

P.O. Box 157
10405 Merrill Road
Hamburg, Michigan 48139-0157

(810) 231-1000 Office
(810) 231-4295 Fax



Supervisor: Pat Hohl
Clerk: Mike Dolan
Treasurer: Jason Negri
Trustees: Bill Hahn
Annette Koeble
Chuck Menzies
Jim Neilson

**HAMBURG TOWNSHIP BOARD OF TRUSTEES
REGULAR MEETING**

Hamburg Township Hall Board Room

Tuesday, November 19, 2019

7:00 p.m.

AGENDA

1. Call to Order
2. Pledge to the Flag
3. Roll Call of the Board
4. Call to the Public
5. Correspondence
6. Consent Agenda
7. Approval of the Agenda
8. Presentations
 - A. Treasurer – Hamburg Township Award Letter
9. Unfinished Business:
 - A. Ordinance 101 - Repealing Portage Lakes Sewage, Portage Base Lakes Sewage Use Amendment and Wastewater Treatment Plan Revenue Bond Ordinances – 2nd Reading
10. Current Business:
 - A. Fire Department – Fire Fighter Promotions – Flohr, Dolan, Hill
 - B. Public Safety – Fire Chief Salary Adjustment
 - C. 2020 Livingston County Digital Aerial Photography
 - D. Ginger & Boyd Drive Sanitary Sewer Improvement SAD
 - E. Lawrence Court Road Improvement SAD
 - F. Far Ravine Drive & Windwood Ct. Road Improvement SAD
 - G. Arrowhead Subdivision Road Improvement SAD
 - H. Ordinance No. 69-H Wastewater Treatment and Administration Ordinance Combined-1st Reading
 - I. Payment Approval – DuBois-Cooper Invoice No. 229566 - \$27,367.40
 - J. Payment Approval – Phoenix Safety Outfitters Invoice No. 141062 – \$13,548.12
11. Call to the Public
12. Board Comment
13. Adjournment

Pledge to the Flag



No Correspondence

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REGULAR MEETING**

Hamburg Township Hall Board Room

Tuesday, November 19, 2019

7:00 p.m.

CONSENT AGENDA

- 1.** Approval of the Minutes
 - A. Township Board Regular Meeting Minutes – November 7, 2019
- 2.** Bills/Vendor Payable List (A&B&C)
- 3.** Department/Committee Reports
 - A. Fire Department Report – October, 2019
 - B. Police Department Report – October, 2019
 - C. Library Monthly Report – November, 2019
 - D. DPW Monthly Report – October, 2019
 - E. MUC Minutes – October 9, 2019

HAMBURG TOWNSHIP BOARD OF TRUSTEES
Regular Meeting
Hamburg Township Hall Board Room
Thursday, November 7, 2019
2:30 p.m.

1. Call to Order

Supervisor Hohl called the meeting to order at 2:30 p.m.

2. Pledge to the Flag

3. Roll Call of the Board

Present: Dolan, Koeble, Hohl, Neilson, Negri, Hahn, Menzies

Absent: None

Also Present: Patricia Hughes, Deputy Clerk; Thelma Kubitskey, Director of Accounting; Nick Miller, Fire Chief; Richard Duffany, Police Chief; Tony Randazzo, Director of Technical Services

4. Call to the Public

A call was made with no response.

5. Correspondence

None.

6. Approval of the Consent Agenda

Motion by Menzies, supported by Koeble, to approve the Consent Agenda as presented.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

7. Approval of the Agenda

Motion by Hohl, supported by Negri, to approve the Agenda tabling Item 8B. Investment Policy Certificate of Excellence Award and adding 10A Police Department Winter College Internship.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

8. Presentations

A. Lego Robotics Wildbots

St. Mary's Lego Wildbots gave a presentation on the solution to the problem of crossing Merrill Rd for the use of both East & West Manly Bennett Parks. Suggesting a bridge as the best option.

Motion by Dolan, supported by Negri, to receive and file the information presented today by the St. Mary's Lego Wildbots.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

B. Investment Policy Certificate of Excellence Award

Tabled and moved to November 19th Regular Township Board Meeting at 7:00 PM

C. 2018-2019 Fiscal Year Audit Report

Plante & Moran Representatives Martin Olejnik, Kristen Colella & Michelle Lewis gave a presentation on the 2018-19 Fiscal Year Audit Report for Hamburg Township.

Motion by Dolan, supported by Hahn, to receive, file and post the 2018-2019 Fiscal Year Audit Report.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

9. Unfinished Business

A. DPW Fulltime Hiring

Motion by Hohl, supported by Hahn, to approve the hiring of Brian Ridge to Fulltime as outlined in the memo from Tony Randazzo at the rate of \$19.86 per hour, with a \$35 phone stipend and verify that no further testing is needed.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

10. Current Business

A. Police Department – Internship

Motion by Dolan, supported by Menzies, to authorize a one-time exemption to the Police Department Intern Policy to allow a local resident & student to have an unpaid Internship with Police Department from February to May 2020.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

B. Fire Department – Promotion for Campbell, Hooks, Pachal

Motion by Hohl, supported by Negri, to approve the promotion of Jeff Campbell, Amanda Hooks & Luke Pachal to fully trained Firefighter/EMT with a pay increase to \$17.78 per hour as outlined in the Chief's memo effective November 3, 2019.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

C. Fire Department – Vehicle Replacement Request

Motion by Menzies, supported by Hahn, to approve the purchase of a Command Vehicle as outlined in the Chief's memo at a cost not to exceed \$37,922.00 from Signature Ford and outfitting from Mid American AEL at a cost not to exceed \$13,511.64 and the sale of 2012 Ford Expedition on MI bid.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

D. Fire Department – Gear Dryer Purchase Request

Motion by Hohl, supported by Neilson, to approve the purchase of 2 Ram Air 6-place heated unit Turn Out Gear Dryers at a cost not to exceed \$17,451.00.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

E. Police Department – Vehicle Replacement Request

Motion by Dolan, supported by Koeble, to approve the purchase of a 2020 Ford Expedition from Signature Ford at the cost of \$38,737.00.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

F. Police Department – Vehicle Sales Approval

Motion by Negri, supported by Menzies, to approve the sale of the 2016 Ford Explorer & a 2014 Ford Interceptor on the State of Michigan MI bid site as outlined in the Chief Duffany's memo dated October 30, 2019.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

G. Ordinance 101 – Repealing Portage Lakes Sewage, Portage Base Lakes Sewage Use Amendment and Wastewater Treatment Plan Revenue Bond Ordinances – 1st Reading

Motion by Hohl, supported by Negri, to receive and file the first reading of Ordinance 101.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

H. Parks & Recreation – Adopt-A-Garden Program

Motion by Hohl, supported by Koeble, to approve the Adopt- A-Garden program as outlined in the memo from Debra Henneman.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

I. Finance Control Book – August 2019

Motion by Negri, supported by Hahn, to receive, file, and publish the Finance Control Book for August 2019.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

J. Finance Control Book – September 2019

Motion by Negri, supported by Koeble, to receive, file, and publish the September 2019 Finance Control Book.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

K. Brownfield Redevelopment Grant Amendment (Loan & Grant)

Motion by Negri, supported by Menzies, to approve the Grant Amendment and the Loan Amendment as well as authorize the Supervisor to sign these agreements.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

L. Third Party Environmental Consulting Agreement

Motion by Negri, supported by Koeble, to approve the hiring of a third party Environmental Consulting Agreement with AKT Peerless as our consultant.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

M. Payment Approval – Cruisers – Invoice #40734 - \$11,113.85

Motion by Hohl, supported by Negri, to approve the payment of Invoice #40734 dated 10/31/2019 in the amount of \$11,113.85 to Cruisers.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

N. Payment Approval – BJ's Heating & Cooling – Invoice #3624-38465 - \$8,878.00

Motion by Hohl, supported by Menzies, to approve the payment of Invoice #3624-38465 dated 10/25/19 in the amount of \$8,878.00 to BJ's Heating & Cooling.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

O. Payment Approval – C & E Construction – Invoice #2413 - \$14,532.00

Motion by Hohl, supported by Koeble, to approve the payment of Invoice #2413 dated 10/21/19 in the amount of \$14,532.00 to C & E Construction.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

P. Payment Approval – DuBois Cooper – Invoice #228534 - \$12,560.00

Motion by Hohl, supported by Koeble, to approve the payment of Invoice #228534 dated 10/07/19 in the amount of \$12,560.00 to DuBols Cooper.

Voice Vote: AYES: 7, ABSENT: 0 MOTION CARRIED

Q. Payment Approval – Lafontaine Chrysler Dodge Jeep of Lansing - \$25,428.00

Motion by Hohl, supported by Negri, to approve the payment in the amount of \$25,428.00 to Lafontaine Chrysler Dodge Jeep of Lansing Invoice dated 10/24/19.

Voice Vote: AYES: 7, ABSENT: 0

MOTION CARRIED

11. Public Information

A. None

12. Call to the Public

Candie Hovarter, Meals on Wheels Outreach Director, asked for assistance in advertising for volunteer meal delivery help.

Motion by Hohl, supported by Hahn, to assist Meals on Wheels with advertising for volunteer delivery Help including the Township Website.

Voice Vote: AYES: 7, ABSENT: 0

MOTION CARRIED

13. Board Comments

Hohl informed the board of property that could go into the Environmental Conservatory but would need to be patrolled for trespassing.

Dolan stated his support of Meals on Wheels & Transportation Master Plan and let the Board know that Hamburg Township had a successful Election on Tuesday, November 5, 2019, and that Pat Hughes Deputy Clerk had a successful meeting with the Board of Canvassers. He also thanked all those who participated in the Election.

Hughes stated that historically 2/3 would vote in person and 1/3 would vote absentee but the no reason absentee voting has reversed those numbers. Also thanked the Board for the use of their Board Room for the Absent Voter Counting Board.

14. Adjourn Meeting

Motion by Menzies, supported by Negri, to adjourn meeting.

Voice Vote: AYES: 7, ABSENT: 0


MOTION CARRIED

Meeting adjourned at 4:12 p.m.

Respectfully submitted,



Courtney L. Paton
Recording Secretary



Mike Dolan
Township Clerk

11/13/2019 03:10 PM
 User: KarenJ
 DB: Hamburg

INVOICE GL DISTRIBUTION REPORT FOR HAMBURG TOWNSHIP OFFICES
 INVOICE ENTRY DATES 11/01/2019 - 11/08/2019
 JOURNALIZED

PAID - CHECK TYPE: PAPER CHECK

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 101 General Fund					
Dept 171.000 Township Supervisor					
101-171.000-726.000	SUPPLIES & SMALL EQUIPMENT	PETTY CASH - GENERAL FUN	REIMBURSEMENT - 7/11-10/11/19	15.38	20177
Total For Dept 171.000 Township Supervisor				15.38	
Dept 191.000 Elections					
101-191.000-962.000	SUNDRY	BOOMERS PARTY STORE & PI	LUNCH & DINNER FOR PRECINCT WORKERS	573.93	20114
Total For Dept 191.000 Elections				573.93	
Dept 215.000 CLERK'S OFFICE					
101-215.000-861.000	MILEAGE	PETTY CASH - GENERAL FUN	REIMBURSEMENT - 7/11-10/11/19	10.00	20177
Total For Dept 215.000 CLERK'S OFFICE				10.00	
Dept 265.000 Township Buildings					
101-265.000-921.000	ELECTRIC	DTE ENERGY	9100 086 3167 3 - TWP - 9/25-10/24/19	1,119.42	20141
101-265.000-921.000	ELECTRIC	DTE ENERGY	9100 139 0346 3 - OLD PACKER/NEW DPW	337.35	20141
Total For Dept 265.000 Township Buildings				1,456.77	
Dept 299.000 Other Expenses					
101-299.000-730.000	POSTAGE	PETTY CASH - GENERAL FUN	REIMBURSEMENT - 7/11-10/11/19	0.70	20177
101-299.000-933.000	EQUIPMENT MAINT/REPAIR	PETTY CASH - GENERAL FUN	REIMBURSEMENT - 7/11-10/11/19	6.50	20177
Total For Dept 299.000 Other Expenses				7.20	
Dept 410.000 Zoning					
101-410.000-939.000	VEHICLE MAINTENANCE	PETTY CASH - GENERAL FUN	REIMBURSEMENT - 7/11-10/11/19	10.00	20177
Total For Dept 410.000 Zoning				10.00	
Dept 450.000 Street Lighting					
101-450.000-926.000	STREET LIGHTING	DTE ENERGY - STREET LIGH	STREET LIGHTS & TRAFFIC SIGNALS - 10/	1,597.34	20140
Total For Dept 450.000 Street Lighting				1,597.34	
Total For Fund 101 General Fund				3,670.62	
Fund 206 Fire Fund					
Dept 000.000					
206-000.000-751.000	VEHICLE FUEL	WEX FLEET UNIVERSAL	BLANKET P.O. FOR FUEL - OCT	2,635.68	20197
206-000.000-921.000	ELECTRIC	DTE ENERGY	9100 086 3133 5 - F.D.#11 - 9/25-10/2	866.81	20141
206-000.000-921.100	SIREN ELECTRIC USAGE	DTE ENERGY	9100 167 2020 3 - SIREN(HAMBURG RD)-8	32.05	20141
206-000.000-921.100	SIREN ELECTRIC USAGE	DTE ENERGY	9300 018 1587 5 - SIREN(CHILSON RD)9/	14.87	20141
Total For Dept 000.000				3,549.41	
Total For Fund 206 Fire Fund				3,549.41	
Fund 207 Police Fund					
Dept 000.000					
207-000.000-726.000	SUPPLIES & SMALL EQUIPMENT	CRH OHIO LTD	BLANKET P.O. - BOTTLED WATER - 11/1-1	44.00	20134
207-000.000-853.000	PHONE/COMM/INTERNET	VERIZON WIRELESS	MONTHLY SERVICE FEES- 9/23-10/22/19	309.00	20193
207-000.000-853.000	PHONE/COMM/INTERNET	VERIZON WIRELESS	MONTHLY SERVICE FEES - 9/23-10/22/19	74.48	20193
207-000.000-921.000	ELECTRIC	DTE ENERGY	9100 160 2711 2 - P.D. - 9/25-10/24/1	1,177.70	20141
207-000.000-980.000	CAPITAL EQUIPMENT/CAPITAL IMP	CRUISERS, INC.	EQUIPMENT FOR NEW CHARGER, APPVD BY T	11,113.85	20133
Total For Dept 000.000				12,719.03	
Total For Fund 207 Police Fund				12,719.03	
Fund 208 SENIORS, PARKS, LL TRAIL					
Dept 750.000 Recreation Board					

INVOICE GL DISTRIBUTION REPORT FOR HAMBURG TOWNSHIP OFFICES
 INVOICE ENTRY DATES 11/01/2019 - 11/08/2019
 JOURNALIZED

PAID - CHECK TYPE: PAPER CHECK

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 208 SENIORS, PARKS, LL TRAIL					
Dept 750.000 Recreation Board					
208-750.000-921.000	ELECTRIC	DTE ENERGY	9100 122 7190 4 - MERRILL FIELD- 9/25	52.58	20141
208-750.000-921.000	ELECTRIC	DTE ENERGY	9100 081 1673 3 - SOCCER FIELDS/PK 6	91.45	20141
208-750.000-962.000	SUNDRY	PETTY CASH - GENERAL FUN	REIMBURSEMENT - 7/11-10/11/19	100.00	20177
Total For Dept 750.000 Recreation Board				244.03	
Dept 805.000 SENIOR CENTER					
208-805.000-921.000	ELECTRIC	DTE ENERGY	9100 095 9768 3 - SENIOR/COMM CENTER	361.58	20141
Total For Dept 805.000 SENIOR CENTER				361.58	
Total For Fund 208 SENIORS, PARKS, LL TRAIL				605.61	
Fund 590 SEWER FUND					
Dept 001.000					
590-001.000-758.000	UNIFORMS/ACCESSORIES	TRACTOR SUPPLY CREDIT PL	FALL JACKET/HOODIE ALLOTMENT FOR - WA	169.96	20189
590-001.000-758.000	UNIFORMS/ACCESSORIES	TRACTOR SUPPLY CREDIT PL	FALL JACKET/HOODIE ALLOTMENT FOR - SH	144.96	20189
590-001.000-758.000	UNIFORMS/ACCESSORIES	TRACTOR SUPPLY CREDIT PL	FALL JACKET/HOODIE ALLOTMENT FOR - C	200.00	20189
590-001.000-853.000	PHONE/COMM/INTERNET	VERIZON WIRELESS	9/23-10/22/19	52.73	20193
590-001.000-921.000	ELECTRIC	DTE ENERGY	9100 160 2723 7 - RUSTIC DR PUMP STN	389.52	20141
590-001.000-923.000	NATURAL GAS/HEAT	CONSUMERS ENERGY	1000 6018 7471 - WINANS PUMP STN - 9/	22.19	20130
Total For Dept 001.000				979.36	
Dept 002.000					
590-002.000-726.000	SUPPLIES & SMALL EQUIPMENT	PETTY CASH - GENERAL FUN	REIMBURSEMENT - 7/11-10/11/19	22.25	20177
590-002.000-921.000	ELECTRIC	DTE ENERGY	9100 086 3078 2 - WWTP -9/25-10/24/19	5,820.79	20141
590-002.000-923.000	NATURAL GAS/HEAT	CONSUMERS ENERGY	1000 1266 6259 - WWTP - 9/25-10/22/1	14.76	20130
Total For Dept 002.000				5,857.80	
Total For Fund 590 SEWER FUND				6,837.16	
Fund 701 Trust & Agency Fund					
Dept 000.000					
701-000.000-222.204	DUE TO COUNTY DOG LICENSE FEE	LIVINGSTON COUNTY TREASU	DOG TAG DISTRIBUTION 10/1-10/31/19	367.00	20161
701-000.000-231.450	DUE TO UNUM (BIWEEKLY)	PROVIDENT LIFE AND ACCID	E0120220 - 10/3-11/14/19	101.25	20183
Total For Dept 000.000				468.25	
Total For Fund 701 Trust & Agency Fund				468.25	
Fund 703 Winter Tax Collection Fund					
Dept 000.000					
703-000.000-275.000	OVER/UNDER PAYMENTS	BROWNLEE DAVID & KATHRYN	REFUND DUE TO AN OVERPAYMENT	33.78	20118
Total For Dept 000.000				33.78	
Total For Fund 703 Winter Tax Collection Fund				33.78	

11/13/2019 03:10 PM
User: KarenJ
DB: Hamburg

INVOICE GL DISTRIBUTION REPORT FOR HAMBURG TOWNSHIP OFFICES
INVOICE ENTRY DATES 11/01/2019 - 11/08/2019
JOURNALIZED

PAID - CHECK TYPE: PAPER CHECK

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
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Fund Totals:

Fund 101 General Fund	3,670.62
Fund 206 Fire Fund	3,549.41
Fund 207 Police Fund	12,719.03
Fund 208 SENIORS, PARK	605.61
Fund 590 SEWER FUND	6,837.16
Fund 701 Trust & Agenc	468.25
Fund 703 Winter Tax Co	33.78

Total For All Funds:	<u>27,883.86</u>
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OPEN - CHECK TYPE: PAPER CHECK

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 101 General Fund					
Dept 191.000 Elections					
101-191.000-726.000	SUPPLIES & SMALL EQUIPMENT	ELECTION SOURCE	ELECTION SUPPLIES - ADA SIGNAGE & ACC	20.00	
101-191.000-726.000	SUPPLIES & SMALL EQUIPMENT	W-4 SIGNS	VINYL GRAPHICS FOR AVCB WHITE BOARD -	139.00	
101-191.000-980.000	CAPITAL EQUIPMENT/CAPITAL IMP	CDW GOVERNMENT, INC.	QUOTE # KXM2954 PRINTER FOR CLERKS OF	607.05	
Total For Dept 191.000 Elections				766.05	
Dept 209.000 Assessing					
101-209.000-751.000	VEHICLE FUEL	WEX BANK	VEHICLE FUEL - 10/4-11/4/19	27.93	
Total For Dept 209.000 Assessing				27.93	
Dept 215.000 CLERK'S OFFICE					
101-215.000-958.000	DUES/SUBSCRIP/RECERTIFICATION	MAM	2020 MEMBERSHIPS MICH ASSOC. OF MUNIC	180.00	
101-215.000-962.000	SUNDRY	WEX BANK	VEHICLE FUEL - 10/4-11/4/19	29.41	
Total For Dept 215.000 CLERK'S OFFICE				209.41	
Dept 253.000 Treasurer					
101-253.000-726.000	SUPPLIES & SMALL EQUIPMENT	OFFICE EXPRESS, INC.	AT A GLANCE REFILL CALENDAR 2020	18.22	
Total For Dept 253.000 Treasurer				18.22	
Dept 258.000 COMPUTER/CABLE					
101-258.000-729.000	SOFTWARE MAINTENANCE	ATHENSA LLC	ANNUAL RENEWAL OF SUPPORT FOR CHANNEL	799.80	
101-258.000-853.000	PHONE/COMM/INTERNET	CHARTER COMMUNICATIONS	8245 12 483 0092058 - TWP - 11/1-11/3	503.17	
Total For Dept 258.000 COMPUTER/CABLE				1,302.97	
Dept 265.000 Township Buildings					
101-265.000-726.000	SUPPLIES & SMALL EQUIPMENT	ADVANCED WATER TREATMENT	BLANKET P.O. - BOTTLED WATER FOR BLDG	5.50	
101-265.000-726.000	SUPPLIES & SMALL EQUIPMENT	ADVANCED WATER TREATMENT	BLANKET P.O. - BOTTLED WATER & COOLER	11.00	
101-265.000-751.000	VEHICLE FUEL	WEX BANK	VEHICLE FUEL - 10/4-11/4/19	430.29	
101-265.000-758.000	UNIFORMS/ACCESSORIES	CINTAS CORPORATION # 31	BLANKET P.O. - UNIFORMS FOR BLDGS. &	110.76	
101-265.000-758.000	UNIFORMS/ACCESSORIES	CINTAS CORPORATION # 31	BLANKET P.O. - UNIFORMS FOR BLDGS. &	110.76	
101-265.000-758.000	UNIFORMS/ACCESSORIES	TRACTOR SUPPLY CREDIT PL	FALL JACKET/HOODIE ALLOTMENT FOR DPW	170.78	
101-265.000-801.000	CONTRACTUAL SERVICES	ALLSTAR ALARM, LLC	9/1/19 - 11/30/19	69.00	
101-265.000-932.000	MAINTENANCE TWP HALL	CARROT-TOP INDUSTRIES, I	STATE FLAGS FOR TOWNSHIP FACILITIES	42.63	
101-265.000-932.008	MAINTENANCE LIBRARY	CARROT-TOP INDUSTRIES, I	STATE FLAGS FOR TOWNSHIP FACILITIES	42.63	
101-265.000-932.020	MAINTENANCE - FERTILIZER	GREEN GUYS LAWN & LANDSC	BLANKET P.O. - FERTILIZER SPRAYING FO	250.00	
101-265.000-933.000	EQUIPMENT MAINT/REPAIR	D & G EQUIPMENT, INC	BLANKET P.O. - BLDG. & GROUNDS EQUIP.	182.03	
101-265.000-962.000	SUNDRY	IRON MOUNTAIN INFORMATIO	9/25-10/29/19	69.57	
Total For Dept 265.000 Township Buildings				1,494.95	
Dept 299.000 Other Expenses					
101-299.000-726.000	SUPPLIES & SMALL EQUIPMENT	VERITIV OPERATING COMPAN	WHITE COPY PAPER - RUNNING LOW ON SUP	698.00	
101-299.000-734.000	ADDRESS SIGNS	HAMBURG FIRE DEPARTMENT,	COMPLETED ADDRESS SIGNS	90.00	
Total For Dept 299.000 Other Expenses				788.00	
Dept 410.000 Zoning					
101-410.000-726.000	SUPPLIES & SMALL EQUIPMENT	BIG PDQ	1000 ZONING BUSINESS ENVELOPES	111.69	
101-410.000-751.000	VEHICLE FUEL	WEX BANK	VEHICLE FUEL - 10/4-11/4/19	86.15	
101-410.000-939.000	VEHICLE MAINTENANCE	HAMBURG GARAGE, LLC	ZONING VEHICLE OIL CHANGE	56.34	
101-410.000-958.000	DUES/SUBSCRIP/RECERTIFICATION	AMERICAN PLANNING ASSOCI	STEFFENS APA DUES	355.00	
Total For Dept 410.000 Zoning				609.18	
Total For Fund 101 General Fund				5,216.71	

OPEN - CHECK TYPE: PAPER CHECK

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 206 Fire Fund					
Dept 000.000					
206-000.000-726.000	SUPPLIES & SMALL EQUIPMENT	ADVANCED WATER TREATMENT	BLANKET P.O. - BOTTLED WATER	33.00	
206-000.000-726.000	SUPPLIES & SMALL EQUIPMENT	ADVANCED WATER TREATMENT	BLANKET P.O. - BOTTLED WATER	17.97	
206-000.000-726.000	SUPPLIES & SMALL EQUIPMENT	ADVANCED WATER TREATMENT	BLANKET P.O. - BOTTLED WATER	90.00	
206-000.000-727.000	MEDICAL AND SCENE SUPPLIES	COMPLETE BATTERY SOURCE,	PHILLIPS AED FRX HEARTSTART/FR2 DEFIB	254.07	
206-000.000-758.000	UNIFORMS/ACCESSORIES	PHOENIX SAFETY OUTFITTER	IN EXCESS OF 20190881 (206.758), BADG	1,011.36	
206-000.000-758.000	UNIFORMS/ACCESSORIES	SHIRLEY D. MILLER	UNIFORM ALTERATIONS	20.00	
206-000.000-759.000	TURN OUT GEAR	AMERICAN AWARDS & ENGRAV	2X4 BLUE/WHI PLAS ENGRAVED - 2X3/8 PL	131.55	
206-000.000-759.000	TURN OUT GEAR	PHOENIX SAFETY OUTFITTER	YEARLY PPE REPLACEMENT	13,548.12	
206-000.000-932.003	MAINTENANCE FIRE HALL	TRI-COUNTY SUPPLY, INC.	VACUUM REPAIR STA 12 VACUUM 57-042661	88.67	
206-000.000-932.003	MAINTENANCE FIRE HALL	TRI-COUNTY SUPPLY, INC.	VACUUM REPAIR STA 12 VACUUM 57-068020	120.51	
206-000.000-932.020	MAINTENANCE - FERTILIZER	GREEN GUYS LAWN & LANDSC	BLANKET P.O. - FERTILIZER SPRAYING FO	100.00	
206-000.000-932.020	MAINTENANCE - FERTILIZER	GREEN GUYS LAWN & LANDSC	BLANKET P.O. - FERTILIZER SPRAYING FO	215.00	
206-000.000-933.000	EQUIPMENT MAINT/REPAIR	COMPLETE BATTERY SOURCE,	EQUIPMENT MAINTENANCE, BATTERIES	50.88	
206-000.000-933.000	EQUIPMENT MAINT/REPAIR	R&R FIRE TRUCK REPAIR, I	YEARLY MAINTENANCE SCBA COMPRESSOR/ST	1,675.92	
206-000.000-975.000	SPECIAL PROJECTS	FIRE STATION CHECKLIST,	FAST FIELD MONTHLY SERVICE	100.00	
Total For Dept 000.000				17,457.05	
Total For Fund 206 Fire Fund				17,457.05	
Fund 207 Police Fund					
Dept 000.000					
207-000.000-726.000	SUPPLIES & SMALL EQUIPMENT	IMPACT POWER TECHNOLOGIE	PREP BATTERIES	501.89	
207-000.000-758.000	UNIFORMS/ACCESSORIES	HURON VALLEY GUNS, LLC	BLANKET P.O. - UNIFORMS & ACCESSORIES	55.99	
207-000.000-758.000	UNIFORMS/ACCESSORIES	HURON VALLEY GUNS, LLC	BLANKET P.O. - UNIFORMS & ACCESSORIES	51.99	
207-000.000-871.000	LAW ENFORCEMENT INFO NETWORK	TRANSUNION RISK AND ALTE	INVESTIGATIVE SERVICES - 10/1-10/31/1	117.60	
207-000.000-932.002	MAINTENANCE POLICE BUILDING	CARROT-TOP INDUSTRIES, I	STATE FLAGS FOR TOWNSHIP FACILITIES	42.63	
207-000.000-932.020	MAINTENANCE - FERTILIZER	GREEN GUYS LAWN & LANDSC	BLANKET P.O. - FERTILIZER SPRAYING FO	125.00	
207-000.000-980.000	CAPITAL EQUIPMENT/CAPITAL IMP	CRUISERS, INC.	RIFLE RACK FOR NEW RIFLES	4,992.25	
Total For Dept 000.000				5,887.35	
Total For Fund 207 Police Fund				5,887.35	
Fund 208 SENIORS, PARKS, LL TRAIL					
Dept 750.000 Recreation Board					
208-750.000-932.005	MAINTENANCE PARK BUILDINGS	CARROT-TOP INDUSTRIES, I	STATE FLAGS FOR TOWNSHIP FACILITIES	85.28	
208-750.000-932.020	MAINTENANCE - FERTILIZER	GREEN GUYS LAWN & LANDSC	BLANKET P.O. - FERTILIZER SPRAYING FO	50.00	
208-750.000-932.020	MAINTENANCE - FERTILIZER	GREEN GUYS LAWN & LANDSC	BLANKET P.O. - FERTILIZER SPRAYING FO	595.00	
208-750.000-932.020	MAINTENANCE - FERTILIZER	GREEN GUYS LAWN & LANDSC	BLANKET P.O. - FERTILIZER SPRAYING FO	825.00	
208-750.000-932.020	MAINTENANCE - FERTILIZER	GREEN GUYS LAWN & LANDSC	BLANKET P.O. - FERTILIZER SPRAYING FO	1,450.00	
Total For Dept 750.000 Recreation Board				3,005.28	
Dept 805.000 SENIOR CENTER					
208-805.000-801.000	CONTRACTUAL SERVICES	ALLSTAR ALARM, LLC	9/1/19 - 11/30/19	69.00	
208-805.000-902.000	NEWSLETTER/PUBLICATIONS	ECONOPRINT INC.	SENIOR CENTER NEWSLETTERS - NOV	480.60	
208-805.000-932.001	MAINTENANCE COMM CENTER	CARROT-TOP INDUSTRIES, I	STATE FLAGS FOR TOWNSHIP FACILITIES	42.63	
208-805.000-932.001	MAINTENANCE COMM CENTER	TRI-COUNTY SUPPLY, INC.	BLANKET P.O. - SENIOR CENTER CLEANING	571.33	
208-805.000-932.020	MAINTENANCE - FERTILIZER	GREEN GUYS LAWN & LANDSC	BLANKET P.O. - FERTILIZER SPRAYING FO	125.00	
208-805.000-933.000	EQUIPMENT MAINT/REPAIR	APPLIED IMAGING	B/W & COLOR MONTHLY COPY OVERAGES - 9	35.11	
Total For Dept 805.000 SENIOR CENTER				1,323.67	
Total For Fund 208 SENIORS, PARKS, LL TRAIL				4,328.95	
Fund 243 BROWNFIELD REDEVELOPMENT AUTHORITY FUND					

User: KarenJ

EXP CHECK RUN DATES 11/19/2019 - 11/19/2019

DB: Hamburg

UNJOURNALIZED

OPEN - CHECK TYPE: PAPER CHECK

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
Fund 243 BROWNFIELD REDEVELOPMENT AUTHORITY FUND					
Dept 000.000					
243-000.000-676.000	REIMBURSEMENTS & COST RECOVERY	LAKELAND BUILDING CONCEP	10776 HALL RD - SERVICES THROUGH 8/31	2,500.00	
Total For Dept 000.000				2,500.00	
Total For Fund 243 BROWNFIELD REDEVELOPMENT AUTHORITY				2,500.00	
Fund 479 Rustic/Lake Pointe Road SAD					
Dept 000.000					
479-000.000-802.000	ROAD IMPROVEMENT	BOB MYERS EXCAVATING INC	RUSTIC RD & LK POINTE DR - GRADED RDS	375.00	
Total For Dept 000.000				375.00	
Total For Fund 479 Rustic/Lake Pointe Road SAD				375.00	
Fund 590 SEWER FUND					
Dept 001.000					
590-001.000-623.000	O&M USAGE FEES	NICOLAS ROUX	REFUND DUE TO ERROR ON RECEIPTING	188.16	
590-001.000-726.000	SUPPLIES & SMALL EQUIPMENT	ADVANCED WATER TREATMENT	BLANKET P.O. - BOTTLED WATER FOR DPW	27.50	
590-001.000-726.000	SUPPLIES & SMALL EQUIPMENT	FASTENAL COMPANY	BLANKET P.O. - DPW/SEWER MISC. SUPPLI	64.95	
590-001.000-726.000	SUPPLIES & SMALL EQUIPMENT	GRAINGER	HEADLAMPS AND REPLACEMENT WADERS FOR	242.02	
590-001.000-726.000	SUPPLIES & SMALL EQUIPMENT	GRAINGER	BLANKET P.O. FOR DPW SUPPLIES, GP PAR	37.85	
590-001.000-726.000	SUPPLIES & SMALL EQUIPMENT	USA BLUEBOOK	BLANKET P.O. FOR DPW/SEWER SUPPLIES	262.77	
590-001.000-751.000	VEHICLE FUEL	WEX BANK	VEHICLE FUEL - 10/4-11/4/19	638.31	
590-001.000-758.000	UNIFORMS/ACCESSORIES	CINTAS CORPORATION # 31	BLANKET P.O. - UNIFORMS FOR DPW/SEWER	122.47	
590-001.000-758.000	UNIFORMS/ACCESSORIES	CINTAS CORPORATION # 31	BLANKET P.O. - UNIFORMS FOR DPW/SEWER	122.47	
590-001.000-758.000	UNIFORMS/ACCESSORIES	TRACTOR SUPPLY CREDIT PL	FALL JACKET/HOODIE ALLOTMENT FOR DPW	399.91	
590-001.000-850.100	GRINDER PUMP PARTS	CUSTOM TOOL & MACHINE	BLANKET P.O. FOR GRINDER PUMP PARTS R	2,925.00	
590-001.000-850.100	GRINDER PUMP PARTS	DUBOIS-COOPER & ASSOCIAT	GRINDER PARTS	27,367.40	
590-001.000-850.100	GRINDER PUMP PARTS	DUBOIS-COOPER & ASSOCIAT	GRINDER PARTS	2,800.20	
590-001.000-933.000	EQUIPMENT MAINT/REPAIR	ADVANCE AUTO PARTS	BLANKET P.O. - DPW EQUIP. & VEHICLE M	32.25	
590-001.000-939.000	VEHICLE MAINTENANCE	BELLE TIRE DISTRIBUTORS,	NEW TIRES FOR DPW SUCK/VAC TRUCK	638.00	
590-001.000-980.000	CAPITAL EQUIPMENT/CAPITAL IMP	OMNISITE	4G UPGRADES FOR PUMP STATIONS. BOARD	5,316.24	
Total For Dept 001.000				41,185.50	
Dept 002.000					
590-002.000-726.000	SUPPLIES & SMALL EQUIPMENT	NORTHWEST PIPE & SUPPLY,	MISC. SUPPLIES FOR WWTP	160.86	
590-002.000-830.000	LAB ANALYSIS - WWTP	MERIT LABORATORIES	HAMBURG - TEST	451.00	
590-002.000-830.100	LAB ANALYSIS FEES - PORTAGE	MERIT LABORATORIES	PORTAGE - TEST	336.00	
Total For Dept 002.000				947.86	
Dept 003.000					
590-003.000-962.000	SUNDRY	LIVINGSTON COUNTY REGIST	RECORDING/FILING FEES - COTHAM @ VACA	60.00	
Total For Dept 003.000				60.00	
Total For Fund 590 SEWER FUND				42,193.36	
Fund 701 Trust & Agency Fund					
Dept 000.000					
701-000.000-231.100	DUE TO UNION DUES	DART TEAM	NOVEMBER 2019 DUES	804.00	
Total For Dept 000.000				804.00	
Total For Fund 701 Trust & Agency Fund				804.00	

11/13/2019 03:07 PM

User: KarenJ

DB: Hamburg

INVOICE GL DISTRIBUTION REPORT FOR HAMBURG TOWNSHIP OFFICES

EXP CHECK RUN DATES 11/19/2019 - 11/19/2019

UNJOURNALIZED

OPEN - CHECK TYPE: PAPER CHECK

Page: 4/4

GL Number	GL Desc	Vendor	Invoice Description	Amount	Check #
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Fund Totals:

Fund 101 General Fund	5,216.71
Fund 206 Fire Fund	17,457.05
Fund 207 Police Fund	5,887.35
Fund 208 SENIORS, PARK	4,328.95
Fund 243 BROWNFIELD RE	2,500.00
Fund 479 Rustic/Lake P	375.00
Fund 590 SEWER FUND	42,193.36
Fund 701 Trust & Agenc	804.00

Total For All Funds:	<u>78,762.42</u>
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HAMBURG TOWNSHIP FIRE DEPARTMENT

10100 VETERANS MEMORIAL DRIVE
 P.O. BOX 157 ♦ HAMBURG, MI 48139-0157
 PHONE: 810-222-1100 ♦ FAX: 810-231-1974
 E-MAIL: HTFD@HAMBURG.MI.US

CHIEF NICK MILLER
FIRE MARSHAL JORDAN ZERNICK

TO: Hamburg Township Board of Trustees
 FROM: Chief Nick Miller
 DATE: 12-Nov-19
 RE: Monthly Fire Department Report for October

Current Monthly Totals

2019 Total Runs by Incident Type

from (1-Oct-19) to (31-Oct-19)

Fire	3	2.48%
Medical	69	57.02%
Hazardous Condition	14	11.57%
Service / Good Intent	20	16.53%
False Alarm / Cancel	8	6.61%
Mutual Aid	7	5.79%
Other	0	0.00%
Totals	121	100.00%

2019 Total Runs by District

from (1-Oct-19) to (31-Oct-19)

North West	21	17.36%
North East	14	11.57%
South West	36	29.75%
South East	43	35.54%
Mutual Aid	7	5.79%
Totals	121	100.00%

Comparative Statistics - 2018 vs 2019 by Month

2018 Runs

from (1-Oct-18) to (31-Oct-18)

2019 Runs

from (1-Oct-19) to (31-Oct-19)

% Change

Fire	3	3	0.0%	No Change
Medical	95	69	-27.4%	Decrease
Hazardous Condition	21	14	-33.3%	Decrease
Service / Good Intent	10	20	100.0%	Increase
False Alarm / Cancel	4	8	100.0%	Increase
Mutual Aid	2	7	250.0%	Increase
Other	0	0	0.0%	No Change
Totals	135	121	-10.4%	Decrease



HAMBURG TOWNSHIP FIRE DEPARTMENT

10100 VETERANS MEMORIAL DRIVE
 P.O. BOX 157 ♦ HAMBURG, MI 48139-0157
 PHONE: 810-222-1100 ♦ FAX: 810-231-1974
 E-MAIL: HTFD@HAMBURG.MI.US

CHIEF NICK MILLER
FIRE MARSHAL JORDAN ZERNICK

TO: Hamburg Township Board of Trustees
 FROM: Chief Nick Miller
 DATE: 12-Nov-19
 RE: Monthly Fire Department Report for October

Comparative Statistics - 2018 vs 2019 Year-To-Date

	2018 Runs <small>from (1-Jan-18) to (31-Oct-18)</small>	2019 Runs <small>from (1-Jan-19) to (31-Oct-19)</small>	% Change	
Fire	45	38	-15.6%	Decrease
Medical	823	766	-6.9%	Decrease
Hazardous Condition	164	208	26.8%	Increase
Service / Good Intent	74	177	139.2%	Increase
False Alarm / Cancel	50	91	82.0%	Increase
Mutual Aid	42	48	14.3%	Increase
Other	14	0	-14.0%	Decrease
Totals	1212	1328	9.6%	Increase

Paid-On-Call Average Hours Worked per week as of 01-January-2019

Weekly Average	Number of Employees
0.0 - 10.0 Hours	16
10.1 - 20.0 Hours	12
20.1 - 25.0 Hours	6
25.1 - 30.0 Hours	3
Over 30.0 Hours	4

Start Date	1-Oct-2019
Finish Date	31-Oct-2019

LIGHTS & SIRENS (PRIORITY 1 - HAMBURG TOWNSHIP ONLY)

OVERALL AVERAGES

RESPONSE TIME	0:08:02
SCRAMBLE TIME	0:01:20
DRIVE TIME	0:06:42

DAYTIME

0:07:05
0:00:55
0:06:10

NIGHTS / WEEKENDS

0:08:45
0:01:38
0:07:07

DIFFERENTIAL

0:01:40
0:00:43
0:00:57

GEOGRAPHICS

STATION 11	23
STATION 12	33

DAYTIME CALLS

12
12

NIGHTS / WEEKENDS CALLS

11
21

DIFFERENTIAL

1
9

TOTAL **56**

Daytime
Totals 24 42.86%

Nights &
Wknd 32 57.14%
Totals

NO LIGHTS & NO SIRENS (PRIORITY 3 - HAMBURG TOWNSHIP ONLY)

OVERALL AVERAGES

RESPONSE TIME	0:07:32
SCRAMBLE TIME	0:01:09
DRIVE TIME	0:06:23

DAYTIME

0:06:39
0:00:54
0:05:42

NIGHTS / WEEKENDS

0:08:26
0:01:23
0:07:03

DIFFERENTIAL

0:01:47
0:00:29
0:01:21

GEOGRAPHICS

STATION 11	34
STATION 12	24

DAYTIME CALLS

15
14

NIGHTS / WEEKENDS CALLS

19
10

DIFFERENTIAL

4
4

TOTAL **58**

Daytime
Totals 29 50.00%

Nights &
Wknd 29 50.00%
Totals



HAMBURG TOWNSHIP POLICE

MONTHLY REPORT

October, 2019

COMMUNITY HAPPENINGS

Community Involvement:

- Officer Daniel Bromley and Officer Kim Leeds participated in the annual Livingston County Public Safety Trunk-or Treat event held on October 25, 2019.
- The police department had several extra officers on patrol in the neighborhoods for trick-or-treating on Halloween.

Communications:

- Sgt. Alysha Garbacik, Officer Justin Harvey, Officer Nate Watson, Officer Daniel Bromley and Officer Sean Hogan received a thank you letter from LACASA on October 2, 2019.

POLICE DEPARTMENT OPERATIONS

Personnel:

- Reserve Officer Michael Cuddington resigned from the reserve program effective October 31, 2019.

Training:

- Sgt. Gary Harpe, Sgt. Alysha Garbacik, Officer Adam Fischhaber and Officer Sean Hogan attended Evidence Technician update training in Brighton on October 2, 2019.
- Administrative Assistants Cris Schuster and Karen Castleman attended Firearm Prohibitors training in Lansing on October 3, 2019.
- Sgt. Gary Harpe, Sgt. Alysha Garbacik, Officer Adam Fischhaber, Officer Sean Hogan and Officer Spencer Flavin attended Processing of Firearms Evidence training in Detroit on October 8, 2019.
- Sgt. Anthony Wallace participated in the Livingston County Major Crash Team training on October 11, 2019.
- Sgt. Alysha Garbacik, Sgt. Anthony Wallace, Officer Dahne DeBottis, Officer Sean Hogan, Officer Adam Fischhaber, Officer Jason Grim and Officer Joshua Pederesen participated in Firearms Qualifications at the HTPD Range on October 13, 2019.
- Chief Richard Duffany, Deputy Chief Dariusz Nisenbaum, Sgt. Gary Harpe, Sgt. Megan Paul, Officer Steve Locke, Officer Nate Watson, Officer Matthew Duhaime, Officer Justin Harvey, Officer Spencer Flavin, Officer Daniel Bromley and Officer Kim Leeds participated in Firearms Qualifications at the HTPD Range on October 15, 2019.
- Deputy Chief Dariusz Nisenbaum, Sgt. Anthony Wallace and Officer Matthew Duhaime participated in SWAT team training on October 16, 2019.
- Sgt. Alysha Garbacik, Officer Justin Harvey and Officer Sean Hogan attended the Michigan Association of Hostage Negotiators Conference in Ann Arbor on October 16, 2019 and October 17, 2019.
- Officer Daniel Bromley participated in Dive Team training in Hartland on October 22, 2019.
- Officer Spencer Flavin attended Vehicle Fire Investigations training on October 24, 2019.
- Officer Nate Watson attended Basic Criminal Investigator School October 28, 2019 – November 1, 2019 in Lansing.

Monthly Arrest Summary

10/02/19-7:21pm:

A 42-year old male Township resident was arrested at his home on a criminal bench warrant out of Howell for *Violation of a Conditional Bond Release* from an Aggravated Assault charge and on a misdemeanor warrant out of Novi for *Operating While Intoxicated*. He was lodged in the Livingston County Jail.

10/06/19-12:48am:

A 47-year old male Township resident was arrested at his home for *Domestic Assault* and *Interfering with Electronic Communication / Crime Reporting*. He was lodged in the Livingston County Jail.

10/13/19-1:17am:

A 56-year old male Brighton Township resident was arrested at M-36 & Hamburg Road for *Driving While License Suspended*. His vehicle was impounded and he was cited and released.

10/13/19-10:13am:

A 58-year old female Township resident was arrested at M-36 & Kress Road for *Driving While License Suspended*. Her vehicle was impounded and she was cited and released.

10/25/19-6:08pm:

A 28-year old female Township resident was arrested at her home for *Aggravated Domestic Assault*. She was lodged in the Livingston County Jail.

10/27/19-6:37pm:

A 35-year old male Township resident was arrested on a misdemeanor warrant out of Howell for Failure to Appear on a Retail Fraud charge and on a civil warrant for Child Neglect / Non-Support out of Livingston County. He was lodged in the Livingston County Jail.

10/31/19-3:30pm:

A 28-year old female Township resident was arrested on Chilson Road & Winans Lake Road for *Operating While Intoxicated*. Her vehicle was impounded and she was lodged in the Livingston County Jail.

General Police information:

Marine Patrol:

The police boat has been taken out of service for the winter.

Lakeland Trail Patrol:

Regular patrols on the Lakelands Trail have ceased for the winter.

Road Patrol Vehicles:

New Unit #7005 (Dodge Charger) went into service on October 18, 2019.

New Unit #7006 (Dodge Charger) is at Cruiser's and is in the process of being outfitted.

Red Barrel:

No prescription drugs were removed from the Red Barrel in front of the police station during the month of October.

LIVINGSTON COUNTY 911

Events by Nature Code by Agency

Agency: HATP, Event date/Time range: 10/01/2019 00:00:00 - 10/31/2019 23:59:59

Agency Code	Nature Code	Rpt Only	Self Init	CFS	Total	% Total	Avg Disp Time	Avg Resp Time	Avg Scene Time	Total Call Time	Avg Call Time
HATP	911 HANG UP	0	0	3	3	0%	0:04:47	0:07:50	0:06:58	0:58:45	0:19:3
	ABANDONED VEHICLE	0	1	1	2	0%	0:09:33	0:06:41	0:06:25	0:29:05	0:14:3
	ALARM	0	0	30	30	2%	0:02:35	0:06:54	0:06:52	7:04:10	0:14:0
	ANIMAL COMPLAINT	0	3	14	17	1%	0:04:41	0:11:41	0:21:19	10:14:05	0:36:0
	AREA CHECK	0	338	0	338	20%	0:00:01	0:01:38	0:03:41	20:53:48	0:03:4
	ASSAULT REPORT ONLY	0	0	1	1	0%	0:05:17	0:14:43	0:04:33	0:24:33	0:24:3
	ASSIST EMS	0	0	61	61	4%	0:00:51	0:09:29	0:19:21	8:46:46	0:08:3
	ASSIST FIRE DEPARTMENT	0	0	16	16	1%	0:00:46	0:08:33	0:03:40	1:26:41	0:05:2
	ASSIST OTHER AGENCY	0	4	7	11	1%	0:06:40	0:32:25	0:24:59	8:56:27	0:48:4
	BREATHING PROBLEM	0	0	1	1	0%	0:01:00	0:00:00	0:00:00	0:01:08	0:01:0
	BUILDING/PROPERTY/VACATION CHK	0	100	0	100	6%	0:00:01	0:00:00	0:02:08	3:35:47	0:02:0
	BURGLARY REPORT ONLY	0	0	1	1	0%	0:02:44	0:07:12	0:54:45	1:04:41	1:04:4
	CARDIAC/RESPIRATORY ARREST	0	0	2	2	0%	0:00:39	0:26:14	1:46:47	4:26:41	2:13:2
	CITIZEN ASSIST	0	8	12	20	1%	0:12:11	0:04:57	0:17:41	8:52:58	0:26:3
	CIVIC EVENT	0	1	0	1	0%	0:00:00	0:00:00	1:03:53	1:03:53	1:03:5
	CIVIL COMPLAINT	0	1	3	4	0%	0:07:40	0:06:48	0:40:44	3:34:05	0:53:3
	CO MEDICAL NEEDED	0	0	1	1	0%	0:00:24	0:00:00	0:00:00	0:00:29	0:00:2
	COMMUNITY POLICING	0	11	0	11	1%	0:00:01	0:06:04	0:42:56	8:16:44	0:45:0
	COURT PROSECUTOR ACTIVITY	0	1	0	1	0%	0:00:00	0:00:03	1:00:16	1:00:20	1:00:2
	CRIMINAL SEXUAL CONDUCT REPORT	0	1	0	1	0%	0:00:00	0:00:00	0:38:06	0:38:06	0:38:0
	CUSTODY DISPUTE	0	0	1	1	0%	0:05:33	0:09:14	0:15:03	0:29:50	0:29:5
	DHS REFERRALS	0	0	2	2	0%	0:05:57	0:08:07	1:17:16	3:02:39	1:31:2
	DISTURBANCE/TROUBLE	0	1	12	13	1%	0:03:40	0:07:10	0:29:37	8:04:47	0:37:1

Agency Code	Nature Code	Rpt Only	Self Init	CFS	Total	% Total	Avg Disp Time	Avg Resp Time	Avg Scene Time	Total Call Time	Avg Call Time
	DOMESTIC PHYSICAL IN PROGRESS	0	0	6	6	0%	0:02:55	0:05:25	1:08:15	7:36:37	1:16:00
	DOMESTIC VERBAL	0	0	5	5	0%	0:03:44	0:04:48	0:59:04	5:38:06	1:07:30
	FALL PRIORITY 3	0	0	1	1	0%	0:00:28	0:00:00	0:00:00	0:00:38	0:00:38
	FOLLOW UP	0	20	0	20	1%	0:00:01	0:12:50	0:33:13	13:28:32	0:40:24
	FOOT PATROL	0	5	0	5	0%	0:00:01	0:00:00	0:25:13	2:06:07	0:25:13
	FRAUD	0	2	3	5	0%	1:23:34	0:05:42	0:14:51	6:56:40	1:23:28
	GENERAL NON CRIMINAL	0	6	0	6	0%	0:00:01	0:00:02	0:06:17	0:37:52	0:06:17
	HAZARD	0	3	5	8	0%	0:03:02	0:05:27	0:02:51	1:04:34	0:08:00
	HEART PROBLEMS	0	0	1	1	0%	0:00:36	0:00:00	0:00:00	0:00:53	0:00:53
	INFO- GENERAL	0	19	3	22	1%	0:00:26	0:00:00	0:30:42	12:21:00	0:33:42
	INTIMIDATION THREATS HARASSMEN	0	0	2	2	0%	0:06:25	0:14:31	0:28:40	1:39:13	0:49:37
	LARCENY	0	1	1	2	0%	0:01:41	0:04:38	0:45:46	1:39:32	0:49:41
	LOCKOUT	0	0	7	7	0%	0:06:48	0:07:30	0:08:27	2:39:19	0:22:41
	LOST/FOUND PROPERTY	0	0	3	3	0%	0:02:05	0:22:35	0:49:09	2:29:59	0:50:00
	LOUD PARTY	0	0	2	2	0%	0:02:22	0:09:04	0:01:56	0:32:20	0:16:11
	MDOP	0	0	2	2	0%	0:02:38	0:09:00	0:54:09	2:11:34	1:05:41
	MEDICAL ALARM	0	0	1	1	0%	0:02:08	0:00:00	0:00:00	0:05:33	0:05:33
	MEETINGS	0	3	0	3	0%	0:00:01	0:00:08	1:45:24	5:16:40	1:45:30
	MENTAL/CMH/PSYCH	0	1	3	4	0%	0:02:20	0:05:14	1:02:00	4:35:59	1:09:00
	MISSING PERSON/RUN-A-WAY	0	0	3	3	0%	0:08:27	0:14:00	1:07:30	3:24:45	1:08:11
	MOTORIST ASSIST	0	4	0	4	0%	0:00:01	0:00:00	0:06:30	0:26:05	0:06:30
	NOISE COMPLAINTS	0	0	2	2	0%	0:01:59	0:06:58	0:11:48	0:41:31	0:20:41
	NON INJURY ACC W EXTRICATION	0	0	1	1	0%	0:01:28	0:10:37	0:26:16	0:38:21	0:38:21
	OVERDOSE/INGESTION	0	0	3	3	0%	0:01:38	0:06:17	0:23:53	1:35:27	0:31:41
	PARK/TRAF COMP	0	2	0	2	0%	0:00:00	0:00:00	0:06:26	0:12:55	0:06:26
	PARKING COMPLAINTS	0	0	1	1	0%	0:06:22	0:11:22	0:02:49	0:20:34	0:20:34

Agency Code	Nature Code	Rpt Only	Self Init	CFS	Total	% Total	Avg Disp Time	Avg Resp Time	Avg Scene Time	Total Call Time	Avg Call Time
	PATROL INFORMATION	0	0	9	9	1%	0:08:40	0:02:25	0:20:09	4:31:58	0:30:1
	PBT REQUEST	0	0	2	2	0%	0:01:26	0:06:27	0:14:34	0:44:54	0:22:2
	PDA	0	1	19	20	1%	0:05:55	0:08:25	0:25:17	12:54:53	0:38:4
	PERSON LOCKED IN A VEHICLE	0	0	1	1	0%	0:03:41	0:02:13	0:08:15	0:14:09	0:14:0
	PERSONAL INJURY ACCIDENT	0	0	2	2	0%	0:00:21	0:14:29	1:35:01	3:39:22	1:49:4
	PIREF (REFUSE EMS)	0	0	1	1	0%	0:02:53	0:09:07	0:34:46	0:46:46	0:46:4
	PPO VIOLATION	0	0	1	1	0%	0:00:00	0:00:00	0:00:00	0:04:51	0:04:5
	RETAIL FRAUD	0	1	0	1	0%	0:00:01	0:03:34	2:15:31	2:19:06	2:19:0
	ROAD RUNOFF	0	0	1	1	0%	0:01:34	0:06:40	0:08:04	0:16:19	0:16:1
	SHOTS FIRED	0	0	1	1	0%	0:04:15	0:09:55	0:07:43	0:21:54	0:21:5
	SICK PERSON PRIORITY 3	0	0	3	3	0%	0:00:51	0:00:00	0:00:00	0:03:57	0:01:1
	STALKING	0	0	2	2	0%	0:10:22	0:12:18	0:23:29	1:32:18	0:46:0
	STROKE	0	1	0	1	0%	0:00:07	0:00:05	0:12:41	0:12:53	0:12:5
	SUBDIVISION PATROL	0	482	0	482	29%	0:00:01	0:00:48	0:04:09	33:33:24	0:04:1
	SUBPOENA SERVICE	0	2	0	2	0%	0:00:01	0:08:24	0:04:10	0:25:10	0:12:3
	SUICIDAL SUBJECT	0	0	3	3	0%	0:03:25	0:06:19	0:27:57	1:53:04	0:37:4
	SUSPICIOUS PERSON	0	3	4	7	0%	0:03:20	0:05:21	0:15:33	2:30:17	0:21:2
	SUSPICIOUS SITUATION	0	9	12	21	1%	0:03:27	0:07:18	0:18:49	9:23:28	0:26:5
	SUSPICIOUS VEHICLE	0	13	3	16	1%	0:01:19	0:09:16	0:06:54	2:42:11	0:10:0
	TRAFFIC DETAIL	0	134	0	134	8%	0:00:01	0:00:00	0:20:53	46:40:48	0:20:5
	TRAFFIC STOP	0	190	0	190	11%	0:00:01	0:00:00	0:08:25	26:44:10	0:08:2
	TRAFFIC VIO/ARREST	0	4	0	4	0%	0:00:01	0:00:00	1:43:53	6:55:35	1:43:5
	TREE HAZARD	0	1	1	2	0%	0:03:39	0:00:00	0:01:00	0:11:13	0:05:3
	TRESSPASSING, LOITERING	0	0	1	1	0%	0:05:03	0:12:00	0:20:15	0:37:18	0:37:1
	UNATTENDED DEATH/INVESTIGATION	0	0	1	1	0%	0:00:15	0:11:41	1:42:16	1:54:13	1:54:1
	UNCONSCIOUS/FAINTING	0	0	1	1	0%	0:02:12	0:00:00	0:00:00	0:02:32	0:02:3
	UNKNOWN MEDICAL PROBLEM	0	0	1	1	0%	0:00:49	0:00:00	0:00:00	0:00:57	0:00:5

Agency Code	Nature Code	Rpt Only	Self Init	CFS	Total	% Total	Avg Disp Time	Avg Resp Time	Avg Scene Time	Total Call Time	Avg Call Time
	VIN INSPECTION	0	1	1	2	0%	0:00:18	0:10:01	1:26:00	1:36:52	0:48:2
	WAR ATT/SEARCH	0	1	0	1	0%	0:00:00	0:23:48	0:22:19	0:46:08	0:46:0
	WARRANT ARREST CRIMINAL	0	1	0	1	0%	0:00:00	0:02:58	1:01:05	1:04:03	1:04:0
	WELFARE CHECK	0	1	13	14	1%	0:04:35	0:10:15	0:27:48	8:16:53	0:35:3
	WIRES DOWN	0	0	3	3	0%	0:00:12	0:06:04	0:08:39	0:17:06	0:05:4
	Subtotals for No Summary Code	0	1381	309	1690	100%	0:03:51	0:08:33	0:32:08	355:05:56	0:35:5
	Subtotals for HATP	0	1381	309	1690	100%	0:03:51	0:08:33	0:32:08	355:05:56	0:35:5

Hamburg Township Library

10411 Merrill Rd. P.O. Box 247
Hamburg, MI 48139
810-231-1771

Monthly Report: November 2019

September Statistics:

- Number of new patrons: 272*
*Number includes the student cards given to all new Pinckney Community Schools students.
- Number of computer users: 313
- Number of in-building items checked out: 6,854
- Number of digital items checked out: 1,129
- Average daily visits: 252

Upcoming Closed Dates:

- Nov. 28 Thanksgiving Day
- Nov. 29 Day after Thanksgiving, **NOTE:** Library is OPEN Saturday, Nov. 30

Upcoming Programs:

- Nov. 20 Book Club movie showing: *Fahrenheit 451*, Free, 1:00pm
- Nov. 20 Michigan Owls, Free, 6:30pm
- Nov. 23-Dec. 14 Toys for Tots – donate new, unwrapped toys.
- Nov. 23 Book Sale, 9am to 2pm
- Nov. 23 Ann Arbor Symphony String Quartet, Free, 1:00pm
- December Mitten Tree – donate new mittens, gloves, scarves, and hats.
- Dec. 2 Make Holiday Gifts for Shelter Animals, Free, 4:00pm
- Dec. 3 Tuesday Movie: *The Lady Eve* (1941), Free, 6:00pm
- Dec. 4 Drop-In Genealogy Help, Free, 1:00pm
- Dec. 4 Book Club: *Tea Girl of Hummingbird Lane* by Lisa See, Free, 1:00pm
- Dec. 4 Drop-In Tech Help, Free, 4:00pm
- Dec. 4 Santa Claus Visit, Free, 6:30pm
- Dec. 5 Lunch & Learn: That's a Wrap, Free, Noon
- Dec. 6 Friday Movie: *Thirty Seconds over Tokyo* (1944), Free, 3:00pm
- Dec. 9 Maker Monday: Holiday Mocktails, Free, 6:30pm
- Dec. 10 Ornament Making for 5 and under, Free, 6:30pm
- Dec. 11 Ornament Making for 6+, Free, 6:30m
- Dec. 14 Saturday Movie: *Gone with the Wind*, Free, Noon
- Dec. 18 Teen Movie: *Elf*, Free, 5:30pm

Of Special Note:

Saturday, Nov. 23 is a big day at the library: the **Booksale** is set for 9am to 2pm, and the **Ann Arbor Symphony** is performing at 1pm.



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EXCERPT FROM HAMBURG TOWNSHIP MUNICIPAL UTILITIES COMMITTEE MEETING MINUTES

To the attention of: Patrick J. Hohl, Supervisor
Hamburg Township Board of Trustees

Re: **DPW Monthly Report – October 2019 Statistics**

Please be apprised of this excerpt from the Unapproved Approved Minutes of the Meeting of the Hamburg Township Sewer Committee:

Date of Meeting: November 13th, 2019

Sewer Committee Members Present: Hohl, Hahn, Koebler

Sewer Committee Members Absent: None

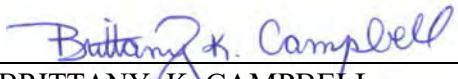
Text of Motion: MOTION BY HOHL, SUPPORTED BY HAHN TO NOTE THE DPW MONTHLY REPORT AS RECEIVED AND TO BE FILED AND TO ALSO FORWARD A COPY TO THE TOWNSHIP BOARD AS AN AGENDA ITEM FOR THEIR REVIEW.

Ayes: Hohl, Hahn, Koebler Absent: None Nays: None

MOTION CARRIED.

State of Michigan }
County of Livingston }
Township of Hamburg }

I, BRITTANY K. CAMPBELL, Hamburg Township Utilities Coordinator and recording secretary to the Municipal Utilities Committee, do hereby certify that the foregoing is a true and correct excerpt of the Minutes of the aforementioned Regular/~~Special~~ Meeting of the Hamburg Township Municipal Utilities Committee.



BRITTANY K. CAMPBELL Date: November 13th, 2019
HAMBURG TOWNSHIP UTILITIES COORDINATOR



10405 Merrill Road ♦ P.O. Box 157
Hamburg, MI 48139
Phone: 810.231.1000 ♦ Fax: 810.231.4295
www.hamburg.mi.us

To: Municipal Utilities Committee
From: Tony Randazzo
Date: 11-07-2019
Re: DPW Monthly Report

-
1. The wastewater treatment plant was in compliance for the entire month of October.
 2. The DEQ has not provided any feedback on our permit yet even though the old permit has expired.
 3. We have determined that Brian Ridge, who does on call work for us already, is the best candidate for the DPW Tech position.
 4. Biotech has just finished the fall sludge haul.
 5. The DPW had another team building workshop with Dr. Lew Bender last week at the library.

HAMBURG TOWNSHIP DPW ACTIVITY TRACKING CHART 2018 VERSES 2019

<i>DPW Activities</i>	Jan-18	Jan-19	Feb-18	Feb-19	Mar-18	Mar-19	Apr-18	Apr-19	May-18	May-19	Jun-18	Jun-19	Jul-18	Jul-19	Aug-18	Aug-19	Sep-18	Sep-19	Oct-18	Oct-19	Nov-18	Nov-19	Dec-18	Dec-19	Year End Total 18	Year End Total 19
Grinder Calls	53	34	33	35	36	35	43	42	54	51	48	37	43	101	52	50	52	41	47	45	38		27		526	471
Grinder Replacements	44	26	23	22	31	28	37	37	48	41	40	34	34	78	42	41	39	37	32	38	37		22		429	382
Grinder Repairs	56	31	27	36	35	27	41	35	42	40	42	40	39	60	52	36	39	41	41	53	32		26		472	
Hiland-other repairs	4	8	6	6	11	4	7	10	20	6	8	9	11	6	9	26	7	1	16	10	3		15		117	
Grinder Star - Ups	2	2	1	3	4	3	2	2	4	2	2	3	1	1	1	0	4	0	3	3	2		2		28	19
Grinder Deact.	1	1	0	0	0	0	0	0	0	1	0	1	0	1	0	2	0	1	1	1	0		0		2	8
Sewer Repairs	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0		0		2	2
WWTP Alarms	2	0	6	5	5	2	25	3	22	7	13	2	10	4	9	3	11	6	8	5	7		2		FALSE	37
Hamburg Road Lift	2	1	4	2	2	1	2	0	2	1	2	1	5	5	1	1	3	5	1	1	2		1		15	18
Winans Road Lift	2	1	4	2	3	1	2	0	2	1	4	0	4	4	2	1	5	5	2	1	2		1		33	16
KESS RD. Lift	2	3	4	2	2	1	2	4	1	1	5	1	1	4	1	1	3	5	2	1	2		0		25	23
Ore Station Alarms	2	3	5	2	5	1	9	1	7	2	7	1	14	4	3	1	3	7	1	2	2		1		59	24
School Alarms	2	1	0	2	1	0	1	0	2	1	3	1	2	4	1	1	4	4	0	3	0		0		16	17
Grinder Reacts	1	0	1	0	1	1	1	1	1	1	0	0	2	0	0	0	1	5	0	0	1		1		10	8
Rustic Station	1	0	4	1	2	1	3	0	6	2	4	1	2	2	1	1	2	4	2	2	2		0		29	14
Medical Center	3	0	2	4	1	1	2	0	2	1	2	0	4	2	1	1	4	3	1	2	2		1		25	14
Miss Dig Stakings	63	92	130	60	175	70	220	245	275	325	350	430	410	480	430	420	320	350	250	290	210		172		3005	2762
Grinders in stock	70-4	35-3	67-4	31-3	62-4	29-3	61-3	28-3	56-3	25-3	53-3	25-3	52-3	24-3	49-3	17-3	44-4	76-3	18-4	72-3	39-3		37-3			
Chilson Commons	1	1	2	2	1	1	2	1	2	2	1	1	2	2	1	1	2	4	0	1	2		1		17	16
Overtime call outs	31	13	17	17	14	17	25	21	32	31	21	15	24	70	34	22	33	26	31	23	23		23		308	255
PLANT -EFF./MO.	9.1	8.7	8.3	8.3	8.8	8.2	8.7	8.5	9.8	9.3	9.2	9.1	9.2	9.1	8.7	8.8	8.8	8.7	8.6	8.5	8.4		9.1		107	87
AVE. DAILY/ MG	0.26	0.29	0.29	0.29	0.28	0.29	0.29	0.28	0.33	0.31	0.32	0.30	0.31	0.3	0.29	0.29	0.31	0.3	0.29	0.3	0.29		0.29			3
MAX. DAILY MG.	0.32	0.31	0.31	0.33	0.34	0.31	0.34	0.32	0.41	0.34	0.33	0.34	0.31	0.34	0.32	0.32	0.33	0.32	0.32	0.31	0.31		0.32			3
PLANT- INF/ MO.	8.4	9	9	8.5	9.3	8.6	9.2	8.8	10.4	9.4	9.9	9.6	9.9	9.6	9.2	9.4	9.7	9.8	9.6	9.6	9.4		9.5		114	92
AVE. DAILY /MG	0.32	0.3	0.32	0.3	0.30	0.31	0.31	0.29	0.34	0.31	0.34	0.32	0.31	0.32	0.31	0.32	0.32	0.33	0.33	0.32	0.31		0.32			3
MAX. DAILY MG.	0.36	0.34	0.34	0.38	0.34	0.36	0.37	0.34	0.47	0.34	0.33	0.34	0.35	0.32	0.33	0.32	0.32	0.31	0.32	0.31	0.34		0.34			3



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EXCERPT FROM HAMBURG TOWNSHIP MUNICIPAL UTILITIES COMMITTEE MEETING MINUTES

To the attention of: Patrick J. Hohl, Supervisor
Hamburg Township Board of Trustees

Re: **Approved Municipal Utilities Committee Minutes**

Please be apprised of this excerpt from the Unapproved Approved Minutes of the Meeting of the Hamburg Township Municipal Utilities Committee:

Date of Meeting: November 13th, 2019

Committee Members Present: Hohl, Hahn, Koeble

Committee Members Absent: None

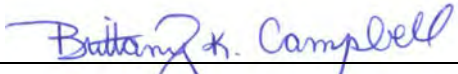
Text of Motion: MOTION BY HOHL, SUPPORTED BY HAHN TO APPROVE THE MINUTES OF THE OCTOBER 9th, 2019 MUNICIPAL UTILITIES COMMITTEE MEETING AS PRESENTED.

Ayes: Hohl, Hahn, Koeble Absent: None Nays: None

MOTION CARRIED.

State of Michigan }
County of Livingston }
Township of Hamburg }

I, BRITTANY K. CAMPBELL, Hamburg Township Utilities Coordinator and recording secretary to the Municipal Utilities Committee, do hereby certify that the foregoing is a true and correct excerpt of the Minutes of the aforementioned Regular/~~Special~~ Meeting of the Hamburg Township Municipal Utilities Committee.


Date: November 13th, 2019
BRITTANY K. CAMPBELL
HAMBURG TOWNSHIP UTILITIES COORDINATOR

HAMBURG TOWNSHIP MUNICIPAL UTILITIES COMMITTEE
WEDNESDAY, OCTOBER 9th, 2019 – 2:30 P.M.
10405 MERRILL ROAD, HAMBURG, MI 48139

1. CALL TO ORDER

The meeting was called to order by Hahn at 2:30 p.m.

Roll Call of the Committee:

Present: Hahn, Koeble

Absent: Hohl

Also Present: Tony Randazzo, Dave Podvoyski, and Brittany Campbell

2. CALL TO THE PUBLIC

Hahn opened the call to the public and seeing no response, closed the call to the public.

3. CORRESPONDENCE

There was no correspondence to be addressed at this meeting.

4. APPROVAL OF THE AGENDA

MOTION BY HAHN, SUPPORTED BY KOEBLE TO APPROVE THE AGENDA AS PRESENTED.

Ayes: Hahn, Koeble

Absent: Hohl

Nays: None

Motion carried.

Unfinished Business:

- A. LCWA Information/Updates
- B. DTE Power Supply Issues
- C. RE300 Pilot Study Update

Current Business:

- A. DPW Monthly Report – September 2019 Statistics
- B. DPW Sewer Back-Up Report – 8720 Rushview Drive
- C. Phillips (Kitchen) Sewer Back-Up Damage Claim – 8720 Rushview Drive
- D. Pine Direct Sewer Connection Agreement – 6920 Winans Lake Rd.
- E. Sean Cummins Sewer Tap REU Review – 10100 Industrial Drive

5. APPROVAL OF THE MINUTES

MOTION BY KOEBLE, SUPPORTED BY HAHN TO APPROVE THE MINUTES OF THE SEPTEMBER 11th, 2019 MUNICIPAL UTILITIES COMMITTEE MEETING AS PRESENTED.

Ayes: Hahn, Koeble Absent: Hohl Nays: None

Motion carried.

6. UNFINISHED BUSINESS

A. LCWA Information/Updates.

MOTION BY HAHN, SUPPORTED BY KOEBLE TO TABLE ALL UNFINISHED BUSINESS UNTIL NEW INFORMATION IS AVAILABLE.

Ayes: Hahn, Koeble Absent: Hohl Nays: None

Motion carried.

B. DTE Power Supply Issues.

MOTION BY HAHN, SUPPORTED BY KOEBLE TO TABLE ALL UNFINISHED BUSINESS UNTIL NEW INFORMATION IS AVAILABLE.

Ayes: Hahn, Koeble Absent: Hohl Nays: None

Motion carried.

C. RE300 Pilot Study Update.

MOTION BY HAHN, SUPPORTED BY KOEBLE TO TABLE ALL UNFINISHED BUSINESS UNTIL NEW INFORMATION IS AVAILABLE.

Ayes: Hahn, Koeble Absent: Hohl Nays: None

Motion carried.

7. CURRENT BUSINESS

A. DPW Monthly Report – September Statistics. Randazzo noted that the Wastewater Treatment Plant (WWTP) was out of compliance for 22 days in September for high phosphorus. A blown fuse in a chemical pump appears to be the primary cause. A sludge haul will be needed by the end of the month once the phosphorus level is reduced using the RE300. Randazzo stated that EGLE has still not provided any feedback on the new permit application even though the old permit has expired.

Three applications for the full-time DPW technician position have been received. The application due date has been extended for another two weeks in the hopes of receiving additional applications from applicants with more experience.

MOTION BY HAHN, SUPPORTED BY KOEBLE TO NOTE THE DPW MONTHLY REPORT AS RECEIVED AND TO BE FILED AND TO ALSO FORWARD A COPY TO THE TOWNSHIP BOARD AS AN AGENDA ITEM FOR THEIR REVIEW.

Ayes: Hahn, Koeble Absent: Hohl Nays: None

Motion carried.

B. DPW Sewer Back-Up Report – 8720 Rushview Drive. Podvoyski noted that DPW technicians Kyle Sitarek and Rick Chabot responded to a grinder call on September 18, 2019 to the property located at 8720 Rushview Drive. The DPW staff determined that there was a blown breaker in the Control Panel which resulted in a flooded grinder can that, due to continuous water usage by the homeowner, caused the sewage to back-up into house. The technicians pumped out the excess water in the grinder can and replaced the grinder pump and put the sewer back in service. Photos of the sewer back-up were taken by the DPW staff and attached to their report.

MOTION BY HAHN, SUPPORTED BY KOEBLE TO FORWARD A COPY OF THE DPW SEWER BACK-UP REPORT TO THE TOWNSHIP BOARD AS AN AGENDA ITEM FOR THEIR REVIEW.

Ayes: Hahn, Koeble Absent: Hohl Nays: None

Motion carried.

C. Phillips (Kitchen) Sewer Back-Up Damage Claim – 8720 Rushview Drive. The property owner has submitted a sewer back-up damage claim to the Township in the amount of \$7,811.00 and is requesting that the Township reimburse her for at least half of the total bid which would be approximately \$3,900.00. It was noted that under PA 170 of 1964, as amended by PA 222 of 2001, the Township is not liable to reimburse the homeowner for a sewer back-up if the Township was not aware of any defect with the sewer system or was aware and did not exercise reasonable diligence to repair, correct or remedy the defect in a timely manner. Campbell noted in a similar incident that occurred in the Winans Woods subdivision the Board did reimburse the homeowner for the amount of their insurance deductible. Mrs. Phillips has a \$1,000.00 insurance deductible.

MOTION BY HAHN, SUPPORTED BY KOEBLE TO FORWARD TO THE BOARD WITH THE RECOMMENDATION TO AUTHORIZE THE REIMBURSEMENT OF THE HOMEOWNER'S INSURANCE DEDUCTIBLE IN THE AMOUNT OF \$1,000.00 AND TO REQUIRE THAT THE HOMEOWNER SIGN A RELEASE/WAIVER ABSOLVING ANY FURTHER LIABILITY ON THE PART OF THE TOWNSHIP PRIOR TO THE RELEASE OF THE CHECK TO THE HOMEOWNER.

Ayes: Hahn, Koeble Absent: Hohl Nays: None

Motion carried.

D. Pine Direct Sewer Connection Agreement – 6920 Winans Lake Road.

MOTION BY KOEBLE, SUPPORTED BY HAHN TO APPROVE THE PINE AGREEMENT FOR A DIRECT SEWER CONNECTION AS PRESENTED, AS ALL OF THE ESTIMATED SEWER FEES WERE PAID UP-FRONT IN CASH.

Ayes: Hahn, Koeble Absent: Hohl Nays: None

Motion carried.

E. Sean Cummins Sewer Tap REU Review – 10100 Industrial Drive. Campbell explained that Sean Cummins would like to move his car sales and showroom business from his current location to 10100 Industrial Drive where the former Mazur Automotive building is located. Based on the type of use of the business and the square footage of the building an additional 2.07 REUs would be accessed pursuant to Appendix 1, the Table of Unit Factors, of Ordinance 69F. This results in the additional sewer tap fees in the amount of \$9,315.00 that would need to be paid before a Land Use Permit could be issued for the new business location. The sewer review has been forwarded to Mr. Cummins for his review.

MOTION BY HAHN, SUPPORTED BY KOEBLE TO NOTE THE SEWER TAP REU REVIEW AS RECEIVED AND TO BE FILED.

Ayes: Hahn, Koeble Absent: Hohl Nays: None

Motion carried.

8. CALL TO THE PUBLIC

Seeing no requests to address the Sewer Committee, Hahn closed the call to the public.

9. INFORMATIONAL/EDUCATIONAL MATERIAL

There was no information and/or educational material available for this meeting.

10. ADJOURNMENT

MOTION BY HAHN, SUPPORTED BY KOEBLE TO ADJOURN THE MEETING.


Ayes: Hahn, Koeble Absent: Hohl Nays: None

Motion carried.

The meeting was adjourned at 3:02 p.m.

The foregoing is considered to be a true and accurate record of all items discussed. If any discrepancies or inconsistencies are noted, please contact the writer immediately.

Respectfully submitted,



Brittany K. Campbell
Hamburg Township Utilities Coordinator



Association of Public Treasurers of the United States and Canada

September 26, 2019

Mr. Jason Negri, Treasurer and
Ms. Tricia Wiggle-Bazzy, Deputy Treasurer
Hamburg Township
Post Office Box 157
Hamburg, Michigan 48139

Dear Mr. Negri and Ms. Wiggle-Bazzy:

The Association of Public Treasurers of the United States & Canada is pleased to present Hamburg Township with the Association's Investment Policy Certificate of Excellence Award. The members of the Association's Investment Policy Certification Committee congratulate your municipality for its success in developing a comprehensive written investment policy that meets the criteria set forth by the Association's Investment Policy Certificate Committee.

A team of reviewers from the Investment Policy Certification Committee reviewed your Investment Policy and approved your entity's policy for the Certificate of Excellence Award.

Your plaque will be mailed to you in the coming weeks to proudly display in your office as a testament to your commitment to your profession and your community. We hope you display this award with great pride in knowing how hard you worked to earn the Investment Policy Certification.

We encourage you to attend the 2020 Annual Conference in Henderson Nevada, July 19-22 at the Green Valley Ranch Resort to be recognized in front of your peers at the Annual Meeting and Awards Dinner. If you have any questions regarding your Certification, please don't hesitate to contact the Association at 989-820-5205 or info@aptusc.org.

Once again, Congratulations on creating an excellent investment policy and attaining this award.

Sincerely,

Roger Wisecup, CPA, CPFA, ACPFIM
Investment Policy Certification Committee Chairperson

**Hamburg Township
Ordinance No. 101**

**Ordinance Repealing Portage Lakes Sewage, Portage Base Lakes Sewage Use
Amendment and Wastewater Treatment Plan Revenue Bond Ordinances**

An Ordinance repealing Hamburg Township Ordinance No. 51 Portage Base Lakes Sewage, Ordinance No. 55 Portage Base Lakes Sewage Use Amendment and Wastewater Treatment Plan Revenue Bond and Wastewater Treatment Plan Revenue Bond Ordinances.

Section 1.0. Title

This Ordinance shall be known and may be cited as the Hamburg Township Portage Base Lakes Sewage, Portage Base Lakes Sewage Use Amendment and Wastewater Treatment Plan Revenue Bonds Repealer Ordinance.

Section 2.0. Intent and Purpose

The purpose of this Ordinance is to repeal the following Hamburg Township Ordinances in their entirety:

- a. Ordinance No. 51 – known as the Portage Base Lakes Sewage Ordinance adopted July 9, 1991 and effective August 23, 1991. The Ordinance is unnecessary and obsolete.
- b. Ordinance No. 55 – known as the Sewer Use Ordinance for the Sewer District of the Portage-Base Lakes Water & Sewer Authority Ordinance adopted March 10, 1992 and effective April 10, 1992, along with all subsequent Amendments No. 1/1-A, No. 2/1-B, No. 3/1-C, No. 4/1-D, No. 5/1-E, No. 6/1-F, No. 7/1-G, No. 8/1-H, No. 9/1-I. The Ordinance is unnecessary and obsolete.
- c. Ordinance No. 66 – known as the Wastewater Treatment Plan Revenue Bond Ordinance adopted May 15, 1997 and effective immediately. The Ordinance is unnecessary and obsolete.

Section 3.0. Repealer

Hamburg Township Ordinances No. 51, No. 55, 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I and No. 66 are hereby repealed in their entirety.

Section 4.0. Effective Date

This Ordinance will become effective the day following publication in the Livingston Daily Press & Argus. This Ordinance was adopted on the Day of 2019 by the Hamburg Township Board at a meeting duly scheduled for the conduct of Township business.

AYES:

NAYS:

ABSENT:

Resolution Carried.

Certification

I, Michael Dolan, being the duly elected Clerk of the Township of Hamburg, County of Livingston and State of Michigan hereby certify that this Hamburg Township Ordinance No. , was duly approved by the Township Board at their regular meeting of Tuesday, ,2019 and was published within 30 days after its adoption by printing the same in the Livingston County Press & Argus on .

Original signed by:

Michael Dolan
Hamburg Township Clerk

Date Adopted:

Date Published:

Effective Date:



HAMBURG TOWNSHIP FIRE DEPARTMENT

10100 VETERANS MEMORIAL DRIVE
P.O. Box 157 ♦ HAMBURG, MI 48139-0157
PHONE: 810-222-1100 ♦ FAX: 810-231-1974
E-MAIL: HTFD@HAMBURG.MI.US

FIRE CHIEF NICK MILLER
FIRE MARSHAL JORDAN ZERNICK

Date: November 14, 2019
To: Hamburg Township Board
From: Fire Chief Nick Miller
Re: Firefighter Promotion

Information:

After over 18 months of classroom and practical training; Firefighter Trainee Scott Flohr, Brandon Dolan, & Daniel Hill have successfully fulfilled the requirements to become fully trained HTFD Firefighter EMT's.

Results:

The Firefighter Trainee transition to Firefighter EMT will increase their hourly rate from \$13.63/hr to \$17.78/hr.

Requested Action:

Motion to approve the promotion and pay increases for Firefighter Trainee Scott Flohr, Brandon Dolan, & Daniel Hill to fully trained Firefighter EMT effective November 17th, 2019.

Thank you,

Nick Miller
Fire Chief



Hamburg Township Public Safety Administration

PO BOX 157 • HAMBURG, MICHIGAN 48139
PHONE: (810) 222-1171 • FAX: (810) 231-9401



RICHARD DUFFANY, DIRECTOR OF PUBLIC SAFETY/CHIEF OF POLICE
NICK MILLER, DEPUTY DIRECTOR OF PUBLIC SAFETY/FIRE CHIEF

RDUFFANY@HAMBURG.MI.US
NMILLER@HAMBURG.MI.US

To: Personnel Committee
From: Chief Richard Duffany
Date: October 25, 2019
RE: Fire Chief Salary Adjustment

Fire Chief Nick Miller was promoted to his position on September 18, 2018 as part of the implementation of the Hamburg Township Public Safety Administration. His starting salary was set at \$82,500 per year. Chief Miller received the Township-wide cost of living increase on July 1, 2019 which brought his salary to its current rate of \$84,562 per year.

On September 18, 2019 Chief Miller completed his first year as Fire Chief. Chief Miller has demonstrated that he has the capacity to lead HTFD effectively for years to come as the Fire Chief and has continued to show his unwavering dedication to the department and this community. Further, his work ethic has been instrumental in the successful implementation of the Public Safety Administration.

I believe that a review of Chief Miller's salary is warranted as his salary is over \$10,000 per year (11 %) less than the average salary of the full-time fire chiefs in Livingston County (See attached salary comparison).

I am recommending that Chief's Miller salary be adjusted to be more reflective of the prevailing average compensation received by his position in this county. It would also be my recommendation that Chief Miller's salary adjustment be accomplished in two phases as follows:

11/07/19: \$89,000 per year

09/18/20: \$94,000 per year

As a matter of benchmarking, this salary adjustment would put him at or near the average salary of the full-time fire chiefs in Livingston County but still in the lower half by comparison.

Respectfully,

A handwritten signature in cursive script, appearing to read "Richard Duffany".

Director of Public Safety/Chief of Police

Livingston County Full-Time Fire Chief Salary Comparison

Department	Approximate population Served	Response Area (Sq. miles)	Approximate Yearly Runs	Full-Time Staff	Paid on Call Staff (Approx.)	Salary
Brighton Area	41,500	72	2100	15	80	\$112,000
Howell Area	34,500	144	1350	7	70	\$106,000
Hartland	24,000	90	800	7	50	\$95,000
Green Oak	16,000	36	1600	6	45	\$93,000
Hamburg	22,000	36	1400	4	42	\$84,562
Putnam	10,000	36	650	2	30	\$79,000
Average Livingston County Fire Chief Salary						\$94,927



10405 Merrill Road ♦ P.O. Box 157
Hamburg, MI 48139
Phone: 810.231.1000 ♦ Fax: 810.231.4295
www.hamburg.mi.us

11/15/19

To: Hamburg Township Board
From: Tony Randazzo

Re: 2020 Livingston County Digital Aerial Photography

Livingston County will be acquiring new high resolution digital aerial photography next year. This has been done every five years to update the digital imagery that is used by GIS users all over the county. They would like each local unit to sign a letter of intent for the project. The work will be done in the spring and data delivery will occur in the fall. This allows us to plan for the expenditure in next year's budget as we won't be invoiced until we receive the imagery.

Our staff uses the digital aerials on a daily basis, particularly in Planning and Zoning, and Assessing. I recommend that we sign the letter of intent to purchase the three inch resolution option. In the past, we have had only six inch resolution imagery, but the three inch pixel option will give us much more detail which in turn will be more useful to our staff. Our share of the cost in this project will be \$9,385.55 and will be included in the Tech Services budget for 2020-2021.

Letter of Intent to Become a Partner in the
2020 Aerial Acquisition

Livingston County plans to partner with the State of Michigan to acquire high resolution imagery for the year 2020. Based on the Concept Plan for this flight

_____, intends to become a partner in this project.
(agency name)

More information about Michigan Statewide Authoritative Imagery & Lidar (MiSAIL) Program can be found on the State's website.

https://www.michigan.gov/som/0,4669,7-192-78943_78944_78949_78952_63834---,00.html

Project Cost: We understand that the total cost for Livingston County's portion of this project will be between \$63,000 and \$175,000, based on final photography specifications. Costs will be shared among local unit partners based on area, population and parcel count for 6 inch imagery or imagery specifications for the 3 inch buy-up option. If my unit requests the 3 inch resolution buy-up option, cost shares with contiguous units will need to be recalculated by LC GIS, our contribution being based on the tile geography specified under the MiSAIL Program. We also understand that this amount for each partner may vary based on the total number of partners. A document showing the current projected costs for each partner is attached.

The partners will jointly own imagery, distribution to others will follow guidelines defined by Sections 7 and 8 of the Intergovernmental Agreement for Access to G.I.S. Data.

Authorizing signature _____
Has the authority to sign contracts and to commit agency funds.

Title _____

Date _____

We would like the 6 inch resolution option.

We would like the 3 inch resolution buy-up option.

APPROVED AS TO FORM FOR COUNTY OF LIVINGSTON:

COHL, STOKER & TOSKEY, P.C.

By: MATTIS D. NORDFJORD

On: October 30, 2019



Township Board Cover Sheet

Ginger & Boyd Drive Sanitary Sewer Improvement S.A.D.

First Public Hearing to Establish S.A.D.

Information Packet:

Hamburg Township has been approached by residents living on Ginger Drive and Boyd Drive requesting that the sanitary sewer system be extended to their properties through a Township financed special assessment district. This project would consist of the establishment of a S.A.D. with the sanitary sewer improvements constructed under the direction of the Township Engineer. Based upon property owner response, there are enough petitions to proceed with creating the district.

The following items have been included for the Board's review:

1. **Notice of First Public Hearing:**

- A. Affidavit of Mailing
- B. Hearing Cover Letter
- C. Notice of Improvement Hearing – per Public Act 188 requirements
- D. Mailing List of Property Owners included in S.A.D.
- E. Estimate of Cost for the proposed Sanitary Sewer Improvement S.A.D.
- F. Proposed Ginger & Boyd Drive Special Assessment Roll

2. **Project Resolution(s):**

- **Resolution No. 3** – Resolution Approving Petitions, Project, Cost Estimates, Special Assessment District and Causing the Special Assessment Roll to be Prepared
- **Resolution No. 4** – Resolution Acknowledging the Filing of the Ginger & Boyd Drive Special Assessment Roll, Scheduling a Hearing and Directing the Issuance of the Statutory Notices

NOTE: Resolution No. 4 will set the date and time for the second public hearing to be held to adopt the Assessment Roll. I am recommending that the 2nd public hearing be scheduled for **Tuesday, December 17th, 2019 beginning at 5:00 p.m.** to allow enough time for notice to be published in the newspaper as well as mailing individual notices to property owners.

The Ginger & Boyd Drive Sanitary Sewer Improvement district will be included on the upcoming bond issue along with a number of Road Improvement projects.

Drafted: November 5th, 2019



10405 Merrill Road ♦ P.O. Box 157
Hamburg, MI 48139
Phone: 810.231.1000 ♦ Fax: 810.231.4295
www.hamburg.mi.us

AFFIDAVIT OF MAILING

STATE OF MICHIGAN)
)ss
COUNTY OF LIVINGSTON)

BRITTANY K. CAMPBELL, being first duly sworn, deposes, and says that she personally prepared for mailing, and did on November 6, 2019, send by first-class mail, the proposed **Ginger and Boyd Drive – Sanitary Sewer Special Assessment District** notice of first public hearing, a true copy of which is attached hereto, to each record owner of or party in interest in all property to be assessed for the improvement described therein, as shown on the last local tax assessment records of the Township of Hamburg; that she personally compared the address on each envelope against the list of property owners as shown on the current tax assessment rolls of the Township; that each envelope contained therein such notice and was securely sealed with postage fully prepaid for first-class mail delivery and plainly addressed; and that she personally placed all of such envelopes in a United States Post Office receptacle on the above date.

Brittany K. Campbell
Brittany K. Campbell
Hamburg Township Utilities Coordinator

Subscribed and sworn to before me
this 6th day of November, 2019.

Courtney L. Paton
Jackson, Notary Public
Livingston County, MI
My commission expires: 1/17/2024

COURTNEY L. PATON
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF JACKSON
My Commission Expires 01/17/2024
Acting in the County of Livingston

November 6th, 2019

Re: **Ginger & Boyd Drive – Sanitary Sewer Special Assessment District**
Notice of First Public Hearing

Dear Property Owner,


Enclosed is a copy of the Notice of Improvement Hearing to establish the Ginger and Boyd Drive sanitary sewer special assessment district (SAD). The project will consist of the installation of a sanitary sewer collection main, grinder pump stations and transmission lines to service the properties in the Ginger and Boyd Drive area of the Township that are within the boundaries indicated on the attached map, along with all necessary construction, drainage and restoration for such project.

The Township Board has scheduled the first public hearing for Tuesday, November 19th, 2019 to begin at 5:00 p.m. here at the Township Offices located at 10405 Merrill Road. The purpose of the meeting is to discuss the desire to establish the district, the district boundaries and the estimated cost of the project. The estimated sanitary sewer project cost is \$408,865.91 which will be split among the 17 parcels within the district. The Engineer is estimating that the cost for the fourteen (14) occupied parcels, lots with a home on it, will be assessed approximately \$26,511.22 and the three (3) vacant lots will be assessed around \$12,569.59 over a 10-year period plus interest at the rate determined once the bonds are sold in the spring.

Any property owner or owners who wish to remove their support for the project must submit a letter in writing to the Township requesting to rescind their signatures from the petition by the first public hearing on November 19th. Letters may be addressed to me or the Township Clerk, Michael Dolan, and mailed to Hamburg Township, P.O. Box 157, Hamburg, MI 48139. Faxed copies or emailed/scanned copies cannot be accepted. If after the first public hearing there is still enough support to move forward with establishing the special assessment district the Board will pass a resolution to schedule the 2nd public hearing for the purpose of discussing the Assessment Roll and adoption by the Township Board which will authorize the collection of the special assessments that will first appear on the December 1, 2020 tax bill.

If you would like to discuss the sanitary sewer project before the public hearing please feel free to contact the Township Supervisor, Patrick J. Hohl, at (810) 231-1000 Ext. 202 or his direct line at (810) 222-1116 or via email at pathohl@hamburg.mi.us.

Sincerely,



Brittany K. Campbell
Hamburg Township Utilities Coordinator



10405 Merrill Road ♦ P.O. Box 157
Hamburg, MI 48139
Phone: 810.231.1000 ♦ Fax: 810.231.4295
www.hamburg.mi.us

NOTICE OF PUBLIC HEARING

Hamburg Township
Livingston County, Michigan

NOTICE OF PUBLIC HEARING UPON A PROPOSED SANITARY SEWER IMPROVEMENT PROJECT AND SPECIAL ASSESSMENT DISTRICT FOR GINGER & BOYD DRIVE

NOTICE IS HEREBY GIVEN:

(1) The Township Board of Hamburg Township, Livingston County, Michigan, in accordance with the laws of the State of Michigan, will hold a public hearing on Tuesday, November 19, 2019 at 5:00 p.m., at the Hamburg Township Hall, 10405 Merrill Road, Hamburg, Michigan 48139, to review the following proposed special assessment district:

HAMBURG TOWNSHIP GINGER & BOYD DRIVE SANITARY SEWER IMPROVEMENT SPECIAL ASSESSMENT DISTRICT

and to hear any objections thereto and to the proposed Project and to the petitions filed with the Township Board requesting the Project.

(2) The project (the “Project”) will consist of the installation of a sanitary sewer collection main, grinder pump stations and transmission lines to service the properties in the Ginger and Boyd Drive area of the Township, along with all necessary construction, drainage and restoration for such project. The Project is being designed to serve the properties in the Special Assessment District, which properties are adjacent to Ginger Drive and Boyd Drive, and which properties are identified by the following permanent parcel numbers:

15-22-100-006	15-22-100-007	15-22-100-043	15-22-100-045
15-22-105-001	15-22-105-002	15-22-105-003	15-22-105-004
15-22-105-005	15-22-105-006	15-22-105-012	15-22-105-016
15-22-107-001	15-22-107-002	15-22-107-003	15-22-107-004
15-22-107-005			

(3) The Township plans on imposing special assessments on the properties located in the Special Assessment District to pay for the costs of the Project.

(4) The plans and cost estimates for the proposed Project, the boundaries of the Special Assessment District and the petitions filed in support of the Project are now on file in the office of the Township Clerk for public inspection. Periodic redeterminations of the cost of the Project may be made, and subsequent hearings shall not be required if such cost redeterminations do not increase the estimated cost of the Project by more than 10%. Any person objecting to the proposed Project, the petitions for the Project or the proposed Special Assessment District shall file an objection in writing with the Township Clerk before the close of the November 19th, 2019 hearing, or within such further time the Township Board may grant.

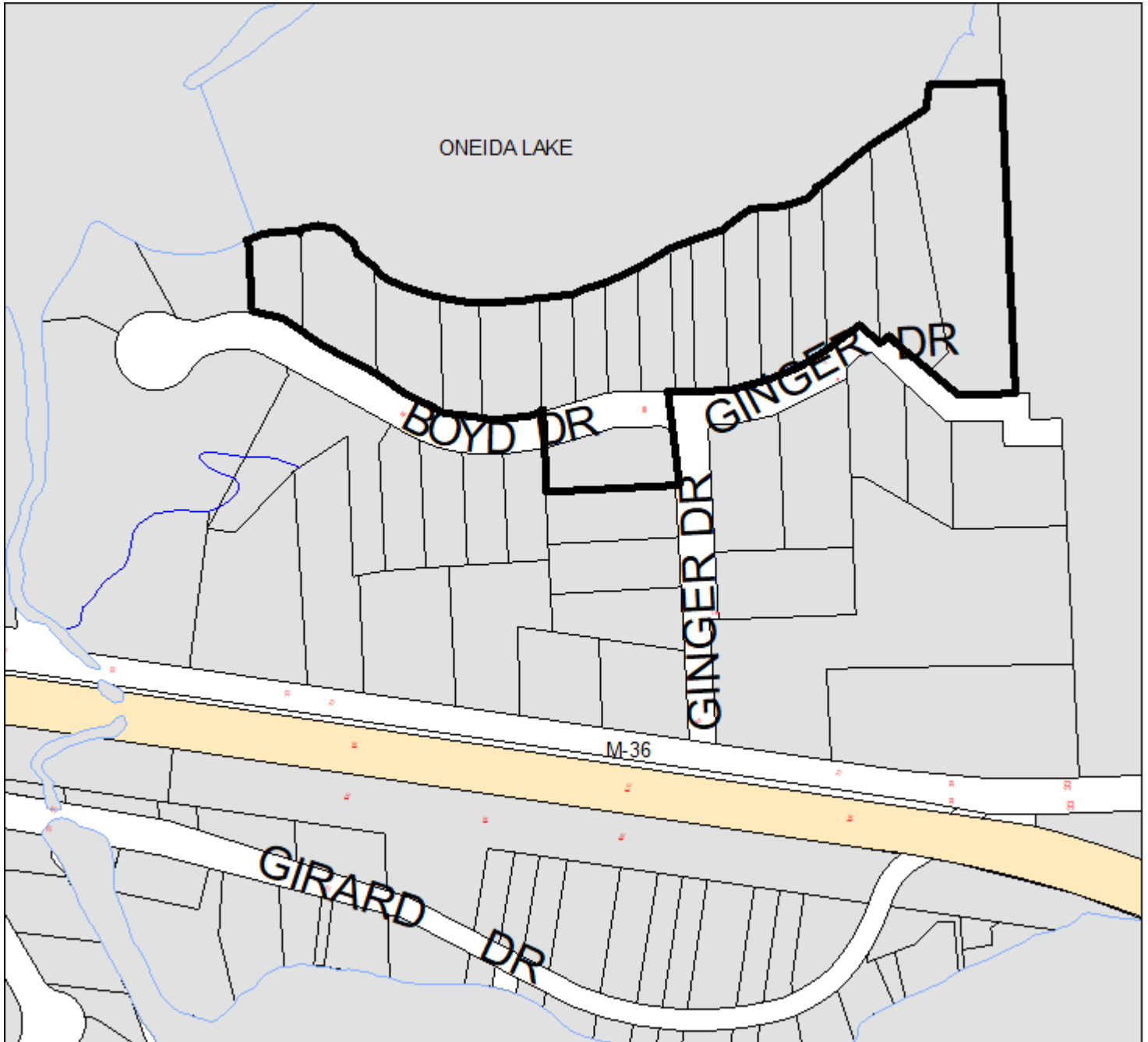
This notice is given by order of the Hamburg Township Board.

Dated: November 6th, 2019

Michael Dolan
Hamburg Township Clerk
10405 Merrill Rd. P.O. Box 157
Hamburg, MI 48139

GINGER & BOYD DRIVE – SANITARY SEWER SPECIAL ASSESSMENT DISTRICT
Hamburg Township, Livingston County, Michigan

The general service area in which a proposed special assessment district is to be designated. The Hamburg Township Board of Trustees may adjust the district boundaries based upon property owner response in support of creating a sanitary sewer special assessment district.



General service area establishing the Ginger & Boyd Drive – Sanitary Sewer Special Assessment District. **Proposed special assessment district boundary shown within thick black-lined area.**

15-22-100-006
Paul Romeo
4997 Boyd Dr.
Pinckney, MI 48169

15-22-100-007
Stephen D. Schurman
5011 Boyd Dr.
Pinckney, MI 48169

15-22-100-043
David P. & Karen M. Miller
5143 Ginger Dr.
Pinckney, MI 48169

15-22-100-045
Steven & Kim Goffee
5155 Ginger Dr.
Pinckney, MI 48169

15-22-105-001
Patrick J. Raftary Living Trust
18370 Ryanwood
Riverview, MI 48192

15-22-105-002
Marjorie A. Resetar
16351 Rotunda, Apt. 377
Dearborn, MI 48120

15-22-105-003
Joseph, II & Patricia M. Gabli
5088 Boyd Dr.
Pinckney, MI 48169

15-22-105-004
Donald Dennington & Robert & Donna
Perchard
7424 Provincial
Canton MI 48187

15-22-105-005
Wayne M. & Catherine L. Sayre
5059 Boyd Dr.
Pinckney, MI 48169

15-22-105-006
David Berkey
5043 Boyd Dr.
Pinckney, MI 48169

15-22-105-012
Patricia M. Gabli
5088 Boyd Dr.
Pinckney, MI 48169

15-22-105-016
Patricia A. Cooke
5035 Boyd Dr.
Pinckney, MI 48169

15-22-107-001
Richard Roldan
5135 Ginger Dr.
Pinckney, MI 48169

15-22-107-002
Lynn A. Harden
P.O. Box 520
Lakeland, MI 48143

15-22-107-003
Arlene Winn & David L. Johnson
5095 Ginger Dr.
Pinckney, MI 48169

15-22-107-004
Steven W. & Kim M. Goffee
5155 Ginger Dr.
Pinckney, MI 48169

15-22-107-005
Donald E. & Heather L. Lentz
9859 James Dr.
Saline, MI 48176



**ESTIMATE OF COST
PROPOSED GINGER & BOYD DRIVE
SANITARY SEWER SPECIAL ASSESSMENT DISTRICT**

Hamburg Township Administration Expenses:

Total Township Fees: \$ 0.00

Sanitary Sewer Improvements: \$ 408,865.91

The project will consist of the installation of a sanitary sewer collection main, grinder pump stations and transmission lines to service the properties in the Ginger and Boyd Drive area of the Township, along with all necessary construction, drainage and restoration for such project.

Total Estimated Project Cost \$ 408,865.91

\$ 408,865.91 divided by 17 Parcels = **\$26,511.22 per Occupied parcel;** and

\$12,569.59 per Vacant parcel.

NOTE:

The cost of the sanitary sewer improvements will be financed through special assessment bonds. Property owners within the SAD will only be charged for the sanitary sewer improvement construction charges. The Township will pay for all legal and administrative fees to establish the district and for the sale of the bond to finance the project. Annual principal payments will be equally assessed per parcel plus interest on the unpaid balance. The interest amount will be determined by the market interest rate for the sale of the Bonds at the time the project is financed. The assessment costs will be presented to property owners prior to establishing the special assessment district.

HAMBURG TOWNSHIP
GINGER & BOYD DRIVE SANITARY SEWER IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
EXHIBIT "B"

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-22-100-006	Paul Romeo 4997 Boyd Dr. Pinckney, MI 48169	SEC 22 T1N R5E COM AT PT N 57*22'W 181.10 FT FROM SW COR LOT 7 BOYDS SUB TH N 57*W 20.9 FT TH ALG CHD BRG N 70*W 77.88 FT TH N 1*W 162.11 FT TH N 81*E 82.16 FT TH S 50*E 11.27 FT TH S 1*E 204.29 FT TO POB.	\$ 241,569.00	Occupied	\$ 26,511.22
15-22-100-007	Stephen D. Schurman 5011 Boyd Dr. Pinckney, MI 48169	SEC 22 T1N R5E COM N 57*22'W 72.44 FT FROM SW COR LOT 7 BOYDS SUB NO 1 FOR POB TH N 57*22'W 108.66 FT TH N 1*27'W 204.29 FT TH S 50*00'30"E 93.91 FT TH S 62*19' E 22.43 FT TH S 1*27'E 192.10 FT TO POB THE E & W LINES OF SAID LAND SHALL EXTEND NLY TO LOW WATER MARK OF ISLAND LAKE.	336,340.00	Occupied	26,511.22
15-22-100-043	David P. & Karen M. Miller 5143 Ginger Dr. Pinckney, MI 48169	SEC 22 T1N R5E BEG N55*E 35.77 FT FROM NE COR LOT 1 DE BRAAFS SUB TH N52*E 80 FT ALG EDGE ISLAND LK TH S12*E 421.97 FT TH S45*W 75 FT TH N44*W 100 FT TH N4*W 357.09 FT TO POB.	330,050.00	Occupied	26,511.22
15-22-100-045	Steven & Kim Goffee 5155 Ginger Dr. Pinckney, MI 48169	SEC 22 T1N R5E COMM AT NE COR LOT 1 DEBRAAF'S SUB TH N 53*23' 20" E 35.83 FT TH N 51*08' 31" E 79.78 FT TO POB TH N13*38' 22"W 2 FT TH N87*20'03"E 2 FT TH N 51*08'31" E 62.22 FT TH N26*05'49" E 34.91 FT TH N 87* 20'03"E 127.94 FT TH S02*55'39"E 588.95 FT TH S 87*07'47"W 124.65 FT TH N 46*34'16"W 64.55 FT TH N 43*18'52"E 74.94 FT TH N 13*38'22"W 431.35 FT TO POB 2.08 AC.	442,595.00	Occupied	26,511.22

HAMBURG TOWNSHIP
GINGER & BOYD DRIVE SANITARY SEWER IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-22-105-001	Patrick J. Raftary Living Trust 18370 Ryanwood Riverview, MI 48192	SEC 22 T1N R5E BOYDS SUBDIVISION NO 1 LOT 1	\$ 245,026.00	Occupied	\$ 26,511.22
15-22-105-002	Marjorie A. Resetar 16351 Rotunda, Apt. 377 Dearborn, MI 48120	SEC 22 T1N R5E BOYDS SUBDIVISION NO 1 LOT 2	191,853.00	Occupied	26,511.22
15-22-105-003	Joseph, II & Patricia M. Gabli 5088 Boyd Dr. Pinckney, MI 48169	SEC 22 T1N R5E BOYDS SUBDIVISION NO 1 LOT 3	89,672.00	Vacant	12,569.59
15-22-105-004	Dennington Family Rev. Living Trust Robert & Donna Perchard 7424 Provincial Canton, MI 48187	SEC 22 T1N R5E BOYDS SUBDIVISION NO 1 LOT 4	89,968.00	Vacant	12,569.59
15-22-105-005	Wayne M. & Catherine L. Sayre 5059 Boyd Dr. Pinckney, MI 48169	SEC 22 T1N R5E BOYDS SUBDIVISION NO 1 LOT 5	264,117.00	Occupied	26,511.22
15-22-105-006	David Berkey 5043 Boyd Dr. Pinckney, MI 48169	SEC 22 T1N R5E BOYDS SUBDIVISION NO 1 LOT 6	264,675.00	Occupied	26,511.22
15-22-105-012	Patricia M. Gabli 5088 Boyd Dr. Pinckney, MI 48169	SEC 22 T1N R5E BOYDS SUBDIVISION NO 1 LOT 12	162,132.00	Occupied	26,511.22

HAMBURG TOWNSHIP
GINGER & BOYD DRIVE SANITARY SEWER IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
 NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-22-105-016	Patricia A. Cooke 5035 Boyd Dr. Pinckney, MI 48169	SEC 22 T1N R5E BOYDS SUBDIVISION NO 1 LOT 7 ALSO BEG SW COR LOT 7 TH N57*W 72.44 FT ALG NLY R/W 66 FT RD TH N01*W 192.1 FT TH S62*E 68.69 FT TO NW COR LOT 7 TH S01*E 199.26 FT ALG W LINE LOT 7 TO POB.	\$ 377,144.00	Occupied	\$ 26,511.22
15-22-107-001	Richard Roldan 5135 Ginger Dr. Pinckney, MI 48169	SEC 22 T1N R5E DE BRAAFS SUB D LOT 1 ALSO BEG AT NE COR LOT 1 SAID SUB TH N 55* 32' E 35.77 FT ALG LOW WTR MARK ISLAND LAKE TH S 04*34'30"E 357.09 FT TH N 44*47'30"W 72.09 FT TO SE COR OF SD LOT 1 OF DEBRAAFS SUB TH N 01*27' W 284.4 FT ALG E LN SAID LOT 1 TO POB.	384,273.00	Occupied	26,511.22
15-22-107-002	Lynn A. Harden P.O. Box 520 Lakeland, MI 48143	SEC 22 T1N R5E DE BRAAFS SUBDIVISION LOT 2	112,640.00	Vacant	12,569.59
15-22-107-003	Arlene Winn & David L. Johnson 5095 Ginger Dr. Pinckney, MI 48169	SEC 22 T1N R5E DE BRAAFS SUBDIVISION LOT 3	433,917.00	Occupied	26,511.12
15-22-107-004	Steven W. & Kim M. Goffee 5155 Ginger Dr. Pinckney, MI 48169	SEC 22 T1N R5E DE BRAAFS SUBDIVISION LOT 4	241,048.00	Occupied	26,511.12
15-22-107-005	Donald E. & Heather L. Lentz 9859 James Dr. Saline, MI 48176	SEC 22 T1N R5E DE BRAAFS SUBDIVISION LOT 5	239,608.00	Occupied	26,511.12

HAMBURG TOWNSHIP
GINGER & BOYD DRIVE SANITARY SEWER IMPROVEMENT PROJECT
PROPOSED SPECIAL ASSESSMENT ROLL
NOVEMBER 19, 2019

Total Project Assessments: \$ 408,865.91

TOTAL ESTIMATED PROJECT COST: \$ 408,865.91

Resolution #3 – Ginger & Boyd Drive Sanitary Sewer Improvement Project

TOWNSHIP OF HAMBURG

At a regular meeting of the Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) held at the Hamburg Township Hall Meeting Room on Tuesday, November 19th, 2019, beginning at 7:00 p.m. Eastern Time, there were:

PRESENT: _____

ABSENT: _____

The following preamble and resolution were offered by _____ and seconded by _____.

RESOLUTION APPROVING PETITIONS, PROJECT, COST ESTIMATES, SPECIAL ASSESSMENT DISTRICT AND CAUSING THE SPECIAL ASSESSMENT ROLL TO BE PREPARED

WHEREAS, the Township Board of Trustees (the “Township Board”) has received petitions from property owners in the Township (the “Petitions”) for certain sanitary sewer improvements to be made along Ginger Drive and Boyd Drive located in the Township;

WHEREAS, the Township Board has determined to proceed with the Ginger Drive and Boyd Drive sanitary sewer improvements as described in Exhibit A (the “Project”);

WHEREAS, preliminary plans and cost estimates for the Project have been filed with the Township Clerk;

WHEREAS, the Township Board has tentatively determined to finance the cost of the Project by issuing bonds (the “Bonds”), in accordance with Act No. 188, Michigan Public Acts of 1954, as amended (“Act 188”);

WHEREAS, the Township Board has tentatively determined to use Special Assessments levied under Act 188 to raise the funds to pay the Township’s obligations on the Bonds;

WHEREAS, the Township Board held a public hearing on the Project, the Petitions that have been submitted to the Township Board requesting the Project, and the proposed special assessment district (the “Special Assessment District”) for the Project on November 19, 2019;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. In accordance with Act 188, and the laws of the State of Michigan, the Township Board approves the completion of the Project and the Township Board approves the plans and cost estimates for the Project, which are on file with the Township Clerk and which are identified as “Plans and Cost Estimates for the “Ginger & Boyd Drive Sanitary Sewer Improvement Project”.

2. The Township Board determines that the petitions for the Project submitted to the Township Board were sufficient to satisfy the requirements under Act 188 for initiating an improvement project.

3. The Township Board determines that the Special Assessment District for the Project shall consist of those properties that are described in Exhibit B. The term of the special assessment district shall be through 2030, or such shorter period of time as may be determined by the Township Board prior to the issuance of the Bonds.

4. After construction costs for the Project are determined, the Township Supervisor is directed to prepare the Special Assessment Roll for the Special Assessment District as identified in Exhibit B. The Special Assessment Roll shall describe all the parcels of land to be assessed with the names of the respective record owners of each parcel, if known, and the total amount to be assessed against each parcel of land. When the Township Supervisor completes the Special Assessment Roll, he shall affix his certificate to the roll, which certificate shall be substantially in the in the form of Exhibit C to this resolution.

A vote on the foregoing resolution was taken and was as follows:

YES: _____

NO: _____

ABSENT: _____

Resolution declared _____.

CLERK'S CERTIFICATE

The undersigned, being the Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board on November 19, 2019, at which meeting a quorum was present and remained throughout, (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1967, as amended) and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Michael Dolan
Hamburg Township Clerk

EXHIBIT A

Description of the Project

The project will consist of the installation of a sanitary sewer collection main, grinder pump stations and transmission lines to service the properties in the Ginger and Boyd Drive area of the Township that are within the boundaries indicated on the attached map, along with all necessary construction, drainage and restoration for such project.

Ginger & Boyd Drive Sanitary Sewer Improvement Project
Hamburg Township, Livingston County, Michigan

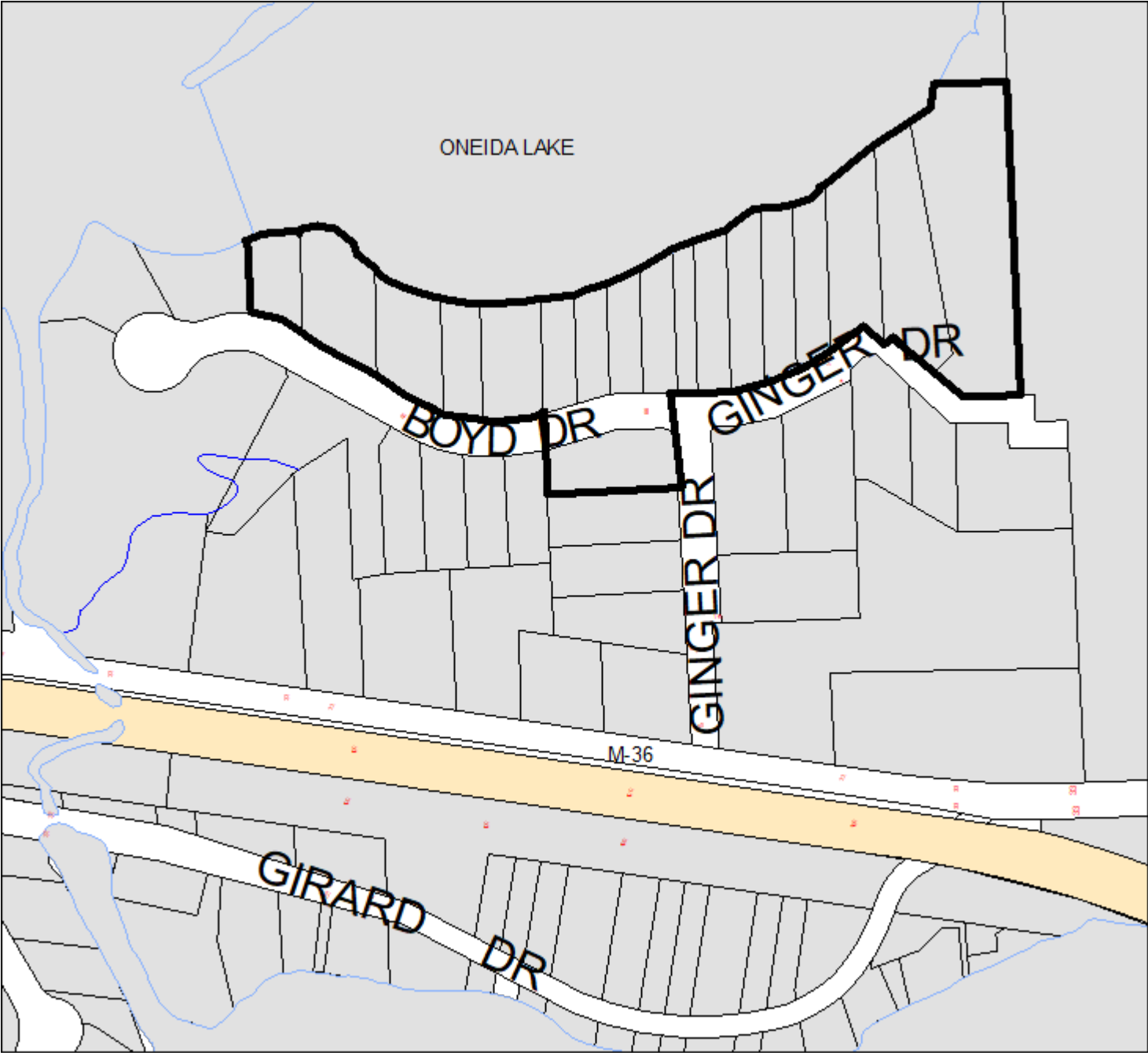


Exhibit “B”

**HAMBURG TOWNSHIP
GINGER & BOYD DRIVE SANITARY SEWER IMPROVEMENT PROJECT**

(1) The Hamburg Township Ginger & Boyd Drive Sanitary Sewer Improvement Project Special Assessment District (the “Special Assessment District”) has been formed to specially assess the lands which are benefitted from the Project described in Exhibit A.

(2) The proposed Special Assessment District, within which the cost of the Project will be assessed, consists of the properties identified by the following permanent lot and parcel numbers.

15-22-100-006	15-22-100-007	15-22-100-043	15-22-100-045
15-22-105-001	15-22-105-002	15-22-105-003	15-22-105-004
15-22-105-005	15-22-105-006	15-22-105-012	15-22-105-016
15-22-107-001	15-22-107-002	15-22-107-003	15-22-107-004
15-22-107-005			

Exhibit “C”

CERTIFICATE

I, the undersigned, Supervisor of Hamburg Township, Livingston County, Michigan (the “Township”), acting pursuant to a resolution duly adopted by the Board of the Township on November 19th, 2019 (the “Resolution”) certify that (1) the attached special assessment roll for the Hamburg Township Ginger & Boyd Drive Sanitary Sewer Improvement Project Special Assessment District, to which this Certificate is affixed, was made pursuant to the Resolution and (2) in making such roll, I have, according to my best judgment, conformed in all respects to the directions contained in the Resolution and the statutes of the State of Michigan, including Act No. 188, Public Acts of Michigan, 1954, as amended.

Dated: _____

Patrick J. Hohl
Hamburg Township Supervisor

Resolution #4 – Ginger & Boyd Drive Sanitary Sewer Improvement Project

TOWNSHIP OF HAMBURG

At a regular meeting of the Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) held at the Hamburg Township Hall Meeting Room on Tuesday, November 19th, 2019, beginning at 7:00 p.m. Eastern Time, there were:

PRESENT: _____

ABSENT: _____

The following preamble and resolution were offered by _____ and seconded by _____.

**RESOLUTION ACKNOWLEDGING THE FILING OF THE
GINGER & BOYD DRIVE SPECIAL ASSESSMENT ROLL,
SCHEDULING A HEARING
AND DIRECTING THE ISSUANCE OF THE STATUTORY NOTICES**

WHEREAS, the Board of Trustees (the “Township Board”) has determined that it is desirable and necessary to construct certain sanitary sewer improvements within the Township as described in Exhibit A (the “Project”);

WHEREAS, the Township Board has determined to proceed with the Project;

WHEREAS, the Township Board has tentatively determined to finance the cost of the Project by issuing bonds (the “Bonds”) to finance the cost of the Project, in accordance with Act No. 188, Michigan Public Acts of 1954, as amended (“Act 188”);

WHEREAS, the Township Board has tentatively determined to use Special Assessments levied under Act 188 to raise the funds to pay the Township’s obligations on the Bonds;

WHEREAS, the plans and cost estimates for the Project have been filed with the Township Clerk;

WHEREAS, the Township Supervisor has prepared the proposed Special Assessment Roll entitled “The Proposed Special Assessment Roll for the Hamburg Township Ginger & Boyd Drive Sanitary Sewer Improvement Project” (the “Proposed Roll”) and has filed the Proposed Roll with the Township Clerk;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Township Board acknowledges that the Township Supervisor has filed the Proposed Roll with the Township Clerk.

2. The Township Board acknowledges that the Supervisor has certified that (a) the Proposed Roll was prepared in accordance with the Township Board's direction and (b) the Proposed Roll was prepared in accordance with the laws of the State of Michigan.

3. In accordance with Act 188, Michigan Public Acts of 1954, as amended, and the laws of the State of Michigan, there shall be a public hearing on the Proposed Roll.

4. The public hearing will be held on Tuesday, December 17, 2019 at 5:00 p.m. at the Township Hall of Hamburg Township, Livingston County, Michigan, or at such other place as the Township Clerk may designate, provided sufficient notice is given of such alternate location as required by law.

5. The Township Clerk is directed to mail, by first class mail, a notice of the public hearing to each owner of or party in interest in property to be assessed, whose name appears upon the last Township tax assessment records. The last Township tax assessment records means the last assessment roll for ad valorem tax purposes which has been reviewed by the Township Board of Review, as supplemented by any subsequent changes in the names or addresses of such owners or parties listed thereon. The notice to be mailed by the Township Clerk shall be similar to the notice attached as Exhibit B and shall be mailed by first class mail on or before December 4, 2019. Following the mailing of the notices, the Township Clerk shall complete an affidavit of mailing similar to the affidavit set forth in Exhibit C.

6. The Township Clerk is directed to publish a notice of the public hearing in the Livingston County Press & Argus a newspaper of general circulation within the Township. The notice shall be published twice, once on or before December 4, 2019, and once on or before December 11, 2019. The notice shall be in form substantially similar to the notice attached in Exhibit B.

A vote on the foregoing resolution was taken and was as follows:

YES: _____

NO: _____

ABSTAIN: _____

Resolution declared _____.

CLERK'S CERTIFICATE

The undersigned, being the Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board on November 19, 2019, at which meeting a quorum was present and remained throughout, (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1967, as amended) and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Michael Dolan
Hamburg Township Clerk

EXHIBIT “A”

DESCRIPTION OF PROJECT

The project will consist of the installation of a sanitary sewer collection main, grinder pump stations and transmission lines to service the properties in the Ginger and Boyd Drive area of the Township that are within the boundaries indicated on the attached map, along with all necessary construction, drainage and restoration for such project.

Ginger & Boyd Drive Sanitary Sewer Improvement Project
Hamburg Township, Livingston County, Michigan

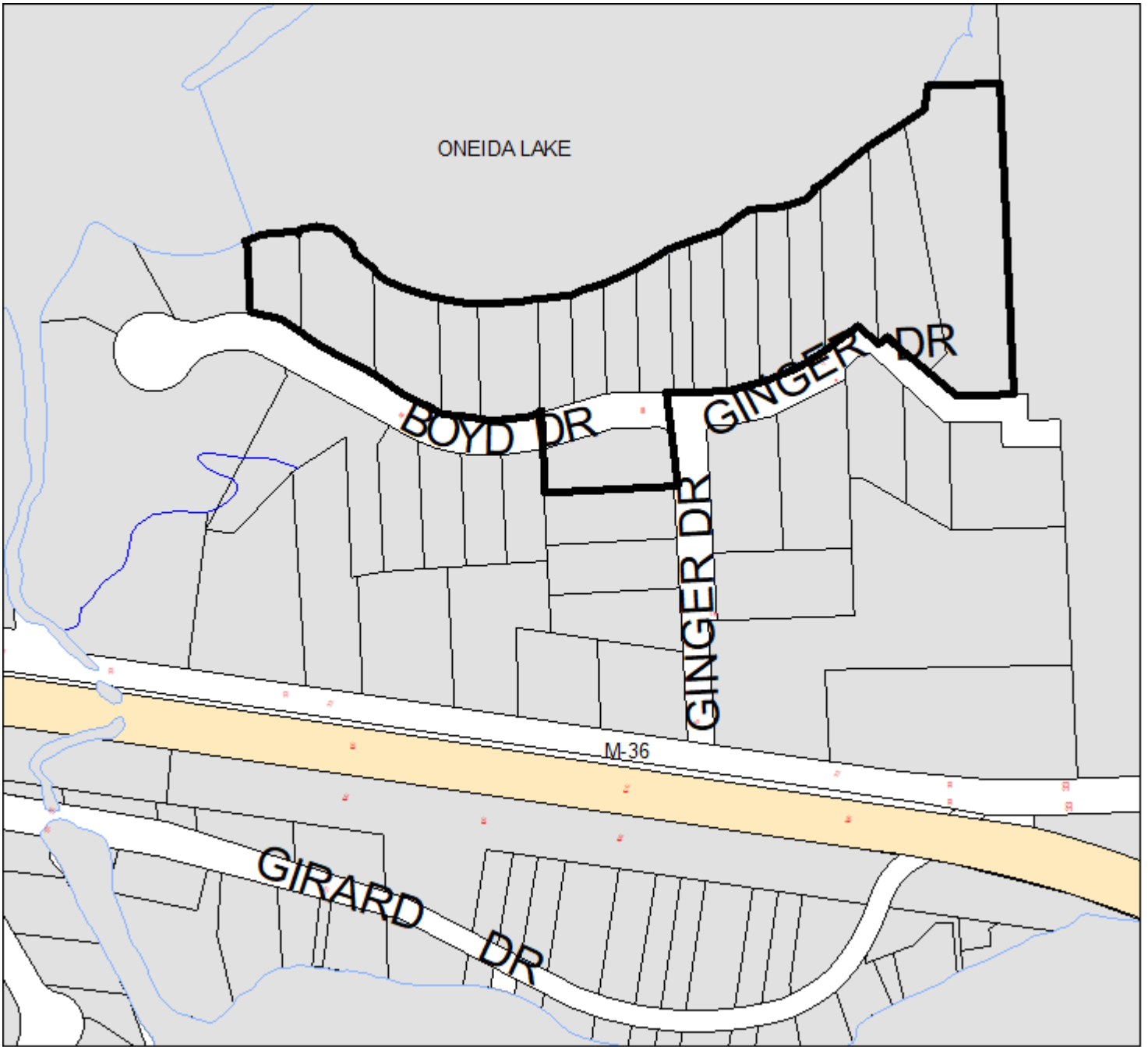


EXHIBIT “B”

FORM OF NOTICE OF PUBLIC HEARING

Hamburg Township
Livingston County, Michigan

**NOTICE OF PUBLIC HEARING
UPON SPECIAL ASSESSMENT ROLL FOR THE
GINGER & BOYD DRIVE SANITARY SEWER IMPROVEMENT PROJECT
SPECIAL ASSESSMENT DISTRICT**

NOTICE IS HEREBY GIVEN:

(1) The Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) has determined to levy special assessments against lands in the GINGER & BOYD DRIVE SANITARY SEWER IMPROVEMENT PROJECT SPECIAL ASSESSMENT DISTRICT (the “District”) that will be benefited by the construction of sanitary sewer improvements in the District. The District consists of the lands identified in the map attached to this notice and is more specifically identified by the following permanent parcel numbers:

15-22-100-006	15-22-100-007	15-22-100-043	15-22-100-045
15-22-105-001	15-22-105-002	15-22-105-003	15-22-105-004
15-22-105-005	15-22-105-006	15-22-105-012	15-22-105-016
15-22-107-001	15-22-107-002	15-22-107-003	15-22-107-004
15-22-107-005			

(2) The proposed special assessment roll for the District (the “Roll”) has been prepared and is now on file in the office of the Township Clerk and is available at such office for public examination during the hours the Township Hall is regularly open to the public for business.

(3) The Township Board will conduct a public hearing beginning at 5:00 p.m., local time on Tuesday, December 17, 2019, at the Hamburg Township Hall, 10405 Merrill Road, Hamburg, Michigan to explain and answer questions pertaining to the Roll and to hear objections to the Roll. Any person objecting to the Roll must file his or her objections in writing before the close of the public hearing or within such additional time (if any) as the Township Board may grant.

(4) The owner or other person having an interest in property that is specially assessed is entitled to file a written appeal with the Michigan Tax Tribunal within 30 days after confirmation of the Roll. However, appearance and protest at the public hearing are required by law in order to appeal the special assessment to the Michigan Tax Tribunal. An owner or other party in interest or his or her agent may (1) appear and protest in person at the hearing or (2) file an appearance and protest by letter before the close of the hearing.

The Township Board will maintain a record of the persons who appear and protest at the hearing. If the hearing is terminated or adjourned for the day before a party is provided the opportunity to be heard, a party whose appearance was so recorded shall be considered to have protested the special assessment in person.

This notice is given by order of the Hamburg Township Board.

Dated: _____

Michael Dolan
Hamburg Township Clerk
10405 Merrill Rd. P.O. Box 157
Hamburg, MI 48139

Ginger & Boyd Drive Sanitary Sewer Improvement Project
Hamburg Township, Livingston County, Michigan

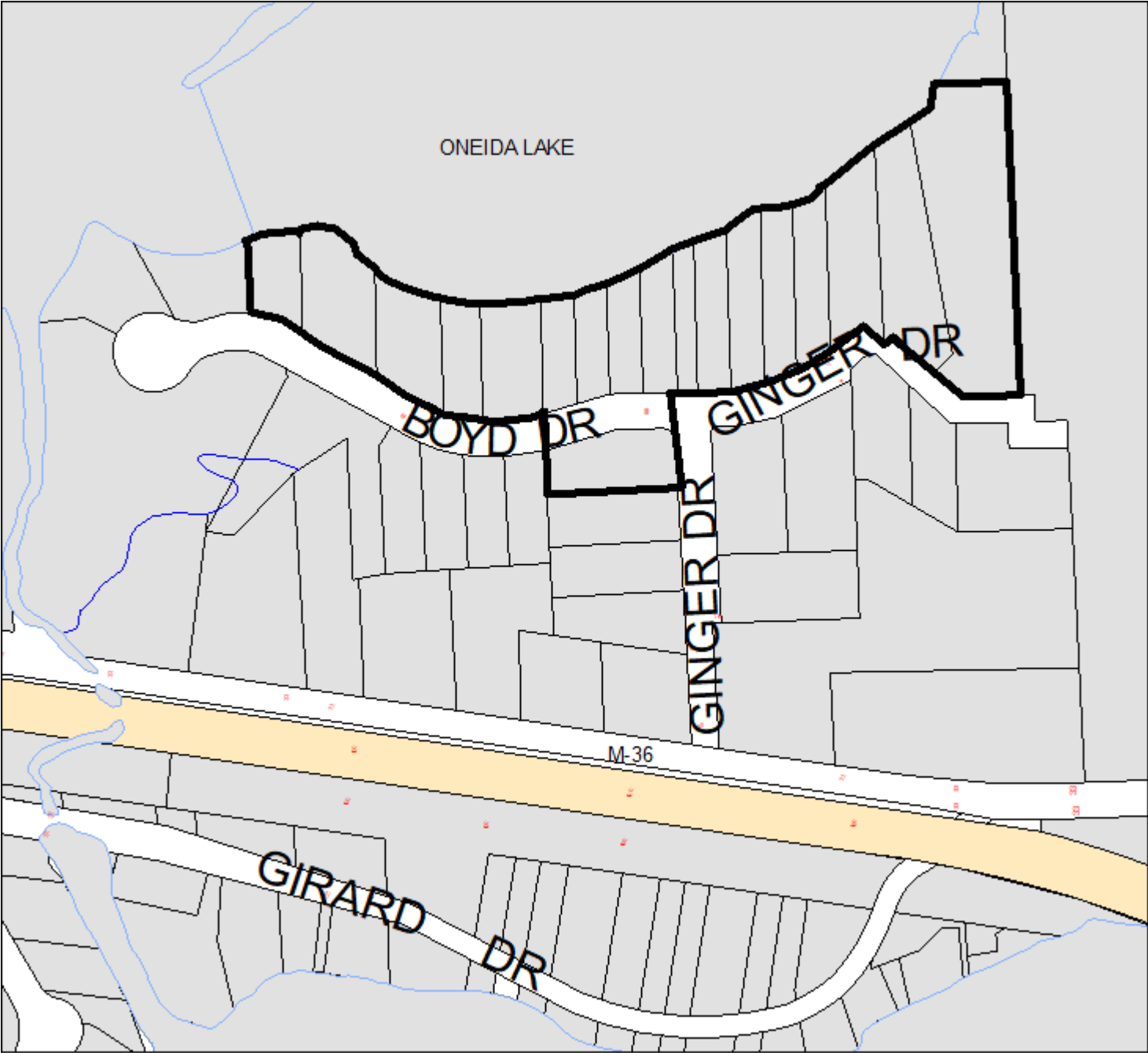


EXHIBIT "C"

AFFIDAVIT OF MAILING

STATE OF MICHIGAN)
)ss
COUNTY OF LIVINGSTON)

MICHAEL DOLAN, being first duly sworn, deposes, and says that he personally prepared for mailing, and did on December 4, 2019, send by first-class mail, the notice of hearing, a true copy of which is attached hereto, to each record owner of or party in interest in all property to be assessed for the improvement described therein, as shown on the last local tax assessment records of the Township of Hamburg; that he personally compared the address on each envelope against the list of property owners as shown on the current tax assessment rolls of the Township; that each envelope contained therein such notice and was securely sealed with postage fully prepaid for first-class mail delivery and plainly addressed; and that he personally placed all of such envelopes in a United States Post Office receptacle on the above date.

Michael Dolan
Hamburg Township Clerk

Subscribed and sworn to before me
this ____ day of _____, 2019.

_____, Notary Public
Livingston County, MI
My commission expires:



10405 Merrill Road ♦ P.O. Box 157
 Hamburg, MI 48139
 Phone: 810.231.1000 ♦ Fax: 810.231.4295
 www.hamburg.mi.us

REVISED MEMORANDUM

TO: Patrick J. Hohl, Supervisor
 Hamburg Township Board of Trustees

FROM: Brittany K. Campbell, Utilities Coordinator

DATE: November 7th, 2019

RE: **GINGER & BOYD DRIVE – SANITARY SEWER PROJECT**
 Request to Establish the Special Assessment District

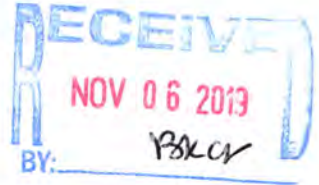
I am writing to update the Board of Trustees on the status of the proposed Ginger and Boyd Drive petition request to establish a sanitary sewer special assessment district (S.A.D.). The Township has received a number of letters requesting to rescind the homeowner’s signature(s) from the petition. There is **no** longer enough support to establish the district. The facts are as follows:

DISTRICT NAME	Ginger & Boyd Drive Sanitary Sewer District
TYPE OF DISTRICT	Sewer Service
TOTAL NUMBER OF PARCELS	17
NUMBER OF RETURNED “YES” PETITIONS	3
NUMBER OF RESCINDED PETITIONS	9
TOTAL ACREAGE OF PROPOSED DISTRICT	9.78 Acres
TOTAL “YES” ACREAGE FOR SANITARY SEWER SERVICE	1.11 Acres
PERCENTAGE OF “YES” ACREAGE TO TOTAL ACREAGE	1.11 acres divided by 9.78 acres equals = 11.37%
PERCENTAGE OF RETURNED “YES” PETITIONS TO TOTAL NUMBER OF PARCELS	3 divided by 17 = 17.65%
PERCENTAGE OF “NO” ACREAGE TO TOTAL ACREAGE	6.17 acres divided by 9.78 acres equals = 63.09%

NOTE: At this time the total percentage in favor of establishing the special assessment is less than the 50% required pursuant to Public Act 188 of 1954, as amended. The Township Board cannot move forward with the special assessment district. The petition to establish a SAD has failed.

Ginger Boyd Drive - Sanitary Sewer Special Assessment District

GINGER & BOYD DRIVE - REDUCED SANITARY SEWER SAD				
Parcel #	Property Address	Total Land Area (Acreage)	Total Acreage in Support	Acreage Opposed
15-22-100-006	4997 Boyd Dr.	0.420		0.420
15-22-100-007	5011 Boyd Dr.	0.518		0.518
15-22-100-043	5143 Ginger Dr.	0.833		0.833
15-22-100-045	5155 Ginger Dr.	2.009		2.009
15-22-105-001	5091 Boyd Dr.	0.502		
15-22-105-002	5083 Boyd Dr.	0.295	0.295	
15-22-105-003	Vacant - Boyd Dr.	0.291	0.291	
15-22-105-004	Vacant - Boyd Dr.	0.293		
15-22-105-005	5059 Boyd Dr.	0.537		0.537
15-22-105-006	5043 Boyd Dr.	0.349		
15-22-105-012	5088 Boyd Dr.	0.526	0.526	
15-22-105-016	5035 Boyd Dr.	0.624		0.624
15-22-107-001	5135 Ginger Dr.	0.893		
15-22-107-002	Vacant - Ginger Dr.	0.460		
15-22-107-003	5095 Ginger Dr.	0.415		0.415
15-22-107-004	5111 Ginger Dr.	0.413		0.413
15-22-107-005	5103 Ginger Dr.	0.399		0.399
15-22-107-006	*De Braff Subdivision Park	0.000		
	TOTAL ACREAGE WITHIN SAD:	9.78	1.11	6.17
	% in Favor of S.A.D.:	11.37		
	% Opposed to S.A.D.:	63.09		
	*Park acreage not counted for SAD. Park is 0.317 acres			November 7, 2019



Date: 11-03-2019

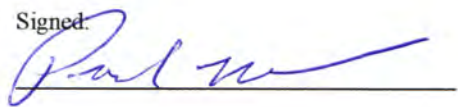
Hamburg Township Board of Trustees
Attn: Michael Dolan, Clerk
P.O. Box 157
Hamburg, MI 48139

Re: Proposed Ginger & Boyd Drive Sanitary Sewer
Special Assessment District

Dear Board Members:

We (I) wish to rescind our/my signature from the Ginger and Boyd Drive petition to create a sanitary sewer special assessment district. Based on the proposed cost to extend the sewer system we/I no longer support the project.

Print Name:
PAUL ROMEO

Signed:


Property Address:
4997 BOYD DR.
PINCKNEY, MI 48169

Parcel #15-22-100-006

Date: 11-3-19



Hamburg Township Board of Trustees
Attn: Michael Dolan, Clerk
P.O. Box 157
Hamburg, MI 48139

Re: Proposed Ginger & Boyd Drive Sanitary Sewer
Special Assessment District

Dear Board Members:

We (I) wish to rescind our/my signature from the Ginger and Boyd Drive petition to create a sanitary sewer special assessment district. Based on the proposed cost to extend the sewer system we/I no longer support the project.

Print Name:

STEPHEN D SCHURMAN

Signed:

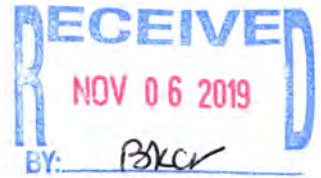


Property Address:

5011 BOYD

PINCKNEY MI 48169

Parcel # 15-22-100-007



Date: 11-4-19

Hamburg Township Board of Trustees
Attn: Michael Dolan, Clerk
P.O. Box 157
Hamburg, MI 48139

Re: Proposed Ginger & Boyd Drive Sanitary Sewer
Special Assessment District

Dear Board Members:

We (I) wish to rescind our/my signature from the Ginger and Boyd Drive petition to create a sanitary sewer special assessment district. Based on the proposed cost to extend the sewer system we/I no longer support the project.

Print Name:

DAVID P. MILLER

Signed:

David P. Miller

KAREN M. MILLER

Karen M. Miller

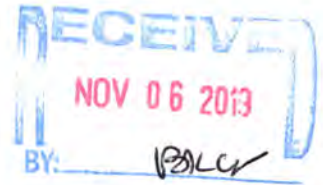
Property Address:

5143 GINGER DR.

PINCKNEY, MI 48169

Parcel #15-22-100-043

Date: 11.2.19



Hamburg Township Board of Trustees
Attn: Michael Dolan, Clerk
P.O. Box 157
Hamburg, MI 48139

Re: Proposed Ginger & Boyd Drive Sanitary Sewer
Special Assessment District

Dear Board Members:

We (I) wish to rescind our/my signature from the Ginger and Boyd Drive petition to create a sanitary sewer special assessment district. Based on the proposed cost to extend the sewer system we/I no longer support the project.

Print Name:

Kim Goffe

Signed:

Kim Goffe

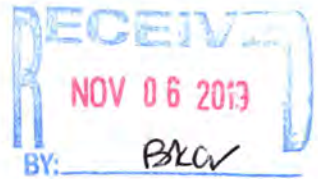
Stevie Goffe

Stevie Goffe

Property Address:

5155 Ginger Dr.
PineKney, MI 48169

Parcel #15-22-100-045



Date: November 3, 2019

Hamburg Township Board of Trustees
Attn: Michael Dolan, Clerk
P.O. Box 157
Hamburg, MI 48139

Re: Proposed Ginger & Boyd Drive Sanitary Sewer
Special Assessment District

Dear Board Members:

We (I) wish to rescind our/my signature from the Ginger and Boyd Drive petition to create a sanitary sewer special assessment district. Based on the proposed cost to extend the sewer system we/I no longer support the project.

Print Name:

PATRICIA A COOKE

Signed:

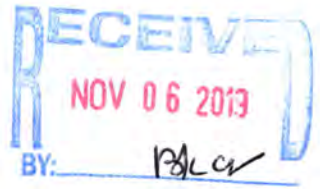
Patricia A. Cooke

Property Address:

5035 Boyd Dr

Punckney 48169

Parcel # 15-22-105-016



Date: Nov. 3, 2019

Hamburg Township Board of Trustees
Attn: Michael Dolan, Clerk
P.O. Box 157
Hamburg, MI 48139

Re: Proposed Ginger & Boyd Drive Sanitary Sewer
Special Assessment District

Dear Board Members:

We (I) wish to rescind our/my signature from the Ginger and Boyd Drive petition to create a sanitary sewer special assessment district. Based on the proposed cost to extend the sewer system we/I no longer support the project.

Print Name:
Arlene Leslie Winn

Signed:
Arlene Leslie Winn

David Lee Johnson

David Lee Johnson

Property Address:
5095 Ginger Dr
Pinckney, MI 48169

Parcel # 15-22-107-003

Date: 11.2.13



Hamburg Township Board of Trustees
Attn: Michael Dolan, Clerk
P.O. Box 157
Hamburg, MI 48139

Re: Proposed Ginger & Boyd Drive Sanitary Sewer
Special Assessment District

Dear Board Members:

We (I) wish to rescind our/my signature from the Ginger and Boyd Drive petition to create a sanitary sewer special assessment district. Based on the proposed cost to extend the sewer system we/I no longer support the project.

Print Name:

Kim Goffee

Steven Goffee

Signed:

Kim Goffee

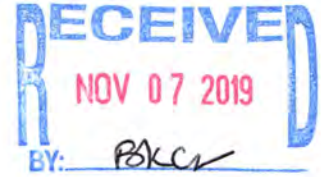
Steven Goffee

Property Address:

5111 Ginger Dr.

Pinckney, MI 48169

Parcel # 15-22-107-004



Date: 11-3-19

Hamburg Township Board of Trustees
Attn: Michael Dolan, Clerk
P.O. Box 157
Hamburg, MI 48139

Re: Proposed Ginger & Boyd Drive Sanitary Sewer
Special Assessment District

Dear Board Members:

We (I) wish to rescind our/my signature from the Ginger and Boyd Drive petition to create a sanitary sewer special assessment district. Based on the proposed cost to extend the sewer system we/I no longer support the project.

Print Name:

Heather Lentz
Don LENTZ

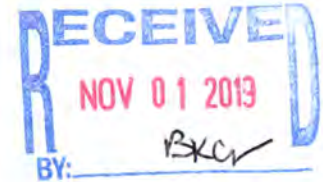
Signed:

Heather Lentz
[Signature]

Property Address:

5103 Ginger Dr.
PINCKNEY, MI 48169

Parcel # 15-22-107-005



October 18, 2019

Mr. Pat Hohl, Hamburg Twp. Supervisor
& Hamburg Township Board
10405 Merrill Rd
Hamburg, MI 48139

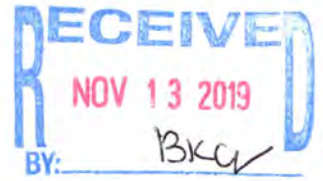
Dear Sirs,

Per Ms. Brittany Campbell's email instructions of 10/17/19, we are sending this letter to inform you that the following residents will NOT be moving forward on the reduced portion for the Sanitary Sewer Special Assessment District on Ginger and Boyd streets. Our request to not move forward until after residents in the smaller SAD could be polled on the new cost seems to have been dismissed. We informed the township office that polling would be completed on or before 10/18/19 to see if there was still enough property owners' approvals at the higher cost. IF we had been told that our sewer petition was to be on the 10/15/19 agenda the polling response timeline could have been changed. When we requested a review for a smaller SAD we were not informed that the original petition signatures would be valid for the new smaller SAD. It was the impression of our representatives who spoke to Ms. Campbell that the original petitions were for the original SAD and quoted costs. The following residents are requesting removal of approval for the sewer SAD. This request brings the number of approvals to less than 50%.

Respectfully,

<u>Catherine Sayre</u>	<u>Catherine Sayre</u>	<u>5059 Boyd De Pinckney MI</u>	<u>Hamburg</u>
Print Name	Signature	Address	
<u>Wayne M Sayre</u>	<u>Wayne M Sayre</u>	<u>5059 Boyd De Pinckney MI</u>	<u>Hamburg</u>
Print Name	Signature	Address	

November 11 2019



Hamburg Township Board

Re: Ginger & Boyd Sewer Assessment

We as property owners of Parcel 4715-22-100-053 and Parcel 4715-22-107-002

Choose not to be included in the proposed sewer project.

We Lynn A. Harden- Ritz and Tony Ritz rescind our signatures from this petition.

Respectfully submitted.


Lynn A. Harden-Ritz



Township Board Cover Sheet

Lawrence Court – Road Improvement S.A.D. **First Public Hearing to Establish S.A.D.**

Information Packet:

Hamburg Township has been approached by residents living on Lawrence Court in the L R O'Connor subdivision requesting that their road be improved through a Township financed special assessment district. This project would consist of the establishment of a S.A.D. with the road improvements constructed under the direction of the Livingston County Road Commission. Based upon property owner response, there are enough petitions to proceed with creating the district.

The following items have been included for the Board's review:

1. **Notice of First Public Hearing:**

- A. Affidavit of Mailing
- B. Hearing Cover Letter
- C. Notice of Improvement Hearing – per Public Act 188 requirements
- D. Mailing List of Property Owners included in S.A.D.
- E. Estimate of Cost for the proposed Road Improvement S.A.D.
- F. Proposed Lawrence Court Special Assessment Roll

2. **Project Resolution(s):**

- **Resolution No. 3** – Resolution Approving Petitions, Project, Cost Estimates, Special Assessment District and Causing the Special Assessment Roll to be Prepared
- **Resolution No. 4** – Resolution Acknowledging the Filing of the Lawrence Court Special Assessment Roll, Scheduling a Hearing and Directing the Issuance of the Statutory Notices

NOTE: Resolution No. 4 will set the date and time for the second public hearing to be held to adopt the Assessment Roll. I am recommending that the 2nd public hearing be scheduled for **Tuesday, December 17th, 2019 beginning at 5:30 p.m.** to allow enough time for notice to be published in the newspaper as well as mailing individual notices to property owners.

The Lawrence Court Road Improvement district will be included on the upcoming bond issue along with a number of other Road Improvement projects.



10405 Merrill Road ♦ P.O. Box 157
Hamburg, MI 48139
Phone: 810.231.1000 ♦ Fax: 810.231.4295
www.hamburg.mi.us

AFFIDAVIT OF MAILING

STATE OF MICHIGAN)
)ss
COUNTY OF LIVINGSTON)

BRITTANY K. CAMPBELL, being first duly sworn, deposes, and says that she personally prepared for mailing, and did on November 6, 2019, send by first-class mail, the proposed **Lawrence Court – Road Improvement Special Assessment District** notice of first public hearing, a true copy of which is attached hereto, to each record owner of or party in interest in all property to be assessed for the improvement described therein, as shown on the last local tax assessment records of the Township of Hamburg; that she personally compared the address on each envelope against the list of property owners as shown on the current tax assessment rolls of the Township; that each envelope contained therein such notice and was securely sealed with postage fully prepaid for first-class mail delivery and plainly addressed; and that she personally placed all of such envelopes in a United States Post Office receptacle on the above date.

Brittany K. Campbell
Brittany K. Campbell
Hamburg Township Utilities Coordinator

Subscribed and sworn to before me
this 06th day of November, 2019.

Courtney L. Paton
Jackson, Notary Public
Livingston County, MI
My commission expires: 1/17/2024

COURTNEY L. PATON
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF JACKSON
My Commission Expires 01/17/2024
Acting in the County of Livingston

November 6th, 2019

Re: **Lawrence Court – Road Improvement Special Assessment District**
Notice of First Public Hearing

Dear Property Owner,

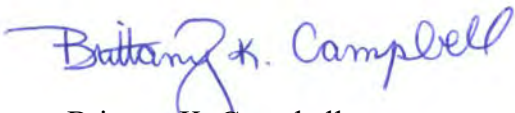
Enclosed is a copy of the Notice of Improvement Hearing to establish the Lawrence Court road improvement special assessment district (SAD). The project will consist of milling a portion of the existing asphalt pavement including the asphalt curb. Undercutting poor subgrade areas and adding additional stone base where needed to improve drainage. Three and a half (3.5) inches of new hot mix asphalt in two lifts will be placed on the prepared grade. The wing curb will be placed on the final lift of the asphalt. The hot mix asphalt will be feathered onto the existing driveway approaches, including concrete drives, to match the new road elevation.

The Township Board has scheduled the first public hearing for Tuesday, November 19th, 2019 to begin at 5:30 p.m. here at the Township Offices located at 10405 Merrill Road. The purpose of the meeting is to discuss the desire to establish the district, the district boundaries and the estimated cost of the project. The estimated road improvement project cost is \$170,000.00 which will be split equally among the 16 parcels in an assessment of \$10,625.00 per parcel plus interest charges under a ten (10) year bond re-payment schedule.

Any property owner or owners who wish to remove their support for the project must submit a letter in writing to the Township requesting to rescind their signatures from the petition by the first public hearing on November 19th. Letters may be addressed to me or the Township Clerk, Michael Dolan, and mailed to Hamburg Township, P.O. Box 157, Hamburg, MI 48139. Faxed copies or emailed/scanned copies cannot be accepted. If after the first public hearing there is still enough support to move forward with establishing the special assessment district the Board will pass a resolution to schedule the 2nd public hearing for the purpose of discussing the Assessment Roll and adoption by the Township Board which will authorize the collection of the special assessments that will first appear on the December 1, 2020 tax bill.

If you would like to discuss the road improvement project before the public hearing please feel free to contact the Township Supervisor, Patrick J. Hohl, at (810) 231-1000 Ext. 202 or his direct line at (810) 222-1116 or via email at pathohl@hamburg.mi.us.

Sincerely,



Brittany K. Campbell
Hamburg Township Utilities Coordinator



10405 Merrill Road ♦ P.O. Box 157
Hamburg, MI 48139
Phone: 810.231.1000 ♦ Fax: 810.231.4295
www.hamburg.mi.us

NOTICE OF PUBLIC HEARING

Hamburg Township
Livingston County, Michigan

NOTICE OF PUBLIC HEARING UPON A PROPOSED ROAD IMPROVEMENT PROJECT AND SPECIAL ASSESSMENT DISTRICT FOR LAWRENCE COURT

NOTICE IS HEREBY GIVEN:

(1) The Township Board of Hamburg Township, Livingston County, Michigan, in accordance with the laws of the State of Michigan, will hold a public hearing on Tuesday, November 19, 2019 at 5:30 p.m., at the Hamburg Township Hall, 10405 Merrill Road, Hamburg, Michigan 48139, to review the following proposed special assessment district:

HAMBURG TOWNSHIP LAWRENCE COURT ROAD IMPROVEMENT SPECIAL ASSESSMENT DISTRICT

and to hear any objections thereto and to the proposed Project and to the petitions filed with the Township Board requesting the Project.

(2) The project (the “Project”) will consist of milling a portion of the existing asphalt pavement including the asphalt curb. Undercutting poor subgrade areas and adding additional stone base where needed to improve draining. Three and a half (3.5) inches of new hot mix asphalt in two lifts will be placed on the prepared grade. The wing curb will be placed on the final lift of the asphalt. The hot mix asphalt will be feathered onto the existing driveway approaches, including the concrete drives, to match the new road elevation. The edge of the roadway will be restored with topsoil, seed and mulch. The Project is being designed to serve the properties in the Special Assessment District, which properties are adjacent to Lawrence Court, and which properties are identified by the following permanent parcel numbers:

15-22-100-058	15-22-108-001	15-22-108-002	15-22-108-003
15-22-108-004	15-22-108-005	15-22-108-008	15-22-108-009
15-22-108-010	15-22-108-011	15-22-108-012	15-22-108-013
15-22-108-014	15-22-108-015	15-22-108-016	15-22-108-018

(3) The Township plans on imposing special assessments on the properties located in the Special Assessment District to pay for the costs of the Project.

(4) The plans and cost estimates for the proposed Project, the boundaries of the Special Assessment District and the petitions filed in support of the Project are now on file in the office of the Township Clerk for public inspection. Periodic redeterminations of the cost of the Project may be made, and subsequent hearings shall not be required if such cost redeterminations do not increase the estimated cost of the Project by more than 10%. Any person objecting to the proposed Project, the petitions for the Project or the proposed Special Assessment District shall file an objection in writing with the Township Clerk before the close of the November 19th, 2019 hearing, or within such further time the Township Board may grant.

This notice is given by order of the Hamburg Township Board.

Dated: November 6th, 2019

Michael Dolan
Hamburg Township Clerk
10405 Merrill Rd. P.O. Box 157
Hamburg, MI 48139

LAWRENCE COURT - ROAD IMPROVEMENT SPECIAL ASSESSMENT DISTRICT
Hamburg Township, Livingston County, Michigan

The general service area in which a proposed special assessment district is to be designated. The Hamburg Township Board of Trustees may adjust the district boundaries based upon property owner response in support of creating a road improvement special assessment district.



General service area establishing the Lawrence Court – Road Improvement Special Assessment District. **Proposed special assessment district boundary shown within thick black-lined area.**

15-22-100-058
Boguslaw & Barbara Gierek
5610 Lawrence Ct.
Pinckney, MI 48169

15-22-108-001
John G. & Michelle Davis
5676 Lawrence Ct.
Pinckney, MI 48169

15-22-108-002
Donald B., Jr. & Connie Mancini
5656 Lawrence Ct.
Pinckney, MI 48169

15-22-108-003
Thomas A. & Marianne Mancini
5640 Lawrence Ct.
Pinckney, MI 48169

15-22-108-004
John C. & Nancy R. Poelstra
5556 Lawrence Ct.
Pinckney, MI 48169

15-22-108-005
John C. & Nancy R. Poelstra
5556 Lawrence Ct.
Pinckney, MI 48169

15-22-108-008
Elaine J. McIntyre
5524 Lawrence Ct.
Pinckney, MI 48169

15-22-108-009
Tomas & Roxanne Lupsor
5510 Lawrence Ct.
Pinckney, MI 48169

15-22-108-010
Steve Avey & Sarah Belleville
5531 Lawrence Ct.
Pinckney, MI 48169

15-22-108-011
Paul A. & Lisa M. Stojek
5555 Lawrence Ct.
Pinckney, MI 48169

15-22-108-012
Scott F. & Deborah Welser
5569 Lawrence Ct.
Pinckney, MI 48169

15-22-108-013
Deborah Susan Welser
5569 Lawrence Ct.
Pinckney, MI 48169

15-22-108-014
Bradley S. & Melissa Rennells
5641 Lawrence Ct.
Pinckney, MI 48169

15-22-108-015
Frank & Bonnie Schramm
5655 Lawrence Ct.
Pinckney, MI 48169

15-22-108-016
Andrew J. Plackowski
5675 Lawrence Ct.
Pinckney, MI 48169

15-22-108-018
Lloyd D. Johnston Trust
5538 Lawrence Ct.
Pinckney, MI 48169



**ESTIMATE OF COST
PROPOSED LAWRENCE COURT
ROAD IMPROVEMENT SPECIAL ASSESSMENT DISTRICT**

Hamburg Township Administration Expenses:

Total Township Fees: \$ 0.00

Road Improvements: Livingston County Road Commission \$ 170,000.00

Road improvements shall consist of milling a portion of the existing asphalt pavement including the asphalt curb. Undercutting poor subgrade areas and adding additional stone base where needed to improve draining. Three and a half (3.5) inches of new hot mix asphalt in two lifts will be placed on the prepared grade. The wing curb will be placed on the final lift of the asphalt. The hot mix asphalt will be feathered onto the existing driveway approaches, including the concrete drives, to match the new road elevation. The edge of the roadway will be restored with topsoil, seed and mulch.

Total Estimated Project Cost \$ 170,000.00

\$ 170,000.00 divided by 16 Parcels = **\$10,625.00 per parcel.**

NOTE:

The cost of the road improvements will be financed through special assessment bonds. Property owners within the SAD will only be charged for the road improvement construction charges. The Township will pay for all legal and administrative fees to establish the district and for the sale of the bond to finance the project. Annual principal payments will be equally assessed per parcel plus interest on the unpaid balance. The interest amount will be determined by the market interest rate for the sale of the Bonds at the time the project is financed. The assessment costs will be presented to property owners prior to establishing the special assessment district.

HAMBURG TOWNSHIP
LAWRENCE COURT ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
EXHIBIT "B"

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-22-100-058	Boguslaw & Barbara Gierek 5610 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E COM COS FOR POB TH S88* W ALG EW LN & CL M-36 1309.27 FT TH N2* W 17.1 FT TH N88*E 85.02 FT TH N2*W 665.25 FT TH S88*W 85 FT TH N1*W 1659.9 FT TH S 35*E 817.33 FT TH N80*E 244.39 FT TH N68*E 966.84 FT TH N39*E 645.32 FT TH S17*E 381.69 FT TH S39*E 312.15 FT TH S89*W 408.25 FT TH S1*E 129.06 FT TH S88*W 66 FT TH S66*W 272.5 FT TH S53*W 565 FT TH S8*E 430 FT TH N77*E 400 FT TO SE COR LOT 4 TH ALG CHD BRG S58*E 92.43 FT TH S67*E 333.58 FT TH ALG CHD BRG S81*E 122.19 FT TO NW COR LOT 3 TH S4*E ALG W LN LOT 3 240 FT TH S 65*W 362.88 FT TH S88*W 421.3 FT TH S2*E 435.6 FT TO POB PAR B & C 70.15 AC.	\$ 378,505.00	Occupied	\$ 10,625.00
15-22-108-001	John G. & Michelle Davis 5676 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 1	274,520.00	Occupied	10,625.00
15-22-108-002	Donald B., Jr. & Connie Mancini 5656 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 2	228,354.00	Occupied	10,625.00
15-22-108-003	Thomas A. & Marianne Mancini 5640 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 3	249,950.00	Occupied	10,625.00
15-22-108-004	John C. & Nancy R. Poelstra 5556 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 4	87,370.00	Vacant	10,625.00
15-22-108-005	John C. & Nancy R. Poelstra 5556 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 5	327,325.00	Occupied	10,625.00

HAMBURG TOWNSHIP
LAWRENCE COURT ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-22-108-008	Elaine J. McIntyre 5524 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 8	\$ 259,959.00	Occupied	\$ 10,625.00
15-22-108-009	Tomas & Roxanne Lupsor 5510 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 9	306,787.00	Occupied	10,625.00
15-22-108-010	Steve Avey & Sarah Belleville 5531 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 10	345,316.00	Occupied	10,625.00
15-22-108-011	Paul A. & Lisa M. Stojek 5555 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 11	344,379.00	Occupied	10,625.00
15-22-108-012	Scott F. & Deborah Welser 5569 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 12	386,914.00	Occupied	10,625.00
15-22-108-013	Deborah Susan Welser 5569 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 13	92,169.00	Vacant	10,625.00
15-22-108-014	Bradley S. & Melissa Rennells 5641 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 14	352,237.00	Occupied	10,625.00
15-22-108-015	Frank & Bonnie Schramm 5655 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 15	249,668.00	Occupied	10,625.00

HAMBURG TOWNSHIP
LAWRENCE COURT ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-22-108-016	Andrew J. Plackowski 5675 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOT 16	\$ 266,596.00	Occupied	\$ 10,625.00
15-22-108-018	Lloyd D. Johnston Trust 5538 Lawrence Ct. Pinckney, MI 48169	SEC 22 T1N R5E L R O'CONNOR SUB LOTS 6 & 7	562,361.00	Occupied	10,625.00

Total Project Assessments: \$ 170,000.00

TOTAL ESTIMATED PROJECT COST: \$ 170,000.00

Resolution #3 – Lawrence Court Road Improvement Project

TOWNSHIP OF HAMBURG

At a regular meeting of the Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) held at the Hamburg Township Hall Meeting Room on Tuesday, November 19th, 2019, beginning at 7:00 p.m. Eastern Time, there were:

PRESENT: _____

ABSENT: _____

The following preamble and resolution were offered by _____ and seconded by _____.

RESOLUTION APPROVING PETITIONS, PROJECT, COST ESTIMATES, SPECIAL ASSESSMENT DISTRICT AND CAUSING THE SPECIAL ASSESSMENT ROLL TO BE PREPARED

WHEREAS, the Township Board of Trustees (the “Township Board”) has received petitions from property owners in the Township (the “Petitions”) for certain road improvements to be made along Lawrence Court within the L R O’Connor subdivision located in the Township;

WHEREAS, the Township Board has determined to proceed with the Lawrence Court road improvements as described in Exhibit A (the “Project”);

WHEREAS, preliminary plans and cost estimates for the Project have been filed with the Township Clerk;

WHEREAS, the Township Board has tentatively determined to finance the cost of the Project by issuing bonds (the “Bonds”), in accordance with Act No. 188, Michigan Public Acts of 1954, as amended (“Act 188”);

WHEREAS, the Township Board has tentatively determined to use Special Assessments levied under Act 188 to raise the funds to pay the Township’s obligations on the Bonds;

WHEREAS, the Township Board held a public hearing on the Project, the Petitions that have been submitted to the Township Board requesting the Project, and the proposed special assessment district (the “Special Assessment District”) for the Project on November 19, 2019;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. In accordance with Act 188, and the laws of the State of Michigan, the Township Board approves the completion of the Project and the Township Board approves the plans and cost estimates for the Project, which are on file with the Township Clerk and which are identified as "Plans and Cost Estimates for the "Lawrence Court Road Improvement Project".

2. The Township Board determines that the petitions for the Project submitted to the Township Board were sufficient to satisfy the requirements under Act 188 for initiating an improvement project.

3. The Township Board determines that the Special Assessment District for the Project shall consist of those properties that are described in Exhibit B. The term of the special assessment district shall be through 2030, or such shorter period of time as may be determined by the Township Board prior to the issuance of the Bonds.

4. After construction costs for the Project are determined, the Township Supervisor is directed to prepare the Special Assessment Roll for the Special Assessment District as identified in Exhibit B. The Special Assessment Roll shall describe all the parcels of land to be assessed with the names of the respective record owners of each parcel, if known, and the total amount to be assessed against each parcel of land. When the Township Supervisor completes the Special Assessment Roll, he shall affix his certificate to the roll, which certificate shall be substantially in the in the form of Exhibit C to this resolution.

A vote on the foregoing resolution was taken and was as follows:

YES: _____

NO: _____

ABSENT: _____

Resolution declared _____.

CLERK'S CERTIFICATE

The undersigned, being the Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board on November 19, 2019, at which meeting a quorum was present and remained throughout, (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1967, as amended) and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Michael Dolan
Hamburg Township Clerk

EXHIBIT A

Description of the Project

The project will consist of milling a portion of the existing asphalt pavement including the asphalt curb. Undercutting poor subgrade areas and adding additional stone base where needed to improve draining. Three and a half (3.5) inches of new hot mix asphalt in two lifts will be placed on the prepared grade. The wing curb will be placed on the final lift of the asphalt. The hot mix asphalt will be feathered on to the existing driveway approaches, including the concrete drives, to match the new road elevation. The edge of the roadway will be restored with topsoil, seed and mulch. The street rehabilitation shall serve the properties within the Township located along Lawrence Court that are within the boundaries indicated on the attached map, along with all necessary construction, drainage and restoration for such project.

Lawrence Court Road Improvement Project
Hamburg Township, Livingston County, Michigan

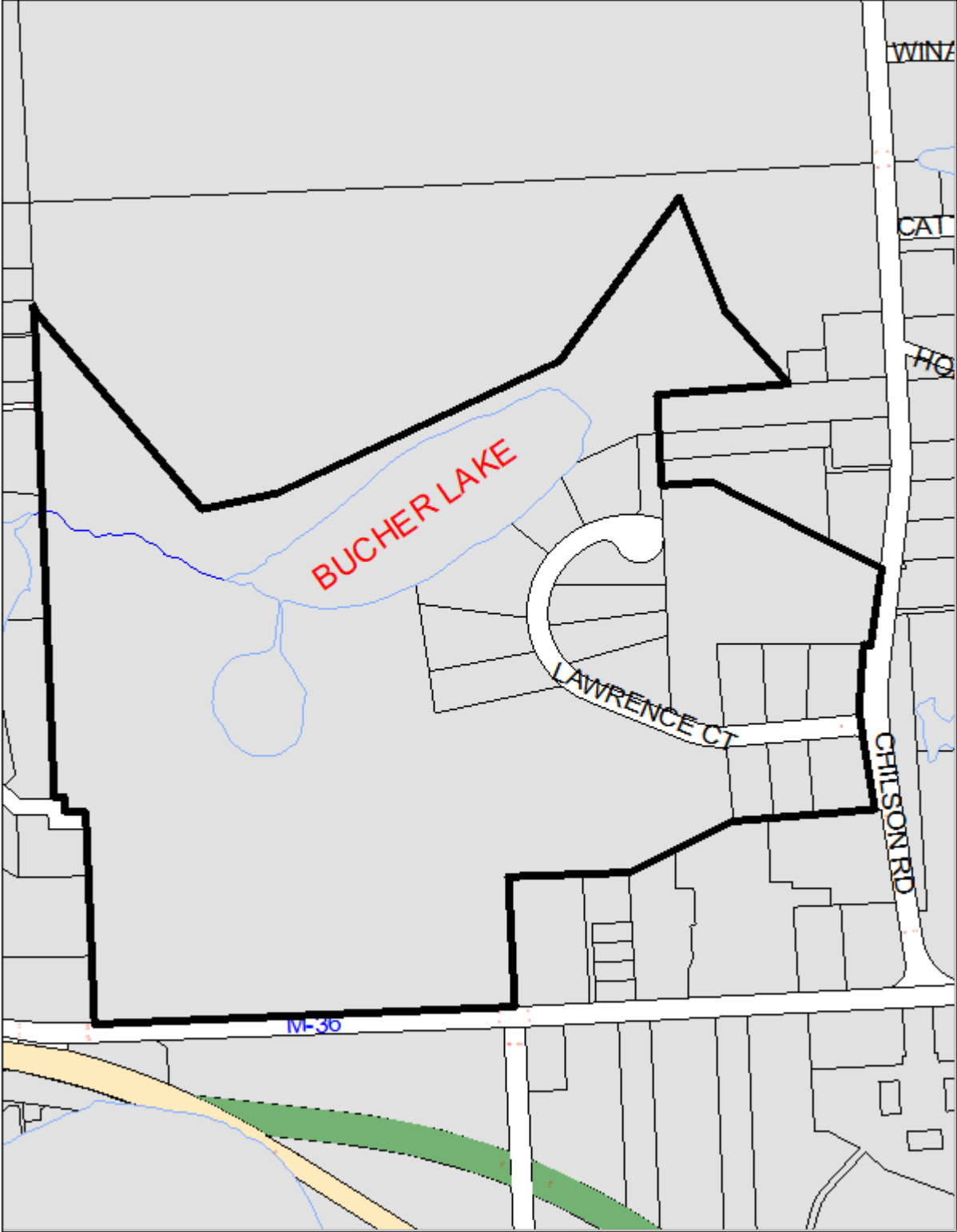


Exhibit "B"

**HAMBURG TOWNSHIP
LAWRENCE COURT ROAD IMPROVEMENT PROJECT**

(1) The Hamburg Township Lawrence Court Road Improvement Project Special Assessment District (the "Special Assessment District") has been formed to specially assess the lands which are benefitted from the Project described in Exhibit A.

(2) The proposed Special Assessment District, within which the cost of the Project will be assessed, consists of the properties identified by the following permanent lot and parcel numbers.

15-22-100-058	15-22-108-001	15-22-108-002	15-22-108-003
15-22-108-004	15-22-108-005	15-22-108-008	15-22-108-009
15-22-108-010	15-22-108-011	15-22-108-012	15-22-108-013
15-22-108-014	15-22-108-015	15-22-108-016	15-22-108-018

Exhibit “C”

CERTIFICATE

I, the undersigned, Supervisor of Hamburg Township, Livingston County, Michigan (the “Township”), acting pursuant to a resolution duly adopted by the Board of the Township on November 19th, 2019 (the “Resolution”) certify that (1) the attached special assessment roll for the Hamburg Township Lawrence Court Road Improvement Project Special Assessment District, to which this Certificate is affixed, was made pursuant to the Resolution and (2) in making such roll, I have, according to my best judgment, conformed in all respects to the directions contained in the Resolution and the statutes of the State of Michigan, including Act No. 188, Public Acts of Michigan, 1954, as amended.

Dated: _____

Patrick J. Hohl
Hamburg Township Supervisor

Resolution #4 – Lawrence Court Road Improvement Project

TOWNSHIP OF HAMBURG

At a regular meeting of the Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) held at the Hamburg Township Hall Meeting Room on Tuesday, November 19th, 2019, beginning at 7:00 p.m. Eastern Time, there were:

PRESENT: _____

ABSENT: _____

The following preamble and resolution were offered by _____ and seconded by _____.

**RESOLUTION ACKNOWLEDGING THE FILING OF THE
LAWRENCE COURT SPECIAL ASSESSMENT ROLL,
SCHEDULING A HEARING
AND DIRECTING THE ISSUANCE OF THE STATUTORY NOTICES**

WHEREAS, the Board of Trustees (the “Township Board”) has determined that it is desirable and necessary to construct certain road improvements within the Township as described in Exhibit A (the “Project”);

WHEREAS, the Township Board has determined to proceed with the Project;

WHEREAS, the Township Board has tentatively determined to finance the cost of the Project by issuing bonds (the “Bonds”) to finance the cost of the Project, in accordance with Act No. 188, Michigan Public Acts of 1954, as amended (“Act 188”);

WHEREAS, the Township Board has tentatively determined to use Special Assessments levied under Act 188 to raise the funds to pay the Township’s obligations on the Bonds;

WHEREAS, the plans and cost estimates for the Project have been filed with the Township Clerk;

WHEREAS, the Township Supervisor has prepared the proposed Special Assessment Roll entitled “The Proposed Special Assessment Roll for the Hamburg Township Lawrence Court Road Improvement Project” (the “Proposed Roll”) and has filed the Proposed Roll with the Township Clerk;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Township Board acknowledges that the Township Supervisor has filed the Proposed Roll with the Township Clerk.

2. The Township Board acknowledges that the Supervisor has certified that (a) the Proposed Roll was prepared in accordance with the Township Board's direction and (b) the Proposed Roll was prepared in accordance with the laws of the State of Michigan.

3. In accordance with Act 188, Michigan Public Acts of 1954, as amended, and the laws of the State of Michigan, there shall be a public hearing on the Proposed Roll.

4. The public hearing will be held on Tuesday, December 17, 2019 at 5:30 p.m. at the Township Hall of Hamburg Township, Livingston County, Michigan, or at such other place as the Township Clerk may designate, provided sufficient notice is given of such alternate location as required by law.

5. The Township Clerk is directed to mail, by first class mail, a notice of the public hearing to each owner of or party in interest in property to be assessed, whose name appears upon the last Township tax assessment records. The last Township tax assessment records means the last assessment roll for ad valorem tax purposes which has been reviewed by the Township Board of Review, as supplemented by any subsequent changes in the names or addresses of such owners or parties listed thereon. The notice to be mailed by the Township Clerk shall be similar to the notice attached as Exhibit B and shall be mailed by first class mail on or before December 4, 2019. Following the mailing of the notices, the Township Clerk shall complete an affidavit of mailing similar to the affidavit set forth in Exhibit C.

6. The Township Clerk is directed to publish a notice of the public hearing in the Livingston County Press & Argus a newspaper of general circulation within the Township. The notice shall be published twice, once on or before December 4, 2019, and once on or before December 11, 2019. The notice shall be in form substantially similar to the notice attached in Exhibit B.

A vote on the foregoing resolution was taken and was as follows:

YES: _____

NO: _____

ABSTAIN: _____

Resolution declared _____.

CLERK'S CERTIFICATE

The undersigned, being the Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board on November 19, 2019, at which meeting a quorum was present and remained throughout, (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1967, as amended) and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Michael Dolan
Hamburg Township Clerk

EXHIBIT “A”

DESCRIPTION OF PROJECT

The project will consist of milling a portion of the existing asphalt pavement including the asphalt curb. Undercutting poor subgrade areas and adding additional stone base where needed to improve draining. Three and a half (3.5) inches of new hot mix asphalt in two lifts will be placed on the prepared grade. The wing curb will be placed on the final lift of the asphalt. The hot mix asphalt will be feathered on to the existing driveway approaches, including the concrete drives, to match the new road elevation. The edge of the roadway will be restored with topsoil, seed and mulch. The street rehabilitation shall serve the properties within the Township located along Lawrence Court that are within the boundaries indicated on the attached map, along with all necessary construction, drainage and restoration for such project.

Lawrence Court Road Improvement Project
Hamburg Township, Livingston County, Michigan

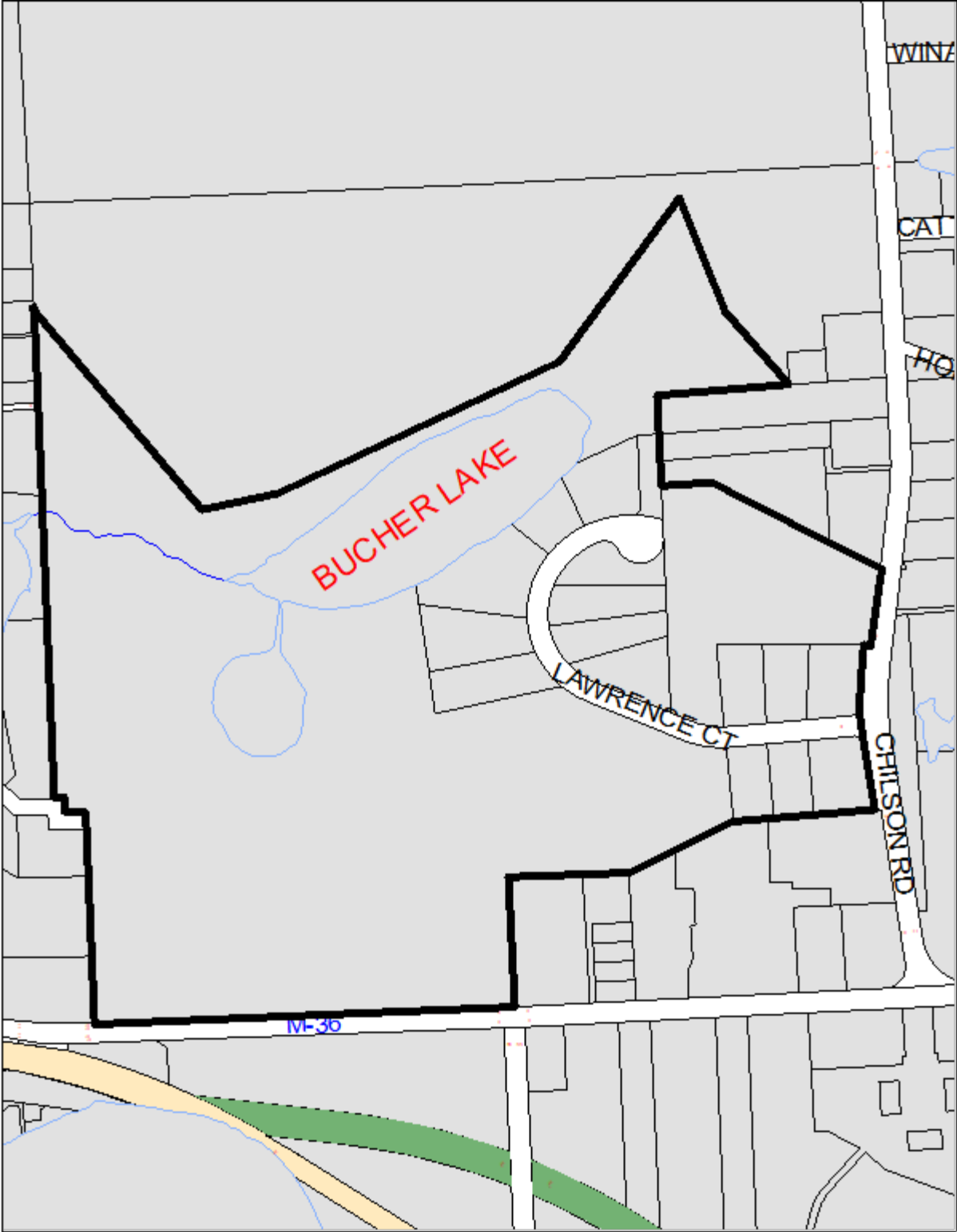


EXHIBIT “B”

FORM OF NOTICE OF PUBLIC HEARING

Hamburg Township
Livingston County, Michigan

**NOTICE OF PUBLIC HEARING
UPON SPECIAL ASSESSMENT ROLL FOR THE
LAWRENCE COURT ROAD IMPROVEMENT PROJECT
SPECIAL ASSESSMENT DISTRICT**

NOTICE IS HEREBY GIVEN:

(1) The Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) has determined to levy special assessments against lands in the LAWRENCE COURT ROAD IMPROVEMENT PROJECT SPECIAL ASSESSMENT DISTRICT (the “District”) that will be benefited by the construction of road improvements in the District. The District consists of the lands identified in the map attached to this notice and is more specifically identified by the following permanent parcel numbers:

15-22-100-058	15-22-108-001	15-22-108-002	15-22-108-003
15-22-108-004	15-22-108-005	15-22-108-008	15-22-108-009
15-22-108-010	15-22-108-011	15-22-108-012	15-22-108-013
15-22-108-014	15-22-108-015	15-22-108-016	15-22-108-018

(2) The proposed special assessment roll for the District (the “Roll”) has been prepared and is now on file in the office of the Township Clerk and is available at such office for public examination during the hours the Township Hall is regularly open to the public for business.

(3) The Township Board will conduct a public hearing beginning at 5:30 p.m., local time on Tuesday, December 17, 2019, at the Hamburg Township Hall, 10405 Merrill Road, Hamburg, Michigan to explain and answer questions pertaining to the Roll and to hear objections to the Roll. Any person objecting to the Roll must file his or her objections in writing before the close of the public hearing or within such additional time (if any) as the Township Board may grant.

(4) The owner or other person having an interest in property that is specially assessed is entitled to file a written appeal with the Michigan Tax Tribunal within 30 days after confirmation of the Roll. However, appearance and protest at the public hearing are required by law in order to appeal the special assessment to the Michigan Tax Tribunal. An owner or other party in interest or his or her agent may (1) appear and protest in person at the hearing or (2) file an appearance and protest by letter before the close of the hearing.

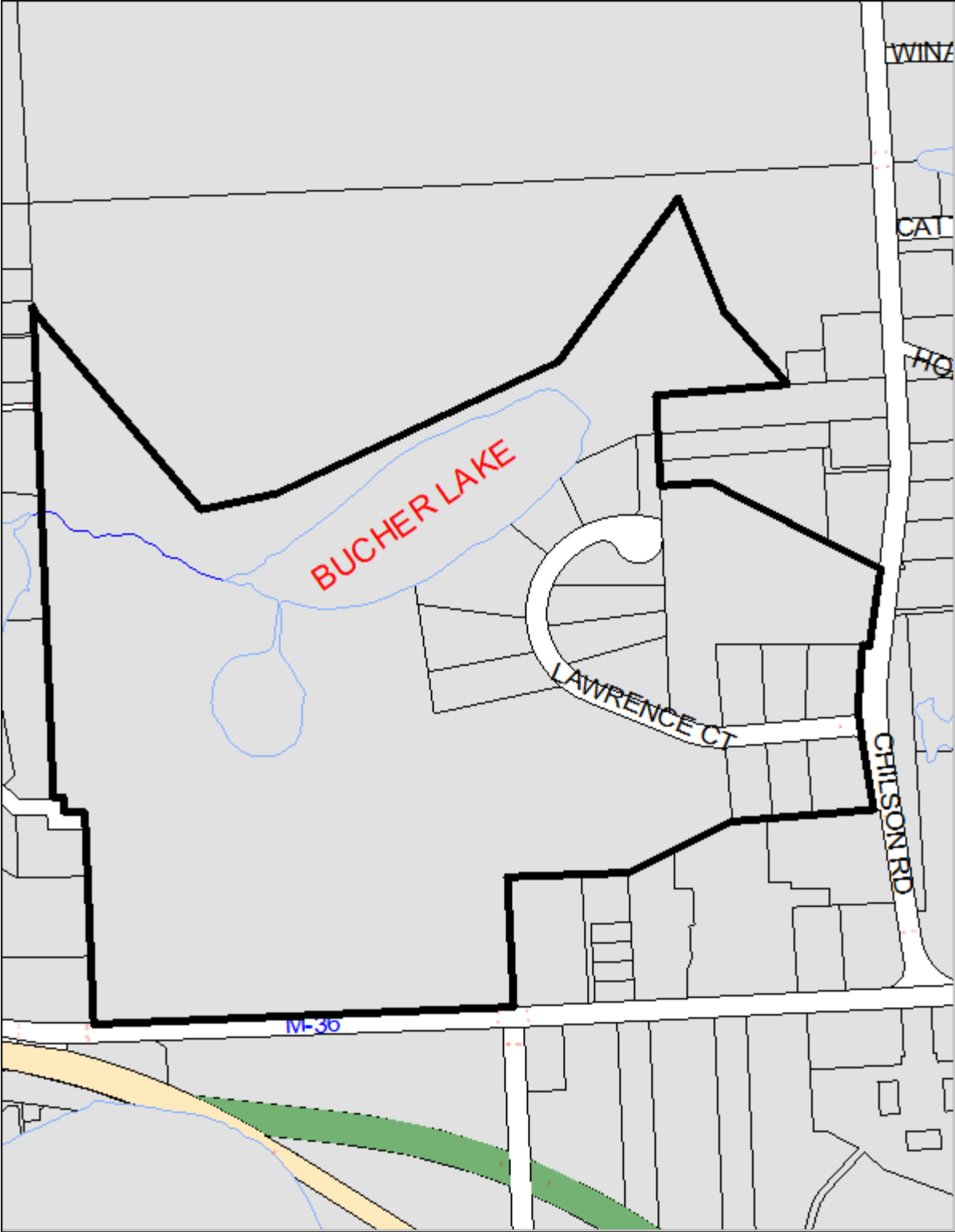
The Township Board will maintain a record of the persons who appear and protest at the hearing. If the hearing is terminated or adjourned for the day before a party is provided the opportunity to be heard, a party whose appearance was so recorded shall be considered to have protested the special assessment in person.

This notice is given by order of the Hamburg Township Board.

Dated: _____

Michael Dolan
Hamburg Township Clerk
10405 Merrill Rd. P.O. Box 157
Hamburg, MI 48139

Lawrence Court Road Improvement Project
Hamburg Township, Livingston County, Michigan



Lawrence Court Road Improvement Project

EXHIBIT "C"

AFFIDAVIT OF MAILING

STATE OF MICHIGAN)
)ss
COUNTY OF LIVINGSTON)

MICHAEL DOLAN, being first duly sworn, deposes, and says that he personally prepared for mailing, and did on December 4, 2019, send by first-class mail, the notice of hearing, a true copy of which is attached hereto, to each record owner of or party in interest in all property to be assessed for the improvement described therein, as shown on the last local tax assessment records of the Township of Hamburg; that he personally compared the address on each envelope against the list of property owners as shown on the current tax assessment rolls of the Township; that each envelope contained therein such notice and was securely sealed with postage fully prepaid for first-class mail delivery and plainly addressed; and that he personally placed all of such envelopes in a United States Post Office receptacle on the above date.

Michael Dolan
Hamburg Township Clerk

Subscribed and sworn to before me
this ____ day of _____, 2019.

_____, Notary Public
Livingston County, MI
My commission expires:



Township Board Cover Sheet

Far Ravine Drive & Windwood Court **Road Improvement S.A.D.** **First Public Hearing to Establish S.A.D.**

Information Packet:

Hamburg Township has been approached by residents living on Far Ravine Drive and Windwood Court in the Lakeland Hills Estates subdivision requesting that their road be improved through a Township financed special assessment district. This project would consist of the establishment of a S.A.D. with the road improvements constructed under the direction of the Livingston County Road Commission. Based upon property owner response, there are enough petitions to proceed with creating the district.

The following items have been included for the Board's review:

1. **Notice of First Public Hearing:**

- A. Affidavit of Mailing
- B. Hearing Cover Letter
- C. Notice of Improvement Hearing – per Public Act 188 requirements
- D. Mailing List of Property Owners included in S.A.D.
- E. Estimate of Cost for the proposed Road Improvement S.A.D.
- F. Proposed Far Ravine Drive & Windwood Court Special Assessment Roll

2. **Project Resolution(s):**

- **Resolution No. 3** – Resolution Approving Petitions, Project, Cost Estimates, Special Assessment District and Causing the Special Assessment Roll to be Prepared
- **Resolution No. 4** – Resolution Acknowledging the Filing of the Far Ravine Drive and Windwood Court Special Assessment Roll, Scheduling a Hearing and Directing the Issuance of the Statutory Notices

NOTE: Resolution No. 4 will set the date and time for the second public hearing to be held to adopt the Assessment Roll. I am recommending that the 2nd public hearing be scheduled for **Tuesday, December 17th, 2019 beginning at 6:00 p.m.** to allow enough time for notice to be published in the newspaper as well as mailing individual notices to property owners.

The Far Ravine Drive and Windwood Court Road Improvement district will be included on the upcoming bond issue along with a number of other Road Improvement projects.



10405 Merrill Road ♦ P.O. Box 157
Hamburg, MI 48139
Phone: 810.231.1000 ♦ Fax: 810.231.4295
www.hamburg.mi.us

AFFIDAVIT OF MAILING

STATE OF MICHIGAN)
)ss
COUNTY OF LIVINGSTON)

BRITTANY K. CAMPBELL, being first duly sworn, deposes, and says that she personally prepared for mailing, and did on November 6, 2019, send by first-class mail, the proposed **Far Ravine Drive** and **Windwood Court – Road Improvement Special Assessment District** notice of first public hearing, a true copy of which is attached hereto, to each record owner of or party in interest in all property to be assessed for the improvement described therein, as shown on the last local tax assessment records of the Township of Hamburg; that she personally compared the address on each envelope against the list of property owners as shown on the current tax assessment rolls of the Township; that each envelope contained therein such notice and was securely sealed with postage fully prepaid for first-class mail delivery and plainly addressed; and that she personally placed all of such envelopes in a United States Post Office receptacle on the above date.

Brittany K. Campbell
Brittany K. Campbell
Hamburg Township Utilities Coordinator

Subscribed and sworn to before me
this 6th day of November, 2019.

Courtney L. Paton
Jackson, Notary Public
Livingston County, MI
My commission expires: 4/17/2024

COURTNEY L. PATON
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF JACKSON
My Commission Expires 01/17/2024
Acting in the County of Livingston

FAX (810) 231-4295
TELEPHONE: (810) 231-1000



P.O. Box 157
10405 Merrill Road
Hamburg, MI 48139

November 6th, 2019

Re: **Far Ravine Drive & Windwood Court – Road Improvement Special Assessment District**
Notice of First Public Hearing

Dear Property Owner,

Enclosed is a copy of the Notice of Improvement Hearing to establish the Far Ravine Drive and Windwood Court road improvement special assessment district (SAD). The project will consist of crushing and shaping the existing asphalt pavement and placing 3.6” of new hot mix asphalt in two lifts. The hot mix asphalt will be feathered onto the existing driveway approaches, including concrete drives, to match the new road elevation. The edge of the roadway will be restored with topsoil, seed and mulch.

The Township Board has scheduled the first public hearing for Tuesday, November 19th, 2019 to begin at 6:00 p.m. here at the Township Offices located at 10405 Merrill Road. The purpose of the meeting is to discuss the desire to establish the district, the district boundaries and the estimated cost of the project. The estimated road improvement project cost is \$150,000.00 which will be split equally among the 23 parcels in an assessment of \$6,521.74 per parcel plus interest charges under a ten (10) year bond re-payment schedule.

Any property owner or owners who wish to remove their support for the project must submit a letter in writing to the Township requesting to rescind their signatures from the petition by the first public hearing on November 19th. Letters may be addressed to me or the Township Clerk, Michael Dolan, and mailed to Hamburg Township, P.O. Box 157, Hamburg, MI 48139. Faxed copies or emailed/scanned copies cannot be accepted. If after the first public hearing there is still enough support to move forward with establishing the special assessment district the Board will pass a resolution to schedule the 2nd public hearing for the purpose of discussing the Assessment Roll and adoption by the Township Board which will authorize the collection of the special assessments that will first appear on the December 1, 2020 tax bill.

If you would like to discuss the road improvement project before the public hearing please feel free to contact the Township Supervisor, Patrick J. Hohl, at (810) 231-1000 Ext. 202 or his direct line at (810) 222-1116 or via email at pathohl@hamburg.mi.us.

Sincerely,

Brittany K. Campbell
Hamburg Township Utilities Coordinator



10405 Merrill Road ♦ P.O. Box 157
Hamburg, MI 48139
Phone: 810.231.1000 ♦ Fax: 810.231.4295
www.hamburg.mi.us

NOTICE OF PUBLIC HEARING

Hamburg Township
Livingston County, Michigan

NOTICE OF PUBLIC HEARING UPON A PROPOSED ROAD IMPROVEMENT PROJECT AND SPECIAL ASSESSMENT DISTRICT FOR FAR RAVINE DRIVE & WINDWOOD COURT

NOTICE IS HEREBY GIVEN:

(1) The Township Board of Hamburg Township, Livingston County, Michigan, in accordance with the laws of the State of Michigan, will hold a public hearing on Tuesday, November 19, 2019 at 6:00 p.m., at the Hamburg Township Hall, 10405 Merrill Road, Hamburg, Michigan 48139, to review the following proposed special assessment district:

HAMBURG TOWNSHIP FAR RAVINE DRIVE & WINDWOOD COURT ROAD IMPROVEMENT SPECIAL ASSESSMENT DISTRICT

and to hear any objections thereto and to the proposed Project and to the petitions filed with the Township Board requesting the Project.

(2) The project (the “Project”) will consist of crushing and shaping the existing asphalt pavement and placing 3.6” of new hot mix asphalt in two lifts. The hot mix asphalt will be feathered onto the existing driveway approaches, including concrete drives, to match the new road elevation. The edge of the roadway will be restored with topsoil, seed and mulch. The Project is being designed to serve the properties in the Special Assessment District, which properties are adjacent to Far Ravine Drive and Windwood Court, and which properties are identified by the following permanent parcel numbers:

15-15-301-001	15-15-301-002	15-15-301-003	15-15-301-004
15-15-301-007	15-15-301-008	15-15-301-009	15-15-301-010
15-15-301-011	15-15-301-012	15-15-301-013	15-15-301-014
15-15-301-015	15-15-301-016	15-15-301-017	15-15-301-018
15-15-301-019	15-15-301-020	15-15-301-021	15-15-301-022
15-15-301-023	15-15-301-025	15-15-301-026	

(3) The Township plans on imposing special assessments on the properties located in the Special Assessment District to pay for the costs of the Project.

(4) The plans and cost estimates for the proposed Project, the boundaries of the Special Assessment District and the petitions filed in support of the Project are now on file in the office of the Township Clerk for public inspection. Periodic redeterminations of the cost of the Project may be made, and subsequent hearings shall not be required if such cost redeterminations do not increase the estimated cost of the Project by more than 10%. Any person objecting to the proposed Project, the petitions for the Project or the proposed Special Assessment District shall file an objection in writing with the Township Clerk before the close of the November 19th, 2019 hearing, or within such further time the Township Board may grant.

This notice is given by order of the Hamburg Township Board.

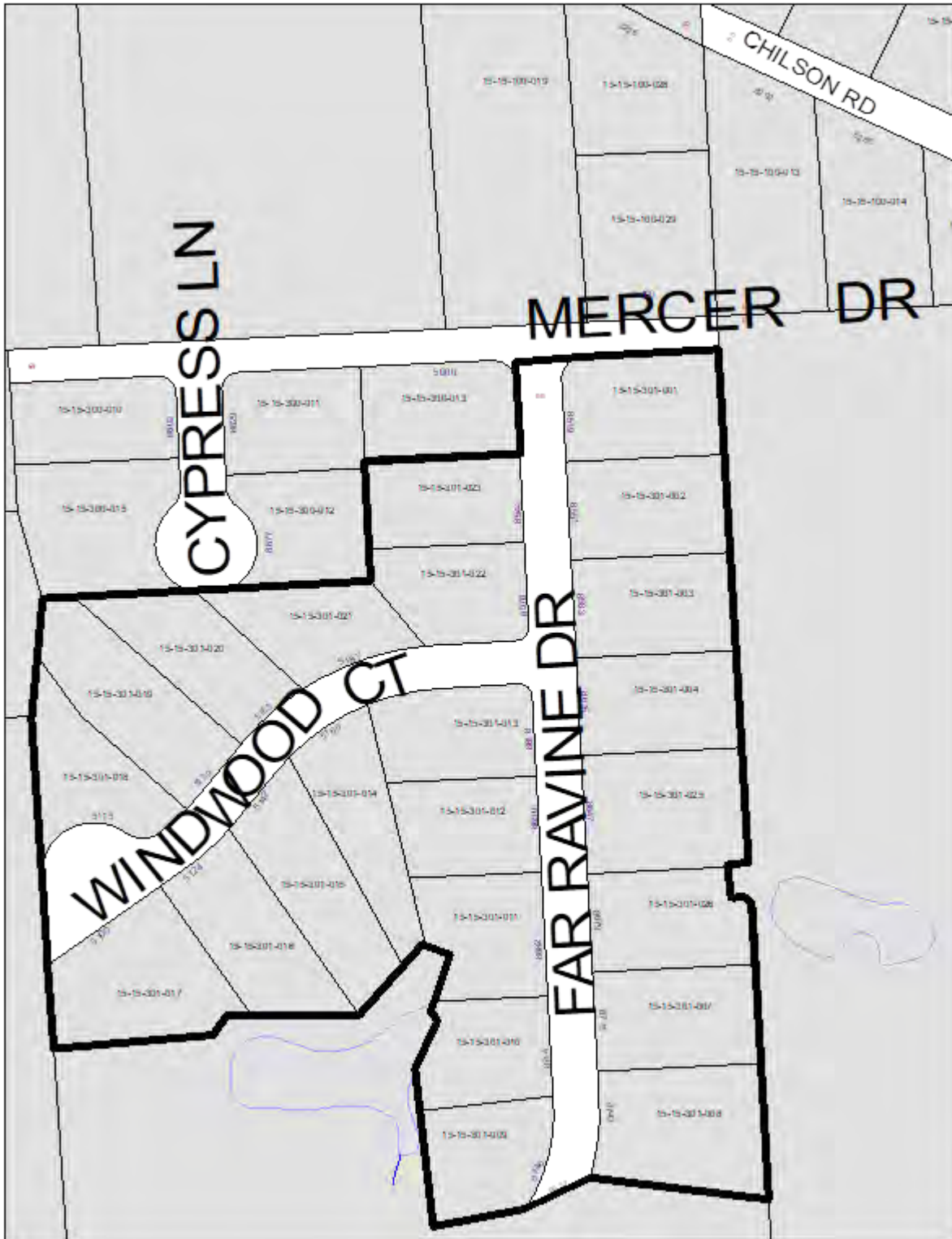
Dated: November 6th, 2019

Michael Dolan
Hamburg Township Clerk
10405 Merrill Rd. P.O. Box 157
Hamburg, MI 48139

FAR RAVINE ROAD AND WINDWOOD COURT - ROAD IMPROVEMENT SPECIAL ASSESSMENT DISTRICT

Hamburg Township, Livingston County, Michigan

The general service area in which a proposed special assessment district is to be designated. The Hamburg Township Board of Trustees may adjust the district boundaries based upon property owner response in support of creating a road improvement special assessment district.



General service area establishing the Far Ravine Drive and Windwood Court – Road Improvement Special Assessment District. **Proposed special assessment district boundary shown within thick black-lined area.**

15-15-301-001
Michael K. & Joanna J. Keling
8519 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-002
Alex & Beverly Costinew
8551 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-003
Kenneth M. & Cynthia G. Skrent
8583 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-004
Leroy Kirk
8615 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-007
Andrew T. & Ellen M. Smith
8711 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-008
Dale & Catherine Cox
8743 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-009
Zachary Johnston
8746 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-010
Donald Merkle III
8714 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-011
James P. Abowd & Denine M. Grace-
Abowd
8682 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-012
Susan M. Harkness
8650 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-013
Steven J. & Susan C. Gwizdala
8618 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-014
Timothy Adams
5160 Windwood Ct.
Pinckney, MI 48169

15-15-301-015
Matthew Middleton
5142 Windwood Ct.
Pinckney, MI 48169

15-15-301-016
Roderick F. II & Jodi L. Beaton
5124 Windwood Ct.
Pinckney, MI 48169

15-15-301-017
R. Scott & Karen Spearin
5100 Windwood Ct.
Pinckney, MI 48169

15-15-301-018
J. Thaddeus & Debra L. McGaffey
5115 Windwood Ct.
Pinckney, MI 48169

15-15-301-019
Richard Todd & Danielle Amonette-
Todd
5139 Windwood Ct.
Pinckney, MI 48169

15-15-301-020
Tracy L. Tessens
5163 Windwood Ct.
Pinckney, MI 48169

15-15-301-021
Jodi Piros
5187 Windwood Ct.
Pinckney, MI 48169

15-15-301-022
Aaron L. & Tina S. Lacross
8576 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-023
Craig & Sandra Strong
8544 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-025
Charles M. & Michele A. Belbin
8647 Far Ravine Dr.
Pinckney, MI 48169

15-15-301-026
Allan F. & Sue A. Rogers
8679 Far Ravine Dr.
Pinckney, MI 48169



**ESTIMATE OF COST
PROPOSED FAR RAVINE DRIVE & WINDWOOD COURT
ROAD IMPROVEMENT SPECIAL ASSESSMENT DISTRICT**

Hamburg Township Administration Expenses:

Total Township Fees: \$ 0.00

Road Improvements: Livingston County Road Commission \$ 150,000.00

Road improvements shall include crushing and shaping the existing asphalt pavement and placing 3.6" of new hot mix asphalt in two lifts. The hot mix asphalt will be feathered onto the existing driveway approaches, including concrete drives, to match the new road elevation. The edge of the roadway will be restored with topsoil, seed and mulch.

Total Estimated Project Cost \$ 150,000.00

\$ 150,000.00 divided by 23 Parcels = **\$6,521.74 per parcel.**

NOTE:

The cost of the road improvements will be financed through special assessment bonds. Property owners within the SAD will only be charged for the road improvement construction charges. The Township will pay for all legal and administrative fees to establish the district and for the sale of the bond to finance the project. Annual principal payments will be equally assessed per parcel plus interest on the unpaid balance. The interest amount will be determined by the market interest rate for the sale of the Bonds at the time the project is financed. The assessment costs will be presented to property owners prior to establishing the special assessment district.

HAMBURG TOWNSHIP
FAR RAVINE DRIVE & WINDWOOD COURT ROAD IMPROVEMENT PROJECT
PROPOSED SPECIAL ASSESSMENT ROLL
EXHIBIT "B"

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-301-001	Michael K. & Joanna J. Keiling 8519 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 1	\$ 310,196.00	Occupied	\$ 6,521.74
15-15-301-002	Alex & Beverly Costinew 8551 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 2	350,430.00	Occupied	6,521.74
15-15-301-003	Kenneth M. & Cynthia G. Skrent 8583 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 3	369,434.000	Occupied	6,521.74
15-15-301-004	Leroy Kirk 8615 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 4	336,181.00	Occupied	6,521.74
15-15-301-007	Andrew T. & Ellen M. Smith 8711 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 7	416,557.00	Occupied	6,521.74
15-15-301-008	Dale & Catherine Cox 8743 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 8	377,521.00	Occupied	6,521.74
15-15-301-009	Zachary Johnston 8746 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 9	337,177.00	Occupied	6,521.74
15-15-301-010	Donald Merkle III 8714 Far Ravine Dr.	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 10	284,757.00	Occupied	6,521.74
15-15-301-011	James P. Abowd & Denine M. Grace-Abowd 8682 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 11	284,327.00	Occupied	6,521.74

HAMBURG TOWNSHIP
FAR RAVINE DRIVE & WINDWOOD COURT ROAD IMPROVEMENT PROJECT
PROPOSED SPECIAL ASSESSMENT ROLL
NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-301-012	Susan M. Harkness 8650 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 12	\$ 317,367.00	Occupied	\$ 6,521.74
15-15-301-013	Steven J. & Susan C. Gwizdala 8618 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 13	326,341.00	Occupied	6,521.74
15-15-301-014	Timothy Adams 5160 Windwood Ct. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 14	362,086.00	Occupied	6,521.74
15-15-301-015	Matthew Middleton 5142 Windwood Ct. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 15	328,422.00	Occupied	6,521.74
15-15-301-016	Roderick F. II & Jodi L. Beaton 5124 Windwood Ct. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 16	381,048.00	Occupied	6,521.74
15-15-301-017	R. Scott & Karen Spearin 5100 Windwood Ct. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 17	356,988.00	Occupied	6,521.74
15-15-301-018	J. Thaddeus & Debra L. McGaffey 5115 Windwood Ct. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 18	313,446.00	Occupied	6,521.74
15-15-301-019	Richard Todd & Danielle Amonette-Todd 5139 Windwood Ct. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 19	322,983.00	Occupied	6,521.74

HAMBURG TOWNSHIP
FAR RAVINE DRIVE & WINDWOOD COURT ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-301-020	Tracy L. Tessens 5163 Windwood Ct. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 20	\$ 283,814.00	Occupied	\$ 6,521.74
15-15-301-021	Jodi Piros 5187 Windwood Ct. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 21	282,441.00	Occupied	6,521.74
15-15-301-022	Aaron L. & Tina S. Lacross 8576 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 22	295,951.00	Occupied	6,521.74
15-15-301-023	Craig & Sandra Strong 8544 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 23	398,067.00	Occupied	6,521.74
15-15-301-025	Charles M. & Michele A. Belbin 8647 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 5	515,205.00	Occupied	6,521.74
15-15-301-026	Allan F. & Sue A. Rogers 8679 Far Ravine Dr. Pinckney, MI 48169	SEC 15 T1N R5E LAKELAND HILLS ESTATES LOT 6	346,751.00	Occupied	6,521.74
Total Project Assessments:					\$ 150,000.00
TOTAL ESTIMATED PROJECT COST:					<u>\$ 150,000.00</u>

Resolution #3 – Far Ravine Drive & Windwood Court Road Improvement Project

TOWNSHIP OF HAMBURG

At a regular meeting of the Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) held at the Hamburg Township Hall Meeting Room on Tuesday, November 19th, 2019, beginning at 7:00 p.m. Eastern Time, there were:

PRESENT: _____

ABSENT: _____

The following preamble and resolution were offered by _____ and seconded by _____.

RESOLUTION APPROVING PETITIONS, PROJECT, COST ESTIMATES, SPECIAL ASSESSMENT DISTRICT AND CAUSING THE SPECIAL ASSESSMENT ROLL TO BE PREPARED

WHEREAS, the Township Board of Trustees (the “Township Board”) has received petitions from property owners in the Township (the “Petitions”) for certain road improvements to be made along Far Ravine Drive and Windwood Court within the Lakeland Hills Estates subdivision located in the Township;

WHEREAS, the Township Board has determined to proceed with the Far Ravine and Windwood Court road improvements as described in Exhibit A (the “Project”);

WHEREAS, preliminary plans and cost estimates for the Project have been filed with the Township Clerk;

WHEREAS, the Township Board has tentatively determined to finance the cost of the Project by issuing bonds (the “Bonds”), in accordance with Act No. 188, Michigan Public Acts of 1954, as amended (“Act 188”);

WHEREAS, the Township Board has tentatively determined to use Special Assessments levied under Act 188 to raise the funds to pay the Township’s obligations on the Bonds;

WHEREAS, the Township Board held a public hearing on the Project, the Petitions that have been submitted to the Township Board requesting the Project, and the proposed special assessment district (the “Special Assessment District”) for the Project on November 19, 2019;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. In accordance with Act 188, and the laws of the State of Michigan, the Township Board approves the completion of the Project and the Township Board approves the plans and cost estimates for the Project, which are on file with the Township Clerk and which are identified as “Plans and Cost Estimates for the “Far Ravine Drive and Windwood Court Road Improvement Project”.

2. The Township Board determines that the petitions for the Project submitted to the Township Board were sufficient to satisfy the requirements under Act 188 for initiating an improvement project.

3. The Township Board determines that the Special Assessment District for the Project shall consist of those properties that are described in Exhibit B. The term of the special assessment district shall be through 2030, or such shorter period of time as may be determined by the Township Board prior to the issuance of the Bonds.

4. After construction costs for the Project are determined, the Township Supervisor is directed to prepare the Special Assessment Roll for the Special Assessment District as identified in Exhibit B. The Special Assessment Roll shall describe all the parcels of land to be assessed with the names of the respective record owners of each parcel, if known, and the total amount to be assessed against each parcel of land. When the Township Supervisor completes the Special Assessment Roll, he shall affix his certificate to the roll, which certificate shall be substantially in the in the form of Exhibit C to this resolution.

A vote on the foregoing resolution was taken and was as follows:

YES: _____

NO: _____

ABSENT: _____

Resolution declared _____.

CLERK'S CERTIFICATE

The undersigned, being the Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board on November 19, 2019, at which meeting a quorum was present and remained throughout, (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1967, as amended) and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Michael Dolan
Hamburg Township Clerk

EXHIBIT A

Description of the Project

The project will consist of crushing and shaping the existing asphalt pavement and placing 3.6” of new hot mix asphalt in two lifts. The hot mix asphalt will be feathered on to the existing driveway approaches, including concrete drives, to match the new road elevation. The edge of the roadway will be restored with topsoil, seed and mulch. The street rehabilitation shall serve the properties in the Far Ravine Drive and Woodwind Court area of the Township that are within the boundaries indicated on the attached map, along with all necessary construction, drainage and restoration for such project.

Far Ravine Drive and Windwood Court Road Improvement Project
Hamburg Township, Livingston County, Michigan



Exhibit “B”

**HAMBURG TOWNSHIP
FAR RAVINE DRIVE AND WINDWOOD COURT
ROAD IMPROVEMENT PROJECT**

(1) The Hamburg Township Far Ravine Drive and Windwood Court Road Improvement Project Special Assessment District (the “Special Assessment District”) has been formed to specially assess the lands which are benefitted from the Project described in Exhibit A.

(2) The proposed Special Assessment District, within which the cost of the Project will be assessed, consists of the properties identified by the following permanent lot and parcel numbers.

15-15-301-001	15-15-301-002	15-15-301-003	15-15-301-004
15-15-301-007	15-15-301-008	15-15-301-009	15-15-301-010
15-15-301-011	15-15-301-012	15-15-301-013	15-15-301-014
15-15-301-015	15-15-301-016	15-15-301-017	15-15-301-018
15-15-301-019	15-15-301-020	15-15-301-021	15-15-301-022
15-15-301-023	15-15-301-025	15-15-301-026	

Exhibit “C”

CERTIFICATE

I, the undersigned, Supervisor of Hamburg Township, Livingston County, Michigan (the “Township”), acting pursuant to a resolution duly adopted by the Board of the Township on November 19th, 2019 (the “Resolution”) certify that (1) the attached special assessment roll for the Hamburg Township Far Ravine Drive and Windwood Court Road Improvement Project Special Assessment District, to which this Certificate is affixed, was made pursuant to the Resolution and (2) in making such roll, I have, according to my best judgment, conformed in all respects to the directions contained in the Resolution and the statutes of the State of Michigan, including Act No. 188, Public Acts of Michigan, 1954, as amended.

Dated: _____

Patrick J. Hohl
Hamburg Township Supervisor

Resolution #4 – Far Ravine Drive and Windwood Court Road Improvement Project

TOWNSHIP OF HAMBURG

At a regular meeting of the Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) held at the Hamburg Township Hall Meeting Room on Tuesday, November 19th, 2019, beginning at 7:00 p.m. Eastern Time, there were:

PRESENT: _____

ABSENT: _____

The following preamble and resolution were offered by _____ and seconded by _____.

RESOLUTION ACKNOWLEDGING THE FILING OF THE FAR RAVINE DRIVE & WINDWOOD COURT SPECIAL ASSESSMENT ROLL, SCHEDULING A HEARING AND DIRECTING THE ISSUANCE OF THE STATUTORY NOTICES

WHEREAS, the Board of Trustees (the “Township Board”) has determined that it is desirable and necessary to construct certain road improvements within the Township as described in Exhibit A (the “Project”);

WHEREAS, the Township Board has determined to proceed with the Project;

WHEREAS, the Township Board has tentatively determined to finance the cost of the Project by issuing bonds (the “Bonds”) to finance the cost of the Project, in accordance with Act No. 188, Michigan Public Acts of 1954, as amended (“Act 188”);

WHEREAS, the Township Board has tentatively determined to use Special Assessments levied under Act 188 to raise the funds to pay the Township’s obligations on the Bonds;

WHEREAS, the plans and cost estimates for the Project have been filed with the Township Clerk;

WHEREAS, the Township Supervisor has prepared the proposed Special Assessment Roll entitled “The Proposed Special Assessment Roll for the Hamburg Township Far Ravine Drive and Windwood Court Road Improvement Project” (the “Proposed Roll”) and has filed the Proposed Roll with the Township Clerk;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Township Board acknowledges that the Township Supervisor has filed the Proposed Roll with the Township Clerk.

2. The Township Board acknowledges that the Supervisor has certified that (a) the Proposed Roll was prepared in accordance with the Township Board's direction and (b) the Proposed Roll was prepared in accordance with the laws of the State of Michigan.

3. In accordance with Act 188, Michigan Public Acts of 1954, as amended, and the laws of the State of Michigan, there shall be a public hearing on the Proposed Roll.

4. The public hearing will be held on Tuesday, December 17, 2019 at 6:00 p.m. at the Township Hall of Hamburg Township, Livingston County, Michigan, or at such other place as the Township Clerk may designate, provided sufficient notice is given of such alternate location as required by law.

5. The Township Clerk is directed to mail, by first class mail, a notice of the public hearing to each owner of or party in interest in property to be assessed, whose name appears upon the last Township tax assessment records. The last Township tax assessment records means the last assessment roll for ad valorem tax purposes which has been reviewed by the Township Board of Review, as supplemented by any subsequent changes in the names or addresses of such owners or parties listed thereon. The notice to be mailed by the Township Clerk shall be similar to the notice attached as Exhibit B and shall be mailed by first class mail on or before December 4, 2019. Following the mailing of the notices, the Township Clerk shall complete an affidavit of mailing similar to the affidavit set forth in Exhibit C.

6. The Township Clerk is directed to publish a notice of the public hearing in the Livingston County Press & Argus a newspaper of general circulation within the Township. The notice shall be published twice, once on or before December 4, 2019, and once on or before December 11, 2019. The notice shall be in form substantially similar to the notice attached in Exhibit B.

A vote on the foregoing resolution was taken and was as follows:

YES: _____

NO: _____

ABSTAIN: _____

Resolution declared _____.

CLERK'S CERTIFICATE

The undersigned, being the Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board on November 19, 2019, at which meeting a quorum was present and remained throughout, (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1967, as amended) and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Michael Dolan
Hamburg Township Clerk

EXHIBIT “A”

DESCRIPTION OF PROJECT

The project will consist of crushing and shaping the existing asphalt pavement and placing 3.6” of new hot mix asphalt in two lifts. The hot mix asphalt will be feathered on to the existing driveway approaches, including concrete drives, to match the new road elevation. The edge of the roadway will be restored with topsoil, seed and mulch. The street rehabilitation shall serve the properties in the Far Ravine Drive and Woodwind Court area of the Township that are within the boundaries indicated on the attached map, along with all necessary construction, drainage and restoration for such project.

Far Ravine Drive and Windwood Court Road Improvement Project
Hamburg Township, Livingston County, Michigan

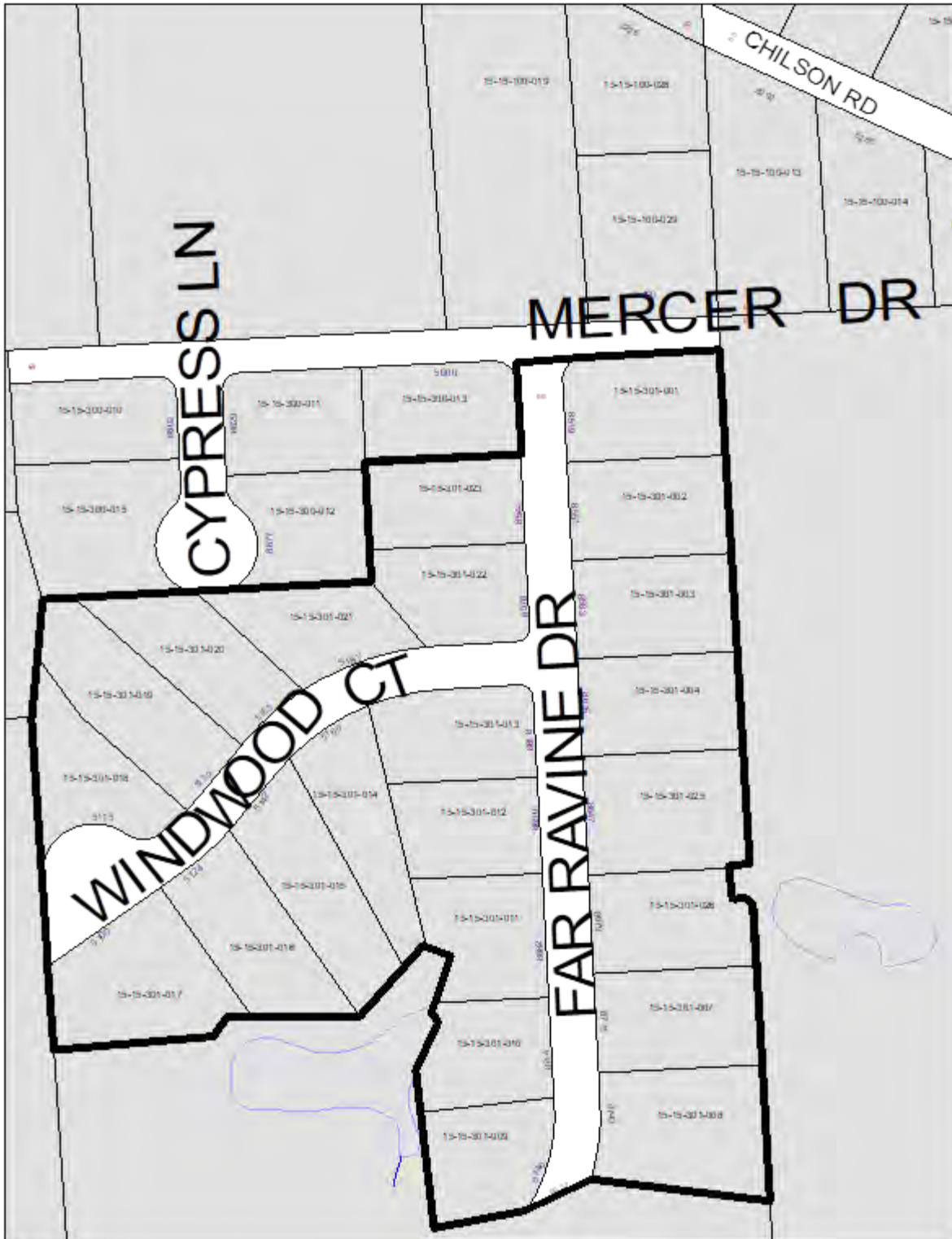


EXHIBIT “B”

FORM OF NOTICE OF PUBLIC HEARING

Hamburg Township
Livingston County, Michigan

**NOTICE OF PUBLIC HEARING
UPON SPECIAL ASSESSMENT ROLL FOR THE
FAR RAVINE DRIVE AND WINDWOOD COURT
ROAD IMPROVEMENT PROJECT SPECIAL ASSESSMENT DISTRICT**

NOTICE IS HEREBY GIVEN:

(1) The Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) has determined to levy special assessments against lands in the FAR RAVINE DRIVE AND WINDWOOD COURT ROAD IMPROVEMENT PROJECT SPECIAL ASSESSMENT DISTRICT (the “District”) that will be benefited by the construction of road improvements in the District. The District consists of the lands identified in the map attached to this notice and is more specifically identified by the following permanent parcel numbers:

15-15-301-001	15-15-301-002	15-15-301-003	15-15-301-004
15-15-301-007	15-15-301-008	15-15-301-009	15-15-301-010
15-15-301-011	15-15-301-012	15-15-301-013	15-15-301-014
15-15-301-015	15-15-301-016	15-15-301-017	15-15-301-018
15-15-301-019	15-15-301-020	15-15-301-021	15-15-301-022
15-15-301-023	15-15-301-025	15-15-301-026	

(2) The proposed special assessment roll for the District (the “Roll”) has been prepared and is now on file in the office of the Township Clerk and is available at such office for public examination during the hours the Township Hall is regularly open to the public for business.

(3) The Township Board will conduct a public hearing beginning at 6:00 p.m., local time on Tuesday, December 17, 2019, at the Hamburg Township Hall, 10405 Merrill Road, Hamburg, Michigan to explain and answer questions pertaining to the Roll and to hear objections to the Roll. Any person objecting to the Roll must file his or her objections in writing before the close of the public hearing or within such additional time (if any) as the Township Board may grant.

(4) The owner or other person having an interest in property that is specially assessed is entitled to file a written appeal with the Michigan Tax Tribunal within 30 days after confirmation of the Roll. However, appearance and protest at the public hearing are required by law in order to appeal the special assessment to the Michigan Tax Tribunal. An owner or other party in interest or his or her agent may (1) appear and protest in person at the hearing or (2) file an appearance and protest by letter before the close of the hearing.

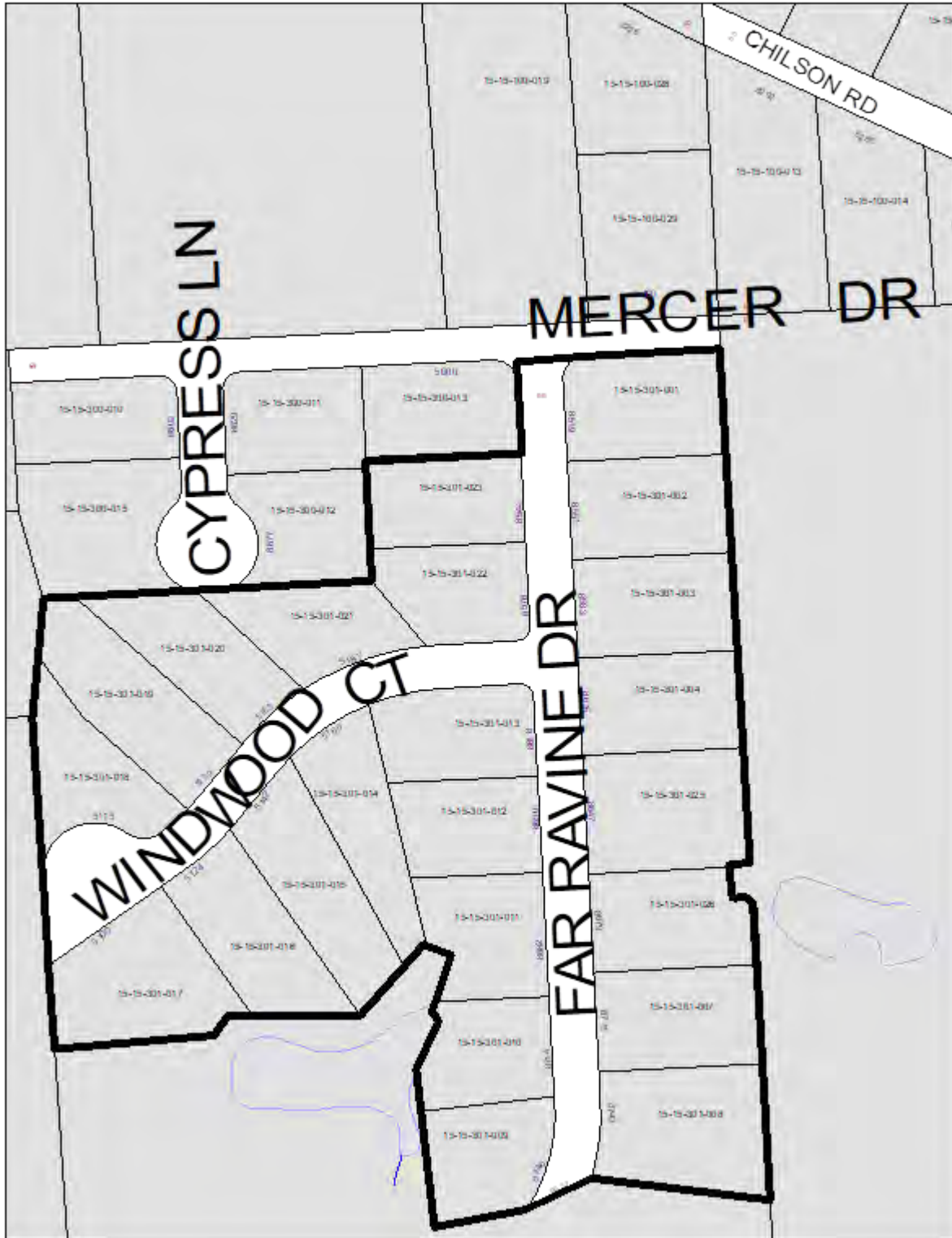
The Township Board will maintain a record of the persons who appear and protest at the hearing. If the hearing is terminated or adjourned for the day before a party is provided the opportunity to be heard, a party whose appearance was so recorded shall be considered to have protested the special assessment in person.

This notice is given by order of the Hamburg Township Board.

Dated: _____

Michael Dolan
Hamburg Township Clerk
10405 Merrill Rd. P.O. Box 157
Hamburg, MI 48139

Far Ravine Drive and Windwood Court Road Improvement Project
Hamburg Township, Livingston County, Michigan



Far Ravine Drive and Windwood Court Road Improvement Project

EXHIBIT "C"

AFFIDAVIT OF MAILING

STATE OF MICHIGAN)
)ss
COUNTY OF LIVINGSTON)

MICHAEL DOLAN, being first duly sworn, deposes, and says that he personally prepared for mailing, and did on December 4, 2019, send by first-class mail, the notice of hearing, a true copy of which is attached hereto, to each record owner of or party in interest in all property to be assessed for the improvement described therein, as shown on the last local tax assessment records of the Township of Hamburg; that he personally compared the address on each envelope against the list of property owners as shown on the current tax assessment rolls of the Township; that each envelope contained therein such notice and was securely sealed with postage fully prepaid for first-class mail delivery and plainly addressed; and that he personally placed all of such envelopes in a United States Post Office receptacle on the above date.

Michael Dolan
Hamburg Township Clerk

Subscribed and sworn to before me
this ____ day of _____, 2019.

_____, Notary Public
Livingston County, MI
My commission expires:



Township Board Cover Sheet

Arrowhead Subdivision – Road Improvement S.A.D. **First Public Hearing to Establish S.A.D.**

Information Packet:

Hamburg Township has been approached by residents living in the Arrowhead Subdivision requesting that their road be improved through a Township financed special assessment district. This project would consist of the establishment of a S.A.D. with the road improvements constructed under the direction of the Livingston County Road Commission. Based upon property owner response, there are enough petitions to proceed with creating the district.

The following items have been included for the Board's review:

1. **Notice of First Public Hearing:**

- A. Affidavit of Mailing
- B. Hearing Cover Letter
- C. Notice of Improvement Hearing – per Public Act 188 requirements
- D. Mailing List of Property Owners included in S.A.D.
- E. Estimate of Cost for the proposed Road Improvement S.A.D.
- F. Proposed Arrowhead Subdivision Special Assessment Roll

2. **Project Resolution(s):**

- **Resolution No. 3** – Resolution Approving Petitions, Project, Cost Estimates, Special Assessment District and Causing the Special Assessment Roll to be Prepared
- **Resolution No. 4** – Resolution Acknowledging the Filing of the Arrowhead Subdivision Special Assessment Roll, Scheduling a Hearing and Directing the Issuance of the Statutory Notices

NOTE: Resolution No. 4 will set the date and time for the second public hearing to be held to adopt the Assessment Roll. I am recommending that the 2nd public hearing be scheduled for **Tuesday, December 17th, 2019 beginning at 6:30 p.m.** to allow enough time for notice to be published in the newspaper as well as mailing individual notices to property owners.

The Arrowhead Subdivision Road Improvement district will be included on the upcoming bond issue along with a number of other Road Improvement projects.

Drafted: November 5th, 2019



10405 Merrill Road ♦ P.O. Box 157
Hamburg, MI 48139
Phone: 810.231.1000 ♦ Fax: 810.231.4295
www.hamburg.mi.us

AFFIDAVIT OF MAILING

STATE OF MICHIGAN)
)ss
COUNTY OF LIVINGSTON)

BRITTANY K. CAMPBELL, being first duly sworn, deposes, and says that she personally prepared for mailing, and did on November 6, 2019, send by first-class mail, the proposed **Arrowhead Subdivision – Road Improvement Special Assessment District** notice of first public hearing, a true copy of which is attached hereto, to each record owner of or party in interest in all property to be assessed for the improvement described therein, as shown on the last local tax assessment records of the Township of Hamburg; that she personally compared the address on each envelope against the list of property owners as shown on the current tax assessment rolls of the Township; that each envelope contained therein such notice and was securely sealed with postage fully prepaid for first-class mail delivery and plainly addressed; and that she personally placed all of such envelopes in a United States Post Office receptacle on the above date.

Brittany K. Campbell
Brittany K. Campbell
Hamburg Township Utilities Coordinator

Subscribed and sworn to before me
this 6th day of November, 2019.

Courtney L. Paton
Notary Public
Jackson County
Livingston County, MI

My commission expires: 1/17/2024

COURTNEY L. PATON
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF JACKSON
My Commission Expires 01/17/2024
Acting in the County of Livingston

November 6th, 2019

Re: **Arrowhead Subdivision – Road Improvement Special Assessment District**
Notice of First Public Hearing

Dear Property Owner,

Enclosed is a copy of the Notice of Improvement Hearing to establish the Arrowhead Subdivision road improvement special assessment district (SAD). The project will consist of milling out approximately three-inches (3.0”) of existing asphalt pavement and repair of transverse cracks. Once the road is re-graded, Contractor shall place two (2) lifts of new hot mix asphalt with an asphalt wing curb and turf restoration to convey road runoff to the existing catch basins or spillways, altogether with the necessary related work.

The Township Board has scheduled the first public hearing for Tuesday, November 19th, 2019 to begin at 6:30 p.m. here at the Township Offices located at 10405 Merrill Road. The purpose of the meeting is to discuss the desire to establish the district, the district boundaries and the estimated cost of the project. The estimated road improvement project cost is \$1,250,000.00 which will be split equally among the 116 parcels in an assessment of approximately \$10,775.87 per parcel plus interest charges under a ten (10) year bond re-payment schedule.

Any property owner or owners who wish to remove their support for the project must submit a letter in writing to the Township requesting to rescind their signatures from the petition by the first public hearing on November 19th. Letters may be addressed to me or the Township Clerk, Michael Dolan, and mailed to Hamburg Township, P.O. Box 157, Hamburg, MI 48139. Faxed copies or emailed/scanned copies cannot be accepted. If after the first public hearing there is still enough support to move forward with establishing the special assessment district the Board will pass a resolution to schedule the 2nd public hearing for the purpose of discussing the Assessment Roll and adoption by the Township Board which will authorize the collection of the special assessments that will first appear on the December 1, 2020 tax bill.

If you would like to discuss the road improvement project before the public hearing please feel free to contact the Township Supervisor, Patrick J. Hohl, at (810) 231-1000 Ext. 202 or his direct line at (810) 222-1116 or via email at pathohl@hamburg.mi.us.

Sincerely,



Brittany K. Campbell
Hamburg Township Utilities Coordinator



NOTICE OF PUBLIC HEARING

Hamburg Township
Livingston County, Michigan

NOTICE OF PUBLIC HEARING
UPON A PROPOSED ROAD IMPROVEMENT PROJECT
AND SPECIAL ASSESSMENT DISTRICT FOR
THE ARROWHEAD SUBDIVISION

NOTICE IS HEREBY GIVEN:

(1) The Township Board of Hamburg Township, Livingston County, Michigan, in accordance with the laws of the State of Michigan, will hold a public hearing on Tuesday, November 19, 2019 at 6:30 p.m., at the Hamburg Township Hall, 10405 Merrill Road, Hamburg, Michigan 48139, to review the following proposed special assessment district:

HAMBURG TOWNSHIP ARROWHEAD SUBDIVISION
ROAD IMPROVEMENT SPECIAL ASSESSMENT DISTRICT

and to hear any objections thereto and to the proposed Project and to the petitions filed with the Township Board requesting the Project.

(2) The project (the "Project") will consist of milling out approximately three-inches (3.0") of existing asphalt pavement and repair of transverse cracks. Once the road is re-graded, Contractor shall place two (2) lifts of new hot mix asphalt with an asphalt wing curb and turf restoration to convey road runoff to the existing catch basins or spillways, altogether with the necessary related work. The Project is being designed to serve the properties in the Special Assessment District, which properties are adjacent to Kiowa Trail, Pawnee Trail, Navajo Trail, Shoshoni Pass and Arapaho Pass, and which properties are identified by the following permanent parcel numbers:

15-15-101-001	15-15-101-002	15-15-101-003	15-15-101-004
15-15-101-005	15-15-101-006	15-15-101-007	15-15-101-008
15-15-101-009	15-15-101-010	15-15-101-011	15-15-101-012
15-15-101-013	15-15-101-014	15-15-101-015	15-15-101-016
15-15-101-017	15-15-101-018	15-15-101-019	15-15-101-020
15-15-101-021	15-15-101-022	15-15-101-023	15-15-101-024
15-15-101-025	15-15-101-026	15-15-101-027	15-15-101-028
15-15-101-029	15-15-101-030	15-15-101-031	15-15-101-032
15-15-101-033	15-15-101-034	15-15-101-035	15-15-101-036
15-15-101-037	15-15-101-038	15-15-101-039	15-15-101-040
15-15-101-041	15-15-101-042	15-15-101-043	15-15-101-044

15-15-101-045	15-15-101-046	15-15-101-047	15-15-101-048
15-15-101-049	15-15-101-050	15-15-101-051	15-15-101-052
15-15-101-053	15-15-101-054	15-15-101-055	15-15-101-056
15-15-101-057	15-15-101-058	15-15-101-059	15-15-101-060
15-15-101-061	15-15-101-062	15-15-101-063	15-15-101-064
15-15-101-065	15-15-101-066	15-15-101-067	15-15-101-068
15-15-101-069	15-15-101-070	15-15-101-071	15-15-101-072
15-15-101-073	15-15-101-074	15-15-101-075	15-15-101-076
15-15-101-077	15-15-101-078	15-15-101-079	15-15-101-080
15-15-101-081	15-15-101-082	15-15-101-083	15-15-101-084
15-15-101-085	15-15-101-086	15-15-101-087	15-15-101-088
15-15-101-089	15-15-101-090	15-15-101-091	15-15-101-092
15-15-101-093	15-15-101-094	15-15-101-095	15-15-101-096
15-15-101-097	15-15-101-098	15-15-101-099	15-15-101-100
15-15-101-101	15-15-101-102	15-15-101-103	15-15-101-104
15-15-101-105	15-15-101-106	15-15-101-107	15-15-101-111
15-15-101-112	15-15-101-113	15-15-101-114	15-15-101-115
15-15-101-116	15-15-101-118	15-15-101-119	15-15-101-120

(3) The Township plans on imposing special assessments on the properties located in the Special Assessment District to pay for the costs of the Project.

(4) The plans and cost estimates for the proposed Project, the boundaries of the Special Assessment District and the petitions filed in support of the Project are now on file in the office of the Township Clerk for public inspection. Periodic redeterminations of the cost of the Project may be made, and subsequent hearings shall not be required if such cost redeterminations do not increase the estimated cost of the Project by more than 10%. Any person objecting to the proposed Project, the petitions for the Project or the proposed Special Assessment District shall file an objection in writing with the Township Clerk before the close of the November 19th, 2019 hearing, or within such further time the Township Board may grant.

This notice is given by order of the Hamburg Township Board.

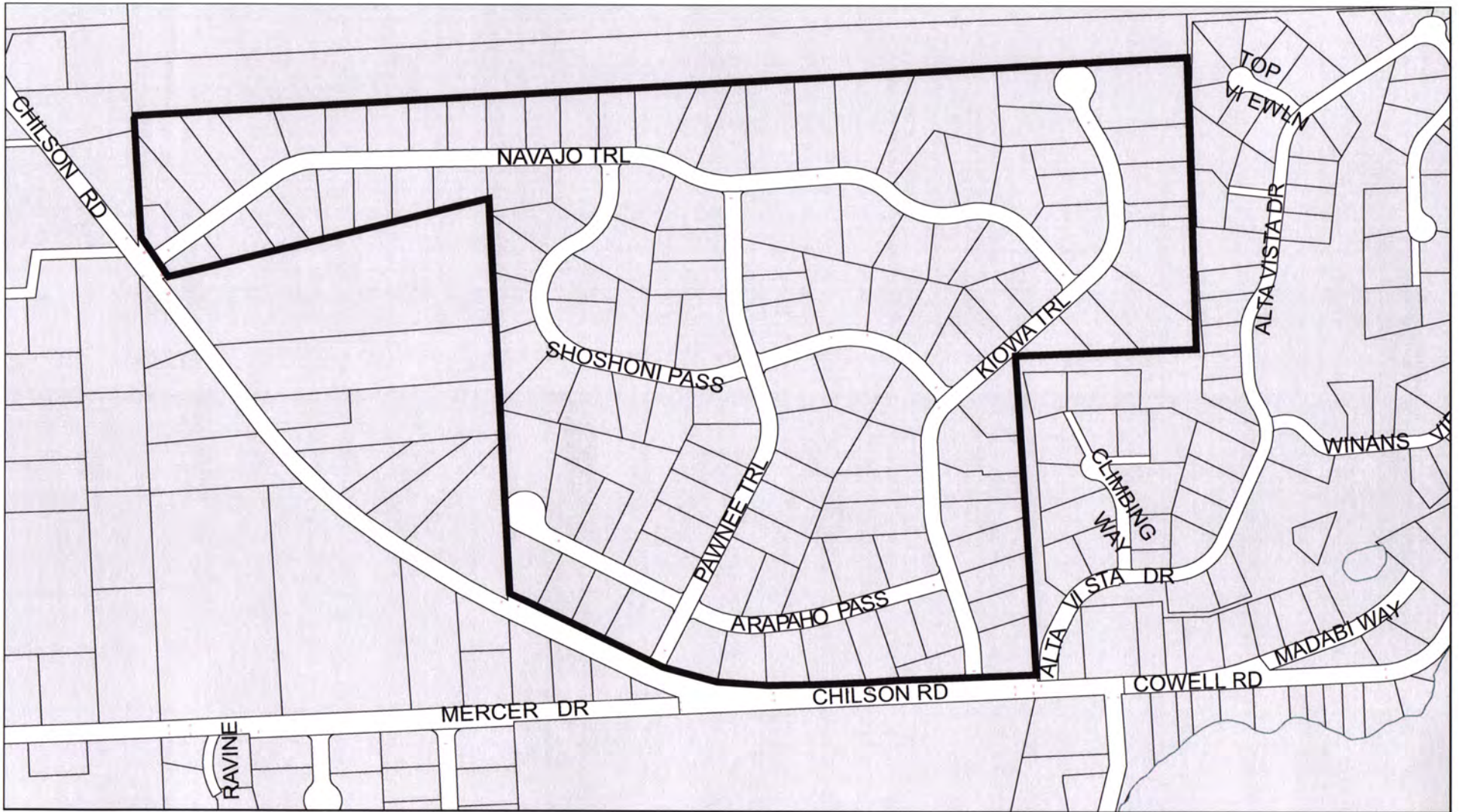
Dated: November 6th, 2019

Michael Dolan
Hamburg Township Clerk
10405 Merrill Rd. P.O. Box 157
Hamburg, MI 48139

ARROWHEAD SUBDIVISION – ROAD IMPROVEMENT SPECIAL ASSESSMENT DISTRICT

Hamburg Township, Livingston County, Michigan

The general service area in which a proposed special assessment district is to be designated. The Hamburg Township Board of Trustees may adjust the district boundaries based upon property owner response in support of creating a road improvement special assessment district.



General service area establishing the Arrowhead Subdivision – Road Improvement Special Assessment District. **Proposed special assessment district boundary shown within thick black-lined area.**

15-15-101-001
Kenneth C. & Kathryn E. Eckerd
P.O. Box 588
Lakeland, MI 48143

15-15-101-002
J. M. Burch & M. Dunwell-Burch
8529 Kiowa Trail
Pinckney, MI 48169

15-15-101-003
Gary & Jennifer Burg
P.O. Box 306
Pinckney, MI 48169

15-15-101-004
Barrett & Linda L. Kalellis
8491 Kiowa Trail
Pinckney, MI 48169

15-15-101-005
Don & Laurie Weidman
8469 Kiowa Trail
Pinckney, MI 48169

15-15-101-006
John & Corey Tidman
8443 Kiowa Trail
Pinckney, MI 48169

15-15-101-007
Christopher A. Burrell
8415 Kiowa Trail
Pinckney, MI 48169

15-15-101-008
Marian Ballenger & Darin Ballenger
8265 Kiowa Trail
Pinckney, MI 48169

15-15-101-009
Christopher & Jennifer Thornton
8215 Kiowa Trail
Pinckney, MI 48169

15-15-101-010
Betty J. Steeber
8191 Kiowa Trail
Pinckney, MI 48169

15-15-101-011
The Robert & Anna Love Trust
8185 Kiowa Trail
Pinckney, MI 48169

15-15-101-012
Richard L. Tomorsky
8161 Kiowa Trail
Pinckney, MI 48169

15-15-101-013
William Porath
8143 Kiowa Trail
Pinckney, MI 48169

15-15-101-014
John T. & Yvonne Baldwin
8115 Kiowa Trail
Pinckney, MI 48169

15-15-101-015
Mary Cortese Trust
8110 Kiowa Trail
Pinckney, MI 48169

15-15-101-016
Richard J. & Suzanne Bauch
8128 Kiowa Trail
Pinckney, MI 48169

15-15-101-017
Alexander M. Allan III
8146 Kiowa Trail
Pinckney, MI 48169

15-15-101-018
Michael Cobb & Carol Dacko
8162 Kiowa Trail
Pinckney, MI 48169

15-15-101-019
Michael Hanig & Joseph E. Mroz
5699 Navajo Trail
Pinckney, MI 48169

15-15-101-020
Gerald Musgrave
5667 Navajo Trail
Pinckney, MI 48169

15-15-101-021
Robert A. & Lois J. Grimm
5641 Navajo Trail
Pinckney, MI 48169

15-15-101-022
Matthew J. Helms
5621 Navajo Trail
Pinckney, MI 48169

15-15-101-023
Carl J. & Denise J. Franz
5595 Navajo Trail
Pinckney, MI 48169

15-15-101-024
Glen Gerald Wisner
5567 Navajo Trail
Pinckney, MI 48169

15-15-101-025
Phillip & Xiaoyan Szornyi
5543 Navajo Trail
Pinckney, MI 48169

15-15-101-026
Mark & Jackie Jemson
5517 Navajo Trail
Pinckney, MI 48169

15-15-101-027
Doug Karaska & Erin Endres
5491 Navajo Trail
Pinckney, MI 48169

15-15-101-028
Sharon Pernia
5463 Navajo Trail
Pinckney, MI 48169

15-15-101-029
Adam Leibinger & Elizabeth Austin
5435 Navajo Trail
Pinckney, MI 48169

15-15-101-030
Nathan J. Roller
5407 Navajo Trail
Pinckney, MI 48169

15-15-101-031
Danny G. & Ann L. Langford
5353 Navajo Trail
Pinckney, MI 48169

15-15-101-032
Frank J. & Sally A. Urbaniak
5325 Navajo Trail
Pinckney, MI 48169

15-15-101-033
James & Lavola Cecora
5297 Navajo Trail
Pinckney, MI 48169

15-15-101-034
Theodore R. Watson, Jr.
7438 Oak Shore Dr.
Portage, MI 49024

15-15-101-035
Shaun D. Tuttle
5237 Navajo Trail
Pinckney, MI 48169

15-15-101-036
James Sternburg & Angel Hellis
5211 Navajo Trail
Pinckney, MI 48169

15-15-101-037
Jeffrey & Stephanie Sterling
5181 Navajo Trail
Pinckney, MI 48169

15-15-101-038
Timothy M. Mahon
5157 Navajo Trail
Pinckney, MI 48169

15-15-101-039
Nathan D. & Sarah J. Emery
5131 Navajo Trail
Pinckney, MI 48169

15-15-101-040
Joseph & Suzanne Bergum
5101 Navajo Trail
Pinckney, MI 48169

15-15-101-041
Robert Yunker & Sarah Roessler
5128 Navajo Trail
Pinckney, MI 48169

15-15-101-042
Thomas G. & Laura A. Smiley
5156 Navajo Trail
Pinckney, MI 48169

15-15-101-043
Kenneth L. & Susan M. Aris
5188 Navajo Trail
Pinckney, MI 48169

15-15-101-044
Steven M & Angela L. Harris
5226 Navajo Trail
Pinckney, MI 48169

15-15-101-045
Stuart & Tracy Martin
5254 Navajo Trail
Pinckney, MI 48169

15-15-101-046
Rolland Spring
5282 Navajo Trail
Pinckney, MI 48169

15-15-101-047
Douglas & Constance Rickelmann
5314 Navajo Trail
Pinckney, MI 48169

15-15-101-048
Traiforos Family Trust
5360 Navajo Trail
Pinckney, MI 48169

15-15-101-049
Carol Rozek & Laura Rozek
5416 Shoshoni Pass
Pinckney, MI 48169

15-15-101-050
Donald S. & Julie C. Britt
5432 Shoshoni Pass
Pinckney, MI 48169

15-15-101-051
Jacob B. & Shannon M. Jurden
5448 Shoshoni Pass
Pinckney, MI 48169

15-15-101-052
Frank C. & Laura J. Clark
5464 Shoshoni Pass
Pinckney, MI 48169

15-15-101-053
Kenneth & Lynn Brandt
5480 Shoshoni Pass
Pinckney, MI 48169

15-15-101-054
Gregory R. & Roberta A. Denoyer
5496 Shoshoni Pass
Pinckney, MI 48169

15-15-101-055
Margherita G. Marini
5512 Shoshoni Pass
Pinckney, MI 48169

15-15-101-056
Delores Sattler & John Sattler
5528 Shoshoni Pass
Pinckney, MI 48169

15-15-101-057
Janet Certo & Jamie & Mary S. Certo
5544 Shoshoni Pass
Pinckney, MI 48169

15-15-101-058
James & Jodi Knight
5548 Shoshoni Pass
Pinckney, MI 48169

15-15-101-059
Gary & Marilyn Holman
8422 Pawnee Trail
Pinckney, MI 48169

15-15-101-060
Timothy & Pamela Mann
8444 Pawnee Trail
Pinckney, MI 48169

15-15-101-061
Robert L. Peloquin Trust
8466 Pawnee Trail
Pinckney, MI 48169

15-15-101-062
Robert L. Peloquin Trust
8466 Pawnee Trail
Pinckney, MI 48169

15-15-101-063
Stephen & Janet Clapp
8498 Pawnee Trail
Pinckney, MI 48169

15-15-101-064
Michael & Janet McGivney Trust
5345 Arapaho Pass
Pinckney, MI 48169

15-15-101-065
Paul Osburn
5323 Arapaho Pass
Pinckney, MI 48169

15-15-101-066
Erich J. & Dawn L. Vorenkamp
5301 Arapaho Pass
Pinckney, MI 48169

15-15-101-067
David J. & Heather A. Reed
5318 Arapaho Pass
Pinckney, MI 48169

15-15-101-068
Michael D. Chouinard
5344 Arapaho Pass
Pinckney, MI 48169

15-15-101-069
Adam Ungelbach
5366 Arapaho Pass
Pinckney, MI 48169

15-15-101-070
Derek R. & Diana L. French
5390 Arapaho Pass
Pinckney, MI 48169

15-15-101-071
David A. & Pamellia A. Smith
5402 Arapaho Pass
Pinckney, MI 48169

15-15-101-072
Cyril & Linda G. Nichols
5424 Arapaho Pass
Pinckney, MI 48169

15-15-101-073
Lon D. & Sharon L. Maus
5450 Arapaho Pass
Pinckney, MI 48169

15-15-101-074
Christopher & Margaret Billel
5474 Arapaho Pass
Pinckney, MI 48169

15-15-101-075
Timothy & Janice Richards
5500 Arapaho Pass
Pinckney, MI 48169

15-15-101-076
Margaret Moore
5524 Arapaho Pass
Pinckney, MI 48169

15-15-101-077
James & Mary Katakowski
5550 Arapaho Pass
Pinckney, MI 48169

15-15-101-078
Chris & Linda Dondzila
5549 Arapaho Pass
Pinckney, MI 48169

15-15-101-079
Robert & Jane Murdock
5511 Arapaho Pass
Pinckney, MI 48169

15-15-101-080
Dorothy Babas & Ellen Babas
5471 Arapaho Pass
Pinckney, MI 48169

15-15-101-081
Catherine Jones
5427 Arapaho Pass
Pinckney, MI 48169

15-15-101-082
Michael & Kyle Gairdner
5401 Arapaho Pass
Pinckney, MI 48169

15-15-101-083
Clarold Britton
8463 Pawnee Trail
Pinckney, MI 48169

15-15-101-084
Keith & Sharon Guastella
8441 Pawnee Trail
Pinckney, MI 48169

15-15-101-085
Richard W. Everett
8423 Pawnee Trail
Pinckney, MI 48169

15-15-101-086
James M. Allen
8415 Pawnee Trail
Pinckney, MI 48169

15-15-101-087
Michael & Amanda Mortensen
8401 Pawnee Trail
Pinckney, MI 48169

15-15-101-088
Everett & Laurie Livingston
5640 Shoshoni Pass
Pinckney, MI 48169

15-15-101-089
Ronald Upton Trust
5660 Shoshoni Pass
Pinckney, MI 48169

15-15-101-090
Margaret Demare
8426 Kiowa Trail
Pinckney, MI 48169

15-15-101-091
Jason & Maria Davenport
8442 Kiowa Trail
Pinckney, MI 48169

15-15-101-092
Donald Hoaglund & Nancy Neill
8468 Kiowa Trail
Pinckney, MI 48169

15-15-101-093
James E. & Carol L. Cosman
5661 Shoshoni Pass
Pinckney, MI 48169

15-15-101-094
Stephen S. & Mona A. Brossard
8256 Kiowa Trail
Pinckney, MI 48169

15-15-101-095
Brendan G. & Molly K.H. Finnerty
8240 Kiowa Trail
Pinckney, MI 48169

15-15-101-096
David & Christine Northmore
8224 Kiowa Trail
Pinckney, MI 48169

15-15-101-097
Celso P. & Nancy G. Malang
5670 Navajo Trail
Pinckney, MI 48169

15-15-101-098
Scott & Laurie Lunn
5636 Navajo Trail
Pinckney, MI 48169

15-15-101-099
James F. & Terry L. Kobe
5620 Navajo Trail
Pinckney, MI 48169

15-15-101-100
Brock L. Parker
5600 Navajo Trail
Pinckney, MI 48169

15-15-101-101
Michael V. & Michaelene Farrell
8225 Pawnee Trail
Pinckney, MI 48169

15-15-101-102
Ken & April Gardner
8247 Pawnee Trail
Pinckney, MI 48169

15-15-101-103
Yvette Vandersluis Living Trust
5595 Shoshoni Pass
Pinckney, MI 48169

15-15-101-104
Robert & Theresa Janik
5629 Shoshoni Pass
Pinckney, MI 48169

15-15-101-105
Kathleen & Douglas Morningstar
5641 Shoshoni Pass
Pinckney, MI 48169

15-15-101-106
Blake Gerald Stamper
5651 Shoshoni Pass
Pinckney, MI 48169

15-15-101-107
Gary J. & Andrea Stepien
8290 Pawnee Trail
Pinckney, MI 48169

15-15-101-111
James M. & Jacqueline K. Hagar
5415 Shoshoni Pass
Pinckney, MI 48169

15-15-101-112
Colleen Smith & Daniel Anderson
5427 Shoshoni Pass
Pinckney, MI 48169

15-15-101-113
Lorra Fitzpatrick
5445 Shoshoni Pass
Pinckney, MI 48169

15-15-101-114
Dyнетta F. & Lloyd T., Jr. Flowers
5491 Shoshoni Pass
Pinckney, MI 48169

15-15-101-115
David M. Denkhaus
8163 Grand River Rd., Suite 500
Brighton, MI 48114

15-15-101-116
Gary W. Good
5541 Shoshoni Pass
Pinckney, MI 48169

15-15-101-118
Granville A. & Nia L. Noles
8244 Pawnee Trail
Pinckney, MI 48169

15-15-101-119
Arley E. & Virginia L. Downer
8222 Pawnee Trail
Pinckney, MI 48169

15-15-101-120
Robert & Victoria Lyscas
5500 Navajo Trail
Pinckney, MI 48169



**ESTIMATE OF COST
PROPOSED ARROWHEAD SUBDIVISION
ROAD IMPROVEMENT SPECIAL ASSESSMENT DISTRICT**

Hamburg Township Administration Expenses:

Total Township Fees: \$ 0.00

Road Improvements: Livingston County Road Commission \$ 1,250,000.00

Road improvements shall include milling out approximately three-inches (3.0”) of existing asphalt pavement and repair of transverse cracks. Once the road is re-graded, Contractor shall place two (2) lifts of new hot mix asphalt with an asphalt wing curb and turf restoration to convey road runoff to the existing catch basins or spillways, altogether with the necessary related work.

Total Estimated Project Cost \$ 1,250,000.00

\$ 1,250,000.00 divided by 116 Parcels = **\$10,775.87 per parcel.**

NOTE:

The cost of the road improvements will be financed through special assessment bonds. Property owners within the SAD will only be charged for the road improvement construction charges. The Township will pay for all legal and administrative fees to establish the district and for the sale of the bond to finance the project. Annual principal payments will be equally assessed per parcel plus interest on the unpaid balance. The interest amount will be determined by the market interest rate for the sale of the Bonds at the time the project is financed. The assessment costs will be presented to property owners prior to establishing the special assessment district.

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
EXHIBIT "B"

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-001	Kenneth C. & Kathryn E. Eckerd P.O. Box 588 Lakeland, MI 48143	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 1	\$ 296,065.00	Occupied	\$ 10,775.87
15-15-101-002	John M. Burch & Melissa Dunwell-Burch 8529 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 2	287,044.00	Occupied	10,775.87
15-15-101-003	Gary & Jennifer Burg P.O. Box 306 Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 3	281,963.00	Occupied	10,775.87
15-15-101-004	Barrett & Linda L. Kalellis 8491 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 4	298,485.00	Occupied	10,775.87
15-15-101-005	Don & Laurie Weidman 8469 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 5	326,497.00	Occupied	10,775.87
15-15-101-006	John & Corey Tidman 8443 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 6 ALSO PT LOT 7 BEG SW COR SAID LOT TH N2*W ALG ELY ROW KIOWA TR 45 FT TH S68*E 109.66 FT TH S87*W ALG SD S LINE 100 FT TO POB ALSO EXC PT LOT 6 BEG NE COR LOT 6 TH S3*E ALG E LINE SD LOT 6 14.12 FT TH S87*W 159.29 FT TH N3*W 14.12 FT TO N LINE SD LOT TH N 87* E ALG SD N LINE 159.29 FT TO POB.	304,179.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
 NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-007	Christopher A. Burrell 8415 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 7 ALSO PT LOT 6 DESC AS BEG NE COR LOT 6 TH S3*E ALG E LINE SD LOT 14.12 FT TH S87*W 159.29 FT TH N3*W 14.12 FT TO N LINE SD LOT TH N 87* E ALG SD N LINE 159.29 FT TO POB ALSO EXC PT LOT 7 BEG SW COR LOT 7 TH N2*W ALG ELY ROW KIOWA TRL 45 FT TH S68*E 109.66 FT TO S LINE SD LOT TH S87*W ALG SD S LINE 100 FT TO POB.	\$ 309,283.00	Occupied	\$ 10,775.87
15-15-101-008	Marian Ballenger & Darin Ballenger 8265 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 8	239,222.00	Occupied	10,775.87
15-15-101-009	Christopher & Jennifer Thornton 8215 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 9	336,852.00	Occupied	10,775.87
15-15-101-010	Betty J. Steeber 8191 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 10	403,815.00	Occupied	10,775.87
15-15-101-011	The Robert & Ann Love Trust 8185 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 11	309,842.00	Occupied	10,775.87
15-15-101-012	Richard L. Tomorsky 8161 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 12	348,692.00	Occupied	10,775.87
15-15-101-013	William Porath 8143 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 13	348,257.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-014	John T. & Yvonne Baldwin 8115 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 14	\$ 343,754.00	Occupied	\$ 10,775.87
15-15-101-015	Mary Cortese Trust 8110 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 15	248,459.00	Occupied	10,775.87
15-15-101-016	Richard J. & Suzanne Bauch 8128 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 16	351,016.00	Occupied	10,775.87
15-15-101-017	Alexander M. Allan III 8146 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 17	381,442.00	Occupied	10,775.87
15-15-101-018	Michael Cobb & Carol Dacko 8162 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 18	348,788.00	Occupied	10,775.87
15-15-101-019	Michael Hanig & Joseph E. Mroz 5699 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 19	336,808.00	Occupied	10,775.87
15-15-101-020	Gerald Musgrave 5667 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 20	493,101.00	Occupied	10,775.87
15-15-101-021	Robert A. & Lois J. Grimm 5641 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 21	257,046.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
 NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-022	Matthew J. Helms 5621 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 22	\$ 318,943.00	Occupied	\$ 10,775.87
15-15-101-023	Carl J. & Denice J. Franz 5595 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 23	361,039.00	Occupied	10,775.87
15-15-101-024	Glen Gerald Wisner 5567 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 24	274,629.00	Occupied	10,775.87
15-15-101-025	Phillip & Xiaoyan Szornyi 5543 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 25	363,460.00	Occupied	10,775.87
15-15-101-026	Mark & Jackie Jemson 5517 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 26	228,671.00	Occupied	10,775.87
15-15-101-027	Doug Karaska & Erin Endres 5491 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 27	294,188.00	Occupied	10,775.87
15-15-101-028	Sharon Pernia 5463 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 28	261,615.00	Occupied	10,775.87
15-15-101-029	Adam Leibinger & Elizabeth Austin 5435 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 29	217,495.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-030	Nathan J. Roller 5407 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 30	\$ 276,814.00	Occupied	\$ 10,775.87
15-15-101-031	Danny G. & Ann L. Langford 5353 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 31	335,688.00	Occupied	10,775.87
15-15-101-032	Frank J. & Sally A. Urbaniak 5325 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 32	225,897.00	Occupied	10,775.87
15-15-101-033	James & Lavola Cecora 5297 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 33	323,287.00	Occupied	10,775.87
15-15-101-034	Theodore R. Watson, Jr. 7438 Oak Shore Dr. Portage, MI 49024	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 34	519,595.00	Occupied	10,775.87
15-15-101-035	Shaun D. Tuttle 5237 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 35	246,400.00	Occupied	10,775.87
15-15-101-036	James Sternburg & Angel Hellis 5211 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 36	407,385.00	Occupied	10,775.87
15-15-101-037	Jeffrey & Stephanie Sterling 5181 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 37	297,421.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
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Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-038	Timothy M. Mahon 5157 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 38	\$ 383,815.00	Occupied	\$ 10,775.87
15-15-101-039	Nathan D. & Sarah J. Emery 5131 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 39	338,441.00	Occupied	10,775.87
15-15-101-040	Joseph & Suzanne Bergum 5101 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 40	379,092.00	Occupied	10,775.87
15-15-101-041	Robert Yunker & Sarah Roessler 5128 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 41	314,688.00	Occupied	10,775.87
15-15-101-042	Thomas G. & Laura A. Smiley 5156 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 42	279,031.00	Occupied	10,775.87
15-15-101-043	Kenneth L. & Susan M. Aris 5188 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 43	348,789.00	Occupied	10,775.87
15-15-101-044	Steven M. & Angela L. Harris 5226 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 44	269,672.00	Occupied	10,775.87
15-15-101-045	Stuart & Tracy Martin 5254 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 45	234,599.00	Occupied	10,775.87

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ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
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Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-046	Rolland Spring 5282 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 46	\$ 356,252.00	Occupied	\$ 10,775.87
15-15-101-047	Douglas & Constance Rickelmann 5314 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 47	277,975.00	Occupied	10,775.87
15-15-101-048	Traiforos Family Trust 5360 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 48	305,064.00	Occupied	10,775.87
15-15-101-049	Carol Rozek & Laura Rozek 5416 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 49	348,739.00	Occupied	10,775.87
15-15-101-050	Donald S. & Julie C. Britt 5432 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 50	341,061.00	Occupied	10,775.87
15-15-101-051	Jacob B. & Shannon M. Jurden 5448 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 51	269,386.00	Occupied	10,775.87
15-15-101-052	Frank C. & Laura J. Clark 5464 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 52	383,302.00	Occupied	10,775.87
15-15-101-053	Kenneth & Lynn Brandt 5480 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 53	368,396.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
 NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-054	Gregory R. & Roberta A. Denoyer 5496 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 54	\$ 285,712.00	Occupied	\$ 10,775.87
15-15-101-055	Margherita G. Marini 5512 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 55	312,124.00	Occupied	10,775.87
15-15-101-056	Delores Sattler & John Sattler 5528 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 56	393,457.00	Occupied	10,775.87
15-15-101-057	Janet Certo & Jamie & Mary S. Certo 5544 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 57	371,287.00	Occupied	10,775.87
15-15-101-058	James & Jodi Knight 5548 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 58	323,808.00	Occupied	10,775.87
15-15-101-059	Gary & Marilyn Holman 8422 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 59	252,146.00	Occupied	10,775.87
15-15-101-060	Timothy & Pamela Mann 8444 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 60	271,660.00	Occupied	10,775.87
15-15-101-061	Robert L. Peloquin Trust 8466 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 61	280,561.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
 NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-062	Robert L. Peloquin Trust 8466 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 62	\$ 50,000.00	Vacant	\$ 10,775.87
15-15-101-063	Stephen & Janet Clapp 8498 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 63	230,564.00	Occupied	10,775.87
15-15-101-064	Michael & Janet McGivney Trust 5345 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 64	241,869.00	Occupied	10,775.87
15-15-101-065	Paul Osburn 5323 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 65	320,440.00	Occupied	10,775.87
15-15-101-066	Erich J. & Dawn L. Vorenkamp 5301 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 66	404,351.00	Occupied	10,775.87
15-15-101-067	David J. & Heather A. Reed 5318 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 67	288,806.00	Occupied	10,775.87
15-15-101-068	Michael D. Chouinard 5344 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 68	271,310.00	Occupied	10,775.87
15-15-101-069	Adam Ungelbach 5366 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 69	286,531.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
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Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-070	Derek R. & Diana L. French 5390 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 70	\$ 298,469.00	Occupied	\$ 10,775.87
15-15-101-071	David A. & Pamellia A. Smith 5402 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 71	255,917.00	Occupied	10,775.87
15-15-101-072	Cyril & Linda G. Nichols 5424 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 72	281,653.00	Occupied	10,775.87
15-15-101-073	Lon D. & Sharon L. Maus 5450 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 73	252,060.00	Occupied	10,775.87
15-15-101-074	Christopher & Margaret Billel 5474 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 74	300,438.00	Occupied	10,775.87
15-15-101-075	Timothy & Janice Richards 5500 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 75	338,570.00	Occupied	10,775.87
15-15-101-076	Margaret Moore 5524 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 76	318,390.00	Occupied	10,775.87
15-15-101-077	James & Mark Katakowski 5550 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 77	330,702.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
 NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-078	Chris & Linda Dondzila 5549 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 78	\$ 312,454.00	Occupied	\$ 10,775.87
15-15-101-079	Robert & Jane Murdock 5511 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 79	411,994.00	Occupied	10,775.87
15-15-101-080	Dorothy Babas & Ellen Babas 5471 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 80	300,958.00	Occupied	10,775.87
15-15-101-081	Catherine Jones 5427 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 81	286,083.00	Occupied	10,775.87
15-15-101-082	Michael & Kyle Gairdner 5401 Arapaho Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 82	287,230.00	Occupied	10,775.87
15-15-101-083	Clarold Britton 8463 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 83	329,702.00	Occupied	10,775.87
15-15-101-084	Keith & Sharon Guastella 8441 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 84	279,365.00	Occupied	10,775.87
15-15-101-085	Richard W. Everett 8423 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 85	310,790.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
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Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-086	James M. Allen 8415 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 86	\$ 306,907.00	Occupied	\$ 10,775.87
15-15-101-087	Michael & Amanda Mortensen 8401 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 87	256,391.00	Occupied	10,775.87
15-15-101-088	Everett & Laurie Livingston 5640 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 88	447,004.00	Occupied	10,775.87
15-15-101-089	Ronald Upton Trust 5660 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 89	403,471.00	Occupied	10,775.87
15-15-101-090	Margaret Demare 8426 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 90	275,659.00	Occupied	10,775.87
15-15-101-091	Jason & Maria Davenport 8442 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 91	288,445.00	Occupied	10,775.87
15-15-101-092	Donald Hoaglund & Nancy Neill 8468 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 92	327,473.00	Occupied	10,775.87
15-15-101-093	James E. & Carol L. Cosman 5661 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 93	299,192.00	Occupied	10,775.87
15-15-101-094	Stephen S. & Mona A. Bossard 8256 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 94	264,628.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
 NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-095	Brendan G. & Molly K.H. Finnerty 8240 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 95	\$ 355,606.00	Occupied	\$ 10,775.87
15-15-101-096	David & Christine Northmore 8224 Kiowa Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 96	321,265.00	Occupied	10,775.87
15-15-101-097	Celso P. & Nancy G. Malang 5670 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 97	356,203.00	Occupied	10,775.87
15-15-101-098	Scott & Laurie Lunn 5636 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 98	293,539.00	Occupied	10,775.87
15-15-101-099	James F. & Terryl L. Kobe 5620 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 99	261,071.00	Occupied	10,775.87
15-15-101-100	Brock L. Parker 5600 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 100	347,233.00	Occupied	10,775.87
15-15-101-101	Michael V. & Machaelene Farrell 8225 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 101	321,419.00	Occupied	10,775.87
15-15-101-102	Ken & April Gardner 8247 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 102	323,750.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
 NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-103	Yvette Vandersluis Living Trust 5595 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 103	\$ 428,209.00	Occupied	\$ 10,775.87
15-15-101-104	Robert & Theresa Janik 5629 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 104	389,905.00	Occupied	10,775.87
15-15-101-105	Kathleen & Douglas Morningstar 5641 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 105	314,960.00	Occupied	10,775.87
15-15-101-106	Blake Gerald Stamper 5651 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 106	294,881.00	Occupied	10,775.87
15-15-101-107	Gary J. & Andrea Stepien 8290 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 107	451,368.00	Occupied	10,775.87
15-15-101-111	James M. & Jacqueline K. Hagar 5415 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 111	350,255.00	Occupied	10,775.87
15-15-101-112	Colleen Smith & Daniel Anderson 5427 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 112	318,714.00	Occupied	10,775.87
15-15-101-113	Lorra Fitzpatrick 5445 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 113	400,864.00	Occupied	10,775.87

HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
 PROPOSED SPECIAL ASSESSMENT ROLL
NOVEMBER 19, 2019

Tax I.D. #	Property Owner Name & Address	Legal Description	True Cash Value	Vacant/Occupied	Assessment
15-15-101-114	Dynetta F. & Llyod T, Jr. Flowers 5491 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 114	\$ 511,807.00	Occupied	\$ 10,775.87
15-15-101-115	David M. Denkhaus 8163 Grand River Rd., Suite 500 Brighton, MI 48114	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 115	346,361.00	Occupied	10,775.87
15-15-101-116	Gary W. Good 5541 Shoshoni Pass Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 116	270,670.00	Occupied	10,775.87
15-15-101-118	Granville A. & Nia L. Noles 8244 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 108 ALSO THE SLY 10 FT LOT 109.	330,548.00	Occupied	10,775.87
15-15-101-119	Arley E. & Virginia L. Downer 8222 Pawnee Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 109 EXC THE SLY 10 FT THEREOF ALSO THE SLY 10 FT OF LOT 110.	286,017.00	Occupied	10,775.87
15-15-101-120	Robert & Victoria Lyscas 5500 Navajo Trail Pinckney, MI 48169	SEC 15 T1N R5E ARROWHEAD SUBDIVISION LOT 110 EXC THE SLY 10 FT THEREOF SPLIT FROM 110.	332,208.00	Occupied	10,775.87

Total Project Assessments: \$ 1,250,000.00

TOTAL ESTIMATED PROJECT COST: \$ 1,250,000.00

Resolution #3 – Arrowhead Subdivision Road Improvement Project

TOWNSHIP OF HAMBURG

At a regular meeting of the Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) held at the Hamburg Township Hall Meeting Room on Tuesday, November 19th, 2019, beginning at 7:00 p.m. Eastern Time, there were:

PRESENT: _____

ABSENT: _____

The following preamble and resolution were offered by _____ and seconded by _____.

RESOLUTION APPROVING PETITIONS, PROJECT, COST ESTIMATES, SPECIAL ASSESSMENT DISTRICT AND CAUSING THE SPECIAL ASSESSMENT ROLL TO BE PREPARED

WHEREAS, the Township Board of Trustees (the “Township Board”) has received petitions from property owners in the Township (the “Petitions”) for certain road improvements to be made along Navajo Trail, Pawnee Trail, Kiowa Trail, Shoshoni Pass and Arapaho Pass within the Arrowhead Subdivision located in the Township;

WHEREAS, the Township Board has determined to proceed with the Arrowhead Subdivision road improvements as described in Exhibit A (the “Project”);

WHEREAS, preliminary plans and cost estimates for the Project have been filed with the Township Clerk;

WHEREAS, the Township Board has tentatively determined to finance the cost of the Project by issuing bonds (the “Bonds”), in accordance with Act No. 188, Michigan Public Acts of 1954, as amended (“Act 188”);

WHEREAS, the Township Board has tentatively determined to use Special Assessments levied under Act 188 to raise the funds to pay the Township’s obligations on the Bonds;

WHEREAS, the Township Board held a public hearing on the Project, the Petitions that have been submitted to the Township Board requesting the Project, and the proposed special assessment district (the “Special Assessment District”) for the Project on November 19, 2019;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. In accordance with Act 188, and the laws of the State of Michigan, the Township Board approves the completion of the Project and the Township Board approves the plans and cost estimates for the Project, which are on file with the Township Clerk and which are identified as "Plans and Cost Estimates for the "Arrowhead Subdivision Road Improvement Project".

2. The Township Board determines that the petitions for the Project submitted to the Township Board were sufficient to satisfy the requirements under Act 188 for initiating an improvement project.

3. The Township Board determines that the Special Assessment District for the Project shall consist of those properties that are described in Exhibit B. The term of the special assessment district shall be through 2030, or such shorter period of time as may be determined by the Township Board prior to the issuance of the Bonds.

4. After construction costs for the Project are determined, the Township Supervisor is directed to prepare the Special Assessment Roll for the Special Assessment District as identified in Exhibit B. The Special Assessment Roll shall describe all the parcels of land to be assessed with the names of the respective record owners of each parcel, if known, and the total amount to be assessed against each parcel of land. When the Township Supervisor completes the Special Assessment Roll, he shall affix his certificate to the roll, which certificate shall be substantially in the in the form of Exhibit C to this resolution.

A vote on the foregoing resolution was taken and was as follows:

YES: _____

NO: _____

ABSENT: _____

Resolution declared _____.

CLERK'S CERTIFICATE

The undersigned, being the Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board on November 19, 2019, at which meeting a quorum was present and remained throughout, (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1967, as amended) and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Michael Dolan
Hamburg Township Clerk

EXHIBIT A

Description of the Project

The project will consist of milling out approximately three-inches (3.0”) of existing asphalt pavement and repair of transverse cracks. Once the road is re-graded, Contractor shall place two (2) lifts of new hot mix asphalt with as asphalt wing curb and turf restoration to convey road runoff to the existing catch basins or spillways, altogether with the necessary related work. The street rehabilitation shall serve the properties in the Navajo Trail, Pawnee Trail, Kiowa Trail, Shoshoni Pass and Arapaho Pass area of the Township that are within the boundaries indicated on the attached map, along with all necessary construction, drainage and restoration for such project.

Arrowhead Subdivision Road Improvement Project
Hamburg Township, Livingston County, Michigan

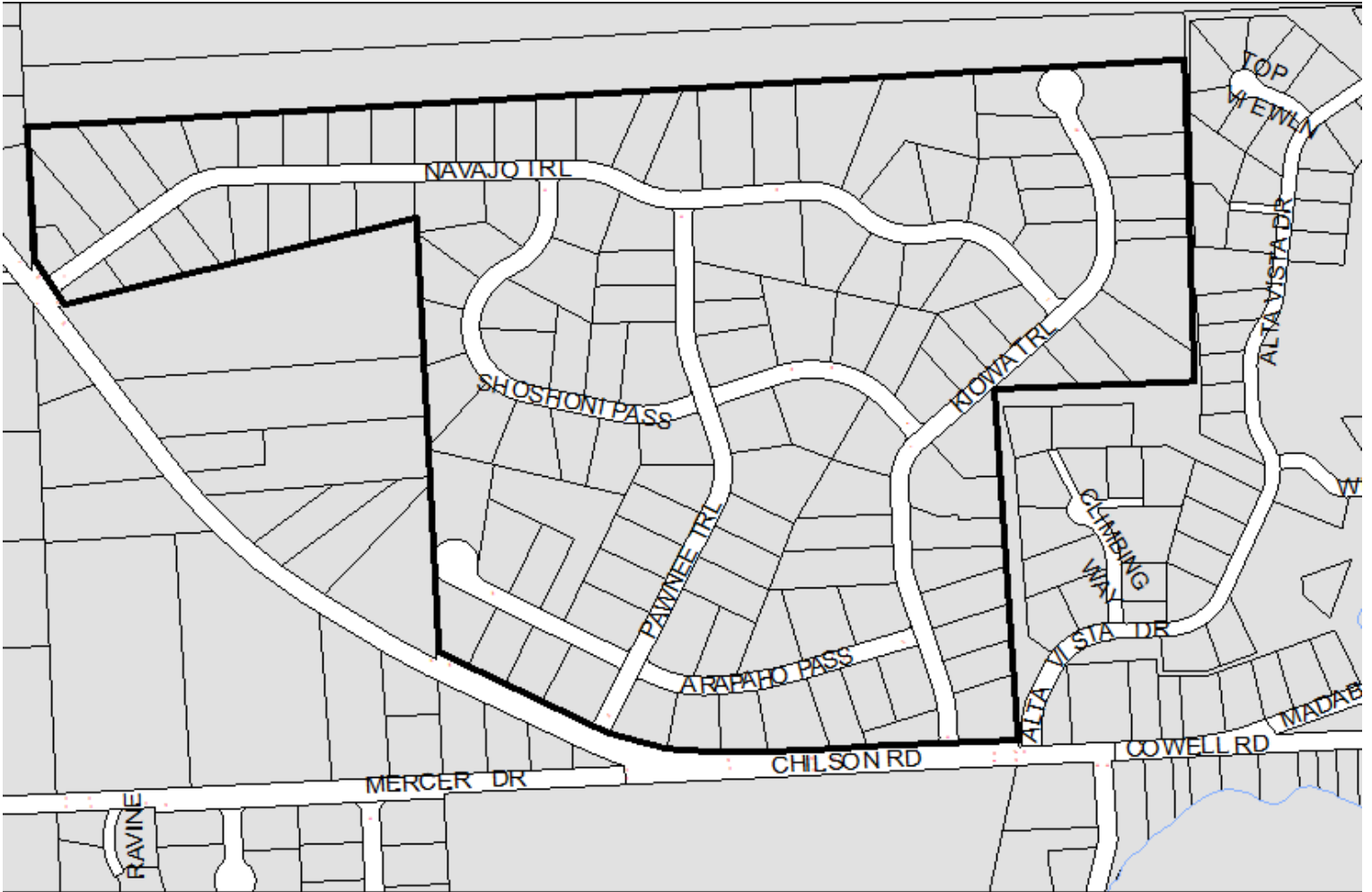


Exhibit "B"

**HAMBURG TOWNSHIP
ARROWHEAD SUBDIVISON ROAD IMPROVEMENT PROJECT**

(1) The Hamburg Township Arrowhead Subdivision Road Improvement Project Special Assessment District (the "Special Assessment District") has been formed to specially assess the lands which are benefitted from the Project described in Exhibit A.

(2) The proposed Special Assessment District, within which the cost of the Project will be assessed, consists of the properties identified by the following permanent lot and parcel numbers.

15-15-101-001	15-15-101-002	15-15-101-003	15-15-101-004
15-15-101-005	15-15-101-006	15-15-101-007	15-15-101-008
15-15-101-009	15-15-101-010	15-15-101-011	15-15-101-012
15-15-101-013	15-15-101-014	15-15-101-015	15-15-101-016
15-15-101-017	15-15-101-018	15-15-101-019	15-15-101-020
15-15-101-021	15-15-101-022	15-15-101-023	15-15-101-024
15-15-101-025	15-15-101-026	15-15-101-027	15-15-101-028
15-15-101-029	15-15-101-030	15-15-101-031	15-15-101-032
15-15-101-033	15-15-101-034	15-15-101-035	15-15-101-036
15-15-101-037	15-15-101-038	15-15-101-039	15-15-101-040
15-15-101-041	15-15-101-042	15-15-101-043	15-15-101-044
15-15-101-045	15-15-101-046	15-15-101-047	15-15-101-048
15-15-101-049	15-15-101-050	15-15-101-051	15-15-101-052
15-15-101-053	15-15-101-054	15-15-101-055	15-15-101-056
15-15-101-057	15-15-101-058	15-15-101-059	15-15-101-060
15-15-101-061	15-15-101-062	15-15-101-063	15-15-101-064
15-15-101-065	15-15-101-066	15-15-101-067	15-15-101-068
15-15-101-069	15-15-101-070	15-15-101-071	15-15-101-072
15-15-101-073	15-15-101-074	15-15-101-075	15-15-101-076
15-15-101-077	15-15-101-078	15-15-101-079	15-15-101-080
15-15-101-081	15-15-101-082	15-15-101-083	15-15-101-084
15-15-101-085	15-15-101-086	15-15-101-087	15-15-101-088
15-15-101-089	15-15-101-090	15-15-101-091	15-15-101-092
15-15-101-093	15-15-101-094	15-15-101-095	15-15-101-096
15-15-101-097	15-15-101-098	15-15-101-099	15-15-101-100
15-15-101-101	15-15-101-102	15-15-101-103	15-15-101-104
15-15-101-105	15-15-101-106	15-15-101-107	15-15-101-111
15-15-101-112	15-15-101-113	15-15-101-114	15-15-101-115
15-15-101-116	15-15-101-118	15-15-101-119	15-15-101-120

Exhibit “C”

CERTIFICATE

I, the undersigned, Supervisor of Hamburg Township, Livingston County, Michigan (the “Township”), acting pursuant to a resolution duly adopted by the Board of the Township on November 19th, 2019 (the “Resolution”) certify that (1) the attached special assessment roll for the Hamburg Township Arrowhead Subdivision Road Improvement Project Special Assessment District, to which this Certificate is affixed, was made pursuant to the Resolution and (2) in making such roll, I have, according to my best judgment, conformed in all respects to the directions contained in the Resolution and the statutes of the State of Michigan, including Act No. 188, Public Acts of Michigan, 1954, as amended.

Dated: _____

Patrick J. Hohl
Hamburg Township Supervisor

Resolution #4 – Arrowhead Subdivision Road Improvement Project

TOWNSHIP OF HAMBURG

At a regular meeting of the Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) held at the Hamburg Township Hall Meeting Room on Tuesday, November 19th, 2019, beginning at 7:00 p.m. Eastern Time, there were:

PRESENT: _____

ABSENT: _____

The following preamble and resolution were offered by _____ and seconded by _____.

**RESOLUTION ACKNOWLEDGING THE FILING OF THE
ARROWHEAD SUBDIVISION SPECIAL ASSESSMENT ROLL,
SCHEDULING A HEARING
AND DIRECTING THE ISSUANCE OF THE STATUTORY NOTICES**

WHEREAS, the Board of Trustees (the “Township Board”) has determined that it is desirable and necessary to construct certain road improvements within the Township as described in Exhibit A (the “Project”);

WHEREAS, the Township Board has determined to proceed with the Project;

WHEREAS, the Township Board has tentatively determined to finance the cost of the Project by issuing bonds (the “Bonds”) to finance the cost of the Project, in accordance with Act No. 188, Michigan Public Acts of 1954, as amended (“Act 188”);

WHEREAS, the Township Board has tentatively determined to use Special Assessments levied under Act 188 to raise the funds to pay the Township’s obligations on the Bonds;

WHEREAS, the plans and cost estimates for the Project have been filed with the Township Clerk;

WHEREAS, the Township Supervisor has prepared the proposed Special Assessment Roll entitled “The Proposed Special Assessment Roll for the Hamburg Township Arrowhead Subdivision Road Improvement Project” (the “Proposed Roll”) and has filed the Proposed Roll with the Township Clerk;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Township Board acknowledges that the Township Supervisor has filed the Proposed Roll with the Township Clerk.

2. The Township Board acknowledges that the Supervisor has certified that (a) the Proposed Roll was prepared in accordance with the Township Board's direction and (b) the Proposed Roll was prepared in accordance with the laws of the State of Michigan.

3. In accordance with Act 188, Michigan Public Acts of 1954, as amended, and the laws of the State of Michigan, there shall be a public hearing on the Proposed Roll.

4. The public hearing will be held on Tuesday, December 17, 2019 at 6:30 p.m. at the Township Hall of Hamburg Township, Livingston County, Michigan, or at such other place as the Township Clerk may designate, provided sufficient notice is given of such alternate location as required by law.

5. The Township Clerk is directed to mail, by first class mail, a notice of the public hearing to each owner of or party in interest in property to be assessed, whose name appears upon the last Township tax assessment records. The last Township tax assessment records means the last assessment roll for ad valorem tax purposes which has been reviewed by the Township Board of Review, as supplemented by any subsequent changes in the names or addresses of such owners or parties listed thereon. The notice to be mailed by the Township Clerk shall be similar to the notice attached as Exhibit B and shall be mailed by first class mail on or before December 4, 2019. Following the mailing of the notices, the Township Clerk shall complete an affidavit of mailing similar to the affidavit set forth in Exhibit C.

6. The Township Clerk is directed to publish a notice of the public hearing in the Livingston County Press & Argus a newspaper of general circulation within the Township. The notice shall be published twice, once on or before December 4, 2019, and once on or before December 11, 2019. The notice shall be in form substantially similar to the notice attached in Exhibit B.

A vote on the foregoing resolution was taken and was as follows:

YES: _____

NO: _____

ABSTAIN: _____

Resolution declared _____.

CLERK'S CERTIFICATE

The undersigned, being the Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board on November 19, 2019, at which meeting a quorum was present and remained throughout, (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1967, as amended) and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Michael Dolan
Hamburg Township Clerk

EXHIBIT “A”

DESCRIPTION OF PROJECT

The project will consist of milling out approximately three-inches (3.0”) of existing asphalt pavement and repair of transverse cracks. Once the road is re-graded, Contractor shall place two (2) lifts of new hot mix asphalt with as asphalt wing curb and turf restoration to convey road runoff to the existing catch basins or spillways, altogether with the necessary related work. The street rehabilitation shall serve the properties in the Navajo Trail, Pawnee Trail, Kiowa Trail, Shoshoni Pass and Arapaho Pass area of the Township that are within the boundaries indicated on the attached map, along with all necessary construction, drainage and restoration for such project.

Arrowhead Subdivision Road Improvement Project
Hamburg Township, Livingston County, Michigan

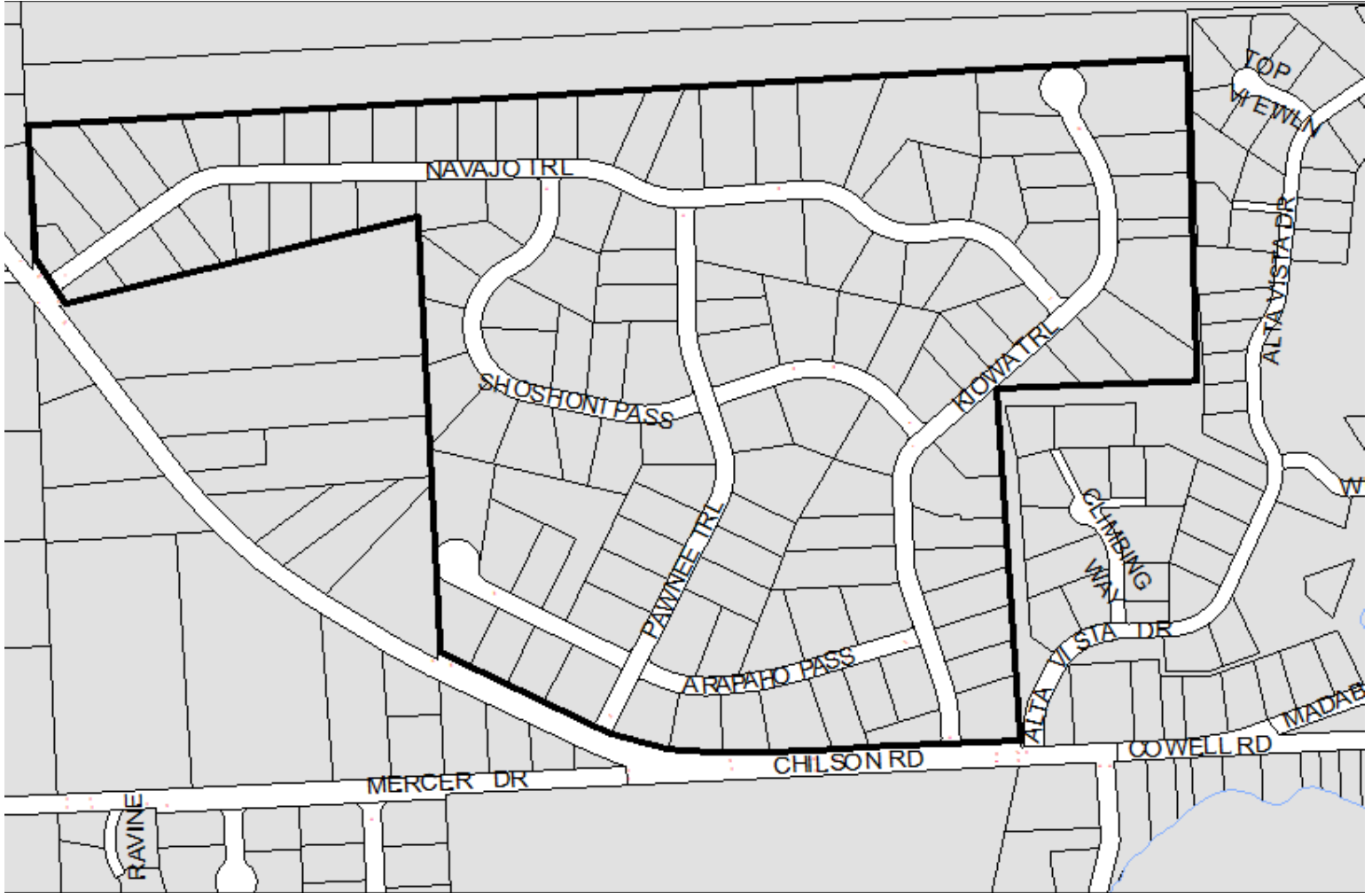


EXHIBIT “B”

FORM OF NOTICE OF PUBLIC HEARING

Hamburg Township
Livingston County, Michigan

**NOTICE OF PUBLIC HEARING
UPON SPECIAL ASSESSMENT ROLL FOR THE
ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT
SPECIAL ASSESSMENT DISTRICT**

NOTICE IS HEREBY GIVEN:

(1) The Township Board of the Township of Hamburg, Livingston County, Michigan (the “Township”) has determined to levy special assessments against lands in the ARROWHEAD SUBDIVISION ROAD IMPROVEMENT PROJECT SPECIAL ASSESSMENT DISTRICT (the “District”) that will be benefited by the construction of road improvements in the District. The District consists of the lands identified in the map attached to this notice and is more specifically identified by the following permanent parcel numbers:

15-15-101-001	15-15-101-002	15-15-101-003	15-15-101-004
15-15-101-005	15-15-101-006	15-15-101-007	15-15-101-008
15-15-101-009	15-15-101-010	15-15-101-011	15-15-101-012
15-15-101-013	15-15-101-014	15-15-101-015	15-15-101-016
15-15-101-017	15-15-101-018	15-15-101-019	15-15-101-020
15-15-101-021	15-15-101-022	15-15-101-023	15-15-101-024
15-15-101-025	15-15-101-026	15-15-101-027	15-15-101-028
15-15-101-029	15-15-101-030	15-15-101-031	15-15-101-032
15-15-101-033	15-15-101-034	15-15-101-035	15-15-101-036
15-15-101-037	15-15-101-038	15-15-101-039	15-15-101-040
15-15-101-041	15-15-101-042	15-15-101-043	15-15-101-044
15-15-101-045	15-15-101-046	15-15-101-047	15-15-101-048
15-15-101-049	15-15-101-050	15-15-101-051	15-15-101-052
15-15-101-053	15-15-101-054	15-15-101-055	15-15-101-056
15-15-101-057	15-15-101-058	15-15-101-059	15-15-101-060
15-15-101-061	15-15-101-062	15-15-101-063	15-15-101-064
15-15-101-065	15-15-101-066	15-15-101-067	15-15-101-068
15-15-101-069	15-15-101-070	15-15-101-071	15-15-101-072
15-15-101-073	15-15-101-074	15-15-101-075	15-15-101-076
15-15-101-077	15-15-101-078	15-15-101-079	15-15-101-080
15-15-101-081	15-15-101-082	15-15-101-083	15-15-101-084
15-15-101-085	15-15-101-086	15-15-101-087	15-15-101-088

15-15-101-089	15-15-101-090	15-15-101-091	15-15-101-092
15-15-101-093	15-15-101-094	15-15-101-095	15-15-101-096
15-15-101-097	15-15-101-098	15-15-101-099	15-15-101-100
15-15-101-101	15-15-101-102	15-15-101-103	15-15-101-104
15-15-101-105	15-15-101-106	15-15-101-107	15-15-101-111
15-15-101-112	15-15-101-113	15-15-101-114	15-15-101-115
15-15-101-116	15-15-101-118	15-15-101-119	15-15-101-120

(2) The proposed special assessment roll for the District (the “Roll) has been prepared and is now on file in the office of the Township Clerk and is available at such office for public examination during the hours the Township Hall is regularly open to the public for business.

(3) The Township Board will conduct a public hearing beginning at 6:30 p.m., local time on Tuesday, December 17, 2019, at the Hamburg Township Hall, 10405 Merrill Road, Hamburg, Michigan to explain and answer questions pertaining to the Roll and to hear objections to the Roll. Any person objecting to the Roll must file his or her objections in writing before the close of the public hearing or within such additional time (if any) as the Township Board may grant.

(4) The owner or other person having an interest in property that is specially assessed is entitled to file a written appeal with the Michigan Tax Tribunal within 30 days after confirmation of the Roll. However, appearance and protest at the public hearing are required by law in order to appeal the special assessment to the Michigan Tax Tribunal. An owner or other party in interest or his or her agent may (1) appear and protest in person at the hearing or (2) file an appearance and protest by letter before the close of the hearing.

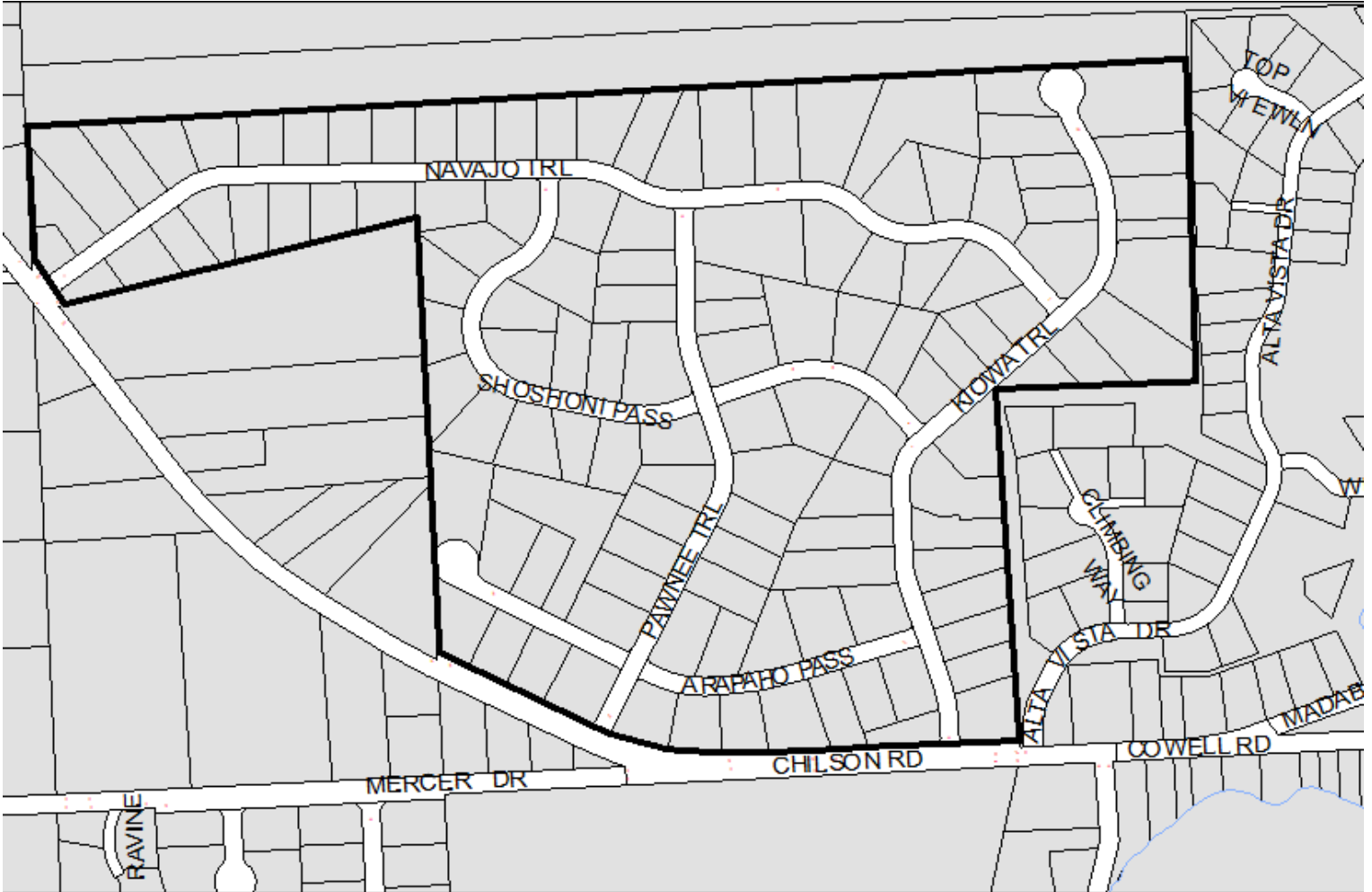
The Township Board will maintain a record of the persons who appear and protest at the hearing. If the hearing is terminated or adjourned for the day before a party is provided the opportunity to be heard, a party whose appearance was so recorded shall be considered to have protested the special assessment in person.

This notice is given by order of the Hamburg Township Board.

Dated: _____

Michael Dolan
Hamburg Township Clerk
10405 Merrill Rd. P.O. Box 157
Hamburg, MI 48139

Arrowhead Subdivision Road Improvement Project
Hamburg Township, Livingston County, Michigan



Arrowhead Subdivision Road Improvement Project

EXHIBIT "C"

AFFIDAVIT OF MAILING

STATE OF MICHIGAN)
)ss
COUNTY OF LIVINGSTON)

MICHAEL DOLAN, being first duly sworn, deposes, and says that he personally prepared for mailing, and did on December 4, 2019, send by first-class mail, the notice of hearing, a true copy of which is attached hereto, to each record owner of or party in interest in all property to be assessed for the improvement described therein, as shown on the last local tax assessment records of the Township of Hamburg; that he personally compared the address on each envelope against the list of property owners as shown on the current tax assessment rolls of the Township; that each envelope contained therein such notice and was securely sealed with postage fully prepaid for first-class mail delivery and plainly addressed; and that he personally placed all of such envelopes in a United States Post Office receptacle on the above date.

Michael Dolan
Hamburg Township Clerk

Subscribed and sworn to before me
this ____ day of _____, 2019.

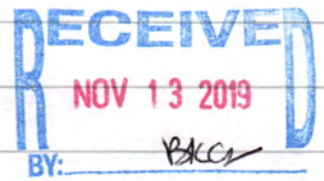
_____, Notary Public
Livingston County, MI
My commission expires:

Mrs & Mrs Lloyd T. Flowers

11/8/19

To Whom It May Concern:
5491 Shoshoni Pass, Pinckney MI 48169
We would like to be removed from the
project. We are now a (1) income family
due to my ~~partner~~ disability and we
cannot afford any extra expenses.

Niyetta Flowers



Parcel # 15-15-101-114

* Did not sign petition. BAKC

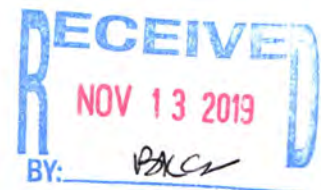
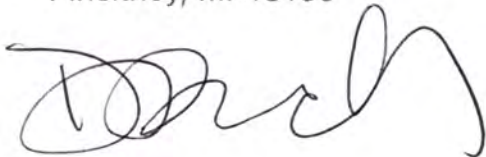
TO: HAMBURG TOWNSHIP
Patrick Hohl Township Supervisor

Arrowhead Subdivision road improvement special assessment district

Parcel 4715-15-101-070

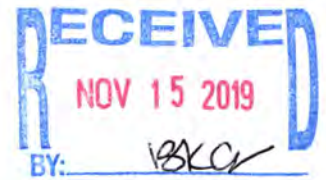
Derek and Diana French owners of said property DO NOT support this project, we DID NOT sign a petition.

Thank you
Derek and Diana French
5390 Arapaho Pass
Pinckney, MI 48169



Parcel #15-15-101-070
*Did not sign petition. BACZ

Hamburg Township
P.O. Box 157
Hamburg, MI 48139



Attention: Utilities Coordinator, Brittany K. Campbell; Township Clerk, Michael Dolan; and Township Supervisor, Patrick J. Hohl

November 14th, 2019

Dear, Utilities Coordinator, Brittany K. Campbell; Township Clerk, Michael Dolan; and Township Supervisor, Patrick J. Hohl,

We do not support the Arrowhead Subdivision – Road Improvement Special Assessment District (SAD) project. We would like Hamburg Township, Livingston County, Michigan to at our request **rescind our signitures** (Michael Alan Hays and Margherita G. Marini/Hays, **Parcel: 15-15-101-055**, 5512 Shoshoni Pass, Pinckney, MI 48169) from the petition by the first public hearing on November 19, 2019. And we do not from our position authorize Hamburg Township, Livingston County, Michigan to move forward with this project, regardless of the majority vote or lack there of.

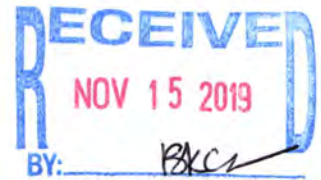
As you well know, there are many alternatives to the “proposed solution” that have not been clearly thought through, considered or argued and could benefit the community further, if this money was put to better use. We believe that this is a neighborhood issue that should be solved without Township/County involvement. The problem is that the many “empty nesters” in our neighborhood are panicking at the desire to just frivolously jump into a quick fix, which is driving this “push” that the Township/County is currently saying is “a one time offer” **presently being recommended**. Honestly, not everyone is (or has the desire at this time) capable to come up with an additional \$1,000 - \$1,500 annually for ten years and that seems to be one of the very inconsiderate parts of this “argument for the (SAD) project” we do not agree with it. Please do not go forward with your push, it is a “quick fix” which is not the correct solution! Simply stated: “if the roads in Arrowhead Subdivision were dirt or gravel, we'd be good with it!!”

Thank you for your time and consideration,
Sincerely,
Michael Alan Hays and Margherita G. Marini

Parcel # 15-15-101-055

* Propertyowner did not sign
Petition.

BKC



Parcel #15-15-101-118

* Property owners did not sign petition. BKC

November 11, 2019

Hamburg Township . PO Box 157. Hamburg, MI 48139

Dear Ms. Campbell,

We are writing to have our names and support removed from any petition that may currently contain our names and/or signatures (which we did NOT ever sign or agree to) in regards to the Arrowhead Subdivision Road Improvement Special Assessment District.

Perhaps you are not the correct person to relay our concerns to, but in case you are....

First, the fact that this work has not even been bid out to find the most economical solution is appalling. Why are we to just accept the cost given to us by the county and make the payment? This makes no sense. The road repairs in the state of MI are awarded to the lowest bidder through MDOT. Why does the Livingston County Road Commission make the assessment (and consequently the work) and we have no cost comparisons? Our subdivision was originally paved back in the mid 70's... and not since then. Where has all our tax money we have paid during this time gone... almost 40 years...times 116 residents? Certainly not to making substantial improvements to our subdivision roads.

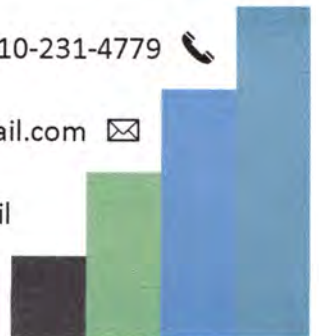
We do not agree that paying additional monies, equaling approximately \$1300 per year (or more, when interest is factored), at \$110+ per month, for THE NEXT 10 YEARS towards something that the township, county and state should be and should have been taking care of through taxes already paid and received.

810-231-4779

Nia.noles@gmail.com

8244 Pawnee Trail

Pinckney . MI 48169



This is also not a fair debt imposed on us when I'm guessing possibly 50% or more of the residents don't agree to this assessment. But if this is passed by whatever margin the township requires, those of us who don't agree will still be forced to make these payments. It would only be a fair charge if every resident agrees to this assessment, in our opinion. For some of us, \$100 per month (or an additional \$1300 at tax time) is an increase in our monthly finances that we may have a problem with. And is this additional money tax deductible, as our property taxes would be, or is it just a cost we need to absorb?


Some neighbors have said that repaving our roads will increase our property value. Will it? Or will it make selling our homes that much more difficult due to the additional taxes due each year?


So, once again, to clarify and confirm, if our names are "illegally" on any petition, since we did not sign, nor agree to sign, please remove us and count us as against the road improvement special assessment being considered for Arrowhead subdivision.

Thank you,




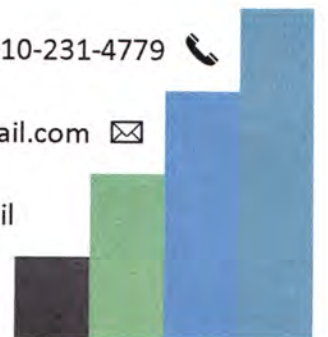
Bo and Nia Noles

810-231-4779 

Nia.noles@gmail.com 

8244 Pawnee Trail

Pinckney . MI 48169 



HAMBURG TOWNSHIP
ORDINANCE NO. ~~69F & 69G~~ 69H

WASTEWATER TREATMENT AND ADMINISTRATION ORDINANCE

Section 1.0. Short Title

This Ordinance shall be known and may be cited as Hamburg Township’s Wastewater Treatment and Administration Ordinance.

Section 2.0. Purpose and Objections; Applicability

- a. This Ordinance sets forth uniform requirements for direct and indirect contributors to the wastewater collection and treatment systems and direct dischargers to waters located in and flowing through the Township and enables the Township to comply with all applicable federal, state, and local laws and regulations relating thereto and to protect the health/welfare and environment of Hamburg Township residents.

- b. The objectives of this Ordinance are:
 1. To prevent the introduction of pollutants into waters located in and flowing through the Township, which would degrade the water quality, surrounding environment and/or use and enjoyment of the natural resources located in Hamburg Township, and to promote the stewardship of their resources.
 2. To prevent the introduction of pollutants into the wastewater system which will interfere with the normal operation of the system or contaminate the resulting municipal sludge.
 3. To prevent the introduction of pollutants into the wastewater system which will not receive adequate treatment in the POTW and which will pass through the wastewater system into receiving waters or the atmosphere or otherwise be incompatible with the wastewater system.
 4. To improve the opportunity to recycle and reclaim wastewater and sludge from the system.

Section 3.0. Definitions and Abbreviations

“Act” or “the Act” means the Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 USC 1251, et seq.

Commented [TR1]: Let’s refer to it by name only

Commented [DH2]: Just checking that you want to reference the number, or just Act by the name...

"Authorized Officer" means the Township Supervisor, the Township Clerk, the Township Treasurer, or the Township Manager.

"Authorized Representative of Industrial User," means any of the following:

1. If the Industrial User is a corporation, a principal executive officer of at least the level of vice-president.
2. If the Industrial User is a partnership or proprietorship, a general partner or proprietor.
3. A duly authorized representative of the individual designated above if such representative is responsible for the overall operation of the facilities from which the direct discharge originates, or for environmental matters of the company. Authorization for this representative must be submitted in writing to the Township by the individual designating the representative.

"Biochemical Oxygen Demand ("BOD")" means the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 degrees Celsius, expressed in milligrams per liter.

"Building Drain" means that part of the lowest horizontal piping of a drainage system of a building that receives the sewage discharge inside the walls of a building and conveys it to the building sewer. The building drain shall be deemed to end five (5) feet outside the face of the building wall.

"Building Sewer" means a sewer conveying wastewater from the premises of a user to the Public Sewer.

"Bypass" means the intentional diversion of waste streams from any portion of an industrial user's treatment facility needed for compliance with pretreatment standards.

"Categorical Pretreatment Standard" or "Categorical Standard" means any regulation containing pollutant discharge limits promulgated by the E.P.A. in accordance with sections 307(b) and (c) of the Clean Water Act, 33 U.S.C. §1317, which apply to a specific category of nonresidential users, and which appear in 40 C.F.R. chapter I, subchapter N (1990), parts 405-471.

Commented [DH3]: Suggest confirming reference numbers are still correct, or reference by title.

"Cesspool" means an underground pit into which household sewage or other untreated wastewater is discharged and from which the liquid seeps into the surrounding soil or is otherwise removed.

"Chemical Oxygen Demand ("COD")" means a measure of oxygen-consuming capacity of inorganic and organic matter present in water or wastewater. It is expressed as the amount

of oxygen consumed from a chemical oxidant in a specified test. It does not differentiate between stable and unstable organic matter and thus does not necessarily correlate with biochemical oxygen demand. Also known as oxygen consumed (OCR) and dichromate oxygen consumed (DO), respectively.

“Chlorine Demand” means the difference between the amounts of chlorine available at the end of the contact time, expressed in milligrams per liter.

“Combined Sewer” means a sewer receiving both surface runoff (storm water) and sewage or wastewater.

“Commercial User” means any User of the Public Sewer other than a residential user or a person lawfully using a building or structure as a residence.

“Compatible Pollutant” means a substance amenable to treatment in the wastewater treatment plant such as biochemical oxygen demand, suspended solids, pH and fecal coliform bacteria, plus additional pollutants identified in the applicable NPDES permit if the POTW was designed to treat such pollutants to a substantial degree.

“Composite Sample” means a collection of individual samples which are obtained at regular intervals, collected on a time-proportional or flow-proportional basis, over a specific time period and which provides a representative sample of the average stream during the sampling period.

“Connection Fee” means the charge imposed by the Township to grant permission to connect a building sewer, either directly or indirectly, to the Public Sewer. This fee represents the proportional cost attributable to each premise for making the Public Sewer available with sufficient capacity to service said premises.

“Control Manhole” means the structure installed on the building sewer or service connection pipeline to allow access for measurement and sampling of sewage discharging from industrial and commercial establishments.

“Cooling Water” means the water discharged from any use such as air conditioning, cooling or refrigeration or to which the only pollutant added is heat.

“County” means the County of Livingston, Michigan, acting by and through its Drain Commissioner, the designated County Agency under Act 342 of the Public Acts of Michigan of 1939, as amended.

“DEQ” or “MDEQ” means the Michigan Department of Environmental Quality or any successor governmental agency having similar regulatory jurisdiction.

“Direct Connection” means the connection of the building sewer directly to the Public Sewer.

“Direct Discharge” means the discharge of the treated or untreated wastewater directly to waters located in and/or flowing through the Township.

“Discharge” means any direct or indirect discharge of any waste, waste effluent, wastewater, pollutant, or any combination into any of the waters located in and/or flowing through the Township or upon the ground.

“Domestic Sewage” means the liquid wastes from all habitable buildings and residences and shall include human excrement and wastes from sinks, lavatories, bathtubs, showers, laundries and all other water-carried wastes of organic nature either singly or in combination thereof.

“EPA” or “USEPA” means the United States Environmental Protection Agency.

“Food Service Establishment” (“FSE”) means any place where food or beverage is prepared and served or consumed whether fixed or mobile, with or without charge, on or off the premises. FSEs will include, but not be limited to restaurants, hotels, taverns, bars, rest homes, schools, factories, institutions, camps, grocery stores with on-site food preparation, and ice cream parlors. Unless otherwise designated by the Township, the following will not be considered FSEs:

1. Private homes where food is prepared specifically for personal consumption.
2. Location of vending machines; or
3. Temporary food service establishments, which are defined as operating at a fixed location for not more than fourteen (14) consecutive days in conjunction with a single event or celebration.

“Garbage” means the solid waste from the preparation, cooking and dispensing of food and the handling, storage and sale of produce, and, in addition, shall include all paper, plastic, and other household items, including containers, whether or not disposable or biodegradable in nature.

“Grab Sample” means a sample that is taken from a wastewater stream on a one-time basis with no regard to the flow in the wastewater stream and without consideration of time.

“Greasetrap” means a tank of suitable size and materials located in a sewer line and so designed to remove grease and oily wastes from the sewage.

“Grinder Pump System” means the device to which the Building Sewer connects and which grinds and pumps the sewage to the Public Sewer for transportation to the POTW, the publicly owned grinder pump, controls and pressure discharge pipe, including all control boards, controls, floats, pumps, storage tanks and appurtenances thereto which provides the connection between the privately-owned building sewer and the Public Sewer system.

"Health Department" means the Livingston County Health Department.

"Holding Tank Wastewater" means any wastewater from holding tanks such as vessels, chemical toilets, campers, trailers, septic tanks, and vacuum-pump tank trucks.

"Incompatible Pollutants" means any pollutant that is not a compatible pollutant.

"Indirect Connection" means the connection if a building sewer to an extension of the Public Sewer which is installed and paid for by special assessment or private funds, which extension is, after construction, turned over to the Township and becomes part of the Public Sewer (i.e., if a developer constructs sanitary sewers in a plat and connects the sewer line to the Public Sewer, the connection of each lot in the plat would be an Indirect Connection).

"Indirect Discharge" means the discharge or the introduction of the nondomestic pollutants in the POTW regulated under Section 307(b) or (c) of the Act (33 USC 1317) into (including holding tank wastewater discharged into the system).

"Industrial Waste" means any liquid, solid or gaseous waste or form of energy or combination thereof resulting from any process of industry, manufacturing, business, trade or research, including the development, recovery or processing of natural resources.

"Infiltration" shall mean any waters entering the system from the ground, through such means as, but not limited to, defective pipes, pipe joints, connections or manhole walls. Infiltration does not include and is distinguished from inflow.

"Infiltration/Inflow" shall mean the total quantity of water from both infiltration and inflow.

"Inflow" shall mean any waters entering the system through such sources as, but not limited to, building downspouts, footing or yard drains, cooling water discharges, seepage lines from springs and swampy areas and storm drain cross connections.

"Inspection Fee" means the amount charged to each applicant by the Township at the time an application is made to the Township for connection to the Public Sewer, to cover the routine cost of inspecting and approving the physical connection of a building sewer and service connection to the Public Sewer, and the issuance of a connection permit.

"Inspector" means the person responsible for inspecting connections of building sewers and service connection to the Public Sewer as designated by the Township.

"Interference" means the inhibition or a disruption of the POTW treatment processes or operations that contribute to a violation of any requirement of the applicable NPDES Permit or reduces the efficiency of the POTW. The term also includes prevention of sewage sludge use or disposal by the POTW.

“Laboratory Determination” means the measurements, tests and analysis of the characteristics of waters and wastewaters in accordance with the methods contained in the latest edition at the time of any such measurement, test, or analysis of Standard Methods for Examination of Water and Waste Water, a joint publication of the American Public Health Association, the American Waterworks Association and the Water Pollution Control Federation or in accordance with any other method prescribed by the rules and regulations promulgated pursuant to the latest edition.

“Lateral Line” means that portion of the sewer system located under the street or within the street right-of-way from the property line to the trunk line and which collects sewage from a particular property for transfer to the trunk line.

“Major Contributing Industry” means any industrial user of the POTW that:

1. Has a flow of 50,000 gallons or more per average workday;
2. Has a flow greater than three percent of the flow carried by the municipality receiving the wastes;
3. Has in its waste, a toxic pollutant in toxic amounts as defined in the standards under Section 307(a) of the Federal Water Pollution Control Act of 1972; or
4. Is found by the permit issuance authority in connection with the issuance of a NPDES Permit to the POTW receiving the waste, to significantly impact, either singly or in combination with other contributing industries, on that treatment works or upon the quality of effluent from that treatment works. All major contributing industries shall be monitored.

“May” is permissive.

“MDPH” means the Michigan Department of Public Health or any successor governmental agency having similar regulatory jurisdiction.

“MUC” means the Hamburg Township Municipal Utilities Committee.

“National Categorical Pretreatment Standard or Pretreatment Standard” means any federal regulation containing pollutant discharge limits promulgated by the EPA which applies to a specific category of Industrial Users.

“National Pollution Discharge Elimination System (NPDES) Permit” means a permit issued pursuant to Section 402 of the Act (33 U.S.C. 1342).

“National Prohibitive Discharge Standard or Prohibitive Discharge Standard” means any regulation developed under the authority of 307(b) of the Act and 40 CFR, Section 403.5.

“Natural Outlet” means any outlet into a watercourse, pond, ditch, or other body of surface or groundwater.

“New Source” means any source, the construction of which is commenced after the publication of proposed National Categorical Pretreatment Standards which will be applicable to such source, provided that:

- a) Construction is at a site where no other source is located;
- b) Process or production equipment causing discharge is totally replaced due to construction; or
- c) Production or wastewater generating processes of the facility are substantially independent of an existing source at the same site.

Construction is considered to have commenced when installation or assembly of facilities/equipment has begun, significant site preparation has begun for installation or assembly, or the owner/operator has entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. (Construction on a site at which an existing source is located results in a modification, rather than a New Source, if the construction does not create a new building, structure, facility or installation meeting the criteria of items b) or c) above, but otherwise alters, replaces, or adds to existing process or production equipment).

“Normal Domestic Sewage (NDS)” means Wastewater which, when analyzed, shows a daily average concentration of not more than 250 mg/1 of BOD; not more than 250 mg/1 of suspended solids; not more than 6 mg/1 of phosphorus; not more than 35 mg/1 of total Kjeldahl nitrogen.

“Nuisance” means any condition or circumstance defined as a nuisance pursuant to Michigan statute, at common law or in equity jurisprudence or Hamburg Township Ordinances including this Ordinance, as well as, any condition or circumstance where sewage or the effluent from any sewage disposal facility or toilet device is exposed on the surface of the ground or is permitted to drain on or to the surface of the ground, into any ditch, storm sewer, lake or stream, of when the odor, appearance or presence of this material has an obnoxious or detrimental effect on or to the senses and/or health of persons, or when it shall obstruct the comfortable use, enjoyment or sale of adjacent and/or surrounding property.

“Obstruction” means any object of whatever nature that substantially impedes the sewage from the point of origination to the trunk line. This shall include, but not be limited to objects, sewage, tree roots, rocks and debris of any type.

“Operation and Maintenance” means all work, materials, equipment, utilities and other effort required to operate and maintain the wastewater transportation, odor control, and

treatment system consistent with insuring adequate treatment of wastewater to produce an effluent in compliance with the NPDES Permit and other applicable State and Federal regulations, and includes the cost of replacement.

“Owner (or Owners)” means the equitable and/or legal owner of fee simple interest of a freehold estate, or any trustee, personal representative, receiver, firm, corporation or entity legally acting on behalf of the equitable and/or legal owner.

“Pass Through” means a discharge which exits the POTW into waters located in or flowing through Hamburg Township in quantities or concentrations which, alone or in conjunction with discharges from other sources, is a cause of a violation of any requirement of the POTW’s NPDES permit, franchise, or applicable local ordinance, including an increase in the magnitude or duration of a violation.

“Person” means any individual, partnership, copartnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity or any other legal entity, or its legal representatives, agents or assigns. The masculine gender shall include the feminine, the singular shall include the plural where indicated by the context.

“pH” means the logarithm (base 10) of the reciprocal of the concentration of hydrogen ions expressed in grams per liter of solution.

“Pollutant” means any of various chemicals, substances, and refuse materials such as dredged spoil, incinerator residue, solid waste, sewage, garbage, sewage sludge, chemical wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt, and industrial, municipal and agricultural wastes discharged into water.

“Pollution” means the man-made or man-induced alteration of the chemical, physical, biological, or radiological integrity of water.

“POTW Treatment Plant” means that portion of the POTW designed to provide treatment to wastewater.

“Pretreatment or Treatment” means the reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutants, or the alteration of the nature of pollutant properties in wastewater to a less harmful state prior to or in lieu of discharging, or introducing such pollutants into a POTW. The reduction or alteration can be obtained by physical, chemical or biological processes, or process changes and other means, except as prohibited by 40 CFR section 403.6(d).

“Pretreatment Requirements” means any substantive or procedural requirements related to pretreatment, other than a national pretreatment standard imposed on an industrial user.

“Private Sewer” means a sewer that is owned, operated and maintained by or on behalf of one or more individuals for the benefit of the owners.

"Publicly Owned Treatment Works (POTW)" means a treatment works as defined by Section 212 of the Act (33 U.S.C. 1292), which is owned in this instance by a local government. This definition includes any sewers that convey wastewater to the POTW Treatment Plant. For the purposes of this Ordinance, "POTW" shall also include any sewers that convey wastewaters to the POTW from persons outside the applicable local government who are, by contract or agreement with the local government, users of the POTW.

"Public Sewer" means a sewer that is owned and operated by the Township, including all publicly owned service connections, sewers, trunk lines, lift or pumping stations, odor control facilities, waste water treatment plants or facilities, and any and all appurtenances thereto.

"Replacement" means the replacement in whole or in part of any equipment, appurtenances and accessories in the wastewater transportation or treatment systems to insure continuous collection and treatment of wastewater in accordance with NPDES Permit and other applicable State and Federal regulations.

"Residential Equivalent Unit (REU)" means a standard basis of measuring the relative quantity of Sewage, including the benefits derived from the disposal thereof, arising from the occupancy of a freestanding single-family residential dwelling (but such term shall not necessarily be related to actual use arising from any particular dwelling). A listing of the relative relationships between the various Users of the System is hereby determined by the Township as set forth in Appendix 1 Table of Unit Factors of Ordinance 69. The assignment of REU(s) to a particular user shall be determined from time to time by the Township based upon the use to which the User's property is put. The assignment of the REU(s) for any use not enumerated in Appendix 1 Table of Unit Factors shall, in the sole discretion of the Township, be based upon the most similar use enumerated in Appendix 1 Table of Unit Factors as set forth in Ordinance 69. REU(s) shall be defined as one (1) REU is equivalent to One Hundred Fifty (150) gallons per day.

"Sanitary Sewage" means the waste discharged from toilets, urinals, lavatories, sinks, bathtubs, showers, household laundries, cellar and garage floor drains, soda fountains, bars, refrigerator drips, air conditioners, drinking fountains and other domestic or commercial water wastes.

"Sanitary Sewer" means a public or private sewer that carries sewage and into which storm, surface and ground waters are not intentionally admitted.

"Seasonal Recreation Use" ("SRU") means any non-residential building or structure the use of which depends on or is controlled by the season of the year and does not have nor will be authorized by the Township to have cooking facilities for the preparation of food. All applicants seeking SRU designation shall be required to specify the time period(s) of operation. Seasonal use shall not exceed more than three (3) months of operation in any calendar year.

“Seepage Pit” means a cistern or underground enclosure constructed of concrete blocks, bricks or similar material loosely laid with open joints so as to allow the overflow or effluent to be absorbed directly into the surrounding soil.

“Septic Tank” means a watertight receptacle receiving sewage and having an inlet and outlet designed to permit the separation of suspended solids from sewage and to permit such retained solids to undergo decomposition therein.

“Service Connection” means the portion of the Public Sewer which extends either to or onto the parcel of land adjacent to the path of the Public Sewer, and includes the sewer main, tee/wye, valve, check valve, connector pipes, the sewer lead, the grinder pump system, electrical controls and connections at the electric meter (but not including the meter) and appurtenances, but not including the building sewer.

“Sewage” means wastewaters from residences, business buildings, industrial establishments and/or other premises together with groundwater or surface water infiltration as may be present.

“Sewage Disposal Facility” means a privy, cesspool, seepage pit, septic tank, sub-surface disposal field or any other device used in the disposal of sewage or human excreta.

“Sewage Treatment Facility” means all facilities owned, operated, maintained or utilized for the collection, odor control, sampling, monitoring, pumping, treating and disposal of sewage, specifically including the treatment plant.

“Sewer” means a pipe or conduit carrying sewage and/or storm, surface and ground waters.

“Sewer Lead” means that portion of the service connection that connects to the sewer main located in the public right-of-way and extends therefrom to the property line.

“Sewer Service Charge” means the sum of the applicable connection fee, inspection fee, and user charge, surcharges and debt service charges.

“Shall” is mandatory.

“Significant Industrial User” means any industrial user discharging to a POTW who:

- a. Has a discharge flow of 25,000 gallons or more per average work day; or
- b. Has a flow greater than 3% of the flow of the wastewater treatment system to which he is a contributor; or
- c. Has in his wastes toxic pollutants as defined pursuant to Section 307 of the Act State Statutes and rules; or

- d. Is found by the Township, Michigan Department of Environmental Quality, or the U.S. Environmental Protection Agency (EPA) to have significant impact, either singly or in combination with other contributing industries, on the wastewater treatment system to which he is a contributor, the quality of sludge, the system's effluent quality, or air emissions generated by the system.

"Significant Noncompliance" shall mean one or more of the following:

- a. Chronic violation of wastewater discharge limit, defined here as when sixty-six (66) percent or more of all the measurements for a pollutant parameter taken during a six-month period exceed by any magnitude the corresponding daily maximum limit or the corresponding average limit;
- b. Technical review criteria violation of wastewater discharge limit, defined here as when thirty-three (33) percent or more of all of the measurements for a pollutant parameter taken during a six-month period equal or exceed the product of the corresponding daily maximum limit multiplied by the applicable TRC factor, or the product of the corresponding average limit multiplied by the applicable TRC Factor (TRC Factor = 1.4 for BOD, fats, oil and grease, and 1.2 for all other pollutants except pH);
- c. Any other violation of a daily maximum limit or an average limit that the DEQ and/or the Township determines has alone or in combination with other discharges caused interference or pass-through, including endangering the health of POTW personnel or the general public;
- d. Any discharge of a pollutant that has caused imminent endangerment to human health, public welfare, or the environment, or has resulted in the POTW exercising its emergency authority to halt or prevent such a discharge.
- e. Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a discharge permit or enforcement order for starting construction, completing construction, or attaining final compliance.
- f. Failure to provide, within 30 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, and/or reports on compliance with compliance schedules.
- g. Failure to accurately report noncompliance; and
- h. Any other violation, or group of violations, which the DEQ and/or the Township determines as adversely affecting operation or implementation of the Township's pretreatment program.

“Slug Load” means any substance released in a discharge at a rate and/or concentration that causes interference to a POTW.

“Special Assessment District” means all Special Assessment Districts determined at any time by the Township Board within the Service District for the provision of sanitary sewer service by the Public Sewer.

“Standard Industrial Classification (SIC)” means a classification pursuant to the Standard Industrial Classification Manual issued by the Executive Office of the President, Office of Management and Budget, 1972.

“State” means State of Michigan.

“Storm Sewer or Storm Drain” means a sewer that carries storm, surface and ground waters, but excludes sewage and polluted industrial waste.

“Storm Water” means any flow occurring during or following any form of natural precipitation and resulting therefrom.

“Structure” means a building used or available for use for household, commercial, industrial, or other purposes that generates sewage.

“Superintendent” means the person designated by the applicable local government to supervise the operation of the publicly owned treatment works, who is charged with certain duties and responsibilities by this ordinance, or his/her duly authorized representative.

“Sub-Surface Disposal Field” means a facility for the distribution of septic tank overflow or effluent below the ground surface through a line, or a series of branch lines, of drain tile laid with open joints to allow the overflow or effluent to be absorbed by the surrounding soil through the entire field.

“Supervisor” means the Supervisor of the Township or his/her authorized representative.

“Surcharge” means an additional part of the service charge that any customer discharging wastewater, having strength in excess of limits set forth by the Township, may be required to pay to cover the cost of treatment of such excess strength wastewater.

“Suspended Solids” means the solids that either floats on the surface of or are in suspension in water, sewage or other liquids.

“Township” means the Township of Hamburg, located in Livingston County, Michigan, and/or its duly authorized agent or representative.

“Toxic Pollutant” means any pollutant or combination of pollutants which is or can potentially be harmful to public health or environment including, but not limited to, those listed as toxic

in regulations promulgated by the Administrator of the Environmental Protection Agency under the provisions of Clean Water Act, Section 307(a) (33 USC 1317) or other Acts, or included in the Critical Materials Register promulgated by the State.

“Trunk Line” means the main sewer line located under any street or within any street right-of-way that collects and transmits the sewage of the various properties served by the sewer system.

“Uncontaminated Industrial Process Water” means water that does not come into contact with any substance used in or incidental to industrial processing operations and to which no chemical or other substance has been added.

“Upset” means an exceptional incident in which a user unintentionally and temporarily is in a state of noncompliance with the requirements of this Ordinance due to factors beyond the reasonable control of the user, excluding noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation thereof.

“U.S. EPA” or “EPA” means the United States Environmental Protection Agency.

“User” means any person who contributes, causes or permits the contribution of sewage into a Public Sewer.

“User Charge” means a charge levied on users of a treatment works for the cost of operation and maintenance of sewerage works pursuant to Section 204 (b) of PL 92-500 and includes the cost of replacement.

“User Class” means the kind of user connected to sanitary sewers including but not limited to residential, industrial, commercial, institutional and governmental.

- a. Residential User shall mean a user of a treatment works whose premises or buildings are used primarily as a domicile for one or more persons, including dwelling units such as detached, semi-detached and row houses, mobile homes, apartments, or permanent multi-family dwellings.
- b. Industrial User means a user of the treatment works which discharges wastewater from industrial, manufacturing, trade or business processes or from any structure with these characteristics, and distinct from their employee’s domestic wastewaters or wastewaters from sanitary conveniences.
- c. Commercial User shall mean an establishment listed in the Office of the Management and Budgets Standard Industrial Classification Manual (SICM), involved in a commercial enterprise, business or service which, based on a determination by the Township, discharges primarily segregated domestic

wastewaters or wastewaters from sanitary conveniences and which is not a residential user or an industrial user.

- d. Institutional User shall mean any establishment listed in the SICM involved in a social, charitable, religious, or educational function that based on a determination by the Township, discharges primarily segregated domestic wastes or wastewaters from sanitary conveniences.
- e. Governmental User shall mean any Federal, State or Local government user of the wastewater treatment works.

“Wastewater” means the industrial or domestic wastewaters from dwellings, commercial building, industrial facilities and institutions, together with any groundwater, surface water, and storm water that may be present, whether treated or untreated, which enter the POTW.

“Watercourse” means a channel, natural or artificial, in which a flow of water occurs, either continuously or intermittently.

“Waters” means all streams, rivers, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, and all other bodies or accumulations of water, surface or underground, natural or artificial, public or private, which are located in the Township.

Section 4.0. Franchise Required

Any wastewater treatment system not owned by the Township which is operating in the Township shall be considered a public utility within the meaning of any constitutional or statutory provisions and shall be required to obtain, prior to site plan approval, a revocable franchise from the Township to engage in such operations and to build, construct, own or operate a wastewater treatment system in accordance with the Michigan Constitution and state law, including but not limited to Part 43 of P.A. 1994, No 451 (MCL 324.4301, et seq.). The expansion, modification, or alteration of any such system shall require a new franchise.

Section 5.0. Point Source Discharges

- a. The Township Board has found that the quality of waters located in the Township can be degraded due to the increasing amount of point source nutrient discharge into those waters. Therefore, as a matter of public health, safety, and welfare, and for the protection of lands and landowners adjacent or near these waters, does hereby prohibit an expansion or increase of surface water discharge containing nitrate nitrogen in excess of 200 parts per billion (micrograms per liter) or containing phosphorus in excess of 20 parts per billion (micrograms per liter) into waters located in and/or flowing through the Township. Any landowner making application to the Township for site plan approval for any development which may result in a direct point source discharge of wastewater to any lake, stream, drain,

river, creek, wetland or other water body within the Township shall apply for and obtain from the Hamburg Township Board of Trustees a Point Source Discharge Permit prior to final site plan approval.

- b. The application for a Point Source Discharge Permit, together with the application fee established by the Board of Trustees shall be submitted to the Clerk of Hamburg Township. Said application shall be accompanied by all information required for site plan review together with a written opinion from a licensed civil engineer with knowledge and experience in the area of limnology and point source discharges, a limnologist, or other professional acceptable to the Township that the anticipated direct point source wastewater discharge from the site into any lake, stream, river, creek, drain, wetland or other water body within the Township will not contain nitrate nitrogen in excess of 200 parts per billion, contain phosphorus in excess of 20 parts per billion, and will not degrade the quality of the receiving or downstream waters. The Clerk upon receipt of said application shall forward the application to the ~~Zoning Administrator–Hamburg Environmental Review Board (H.E.R.B.) for their for their~~ consideration and recommendation to the Township Board of Trustees. This recommendation shall state: 1) whether the requested discharge will exceed the limitations contained in Section 5, Paragraph A above, 2) whether the requested discharge will likely result in degradation to the receiving or downstream waters, 3) whether the issuance of a point source discharge will have any other adverse impacts to the environment, and 4) whether they recommend any limitations on the issuance of a permit, and 5) whether they recommend the issuance of a Point Source Discharge Permit. Upon receipt of the Zoning Administrators~~Upon receipt of the H.E.R.B.~~ report, the Hamburg Township Board of Trustees shall consider the Point Source Discharge Permit request and either: 1) grant the permit, 2) grant the permit with conditions, or 3) deny the permit. In the event the Township Board of Trustees shall deny the Permit, they shall state the reasons why such permit is being denied.

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Commented [DH4]: This whole section refers to process for review by HERB which was disbanded by the Township Board effective 4/5/16. Suggest eliminating language, or including language such as ZA included which would require "an environmental review through a qualified environmental consultant. Cost of the review would be paid for by the developer/owner of the project.

Changes made by Supervisor

- c. Where there are unnecessary hardships in the way of carrying out the strict letter of this section and where no alternative superior treatment technology, method and treatment, or discharge location is available, the Township Board may grant an exemption from this section. The request for exemption shall in be letterform to the Township Board, submitted to the attention of the Township Clerk. The request for exemption shall specify the reasons for the request in detail. The Township Clerk shall submit the request for an exemption to Zoning Administrator for consideration by the Planning Commission. ~~the chairperson of H.E.R.B. and the Township Engineer for consideration by H.E.R.B. and the engineer. H.E.R.B. and the engineer shall make a recommendation as to the request for exemption to the Township Board.~~ The Township Board shall approve or disapprove, in writing, the request for exemption following its receipt of the recommendation by H.E.R.B. and the Township Engineer. Approval of the exemption under this section must be secured prior to final site plan approval.

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Commented [DH5]: This section also has HERB references and should be amended.

Changes made by Supervisor

Section 6.0. Industrial Wastewater Pretreatment

A. General discharge prohibitions.

1. No user shall contribute or cause to be contributed, directly or indirectly, any pollutant or wastewater that will interfere with the operation or performance of the POTW. These general prohibitions apply to all such users of a POTW whether or not the user is subject to national categorical pretreatment standards or any other national, state, or local pretreatment standards or requirements. A user may not contribute the following substances to any POTW:
 - a. Any liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the POTW or to the operation of the POTW, including, but not limited to waste streams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Celsius using the test methods specified in 40 CFR 261.21 (1990). At no time shall two successive readings on an explosion hazard meter, at the point of discharge into the system, or at any point in the system, be more than five percent nor shall any single reading be over ten percent of the lower explosive limit (LEL) of the meter. Prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides, and any other substances which the Township, state or EPA has notified the user is a fire hazard or a hazard to the system.
 - b. Solid or viscous substances which may cause obstruction to the flow in a sewer or other interference with the operation of the wastewater treatment facilities, such as, but not limited to, grease, garbage with particles greater than one-half inch in any dimension, animal guts or tissues, paunch manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grain, spent hops, wastepaper, wood, plastics, gas, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud, or glass grinding or polishing wastes.
 - c. Any wastewater having a pH of less than 5.0 or greater than 9.0 or wastewater having any other corrosive property capable of causing damage or hazard to structures, equipment, and/or personnel of the POTW.

- d. Any waters or wastes containing compatible or toxic pollutants which, singly or by interaction with other pollutants, exceed limitations established by the Township for the following reasons:
- (i) To prevent treatment process pass through of pollutants that violate water quality standards of the receiving stream.
 - (ii) To prevent injury or inhibition of the treatment process or sludge handling facilities.
 - (iii) To prevent contamination of the wastewater sludge and interference with the sludge disposal process.
 - (iv) To comply with federal EPA categorical pretreatment standards.
 - (v) Constitute a hazard to humans or animals.
 - (vi) Create a toxic effect in the receiving waters of the POTW.

Toxic pollutants shall include, but are not limited to; any substance identified in the federal EPA priority pollutant and state critical materials lists.

- e. Any noxious or malodorous liquids, gases or solids which either singly or by interaction with other wastes are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for maintenance and repair.
- f. Any substance that may cause the POTW's effluent or any other product of the POTW, such as residues, sludges, or scums, to be unsuitable for reclamation and reuse or to interfere with the reclamation process. In no case shall a substance discharged to the POTW cause the POTW to be in noncompliance with sludge use or disposal criteria, guidelines or regulations developed under Section 405 of the Act; any criteria, guidelines, or regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, or state criteria applicable to the sludge management method being used.
- g. Any substance that will cause the POTW to violate its NPDES and/or state disposal system permit or the receiving water quality standards.
- h. Any wastewater having a temperature which will inhibit biological activity in the POTW treatment plan resulting in interference, but in no case

wastewater with a temperature at the introduction into the POTW which exceeds 40 degrees Celsius (104 degrees Fahrenheit).

- i. Any pollutants, including oxygen demanding pollutants (BOD, etc.) released at a flow rate and/or pollutant concentration which a user knows or has reason to know will cause interference to the POTW. In no case shall a slug load have a flow rate or contain concentration or quantities of pollutants that exceed for any time period longer than 15 minutes more than five times the average 24-hour concentration, quantities, or flow during normal operation.
 - j. Any wastewater containing any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the superintendent in compliance with applicable state or federal regulations.
 - k. Any wastewater that causes a hazard to human life or creates a public nuisance.
 - l. Any waters or wastes which may contain more than 100 milligrams per liter, by weight, of fat, petroleum, oil or grease, nonbiodegradable cutting oils, or products of mineral oil origin.
 - m. Any discharge which will violate any statute, rule, regulation, or ordinance of any public agency and/or local unit of government with jurisdiction, including the EPA.
 - n. Any wastewater containing pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems.
 - o. Any trucked or hauled pollutants, except at discharge points designated by the treatment works.
2. When the superintendent determines that a user is contributing to the POTW any of the substances enumerated in subsection 1 of this section in such amounts as to interfere with the operation of the POTW, the superintendent shall:
- a. Advise the user of the impact of the contribution on the POTW; and
 - b. Develop effluent limitations for such user to correct the interference with the POTW.

B. Federal categorical pretreatment standards.

1. *Generally.* All industrial users subject to the federal categorical pretreatment standards shall be subject to the rules, regulations, and requirements of 40 CFR 403.
2. *Federal standards supersede limitations under this ordinance.* Any existing or new federal categorical pretreatment standards shall immediately supersede the limitations imposed under this ordinance if more stringent. In such a case, the superintendent shall notify all affected users of the applicable reporting requirements under 40 CFR 403.12.
3. *Deadline for compliance with categorical standards.*
 - a. Existing sources shall comply with federal categorical pretreatment standards within three years of the date the standard is effective, unless a shorter compliance time is specified in 40 CFR chapter I, subchapter N.
 - b. Direct dischargers with NPDES permits modified or reissued to provide a variance pursuant to Section 301(i)(2) of the Act shall be required to meet compliance dates set in any applicable federal categorical pretreatment standard.
 - c. Existing sources which become industrial users subsequent to promulgation of an applicable categorical standard shall be considered existing industrial users except where such sources meet the definition of a new source as defined in 40 CFR 403.3(k).
 - d. New sources shall install and have in operating condition, and shall start up, all pollution control equipment required to meet applicable pretreatment standards before beginning to discharge. Within the shortest feasible time, not to exceed 90 days, new sources must meet all applicable pretreatment standards.
4. *Calculation of equivalent mass and concentration limits.*
 - a. When the limits in a federal categorical pretreatment standard are expressed only in terms of mass of pollutant per unit of production, the superintendent may convert the limits to equivalent limitations expressed either as mass of pollutant discharged per day or effluent concentration for purposes of calculating effluent limitations applicable to individual industrial users.
 - b. Equivalent limitations shall be deemed pretreatment standards for the purposes of Section 307(d) of the Act. Industrial users will be required to

comply with the equivalent limitations in lieu of the promulgated categorical standards from which the equivalent limitations were derived.

C. Modification of federal categorical pretreatment standards.

Where the wastewater treatment system achieves consistent removal of pollutants omitted by federal categorical pretreatment standards, the Township may apply to the approval authority for modification of specific limits in the categorical pretreatment standards. Consistent removal shall be determined in accordance with 40 CFR 403.7(b).

1. When the limits in a categorical standard are expressed only in terms of mass of pollutant per unit of production, the control authority may convert the limits to equivalent limitations expressed either as mass of pollutant discharged per day or effluent concentration for purposes of calculating effluent limitations applicable to individual industrial users.
2. Equivalent limitations calculated in accordance with Paragraphs (c)(3) and (c)(4) of 40 CFR 403.6 shall be deemed pretreatment standards for the purposes of Section 307(d) of the Act and 40 CFR 403. Industrial users will be required to comply with the equivalent limitations in lieu of the promulgated categorical standards from which the equivalent limitations were derived.

D. State Requirements.

State requirements and limitations on discharges shall apply in any case where they are more stringent than federal requirements and limitations or those in this Ordinance.

E. Dilution Prohibited.

No user or POTW shall increase the use of potable or process water in any way, nor mix separate waste streams, for the purpose of diluting a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the requirements set forth in this Ordinance.

F. Grease, oil, and sand interceptors.

1. Grease, oil, and sand interceptors shall be provided when, in the opinion of the Township, they are necessary for the proper handling of wastewaters containing grease in excessive amounts or any flammable wastes, sand, or other harmful ingredients. Notwithstanding the foregoing, interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Township and shall be located so as to be readily accessible for cleaning and inspection. All grease and oil interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature. Such interceptors shall be of

substantial construction, watertight, and equipped with easily removable covers which, when bolted in place, shall be gastight and watertight. All grease, oil and sand interceptors shall be maintained in continuously efficient operation at all times by the owner of the building or premises from which such wastewaters emanate, or his authorized representative, at the expense of the owner.

- a. Residential users, who are found by the Township to have compromised their grinder pump by introducing grease into the can, shall be responsible for having the grease pumped out by a licensed septage hauler. All residential users will receive information via the Hamburg Township cable channel, Hamburg Township website, or informational newsletter on the proper use and management of household waste as it relates to grinder pumps and the Wastewater Treatment Plant.

2. Grease Interceptors for Food Service Establishments

- a. Unless otherwise authorized by the Township, all permitted FSEs shall install, operate and maintain an outdoor grease interceptor. The Township may issue a discharge permit to any FSE in the service area at its discretion. FSE discharge permits may include user-specific conditions, such as interceptor inspection and pump-out frequencies, that are more or less stringent than specified herein.
- b. General requirements for permitted FSEs shall be as specified herein, unless the Township determines that installation of an outdoor grease interceptor would not be feasible and authorizes the installation of an alternate pretreatment technology. The FSE bears the burden of adequately demonstrating to the Township that the installation of an outdoor grease interceptor is not feasible.
 - (i) For permitted FSEs initiating or modifying discharge after adoption of this Ordinance, the design for an outdoor grease interceptor shall be submitted to the Township for approval prior to submitting the building permit plans. The interceptor shall be installed, and deemed acceptable by the Township after inspection, prior to issuance of a certificate of occupancy.
 - (ii) Permitted FSEs already discharging upon adoption of this Ordinance that are determined by the Township to have a reasonable potential to adversely impact the sewer system will be notified in writing of the obligation to install an outside grease interceptor and receive Township approval within 120 days. If an outdoor grease interceptor is not installed and approved after 120 days, the Township will issue ~~levy~~ a Class D municipal civil infraction. The penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. If, after ninety (90) days

~~of civil infractions, Township approval is still not met, sewer services shall be disconnected. The user shall be responsible for all reconnection costs. \$100 per day fine for all subsequent offenses. If after ninety (90) days of fines, Township approval is still not met, sewer service shall be disconnected. The user shall be responsible for all reconnection costs.~~

- (iii) Outdoor grease interceptors shall be constructed in accordance with design approved by the Township, and shall have a minimum of two compartments with fittings designed for grease retention. Sizing and installation shall conform to the current edition of the plumbing code used by the Township.
- (iv) Outdoor grease interceptors shall be inspected monthly at a minimum, or more often if dictated by site-specific conditions. Pump out of accumulated grease, water, and sludge shall occur quarterly at a minimum, or more often if the settled solids exceed a depth of six inches (6") of any interceptor compartment. If an FSE fails a monthly inspection, they shall receive Class D municipal civil infraction. The penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. If, after ninety (90) days of civil infractions, Township approval is still not met, sewer services shall be disconnected. The user shall be responsible for all reconnection costs.~~\$100 per day fine until they are in compliance. If after ninety (90) days of fines, Township approval is still not met, sewer service will be disconnected. The user shall be responsible for all reconnection fees.~~
- (v) Outdoor grease interceptors shall be installed at a location where it shall be easily accessible for inspection, cleaning and removal of intercepted grease, but not in any part of the building where food is handled. The location of all outdoor grease interceptors are subject to approval by the Township.
- (vi) Outdoor grease interceptors shall be inspected monthly at a minimum, or more often if dictated by site-specific conditions. Pump-out of accumulated grease, water and sludge shall occur quarterly at a minimum, or more often if the settled solids exceed a depth of six inches (6") of any interceptor compartment. Water removed during pump-out shall not be returned to the interceptor, and accumulated grease and sludge shall not be reintroduced into any drainage piping leading to the Township's sanitary sewer. The pump-out operation and disposal of the accumulated grease, water, and sludge shall only

be by a licensed contractor. The Township shall be notified prior to any scheduled pump-out so the operation can be witnessed if desired.

- (vii) The FSE shall maintain a written record of inspections, pump-out, and maintenance of the outdoor grease interceptor for three (3) years. All such records shall be available for review by the Township's representative during all operating hours.
 - (viii) Outdoor grease interceptors shall be kept free of inorganic solid materials such as grit, rocks, gravel, sand, eating utensils, cigarettes, shells, towels, rags, etc. which could reduce the effective volume for grease and sludge accumulation.
 - (ix) Sanitary wastes shall not be discharged to sewer lines serviced by outdoor grease interceptors without specific approval of the Township.
- c. Alternate pretreatment technology shall be defined as a device to trap, separate, and hold grease from wastewater and prevent it from being discharged into the Township's sanitary sewer. If the Township-authorized alternate pretreatment technology is other than indoor grease trap(s), the FSE shall submit design plans, installation details, and operation and maintenance procedures to the Township for approval. If the Township-authorized alternate pretreatment technology is indoor grease trap(s), the following requirements apply:
- (i) Indoor grease trap(s) shall be installed in all waste lines from sinks, drains and other fixtures or equipment where grease may be introduced into the Township's sanitary sewer. Trap(s) shall never be operated without the flow restrictor supplied by the unit's manufacturer.
 - (ii) No food waste disposal unit, dishwasher, or wastewater in excess of one hundred-forty (140) degrees Fahrenheit (60°C) shall be discharged into an indoor grease trap.
 - (iii) Sizing and installation of the indoor grease trap(s) shall be discharged into an indoor grease trap.
 - (iv) FSEs with authorized indoor grease trap(s) shall employ kitchen Best Management Practices (BMPs) for pre-cleaning of plates, pots, pans, etc. to minimize grease loadings to the drainage system.
 - (v) Indoor grease trap(s) shall be inspected weekly at a minimum, or more often if dictated by site-specific conditions. Trap(s) shall be maintained

in efficient operating condition at all times by removal of the accumulated grease.

- (vi) Disposal of accumulated grease shall be in an appropriate manner. Accumulated grease shall not be reintroduced into any drainage piping leading to the Township's sanitary sewer.

G. Spill prevention and operational upset.

- a. Significant industrial users and all industrial/commercial users with the potential to discharge toxic substances or prohibited pollutants shall provide protection from accidental discharge of prohibited materials or other substances regulated by this Ordinance, slug loadings and operational upset of pretreatment facilities.

1. *Planning and periodic review.* Every SIU within the authority of the Township shall within 180 days of enactment of this Ordinance or within 180 days of becoming a new discharger submit a report which reviews the potential for accidental discharges, operational upsets and slug loadings. If the potential for slug loading or other accidental discharge is determined by the Township, a plan shall be prepared according to 40 CFR 403.8(f)(2)(v). This plan shall be known as the slug discharge action plan and shall be submitted in accordance with the provisions of Section 6(M)(4) to the Township.
2. *Operation plans and facilities.* Facilities to prevent accidental discharge of prohibited materials, slug loadings and operational upsets shall be provided and maintained at the owner or user's own cost and expense. Detailed plans showing facilities and operating procedures to provide this protection shall be submitted to the Township and the superintendent for review, and shall be approved by the Township and the superintendent before construction of the facility. The superintendent shall provide his comments in writing to the Township. All existing users shall complete such a plan by 180 days after the effective date of this Ordinance.

No user who commences contribution to the POTW after the effective date of this Ordinance shall be permitted to introduce pollutants into the system until accidental discharge and operational upset procedures have been approved by the Township. Review and approval of such plans and operating procedures shall not relieve the user from the responsibility to modify the user's facility necessary to meet the requirements of this Ordinance. Copies of the user's spill prevention control and countermeasure (SPCC) plan, the user's pollution incidence prevention plan (PIPP) and the user's slug discharge action plan shall be filed with the Township and with the superintendent.

3. *Notice requirements.*

- a. *Immediate notice.* In the case of an accidental discharge, slug loading, or operational upset, or any discharge that could cause problems to the POTW, it is the responsibility of the user to immediately telephone and notify the POTW of the incident. The notification shall include location of discharge, type of waste, concentration and volume, and corrective actions.
- b. *Written notice.* Within five days following an accidental discharge, slug loading, or operational upset, the use shall submit to the Township a detailed written report describing the cause of the discharge and the measures to be taken by the user to prevent similar future occurrences. Such notification shall not relieve the user of any expense, loss, damage, or other liability which may be incurred as a result of damage to the POTW, fish kills, or any other damage to persons or property; nor shall such notification relieve the user of any fines, civil penalties, or other liability which may be imposed by this ordinance or other applicable law.
- c. *Notice to employees.* A notice shall be permanently posted on the user's bulletin board of other prominent place advising employees whom to call in the event of a dangerous discharge. Employers shall ensure that all employees who may cause or suffer such a dangerous discharge to occur are advised of the emergency notification procedure.

H. Right of review by Township.

Admission into the Public Sewers of wastewaters containing any of the prohibited discharges in section 6(A) of this ordinance or having an average daily flow rate of 10,000 gallons or more shall be subject to review by the Township. All proposed discharges to the sanitary sewers shall be reviewed prior to connection.

The discharge of an existing user shall be subject to review if a change in the contribution is anticipated or at the request of the Township to demonstrate continued compliance with ordinance requirements. In support of this review, existing or potential users of the sewers shall provide all information necessary to complete the review. This information shall include, but is not limited to, the following:

1. File a written statement setting forth the nature of the enterprise, the source and amount of water used, the amount of water to be discharged with its present or expected bacterial, physical, chemical, radioactive, or other pertinent characteristics of the wastes.

2. Provide a report on raw materials entering the process or support system, intermediate materials, final product, and waste by products as those factors may affect waste control.
3. Provide a plan map of the building, works, or complex, with each outfall to the surface waters, sanitary sewer, storm sewers, natural watercourse, or groundwaters noted and described, and the waste stream identified.
4. Records and reports on the final disposal of specific liquids, solids, sludges, oils, solvents, radioactive materials, and other wastes.
5. In the case of existing discharges, sampling and test reports as may be required by the Township.

I. Township's Right of Revision.

The Township reserves the right to establish by ordinance more stringent limitations or requirements on discharges to the POTW if deemed necessary to comply with the objectives presented in Section 2 of this ordinance.

J. Fees.

1. It is the purpose of this section to provide for the recovery of costs from users of POTWs located in the Township for the implementation of the program established in this section. The applicable charges or fees shall be set forth within the Township's schedule of charges and fees.
2. The Township may adopt, through resolution, charges and fees that may include:
 - a. Fees for reimbursement of costs of setting up and operating the Township's pretreatment program.
 - b. Fees for monitoring, inspections and surveillance procedures.
 - c. Fees for reviewing accidental discharge procedures and construction.
 - d. Fees for filing appeals.
 - e. Fees for consistent removal by the Township of pollutants otherwise subject to federal categorical pretreatment standards.
 - f. Fees for permit applications.

- g. Other fees as the Township may deem necessary to carry out ~~the requirements~~the requirements contained in this Ordinance.

These fees relate solely to the matters covered by this Ordinance and are separate from all other fees chargeable by the applicable government.

K. Wastewater Dischargers; Compliance Required.

1. It shall be unlawful to discharge any wastewater to a POTW or other natural outlets within the jurisdiction of the Township except as authorized in accordance with this Ordinance.

2. The discharge of all major contributing industries shall be subject to review by the Township as provided in Section 6(H) of this Ordinance. A wastewater discharge permit shall be obtained for any discharge from a major contributing discharger that is characterized by the Township as any one of the following:

- a. —A discharge from a significant industrial user as defined in 40 CFR 403.3(t).
- b. —A discharge with potential to cause violation of the applicable NPDES permit limitations or water quality standards of the stream receiving the effluent of the treatment works.
- c. —A discharge with potential to cause interference with the treatment process or wastewater sludge disposal procedures.
- d. —A discharge regulated by federal EPA categorical pretreatment standards.
- e. —A discharge from any pretreatment facility.

L. Wastewater Discharge Permits.

1. All significant industrial users and any industrial and commercial users, as required by the Township, shall obtain a wastewater discharge permit before connecting to or contributing to a POTW. All existing significant industrial users and any industrial and commercial users, as required by the Township, connected to or contributing to a POTW shall obtain a wastewater discharge permit.
2. *Application.* Users required to obtain a wastewater discharge permit shall complete and file with the Township an application in the form prescribed by the Township signed by the principal executive officer of the user and accompanied by an application fee as set forth in Section 6(H) of this Ordinance. New significant

industrial users shall apply at least ninety-days (90) prior to connecting to or contributing to the POTW. In support of the application, the Township may require the user to submit, in units and terms sufficient for evaluation by the Township, the following information:

- a. Name, address, and location of the user.
- b. Standard Industrial Classification (SIC) number according to the Standard Industrial Classification Manual, Federal Bureau of the Budget, 1972, as amended.
- c. Wastewater constituents and characteristics, as determined by the superintendent. Sampling and analysis shall be performed in accordance with procedures and methods detailed by the EPA contained in 40 CFR 136, as amended. Where 40 CFR 136 does not include a sampling or analytical technique for the pollutant in question, sampling and analysis shall be performed in accordance with the procedures set forth in the EPA publication, Sampling and Analysis Procedures for Screening of Industrial Effluents for Priority Pollutants, April 1977, and amendments thereto, or with any other sampling and analytical procedures approved by the administrator of the EPA. The permit application shall indicate the time, date, and place of sampling, and methods of analysis, and shall certify that such sampling and analysis is representative of normal work cycles and expected pollutant discharges to the POTW.
- d. Time and duration of discharges.
- e. Average daily and instantaneous peak sewage flow rates, in gallons per day, including daily, monthly, and seasonal variations, if any. All flows shall be measured, unless other verifiable techniques are approved by the Township.
- f. Site plans, floor plans, mechanical and plumbing plans, including non-contact water cooling systems, and details showing all sewers, sewer connections, inspection manholes, sampling chambers and appurtenances by size, location, and elevation.
- g. Description of activities, facilities, and plant processes on the premises, including all materials that are or may be discharged to the wastewater treatment facilities.
- h. Nature and concentration of any pollutants or materials prohibited by this Ordinance in the discharge, together with a statement regarding whether or not compliance is being achieved with this Ordinance on a consistent basis and, if not, whether additional operation and maintenance activities

and/or additional pretreatment is required for the user to comply with this Ordinance.

- i. Each product produced by type, amount, process or processes, and rate of production.
- j. Type and amount of raw materials utilized (average and maximum per day).
- k. Number and type of employees, hours of operation of plant and proposed or actual hours of operation of pretreatment system.
- l. Where additional pretreatment and/or operation and maintenance activities will be required to comply with applicable pretreatment standards, the user shall provide a declaration of the shortest schedule by which the user will provide such additional pretreatment and/or implementation of additional operational and maintenance activities. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard. The following conditions shall apply to this schedule:
 - (i) The schedule shall contain increments of progress in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the user to meet the applicable pretreatment standard. No increment referred to in this paragraph shall exceed nine (9) months.
 - (ii) Not later than fourteen (14) days following each date in the schedule and the final date for compliance, the user shall submit a progress report to the Township and the superintendent including, at a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress; the reason for delay, and the steps being taken by the user to return the construction to the schedule established. In no event shall more than nine (9) months elapse between such progress reports.
- m. A listing of all environmental control permits held by or for the user.
- n. Any other information required by 40 CFR Section 403.12 or any similar successor federal regulation.
- o. Any other information as may be deemed by the Township to be necessary to evaluate the permit application.

The Township and Superintendent will evaluate the data furnished by the user and may require additional information. After evaluation and acceptance of the data furnished, the Township may issue a wastewater contribution permit subject to terms and conditions provided in this Ordinance.

3. *Permit Modifications.* Within nine (9) months of the promulgation of a national categorical pretreatment standard, the wastewater discharge permit of users' subject to such standards shall be revised to require compliance with such standards within the timeframe prescribed by such standard. Where a user subject to a national categorical pretreatment standard has not previously submitted an application for a wastewater discharge permit as required by Paragraph B of this subsection, the user shall apply for a wastewater discharge permit within one hundred eighty (180) days after the promulgation of the applicable national categorical pretreatment standards. In addition, the user with an existing wastewater discharge permit shall submit to the superintendent within one hundred eighty (180) days after the promulgation of an applicable federal categorical pretreatment standard the information required by subsections h and l of this section.
4. *Permit Conditions.* Wastewater discharge permits shall be expressly subject to all provisions of this ordinance and all other applicable regulations, user charges, and fees established by the Township. Permits may contain the following:
 - a. The unit charge or schedule of user charges and fees for the wastewater to be discharged to a community sewer.
 - b. Limits on the average and maximum wastewater constituents and characteristics.
 - c. Limits on average and maximum rate and time of discharge or requirements for flow regulations and equalization.
 - d. Requirements for installation and maintenance of inspection and sampling facilities.
 - e. Specifications for self-monitoring, sampling, reporting, notification and recordkeeping requirements, including an identification of the pollutants to be monitored, sampling location, sampling frequency, and sampling type, based on the applicable general pretreatment standards of 40 CFR 403, this Ordinance, categorical pretreatment standards, local limits, and state and local law.
 - f. Compliance schedules.

- g. Requirements for submission of technical reports or discharge reports (see section 6(M)).
 - h. Requirements for maintaining and retaining plant records relating to wastewater discharge as specified by the Township, and affording the Township access thereto.
 - i. Requirements for notification of the Township of any new introduction of wastewater constituents or any substantial change in the volume or character of the wastewater constituents being introduced into the wastewater treatment system.
 - j. Requirements for notification of slug discharges as per this Ordinance.
 - k. Other conditions as deemed appropriate by the Township to ensure compliance with this Ordinance.
5. *Duration of Permit.* Wastewater discharge permits shall be issued for a specified time period, not to exceed five (5) years. A permit may be issued for a period less than a year or may be stated to expire on a specific date. The user shall apply for permit reissuance a minimum of 90 days prior to the expiration of the user's existing permit.

The terms and conditions of the permit may be subject to modification by the Township during the term of the permit as limitations or requirements as identified in section 6(A) as may be modified or if other just cause exists. The user shall be informed of any proposed changes in his permit at least thirty (30) days prior to the effective date of change. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

6. *Nontransferability.* Wastewater discharge permits are issued to a specific user for a specific operation. A wastewater discharge permit shall not be assigned, transferred or sold to a new owner, new user or different premises.

M. Reporting Requirements for Permittee.

1. *Compliance Date Report.* Within 90 days following the date for final compliance by the user with applicable pretreatment standards or 90 days following commencement of the introduction of wastewater into the POTW by a new source, any user subject to pretreatment standards and requirements shall submit to the Township and the superintendent a report containing the information listed in 40 CRR 403.12(b)(4)–(6).

- a. For industrial users' subject to equivalent mass or concentration limits established by the Township, this report shall contain a reasonable measure of the user's long-term production rate. For all other industrial users' subject to categorical pretreatment standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of operation), this report shall include the user's actual production during the appropriate sampling period.

~~b.~~ The report shall state whether the applicable pretreatment standards and requirements are being met on a consistent basis and, if not, what additional operation and maintenance and/or pretreatment is necessary to bring the user into compliance with the applicable pretreatment standards and requirements. This statement shall be signed by an authorized representative of the user and certified to by a professional licensed to practice in the State as described in Section 5(B).

2. *Baseline Monitoring Report.*

- a. Within 180 days after the effective date of a categorical pretreatment standard or 180 days after the final administrative decision made upon a category determination, whichever is later, existing industrial users subject to such categorical pretreatment standards and currently discharging to or scheduled to discharge to a POTW shall be required to submit to the Township and the superintendent a report which contains the information listed in 40 CFR 403.12(b).
- b. At least 90 days prior to commencement of discharge, new sources, and sources that become industrial users subsequent to the promulgation of an applicable categorical standard, shall be required to submit to the Township and the superintendent a report which contains the information listed in CFR 403.12(b). New sources shall also include in this report information on the method of pretreatment the source intends to use to meet applicable pretreatment standards.

3. *Periodic Compliance Report.*

- a. Any user subject to a categorical pretreatment standard, after the compliance date of such pretreatment standard, or in the case of a new source, after the commencement of the discharge into the POTW, shall submit to the Township and the superintendent during the months of June and December, unless required more frequently in the pretreatment standard or by the Township, a report indicating the nature and concentration of pollutants in the effluent which are limited by such categorical pretreatment standard. In addition, this report shall include a record of all measured or estimated average and maximum daily flows for

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the reporting period for the discharge reported in subsection (1) of this section, except that the Township and the superintendent may require more detailed reporting of flows. Flows shall be reported on the basis of actual measurement; provided, however, that where cost or feasibility considerations justify, the Township and/or the superintendent may accept reports of average and maximum flows estimated by verifiable techniques. The Township, for good cause shown considering such factors as local high or low flow rates, holidays, budget cycles, or other extenuating factors, may agree to alter the months during which the reports required by this subsection are to be submitted.

- b. If sampling performed by an industrial user indicates a violation, the user shall notify the Township and the superintendent within 24 hours of becoming aware of the violation. The user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the Township and the superintendent within 30 days after becoming aware of the initial violation unless the POTW samples the user's discharge.
 - c. All analyses shall be performed in accordance with procedures contained in 40 CFR 136 and amendments thereto or with any other test procedure approved by the Township, MEDQ or EPA. Sampling shall be performed in accordance with the techniques approved by the administrator. Where 40 CFR 136 does not include sampling or analytical techniques are inappropriate for the pollutant in question, sampling and analysis shall be performed using validated and analytical methods or any other sampling and analytical methods or any other sampling and analytical procedures, including procedures suggested by the POTW or the approval authorities.
 - d. If an industrial user monitors any pollutant more frequently than required by the Township, using the procedures prescribed in subsection 3(c) of this section, the results of that monitoring shall be included in the report.
4. *Slug loading.* A user shall notify the POTW immediately of all discharges that could cause problems at the POTW, including, but not limited to, any slug loading of the prohibitions in Section 6(A), and 40 CFR 403.5(b).
5. *Reporting Requirements for all Industrial Users.*
- a. Reporting requirements for industrial users' subject to federal categorical pretreatment standards are outlined in subsection (3) of this section.
 - b. Significant non-categorical industrial users shall submit to the Township and the superintendent at least once every six months, on dates specified by the Township, a description of the nature, concentration, and flow of the pollutants required to be reported by the Township. All sampling and

analysis will be in accordance with all applicable State and Federal regulations.

- c. The Township and the superintendent have the authority to require appropriate reporting from significant industrial users. Reporting requirements will be determined on a case-by-case basis.
 - d. All reports shall be based on sampling and analysis performed in the period covered by the report.
 - e. All industrial users shall notify the POTW, the EPA Region V waste management division director, the MDEQ, and the Township in writing of any discharge into the POTW of a substance which, if otherwise disposed of, would be a hazardous waste under 40 CFR 261. Reporting requirements shall be in accordance with 40 CFR 403.12(p).
 - f. All industrial users shall promptly notify the POTW and the Township in advance of any substantial change in the volume or character of pollutants in their discharge, including the listed or characteristic hazardous wastes for which the industrial user has submitted initial notification under subsection 3(c) of this section and 40 CFR 403.12(p).
 - g. All users with existing SPCC plans, PIPPs or slug discharge action plans as described in section 6(G) shall submit these plans to the Township and the superintendent by June 1 of each odd-numbered year for review along with proposed changes and other such information as requested by the Township or the control authority required to conduct such a review.
6. *Annual Reports.* Each person issued a wastewater discharge permit shall submit a signed annual discharge report to the Township and the superintendent. The Township may require a permit holder to submit more frequent reports if in its judgment the wastes discharged are possibly in violation of this Ordinance. The report shall include, but not be limited to, nature of process, volume, rates of flow, mass emissions, production quantities, hours of operation, personnel or other information that relates to the generation, handling and discharge of wastes. The report may also include the chemical constituents and quantity of liquid or gaseous material stored on site. If insufficient data has been furnished, other information will be provided upon request.
7. *Signatory Requirements for Reports.* Any industrial user submitting a report required by this section shall include the following certification statement as set forth in 40 CFR 403.6(a)(2)(ii):

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed

to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

The report shall be signed by an authorized representative (corporate officer, general partner, proprietor, or duly authorized representative, as noted in 40 CFR 403.12(1)).

N. Bypass; Notice.

1. Bypassing is prohibited and the Township and/or the superintendent may take enforcement action against a user for a bypass unless:
 - a. Such bypass was unavoidable to prevent loss of life, personal injury, or severe property damage,
 - b. There was no feasible alternative to the bypass. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent bypass which occurred during periods of equipment downtime or preventive maintenance; and
 - c. The industrial user submitted proper notice of the bypass.
2. The Township may approve an anticipated bypass, after considering its adverse effects, if the Township determines that it will meet the three conditions listed under subsection 1 of this section.
3. An industrial user shall submit oral notice of an anticipated bypass that exceeds pretreatment limits to the Township and the superintendent within 24 hours from the time the user becomes aware of the bypass. A written submission as described in 40 CFR 403.17(c) shall also be provided within five (5) days of the time the user becomes aware of the bypass.

O. Monitoring Facilities.

1. When required by the Township and/or the superintendent, each user shall provide and operate, at the user's own expense, a monitoring facility to allow inspection, sampling, and flow measurement of each sewer discharge. Each monitoring facility shall be situated on the user's premises, except that, where such a location would be impractical or cause undue hardship on the user, the Township may concur with the facility being constructed in the right-of-way area

provided that the facility is so located that it will not be obstructed by landscaping or parked vehicles. There shall be ample room in or near such sampling facility to allow accurate sampling and preparation of samples for analysis. The facility, sampling, and measuring equipment shall be maintained at all times in a safe and proper operating condition at the expense of the user.

2. All monitoring facilities shall be constructed and maintained in accordance with all applicable local construction standards and specifications.

P. Inspection and Sampling

1. *Access.* The Township and/or the superintendent may inspect the facilities of any user to ascertain whether the purpose of this Ordinance is being met and all requirements are within compliance. Persons or occupants of premises where wastewater is created or discharged shall allow the Township or their representative ready access at all reasonable times to all parts of the premises for the purposes of inspection, sampling, records examination or in the performance of any of their duties. Where a user has security measures in force which would require proper identification and clearance before entry into their premises, the user shall make necessary arrangements with their security guards so that upon presentation of suitable identification, personnel from the Township, MDEQ and EPA will be permitted to enter, without delay, for the purposes of performing their specific responsibilities under this Ordinance.
2. *Sampling and Inspection.* The Township, superintendent, MDEQ and EPA shall have the right to set up on the user's property such devices as are necessary to conduct sampling, inspection, compliance monitoring and/or metering operations.
3. *Annual Sampling.* The Township shall at its discretion conduct annual, or more frequent if required, independent compliance sampling of effluents generated by users identified as SIUs.

Q. Pretreatment.

Users shall provide necessary wastewater treatment as required to comply with this section and shall achieve compliance with all federal categorical pretreatment standards within the time limitations as specified by the federal pretreatment regulations. Any facilities required to pretreat wastewater to a level acceptable to the Township shall be provided, operated, and maintained at the user's expense. Detailed plans showing the pretreatment facilities and operating procedures shall be submitted to the Township and the superintendent for review, and shall be acceptable to the Township and the superintendent before construction of the facility. The review of such plans and operating procedures will in no way relieve the user from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the Township under the provisions of this ordinance. Any subsequent changes

in the pretreatment facilities or method of operation shall be reported to and be acceptable to the Township and the superintendent prior to the user's initiation of the changes.

R. Confidential Information.

All information and data on a user obtained from reports, questionnaires, permit applications, permits and monitoring programs and from inspections shall be available to the public without restriction, unless the user specifically requests the information be classified confidential on the basis of proprietary processes. When information is classified as confidential, the Township Clerk shall provide proper and adequate facilities and procedures to safeguard the confidentiality of manufacturing proprietary processes, except that confidentiality shall not extend to waste products discharged to the waters of the state. All records relating to compliance with pretreatment standards shall be made available to officials of the EPA or approval authority by request.

S. Enforcement; Violations & Penalties

1. *Affirmative Defense.* A user shall have an affirmative defense in any action brought against it alleging a violation of the general prohibitions in Section 6 and 40 CFR 403.5(a)(2).
2. *Injunctive Relief.* The Township shall obtain remedies for noncompliance by any industrial user with any pretreatment standard and requirement. All POTWs shall be able to seek injunctive relief for noncompliance by industrial users with pretreatment standards and requirements. ~~All POTWs shall also have authority to seek or assess civil or criminal penalties in at least the amount of \$500 per day for each violation by industrial users of pretreatment standards and requirements.~~ Each violation by industrial users of pretreatment standards and requirements shall be responsible for a municipal civil infraction. The fines and penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. For purposes of assessing fines and penalties only, a violation under this section shall be classified as a Class B municipal civil infraction. Each day upon which such violation occurs shall constitute a separate offense.
3. *Emergency Suspension of Service or Permit.*
 - a. The Township and/or the superintendent may suspend the wastewater treatment service and/or a wastewater discharge permit when such suspension is necessary, in the opinion of the Township and/or the superintendent, in order to stop an actual or threatened discharge which presents or may present an imminent or substantial endangerment to the health or welfare of persons or to the environment, causes interference to

the POTW or causes the POTW to violate any condition of its NPDES permit.

- b. Any person notified of a suspension of the wastewater treatment service and/or the wastewater discharge permit shall immediately stop or eliminate the contribution. In the event of a failure of the person to comply voluntarily with the suspension order, the Township and/or the superintendent shall take such steps as deemed necessary, including immediate severance of the sewer connection, to prevent or minimize damage to the POTW system or endangerment to any individuals. The Township shall reinstate the wastewater discharge permit and/or the wastewater treatment service upon proof of the elimination of the noncomplying discharge and upon concurrence with the superintendent. A detailed written statement submitted by the user describing the causes of the harmful contribution and the measures taken to prevent any future occurrence shall be submitted to the Township and the superintendent within 15 days of the date of occurrence.

4. *Revocation of Permit.* Any user who violates the following conditions of this section, or applicable state and federal regulations, is subject to having his permit revoked in accordance with the procedures of this section:

- a. Failure of a user to factually report the wastewater constituents and characteristics of its discharge;
- b. Failure of the user to report significant changes in operations, or wastewater constituents and characteristics;
- c. Refusal of reasonable access to the user's premises for the purpose of inspection or monitoring; or
- d. Violation of conditions of the permit.

5. *Notification of Violation.* Whenever the Township finds that any user has violated or is violating this Ordinance, its wastewater discharge permit, or any prohibition, limitation or requirements contained within, the Township shall serve or cause to be served upon such user a written notice, either personally or by certified or registered mail, return receipt requested, stating the nature of the alleged violation. Within 30 days of the date of receipt of the notice, the discharger shall respond personally or in writing to the Township, advising of its position with respect to the allegations. Thereafter, the parties shall meet to ascertain the veracity of the allegations and, where necessary, establish a plan for the satisfactory correction thereof.

6. *Show Cause Hearing.*

- a. The Township may order any user that causes or allows conduct prohibited by subsection L4 of this section to show cause before the Township or its duly authorized representative why the proposed service termination action should not be taken. A written notice shall be served on the user by personal service, or by certified or registered mail, return receipt requested, specifying the time and place of a hearing to be held by the Township or its designee regarding the violation, the reasons why the enforcement action is to be taken, the proposed enforcement action, and directing the user to show cause before the Township or its designee why the proposed enforcement action should not be taken. The notice of the hearing shall be served personally or by registered or certified mail not less than ten days before the hearing. Service may be made on any agent, officer, or authorized representative of a user.
- b. The Township Board may itself conduct the hearing and take the evidence or may designate any of its members or any officer or employee of the assigned department to:
 - (i) Issue in the name of the Township Board notices of hearings requesting the attendance and testimony of witnesses and the production of evidence relevant to any matter involved in such hearings;
 - (ii) Take the evidence
 - (iii) Transmit a report of the evidence and hearing, including transcripts and other evidence, together with recommendations to the Township Board for action thereon.
- c. At any hearing held pursuant to this section, testimony taken must be under oath and recorded stenographically. The transcript so recorded will be made available to any member of the public or any party to the hearing upon payment of the usual charges therefore.
- d. After the Township Board has reviewed the evidence, it may issue an order to the user responsible for the discharge directing that, following a specified time period, the sewer service be discontinued unless adequate treatment facilities, devices or other related appurtenances shall have been installed on existing treatment facilities, and that such devices or other related appurtenances are properly operated. Further orders and directive as are necessary and appropriate may be issued.

7. *Judicial Proceedings.* Following the entry of any order by the Township with respect to the conduct of a user contrary to the provisions of subsection 4 of this section, the Township attorney may, following the authorization of such action by the Township commence an action for appropriate legal and/or equitable relief in the appropriate local court.

8. *Publication of Violations.*

- a. The Township shall annually publish in the newspaper a list of users that, during the previous 12 months, were in significant noncompliance with applicable pretreatment standards or other pretreatment requirements. The notification shall also summarize any enforcement actions taken against the users during the same 12 months.
- b. For purposes of this subsection, an industrial user is in significant noncompliance if its violation meets either one or more of the criteria listed in 40 CFR 403.8(f)(2)(vii) or which:
 - (i) Remains uncorrected for 30 days after notification of noncompliance,
 - (ii) Resulted in the Township exercising its right to suspend service pursuant to subsection (c) of this section, or
 - (iii) Resulting in emergency suspension under §.3 of this section.

9. *Right of Appeal.* Any user or any interested party shall have the right to request in writing an interpretation or ruling by the Township on any matter covered by this Ordinance and shall be entitled to a prompt written reply. If such inquiry is by a user and deals with matters of performance or compliance with this section for which enforcement activity relating to an alleged violation is the subject, receipt of a user's request shall stay all enforcement proceedings pending receipt of the aforesaid written reply. Appeal of any final judicial order entered pursuant to this section may be taken in accordance with local and state law.

10. *Operations Upsets.* An upset shall constitute an affirmative defense to an action brought for noncompliance with categorical pretreatment standards.

- a. For the purposes of this section, "*upset*," means an exceptional incident in which there is unintentional and temporary noncompliance with categorical pretreatment standards because of factors beyond the reasonable control of the user. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment

facilities, lack of preventive maintenance, or careless or improper operation.

b. A user who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence, that:

(i) An upset occurred and the user can identify the cause(s) of the upset.

(ii) The facility was at the time being operated in a prudent and workmanlike manner in compliance with applicable operation and maintenance procedures.

(iii) The user submitted the following information to the POTW within 24 hours of becoming aware of the upset (if this information is provided orally, a written submission must be provided within five days). Including:

-- A description of the indirect discharge and cause of noncompliance.

-- The period of noncompliance, including exact dates and times, or, if not corrected, the anticipated time the noncompliance is expected to continue.

-- Steps being taken and/or planned to reduce, eliminate and prevent recurrence of the noncompliance.

c. In any enforcement preceding the user seeking to establish the occurrence of an upset shall have the burden of proof.

11. Violations; Penalties

a. *Violation or Noncompliance with Section or Wastewater Discharge Permit.* Any user who is found to have violated an order of the Township or who willfully or negligently failed to comply with any provision of this section or any orders, rules, regulations and permits issued under this section shall be guilty of a misdemeanor and, upon conviction thereof, be fined an amount up to \$500 and/or imprisonment for up to 90 days at the discretion of the court. Each day on which a violation shall occur or continue shall be deemed a separate and distinct offense. In addition to the penalties provided herein, the Township may recover reasonable attorneys' fees, court costs, court reporters' fees and other expenses of litigation by appropriate suit at law against the person found to have violated this Ordinance or the orders, rules, regulations, and permits issued hereunder. responsible for a

municipal civil infraction. The fines and penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. For purposes of assessing fines and penalties only, a violation under this section shall be classified as a Class B municipal civil infraction. Each day upon which such violation occurs shall constitute a separate offense.

- b. *Falsifying Information.* Any person who knowingly makes any false statement, representation or certification in any application, record, report, plan or other document filed or required to be maintained pursuant to this Ordinance, or a wastewater discharge permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this Ordinance, shall be ~~guilty of a misdemeanor and, upon conviction thereof, be fined an amount up to \$500 and/or imprisonment for up to 90 days at the discretion of the court.~~ Responsible for a municipal civil infraction. The fines and penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. For purposes of assessing fines and penalties only, a violation under this section shall be classified as a Class B municipal civil infraction.

T. Adjustments to Categorical Standards.

Any industrial user may seek an adjustment in the categorical pretreatment standards to reflect the presence of pollutants in the industrial user's intake water. The Township may allow a credit therefore in accordance with 40 CFR 403.15.

U. Removal Credits.

A credit may be allowed for the reduction in the amount of a pollutant in the POTW's effluent or alteration of the nature of a pollutant during treatment at the POTW. The reduction or alteration can be obtained by physical, chemical or biological means and may be the result of specifically designed POTW capabilities or may be incidental to the operation of the treatment system. Removal as used in this section shall not mean dilution of a pollutant in the POTW. The Township may allow a credit in accordance with 40 CFR 403.7.

V. Records Retention.

All users subject to this Ordinance shall retain and preserve, for no less than three years, any records, books, documents, memoranda, reports, correspondence and any and all summaries thereof, relating to monitoring, sampling and chemical analyses made by or on behalf of the user in connection with its discharge. A record which pertains to matters which are the subject of administrative adjustment or any other enforcement or litigation activities brought by the Township pursuant to this section shall be retained and presented by the user until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

Section 7.0. Use and Charges for Wastewater Treatment Plant.

A. Use of Public Sewers Required.

1. Except as otherwise provided herein, no person shall construct, maintain, or use any cesspool, septic tank, seepage pit, toilet device, sub-surface disposal field, privy, privy vault, sewage disposal facility, or any other facility or device intended or used for the disposal of sewage unless the same is not dangerous to public health and public sanitary sewer system capacity is unavailable and is specifically permitted and approved by the Township, Livingston County Health Department, and, where appropriate, the DEQ and/or MDPH.
2. It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner upon public or private property within the Township, or in any area under the jurisdiction of the Township, any human or animal excrement, garbage, or other objectionable waste unless such deposits are in compliance with Township ordinance.
3. It shall be unlawful to discharge to any natural outlet within the Township, or in any area under the jurisdiction of the Township, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with the provisions of this section.
4. *Mandatory Connections*
 - a. *New and existing structures located within sewer special assessment districts (SSAD).* Any existing structure located within a special assessment district created for the purpose of building and/or maintaining a sanitary sewer shall connect to the available sanitary sewer within twelve (12) months after publication by the Township of a legal notice of the availability of the sanitary sewer in a newspaper of general circulation in the Township and/or by individual notice. Connection for any new structure must be made prior to the time the structure is occupied.
 - b. *Existing structures not located within sewer special assessment districts (SSAD).* Any existing structure shall connect to the sanitary sewer after publication by the Township of a legal notice of the availability of the sanitary sewer in a newspaper of general circulation in the Township and/or by individual notice. For purposes of this section, a sanitary sewer shall be considered to be available when it is located not more than four hundred feet (400') at the nearest point from the structure. All existing structures shall connect upon the earlier of the occurrence of the following ~~three~~ events:

- (i) In the case where on-site sewage disposal exists for which no permits were issued by the LCHD, DEQ, and/or MDPH, connections must be made immediately.
 - (ii) Whenever any modifications to or replacement of any on-site sewage disposal systems that requires the issuance of a permit through LCHD, DEQ, and/or MDPH.
 - c. *New structures not located within sewer special assessment districts (SSAD).* Any new structure shall connect to the available public sanitary sewer when the structure is located not more than four hundred feet (400') from the nearest point from the available sanitary sewer. All connections must be made prior to the time the structure is occupied.
 - d. If any structure in which sewage originates has not been connected to an available sanitary sewer within the applicable time periods specified herein, then the Township shall require the connection to be made in accordance with Section 12754 of Part 127 of Public Act No. 368 of 1978, as amended (MCL 127.12754). In so proceeding, the Township shall have the rights and remedies provided for therein, shall have the right to begin billing for sewer operations and maintenance, as well as the rights and remedies provided by this Ordinance.
5. An existing on-site building sewer may be used in connection with a new building and premises only where it is found, on inspection by the Township, to be of adequate construction, size, and location, and is not otherwise required to be connected to an available public sanitary sewer according to the terms of this Ordinance.
6. Connection to or extension of an existing sanitary sewer shall not be permitted if it is determined that the receiving sewer or treatment plant cannot handle the additional influent flow.

B. Private Sewage Disposal; Permit; Fee.

1. If a house, building, or other premises used for human occupancy, employment, recreation or other purposes is not required to be connected to a sanitary sewer, then the building sewer shall be connected to a private sewage disposal system permitted and approved by the Township, Livingston County Health Department and, where appropriate, the DEQ and/or MDPH. Private sewage disposal systems shall not allow surface water discharge.
2. At such time as a Public Sewer becomes available to a property served by a private sewage disposal system, a direct connection shall be made to the Public Sewer in

compliance with all terms and conditions of state statutes or pertaining Township ordinances.

3. The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times at no expense to the Township.
4. At such time as a connection is made to a sanitary sewer, all private sewage disposal facilities shall be disconnected and abandoned. All abandoned septic tanks, cesspools, and seepage pits shall be pumped out as necessary and filled with sand or other suitable backfill material approved by the state and local agencies within fifteen (15) days of connection to the Public Sewer.
5. The provisions of this section shall not be construed to preclude additional requirements that may be imposed by the DEQ, MDPH, Health Department, or Township.

C. Building Sewers and Connections.

1. No unauthorized person shall uncover, make any connections with or openings into, use, alter or disturb any Public Sewer or appurtenance thereof without first obtaining a written permit from the Township pursuant to this ordinance.
- ~~1.2.~~ An inspection fee and a connection fee per unit as established by the Township Board shall be paid to the Township Treasurer whenever an application is filed to connect any building sewer to a Public Sewer. Application shall be made on the form by the Township. The inspection fee shall be deposited in the sewer enterprise fund. The payment of inspection and connection fees as stated in *Section 7(H)* shall be made when a building permit is obtained in conjunction with the connection.
- ~~2.3.~~ All costs and expenses incident to the installation, connection and maintenance of the building sewer up to and including its point of connection to the Public Sewer shall be borne by the owner. The owner shall indemnify the Township from any loss or damage that may directly be caused by installation, connection, or maintenance of the building sewer.
- ~~3.4.~~ A separate and independent building sewer shall be provided for every building; except that, where one building stands at the rear of another and no private sewer is available or can be constructed to the rear building through an adjoining alley, court, yard or driveway, the building sewer from the front building may, at the discretion of the Township, be extended to the rear building and the whole considered as one building sewer.
- 4.5. The size, slope, alignment, materials of construction of a building sewer, and the methods to be used in excavating, placing of the pipe, jointing, testing and

backfilling the trench, shall all conform to the requirements of the building and plumbing codes or other applicable rules and regulations of the state and the Township. In the absence of code provisions or in amplification thereof, the materials and procedures set forth in appropriate specifications of the A.S.T.M. and W.E.F. Manual of Practice No. 9 shall apply.

5-6. Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. In all buildings in which any building drain is too low to permit gravity flow to the Public Sewer, sanitary sewage carried by such building drain shall be lifted by an approved means and discharged to the building sewer.

6-7. No person shall make connection of roof downspouts, exterior foundation drains, areaway drains or other sources of surface runoff or groundwater to a building sewer or building drain that, in turn, is connected directly or indirectly to a public sanitary sewer.

7-8. The connection of the building sewer into the Public Sewer shall conform to the requirements of the building and plumbing codes or other applicable rules and regulations of the state and the Township, or the procedures set forth in appropriate specifications of the A.S.T.M. and the W.E.F. Manual of Practice No. 9. All such connections shall be made gastight and watertight. Any deviation from the prescribed procedures and materials shall be approved by the Township before installation.

8-9. The applicant for the building sewer permit shall notify the Township when the building sewer is ready for inspection and connection to the Public Sewer. The connection shall be made under the supervision of the Township or its authorized representative. No backfill shall be placed until the work has been inspected and approved by the Township.

9-10. All excavations for building sewer installations shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Township.

D. On-Lot Easement Requirements.

Prior to the approval and issuance of a Service Connection permit, the applicant will be requested to have executed by the Owner(s) of record for the premises to be connected, an easement in a form provided by the Township granting permission to the Township to operate, maintain, repair and replace the Sewer Connection to be installed on the premises.

1. If the applicant provides such easement, then the Township shall provide, at its cost, all needed repairs, operation, maintenance and replacement of the Service Connection in accordance with this Ordinance.
2. If the applicant, for any reason declines to provide said easement, then the permit shall be issued at the discretion of the Township, together with an appropriate bill of sale conveying from the Township to the Owner title to all components comprising the Service Connection. Following installation of the Service Connection by the Owner (which installation is subject to inspection by the Township in accordance with the terms of this Ordinance), the Owner shall, at his or her expense, repair, operate, maintain and replace the Service Connection in accordance with Section 7(F) below.
3. An owner or his or her successor may, at any time following the installation of a Service Connection on a premise for which no easement was provided to the Township prior to the issuance of a permit, grant the appropriate easement to the Township. The Township shall accept said easement and assume the responsibility for repair, operation, maintenance and replacement provided that the Township has inspected the Service Connection and is satisfied that the Service Connection is in good working order, reasonable wear and tear excepted.

In the event such inspection reveals that the Service Connection has not been properly maintained or that the condition of the Service Connection has deteriorated beyond reasonable wear and tear, the Township may condition its acceptance of the easement and assumption of the financial responsibility for operation, maintenance and repair and replacement of the Service Connection upon:

- (i) appropriate repairs of the Service Connection at the expense of the Owner,
- (ii) replacement of the Service Connection or individual components thereof at the expense of the Owner or
- (iii) such other conditions as the Township, in the exercise of its reasonable judgment, deems appropriate.

The acceptance of the easement by the Township shall be accompanied by an executed Bill of Sale by the Owner conveying the Service Connection to the Township.

4. Section 7(D) shall not apply to any premises for which the installation of the Service Connection was made by a contractor engaged by a Developer or the Township pursuant to any Agreement addressing all sewer issues or any future supplement or amendment thereto, it being the assumption in these

circumstances that the Owner granted an appropriate easement through the development project's Master Deed and Bylaws prior to said installation.

E. Use of Public Sewers.

1. No person shall discharge or cause to be discharged to any sanitary sewer any storm water, surface water, groundwater, roof runoff, subsurface drainage, cooling water, unpolluted air conditioning water, or industrial process water. Discharge of backwash from water conditioning devices shall not be discharged into the sanitary sewer system. No footing drain, roof downspout, areaway drain, or other source of surface water or groundwater shall be connected to a sanitary sewer. All footing drain water shall be discharged to storm sewers or dry wells. Storm water and all other unpolluted drainage shall be discharged to sewers specifically designated as storm sewers, or to a natural outlet approved by the DEQ. The discharge of cooling water or uncontaminated industrial process water shall only be permitted when authorized and approved by the DEQ and the Township in accordance with this Ordinance.
2. No person shall discharge or cause to be discharged into any sanitary sewer any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of three-fourths horsepower or greater shall be subject to the review and approval of the DPW field superintendent.
3. No person shall discharge or cause to be discharged into any sanitary sewer materials that exert or cause unusual concentrations of inert suspended solids, such as but not limited to fuller's earth, lime slurries, and lime residues, or of dissolved solids, such as but not limited to sodium chloride and sodium sulfate. All ~~commercial~~ users shall be required to utilize a potassium based softening agent; salt or sodium based regenerates are prohibited.
4. The property owner, or an approved contractor hired by the owner, must disconnect all backwash discharge lines, including but not limited to water softeners, air conditioning units, water processing or conditioning equipment, storm drains etc., from the building sewer. The following are some (not all) methods of disposing of water softener discharge:
 - a. Run the discharge line to the outside and let the water run onto the ground.
 - b. Install a below-ground infiltration basin (drywell): Bury a container in the ground, fill it with stone or sand, and run the discharge line to the container. Drill holes in the container to allow the water to seep into the surrounding soil. A sump pump tub, which ranges in size from 15 to 24

Commented [TR6]: I've changed to All users

Commented [DH7]: Not ALL users? In my cursory review I didn't see where this language covered Residential users and I thought that was the case. Just wanted to point it out just in case the word "Commercial" should be removed in this clause to clarify.

inches in diameter to 2 to 4 feet in depth, is an example of a container that could be used.

- c. Convert an existing septic tank: Pump out and clean your existing septic tank, break holes in the bottom of the tank and fill the tank with stone. Disconnect and plug the outlet pipe to the tile field to prevent groundwater from flowing back into the tank.
5. If any waters or wastes are discharged or are proposed to be discharged to the Public Sewers, which waters contain the substances or possess the characteristics which in the judgment of the Township and/or the superintendent may have a deleterious effect upon the POTW, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Township and/or the superintendent may:
- a. Reject the wastes.
 - b. Require pretreatment to an acceptable condition for discharge to the Public Sewers.
 - c. Require control over the quantities and rates of discharge.
 - d. Require payment to cover the added cost of handling and treating wastes not covered by existing taxes or sewer charges.

If the Township permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the requirements of all applicable codes, ordinances, and laws.

6. Where the preliminary treatment or flow equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.

F. Construction, Repair and Maintenance.

1. ***Application.*** Any person desiring to connect to the POTW shall file a written application to the Township Clerk and pay the applicable permit and inspection fees established by resolution of the Township Board.
2. ***Permit Required.*** No person in the Township shall connect to a Public Sewer unless the proposed connection has first been approved by the Township or its designated representative and the applicable fees have been paid. Such applications shall be addressed to the Township and shall be made on forms provided by the Township and shall contain the following: street name, house number, lot number, the name of the plumber or contractor, the names of the

applicant and the owner, and any other pertinent information which may be required by the Township. A complete application must be made, the applicable fees paid, and approval obtained from the Township at least seventy-two (72) hours before the time a connection is to be made. Connection permits will be issued to Builders if the prospective lessee or owner consents in writing to the obtaining of such permit by the Builder.

3. Public Sewer connections shall be installed in accordance with the applicable building code and the regulations of this Ordinance and upon the payment of the required charges and fees.
4. The owner of building or premises, or his authorized representative, shall be responsible, at his own cost, for the installation, connection and maintenance of the building sewer for such building or premises up to and including its connection with the Public Sewer.
5. *Owner Related Sewer Repairs.* The Owner and, where appropriate, his authorized representative, shall indemnify and hold the Township, its officers, agents, employees, and representatives free and harmless from any liability or responsibility for all injury, loss or damage that may result directly or indirectly from any damages resulting from the Owner's negligence or misuse of the HTSSS as follows:
 - (i) Costs incurred by the Township resulting from increasing numbers of sewer emergency calls for owner related sewer repairs, including but not limited to, building sewer pipe blockages, shut-off power breakers.
 - (ii) The Township shall otherwise be authorized to recoup all costs and expenses associated with sewer emergency calls for Owner related operation and/or maintenance services.
 - (iii) If the Township provides repairs or services, the Owner shall be responsible for the full and prompt reimbursement to the Township for all Township DPW staff time, costs, labor, and/or materials incident to said operation and maintenance plus a 10% administration fee.

Pursuant to the authorization to charge Owners for costs and expenses incurred in providing services for owner related sewer repairs the following collection procedures shall apply:

- a. The DPW field superintendent shall prepare an invoice outlining the charges, including labor, materials, and a 10% administrative fee, resulting from DPW staff services provided for owner related sewer repairs. Upon

approval, the invoice shall be forwarded to the property owners with a copy filed with the Utilities Coordinator.

- b. Invoices for owner related sewer repairs shall be due and owing within 30 days from the date of issuance of the billing statement. If payment is not made within the allotted time a reminder letter shall be sent stating the bill is past due and that failure to submit payment within 30 days may result in the shut-off of sewer service.
- c. Upon receipt of the invoice, the Owner may report any disagreements or objections related to the invoice to the Utilities Director within 7 days of delivery of the billing statement.
- d. The Utilities Director shall investigate the owner disputed charges with the DPW personnel to determine if charges are correct and will stand as billed or if a reduction or amendment of the fees is warranted. If the charges are reduced or amended a new invoice will be issued to the Owner.
- e. If the Owner is not satisfied with the determination made by the Utilities Director they shall have the right to appeal the sewer repair charges to MUC. The Utilities Director shall forward all documentation to MUC for their review and recommendation to the Board of Trustees.
- f. If the Township Board of Trustees determines that the Owner is responsible for the sewer repair costs, the Owner shall reimburse the Township for said expenditures immediately. Failure to pay the invoice for Owner related charges may result in sewer service being shut-off. The Owner shall be responsible for all cleanup costs or expenses associated with the sewer service disconnection, and will be subject to and must pay all costs relating to any startup of the system associated with the re-activation of sewer service.
- g. Any unpaid charges or costs for such repairs, operation or maintenance may, at the option of the Township Board, be added to the ad valorem tax bills of the property benefitted by the said Township repairs or services.

G. Township Liability Exemption; Indemnification.

- 1. The Township shall not be responsible for interruptions of service because of natural calamities, equipment failures, or actions of the system users. It shall be the responsibility of the user that all connected equipment remains in good working order. No claim shall be made against the Township by reason of the breaking away of any service supply lines, pipes, appurtenances, or for any other interruption of the wastewater disposal and treatment.

2. The user and, where appropriate, his authorized representative, shall indemnify and hold the Township, its officers, agents, employees, and representatives free and harmless from any liability or responsibility for all injury, loss, or damage that may result directly or indirectly from the installation, connection or maintenance of the building sewer.

H. Rates and Charges

1. Connection Fee

- a. Before an initial connection is made or additional usage resulting from building alterations or change in building usage is added to a Public Sewer, a fee known as the sewer connection fee shall be paid to the Township Treasurer. The connection fee shall be established by Township Board resolution referred to as "Appendix 1 Table of Unit Factors" of the Wastewater Treatment and Administration Ordinance-69. REU(s) shall be defined as one (1) REU is equivalent to One Hundred Fifty (150) gallons per day.
- b. In addition to the Connection Fee, the Owner of the premises shall be liable for the costs and expenses of acquiring and installing the Service Connection pursuant to Township specifications on file at the Township.
- c. Subject to the provisions of Section 7(H)(1)(d)(REU computation provision), those parcels located in a sewer special assessment district and subject to a full special assessment on the special assessment roll shall be deemed to have paid the connection fee and, if applicable, the cost of acquiring and installing the service connection.
- d. Determination of Residential Equivalency Unit
 - (i) A single-family residential building shall constitute a dwelling unit and shall be charged a minimum connection fee of one REU. Premises other than a single-family residential unit shall pay a connection fee based upon the number of REUs assigned to such premises by Appendix 1 Table of Unit Factors.
 - (ii) Upon connection to the system, a non-residential user shall have a water meter, of the size and type approved by the Township, installed on the user's water supply. The user shall purchase the meter through the Township. The cost of both the meter and the installation shall be paid for by the user with the installation to be made by the user and approved by the Township. Wiring the meter to an electronic touchpad shall be included as part of the water meter installation and will also be subject to Township

Commented [DH8]: Recommend reference by Title, not number since the new Ordinance number will officially be 69H. The other thing we may be able to do is add a clause that will allow for us to reference it also as 69 – “commonly known as” type thing

approval. User will have 30 days to comply with this Ordinance after receiving notice from the Township. Users who fail to receive Township approval for their water meter installation shall receive a written warning for their first offense. ~~The Township will levy a \$100 per day fine for all subsequent offenses. If, after ninety (90) days of fines, Township approval is still not met, sewer services shall be disconnected. The user shall be responsible for all reconnection costs.~~ All subsequent offenses will be responsible for a Class B municipal civil infraction. The penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. If, after ninety (90) days of civil infractions, Township approval is still not met, sewer services shall be disconnected. The user shall be responsible for all reconnection costs.

After two (2) years of meter readings have been obtained, the REUs assigned to the premises, in accordance with this Section, shall be recalculated based on said meter readings using an equation, the numerator of which shall be the meter readings, in gallons, for the twenty-four (24) month period and the denominator which shall be one hundred and eight (**108**) thousand gallons. The resulting number of REUs shall be multiplied by the requisite connection fee, direct or indirect, to determine any adjusted connection fee for the premises. The number of REUs shall not be less than the number of REUs originally assigned and the original connection fees will not be adjusted. The subsequent operation and maintenance (O & M) rate shall be adjusted to the new REU allocation.

The Township may enter into an agreement with a non-residential user to pay additional connection fees in installments pursuant to the terms of a written agreement to be entered between the Township and said user(s) providing for annual installment payments to the Township for a period of time not to exceed fifteen (15) years or extend beyond the period of debt retirement, whichever is earlier, with interest on the unpaid balance at a rate not more than one percent (1%) higher than the average rate of interest on the bonds sold for the initial construction of the System. Said agreement shall be executed and the first installment shall be payable prior to the issuance of a service connection permit pursuant to Section 7(F), above. All subsequent installments shall be paid according to the terms agreed upon by the parties.

- (iii) For any subsequent enlargement, addition, extension or improvements to any structure or change of use of the building, the Township may require a review and redetermination of the REUs for that structure. Upon finding by the Township after such REU review and redetermination that additional connection fees are required, the owner shall immediately pay the required additional fees.
- (iv) All SRU buildings and/or structures shall pay a connection fee based upon the number of REUs assigned to such premises as set forth by Appendix 1 Table of Unit Factors. All SRUs shall be charged a minimum connection fee of at least one REU. No food service facilities, i.e., kitchens, cooking areas, etc. will be allowed in a building or structure designated as seasonal recreational use.
- (v) Upon connection to the HTSSS, all SRU buildings shall have a water meter, of the size and type approved by the Township, installed on the user's water supply. The user shall purchase the meter through the Township. The cost of both the meter and the installation shall be paid for by the user with the installation to be made by the user and approved by the Township. Wiring the meter to an electronic touchpad shall be included as part of the water meter installation and will also be subject to Township approval. User will have thirty (30) days to comply with this provision after receiving notice from the Township. If after ninety (90) days, Township approval is still not met, sewer service shall be disconnected. The user shall be responsible for all reconnection costs.

Water meters shall be read on a quarterly basis by the DPW staff during the peak seasonal use times for the property utilizing the electronic touchpad on the outside of the building. After two (2) years of peak seasonal use meter readings have been obtained, based upon the intended seasonal recreation use, the REUs assigned to the premises, in accordance with [Ordinance #69](#) the Wastewater Treatment and Administration Ordinance, shall be re-determined based on said meter readings.

Upon review and determination that additional connection fees are required based upon the water meter readings, the owner shall immediately pay the required additional fees. The number of REUs shall not be less than the number of REUs originally assigned, and the original connection fees will not be adjusted.

Commented [DH9]: See prior comment on referencing 69

(vi) Non-residential users, including seasonal recreation use buildings and structures, upon connection to the sewer system shall be required to install a Duplex (~~Model 2014-93~~) grinder pump station. All users shall have a grinder pump station, of the size and type approved by the Township, installed on the user's premises. The user shall purchase the grinder pump station through the Township. In the event that the hook-up to the HTSSS can be made by connecting into an existing curb stop with check valve, the property owner shall have the option to hire a Township approved contractor to complete the sewer connection, provided the contractor used is on the Township's approved list of who can qualify for training, at the contractor's own expense, with the Township Engineer and DPW Field Superintendent. If it is determined by the DPW Field Superintendent and Township Engineer that the sewer connection will require tapping into a live sewer main or transmission line, the user will be required to hire a Contractor from the Township's approved list that is authorized and approved by the DPW Field Superintendent and the Municipal Utilities Committee. Contractors performing live main sewer taps shall be required to uphold all insurance and warranty assurances as established by the Township.

(vii) Permitted SRUs already connected to the Hamburg Township Sanitary Sewer System (HTSSS) upon adoption of this Ordinance that currently have a Simplex (Model 2010-93) grinder pump station will be reviewed by the Hamburg Township Municipal Utilities Committee. If it is determined by the DPW staff that the water meter readings in a peak quarterly period do not exceed one (1) REU for water usage for the property a Simplex grinder pump station shall be deemed acceptable and the SRU will not be required to convert to a Duplex grinder pump station. If it is determined that actual water usage does exceed one (1) REU during peak seasonal usage the SRU will be required to install a Duplex grinder pump station at the user's expense.

e. Administrative Appeal of Sanitary Sewer REU Determination

Except for REU allocations which are a part of a proposed or established Special Assessment District, every property owner has a right to an administrative appeal of the initial Sewer Residential Equivalent Unit (REU) determination and allocation made by the Township Board. Appeals of such determination or allocation shall be submitted to the Municipal Utilities Committee (MUC). Only owners of property affected by such a determination or allocation have standing to file the Appeal. Any action taken by MUC is

Commented [TR10]: Duplex is fine

Commented [DH11]: Suggest a more generic reference? Will these change in the next couple of years?

advisory in nature and shall be re-submitted to the Township Board for a final determination as provided below:

~~(i)a.~~ The Appeal must be by an owner, or an owner's authorized agent, within 30 days from the date of the initial Township Board REU determination or allocation for which the appeal is filed. The appeal must be based on certified Engineer's letter of review of the determination or allocation stating the reasons why the determination or allocation is being disputed as well as any other documentation that is relative to the appeal including the current REU schedule, evidence of actual maximum usage, metering where appropriate or required, the economic life of the Sanitary Sewer System, the uses or classes of uses involved, the history of the use of the property in the community and similar communities together with any rates, policies or fees of similar communities, and any and other data deemed relevant to make a recommendation or determination, all of which must be submitted with the application for appeal. Failure to file a timely appeal will result in the Owner's acquiescence to the REU allocation and the owners shall be deemed to have consented to the allocation.

~~1.~~

~~b.~~ (ii). Upon receipt of the application for appeal, MUC shall fix a hearing date for the appeal. The date shall be scheduled within 60 days from the date of the filing of the notice of appeal. The hearing shall comply with the Open Meeting Act. MUC shall make its recommendation no later than 90 days after the appeal has been filed. However, MUC may extend the time required for the recommendation up to 60 days by a decision of a majority of the members of MUC. The extension must be based upon good cause shown and any decision for such an extension shall state the reasons the extension was granted.

~~(iii)c.~~ Minutes of all such meetings shall be recorded and state the grounds for each recommendation made by MUC, including any evidence and data considered and a brief summary of all findings of fact and conclusions made by MUC. Claims of economic hardship shall not be considered by MUC in making its recommendation. The recommendation shall be forwarded to the Township Board of Trustees for final approval of the REU allocation and any issues relating thereto.

~~(iv)d.~~ The recommendations of MUC shall be submitted to the Township Board which shall make a final decision on the REU

determination and allocation for which the appeal was filed. This decision may confirm, reverse or modify the original determination or allocation. This Township Board may also impose additional conditions relating to the said REU determination and allocation. The action taken by the Township Board is final. Any appeals from the decision must be made to a Court with proper jurisdiction.

~~(v)~~e—Upon any enlargement, addition, expansion or improvements to any structure or property, or change of use of the building, the Township may require a new review and determination of the REU's. In the event the Township determines additional REU's are in order, additional connection fees and any costs or expenses related to the REU determination shall be paid in full upon Township approval of said enlargement, addition, expansion or improvement.

f. Hardship Deferment

The owner or owners of a single-family residence, in which residence said owner or owners reside and upon which a connection fee has been imposed, may submit a hardship application to the Township seeking a deferment in the partial or total payment of the connection fee provided for herein, based upon a showing of financial hardship, in accordance with the criteria established for granting such deferment by the Township Board from time to time, subject to and in accordance with the following:

~~(i)~~ The owner(s) of the premises shall, under oath, complete a hardship application, provided by the Township Board, and file said application, together with all file information and documentation reasonably required by the Township, with the Township Board not less than sixty (60) days prior to the due date of any connection fee. An application shall be completed and filed by each and every legal and equitable interest holder in the premises, excepting financial institutions having only security interests in the premises.

~~2-~~(ii) Hardship applications shall be reviewed by the Township Board, and after due deliberation of hardship applications, the Township Board shall determine, in each case, whether there has been an adequate showing of financial hardship, and shall forthwith notify the applicants of said determination.

~~3-~~(iii) An applicant aggrieved by the determination of the Township Board may request the opportunity to appear before the

Township Board in person for the purpose of showing hardship and presenting any argument or additional evidence. A denial of hardship following such a personal appearance before the Township Board shall be final and conclusive.

4-(iv)—In the event that the Township Board makes a finding of hardship, the Township Board shall fix the amount of partial or total deferment of the connection fee, and in so doing, shall require an annual filing of financial status by each applicant, providing that upon a material change of financial status of an applicant, said applicant shall immediately notify the Township Clerk so that a further review of the matter may be made by the Township Board, and provided further that the duration of the deferment granted shall be self-termination upon the occurrence of any one of the following events:

- a. A change in the financial status of any applicant that removes the basis for financial hardship;
- b. A conveyance of any interest in the premises by any of the applicants, including the execution of a new security interest in the premises or extension thereof;
- c. A death of any of the applicants.

5-(v) Upon a determination of the Township Board deferring all or part of the connection fee, the owners of the premises shall, within one month after such determination, execute and deliver to the Township as the secured party a recordable security instrument covering the premises, guaranteeing payment of the deferred amounts upon the occurrence of any of the events set forth in Section 7(H)(1)(e)(iv) above. Said security interest shall guarantee payment of an amount necessary to cover all fees and charges deferred and all costs of installation and connection, if applicable, the consideration for said security interest being the grant of deferment pursuant to this Ordinance.

2. User Charges

User charges shall be charged to each user serviced for the privilege of discharging sanitary sewage and industrial wastes into the wastewater treatment system according to one of the following methods:

- a. Where a meter is installed, one hundred percent (100%) of metered (owner shall install at his expense) water consumption.

- b. Where no meter is installed in accordance with the REU rate established by the Board by resolution and according to the number of REUs established in Appendix 1 Table of Unit Factors of [Ordinance 69, the Wastewater Treatment and Administration Ordinance](#).

Commented [DH12]: Suggest reference by title not number.

c. Establishment of Rates

(i) ~~1.~~—In accordance with the provisions of Ordinance No. 69, user charge rates shall be established by the Township Board. The Township Supervisor may present to the Township Board appropriate user charge rates during budget preparation to ensure that adequate revenues are generated to pay the costs of operation, maintenance, and replacement for the sewage treatment facility so that the system continues to provide for the proportional distribution of operation, maintenance and replacement costs among users and user classes.

(ii) ~~2.~~—User rates shall be established by the Township Board by a separate rate resolution for user charges based on water meter flow or sewer meter flow. Surcharge rates for high strength users shall also be established.

(iii) ~~3.~~—In the event the Township Board shall alter any rate, the Township Clerk shall cause each user to be notified, by publishing such notice in a newspaper of general circulation in the Township, of the separate rate being charged for operation, maintenance and replacement costs of the sewage treatment facility.

3. Debt Service Charges

- a. Debt service charges, if applicable, shall be developed and established by the Township Board in accordance with [Ordinance 69, the Wastewater Treatment and Administration Ordinance](#).
- b. The Township may review the debt service charges annually and revise the charges and rates as necessary to ensure that adequate revenues are generated to pay the costs of the debt service for the wastewater treatment plant.
- c. In the event the Township Board shall alter the rate, the Township Clerk shall cause each user to be notified by publication in a newspaper of general circulation in the Township of the separate rate being charged for debt service for the wastewater treatment plant.

Commented [DH13]: Suggest referring to this by title not number

4. *Service Charges Constitute Lien on Property*

Charges for wastewater treatment plant operation and maintenance service shall constitute a lien on the property served. On or before March 1 of each year, the officer in charge of collection of such charges shall prepare a certified statement of all charges then six (6) months past due and unpaid. The Treasurer shall then place such charges on the next general tax roll and such charges shall be collected as part of the general Township taxes.

5. *Discontinuing Service; Shutoff, Turn-on Charges*

The Township shall have the right to discontinue wastewater treatment plant service for nonpayment of the service charges or for refusal of the owner or occupant of premises to install a meter. Where the owner or occupant of premises subject to the installation of a meter refuses to install a meter, the Township may, at the discretion of the Township Supervisor, if wastewater service is not discontinued during a particular period of time, charge a flat rate for wastewater service as established by the Township, and if such sum is not paid, it shall constitute a lien on the premises and shall be added to the tax rolls. If wastewater service is shut off pursuant to the terms of this division, a shutoff charge and a turn-on charge as established by the Township shall be collected in addition to the amount of the delinquent wastewater service charge before the wastewater service is turned on.

Section 8.0. Violation – Penalties & Enforcement

In addition to the other penalties as provided in this Ordinance, any person violating any of the provisions of this Ordinance shall be responsible for a municipal civil infraction. The fines and penalties as set forth in Section 6.0 entitled “Sanctions for Violations” of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. For purposes of assessing fines and penalties only, a violation under this section shall be classified as a Class B municipal civil infraction. Each day upon which such violation occurs shall constitute a separate offense.

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Section 9.0. Savings Clause

That nothing in this Ordinance hereby adopted be construed to affect any just or legal right or remedy of any character nor shall any just or legal right or remedy of any character be lost, impaired or affected by this Ordinance.

Section 10.0. Repealer

Ordinance Number 65, Sewer Usage and Administration Ordinance, effective May 1, 1996, and [Ordinances 69, 69A, 69B, 69C, 69D, 69E, 69F, 69G, Wastewater Treatment and Administrative Ordinance, originally adopted May 5, 2000, including all their ~~its~~ amendments](#) are hereby repealed in ~~its~~[their](#) entirety [and replaced by Ordinance Number 69H.](#)

Section 11.0. Severability

The various parts, paragraphs, sections and clauses of this Ordinance are declared to be severable. If any part, sentence, paragraph, section or clause is adjudged unconstitutional or invalid by a court of competent jurisdiction, the remainder of the Ordinance shall not be affected.

Section 12.0. Adoption and Effective Date

This Ordinance is hereby declared to have been adopted by the Hamburg Township Board at a meeting thereof duly called and held on the ~~21st day of April 2009~~[\(include meeting date\)](#), and ordered to be given effect thirty (30) days after its first publication as mandated by statute.

Certification

I, ~~Matthew Charles Skiba~~ [Mike Dolan](#), duly elected Clerk of Hamburg Township, Livingston County, Michigan, do hereby certify that the foregoing Hamburg Township Wastewater Treatment and Administration Ordinance was adopted at a regular meeting of the Hamburg Township Board held on ~~April 21st, 2009~~[\(Meeting date\)](#) at which the following members were present:

Ayes: [Hohl, Skiba, Evon, Menzies, Semprevivo, Dolan, Hahn](#)
Nays: None
Abstain: None

~~Matthew Charles Skiba~~ [Mike Dolan](#), Township

Clerk

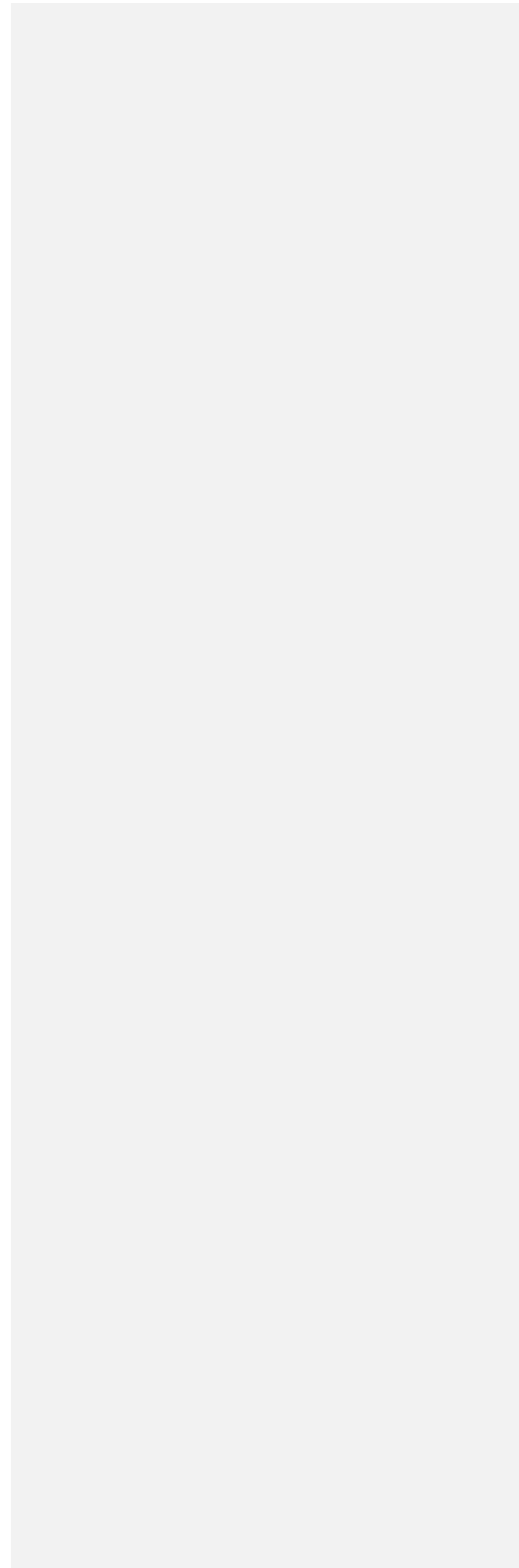
Date passed: ~~April 21, 2009~~
Publication date: ~~May 13, 2009~~
Effective date: ~~May 13, 2009~~

HAMBURG TOWNSHIP

SCHEDULE 1

CURRENT RATES AND CHARGES
FOR THE RESPECTIVE SEWER
DISTRICTS IN THE SYSTEM

REVISIONS HIGHLIGHTED IN BOLD



**APPENDIX 1
TABLE OF UNIT FACTORS**

Usage	Residential Equivalent Unit Factor
Auto Dealer – Sales and/or Service	1.00/premise + 0.40/1000 ft ²
Auto Repair/Collision Body Shop	1.00/premise + 0.40/1000 ft²
Bakery	1.25/1000 ft ²
Bank	0.25 per employee station
Bar	2.00/1000 ft ²
Barber Shop	1.00/shop + 0.10/chair
Beauty Shop	1.00/shop + 0.10/booth
Bed and Breakfast	1.00/premise + 0.20/guest
Boarding House, Boarding School, Dormitory, Fraternity or Sorority House, etc.	1.00/premise + 0.20/bedroom
Bowling Alley and/or Restaurant	0.16/alley (bar and/or restaurant To be computed at its respective residential equivalent)
Car Wash – Do It Yourself	1.00 per stall
Car Wash – Automatic Non-Recycled	10.00/single production line
Car Wash – Automatic.... Recycled	5.00/single production line
Churches	0.20/1000 ft ²
Cleaners (pick-up only)	1.00/shop
Cleaners (pressing facilities)	1.25/press
Convalescent Home	0.22/bed
Country Club/Health Center	1.50/1000 ft²
Day Care Center	1.00/premises + 0.25/1000 ft ²
Drug Store, Dime Store (with fountain service)	1.0 + 0.1 per seat
Factory (exclusive of industrial waste)	0.50/1000 ft ²
Fire Station (volunteer)	1.00/location
Fire Station (full time)	0.20/fire fighter 24hrs.
Florist	1.10/1000 ft²
Fraternal Organization (with bar and/or restaurant)	1.00/hall (bar and/or restaurant to be computed at its respective residential equivalent)
Funeral Home	1.50/1000 ft²
Garden Center (nursery)	1.10/1000 ft²
Government Offices	0.40/1000 ft²

Usage	Residential Equivalent Unit Factor
Grocery Stores and Markets	1.10/1000 ft.
Hospital	1.10/bed
Hotel, Motel, Rooming House (with bar and/or restaurant)	0.4 bedroom (bar and/or restaurant to be computed at its Respective residential equivalent)
Laundry (self-serve)	0.34/washer
Library	0.53/1000 ft²
Marina	0.10/slip (over 25 feet in length) 0.06/slip (under 25 feet in length)
Office Building (general)	0.40/1000 ft ²
Office Building (medical, dental, clinic, etc.)	1.0 + 0.5 per exam room
Pet Shop	1.10/1000 ft²
Post Office	1.00/1000 ft ²
Printing Shop	0.50/1000 ft²
Public Institute	0.75/1000 ft ²
Residential	
Condominiums	1.00/per unit
Mobile Home, Trailer Park	1.00/unit
Multiple Family Residence (three or more Units in one structure)	0.75/unit
Single Family Residence	1.00/unit
Two-Family Residence (Duplex)	1.00/unit
Restaurants (fast food)	7.00/location
Restaurant (meals and bar)	2.50/1000 ft ² (excluding restrooms, public areas not in regular use and unfinished areas)
Restaurant (meals only)	1.50/1000 ft ² (excluding restrooms, public areas not in regular use and unfinished areas)
Retail Store	1.00/premise + 0.10/1000 ft ²
School	1.00/classroom
Service Station + Repair Area	0.25/pump + 0.40/1000 ft ²
Snack Bar, Drive-in	1.50/1000 ft ²
Supermarket, Grocery Store	1.10/1000 ft ²
Swimming Pool	3.00/1000 ft²
Theater – Drive-in	0.04 per car space (plus snack bar, which is measured separately)

Theater – Indoor	0.04 per seat (plus snack bar, which is measured separately)
Travel Trailer Parks and Campgrounds	0.20/site (plus waste disposal station C is calculated separately)
Utility Sub-Station	0.10/1000 ft ²
Warehouse or Storage Building	0.10/1000 ft ²
Waste Disposal Station (for Travel trailers)	2.00/station
Veterinary Facilities and Kennels	1.00 + 0.10 per kennel

Notwithstanding the foregoing, each connecting customer shall be considered to be at least one (1.00) residential equivalent unit.

**HAMBURG TOWNSHIP
ORDINANCE NO. 69H**

WASTEWATER TREATMENT AND ADMINISTRATION ORDINANCE

Section 1.0. Short Title

This Ordinance shall be known and may be cited as Hamburg Township's Wastewater Treatment and Administration Ordinance.

Section 2.0. Purpose and Objections; Applicability

- a. This Ordinance sets forth uniform requirements for direct and indirect contributors to the wastewater collection and treatment systems and direct dischargers to waters located in and flowing through the Township and enables the Township to comply with all applicable federal, state, and local laws and regulations relating thereto and to protect the health/welfare and environment of Hamburg Township residents.

- b. The objectives of this Ordinance are:
 1. To prevent the introduction of pollutants into waters located in and flowing through the Township, which would degrade the water quality, surrounding environment and/or use and enjoyment of the natural resources located in Hamburg Township, and to promote the stewardship of their resources.

 2. To prevent the introduction of pollutants into the wastewater system which will interfere with the normal operation of the system or contaminate the resulting municipal sludge.

 3. To prevent the introduction of pollutants into the wastewater system which will not receive adequate treatment in the POTW and which will pass through the wastewater system into receiving waters or the atmosphere or otherwise be incompatible with the wastewater system.

 4. To improve the opportunity to recycle and reclaim wastewater and sludge from the system.

Section 3.0. Definitions and Abbreviations

"Act" or "the Act" means the Federal Water Pollution Control Act, also known as the Clean Water Act, as amended.

“Authorized Officer” means the Township Supervisor, the Township Clerk, the Township Treasurer, or the Township Manager.

“Authorized Representative of Industrial User,” means any of the following:

1. If the Industrial User is a corporation, a principal executive officer of at least the level of vice-president.
2. If the Industrial User is a partnership or proprietorship, a general partner or proprietor.
3. A duly authorized representative of the individual designated above if such representative is responsible for the overall operation of the facilities from which the direct discharge originates, or for environmental matters of the company. Authorization for this representative must be submitted in writing to the Township by the individual designating the representative.

“Biochemical Oxygen Demand (“BOD”)” means the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 degrees Celsius, expressed in milligrams per liter.

“Building Drain” means that part of the lowest horizontal piping of a drainage system of a building that receives the sewage discharge inside the walls of a building and conveys it to the building sewer. The building drain shall be deemed to end five (5) feet outside the face of the building wall.

“Building Sewer” means a sewer conveying wastewater from the premises of a user to the Public Sewer.

“Bypass” means the intentional diversion of waste streams from any portion of an industrial user’s treatment facility needed for compliance with pretreatment standards.

“Categorical Pretreatment Standard” or “Categorical Standard” means any regulation containing pollutant discharge limits promulgated by the E.P.A. in accordance with sections 307(b) and (c) of the Clean Water Act, which apply to a specific category of nondomestic users. “Cesspool” means an underground pit into which household sewage or other untreated wastewater is discharged and from which the liquid seeps into the surrounding soil or is otherwise removed.

“Chemical Oxygen Demand (“COD”)” means a measure of oxygen-consuming capacity of inorganic and organic matter present in water or wastewater. It is expressed as the amount of oxygen consumed from a chemical oxidant in a specified test. It does not differentiate between stable and unstable organic matter and thus does not necessarily correlate with

biochemical oxygen demand. Also known as oxygen consumed (OCR) and dichromate oxygen consumed (DO), respectively.

“Chlorine Demand” means the difference between the amounts of chlorine available at the end of the contact time, expressed in milligrams per liter.

“Combined Sewer” means a sewer receiving both surface runoff (storm water) and sewage or wastewater.

“Commercial User” means any User of the Public Sewer other than a residential user or a person lawfully using a building or structure as a residence.

“Compatible Pollutant” means a substance amenable to treatment in the wastewater treatment plant such as biochemical oxygen demand, suspended solids, pH and fecal coliform bacteria, plus additional pollutants identified in the applicable NPDES permit if the POTW was designed to treat such pollutants to a substantial degree.

“Composite Sample” means a collection of individual samples which are obtained at regular intervals, collected on a time-proportional or flow-proportional basis, over a specific time period and which provides a representative sample of the average stream during the sampling period.

“Connection Fee” means the charge imposed by the Township to grant permission to connect a building sewer, either directly or indirectly, to the Public Sewer. This fee represents the proportional cost attributable to each premise for making the Public Sewer available with sufficient capacity to service said premises.

“Control Manhole” means the structure installed on the building sewer or service connection pipeline to allow access for measurement and sampling of sewage discharging from industrial and commercial establishments.

“Cooling Water” means the water discharged from any use such as air conditioning, cooling or refrigeration or to which the only pollutant added is heat.

“County” means the County of Livingston, Michigan, acting by and through its Drain Commissioner, the designated County Agency under Act 342 of the Public Acts of Michigan of 1939, as amended.

“DEQ” or “MDEQ” means the Michigan Department of Environmental Quality or any successor governmental agency having similar regulatory jurisdiction.

“Direct Connection” means the connection of the building sewer directly to the Public Sewer.

“Direct Discharge” means the discharge of the treated or untreated wastewater directly to waters located in and/or flowing through the Township.

“Discharge” means any direct or indirect discharge of any waste, waste effluent, wastewater, pollutant, or any combination into any of the waters located in and/or flowing through the Township or upon the ground.

“Domestic Sewage” means the liquid wastes from all habitable buildings and residences and shall include human excrement and wastes from sinks, lavatories, bathtubs, showers, laundries and all other water-carried wastes of organic nature either singly or in combination thereof.

“EPA” or “USEPA” means the United States Environmental Protection Agency.

“Food Service Establishment” (“FSE”) means any place where food or beverage is prepared and served or consumed whether fixed or mobile, with or without charge, on or off the premises. FSEs will include, but not be limited to restaurants, hotels, taverns, bars, rest homes, schools, factories, institutions, camps, grocery stores with on-site food preparation, and ice cream parlors. Unless otherwise designated by the Township, the following will not be considered FSEs:

1. Private homes where food is prepared specifically for personal consumption.
2. Location of vending machines; or
3. Temporary food service establishments, which are defined as operating at a fixed location for not more than fourteen (14) consecutive days in conjunction with a single event or celebration.

“Garbage” means the solid waste from the preparation, cooking and dispensing of food and the handling, storage and sale of produce, and, in addition, shall include all paper, plastic, and other household items, including containers, whether or not disposable or biodegradable in nature.

“Grab Sample” means a sample that is taken from a wastewater stream on a one-time basis with no regard to the flow in the wastewater stream and without consideration of time.

“Greasetrap” means a tank of suitable size and materials located in a sewer line and so designed to remove grease and oily wastes from the sewage.

“Grinder Pump System” means the device to which the Building Sewer connects and which grinds and pumps the sewage to the Public Sewer for transportation to the POTW, the publicly owned grinder pump, controls and pressure discharge pipe, including all control boards, controls, floats, pumps, storage tanks and appurtenances thereto which provides the connection between the privately-owned building sewer and the Public Sewer system.

“Health Department” means the Livingston County Health Department.

“Holding Tank Wastewater” means any wastewater from holding tanks such as vessels, chemical toilets, campers, trailers, septic tanks, and vacuum-pump tank trucks.

“Incompatible Pollutants” means any pollutant that is not a compatible pollutant.

“Indirect Connection” means the connection of a building sewer to an extension of the Public Sewer which is installed and paid for by special assessment or private funds, which extension is, after construction, turned over to the Township and becomes part of the Public Sewer (i.e., if a developer constructs sanitary sewers in a plat and connects the sewer line to the Public Sewer, the connection of each lot in the plat would be an Indirect Connection).

“Indirect Discharge” means the discharge or the introduction of the nondomestic pollutants in the POTW regulated under Section 307(b) or (c) of the Act (33 USC 1317) into (including holding tank wastewater discharged into the system).

“Industrial Waste” means any liquid, solid or gaseous waste or form of energy or combination thereof resulting from any process of industry, manufacturing, business, trade or research, including the development, recovery or processing of natural resources.

“Infiltration” shall mean any waters entering the system from the ground, through such means as, but not limited to, defective pipes, pipe joints, connections or manhole walls. Infiltration does not include and is distinguished from inflow.

“Infiltration/Inflow” shall mean the total quantity of water from both infiltration and inflow.

“Inflow” shall mean any waters entering the system through such sources as, but not limited to, building downspouts, footing or yard drains, cooling water discharges, seepage lines from springs and swampy areas and storm drain cross connections.

“Inspection Fee” means the amount charged to each applicant by the Township at the time an application is made to the Township for connection to the Public Sewer, to cover the routine cost of inspecting and approving the physical connection of a building sewer and service connection to the Public Sewer, and the issuance of a connection permit.

“Inspector” means the person responsible for inspecting connections of building sewers and service connection to the Public Sewer as designated by the Township.

“Interference” means the inhibition or a disruption of the POTW treatment processes or operations that contribute to a violation of any requirement of the applicable NPDES Permit or reduces the efficiency of the POTW. The term also includes prevention of sewage sludge use or disposal by the POTW.

“Laboratory Determination” means the measurements, tests and analysis of the characteristics of waters and wastewaters in accordance with the methods contained in the latest edition at the time of any such measurement, test, or analysis of Standard Methods for Examination of Water and Waste Water, a joint publication of the American Public Health Association, the American Waterworks Association and the Water Pollution Control Federation or in accordance with any other method prescribed by the rules and regulations promulgated pursuant to the latest edition.

“Lateral Line” means that portion of the sewer system located under the street or within the street right-of-way from the property line to the trunk line and which collects sewage from a particular property for transfer to the trunk line.

“Major Contributing Industry” means any industrial user of the POTW that:

1. Has a flow of 50,000 gallons or more per average workday;
2. Has a flow greater than three percent of the flow carried by the municipality receiving the wastes;
3. Has in its waste, a toxic pollutant in toxic amounts as defined in the standards under Section 307(a) of the Federal Water Pollution Control Act of 1972; or
4. Is found by the permit issuance authority in connection with the issuance of a NPDES Permit to the POTW receiving the waste, to significantly impact, either singly or in combination with other contributing industries, on that treatment works or upon the quality of effluent from that treatment works. All major contributing industries shall be monitored.

“May” is permissive.

“MDPH” means the Michigan Department of Public Health or any successor governmental agency having similar regulatory jurisdiction.

“MUC” means the Hamburg Township Municipal Utilities Committee.

“National Categorical Pretreatment Standard or Pretreatment Standard” means any federal regulation containing pollutant discharge limits promulgated by the EPA which applies to a specific category of Industrial Users.

“National Pollution Discharge Elimination System (NPDES) Permit” means a permit issued pursuant to Section 402 of the Act (33 U.S.C. 1342).

“National Prohibitive Discharge Standard or Prohibitive Discharge Standard” means any regulation developed under the authority of 307(b) of the Act and 40 CFR, Section 403.5.

“Natural Outlet” means any outlet into a watercourse, pond, ditch, or other body of surface or groundwater.

“New Source” means any source, the construction of which is commenced after the publication of proposed National Categorical Pretreatment Standards which will be applicable to such source, provided that:

- a) Construction is at a site where no other source is located;
- b) Process or production equipment causing discharge is totally replaced due to construction; or
- c) Production or wastewater generating processes of the facility are substantially independent of an existing source at the same site.

Construction is considered to have commenced when installation or assembly of facilities/equipment has begun, significant site preparation has begun for installation or assembly, or the owner/operator has entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. (Construction on a site at which an existing source is located results in a modification, rather than a New Source, if the construction does not create a new building, structure, facility or installation meeting the criteria of items b) or c) above, but otherwise alters, replaces, or adds to existing process or production equipment).

“Normal Domestic Sewage (NDS)” means Wastewater which, when analyzed, shows a daily average concentration of not more than 250 mg/1 of BOD; not more than 250 mg/1 of suspended solids; not more than 6 mg/1 of phosphorus; not more than 35 mg/1 of total Kjeldahl nitrogen.

“Nuisance” means any condition or circumstance defined as a nuisance pursuant to Michigan statute, at common law or in equity jurisprudence or Hamburg Township Ordinances including this Ordinance, as well as, any condition or circumstance where sewage or the effluent from any sewage disposal facility or toilet device is exposed on the surface of the ground or is permitted to drain on or to the surface of the ground, into any ditch, storm sewer, lake or stream, of when the odor, appearance or presence of this material has an obnoxious or detrimental effect on or to the senses and/or health of persons, or when it shall obstruct the comfortable use, enjoyment or sale of adjacent and/or surrounding property.

“Obstruction” means any object of whatever nature that substantially impedes the sewage from the point of origination to the trunk line. This shall include, but not be limited to objects, sewage, tree roots, rocks and debris of any type.

“Operation and Maintenance” means all work, materials, equipment, utilities and other effort required to operate and maintain the wastewater transportation, odor control, and

treatment system consistent with insuring adequate treatment of wastewater to produce an effluent in compliance with the NPDES Permit and other applicable State and Federal regulations, and includes the cost of replacement.

“Owner (or Owners)” means the equitable and/or legal owner of fee simple interest of a freehold estate, or any trustee, personal representative, receiver, firm, corporation or entity legally acting on behalf of the equitable and/or legal owner.

“Pass Through” means a discharge which exits the POTW into waters located in or flowing through Hamburg Township in quantities or concentrations which, alone or in conjunction with discharges from other sources, is a cause of a violation of any requirement of the POTW’s NPDES permit, franchise, or applicable local ordinance, including an increase in the magnitude or duration of a violation.

“Person” means any individual, partnership, copartnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity or any other legal entity, or its legal representatives, agents or assigns. The masculine gender shall include the feminine, the singular shall include the plural where indicated by the context.

“pH” means the logarithm (base 10) of the reciprocal of the concentration of hydrogen ions expressed in grams per liter of solution.

“Pollutant” means any of various chemicals, substances, and refuse materials such as dredged spoil, incinerator residue, solid waste, sewage, garbage, sewage sludge, chemical wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt, and industrial, municipal and agricultural wastes discharged into water.

“Pollution” means the man-made or man-induced alteration of the chemical, physical, biological, or radiological integrity of water.

“POTW Treatment Plant” means that portion of the POTW designed to provide treatment to wastewater.

“Pretreatment or Treatment” means the reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutants, or the alteration of the nature of pollutant properties in wastewater to a less harmful state prior to or in lieu of discharging, or introducing such pollutants into a POTW. The reduction or alteration can be obtained by physical, chemical or biological processes, or process changes and other means, except as prohibited by 40 CFR section 403.6(d).

“Pretreatment Requirements” means any substantive or procedural requirements related to pretreatment, other than a national pretreatment standard imposed on an industrial user.

“Private Sewer” means a sewer that is owned, operated and maintained by or on behalf of one or more individuals for the benefit of the owners.

“Publicly Owned Treatment Works (POTW)” means a treatment works as defined by Section 212 of the Act (33 U.S.C. 1292), which is owned in this instance by a local government. This definition includes any sewers that convey wastewater to the POTW Treatment Plant. For the purposes of this Ordinance, “POTW” shall also include any sewers that convey wastewaters to the POTW from persons outside the applicable local government who are, by contract or agreement with the local government, users of the POTW.

“Public Sewer” means a sewer that is owned and operated by the Township, including all publicly owned service connections, sewers, trunk lines, lift or pumping stations, odor control facilities, waste water treatment plants or facilities, and any and all appurtenances thereto.

“Replacement” means the replacement in whole or in part of any equipment, appurtenances and accessories in the wastewater transportation or treatment systems to insure continuous collection and treatment of wastewater in accordance with NPDES Permit and other applicable State and Federal regulations.

“Residential Equivalent Unit (REU)” means a standard basis of measuring the relative quantity of Sewage, including the benefits derived from the disposal thereof, arising from the occupancy of a freestanding single-family residential dwelling (but such term shall not necessarily be related to actual use arising from any particular dwelling). A listing of the relative relationships between the various Users of the System is hereby determined by the Township as set forth in Appendix 1 Table of Unit Factors of Ordinance 69. The assignment of REU(s) to a particular user shall be determined from time to time by the Township based upon the use to which the User’s property is put. The assignment of the REU(s) for any use not enumerated in Appendix 1 Table of Unit Factors shall, in the sole discretion of the Township, be based upon the most similar use enumerated in Appendix 1 Table of Unit Factors as set forth in Ordinance 69. REU(s) shall be defined as one (1) REU is equivalent to One Hundred Fifty (150) gallons per day.

“Sanitary Sewage” means the waste discharged from toilets, urinals, lavatories, sinks, bathtubs, showers, household laundries, cellar and garage floor drains, soda fountains, bars, refrigerator drips, air conditioners, drinking fountains and other domestic or commercial water wastes.

“Sanitary Sewer” means a public or private sewer that carries sewage and into which storm, surface and ground waters are not intentionally admitted.

“Seasonal Recreation Use” (“SRU”) means any non-residential building or structure the use of which depends on or is controlled by the season of the year and does not have nor will be authorized by the Township to have cooking facilities for the preparation of food. All applicants seeking SRU designation shall be required to specify the time period(s) of operation. Seasonal use shall not exceed more than three (3) months of operation in any calendar year.

“Seepage Pit” means a cistern or underground enclosure constructed of concrete blocks, bricks or similar material loosely laid with open joints so as to allow the overflow or effluent to be absorbed directly into the surrounding soil.

“Septic Tank” means a watertight receptacle receiving sewage and having an inlet and outlet designed to permit the separation of suspended solids from sewage and to permit such retained solids to undergo decomposition therein.

“Service Connection” means the portion of the Public Sewer which extends either to or onto the parcel of land adjacent to the path of the Public Sewer, and includes the sewer main, tee/wye, valve, check valve, connector pipes, the sewer lead, the grinder pump system, electrical controls and connections at the electric meter (but not including the meter) and appurtenances, but not including the building sewer.

“Sewage” means wastewaters from residences, business buildings, industrial establishments and/or other premises together with groundwater or surface water infiltration as may be present.

“Sewage Disposal Facility” means a privy, cesspool, seepage pit, septic tank, sub-surface disposal field or any other device used in the disposal of sewage or human excreta.

“Sewage Treatment Facility” means all facilities owned, operated, maintained or utilized for the collection, odor control, sampling, monitoring, pumping, treating and disposal of sewage, specifically including the treatment plant.

“Sewer” means a pipe or conduit carrying sewage and/or storm, surface and ground waters.

“Sewer Lead” means that portion of the service connection that connects to the sewer main located in the public right-of-way and extends therefrom to the property line.

“Sewer Service Charge” means the sum of the applicable connection fee, inspection fee, and user charge, surcharges and debt service charges.

“Shall” is mandatory.

“Significant Industrial User” means any industrial user discharging to a POTW who:

- a. Has a discharge flow of 25,000 gallons or more per average work day; or
- b. Has a flow greater than 3% of the flow of the wastewater treatment system to which he is a contributor; or
- c. Has in his wastes toxic pollutants as defined pursuant to Section 307 of the Act State Statutes and rules; or

- d. Is found by the Township, Michigan Department of Environmental Quality, or the U.S. Environmental Protection Agency (EPA) to have significant impact, either singly or in combination with other contributing industries, on the wastewater treatment system to which he is a contributor, the quality of sludge, the system's effluent quality, or air emissions generated by the system.

"Significant Noncompliance" shall mean one or more of the following:

- a. Chronic violation of wastewater discharge limit, defined here as when sixty-six (66) percent or more of all the measurements for a pollutant parameter taken during a six-month period exceed by any magnitude the corresponding daily maximum limit or the corresponding average limit;
- b. Technical review criteria violation of wastewater discharge limit, defined here as when thirty-three (33) percent or more of all of the measurements for a pollutant parameter taken during a six-month period equal or exceed the product of the corresponding daily maximum limit multiplied by the applicable TRC factor, or the product of the corresponding average limit multiplied by the applicable TRC Factor (TRC Factor = 1.4 for BOD, fats, oil and grease, and 1.2 for all other pollutants except pH);
- c. Any other violation of a daily maximum limit or an average limit that the DEQ and/or the Township determines has alone or in combination with other discharges caused interference or pass-through, including endangering the health of POTW personnel or the general public;
- d. Any discharge of a pollutant that has caused imminent endangerment to human health, public welfare, or the environment, or has resulted in the POTW exercising its emergency authority to halt or prevent such a discharge.
- e. Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a discharge permit or enforcement order for starting construction, completing construction, or attaining final compliance.
- f. Failure to provide, within 30 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, and/or reports on compliance with compliance schedules.
- g. Failure to accurately report noncompliance; and
- h. Any other violation, or group of violations, which the DEQ and/or the Township determines as adversely affecting operation or implementation of the Township's pretreatment program.

“Slug Load” means any substance released in a discharge at a rate and/or concentration that causes interference to a POTW.

“Special Assessment District” means all Special Assessment Districts determined at any time by the Township Board within the Service District for the provision of sanitary sewer service by the Public Sewer.

“Standard Industrial Classification (SIC)” means a classification pursuant to the Standard Industrial Classification Manual issued by the Executive Office of the President, Office of Management and Budget, 1972.

“State” means State of Michigan.

“Storm Sewer or Storm Drain” means a sewer that carries storm, surface and ground waters, but excludes sewage and polluted industrial waste.

“Storm Water” means any flow occurring during or following any form of natural precipitation and resulting therefrom.

“Structure” means a building used or available for use for household, commercial, industrial, or other purposes that generates sewage.

“Superintendent” means the person designated by the applicable local government to supervise the operation of the publicly owned treatment works, who is charged with certain duties and responsibilities by this ordinance, or his/her duly authorized representative.

“Sub-Surface Disposal Field” means a facility for the distribution of septic tank overflow or effluent below the ground surface through a line, or a series of branch lines, of drain tile laid with open joints to allow the overflow or effluent to be absorbed by the surrounding soil through the entire field.

“Supervisor” means the Supervisor of the Township or his/her authorized representative.

“Surcharge” means an additional part of the service charge that any customer discharging wastewater, having strength in excess of limits set forth by the Township, may be required to pay to cover the cost of treatment of such excess strength wastewater.

“Suspended Solids” means the solids that either floats on the surface of or are in suspension in water, sewage or other liquids.

“Township” means the Township of Hamburg, located in Livingston County, Michigan, and/or its duly authorized agent or representative.

“Toxic Pollutant” means any pollutant or combination of pollutants which is or can potentially be harmful to public health or environment including, but not limited to, those listed as toxic

in regulations promulgated by the Administrator of the Environmental Protection Agency under the provisions of Clean Water Act, Section 307(a) (33 USC 1317) or other Acts, or included in the Critical Materials Register promulgated by the State.

“Trunk Line” means the main sewer line located under any street or within any street right-of-way that collects and transmits the sewage of the various properties served by the sewer system.

“Uncontaminated Industrial Process Water” means water that does not come into contact with any substance used in or incidental to industrial processing operations and to which no chemical or other substance has been added.

“Upset” means an exceptional incident in which a user unintentionally and temporarily is in a state of noncompliance with the requirements of this Ordinance due to factors beyond the reasonable control of the user, excluding noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation thereof.

“U.S. EPA” or “EPA” means the United States Environmental Protection Agency.

“User” means any person who contributes, causes or permits the contribution of sewage into a Public Sewer.

“User Charge” means a charge levied on users of a treatment works for the cost of operation and maintenance of sewerage works pursuant to Section 204 (b) of PL 92-500 and includes the cost of replacement.

“User Class” means the kind of user connected to sanitary sewers including but not limited to residential, industrial, commercial, institutional and governmental.

- a. Residential User shall mean a user of a treatment works whose premises or buildings are used primarily as a domicile for one or more persons, including dwelling units such as detached, semi-detached and row houses, mobile homes, apartments, or permanent multi-family dwellings.
- b. Industrial User means a user of the treatment works which discharges wastewater from industrial, manufacturing, trade or business processes or from any structure with these characteristics, and distinct from their employee’s domestic wastewaters or wastewaters from sanitary conveniences.
- c. Commercial User shall mean an establishment listed in the Office of the Management and Budgets Standard Industrial Classification Manual (SICM), involved in a commercial enterprise, business or service which, based on a determination by the Township, discharges primarily segregated domestic

wastewaters or wastewaters from sanitary conveniences and which is not a residential user or an industrial user.

- d. Institutional User shall mean any establishment listed in the SICM involved in a social, charitable, religious, or educational function that based on a determination by the Township, discharges primarily segregated domestic wastes or wastewaters from sanitary conveniences.
- e. Governmental User shall mean any Federal, State or Local government user of the wastewater treatment works.

“Wastewater” means the industrial or domestic wastewaters from dwellings, commercial building, industrial facilities and institutions, together with any groundwater, surface water, and storm water that may be present, whether treated or untreated, which enter the POTW.

“Watercourse” means a channel, natural or artificial, in which a flow of water occurs, either continuously or intermittently.

“Waters” means all streams, rivers, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, and all other bodies or accumulations of water, surface or underground, natural or artificial, public or private, which are located in the Township.

Section 4.0. Franchise Required

Any wastewater treatment system not owned by the Township which is operating in the Township shall be considered a public utility within the meaning of any constitutional or statutory provisions and shall be required to obtain, prior to site plan approval, a revocable franchise from the Township to engage in such operations and to build, construct, own or operate a wastewater treatment system in accordance with the Michigan Constitution and state law, including but not limited to Part 43 of P.A. 1994, No 451 (MCL 324.4301, et seq.). The expansion, modification, or alteration of any such system shall require a new franchise.

Section 5.0. Point Source Discharges

- a. The Township Board has found that the quality of waters located in the Township can be degraded due to the increasing amount of point source nutrient discharge into those waters. Therefore, as a matter of public health, safety, and welfare, and for the protection of lands and landowners adjacent or near these waters, does hereby prohibit an expansion or increase of surface water discharge containing nitrate nitrogen in excess of 200 parts per billion (micrograms per liter) or containing phosphorus in excess of 20 parts per billion (micrograms per liter) into waters located in and/or flowing through the Township. Any landowner making application to the Township for site plan approval for any development which may result in a direct point source discharge of wastewater to any lake, stream, drain,

river, creek, wetland or other water body within the Township shall apply for and obtain from the Hamburg Township Board of Trustees a Point Source Discharge Permit prior to final site plan approval.

- b. The application for a Point Source Discharge Permit, together with the application fee established by the Board of Trustees shall be submitted to the Clerk of Hamburg Township. Said application shall be accompanied by all information required for site plan review together with a written opinion from a licensed civil engineer with knowledge and experience in the area of limnology and point source discharges, a limnologist, or other professional acceptable to the Township that the anticipated direct point source wastewater discharge from the site into any lake, stream, river, creek, drain, wetland or other water body within the Township will not contain nitrate nitrogen in excess of 200 parts per billion, contain phosphorus in excess of 20 parts per billion, and will not degrade the quality of the receiving or downstream waters. The Clerk upon receipt of said application shall forward the application to the Zoning Administrator for their consideration and recommendation to the Township Board of Trustees. This recommendation shall state: 1) whether the requested discharge will exceed the limitations contained in Section 5, Paragraph A above, 2) whether the requested discharge will likely result in degradation to the receiving or downstream waters, 3) whether the issuance of a point source discharge will have any other adverse impacts to the environment, and 4) whether they recommend any limitations on the issuance of a permit, and 5) whether they recommend the issuance of a Point Source Discharge Permit. Upon receipt of the Zoning Administrators report, the Hamburg Township Board of Trustees shall consider the Point Source Discharge Permit request and either: 1) grant the permit, 2) grant the permit with conditions, or 3) deny the permit. In the event the Township Board of Trustees shall deny the Permit, they shall state the reasons why such permit is being denied.
- c. Where there are unnecessary hardships in the way of carrying out the strict letter of this section and where no alternative superior treatment technology, method and treatment, or discharge location is available, the Township Board may grant an exemption from this section. The request for exemption shall in be letterform to the Township Board, submitted to the attention of the Township Clerk. The request for exemption shall specify the reasons for the request in detail. The Township Clerk shall submit the request for an exemption to Zoning Administrator for consideration by the Planning Commission. The Township Board shall approve or disapprove, in writing, the request for exemption following its receipt of the recommendation by H.E.R.B. and the Township Engineer. Approval of the exemption under this section must be secured prior to final site plan approval.

Section 6.0. Industrial Wastewater Pretreatment

A. General discharge prohibitions.

1. No user shall contribute or cause to be contributed, directly or indirectly, any pollutant or wastewater that will interfere with the operation or performance of the POTW. These general prohibitions apply to all such users of a POTW whether or not the user is subject to national categorical pretreatment standards or any other national, state, or local pretreatment standards or requirements. A user may not contribute the following substances to any POTW:
 - a. Any liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the POTW or to the operation of the POTW, including, but not limited to waste streams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Celsius using the test methods specified in 40 CFR 261.21 (1990). At no time shall two successive readings on an explosion hazard meter, at the point of discharge into the system, or at any point in the system, be more than five percent nor shall any single reading be over ten percent of the lower explosive limit (LEL) of the meter. Prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides, and any other substances which the Township, state or EPA has notified the user is a fire hazard or a hazard to the system.
 - b. Solid or viscous substances which may cause obstruction to the flow in a sewer or other interference with the operation of the wastewater treatment facilities, such as, but not limited to, grease, garbage with particles greater than one-half inch in any dimension, animal guts or tissues, paunch manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grain, spent hops, wastepaper, wood, plastics, gas, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud, or glass grinding or polishing wastes.
 - c. Any wastewater having a pH of less than 5.0 or greater than 9.0 or wastewater having any other corrosive property capable of causing damage or hazard to structures, equipment, and/or personnel of the POTW.
 - d. Any waters or wastes containing compatible or toxic pollutants which, singly or by interaction with other pollutants, exceed limitations established by the Township for the following reasons:

- (i) To prevent treatment process pass through of pollutants that violate water quality standards of the receiving stream.
- (ii) To prevent injury or inhibition of the treatment process or sludge handling facilities.
- (iii) To prevent contamination of the wastewater sludge and interference with the sludge disposal process.
- (iv) To comply with federal EPA categorical pretreatment standards.
- (v) Constitute a hazard to humans or animals.
- (vi) Create a toxic effect in the receiving waters of the POTW.

Toxic pollutants shall include, but are not limited to; any substance identified in the federal EPA priority pollutant and state critical materials lists.

- e. Any noxious or malodorous liquids, gases or solids which either singly or by interaction with other wastes are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for maintenance and repair.
- f. Any substance that may cause the POTW's effluent or any other product of the POTW, such as residues, sludges, or scums, to be unsuitable for reclamation and reuse or to interfere with the reclamation process. In no case shall a substance discharged to the POTW cause the POTW to be in noncompliance with sludge use or disposal criteria, guidelines or regulations developed under Section 405 of the Act; any criteria, guidelines, or regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, or state criteria applicable to the sludge management method being used.
- g. Any substance that will cause the POTW to violate its NPDES and/or state disposal system permit or the receiving water quality standards.
- h. Any wastewater having a temperature which will inhibit biological activity in the POTW treatment plan resulting in interference, but in no case wastewater with a temperature at the introduction into the POTW which exceeds 40 degrees Celsius (104 degrees Fahrenheit).

- i. Any pollutants, including oxygen demanding pollutants (BOD, etc.) released at a flow rate and/or pollutant concentration which a user knows or has reason to know will cause interference to the POTW. In no case shall a slug load have a flow rate or contain concentration or quantities of pollutants that exceed for any time period longer than 15 minutes more than five times the average 24-hour concentration, quantities, or flow during normal operation.
 - j. Any wastewater containing any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the superintendent in compliance with applicable state or federal regulations.
 - k. Any wastewater that causes a hazard to human life or creates a public nuisance.
 - l. Any waters or wastes which may contain more than 100 milligrams per liter, by weight, of fat, petroleum, oil or grease, nonbiodegradable cutting oils, or products of mineral oil origin.
 - m. Any discharge which will violate any statute, rule, regulation, or ordinance of any public agency and/or local unit of government with jurisdiction, including the EPA.
 - n. Any wastewater containing pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems.
 - o. Any trucked or hauled pollutants, except at discharge points designated by the treatment works.
2. When the superintendent determines that a user is contributing to the POTW any of the substances enumerated in subsection 1 of this section in such amounts as to interfere with the operation of the POTW, the superintendent shall:
- a. Advise the user of the impact of the contribution on the POTW; and
 - b. Develop effluent limitations for such user to correct the interference with the POTW.

B. Federal categorical pretreatment standards.

1. *Generally.* All industrial users subject to the federal categorical pretreatment standards shall be subject to the rules, regulations, and requirements of 40 CFR 403.
2. *Federal standards supersede limitations under this ordinance.* Any existing or new federal categorical pretreatment standards shall immediately supersede the limitations imposed under this ordinance if more stringent. In such a case, the superintendent shall notify all affected users of the applicable reporting requirements under 40 CFR 403.12.
3. *Deadline for compliance with categorical standards.*
 - a. Existing sources shall comply with federal categorical pretreatment standards within three years of the date the standard is effective, unless a shorter compliance time is specified in 40 CFR chapter I, subchapter N.
 - b. Direct dischargers with NPDES permits modified or reissued to provide a variance pursuant to Section 301(i)(2) of the Act shall be required to meet compliance dates set in any applicable federal categorical pretreatment standard.
 - c. Existing sources which become industrial users subsequent to promulgation of an applicable categorical standard shall be considered existing industrial users except where such sources meet the definition of a new source as defined in 40 CFR 403.3(k).
 - d. New sources shall install and have in operating condition, and shall start up, all pollution control equipment required to meet applicable pretreatment standards before beginning to discharge. Within the shortest feasible time, not to exceed 90 days, new sources must meet all applicable pretreatment standards.
4. *Calculation of equivalent mass and concentration limits.*
 - a. When the limits in a federal categorical pretreatment standard are expressed only in terms of mass of pollutant per unit of production, the superintendent may convert the limits to equivalent limitations expressed either as mass of pollutant discharged per day or effluent concentration for purposes of calculating effluent limitations applicable to individual industrial users.
 - b. Equivalent limitations shall be deemed pretreatment standards for the purposes of Section 307(d) of the Act. Industrial users will be required to

comply with the equivalent limitations in lieu of the promulgated categorical standards from which the equivalent limitations were derived.

C. Modification of federal categorical pretreatment standards.

Where the wastewater treatment system achieves consistent removal of pollutants omitted by federal categorical pretreatment standards, the Township may apply to the approval authority for modification of specific limits in the categorical pretreatment standards. Consistent removal shall be determined in accordance with 40 CFR 403.7(b).

1. When the limits in a categorical standard are expressed only in terms of mass of pollutant per unit of production, the control authority may convert the limits to equivalent limitations expressed either as mass of pollutant discharged per day or effluent concentration for purposes of calculating effluent limitations applicable to individual industrial users.
2. Equivalent limitations calculated in accordance with Paragraphs (c)(3) and (c)(4) of 40 CFR 403.6 shall be deemed pretreatment standards for the purposes of Section 307(d) of the Act and 40 CFR 403. Industrial users will be required to comply with the equivalent limitations in lieu of the promulgated categorical standards from which the equivalent limitations were derived.

D. State Requirements.

State requirements and limitations on discharges shall apply in any case where they are more stringent than federal requirements and limitations or those in this Ordinance.

E. Dilution Prohibited.

No user or POTW shall increase the use of potable or process water in any way, nor mix separate waste streams, for the purpose of diluting a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the requirements set forth in this Ordinance.

F. Grease, oil, and sand interceptors.

1. Grease, oil, and sand interceptors shall be provided when, in the opinion of the Township, they are necessary for the proper handling of wastewaters containing grease in excessive amounts or any flammable wastes, sand, or other harmful ingredients. Notwithstanding the foregoing, interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Township and shall be located so as to be readily accessible for cleaning and inspection. All grease and oil interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature. Such interceptors shall be of

substantial construction, watertight, and equipped with easily removable covers which, when bolted in place, shall be gastight and watertight. All grease, oil and sand interceptors shall be maintained in continuously efficient operation at all times by the owner of the building or premises from which such wastewaters emanate, or his authorized representative, at the expense of the owner.

- a. Residential users, who are found by the Township to have compromised their grinder pump by introducing grease into the can, shall be responsible for having the grease pumped out by a licensed septage hauler. All residential users will receive information via the Hamburg Township cable channel, Hamburg Township website, or informational newsletter on the proper use and management of household waste as it relates to grinder pumps and the Wastewater Treatment Plant.

2. Grease Interceptors for Food Service Establishments

- a. Unless otherwise authorized by the Township, all permitted FSEs shall install, operate and maintain an outdoor grease interceptor. The Township may issue a discharge permit to any FSE in the service area at its discretion. FSE discharge permits may include user-specific conditions, such as interceptor inspection and pump-out frequencies, that are more or less stringent than specified herein.
- b. General requirements for permitted FSEs shall be as specified herein, unless the Township determines that installation of an outdoor grease interceptor would not be feasible and authorizes the installation of an alternate pretreatment technology. The FSE bears the burden of adequately demonstrating to the Township that the installation of an outdoor grease interceptor is not feasible.
 - (i) For permitted FSEs initiating or modifying discharge after adoption of this Ordinance, the design for an outdoor grease interceptor shall be submitted to the Township for approval prior to submitting the building permit plans. The interceptor shall be installed, and deemed acceptable by the Township after inspection, prior to issuance of a certificate of occupancy.
 - (ii) Permitted FSEs already discharging upon adoption of this Ordinance that are determined by the Township to have a reasonable potential to adversely impact the sewer system will be notified in writing of the obligation to install an outside grease interceptor and receive Township approval within 120 days. If an outdoor grease interceptor is not installed and approved after 120 days, the Township will issue a Class D municipal civil infraction. The penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. If, after ninety (90) days of civil

infractions, Township approval is still not met, sewer services shall be disconnected. The user shall be responsible for all reconnection costs.

- (iii) Outdoor grease interceptors shall be constructed in accordance with design approved by the Township, and shall have a minimum of two compartments with fittings designed for grease retention. Sizing and installation shall conform to the current edition of the plumbing code used by the Township.
- (iv) Outdoor grease interceptors shall be inspected monthly at a minimum, or more often if dictated by site-specific conditions. Pump out of accumulated grease, water, and sludge shall occur quarterly at a minimum, or more often if the settled solids exceed a depth of six inches (6") of any interceptor compartment. If an FSE fails a monthly inspection, they shall receive Class D municipal civil infraction. The penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. If, after ninety (90) days of civil infractions, Township approval is still not met, sewer services shall be disconnected. The user shall be responsible for all reconnection costs.
- (v) Outdoor grease interceptors shall be installed at a location where it shall be easily accessible for inspection, cleaning and removal of intercepted grease, but not in any part of the building where food is handled. The location of all outdoor grease interceptors are subject to approval by the Township.
- (vi) Outdoor grease interceptors shall be inspected monthly at a minimum, or more often if dictated by site-specific conditions. Pump-out of accumulated grease, water and sludge shall occur quarterly at a minimum, or more often if the settled solids exceed a depth of six inches (6") of any interceptor compartment. Water removed during pump-out shall not be returned to the interceptor, and accumulated grease and sludge shall not be reintroduced into any drainage piping leading to the Township's sanitary sewer. The pump-out operation and disposal of the accumulated grease, water, and sludge shall only be by a licensed contractor. The Township shall be notified prior to any scheduled pump-out so the operation can be witnessed if desired.
- (vii) The FSE shall maintain a written record of inspections, pump-out, and maintenance of the outdoor grease interceptor for three (3) years. All such records shall be available for review by the Township's representative during all operating hours.

- (viii) Outdoor grease interceptors shall be kept free of inorganic solid materials such as grit, rocks, gravel, sand, eating utensils, cigarettes, shells, towels, rags, etc. which could reduce the effective volume for grease and sludge accumulation.
 - (ix) Sanitary wastes shall not be discharged to sewer lines serviced by outdoor grease interceptors without specific approval of the Township.
- c. Alternate pretreatment technology shall be defined as a device to trap, separate, and hold grease from wastewater and prevent it from being discharged into the Township's sanitary sewer. If the Township-authorized alternate pretreatment technology is other than indoor grease trap(s), the FSE shall submit design plans, installation details, and operation and maintenance procedures to the Township for approval. If the Township-authorized alternate pretreatment technology is indoor grease trap(s), the following requirements apply:
- (i) Indoor grease trap(s) shall be installed in all waste lines from sinks, drains and other fixtures or equipment where grease may be introduced into the Township's sanitary sewer. Trap(s) shall never be operated without the flow restrictor supplied by the unit's manufacturer.
 - (ii) No food waste disposal unit, dishwasher, or wastewater in excess of one hundred-forty (140) degrees Fahrenheit (60°C) shall be discharged into an indoor grease trap.
 - (iii) Sizing and installation of the indoor grease trap(s) shall be discharged into an indoor grease trap.
 - (iv) FSEs with authorized indoor grease trap(s) shall employ kitchen Best Management Practices (BMPs) for pre-cleaning of plates, pots, pans, etc. to minimize grease loadings to the drainage system.
 - (v) Indoor grease trap(s) shall be inspected weekly at a minimum, or more often if dictated by site-specific conditions. Trap(s) shall be maintained in efficient operating condition at all times by removal of the accumulated grease.
 - (vi) Disposal of accumulated grease shall be in an appropriate manner. Accumulated grease shall not be reintroduced into any drainage piping leading to the Township's sanitary sewer.

G. Spill prevention and operational upset.

- a. Significant industrial users and all industrial/commercial users with the potential to discharge toxic substances or prohibited pollutants shall provide protection from accidental discharge of prohibited materials or other substances regulated by this Ordinance, slug loadings and operational upset of pretreatment facilities.
 1. *Planning and periodic review.* Every SIU within the authority of the Township shall within 180 days of enactment of this Ordinance or within 180 days of becoming a new discharger submit a report which reviews the potential for accidental discharges, operational upsets and slug loadings. If the potential for slug loading or other accidental discharge is determined by the Township, a plan shall be prepared according to 40 CFR 403.8(f)(2)(v). This plan shall be known as the slug discharge action plan and shall be submitted in accordance with the provisions of Section 6(M)(4) to the Township.
 2. *Operation plans and facilities.* Facilities to prevent accidental discharge of prohibited materials, slug loadings and operational upsets shall be provided and maintained at the owner or user's own cost and expense. Detailed plans showing facilities and operating procedures to provide this protection shall be submitted to the Township and the superintendent for review, and shall be approved by the Township and the superintendent before construction of the facility. The superintendent shall provide his comments in writing to the Township. All existing users shall complete such a plan by 180 days after the effective date of this Ordinance.

No user who commences contribution to the POTW after the effective date of this Ordinance shall be permitted to introduce pollutants into the system until accidental discharge and operational upset procedures have been approved by the Township. Review and approval of such plans and operating procedures shall not relieve the user from the responsibility to modify the user's facility necessary to meet the requirements of this Ordinance. Copies of the user's spill prevention control and countermeasure (SPCC) plan, the user's pollution incidence prevention plan (PIPP) and the user's slug discharge action plan shall be filed with the Township and with the superintendent.

3. *Notice requirements.*
 - a. *Immediate notice.* In the case of an accidental discharge, slug loading, or operational upset, or any discharge that could cause problems to the POTW, it is the responsibility of the user to immediately telephone and notify the POTW of the incident. The notification shall include

location of discharge, type of waste, concentration and volume, and corrective actions.

- b. *Written notice.* Within five days following an accidental discharge, slug loading, or operational upset, the user shall submit to the Township a detailed written report describing the cause of the discharge and the measures to be taken by the user to prevent similar future occurrences. Such notification shall not relieve the user of any expense, loss, damage, or other liability which may be incurred as a result of damage to the POTW, fish kills, or any other damage to persons or property; nor shall such notification relieve the user of any fines, civil penalties, or other liability which may be imposed by this ordinance or other applicable law.
- c. *Notice to employees.* A notice shall be permanently posted on the user's bulletin board or other prominent place advising employees whom to call in the event of a dangerous discharge. Employers shall ensure that all employees who may cause or suffer such a dangerous discharge to occur are advised of the emergency notification procedure.

H. Right of review by Township.

Admission into the Public Sewers of wastewaters containing any of the prohibited discharges in section 6(A) of this ordinance or having an average daily flow rate of 10,000 gallons or more shall be subject to review by the Township. All proposed discharges to the sanitary sewers shall be reviewed prior to connection.

The discharge of an existing user shall be subject to review if a change in the contribution is anticipated or at the request of the Township to demonstrate continued compliance with ordinance requirements. In support of this review, existing or potential users of the sewers shall provide all information necessary to complete the review. This information shall include, but is not limited to, the following:

1. File a written statement setting forth the nature of the enterprise, the source and amount of water used, the amount of water to be discharged with its present or expected bacterial, physical, chemical, radioactive, or other pertinent characteristics of the wastes.
2. Provide a report on raw materials entering the process or support system, intermediate materials, final product, and waste by products as those factors may affect waste control.

3. Provide a plan map of the building, works, or complex, with each outfall to the surface waters, sanitary sewer, storm sewers, natural watercourse, or groundwaters noted and described, and the waste stream identified.
4. Records and reports on the final disposal of specific liquids, solids, sludges, oils, solvents, radioactive materials, and other wastes.
5. In the case of existing discharges, sampling and test reports as may be required by the Township.

I. Township's Right of Revision.

The Township reserves the right to establish by ordinance more stringent limitations or requirements on discharges to the POTW if deemed necessary to comply with the objectives presented in Section 2 of this ordinance.

J. Fees.

1. It is the purpose of this section to provide for the recovery of costs from users of POTWs located in the Township for the implementation of the program established in this section. The applicable charges or fees shall be set forth within the Township's schedule of charges and fees.
2. The Township may adopt, through resolution, charges and fees that may include:
 - a. Fees for reimbursement of costs of setting up and operating the Township's pretreatment program.
 - b. Fees for monitoring, inspections and surveillance procedures.
 - c. Fees for reviewing accidental discharge procedures and construction.
 - d. Fees for filing appeals.
 - e. Fees for consistent removal by the Township of pollutants otherwise subject to federal categorical pretreatment standards.
 - f. Fees for permit applications.
 - g. Other fees as the Township may deem necessary to carry out the requirements contained in this Ordinance.

These fees relate solely to the matters covered by this Ordinance and are separate from all other fees chargeable by the applicable government.

K. Wastewater Dischargers; Compliance Required.

1. It shall be unlawful to discharge any wastewater to a POTW or other natural outlets within the jurisdiction of the Township except as authorized in accordance with this Ordinance.
2. The discharge of all major contributing industries shall be subject to review by the Township as provided in Section 6(H) of this Ordinance. A wastewater discharge permit shall be obtained for any discharge from a major contributing discharger that is characterized by the Township as any one of the following:
 - a. A discharge from a significant industrial user as defined in 40 CFR 403.3(t).
 - b. A discharge with potential to cause violation of the applicable NPDES permit limitations or water quality standards of the stream receiving the effluent of the treatment works.
 - c. A discharge with potential to cause interference with the treatment process or wastewater sludge disposal procedures.
 - d. A discharge regulated by federal EPA categorical pretreatment standards.
 - e. A discharge from any pretreatment facility.

L. Wastewater Discharge Permits.

1. All significant industrial users and any industrial and commercial users, as required by the Township, shall obtain a wastewater discharge permit before connecting to or contributing to a POTW. All existing significant industrial users and any industrial and commercial users, as required by the Township, connected to or contributing to a POTW shall obtain a wastewater discharge permit.
2. *Application.* Users required to obtain a wastewater discharge permit shall complete and file with the Township an application in the form prescribed by the Township signed by the principal executive officer of the user and accompanied by an application fee as set forth in Section 6(H) of this Ordinance. New significant industrial users shall apply at least ninety-days (90) prior to connecting to or contributing to the POTW. In support of the application, the Township may require the user to submit, in units and terms sufficient for evaluation by the Township, the following information:

- a. Name, address, and location of the user.
- b. Standard Industrial Classification (SIC) number according to the Standard Industrial Classification Manual, Federal Bureau of the Budget, 1972, as amended.
- c. Wastewater constituents and characteristics, as determined by the superintendent. Sampling and analysis shall be performed in accordance with procedures and methods detailed by the EPA contained in 40 CFR 136, as amended. Where 40 CFR 136 does not include a sampling or analytical technique for the pollutant in question, sampling and analysis shall be performed in accordance with the procedures set forth in the EPA publication, Sampling and Analysis Procedures for Screening of Industrial Effluents for Priority Pollutants, April 1977, and amendments thereto, or with any other sampling and analytical procedures approved by the administrator of the EPA. The permit application shall indicate the time, date, and place of sampling, and methods of analysis, and shall certify that such sampling and analysis is representative of normal work cycles and expected pollutant discharges to the POTW.
- d. Time and duration of discharges.
- e. Average daily and instantaneous peak sewage flow rates, in gallons per day, including daily, monthly, and seasonal variations, if any. All flows shall be measured, unless other verifiable techniques are approved by the Township.
- f. Site plans, floor plans, mechanical and plumbing plans, including non-contact water cooling systems, and details showing all sewers, sewer connections, inspection manholes, sampling chambers and appurtenances by size, location, and elevation.
- g. Description of activities, facilities, and plant processes on the premises, including all materials that are or may be discharged to the wastewater treatment facilities.
- h. Nature and concentration of any pollutants or materials prohibited by this Ordinance in the discharge, together with a statement regarding whether or not compliance is being achieved with this Ordinance on a consistent basis and, if not, whether additional operation and maintenance activities and/or additional pretreatment is required for the user to comply with this Ordinance.
- i. Each product produced by type, amount, process or processes, and rate of production.

- j. Type and amount of raw materials utilized (average and maximum per day).
- k. Number and type of employees, hours of operation of plant and proposed or actual hours of operation of pretreatment system.
- l. Where additional pretreatment and/or operation and maintenance activities will be required to comply with applicable pretreatment standards, the user shall provide a declaration of the shortest schedule by which the user will provide such additional pretreatment and/or implementation of additional operational and maintenance activities. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard. The following conditions shall apply to this schedule:
 - (i) The schedule shall contain increments of progress in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the user to meet the applicable pretreatment standard. No increment referred to in this paragraph shall exceed nine (9) months.
 - (ii) Not later than fourteen (14) days following each date in the schedule and the final date for compliance, the user shall submit a progress report to the Township and the superintendent including, at a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress; the reason for delay, and the steps being taken by the user to return the construction to the schedule established. In no event shall more than nine (9) months elapse between such progress reports.
- m. A listing of all environmental control permits held by or for the user.
- n. Any other information required by 40 CFR Section 403.12 or any similar successor federal regulation.
- o. Any other information as may be deemed by the Township to be necessary to evaluate the permit application.

The Township and Superintendent will evaluate the data furnished by the user and may require additional information. After evaluation and acceptance of the data furnished, the Township may issue a wastewater

contribution permit subject to terms and conditions provided in this Ordinance.

3. *Permit Modifications.* Within nine (9) months of the promulgation of a national categorical pretreatment standard, the wastewater discharge permit of users' subject to such standards shall be revised to require compliance with such standards within the timeframe prescribed by such standard. Where a user subject to a national categorical pretreatment standard has not previously submitted an application for a wastewater discharge permit as required by Paragraph B of this subsection, the user shall apply for a wastewater discharge permit within one hundred eighty (180) days after the promulgation of the applicable national categorical pretreatment standards. In addition, the user with an existing wastewater discharge permit shall submit to the superintendent within one hundred eighty (180) days after the promulgation of an applicable federal categorical pretreatment standard the information required by subsections h and l of this section.
4. *Permit Conditions.* Wastewater discharge permits shall be expressly subject to all provisions of this ordinance and all other applicable regulations, user charges, and fees established by the Township. Permits may contain the following:
 - a. The unit charge or schedule of user charges and fees for the wastewater to be discharged to a community sewer.
 - b. Limits on the average and maximum wastewater constituents and characteristics.
 - c. Limits on average and maximum rate and time of discharge or requirements for flow regulations and equalization.
 - d. Requirements for installation and maintenance of inspection and sampling facilities.
 - e. Specifications for self-monitoring, sampling, reporting, notification and recordkeeping requirements, including an identification of the pollutants to be monitored, sampling location, sampling frequency, and sampling type, based on the applicable general pretreatment standards of 40 CFR 403, this Ordinance, categorical pretreatment standards, local limits, and state and local law.
 - f. Compliance schedules.
 - g. Requirements for submission of technical reports or discharge reports (see section 6(M)).

- h. Requirements for maintaining and retaining plant records relating to wastewater discharge as specified by the Township, and affording the Township access thereto.
 - i. Requirements for notification of the Township of any new introduction of wastewater constituents or any substantial change in the volume or character of the wastewater constituents being introduced into the wastewater treatment system.
 - j. Requirements for notification of slug discharges as per this Ordinance.
 - k. Other conditions as deemed appropriate by the Township to ensure compliance with this Ordinance.
5. *Duration of Permit.* Wastewater discharge permits shall be issued for a specified time period, not to exceed five (5) years. A permit may be issued for a period less than a year or may be stated to expire on a specific date. The user shall apply for permit reissuance a minimum of 90 days prior to the expiration of the user's existing permit.

The terms and conditions of the permit may be subject to modification by the Township during the term of the permit as limitations or requirements as identified in section 6(A) as may be modified or if other just cause exists. The user shall be informed of any proposed changes in his permit at least thirty (30) days prior to the effective date of change. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

6. *Nontransferability.* Wastewater discharge permits are issued to a specific user for a specific operation. A wastewater discharge permit shall not be assigned, transferred or sold to a new owner, new user or different premises.

M. Reporting Requirements for Permittee.

1. *Compliance Date Report.* Within 90 days following the date for final compliance by the user with applicable pretreatment standards or 90 days following commencement of the introduction of wastewater into the POTW by a new source, any user subject to pretreatment standards and requirements shall submit to the Township and the superintendent a report containing the information listed in 40 CRR 403.12(b)(4)–(6).
- a. For industrial users' subject to equivalent mass or concentration limits established by the Township, this report shall contain a reasonable measure of the user's long-term production rate. For all other industrial users' subject to categorical pretreatment standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of

operation), this report shall include the user's actual production during the appropriate sampling period.

2. The report shall state whether the applicable pretreatment standards and requirements are being met on a consistent basis and, if not, what additional operation and maintenance and/or pretreatment is necessary to bring the user into compliance with the applicable pretreatment standards and requirements. This statement shall be signed by an authorized representative of the user and certified to by a professional licensed to practice in the State as described in Section 5(B). Baseline Monitoring Report.

- a. Within 180 days after the effective date of a categorical pretreatment standard or 180 days after the final administrative decision made upon a category determination, whichever is later, existing industrial users subject to such categorical pretreatment standards and currently discharging to or scheduled to discharge to a POTW shall be required to submit to the Township and the superintendent a report which contains the information listed in 40 CFR 403.12(b).
- b. At least 90 days prior to commencement of discharge, new sources, and sources that become industrial users subsequent to the promulgation of an applicable categorical standard, shall be required to submit to the Township and the superintendent a report which contains the information listed in CFR 403.12(b). New sources shall also include in this report information on the method of pretreatment the source intends to use to meet applicable pretreatment standards.

3. *Periodic Compliance Report.*

- a. Any user subject to a categorical pretreatment standard, after the compliance date of such pretreatment standard, or in the case of a new source, after the commencement of the discharge into the POTW, shall submit to the Township and the superintendent during the months of June and December, unless required more frequently in the pretreatment standard or by the Township, a report indicating the nature and concentration of pollutants in the effluent which are limited by such categorical pretreatment standard. In addition, this report shall include a record of all measured or estimated average and maximum daily flows for the reporting period for the discharge reported in subsection (1) of this section, except that the Township and the superintendent may require more detailed reporting of flows. Flows shall be reported on the basis of actual measurement; provided, however, that where cost or feasibility considerations justify, the Township and/or the superintendent may accept reports of average and maximum flows estimated by verifiable techniques. The Township, for good cause shown considering such factors as local high

or low flow rates, holidays, budget cycles, or other extenuating factors, may agree to alter the months during which the reports required by this subsection are to be submitted.

- b. If sampling performed by an industrial user indicates a violation, the user shall notify the Township and the superintendent within 24 hours of becoming aware of the violation. The user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the Township and the superintendent within 30 days after becoming aware of the initial violation unless the POTW samples the user's discharge.
 - c. All analyses shall be performed in accordance with procedures contained in 40 CFR 136 and amendments thereto or with any other test procedure approved by the Township, MEDQ or EPA. Sampling shall be performed in accordance with the techniques approved by the administrator. Where 40 CFR 136 does not include sampling or analytical techniques are inappropriate for the pollutant in question, sampling and analysis shall be performed using validated and analytical methods or any other sampling and analytical methods or any other sampling and analytical procedures, including procedures suggested by the POTW or the approval authorities.
 - d. If an industrial user monitors any pollutant more frequently than required by the Township, using the procedures prescribed in subsection 3(c) of this section, the results of that monitoring shall be included in the report.
4. *Slug loading.* A user shall notify the POTW immediately of all discharges that could cause problems at the POTW, including, but not limited to, any slug loading of the prohibitions in Section 6(A), and 40 CFR 403.5(b).
5. *Reporting Requirements for all Industrial Users.*
 - a. Reporting requirements for industrial users' subject to federal categorical pretreatment standards are outlined in subsection (3) of this section.
 - b. Significant non-categorical industrial users shall submit to the Township and the superintendent at least once every six months, on dates specified by the Township, a description of the nature, concentration, and flow of the pollutants required to be reported by the Township. All sampling and analysis will be in accordance with all applicable State and Federal regulations.
 - c. The Township and the superintendent have the authority to require appropriate reporting from significant industrial users. Reporting requirements will be determined on a case-by-case basis.

- d. All reports shall be based on sampling and analysis performed in the period covered by the report.
 - e. All industrial users shall notify the POTW, the EPA Region V waste management division director, the MDEQ, and the Township in writing of any discharge into the POTW of a substance which, if otherwise disposed of, would be a hazardous waste under 40 CFR 261. Reporting requirements shall be in accordance with 40 CFR 403.12(p).
 - f. All industrial users shall promptly notify the POTW and the Township in advance of any substantial change in the volume or character of pollutants in their discharge, including the listed or characteristic hazardous wastes for which the industrial user has submitted initial notification under subsection 3(c) of this section and 40 CFR 403.12(p).
 - g. All users with existing SPCC plans, PIPPs or slug discharge action plans as described in section 6(G) shall submit these plans to the Township and the superintendent by June 1 of each odd-numbered year for review along with proposed changes and other such information as requested by the Township or the control authority required to conduct such a review.
6. *Annual Reports.* Each person issued a wastewater discharge permit shall submit a signed annual discharge report to the Township and the superintendent. The Township may require a permit holder to submit more frequent reports if in its judgment the wastes discharged are possibly in violation of this Ordinance. The report shall include, but not be limited to, nature of process, volume, rates of flow, mass emissions, production quantities, hours of operation, personnel or other information that relates to the generation, handling and discharge of wastes. The report may also include the chemical constituents and quantity of liquid or gaseous material stored on site. If insufficient data has been furnished, other information will be provided upon request.
7. *Signatory Requirements for Reports.* Any industrial user submitting a report required by this section shall include the following certification statement as set forth in 40 CFR 403.6(a)(2)(ii):

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

The report shall be signed by an authorized representative (corporate officer, general partner, proprietor, or duly authorized representative, as noted in 40 CFR 403.12(1)).

N. Bypass; Notice.

1. Bypassing is prohibited and the Township and/or the superintendent may take enforcement action against a user for a bypass unless:
 - a. Such bypass was unavoidable to prevent loss of life, personal injury, or severe property damage,
 - b. There was no feasible alternative to the bypass. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent bypass which occurred during periods of equipment downtime or preventive maintenance; and
 - c. The industrial user submitted proper notice of the bypass.
2. The Township may approve an anticipated bypass, after considering its adverse effects, if the Township determines that it will meet the three conditions listed under subsection 1 of this section.
3. An industrial user shall submit oral notice of an anticipated bypass that exceeds pretreatment limits to the Township and the superintendent within 24 hours from the time the user becomes aware of the bypass. A written submission as described in 40 CFR 403.17(c) shall also be provided within five (5) days of the time the user becomes aware of the bypass.

O. Monitoring Facilities.

1. When required by the Township and/or the superintendent, each user shall provide and operate, at the user's own expense, a monitoring facility to allow inspection, sampling, and flow measurement of each sewer discharge. Each monitoring facility shall be situated on the user's premises, except that, where such a location would be impractical or cause undue hardship on the user, the Township may concur with the facility being constructed in the right-of-way area provided that the facility is so located that it will not be obstructed by landscaping or parked vehicles. There shall be ample room in or near such sampling facility to allow accurate sampling and preparation of samples for analysis. The facility, sampling, and measuring equipment shall be maintained at all times in a safe and proper operating condition at the expense of the user.

2. All monitoring facilities shall be constructed and maintained in accordance with all applicable local construction standards and specifications.

P. Inspection and Sampling

1. *Access.* The Township and/or the superintendent may inspect the facilities of any user to ascertain whether the purpose of this Ordinance is being met and all requirements are within compliance. Persons or occupants of premises where wastewater is created or discharged shall allow the Township or their representative ready access at all reasonable times to all parts of the premises for the purposes of inspection, sampling, records examination or in the performance of any of their duties. Where a user has security measures in force which would require proper identification and clearance before entry into their premises, the user shall make necessary arrangements with their security guards so that upon presentation of suitable identification, personnel from the Township, MDEQ and EPA will be permitted to enter, without delay, for the purposes of performing their specific responsibilities under this Ordinance.
2. *Sampling and Inspection.* The Township, superintendent, MDEQ and EPA shall have the right to set up on the user's property such devices as are necessary to conduct sampling, inspection, compliance monitoring and/or metering operations.
3. *Annual Sampling.* The Township shall at its discretion conduct annual, or more frequent if required, independent compliance sampling of effluents generated by users identified as SIUs.

Q. Pretreatment.

Users shall provide necessary wastewater treatment as required to comply with this section and shall achieve compliance with all federal categorical pretreatment standards within the time limitations as specified by the federal pretreatment regulations. Any facilities required to pretreat wastewater to a level acceptable to the Township shall be provided, operated, and maintained at the user's expense. Detailed plans showing the pretreatment facilities and operating procedures shall be submitted to the Township and the superintendent for review, and shall be acceptable to the Township and the superintendent before construction of the facility. The review of such plans and operating procedures will in no way relieve the user from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the Township under the provisions of this ordinance. Any subsequent changes in the pretreatment facilities or method of operation shall be reported to and be acceptable to the Township and the superintendent prior to the user's initiation of the changes.

R. Confidential Information.

All information and data on a user obtained from reports, questionnaires, permit applications, permits and monitoring programs and from inspections shall be available to the public

without restriction, unless the user specifically requests the information be classified confidential on the basis of proprietary processes. When information is classified as confidential, the Township Clerk shall provide proper and adequate facilities and procedures to safeguard the confidentiality of manufacturing proprietary processes, except that confidentiality shall not extend to waste products discharged to the waters of the state. All records relating to compliance with pretreatment standards shall be made available to officials of the EPA or approval authority by request.

S. Enforcement; Violations & Penalties

1. *Affirmative Defense.* A user shall have an affirmative defense in any action brought against it alleging a violation of the general prohibitions in Section 6 and 40 CFR 403.5(a)(2).
2. *Injunctive Relief.* The Township shall obtain remedies for noncompliance by any industrial user with any pretreatment standard and requirement. All POTWs shall be able to seek injunctive relief for noncompliance by industrial users with pretreatment standards and requirements. Each violation by industrial users of pretreatment standards and requirements shall be responsible for a municipal civil infraction. The fines and penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. For purposes of assessing fines and penalties only, a violation under this section shall be classified as a Class B municipal civil infraction. Each day upon which such violation occurs shall constitute a separate offense.
3. *Emergency Suspension of Service or Permit.*
 - a. The Township and/or the superintendent may suspend the wastewater treatment service and/or a wastewater discharge permit when such suspension is necessary, in the opinion of the Township and/or the superintendent, in order to stop an actual or threatened discharge which presents or may present an imminent or substantial endangerment to the health or welfare of persons or to the environment, causes interference to the POTW or causes the POTW to violate any condition of its NPDES permit.
 - b. Any person notified of a suspension of the wastewater treatment service and/or the wastewater discharge permit shall immediately stop or eliminate the contribution. In the event of a failure of the person to comply voluntarily with the suspension order, the Township and/or the superintendent shall take such steps as deemed necessary, including immediate severance of the sewer connection, to prevent or minimize damage to the POTW system or endangerment to any individuals. The Township shall reinstate the wastewater discharge permit and/or the

wastewater treatment service upon proof of the elimination of the noncomplying discharge and upon concurrence with the superintendent. A detailed written statement submitted by the user describing the causes of the harmful contribution and the measures taken to prevent any future occurrence shall be submitted to the Township and the superintendent within 15 days of the date of occurrence.

4. *Revocation of Permit.* Any user who violates the following conditions of this section, or applicable state and federal regulations, is subject to having his permit revoked in accordance with the procedures of this section:

- a. Failure of a user to factually report the wastewater constituents and characteristics of its discharge;
- b. Failure of the user to report significant changes in operations, or wastewater constituents and characteristics;
- c. Refusal of reasonable access to the user's premises for the purpose of inspection or monitoring; or
- d. Violation of conditions of the permit.

5. *Notification of Violation.* Whenever the Township finds that any user has violated or is violating this Ordinance, its wastewater discharge permit, or any prohibition, limitation or requirements contained within, the Township shall serve or cause to be served upon such user a written notice, either personally or by certified or registered mail, return receipt requested, stating the nature of the alleged violation. Within 30 days of the date of receipt of the notice, the discharger shall respond personally or in writing to the Township, advising of its position with respect to the allegations. Thereafter, the parties shall meet to ascertain the veracity of the allegations and, where necessary, establish a plan for the satisfactory correction thereof.

6. *Show Cause Hearing.*

- a. The Township may order any user that causes or allows conduct prohibited by subsection L4 of this section to show cause before the Township or its duly authorized representative why the proposed service termination action should not be taken. A written notice shall be served on the user by personal service, or by certified or registered mail, return receipt requested, specifying the time and place of a hearing to be held by the Township or its designee regarding the violation, the reasons why the enforcement action is to be taken, the proposed enforcement action, and directing the user to show cause before the Township or its designee why the proposed enforcement action should not be taken. The notice of the

hearing shall be served personally or by registered or certified mail not less than ten days before the hearing. Service may be made on any agent, officer, or authorized representative of a user.

- b. The Township Board may itself conduct the hearing and take the evidence or may designate any of its members or any officer or employee of the assigned department to:
 - (i) Issue in the name of the Township Board notices of hearings requesting the attendance and testimony of witnesses and the production of evidence relevant to any matter involved in such hearings;
 - (ii) Take the evidence
 - (iii) Transmit a report of the evidence and hearing, including transcripts and other evidence, together with recommendations to the Township Board for action thereon.
- c. At any hearing held pursuant to this section, testimony taken must be under oath and recorded stenographically. The transcript so recorded will be made available to any member of the public or any party to the hearing upon payment of the usual charges therefore.
- d. After the Township Board has reviewed the evidence, it may issue an order to the user responsible for the discharge directing that, following a specified time period, the sewer service be discontinued unless adequate treatment facilities, devices or other related appurtenances shall have been installed on existing treatment facilities, and that such devices or other related appurtenances are properly operated. Further orders and directive as are necessary and appropriate may be issued.

7. *Judicial Proceedings.* Following the entry of any order by the Township with respect to the conduct of a user contrary to the provisions of subsection 4 of this section, the Township attorney may, following the authorization of such action by the Township commence an action for appropriate legal and/or equitable relief in the appropriate local court.

8. *Publication of Violations.*

- a. The Township shall annually publish in the newspaper a list of users that, during the previous 12 months, were in significant noncompliance with applicable pretreatment standards or other pretreatment requirements.

The notification shall also summarize any enforcement actions taken against the users during the same 12 months.

b. For purposes of this subsection, an industrial user is in significant noncompliance if its violation meets either one or more of the criteria listed in 40 CFR 403.8(f)(2)(vii) or which:

- (i) Remains uncorrected for 30 days after notification of noncompliance,
- (ii) Resulted in the Township exercising its right to suspend service pursuant to subsection (c) of this section, or
- (iii) Resulting in emergency suspension under §.3 of this section.

9. *Right of Appeal.* Any user or any interested party shall have the right to request in writing an interpretation or ruling by the Township on any matter covered by this Ordinance and shall be entitled to a prompt written reply. If such inquiry is by a user and deals with matters of performance or compliance with this section for which enforcement activity relating to an alleged violation is the subject, receipt of a user's request shall stay all enforcement proceedings pending receipt of the aforesaid written reply. Appeal of any final judicial order entered pursuant to this section may be taken in accordance with local and state law.

10. *Operations Upsets.* An upset shall constitute an affirmative defense to an action brought for noncompliance with categorical pretreatment standards.

a. For the purposes of this section, "upset," means an exceptional incident in which there is unintentional and temporary noncompliance with categorical pretreatment standards because of factors beyond the reasonable control of the user. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, lack of preventive maintenance, or careless or improper operation.

b. A user who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence, that:

- (i) An upset occurred and the user can identify the cause(s) of the upset.

- (ii) The facility was at the time being operated in a prudent and workmanlike manner in compliance with applicable operation and maintenance procedures.
 - (iii) The user submitted the following information to the POTW within 24 hours of becoming aware of the upset (if this information is provided orally, a written submission must be provided within five days). Including:
 - A description of the indirect discharge and cause of noncompliance.
 - The period of noncompliance, including exact dates and times, or, if not corrected, the anticipated time the noncompliance is expected to continue.
 - Steps being taken and/or planned to reduce, eliminate and prevent recurrence of the noncompliance.
- c. In any enforcement preceding the user seeking to establish the occurrence of an upset shall have the burden of proof.

11. Violations; Penalties

- a. *Violation or Noncompliance with Section or Wastewater Discharge Permit.* Any user who is found to have violated an order of the Township or who willfully or negligently failed to comply with any provision of this section or any orders, rules, regulations and permits issued under this section shall be responsible for a municipal civil infraction. The fines and penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. For purposes of assessing fines and penalties only, a violation under this section shall be classified as a Class B municipal civil infraction. Each day upon which such violation occurs shall constitute a separate offense.
- b. *Falsifying Information.* Any person who knowingly makes any false statement, representation or certification in any application, record, report, plan or other document filed or required to be maintained pursuant to this Ordinance, or a wastewater discharge permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this Ordinance, shall be responsible for a municipal civil infraction. The fines and penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. For purposes of assessing fines and penalties only, a violation under this section shall be classified as a Class B municipal civil infraction.

T. Adjustments to Categorical Standards.

Any industrial user may seek an adjustment in the categorical pretreatment standards to reflect the presence of pollutants in the industrial user's intake water. The Township may allow a credit therefore in accordance with 40 CFR 403.15.

U. Removal Credits.

A credit may be allowed for the reduction in the amount of a pollutant in the POTW's effluent or alteration of the nature of a pollutant during treatment at the POTW. The reduction or alteration can be obtained by physical, chemical or biological means and may be the result of specifically designed POTW capabilities or may be incidental to the operation of the treatment system. Removal as used in this section shall not mean dilution of a pollutant in the POTW. The Township may allow a credit in accordance with 40 CFR 403.7.

V. Records Retention.

All users subject to this Ordinance shall retain and preserve, for no less than three years, any records, books, documents, memoranda, reports, correspondence and any and all summaries thereof, relating to monitoring, sampling and chemical analyses made by or on behalf of the user in connection with its discharge. A record which pertains to matters which are the subject of administrative adjustment or any other enforcement or litigation activities brought by the Township pursuant to this section shall be retained and presented by the user until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

Section 7.0. Use and Charges for Wastewater Treatment Plant.

A. Use of Public Sewers Required.

1. Except as otherwise provided herein, no person shall construct, maintain, or use any cesspool, septic tank, seepage pit, toilet device, sub-surface disposal field, privy, privy vault, sewage disposal facility, or any other facility or device intended or used for the disposal of sewage unless the same is not dangerous to public health and public sanitary sewer system capacity is unavailable and is specifically permitted and approved by the Township, Livingston County Health Department, and, where appropriate, the DEQ and/or MDPH.
2. It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner upon public or private property within the Township, or in any area under the jurisdiction of the Township, any human or animal excrement, garbage, or other objectionable waste unless such deposits are in compliance with Township ordinance.

3. It shall be unlawful to discharge to any natural outlet within the Township, or in any area under the jurisdiction of the Township, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with the provisions of this section.

4. *Mandatory Connections*

- a. *New and existing structures located within sewer special assessment districts (SSAD).* Any existing structure located within a special assessment district created for the purpose of building and/or maintaining a sanitary sewer shall connect to the available sanitary sewer within twelve (12) months after publication by the Township of a legal notice of the availability of the sanitary sewer in a newspaper of general circulation in the Township and/or by individual notice. Connection for any new structure must be made prior to the time the structure is occupied.
- b. *Existing structures not located within sewer special assessment districts (SSAD).* Any existing structure shall connect to the sanitary sewer after publication by the Township of a legal notice of the availability of the sanitary sewer in a newspaper of general circulation in the Township and/or by individual notice. For purposes of this section, a sanitary sewer shall be considered to be available when it is located not more than four hundred feet (400') at the nearest point from the structure. All existing structures shall connect upon the earlier of the occurrence of the following events:
 - (i) In the case where on-site sewage disposal exists for which no permits were issued by the LCHD, DEQ, and/or MDPH, connections must be made immediately.
 - (ii) Whenever any modifications to or replacement of any on-site sewage disposal systems that requires the issuance of a permit through LCHD, DEQ, and/or MDPH.
- c. *New structures not located within sewer special assessment districts (SSAD).* Any new structure shall connect to the available public sanitary sewer when the structure is located not more than four hundred feet (400') from the nearest point from the available sanitary sewer. All connections must be made prior to the time the structure is occupied.
- d. If any structure in which sewage originates has not been connected to an available sanitary sewer within the applicable time periods specified herein, then the Township shall require the connection to be made in accordance with Section 12754 of Part 127 of Public Act No. 368 of 1978, as amended (MCL 127.12754). In so proceeding, the Township shall have the

rights and remedies provided for therein, shall have the right to begin billing for sewer operations and maintenance, as well as the rights and remedies provided by this Ordinance.

5. An existing on-site building sewer may be used in connection with a new building and premises only where it is found, on inspection by the Township, to be of adequate construction, size, and location, and is not otherwise required to be connected to an available public sanitary sewer according to the terms of this Ordinance.
6. Connection to or extension of an existing sanitary sewer shall not be permitted if it is determined that the receiving sewer or treatment plant cannot handle the additional influent flow.

B. Private Sewage Disposal; Permit; Fee.

1. If a house, building, or other premises used for human occupancy, employment, recreation or other purposes is not required to be connected to a sanitary sewer, then the building sewer shall be connected to a private sewage disposal system permitted and approved by the Township, Livingston County Health Department and, where appropriate, the DEQ and/or MDPH. Private sewage disposal systems shall not allow surface water discharge.
2. At such time as a Public Sewer becomes available to a property served by a private sewage disposal system, a direct connection shall be made to the Public Sewer in compliance with all terms and conditions of state statutes or pertaining Township ordinances.
3. The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times at no expense to the Township.
4. At such time as a connection is made to a sanitary sewer, all private sewage disposal facilities shall be disconnected and abandoned. All abandoned septic tanks, cesspools, and seepage pits shall be pumped out as necessary and filled with sand or other suitable backfill material approved by the state and local agencies within fifteen (15) days of connection to the Public Sewer.
5. The provisions of this section shall not be construed to preclude additional requirements that may be imposed by the DEQ, MDPH, Health Department, or Township.

C. Building Sewers and Connections.

1. No unauthorized person shall uncover, make any connections with or openings into, use, alter or disturb any Public Sewer or appurtenance thereof without first obtaining a written permit from the Township pursuant to this ordinance.
2. An inspection fee and a connection fee per unit as established by the Township Board shall be paid to the Township Treasurer whenever an application is filed to connect any building sewer to a Public Sewer. Application shall be made on the form by the Township. The inspection fee shall be deposited in the sewer enterprise fund. The payment of inspection and connection fees as stated in Section 7(H) shall be made when a building permit is obtained in conjunction with the connection.
3. All costs and expenses incident to the installation, connection and maintenance of the building sewer up to and including its point of connection to the Public Sewer shall be borne by the owner. The owner shall indemnify the Township from any loss or damage that may directly be caused by installation, connection, or maintenance of the building sewer.
4. A separate and independent building sewer shall be provided for every building; except that, where one building stands at the rear of another and no private sewer is available or can be constructed to the rear building through an adjoining alley, court, yard or driveway, the building sewer from the front building may, at the discretion of the Township, be extended to the rear building and the whole considered as one building sewer.
5. The size, slope, alignment, materials of construction of a building sewer, and the methods to be used in excavating, placing of the pipe, jointing, testing and backfilling the trench, shall all conform to the requirements of the building and plumbing codes or other applicable rules and regulations of the state and the Township. In the absence of code provisions or in amplification thereof, the materials and procedures set forth in appropriate specifications of the A.S.T.M. and W.E.F. Manual of Practice No. 9 shall apply.
6. Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. In all buildings in which any building drain is too low to permit gravity flow to the Public Sewer, sanitary sewage carried by such building drain shall be lifted by an approved means and discharged to the building sewer.
7. No person shall make connection of roof downspouts, exterior foundation drains, areaway drains or other sources of surface runoff or groundwater to a building sewer or building drain that, in turn, is connected directly or indirectly to a public sanitary sewer.

8. The connection of the building sewer into the Public Sewer shall conform to the requirements of the building and plumbing codes or other applicable rules and regulations of the state and the Township, or the procedures set forth in appropriate specifications of the A.S.T.M. and the W.E.F. Manual of Practice No. 9. All such connections shall be made gastight and watertight. Any deviation from the prescribed procedures and materials shall be approved by the Township before installation.
9. The applicant for the building sewer permit shall notify the Township when the building sewer is ready for inspection and connection to the Public Sewer. The connection shall be made under the supervision of the Township or its authorized representative. No backfill shall be placed until the work has been inspected and approved by the Township.
10. All excavations for building sewer installations shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Township.

D. On-Lot Easement Requirements.

Prior to the approval and issuance of a Service Connection permit, the applicant will be requested to have executed by the Owner(s) of record for the premises to be connected, an easement in a form provided by the Township granting permission to the Township to operate, maintain, repair and replace the Sewer Connection to be installed on the premises.

1. If the applicant provides such easement, then the Township shall provide, at its cost, all needed repairs, operation, maintenance and replacement of the Service Connection in accordance with this Ordinance.
2. If the applicant, for any reason declines to provide said easement, then the permit shall be issued at the discretion of the Township, together with an appropriate bill of sale conveying from the Township to the Owner title to all components comprising the Service Connection. Following installation of the Service Connection by the Owner (which installation is subject to inspection by the Township in accordance with the terms of this Ordinance), the Owner shall, at his or her expense, repair, operate, maintain and replace the Service Connection in accordance with Section 7(F) below.
3. An owner or his or her successor may, at any time following the installation of a Service Connection on a premise for which no easement was provided to the Township prior to the issuance of a permit, grant the appropriate easement to the Township. The Township shall accept said easement and assume the responsibility

for repair, operation, maintenance and replacement provided that the Township has inspected the Service Connection and is satisfied that the Service Connection is in good working order, reasonable wear and tear excepted.

In the event such inspection reveals that the Service Connection has not been properly maintained or that the condition of the Service Connection has deteriorated beyond reasonable wear and tear, the Township may condition its acceptance of the easement and assumption of the financial responsibility for operation, maintenance and repair and replacement of the Service Connection upon:

- (i) appropriate repairs of the Service Connection at the expense of the Owner,
- (ii) replacement of the Service Connection or individual components thereof at the expense of the Owner or
- (iii) such other conditions as the Township, in the exercise of its reasonable judgment, deems appropriate.

The acceptance of the easement by the Township shall be accompanied by an executed Bill of Sale by the Owner conveying the Service Connection to the Township.

4. Section 7(D) shall not apply to any premises for which the installation of the Service Connection was made by a contractor engaged by a Developer or the Township pursuant to any Agreement addressing all sewer issues or any future supplement or amendment thereto, it being the assumption in these circumstances that the Owner granted an appropriate easement through the development project's Master Deed and Bylaws prior to said installation.

E. Use of Public Sewers.

1. No person shall discharge or cause to be discharged to any sanitary sewer any storm water, surface water, groundwater, roof runoff, subsurface drainage, cooling water, unpolluted air conditioning water, or industrial process water. Discharge of backwash from water conditioning devices shall not be discharged into the sanitary sewer system. No footing drain, roof downspout, areaway drain, or other source of surface water or groundwater shall be connected to a sanitary sewer. All footing drain water shall be discharged to storm sewers or dry wells. Storm water and all other unpolluted drainage shall be discharged to sewers specifically designated as storm sewers, or to a natural outlet approved by the DEQ. The discharge of cooling water or uncontaminated industrial process water shall only be permitted when authorized and approved by the DEQ and the Township in accordance with this Ordinance.

2. No person shall discharge or cause to be discharged into any sanitary sewer any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of three-fourths horsepower or greater shall be subject to the review and approval of the DPW field superintendent.
3. No person shall discharge or cause to be discharged into any sanitary sewer materials that exert or cause unusual concentrations of inert suspended solids, such as but not limited to fuller's earth, lime slurries, and lime residues, or of dissolved solids, such as but not limited to sodium chloride and sodium sulfate. All users shall be required to utilize a potassium based softening agent; salt or sodium based regenerates are prohibited.
4. The property owner, or an approved contractor hired by the owner, must disconnect all backwash discharge lines, including but not limited to water softeners, air conditioning units, water processing or conditioning equipment, storm drains etc., from the building sewer. The following are some (not all) methods of disposing of water softener discharge:
 - a. Run the discharge line to the outside and let the water run onto the ground.
 - b. Install a below-ground infiltration basin (drywell): Bury a container in the ground, fill it with stone or sand, and run the discharge line to the container. Drill holes in the container to allow the water to seep into the surrounding soil. A sump pump tub, which ranges in size from 15 to 24 inches in diameter to 2 to 4 feet in depth, is an example of a container that could be used.
 - c. Convert an existing septic tank: Pump out and clean your existing septic tank, break holes in the bottom of the tank and fill the tank with stone. Disconnect and plug the outlet pipe to the tile field to prevent groundwater from flowing back into the tank.
5. If any waters or wastes are discharged or are proposed to be discharged to the Public Sewers, which waters contain the substances or possess the characteristics which in the judgment of the Township and/or the superintendent may have a deleterious effect upon the POTW, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Township and/or the superintendent may:
 - a. Reject the wastes.

- b. Require pretreatment to an acceptable condition for discharge to the Public Sewers.
- c. Require control over the quantities and rates of discharge.
- d. Require payment to cover the added cost of handling and treating wastes not covered by existing taxes or sewer charges.

If the Township permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the requirements of all applicable codes, ordinances, and laws.

6. Where the preliminary treatment or flow equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.

F. Construction, Repair and Maintenance.

1. *Application.* Any person desiring to connect to the POTW shall file a written application to the Township Clerk and pay the applicable permit and inspection fees established by resolution of the Township Board.
2. *Permit Required.* No person in the Township shall connect to a Public Sewer unless the proposed connection has first been approved by the Township or its designated representative and the applicable fees have been paid. Such applications shall be addressed to the Township and shall be made on forms provided by the Township and shall contain the following: street name, house number, lot number, the name of the plumber or contractor, the names of the applicant and the owner, and any other pertinent information which may be required by the Township. A complete application must be made, the applicable fees paid, and approval obtained from the Township at least seventy-two (72) hours before the time a connection is to be made. Connection permits will be issued to Builders if the prospective lessee or owner consents in writing to the obtaining of such permit by the Builder.
3. Public Sewer connections shall be installed in accordance with the applicable building code and the regulations of this Ordinance and upon the payment of the required charges and fees.
4. The owner of building or premises, or his authorized representative, shall be responsible, at his own cost, for the installation, connection and maintenance of the building sewer for such building or premises up to and including its connection with the Public Sewer.

5. Owner Related Sewer Repairs. The Owner and, where appropriate, his authorized representative, shall indemnify and hold the Township, its officers, agents, employees, and representatives free and harmless from any liability or responsibility for all injury, loss or damage that may result directly or indirectly from any damages resulting from the Owner's negligence or misuse of the HTSSS as follows:

- (i) Costs incurred by the Township resulting from increasing numbers of sewer emergency calls for owner related sewer repairs, including but not limited to, building sewer pipe blockages, shut-off power breakers.
- (ii) The Township shall otherwise be authorized to recoup all costs and expenses associated with sewer emergency calls for Owner related operation and/or maintenance services.
- (iii) If the Township provides repairs or services, the Owner shall be responsible for the full and prompt reimbursement to the Township for all Township DPW staff time, costs, labor, and/or materials incident to said operation and maintenance plus a 10% administration fee.

Pursuant to the authorization to charge Owners for costs and expenses incurred in providing services for owner related sewer repairs the following collection procedures shall apply:

- a. The DPW field superintendent shall prepare an invoice outlining the charges, including labor, materials, and a 10% administrative fee, resulting from DPW staff services provided for owner related sewer repairs. Upon approval, the invoice shall be forwarded to the property owners with a copy filed with the Utilities Coordinator.
- b. Invoices for owner related sewer repairs shall be due and owing within 30 days from the date of issuance of the billing statement. If payment is not made within the allotted time a reminder letter shall be sent stating the bill is past due and that failure to submit payment within 30 days may result in the shut-off of sewer service.
- c. Upon receipt of the invoice, the Owner may report any disagreements or objections related to the invoice to the Utilities Director within 7 days of delivery of the billing statement.
- d. The Utilities Director shall investigate the owner disputed charges with the DPW personnel to determine if charges are correct and will stand as billed

or if a reduction or amendment of the fees is warranted. If the charges are reduced or amended a new invoice will be issued to the Owner.

- e. If the Owner is not satisfied with the determination made by the Utilities Director they shall have the right to appeal the sewer repair charges to MUC. The Utilities Director shall forward all documentation to MUC for their review and recommendation to the Board of Trustees.
- f. If the Township Board of Trustees determines that the Owner is responsible for the sewer repair costs, the Owner shall reimburse the Township for said expenditures immediately. Failure to pay the invoice for Owner related charges may result in sewer service being shut-off. The Owner shall be responsible for all cleanup costs or expenses associated with the sewer service disconnection, and will be subject to and must pay all costs relating to any startup of the system associated with the re-activation of sewer service.
- g. Any unpaid charges or costs for such repairs, operation or maintenance may, at the option of the Township Board, be added to the ad valorem tax bills of the property benefitted by the said Township repairs or services.

G. Township Liability Exemption; Indemnification.

- 1. The Township shall not be responsible for interruptions of service because of natural calamities, equipment failures, or actions of the system users. It shall be the responsibility of the user that all connected equipment remains in good working order. No claim shall be made against the Township by reason of the breaking away of any service supply lines, pipes, appurtenances, or for any other interruption of the wastewater disposal and treatment.
- 2. The user and, where appropriate, his authorized representative, shall indemnify and hold the Township, its officers, agents, employees, and representatives free and harmless from any liability or responsibility for all injury, loss, or damage that may result directly or indirectly from the installation, connection or maintenance of the building sewer.

H. Rates and Charges

- 1. Connection Fee
 - a. Before an initial connection is made or additional usage resulting from building alterations or change in building usage is added to a Public Sewer, a fee known as the sewer connection fee shall be paid to the Township Treasurer. The connection fee shall be established by Township Board resolution referred to as "Appendix 1 Table of Unit Factors" of the

Wastewater Treatment and Administration Ordinance. REU(s) shall be defined as one (1) REU is equivalent to One Hundred Fifty (150) gallons per day.

- b. In addition to the Connection Fee, the Owner of the premises shall be liable for the costs and expenses of acquiring and installing the Service Connection pursuant to Township specifications on file at the Township.
- c. Subject to the provisions of Section 7(H)(1)(d)(REU computation provision), those parcels located in a sewer special assessment district and subject to a full special assessment on the special assessment roll shall be deemed to have paid the connection fee and, if applicable, the cost of acquiring and installing the service connection.
- d. Determination of Residential Equivalency Unit
 - (i) A single-family residential building shall constitute a dwelling unit and shall be charged a minimum connection fee of one REU. Premises other than a single-family residential unit shall pay a connection fee based upon the number of REUs assigned to such premises by Appendix 1 Table of Unit Factors.
 - (ii) Upon connection to the system, a non-residential user shall have a water meter, of the size and type approved by the Township, installed on the user's water supply. The user shall purchase the meter through the Township. The cost of both the meter and the installation shall be paid for by the user with the installation to be made by the user and approved by the Township. Wiring the meter to an electronic touchpad shall be included as part of the water meter installation and will also be subject to Township approval. User will have 30 days to comply with this Ordinance after receiving notice from the Township. Users who fail to receive Township approval for their water meter installation shall receive a written warning for their first offense. All subsequent offenses will be responsible for a Class B municipal civil infraction. The penalties as set forth in Section 6.0 entitled "Sanctions for Violations" of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. If, after ninety (90) days of civil infractions, Township approval is still not met, sewer services shall be disconnected. The user shall be responsible for all reconnection costs.

After two (2) years of meter readings have been obtained, the REUs assigned to the premises, in accordance with this Section,

shall be recalculated based on said meter readings using an equation, the numerator of which shall be the meter readings, in gallons, for the twenty-four (24) month period and the denominator which shall be one hundred and eight (108) thousand gallons. The resulting number of REUs shall be multiplied by the requisite connection fee, direct or indirect, to determine any adjusted connection fee for the premises. The number of REUs shall not be less than the number of REUs originally assigned and the original connection fees will not be adjusted. The subsequent operation and maintenance (O & M) rate shall be adjusted to the new REU allocation.

The Township may enter into an agreement with a non-residential user to pay additional connection fees in installments pursuant to the terms of a written agreement to be entered between the Township and said user(s) providing for annual installment payments to the Township for a period of time not to exceed fifteen (15) years or extend beyond the period of debt retirement, whichever is earlier, with interest on the unpaid balance at a rate not more than one percent (1%) higher than the average rate of interest on the bonds sold for the initial construction of the System. Said agreement shall be executed and the first installment shall be payable prior to the issuance of a service connection permit pursuant to Section 7(F), above. All subsequent installments shall be paid according to the terms agreed upon by the parties.

- (iii) For any subsequent enlargement, addition, extension or improvements to any structure or change of use of the building, the Township may require a review and redetermination of the REUs for that structure. Upon finding by the Township after such REU review and redetermination that additional connection fees are required, the owner shall immediately pay the required additional fees.
- (iv) All SRU buildings and/or structures shall pay a connection fee based upon the number of REUs assigned to such premises as set forth by Appendix 1 Table of Unit Factors. All SRUs shall be charged a minimum connection fee of at least one REU. No food service facilities, i.e., kitchens, cooking areas, etc. will be allowed in a building or structure designated as seasonal recreational use.
- (v) Upon connection to the HTSSS, all SRU buildings shall have a water meter, of the size and type approved by the Township, installed on the user's water supply. The user shall purchase the

meter through the Township. The cost of both the meter and the installation shall be paid for by the user with the installation to be made by the user and approved by the Township. Wiring the meter to an electronic touchpad shall be included as part of the water meter installation and will also be subject to Township approval. User will have thirty (30) days to comply with this provision after receiving notice from the Township. If after ninety (90) days, Township approval is still not met, sewer service shall be disconnected. The user shall be responsible for all reconnection costs.

Water meters shall be read on a quarterly basis by the DPW staff during the peak seasonal use times for the property utilizing the electronic touchpad on the outside of the building. After two (2) years of peak seasonal use meter readings have been obtained, based upon the intended seasonal recreation use, the REUs assigned to the premises, in accordance with the Wastewater Treatment and Administration Ordinance, shall be re-determined based on said meter readings.

Upon review and determination that additional connection fees are required based upon the water meter readings, the owner shall immediately pay the required additional fees. The number of REUs shall not be less than the number of REUs originally assigned, and the original connection fees will not be adjusted.

- (vi) Non-residential users, including seasonal recreation use buildings and structures, upon connection to the sewer system shall be required to install a Duplex grinder pump station. All users shall have a grinder pump station, of the size and type approved by the Township, installed on the user's premises. The user shall purchase the grinder pump station through the Township. In the event that the hook-up to the HTSSS can be made by connecting into an existing curb stop with check valve, the property owner shall have the option to hire a Township approved contractor to complete the sewer connection, provided the contractor used is on the Township's approved list of who can qualify for training, at the contractor's own expense, with the Township Engineer and DPW Field Superintendent. If it is determined by the DPW Field Superintendent and Township Engineer that the sewer connection will require tapping into a live sewer main or transmission line, the user will be required to hire a Contractor from the Township's approved list that is authorized and approved by the DPW Field Superintendent and the Municipal Utilities Committee. Contractors performing live main sewer taps shall be required to

uphold all insurance and warranty assurances as established by the Township.

- (vii) Permitted SRUs already connected to the Hamburg Township Sanitary Sewer System (HTSSS) upon adoption of this Ordinance that currently have a Simplex (Model 2010-93) grinder pump station will be reviewed by the Hamburg Township Municipal Utilities Committee. If it is determined by the DPW staff that the water meter readings in a peak quarterly period do not exceed one (1) REU for water usage for the property a Simplex grinder pump station shall be deemed acceptable and the SRU will not be required to convert to a Duplex grinder pump station. If it is determined that actual water usage does exceed one (1) REU during peak seasonal usage the SRU will be required to install a Duplex grinder pump station at the user's expense.

e. Administrative Appeal of Sanitary Sewer REU Determination

Except for REU allocations which are a part of a proposed or established Special Assessment District, every property owner has a right to an administrative appeal of the initial Sewer Residential Equivalent Unit (REU) determination and allocation made by the Township Board. Appeals of such determination or allocation shall be submitted to the Municipal Utilities Committee (MUC). Only owners of property affected by such a determination or allocation have standing to file the Appeal. Any action taken by MUC is advisory in nature and shall be re-submitted to the Township Board for a final determination as provided below:

- (i) The Appeal must be by an owner, or an owner's authorized agent, within 30 days from the date of the initial Township Board REU determination or allocation for which the appeal is filed. The appeal must be based on certified Engineer's letter of review of the determination or allocation stating the reasons why the determination or allocation is being disputed as well as any other documentation that is relative to the appeal including the current REU schedule, evidence of actual maximum usage, metering where appropriate or required, the economic life of the Sanitary Sewer System, the uses or classes of uses involved, the history of the use of the property in the community and similar communities together with any rates, policies or fees of similar communities, and any and other data deemed relevant to make a recommendation or determination, all of which must be submitted with the application for appeal. Failure to file a timely appeal will result in the Owner's acquiescence to the REU

allocation and the owners shall be deemed to have consented to the allocation.

(ii). Upon receipt of the application for appeal, MUC shall fix a hearing date for the appeal. The date shall be scheduled within 60 days from the date of the filing of the notice of appeal. The hearing shall comply with the Open Meeting Act. MUC shall make its recommendation no later than 90 days after the appeal has been filed. However, MUC may extend the time required for the recommendation up to 60 days by a decision of a majority of the members of MUC. The extension must be based upon good cause shown and any decision for such an extension shall state the reasons the extension was granted.

(iii) Minutes of all such meetings shall be recorded and state the grounds for each recommendation made by MUC, including any evidence and data considered and a brief summary of all findings of fact and conclusions made by MUC. Claims of economic hardship shall not be considered by MUC in making its recommendation. The recommendation shall be forwarded to the Township Board of Trustees for final approval of the REU allocation and any issues relating thereto.

(iv) The recommendations of MUC shall be submitted to the Township Board which shall make a final decision on the REU determination and allocation for which the appeal was filed. This decision may confirm, reverse or modify the original determination or allocation. This Township Board may also impose additional conditions relating to the said REU determination and allocation. The action taken by the Township Board is final. Any appeals from the decision must be made to a Court with proper jurisdiction.

(v) Upon any enlargement, addition, expansion or improvements to any structure or property, or change of use of the building, the Township may require a new review and determination of the REU's. In the event the Township determines additional REU's are in order, additional connection fees and any costs or expenses related to the REU determination shall be paid in full upon Township approval of said enlargement, addition, expansion or improvement.

f. Hardship Deferment

The owner or owners of a single-family residence, in which residence said owner or owners reside and upon which a connection fee has been imposed,

may submit a hardship application to the Township seeking a deferment in the partial or total payment of the connection fee provided for herein, based upon a showing of financial hardship, in accordance with the criteria established for granting such deferment by the Township Board from time to time, subject to and in accordance with the following:

- (i) The owner(s) of the premises shall, under oath, complete a hardship application, provided by the Township Board, and file said application, together with all file information and documentation reasonably required by the Township, with the Township Board not less than sixty (60) days prior to the due date of any connection fee. An application shall be completed and filed by each and every legal and equitable interest holder in the premises, excepting financial institutions having only security interests in the premises.
- (ii) Hardship applications shall be reviewed by the Township Board, and after due deliberation of hardship applications, the Township Board shall determine, in each case, whether there has been an adequate showing of financial hardship, and shall forthwith notify the applicants of said determination.
- (iii) An applicant aggrieved by the determination of the Township Board may request the opportunity to appear before the Township Board in person for the purpose of showing hardship and presenting any argument or additional evidence. A denial of hardship following such a personal appearance before the Township Board shall be final and conclusive.
- (iv) In the event that the Township Board makes a finding of hardship, the Township Board shall fix the amount of partial or total deferment of the connection fee, and in so doing, shall require an annual filing of financial status by each applicant, providing that upon a material change of financial status of an applicant, said applicant shall immediately notify the Township Clerk so that a further review of the matter may be made by the Township Board, and provided further that the duration of the deferment granted shall be self-termination upon the occurrence of any one of the following events:
 - a. A change in the financial status of any applicant that removes the basis for financial hardship;

- b. A conveyance of any interest in the premises by any of the applicants, including the execution of a new security interest in the premises or extension thereof;
 - c. A death of any of the applicants.
- (v) Upon a determination of the Township Board deferring all or part of the connection fee, the owners of the premises shall, within one month after such determination, execute and deliver to the Township as the secured party a recordable security instrument covering the premises, guaranteeing payment of the deferred amounts upon the occurrence of any of the events set forth in Section 7(H)(1)(e)(iv) above. Said security interest shall guarantee payment of an amount necessary to cover all fees and charges deferred and all costs of installation and connection, if applicable, the consideration for said security interest being the grant of deferment pursuant to this Ordinance.

2. User Charges

User charges shall be charged to each user serviced for the privilege of discharging sanitary sewage and industrial wastes into the wastewater treatment system according to one of the following methods:

- a. Where a meter is installed, one hundred percent (100%) of metered (owner shall install at his expense) water consumption.
- b. Where no meter is installed in accordance with the REU rate established by the Board by resolution and according to the number of REUs established in Appendix 1 Table of Unit Factors of the Wastewater Treatment and Administration Ordinance.

c. Establishment of Rates

- (i) In accordance with the provisions of Ordinance No. 69, user charge rates shall be established by the Township Board. The Township Supervisor may present to the Township Board appropriate user charge rates during budget preparation to ensure that adequate revenues are generated to pay the costs of operation, maintenance, and replacement for the sewage treatment facility so that the system continues to provide for the proportional distribution of operation, maintenance and replacement costs among users and user classes.

(ii) User rates shall be established by the Township Board by a separate rate resolution for user charges based on water meter flow or sewer meter flow. Surcharge rates for high strength users shall also be established.

(iii) In the event the Township Board shall alter any rate, the Township Clerk shall cause each user to be notified, by publishing such notice in a newspaper of general circulation in the Township, of the separate rate being charged for operation, maintenance and replacement costs of the sewage treatment facility.

3. Debt Service Charges

- a. Debt service charges, if applicable, shall be developed and established by the Township Board in accordance with the Wastewater Treatment and Administration Ordinance.
- b. The Township may review the debt service charges annually and revise the charges and rates as necessary to ensure that adequate revenues are generated to pay the costs of the debt service for the wastewater treatment plant.
- c. In the event the Township Board shall alter the rate, the Township Clerk shall cause each user to be notified by publication in a newspaper of general circulation in the Township of the separate rate being charged for debt service for the wastewater treatment plant.

4. Service Charges Constitute Lien on Property

Charges for wastewater treatment plant operation and maintenance service shall constitute a lien on the property served. On or before March 1 of each year, the officer in charge of collection of such charges shall prepare a certified statement of all charges then six (6) months past due and unpaid. The Treasurer shall then place such charges on the next general tax roll and such charges shall be collected as part of the general Township taxes.

5. Discontinuing Service; Shutoff, Turn-on Charges

The Township shall have the right to discontinue wastewater treatment plant service for nonpayment of the service charges or for refusal of the owner or occupant of premises to install a meter. Where the owner or occupant of premises subject to the installation of a meter refuses to install a meter, the Township may, at the discretion of the Township Supervisor, if wastewater service is not discontinued during a particular period of time, charge a flat rate for wastewater service as established by the Township, and if such sum is not paid, it

shall constitute a lien on the premises and shall be added to the tax rolls. If wastewater service is shut off pursuant to the terms of this division, a shutoff charge and a turn-on charge as established by the Township shall be collected in addition to the amount of the delinquent wastewater service charge before the wastewater service is turned on.

Section 8.0. Violation – Penalties & Enforcement

In addition to the other penalties as provided in this Ordinance, any person violating any of the provisions of this Ordinance shall be responsible for a municipal civil infraction. The fines and penalties as set forth in Section 6.0 entitled “Sanctions for Violations” of the Hamburg Township Civil Infractions Ordinance, as it may be amended from time to time, are incorporated herein by reference. For purposes of assessing fines and penalties only, a violation under this section shall be classified as a Class B municipal civil infraction. Each day upon which such violation occurs shall constitute a separate offense.

Section 9.0. Savings Clause

That nothing in this Ordinance hereby adopted be construed to affect any just or legal right or remedy of any character nor shall any just or legal right or remedy of any character be lost, impaired or affected by this Ordinance.

Section 10.0. Repealer

Ordinance Number 65, Sewer Usage and Administration Ordinance, effective May 1, 1996, and Ordinances 69, 69A, 69B, 69C, 69D, 69E, 69F, 69G, Wastewater Treatment and Administrative Ordinance, originally adopted May 5, 2000, including all their amendments are hereby repealed in their entirety and replaced by Ordinance Number 69H.

Section 11.0. Severability

The various parts, paragraphs, sections and clauses of this Ordinance are declared to be severable. If any part, sentence, paragraph, section or clause is adjudged unconstitutional or invalid by a court of competent jurisdiction, the remainder of the Ordinance shall not be affected.

Section 12.0. Adoption and Effective Date

This Ordinance is hereby declared to have been adopted by the Hamburg Township Board at a meeting thereof duly called and held on the (include meeting date), and ordered to be given effect thirty (30) days after its first publication as mandated by statute.

Certification

I, Mike Dolan, duly elected Clerk of Hamburg Township, Livingston County, Michigan, do hereby certify that the foregoing Hamburg Township Wastewater Treatment and Administration Ordinance was adopted at a regular meeting of the Hamburg Township Board held on (Meeting date) at which the following members were present:

Ayes:

Nays: None

Abstain: None

Mike Dolan, Township Clerk

Date passed:

Publication date:

Effective date:

HAMBURG TOWNSHIP

SCHEDULE 1

CURRENT RATES AND CHARGES
FOR THE RESPECTIVE SEWER
DISTRICTS IN THE SYSTEM

REVISIONS HIGHLIGHTED IN BOLD

**APPENDIX 1
TABLE OF UNIT FACTORS**

Usage	Residential Equivalent Unit Factor
Auto Dealer – Sales and/or Service	1.00/premise + 0.40/1000 ft ²
Auto Repair/Collision Body Shop	1.00/premise + 0.40/1000 ft²
Bakery	1.25/1000 ft ²
Bank	0.25 per employee station
Bar	2.00/1000 ft ²
Barber Shop	1.00/shop + 0.10/chair
Beauty Shop	1.00/shop + 0.10/booth
Bed and Breakfast	1.00/premise + 0.20/guest
Boarding House, Boarding School, Dormitory, Fraternity or Sorority House, etc.	1.00/premise + 0.20/bedroom
Bowling Alley and/or Restaurant	0.16/alley (bar and/or restaurant To be computed at its respective residential equivalent)
Car Wash – Do It Yourself	1.00 per stall
Car Wash – Automatic Non-Recycled	10.00/single production line
Car Wash – Automatic.... Recycled	5.00/single production line
Churches	0.20/1000 ft ²
Cleaners (pick-up only)	1.00/shop
Cleaners (pressing facilities)	1.25/press
Convalescent Home	0.22/bed
Country Club/Health Center	1.50/1000 ft²
Day Care Center	1.00/premises + 0.25/1000 ft ²
Drug Store, Dime Store (with fountain service)	1.0 + 0.1 per seat
Factory (exclusive of industrial waste)	0.50/1000 ft ²
Fire Station (volunteer)	1.00/location
Fire Station (full time)	0.20/fire fighter 24hrs.
Florist	1.10/1000 ft²
Fraternal Organization (with bar and/or restaurant)	1.00/hall (bar and/or restaurant to be computed at its respective residential equivalent)
Funeral Home	1.50/1000 ft ²
Garden Center (nursery)	1.10/1000 ft²
Government Offices	0.40/1000 ft²

Usage	Residential Equivalent Unit Factor
Grocery Stores and Markets	1.10/1000 ft.
Hospital	1.10/bed
Hotel, Motel, Rooming House (with bar and/or restaurant)	0.4 bedroom (bar and/or restaurant to be computed at its Respective residential equivalent)
Laundry (self-serve)	0.34/washer
Library	0.53/1000 ft²
Marina	0.10/slip (over 25 feet in length) 0.06/slip (under 25 feet in length)
Office Building (general)	0.40/1000 ft ²
Office Building (medical, dental, clinic, etc.)	1.0 + 0.5 per exam room
Pet Shop	1.10/1000 ft²
Post Office	1.00/1000 ft ²
Printing Shop	0.50/1000 ft²
Public Institute	0.75/1000 ft ²
Residential	
Condominiums	1.00/per unit
Mobile Home, Trailer Park	1.00/unit
Multiple Family Residence (three or more Units in one structure)	0.75/unit
Single Family Residence	1.00/unit
Two-Family Residence (Duplex)	1.00/unit
Restaurants (fast food)	7.00/location
Restaurant (meals and bar)	2.50/1000 ft ² (excluding restrooms, public areas not in regular use and unfinished areas)
Restaurant (meals only)	1.50/1000 ft ² (excluding restrooms, public areas not in regular use and unfinished areas)
Retail Store	1.00/premise + 0.10/1000 ft ²
School	1.00/classroom
Service Station + Repair Area	0.25/pump + 0.40/1000 ft ²
Snack Bar, Drive-in	1.50/1000 ft ²
Supermarket, Grocery Store	1.10/1000 ft ²
Swimming Pool	3.00/1000 ft²
Theater – Drive-in	0.04 per car space (plus snack bar, which is measured separately)

Theater – Indoor	0.04 per seat (plus snack bar, which is measured separately)
Travel Trailer Parks and Campgrounds	0.20/site (plus waste disposal station C is calculated separately)
Utility Sub-Station	0.10/1000 ft ²
Warehouse or Storage Building	0.10/1000 ft ²
Waste Disposal Station (for Travel trailers)	2.00/station
Veterinary Facilities and Kennels	1.00 + 0.10 per kennel

Notwithstanding the foregoing, each connecting customer shall be considered to be at least one (1.00) residential equivalent unit.



PROTECTING MICHIGAN'S WATER

905 Penniman | P.O. Box 6161 | Plymouth, MI 48170
 T: 734-455-6700 | F: 734-455-6711
 E: sales@duboiscooper.com
 www.duboiscooper.com

Number: 229566
 Date: Oct 31, 2019
 Page: 1

INVOICE

Bill To:
Hamburg Township Attn: Accounts Payable P.O. BOX 157 Hamburg, MI 48139

Ship to:
HAMBURG TWP 6400 E M-36 Hamburg, MI 48139

Customer ID	Customer PO	Payment Terms	
HAMBURG	20191394	Net 30 Days	
Sales Rep ID	Shipping Method	Ship Date	Due Date
E-One	UPS Ground	10/25/19	11/30/19

Quantity	Item	Description	Unit Price	Amount
100.00	8203	STATOR/LINER ASSY, EXTREME	72.00	7,200.00
30.00	1065	CONTROL BRACKET ASM, 240V (2000)	196.90	5,907.00
20.00	5015	BEARING, PUMP END (200, 2000)	29.80	596.00
20.00	5035	BEARING, TOP (2000)	65.40	1,308.00
150.00	6043	GASKET MOLDED TOP HOUSING TO MOTOR HOUSING (2000 IDU)	16.10	2,415.00
10.00	1203	CUTTER WHEEL, FORGED, MACH/HARDENED-	99.70	997.00
40.00	8007	INLET SHROUD, MOLDED, HDPE	8.90	356.00
40.00	1001	SENSING BELL	22.00	880.00
40.00	1008	SEAL PACKAGE ASM	57.80	2,312.00
40.00	7090	PRESSURE SW, ON/OFF (2000)	53.20	2,128.00
40.00	7091	PRESSURE SW, ALARM (2000)	53.20	2,128.00
2.00	NB0407G01	CUTTER WHEEL REMOVAL TOOL (SHIPPED SEPARATELY)	110.20	220.40
10.00	ND0059G01	CONV KIT, 200S EXTREME	92.00	920.00

GL Code 590-00-850.100
 Approved [Signature]

NOV 04 2019

Subtotal	27,367.40
Sales Tax	
Total Invoice Amount	27,367.40
Payment/Credit Applied	
TOTAL	27,367.40

Check/Credit Memo No:



PACKING LIST- Pro Forma
Consolidated

DATE PAGE

10/25/19 6:06:44

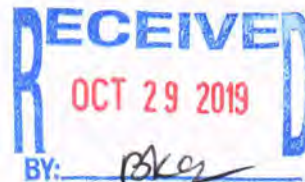
1

ENVIRONMENT ONE CORPORATION
2773 BALLTOWN ROAD NISKAYUNA, NEW YORK 12309

JMC/ISSUE 1/MAR05 D114

SHIP TO:

HAMBURG TOWNSHIP
6400 E M-36
WHITMORE LAKE MI 48189
United States



SHIPPING INSTRUCTIONS:

CARRIER / PRO NUMBER:

Order information:

CO 217514 10/23/19 409801 DUBOIS-COOPER & ASSOC.

P.O. information:

14032 Date . : 10/23/19

Transport terms : Service Parts

Shipping instructions . . : PPD&ADD, FOB:SHIPPER'S DOCK

COUNTRY OF ORIGIN:USA
END USE DESTINATION:USA
*****AL

OK TO PARTIAL SHIP IF ALL
ITEMS NOT AVAILABLE AT
ONE TIME PER CAROL B.

SHIPPING CONTACT:

DAVE

(810) 231-8158

CARRIER: BEST WAY



PACKING LIST- Pro Forma
Consolidated

DATE PAGE

10/25/19 6:06:44

2

ENVIRONMENT ONE CORPORATION
2773 BALLTOWN ROAD NISKAYUNA, NEW YORK 12309

JMC/ISSUE 1/MAR05 D114

SHIP TO:

HAMBURG TOWNSHIP
6400 E M-36
WHITMORE LAKE MI 48189
United States

SHIPPING INSTRUCTIONS:

CARRIER / PRO NUMBER:

PLEASE TAG ORDER WITH

PO# 20191394. TH

ANKS!

Item number	Item description	Quantity	U/M
NC0039G01 01	STATOR/LINER ASM,STD (8203)	100.000	EA
PB0702G01 02	CONTROL BKT ASM,240V (1065)	30.000	EA
PA0109P01 03	BEARING, PUMP END (5015)	20.000	EA
PA1181P01 04	BEARING, 1 ROW BALL, 20MM (5035)	20.000	EA
PC0727P01 05	GASKET, MOLDED, TOP HSG (6043)	150.000	EA
NC0008P02 06	CUTTER WHEEL, MACHINED (1203)	10.000	EA



PACKING LIST- Pro Forma
Consolidated

DATE PAGE

10/25/19 6:06:44

3

ENVIRONMENT ONE CORPORATION
2773 BALLTOWN ROAD NISKAYUNA, NEW YORK 12309

JMC/ISSUE 1/MAR05 D114

SHIP TO:

HAMBURG TOWNSHIP
6400 E M-36
WHITMORE LAKE MI 48189
United States

SHIPPING INSTRUCTIONS:

CARRIER / PRO NUMBER:

Item number	Item description	Quantity U/M
PC0002P08 07	INLET SHROUD, MOLDED, HDPE (8007)	40.000 EA
PC0461P01 08	SENSING BELL (1001)	40.000 EA
PA0329G01 09	SEAL PACKAGE ASM (1008)	40.000 EA
PA1016P01 10	PRESSURE SW, ON/OFF, STAMP (7090)	40.000 EA
PA1016P02 11	PRESSURE SW, ALARM, STAMP (7091)	40.000 EA
NB0407G01 12	CUTTER WHEEL REMOVAL TOOL	2.000 EA

BACK ORDERED

** END OF REPORT **



PACKING LIST- Pro Forma
Consolidated

DATE PAGE

10/24/19 15:53:49

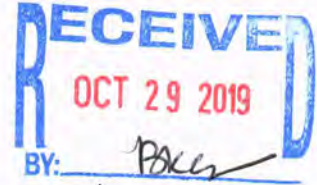
1

ENVIRONMENT ONE CORPORATION
2773 BALLTOWN ROAD NISKAYUNA, NEW YORK 12309

JMC/ISSUE 1/MAR05 D114

SHIP TO:

HAMBURG TOWNSHIP
6400 E M-36
WHITMORE LAKE MI 48189
United States



SHIPPING INSTRUCTIONS:

CARRIER / PRO NUMBER:

Order information:
CO 217506 10/23/19 409801 DUBOIS-COOPER & ASSOC.
P.O. information:
14032 Date . : 10/23/19
Transport terms : Service Parts
Shipping instructions . . : PPD&ADD, FOB:SHIPPER'S DOCK

COUNTRY OF ORIGIN:USA
END USE DESTINATION:USA
*****AL

OK TO PARTIAL SHIP IF ALL
ITEMS NOT AVAILABLE AT
ONE TIME PER CAROL B. —

SHIPPING CONTACT:

DAVE

(810) 231-8158

CARRIER: BEST WAY

ENVIRONMENT ONE CORPORATION
2773 BALLTOWN ROAD NISKAYUNA, NEW YORK 12309

JMC/ISSUE 1/MAR05 D114

SHIP TO:

HAMBURG TOWNSHIP
6400 E M-36
WHITMORE LAKE MI 48189
United States

RECEIVED
OCT 29 2019
BY: *[Signature]*

SHIPPING INSTRUCTIONS:

CARRIER / PRO NUMBER:

[Redacted]

PLEASE TAG ORDER WITH

PO# 20191394. TH

ANKS!

Item number	Item description	Quantity U/M
ND0059G01 01	CONV KIT,200S TANK,EXTREME	10.000 EA

** END OF REPORT **

Purchase Order

10/23/2019
11:59 AM

Purchase Order No 20191394

Purchase Order Date 10/23/2019

Required Date

Ordered By CLAY GALL

Ship Via
Terms

NET 30 DAYS

Vendor DUBOISCO01
Address DUBOIS-COOPER & ASSOCIATES
905 PENNIMAN
PO BOX 6161
PLYMOUTH, MI 48170

Ship To

Shipping Code DPW1

Contact

HAMBURG TOWNSHIP

Address

WASTEWATER TREATMENT PLANT
6400 E. M-36
WHITMORE LAKE, MI 48189

PO Description GRINDER PARTS

Quantity	Units	Description	Unit Price	Amount
100.00	EACH	#8203 STATOR LINER 590-001.000-850.100 7,200.00	72.00	7,200.00
30.00	EACH	#1065 CONTROL BRACKET 2000 590-001.000-850.100 5,907.00	196.90	5,907.00
20.00	EACH	#5015 BEARING 590-001.000-850.100 596.00	29.80	596.00
20.00	EACH	#5035 BEARING 590-001.000-850.100 1,308.00	65.40	1,308.00
150.00	EACH	#6043 TOP HOUSING GASKET 590-001.000-850.100 2,415.00	16.10	2,415.00
10.00	EACH	#1203 CUTTING WHEEL 590-001.000-850.100 997.00	99.70	997.00
40.00	EACH	#8007 INLET SHROUD 590-001.000-850.100 356.00	8.90	356.00
40.00	EACH	#1001 SENSING BELLS 590-001.000-850.100 880.00	22.00	880.00
40.00	EACH	#1008 MECHANICAL SEAL 590-001.000-850.100 2,312.00	57.80	2,312.00
40.00	EACH	#7090 ON OFF SWITCH 2000 590-001.000-850.100 2,128.00	53.20	2,128.00
40.00	EACH	#7091 ALARM SWITCH 2000 590-001.000-850.100 2,128.00	53.20	2,128.00
2.00	EACH	#NB0407G01 CUTER WHEEL REMOVAL TOOL 590-001.000-850.100 220.40	110.20	220.40
10.00	EACH	#ND0059G01 CONVERSION KIT 200 TO EXTRE 590-001.000-850.100 920.00	92.00	920.00
			Total:	27,367.40

Approved By _____

Date _____

Brittany Campbell

From: Pat Hohl
Sent: Wednesday, October 23, 2019 11:56 AM
To: Brittany Campbell
Subject: BSA Purchase Order: Requisition '00015120' Approved.

A requisition has been approved.

Requisition Number: 00015120
Requisition Date: 10/21/2019
Requested By: CLAY GALL
Requested Amount: 27,367.40
Requested Description: GRINDER PARTS
Requested Vendor Name: DUBOIS-COOPER & ASSOCIATES

Status Changed By: pat hohl (pathohl@hamburg.mi.us)
Old Approval Level: ADMINISTRATORS
New Approval Level: BOARD

Request Sent By: pat hohl (pathohl@hamburg.mi.us)

Purchase Requisition

10/23/2019
01:21 PM

Purchase Requisition No 00015120

Requested Date 10/21/2019
Required Date
Requested By CLAY GALL

Department 001.000

Preferred Vendor DUBOISCO01
DUBOIS-COOPER & ASSOCIATES

Address 905 PENNIMAN
PO BOX 6161
PLYMOUTH, MI 48170

Req. Description GRINDER PARTS

Quantity	Units	Description	Unit Price	Amount
100	EACH	#8203 STATOR LINER 590-001.000-850.100	72.00	7,200.00
30	EACH	#1065 CONTROL BRACKET 2000 590-001.000-850.100	196.90	5,907.00
20	EACH	#5015 BEARING 590-001.000-850.100	29.80	596.00
20	EACH	#5035 BEARING 590-001.000-850.100	65.40	1,308.00
150	EACH	#6043 TOP HOUSING GASKET 590-001.000-850.100	16.10	2,415.00
10	EACH	#1203 CUTTING WHEEL 590-001.000-850.100	99.70	997.00
40	EACH	#8007 INLET SHROUD 590-001.000-850.100	8.90	356.00
40	EACH	#1001 SENSING BELLS 590-001.000-850.100	22.00	880.00
40	EACH	#1008 MECHANICAL SEAL 590-001.000-850.100	57.80	2,312.00
40	EACH	#7090 ON OFF SWITCH 2000 590-001.000-850.100	53.20	2,128.00
40	EACH	#7091 ALARM SWITCH 2000 590-001.000-850.100	53.20	2,128.00
2	EACH	#NB0407G01 CUTER WHEEL REMOVE TOOL 590-001.000-850.100	110.20	220.40
10	EACH	#ND0059G01 CONVERSION KIT 200 TO EXTRE 590-001.000-850.100	92.00	920.00
		Total:		27,367.40

Approved By



Date

10-24-19

5



PO# 20191256

PHOENIX
SAFETY OUTFITTERS

Invoice: SI-99779

P.O. Box 20445
Upper Arlington, OH 43220

GL Code 206.000.759.000
Approved [Signature]

REMITTANCE INFORMATION:
PHOENIX Safety Outfitters,
PO Box 20445
Upper Arlington, Ohio 43220

NOV 01 2019

Entered 11/12 kg
Due Date _____

Bill to:

NICK MILLER
HAMBURG TWP FIRE DEPT
10100 VETERANS MEMORIAL DRVIE
HAMBURG MI 48139
UNITED STATES
Customer Phone: 810-459-1567
Customer Email: nmiller@hamburg.mi.us

Ship to:

NICK MILLER
HAMBURG TWP FIRE DEPT
10100 VETERANS MEMORIAL DRVIE
HAMBURG MI 48139
UNITED STATES
Customer Phone: 810-459-1567
Customer Email: nmiller@hamburg.mi.us

Sales Order: 141062

Invoice Date: 30 Oct 2019

Account Rep: Jim Reed

Payment Due Date: 14 Nov 2019

Bin Reference Number:

Accounting Questions: cgrogan@phoenixoutfitters.com

Shipping Method: **Best Way**

Accounting Phone: (614) 203-0247

Ship Date: 29 Oct 2019

Account Owner: Jim Reed

Qty	Item name	SKU	Item net	Total net	Row total
1.0000	Customer Purchase Order Number: Verbal Chief Miller	CUSTPO	\$0.00	\$0.00	\$0.00
6	INNOTEX TURNOUT COAT CONFIGURED TO CUSTOMER SPEC // QUO-43041-P9L9 Color: PER SPEC Verified: [0919] Valid Thru: [123119]	HAM(LVGM)-ITXC	\$1,359.27	\$8,155.62	\$8,155.62
6	INNOTEX TURNOUT PANT CONFIGURED TO CUSTOMER SPEC // QUO-43041-P9L9 Color: PER SPEC Verified: [0919] Valid Thru: [123119]	HAM(LVGM)-ITXP	\$878.75	\$5,272.50	\$5,272.50
6.0000	#Radio Pocket		\$0.00	\$0.00	\$0.00
6.0000	#Zippered Combo Pockets with Handwarmers		\$0.00	\$0.00	\$0.00
6.0000	#Vented Back Protection Airflow		\$0.00	\$0.00	\$0.00
6.0000	#Vented Shoulder Protection Airflow		\$0.00	\$0.00	\$0.00
6.0000	#Mic Loop		\$0.00	\$0.00	\$0.00
6.0000	#Flashlight Holder		\$0.00	\$0.00	\$0.00
42.0000	#3" Scotchlite Yellow Letters "HAMBURG"		\$0.00	\$0.00	\$0.00
6.0000	#Removable Name Patch		\$0.00	\$0.00	\$0.00
42.0000	#3" Scotchlite Yellow Letters "LAST NAME"		\$0.00	\$0.00	\$0.00
6.0000	#Tool Pant Pockets		\$0.00	\$0.00	\$0.00

Qty	Item name	SKU	Item net	Total net	Row total
6.0000	#Enhanced Mobility Knees		\$0.00	\$0.00	\$0.00
6.0000	#Nomex Belt with Belt Loops		\$0.00	\$0.00	\$0.00
1.0000	Freight FOB Mfg. to include Shipping, Handling TBDATOS // Reference Date Shipped in Header:	DROP-FRTTBD	\$120.00	\$120.00	\$120.00
1.0000	NOTE: This invoice is being sent via e-mail and is the ONLY copy that will be sent. Upon your approval and confirmation of rece	eMail Invoice	\$0.00	\$0.00	\$0.00

Subtotal **\$13,548.12**

Not rated @ 0% \$0.00

MI-ST TAX EXEMPT @ 0% \$0.00

Total **\$13,548.12**

Paid to date \$0.00

Physical Address:

PHOENIX Safety Outfitters
1619 Commerce Road
Springfield, Ohio 45504
(937) 324-2537

Sales Tax Registrations:

Ohio (91-050790)
Indiana (0158424336)
Michigan (41-2241348)
EIN:
41-2241348



INNOTEX CORP
 PO Box 798
 Ohatchee Alabama 36271

DELIVERY SLIP



Date	2019-09-23
Quote number	
Quote name	

Sold to: PHO001
 PHOENIX SAFETY OUTFITTERS LLC
 RECEIVING
 1619 COMMERCE ROAD
 SPRINGFIELD OH 45504

Ship to: HAMBURG FD
 HAMBURG FD
 NICK MILLER
 10100 VETERANS MEMORIAL DRIVE
 HAMBURG MI 48139

Tel: (000) 000-0000 Ext. 0000 Fax: (000) 000-0000

Tel: (000) 000-0000 Ext. 0000 Fax: (000) 000-0000

		Terms	Freight	Incoterms		Payment terms	Delivery Date	Production No.
142421		Prepaid	UPS GROUND			Net 30	2019-10-29	6903980
Ordered	Shipped	Back order	U of M	Item Number	Description			
6	6	0	UN	COATENERGY	COAT ENERGY - INNOTEX ENERGY™	COATENERGY		
6	6	0	UN	PANTSENERGY	PANTS ENERGY - INNOTEX ENERGY™	PANTSENERGY		
1	1	0	UN	DIS-CONFIG	Special discount - Configurator	DIS-CONFIG		
1	1	0	UN	DIS-PRICE	Special Rebate	DIS-PRICE		
1	1	0	UN	WARRANTY2	Limited 2-year Warranty	WARRANTY2		
						Total Weight		

Purchase Order

11/04/2019
01:13 PM

Purchase Order No 20191256

Purchase Order Date 09/18/2019

Required Date

Ordered By NICK MILLER

Ship Via

Terms

NET 30 DAYS

Vendor PHOENIXSAF
Address PHOENIX SAFETY OUTFITTERS, LLC
P.O. BOX 20445
UPPER ARLINGTON, OH 43220

Ship To
Shipping Code FIRE2
Contact HAMBURG TOWNSHIP
Address FIRE DEPARTMENT
10100 VETERANS MEMORIAL DR.
WHITMORE LAKE, MI 48189

PO Description YEARLY PPE REPLACEMENT

Quantity	Units	Description	Unit Price	Amount
6.00	EACH	PPE COAT 206-000.000-759.000	1,359.27	8,155.62
6.00	EACH	PPE PANT 206-000.000-759.000	878.75	5,272.50
1.00	EACH	FREIGHT 206-000.000-759.000	120.00	120.00
			Total:	13,548.12

Approved By _____

Date _____

Brittany Campbell

From: Pat Hohl
Sent: Wednesday, September 18, 2019 11:49 AM
To: Brittany Campbell
Subject: BSA Purchase Order: Requisition '00014986' Approved.

A requisition has been approved.

Requisition Number: 00014986
Requisition Date: 09/17/2019
Requested By: NICK MILLER
Requested Amount: 14,437.92
Requested Description: YEARLY PPE REPLACEMENT
Requested Vendor Name: PHOENIX SAFETY OUTFITTERS, LLC

Status Changed By: pat hohl (pathohl@hamburg.mi.us)
Old Approval Level: ADMINISTRATORS
New Approval Level: BOARD

Request Sent By: pat hohl (pathohl@hamburg.mi.us)

Purchase Requisition

09/17/2019
07:23 PM

Purchase Requisition No 00014986

Requested Date 09/17/2019
Required Date
Requested By NICK MILLER

Department 206.000
Fire Department

Preferred Vendor PHOENIXSAF
PHOENIX SAFETY OUTFITTERS, LLC

Address P.O. BOX 20445
UPPER ARLINGTON, OH 43220

Req. Description YEARLY PPE REPLACEMENT

Quantity	Units	Description	Unit Price	Amount
6	EACH	PPE COAT 206-000.000-759.000	1,456.54	8,739.24
6	EACH	PPE PANT 206-000.000-759.000	949.78	5,698.68
			Total:	14,437.92

Approved By



Date

9-18-19

No Information In Packet