D.2

CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, September 22, 2020 7:00 PM



CALL TO OR	RDER AT P.M.
A. ROLL	CALL: Kurt Heise, Mark Clinton, Chuck Curmi, Bob Doroshewitz, Jerry Vorva, Jack Dempsey, Gary Heitman
B. PLEDG	GE OF ALLEGIANCE
C. APPRO	OVAL OF AGENDA Tuesday, September 22, 2020
D. APPR	OVAL OF CONSENT AGENDA
D.1	Amendment to Resolution 2020-09-08-87

- D.3 Acceptance of Communications, Resolutions, Reports
 - Building Department Monthly Report August 2020

Regular Meeting - Tuesday, September 8, 2020

- Fire Department Monthly Report August 2020
- Police Department Monthly Report August 2020
- Planning Department Monthly Report August 2020

D.4 **Approval of Township Bills:**

Approval of Minutes:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	460,388.98	118,003.82	578,392.80
Solid Waste Fund	226	4310.59	106.07	4416.66
Improvement Revolving (Capital)	246	.00	.00	.00

CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, September 22, 2020 7:00 PM



Drug Forfeiture Fund	265	.00	.00	.00
Drug Forfeiture State	266	.00	.00	.00
Drug Forfeiture IRS	267	.00	.00	.00
Golf Course Fund	510	.00	.00	.00
Senior Transportation	588	5573.36	678.61	6251.97
Water/Sewer Fund	592	185,664.96	26,962.67	212,627.63
Trust and Agency	701	.00	.00	.00
Police Bond Fund	702	4853.00	.00	4853.00
Tax Pool	703	112,934.40	.00	112,934.00
Special Assessment Capital	805	38.01	00	38.01
TOTALS:		773,763.30	145,751.17	919,514.47

E. PUBLIC COMMENT (Limited to 3 Minutes)

F. NEW BUSINESS

- 1. FOIA Appeal from Nancy Conzelman, Supervisor Kurt Heise and Township Attorney Kevin Bennett
- 2. SAD Engineering Request for Woodbrook Subdivision , **Resolution #2020-09-22-90**, Public Services Director Patrick Fellrath and George Tsakoff, OHM Advisors

CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, September 22, 2020 7:00 PM



- 3. Demolition Ordinance Amendments Second Reading, **Resolution #2020-09-22-91**, *Township Attorney Kevin Bennett*
- 4. Great Lakes Water Authority (GLWA) IPP Rules Amendments Second Reading, **Resolution #2020-09-22-92,** Township Attorney Kevin Bennett
- 5. Annual Millage Rate Approval, **Resolution #2020-09-22-93**, *Treasurer Mark Clinton*
- 6. Police and Fire Budget Discussions, Finance Director Ginger Moriarty, Police Chief Tom Tiderington, and Fire Chief Dan Phillips
- G. PUBLIC COMMENT (Limited to 3 Minutes)
- H. BOARD COMMENTS
- I. ADJOURNMENT

<u>PLEASE TAKE NOTE:</u> The Charter Township of Plymouth will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered at all Township Meetings, to Individuals with disabilities at the Meetings/Hearings upon two weeks' notice to the Charter Township of Plymouth by writing or calling the following: Human Resource Office, 9955 N Haggerty Road, Plymouth, MI 48170. Phone number (734) 354-3202 TDD units: 1-800649-3777 (Michigan Relay Services)

The public is invited and encouraged to attend all meetings of the Board of Trustees of the Charter Township of Plymouth



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 22, 2020

Consent Agenda Item D-1

<u>ITEM</u>: Police Department Purchase of Body Worn Camera Systems. Amendment of Resolution #2020-09-08-87 from Federal to State Forfeiture Fund

PRESENTER:

Clerk Jerry Vorva

BACKGROUND:

The Police Department is seeking board approval to purchase thirty (30) Safe Fleet Mobile-Vision BWX-100 body worn camera systems. We are planning to purchase these items with State Forfeiture Funds (capital outlay account 266-300-970-000). The cost for these camera systems will be \$35,245.00. Pricing for these items is via state bid.

ACTION REQUESTED:

Approve the enclosed resolution authorizing the purchase of thirty (30) Safe Fleet Mobile-Vision BWX-100 body worn camera systems for a cost of \$35,245.00 to be paid from the State Forfeiture capital outlay account.

RECOMMENDATION:

Approve amended resolution

<u>PROPOSED MOTION:</u> I move that the Plymouth Township Board of Trustees hereby approve Amended Resolution #2020-09-08-87 authorizing the Plymouth Township Police Department to purchase thirty Safe Fleet Mobile-Vision BWX-100 body worn camera out of State Forfeiture Funds and to authorize the Finance Director to appropriate fund balance amending the 2020 State Forfeiture Fund Capital Outlay Account in the amount of \$35,300.

Moved By			Seconded By			
ROLL CALL:						
Vorva,	Dempsey,	Heitman,	Clinton,	Heise,	Curmi,	Doroshewitz

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STATE OF MICHIGAN COUNTY OF WAYNE CHARTER TOWNSHIP OF PLYMOUTH

AMENDED RESOLUTION TO AUTHORIZE THE PURCHASE OF BODY WORN CAMERA SYSTEMS

AMENDED RESOLUTION #2020-09-08-87

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall, located at 9955 N. Haggerty Road, Plymouth, on September 8, 2020, the following resolution was offered:

WHEREAS, The Charter Township of Plymouth Police Department has requested approval to purchase thirty (30) Safe Fleet Mobile Vision BWX-100 body worn camera Systems, and,

WHEREAS, the purchase will be paid for with funds from the State Forfeiture Funds capital outlay account, and,

WHEREAS, pricing for these items was obtained via state bid;

NOW, THEREFORE, BE IT RESOLVED that Charter Township of Plymouth Board of Trustees does hereby approve **Amended Resolution #2020-09-08-87** authorizing the Plymouth Township Police Department to purchase thirty Safe Fleet Mobile-Vision BWX-100 body worn camera out of State Forfeiture Funds and to authorize the Finance Director to appropriate fund balance amending the 2020 State Forfeiture Fund Capital Outlay Account in the amount of \$35,300.

Moved by: _			Seconde	d by:		
ROLL CALL:						
Vorva.	Clinton.	Curmi.	Dempsey,	Doroshewitz,	Heise,	Heitman

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CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, September 8, 2020 7:00 PM PROPOSED MINUTES



Supervisor Heise called the meeting to order at 7:00 p.m.

PRESENT: Kurt Heise, Supervisor

Mark Clinton, Treasurer

Jerry Vorva, Clerk Chuck Curmi, Trustee Jack Dempsey, Trustee Bob Doroshewitz, Trustee Gary Heitman, Trustee

ALSO PRESENT: Dan Phillips, Fire Chief

Tom Tiderington, Police Chief
Dan Kudra, Police Lieutenant
Ginger Moriarity, Finance Director
Kevin Bennett, Township Attorney

Natalie Bond, McKenna, Assistant Planner

Alice Geletzke, Recording Secretary

12 Members of the Public

A. PLEDGE OF ALLEGIANCE — Retiring Police Sergeant Steven Coffell

POLICE SERGEANT STEVEN COFFELL RETIREMENT AND NEW SERGEANT MICHAEL FRITZ CEREMONIAL SWEARING IN

Chief Tiderington introduced Police Sergeant Steven Coffell who is retiring after 26 years with the department and Michael Fritz, who is being promoted to Sergeant.

B. APPROVAL OF AGENDA

Tuesday, September 8, 2020

Supervisor Heise asked that Item F.1, Senior Alliance Presentation, be removed from the agenda.

Moved by Clerk Vorva and seconded by Trustee Heitman to approve the agenda for the Board of Trustees regular meeting of September 8, 2020 as amended. Ayes all.

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CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, September 8, 2020 7:00 PM PROPOSED MINUTES



D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:

Regular Meeting - Tuesday, August 25, 2020

D.2 Acceptance of Communications, Resolutions, Reports

- Communication re FOIA Appeal
- FOIA Monthly Report Clerk's Office August 2020
- FOIA Monthly Report Police Department August 2020

D.3 **Approval of Township Bills:**

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	576,279.78	63,602.41	639,882.19
Solid Waste Fund	226	2,600.16	1,144.90	3,745.06
Improvement Revolving (Capital)	246	.00	.00	.00
Drug Forfeiture Fund	265	.00	.00	.00
Drug Forfeiture State	266	.00	.00	.00
Drug Forfeiture IRS	267	.00	.00	.00
Golf Course Fund	510	.00	.00	.00
Senior Transportation	588	3,171.77	.00	3,171.77
Water/Sewer Fund	592	43,535.12	561,803.71	605,338.83
Trust and Agency	701	.00	.00	.00

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CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, September 8, 2020 7:00 PM PROPOSED MINUTES



1,250.00	.00	1,250.00	702	Police Bond Fund
.00	.00	.00	703	Tax Pool
.00	.00	.00	805	Special Assessment Capital
1,253,387.85	626,551.02	626,836.83		TOTALS:

Moved by Trustee Heitman and seconded by Clerk Vorva to approve the consent agenda for the Board of Trustees regular meeting of September 8, 2020. Ayes all.

E. PUBLIC COMMENT (Limited to 3 Minutes)

Billy Wright, a resident of the community, had comments regarding budgetary considerations for the Police Department and the Black Lives Matter movement.

F. NEW BUSINESS

Copies of ordinances, resolutions or attachments referred to below are available in the Clerk's office for public perusal.

1. Senior Alliance Presentation, *Jason Maciejewski, Chief Advocacy and Planning Officer, The Senior Alliance*

This item was removed from the agenda.

2. Repeal of DWSD Rules and Adoption by Reference of GLWA IPP Rules, Resolution 2020-09-08-84, Kevin Bennett, Township Attorney

Attorney Bennett explained the need for adopting the GLWA IPP Rules by reference into Article 3, Section II of the Water and Sewer Ordinance because a resolution previously passed cannot supersede an ordinance. An ordinance can only be superseded by another ordinance.

Moved by Trustee Heitman and seconded by Trustee Doroshewitz that the Board adopt **Resolution 2020-09-08-84.** This will constitute the first reading of the Ordinance to amend the Water and Sewer Ordinance. Ayes all on a roll call vote.

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CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, September 8, 2020 7:00 PM PROPOSED MINUTES



3. TAR/IND Signage Regulations Text Amendments, Resolution #2020-09-08-85, Laura Haw, Township Planner and Kevin Bennett, Township Attorney

Assistant Planner Natalie Bond spoke on the Planning Commission's recommendation to allow non-masonry bases for ground signs in Technology and Research Districts (TAR) and Industrial Districts (IND).

Moved by Trustee Heitman and seconded by Trustee Dempsey to adopt **Resolution 2020-09-08-85** authorizing approval of the text amendments to the Charter Township of Plymouth Zoning Ordinance No. 99 by amending Article 18: TAR, Technology and Research District and Article 19: IND, Industrial District, Signage Standards, as recommended by the Planning Commission. Ayes all on a roll call vote.

4. Demolition Ordinance Amendments First Reading, **Resolution #2020-09-08-86**, *Trustee Jack Dempsey and Kevin Bennett, Township Attorney*

During the discussion of the proposed ordinance amendments regarding penalties for violation of the Township demolition regulations under the State Building Code, the following recommendations were made for Page 158 of the packet:

- A) To read "For residentially zoned properties, the fine shall be"
- B) To read "For commercial and industrial properties, the fine shall be....."

That the sentence "Each day a violation is committed or permitted to exist or continue shall constitute a separate offense." be removed.

Moved by Trustee Dempsey and seconded by Trustee Heitman that the Board adopt **Resolution #2020-09-08-86.** Ayes all on a roll call vote.

 Police Department Purchase of Body Worn Camera Systems, Resolution #2020-09-08-87, Police Lt. Daniel Kudra

Moved by Clerk Vorva and seconded by Trustee Curmi that the Plymouth Township Board of Trustees hereby approve **Resolution #2020-09-08-87** authorizing the Plymouth Township Police Department to purchase thirty Safe Fleet Mobile-Vision BWX-100 bodyworn cameras out of Federal Forfeiture Funds and to authorize the Finance Director to appropriate fund balance amending the 2020 Federal Forfeiture Fund Capital Outlay Account in the amount of \$35,300. Ayes all on a roll call vote.

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CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, September 8, 2020 7:00 PM PROPOSED MINUTES



6. In-Car Computers for Police Vehicles, **Resolution #2020-09-08-88**, *Police Lt. Daniel Kudra*

Moved by Trustee Heitman and seconded by Clerk Vorva that the Plymouth Township Board of Trustees hereby approve **Resolution #2020-09-08-88** authorizing the Plymouth Township Police Department to purchase eight (8) Dell Latitude 5424 Rugged laptop computers, eight (8) Havis Laptop Screen Stiffeners and eight (8) Havis Laptop Docking Stations, and to authorize the Finance Director to appropriate additional fund balance amending the 2020 General Fund capital equipment account in the amount of \$5,200. Ayes all on a roll call vote.

Police Chief Tiderington thanked the Board of Trustees for their continued support.

7. Loan Transfer Request for SAD Projects, **Resolution #2020-09-08-89**, *Treasurer Mark Clinton*

Moved by Treasurer Clinton and seconded by Trustee Heitman to approve **Resolution** #2020-09-08-89 which will provide for the advance of funds from the Water and Sewer Fund to the SAD Fund in an amount not to exceed \$2,500,000 at an interest rate of 2% per annum on the unpaid balance. The Resolution will also adjust the rate of interest on the original 2013 cash advance from 4% to 2% on any outstanding balance retroactive to January 1, 2020. Ayes all on a roll call vote.

8. 2021-22 Budget Overview and Hearing Schedule, *Supervisor Kurt Heise and Finance Director Ginger Moriarty*

Supervisor Heise and Finance Director Moriarity reviewed the 2021-22 two-year draft budget and the tentative agenda for budget review and approval.

Moved by Trustee Curmi and seconded by Trustee Heitman to receive and file the documents presented at tonight's meeting. Ayes all

G. PUBLIC COMMENT (Limited to 3 Minutes) — There was none.

H. BOARD COMMENTS

Supervisor Heise noted the next Board meeting will be held on September 22. Mulch will be installed at McClumpha Park in late September or early October. May ask citizens to assist in making small repairs.

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CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, September 8, 2020 7:00 PM PROPOSED MINUTES



Trustee Heitman urged citizens to wear their masks and socially distance to help prevent any rise in the number of COVID-19 cases.

I. CLOSED SESSION

At 8:31 p.m. Clerk Vorva moved that a Closed Session be called for the purpose of discussing a Written Legal Opinion rendered by the Township Attorney in accordance with OMA Section 8(h), MCL 15.268(h). Seconded by Trustee Heitman. Ayes all on a roll call vote.

J. RETURN TO OPEN SESSION

At 9:08 p.m. Clerk Vorva moved that the Board return to open session. Seconded by Trustee Heitman. Ayes all on a roll call vote.

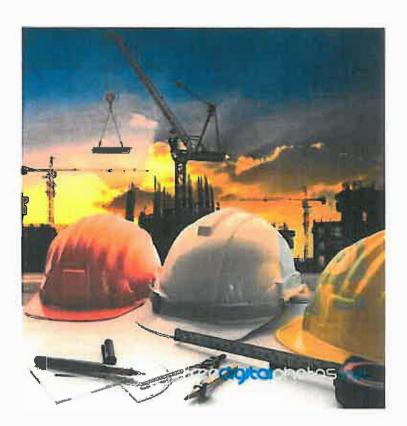
K. ADJOURNMENT

Move	d by	Trustee	Heitman	and seco	nded by	Clerk	Vorva to	o adjourn	the	meeting	at 9:10
p.m.	Ayes	all.									

Jerry Vorva, Township Clerk

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CHARTER TOWNSHIP OF PLYMOUTH DEPARTMENT OF BUILDING & CODE ENFORCEMENT



MONTHLY REPORT

August
2020
(Operating under COVID-19 orders)

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Building Department 2020

Classification	Jan	Feb	Mar	April *	May*	June*	July*	Aug*	Sept	Oct	Nov	Dec	2020 Totals
Total Building Permits	88	52	84	23	87	138	135	123					730
Trade Permits													
Electrical	38	28	18	2	13	36	29	37					201
Mechanical	49	60	30	10	41	60	71	72					393
Plumbing	16	13	11	2	24	23	21	25					135
Sewer & Water	7	3	1	1	9	5	3	6					35
Total Trade Permits	198	156	144	38	174	262	259	263	Û	0	0	0	1494
<u>Miscellaneous</u>													
Special Inspections	1	O	0	0	0	1	0	O					2
Temp Certificate of Occupancy	4	4	1	0	0	2	1	1					13
Re-Occupancy	8	0	0	0	0	0	1	0					9
Plan Review	16	12	10	1	11	3	12	9					74
ZBA	1	0	4	0	1	1	3	0					10
Re-inspection fees	6	6	2	0	Ö	2	6	4					26
Vacant Land Resigtration	0	0	0	0	0	0	0	0	-107				0
Total Miscellaneous	36	22	17	1	12	9	23	14	0	0	0	0	134
Application Fee's													
Building	66	47	76	22	75	131	131	119					667
Electrical	43	26	21	2	12	39	29	35					207
Mechanical	48	63	31	10	46	67	72	74					411
Plumbing	16	12	12	2	22	22	17	30					133
License & Registration													
Builders	7	7	6	4	10	25	25	13					97
Electrical	14	7	5	0	1	11	4	6					48
Mechanical	7	9	2	1	i	6	12	4					42
Plumbing	5	2	4	2	4	4	Ď	1					22
Total Misc/License/Application	242	195	174	44	183	314	313	296	0	0	0	0	1761
Grand Total	440	351	318	82	357	576	572	559	0	0	0	0	3255
Staffing Levels													
Chief Building Official	1	1	1	1	1	1	1	1	1	1	1	1	
Full Time Building Inspector	1	1	1	1	1	1	1	1	1	1	1	1	
Full Time Building Coordinator	1	1	1	1	1	1	1	1	1	1	1	1	
Full Time Building Administrator	1	1	1	1	1	1	1	1	1	-1	1	1	
Part-time Time Ordinance Officer	1	1	1	1	1	4	1	1	1	1	1	1	
* = Operating under COVID-19 orders	-						-				-		

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New Commerical Building for 2020

Company Name Property Address Type of Work Construction Value Status Month

Total Construction Value

New Commercial Additions/Alterations for 2020

Company Name	Property Address	Type of Work	Construction Value	Status	Month
St John's monastery	44045 5 Mile RD	Wall anchors	22,250	Issued	· ·
Pella Windows	14492 Sheldon #310	Tenant Finish			January
Adient COE	47700 Halyard	Phase 3J remodel	62,000	Issued	January
Adient COE	47700 Halyard	Phase 3G remodel	400,000	Issued	January
Adjent COE	47700 Halyard	Phase 3E remodel	60,000	Issued	January
Elmos	47700 Haiyaid 47023 5 Mile RD		1,200,000	Issued	January
—		Tenant Finish	135,000	Issued	January
Rivian	411000 Plymouth #310 & 370		80,000	Issued	January
General Plymouth	11333 General Dr #125	Tenant Finish	5,000	Issued	February
General Plymouth	11333 General Dr #120	Tenant Finish	5,000	Issued	February
General Plymouth	11333 General Dr #110	Tenant Finish	5,000	Issued	February
General Plymouth	11333 General Dr #100	Tenant Finish	5,000	Issued	February
Rivian	13250 Haggerty	Remodel Phase IV	3,000,000	Issued	March
Atlas Tube	13113 Eckles #7-A	2 additions	1,900,000	Issued	April *
Temporary Concrete Batch Plant	939 Mill	SAD concrete	50,000	Issued	May*
Kroger	44525 Ann Arbor RD	Interior remodel	150,000	Issued	May*
Fire Station 2	41212 Wilcox	Concrete Floor	60,000	Issued	May*
DVS Technology	44099 Plymouth Oaks	Tenant finish	50,000	Issued	May*
Finlan & Son Insurance	47784 Hayard	Tenant finish	100,000	Issued	May*
Rivian	13250 Haggerty	Spray Booth	38,000	Issued	June*
Amazon	9075 Haggerty	Interior remodel	50,000	Issued	July*
WWC -gun club	6700 Napier	Exterior remodel	68,900	Issued	July*
Webasto	14200 Haggerty RD	Interior wall	260,000	Issued	July*
Chase Bank	235 Sheldon	Parking lot resurface	462,000	issued	July*
Phoenix Mill	15000 Edward Hines	Vestibule & elevator	75,000	Issued	July*
Amazon	9075 Haggerty	Conveyor equipment	388,071	Issued	August*

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Company Name	Property Address	Type of Work	Construction Value	Status	Month
Amazon	9075 Haggerty	Tenant finish Phase 1	1,000,000	issued	August*
Plymouth House Apartments	42560 Postiff	Repairs to bldg 1	48,000	Issued	August*
Home Depot	47725 5 Mile RD	Resurface parking lot	349,569	Issued	August*
Total Construction Value			10,028,790		
Grand Total Construction Value			10,028,790		

^{*} Operating on COVID-19 orders

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Residential Housing 2020

		Single Fa	mily Detached	L	Sing	e Family	Attached (Town	nhouses/
			Total	Total			Total	Total
	Total #	Total #	Value	Square	Total #	Total #	Value	Square
	Buildings	<u>Dwelling</u>	Construction	Feet	Buildings	Dwelling	Construction	Feet
anuary	4	4	1,422,199	10,166	0			
ebruary	1	1	384,568	2,805	0			
/larch	0				0			
pril	0				0			
lay	1	1	824,184	6,298	0			
une	0			•	0			
uly	2	2	702,929	5,018	0			
ugust	4	4	1,382,351	14,328	0			
eptember				•	0			
ctober					0			
lovember					0			
December					0			
otals	12	12	\$4,716,231	38,615	0	0	\$ -	
	T.,	o Eamily !	Duildings /Dee	(my)	Thuse	man Farri	ilse Britisling (A.	
	Tw	o-Family I	Buildings (Dup		Three-or-	more Fami	ily Building (A	
	7		Total	Total			Total	Total
	Total #	Total #	Total Value	Total Square	Total#	Total #	Total Value	Total Square
nuan/	Total # Buildings		Total	Total	Total # Buildings		Total	Total
-	Total # Buildings 0	Total #	Total Value	Total Square	Total # Buildings 0	Total #	Total Value	Total Square
ebruary	Total # Buildings 0 0	Total #	Total Value	Total Square	Total # Buildings 0 0	Total #	Total Value	Total Square
ebruary arch	Total # Buildings 0 0 0	Total #	Total Value	Total Square	Total # Buildings 0 0 0	Total #	Total Value	Total Square
ebruary larch pril	Total # Buildings 0 0 0 0	Total #	Total Value	Total Square	Total # Buildings 0 0 0 0	Total #	Total Value	Total Square
anuary february March April May	Total # Buildings 0 0 0 0 0 0	Total #	Total Value	Total Square	Total # Buildings 0 0 0 0 0	Total #	Total Value	Total Square
ebruary larch pril lay une	Total # Buildings 0 0 0 0 0 0 0	Total #	Total Value	Total Square	Total # Buildings 0 0 0 0 0 0	Total #	Total Value	Total Square
ebruary larch pril lay une uly	Total # Buildings 0 0 0 0 0 0 0 0	Total #	Total Value	Total Square	Total # Buildings 0 0 0 0 0 0 0	Total #	Total Value	Total Square
ebruary larch pril lay une uly ugust	Total # Buildings 0 0 0 0 0 0 0 0 0 0	Total #	Total Value	Total Square	Total # Buildings 0 0 0 0 0 0 0 0 0	Total #	Total Value	Total Square
ebruary larch pril lay une uly ugust eptember	Total # Buildings 0 0 0 0 0 0 0 0 0 0 0	Total #	Total Value	Total Square	Total # <u>Buildings</u> 0 0 0 0 0 0 0 0 0	Total #	Total Value	Total Square
ebruary larch pril lay une uly ugust eptember	Total # Buildings 0 0 0 0 0 0 0 0 0 0 0 0 0	Total #	Total Value	Total Square	Total # Buildings 0 0 0 0 0 0 0 0 0 0 0	Total #	Total Value	Total Square
ebruary larch pril lay une uly ugust eptember october lovember	Total # Buildings 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total #	Total Value	Total Square	Total # <u>Buildings</u> 0 0 0 0 0 0 0 0 0 0 0	Total #	Total Value	Total Square
ebruary Iarch pril	Total # Buildings 0 0 0 0 0 0 0 0 0 0 0 0 0	Total #	Total Value	Total Square	Total # Buildings 0 0 0 0 0 0 0 0 0 0 0	Total #	Total Value	Total Square

	Total #	Total #	Value	Square
	Buildings	Dwelling	Construction	Feet
Totals all categories	12	12	\$4,716,231	38,615

Plymouth Township, Michigan DODGE REPORT RESIDENTIAL BUILDING PERMIT ISSUANCE REPORT Plymouth Township

August 2020

Building

Date Issued	Parcel Address	Category	Contractor Information	Const. Value	
08/10/20 PB20-0583	9261 Andover Forest CT	b. Single-family, attached and detache	Pulte Group 2800 Livernois Bldg D-320 Troy MI 48083 (734) 776 2415	\$418,057	
08/21/20 PB20-0624	9161 Andover Forest LN	b. Single-family, attached and detache	Pulte Group 2800 Livernois Bldg D-320 Troy MI 48083 (734) 776 2415	\$477,152	
08/21/20 PB20-0582	9179 Andover Forest CT	b. Single-family, attached and detache	Pulte Group 2800 Livernois Bldg D-320 Troy MI 48083 (734) 776 2415	\$487,142	
08/27/20 PB20-0635	9172 Andover Forest LN	b. Single-family, attached and detache	Pulte Group 2800 Livernois Bldg D-320 Troy MI 48083 (734) 776 2415	\$438,433	

Certificate of Occupancy List

CofO Number	Status	Issued To	Address	CofO and Permit Dates	
OF20-0025	ISSUED (FINAL)	LAFOND, JOHN - ANN	12653 Vintage	CO Date Apply: 08/10/2020	CO Date Finaled: 08/10/2020
Permit Number PB18-0350	Applicant Name MENARD BUILDERS	,INC	Contractor MENARD BUILDERS, INC	Permit Date Apply:05/08/2018	Permit Date Issued;)5/22/2018
OF20-0026	ISSUED (FINAL)	The Woods	9630 White Pine CT	CO Date Apply: 08/10/2020	CO Date Finaled: 08/10/2020
Permit Number PB19-0956	Applicant Name C & M The Woods LLC	;	Contractor C & M The Woods LLC	Permit Date Apply:09/16/2019	Permit Date Issued: 0/08/2019
OF20-0027	ISSUED (FINAL)	ST KENNETH CHURCH	14951 HAGGERTY	CO Date Apply: 08/12/2020	CO Date Finaled: 08/12/2020
Permit Number PB18-0706	Applicant Name J.S. VIG CONSTRUCT	ION CO.	Contractor J.S. VIG CONSTRUCTION	Permit Date Apply:07/30/2018	Permit Date Issued:)8/17/2018
OF20-0028	ISSUED (FINAL)	Andover Phase II B	47025 Five Mile RD (Main)	CO Date Apply: 08/13/2020	CO Date Finaled: 08/13/2020
Permit Number PB16-0419	Applicant Name Lakeshore Contracting S	Services LLC	Contractor Lakeshore Contracting Service	Permit Date Apply:06/15/2016	Permit Date Issued:94/11/2017
OF20-0029	ISSUED (FINAL)	Andover Phase II A	47057 Five Mile RD (Main)	CO Date Apply: 08/13/2020	CO Date Finaled: 08/13/2020
Permit Number PB16-0420	Applicant Name Lakeshore Contracting S	Services LLC	Contractor Lakeshore Contracting Servic	Petroit Date Apply:06/15/2016	Permit Date Issued:)4/11/2017
OF20-0030	ISSUED (FINAL)	Burger King	44475 FIVE MILE	CO Date Apply: 08/13/2020	CO Date Finaled: 08/13/2020
Permit Number PB19-1048	Applicant Name OSCAR W LARSON C	OMPANY	Contractor OSCAR W LARSON COMP	Permit Date Apply: 10/03/2019	Permit Date Issued: 1/08/2019
OF20-0031	ISSUED (FINAL)	CL Finlin Insurance Company	47784 HALYARD	CO Date Apply: 08/17/2020	CO Date Finaled: 08/17/2020
Permit Number PB20-0155	Applicant Name SHAW CONSTRUCTION	ON & MGMT	Contractor SHAW CONSTRUCTION &	Permit Date Apply:03/12/2020	Permit Date Issued:)5/20/2020
OF20-0032	ISSUED (FINAL)	R & M ASSET MANAGEMEN	9439 BROOKLINE	CO Date Apply: 08/17/2020	CO Date Finaled: 08/17/2020
Permit Number PB19-0985	Applicant Name Cook Building Co		Contractor Cook Building Co	Permit Date Apply:09/24/2019	Permit Date Issued: 1/18/2019
OF20-0033	ISSUED (FINAL)	CALZOLARI, ENZO	13697 Emrick DR	CO Date Apply: 08/17/2020	CO Date Finaled: 08/17/2020
Permit Number PB18-0283	Applicant Name APK Investments LLC		Contractor APK Investments LLC	Permit Date Apply:04/19/2018	Permit Date Issued:)4/27/2018
OF20-0034	ISSUED (FINAL)	Tuscany Reserve	11807 Tuscany CT	CO Date Apply: 08/24/2020	CO Date Finaled: 08/24/2020
Permit Number PB19-1004	Applicant Name M/I Homes of Michigan	LLC	Contractor	Permit Date Apply:09/25/2019	Permit Date Issued: 0/18/2019

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Revenue Breakdown Report

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09/03/2020

Filter: All Records, Transaction. Date To PostOn in < Previous month> [08/01/20 - 08/31/20] AND

Transaction.TransactionNumber Not = 67,079 AND Transaction.TransactionNumber Not = 67,078

Unit Totals		
Unit Wame	Records	Revenue
	263	156, 351.40
TOTAL	263	156, 351.40

Record Type Totals		
Unat	Records	Rovonno
Permit	263	156,351.40
UNIT TOTAL:	263	156, 351.40

Record Type Breakdowns		
Unat		
Record Type Pormit	Records	Revenue
Building	123	84,389.00
Electrical	37	9,852.00
Mechanical	72	9,680.00
Plumbing	25	4,370.00
Sewer & Water	6	48,060.40
TOTAL:	263	156,351.40

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Plymouth Township Fire Department Monthly Report

August 2020

Response Information:

The Plymouth Township Fire Department responded to 230 emergencies this month.

There was an average of 7.7 runs per day this month.

PTFD's average response time was 5 minutes, 33 seconds to the scene. This includes all responses including non-emergent.

Mutual Aid:

Plymouth Township Fire Department is a member of the Western Wayne County Mutual Aid Association.

	Mutual Aid Received	Mutual Aid Given
Canton	1	3
Northville City	1	2
Northville Township	1	5
Livonia	0	1
HVA	4"	0
Huron Twp	11	0

Fire Loss:

There were **7** fires this month that accounted for **\$16,515.00**worth of damage to possessions and property. We prevented the destruction of **\$777,015.00** In property.

EMS Information:

HVA transported 72 patients to the hospital.

Plymouth Township Fire transported 21 patients to the hospital.

Plymouth transports billed out \$13,174.20 this month, received \$14,716.86 and have \$13,233.01 in outstanding bills over 180 days.

Fire Prevention:

Plymouth Township Fire Department provided **89** comprehensive fire inspections to businesses within Plymouth Township.

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In January run a 12 month/yearend report of previous year.

Reports Included:

CLEMIS Reports

Incidents Section

- Incident Summary by Incident type
 - Incident Type
 - o Type count
 - o Property Loss
 - o Property Value
- Mutual Aid by Department
 - Mutual aid Received
 - Mutual Aid Given

Local Section

- Fire Department Response Times
- o Turnout Time
- o Response Time

Health EMS

Agency Productivity

- Agency Activity Summary
- Patients Transported by HVA
- Patients Transported by PTFD

Billing Summary

Inspection Report

Total count for Public Education - Review Fire Modules Calendar

Yearend - include total training hours

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Incident Type Count

For Dates 8/1/20 - 8/31/20



Incident Type and Description	Count	% Type / % Total
100 - Fire, other	1	14.29 %
113 - Cooking fire, confined to container	1	14.29 %
131 - Passenger vehicle fire	3	42.86 %
142 - Brush, or brush and grass mixture fire	2	28.57 %
Total - Fires	7	2.93 %
300 - Rescue, emergency medical call (EMS) call, other	2	1.22 %
320 - Emergency medical service, other	1	0.61 %
321 - EMS call, excluding vehicle accident with injury	147	89.63 %
322 - Vehicle accident with injuries	11	6.71 %
323 - Motor vehicle/pedestrian accident (MV Ped)	2	1.22 %
331 - Lock-in (if lock out, use 511)	1	0.61 %
Total - Rescue & Emergency Medical Service Incidents	164	68.62 %
411 - Gasoline or other flammable liquid spill	1	8.33 %
412 - Gas leak (natural gas or LPG)	3	25.00 %
440 - Electrical wiring/equipment problem, other	1	8.33 %
443 - Light ballast breakdown	1	8.33 %
444 - Power line down	6	50.00 %
Total - Hazardous Conditions (No fire)	12	5.02 %
500 - Service Call, other	1	9.09%
542 - Animal rescue	2	18.18 %
550 - Public service assistance, other	2	18.18 %
554 - Assist invalid	6	54.55 %
Total - Service Call	11	4.60 %
600 - Good intent call, other	2	10.00 %
611 - Dispatched & cancelled en route	16	80.00 %
6111 - Hospice Death	4	5.00 %
651 - Smoke scare, odor of smoke	1	5.00 %
Total - Good Intent Call	20	8.37 %
7 - False Alarm & False Call	1	5.56 %
700 - False alarm or false call, other	12	66.67 %
733 - Smoke detector activation due to malfunction	2	11.11 %
736 - CO detector activation due to malfunction	4	5.56 %
740 - Unintentional transmission of alarm, other	1	5.56 %
743 - Smoke detector activation, no fire - unintentional	1	5.56 %
Total - False Alarm & False Call	18	7.53 %
814 - Lightning strike (no fire)	ī	100.00 %

Incident Type Count

Incident Type and Description	Count	% Type / % Total
Total - Severe Weather & Natural Disaster	1	0.42 %
9 - Special incident type	1	16.67 %
900 - Special type of incident, other	1	16.67 %
9001 - Dispatch Error	4	66.67 %
Total - Special Incident Type	6	2.51 %
	239	

Municipal Response Times Report

For Dates Beginning 8/1/20 Ending 8/31/20 Incident Types selected for analysis: All For All Priority Types

Time	Alarm	Percent	Cumul	ative	Dispatch	Percent	Cumul	ative	Enroute	Percent	Cumula	tive	Alarm	Percent	Cumula	ative
in Minutes	to Dispatch	Total	Responses	s Percent	to Enroute	Total	Responses	Percent	to Arrival	Total	Responses	Percent	to Arrival	Total	Responses	Perci
0 - 1	122	55.96	122	55.96	53	25.48	53	25.48	12	6.12	12	6.12	2	0.98	2	0.98
1 - 2	82	37.61	204	93.58	94	45.19	147	70.67	15	7.65	27	13.78	5	2.44	7	3.41
2 - 3	10	4.59	214	98.17	47	22.60	194	93.27	42	21.43	69	35.20	8	3.90	15	7.32
3 - 4	4	1.83	218	100.00	12	5.77	206	99.04	40	20.41	109	55.61	22	10.73	37	18.05
4 - 5	0	0.00	218	100.00	2	0.96	208	100.00	22	11.22	131	66.84	25	12.20	62	30.24
5 - 6	0	0.00	218	100.00	0	0.00	208	100.00	28	14.29	159	81.12	36	17.56	98	47.80
6 - 7	0	0.00	218	100.00	0	0.00	208	100.00	16	8.16	175	89.29	32	15.61	130	63.41
7 - 8	0	0.00	218	100.00	0	0.00	208	100.00	8	4.08	183	93.37	18	8.78	148	72.20
8 - 9	0	0.00	218	100.00	0	0.00	208	100.00	6	3.06	189	96.43	21	10.24	169	82.44
9 - 10	0	0.00	218	100.00	0	0.00	208	100.00	1	0.51	190	96.94	19	9.27	188	91.71
10 +	0	0.00	218	100.00	0	0.00	208	100.00	6	3.06	196	100.00	17	8.29	205	100.0

Incident Total:

218

Average Times per Incident

Average PSAP Processing Time: 0 minute(s) 53 second(s) (Alarm to Dispatch)

Percent less than or equal to 60 Seconds: 55.96
Percent less than or equal to 90 Seconds: 81.19

Average Fire Department Turn Out Time: 1 minute(s) 34 second(s) (Dispatch to Enroute)

Average Fire Department Turn Out and Travel Time: 5 minute(s) 33 second(s) (Dispatch to Arrive)

Average Municipal Response Time: 6 minute(s) 27 second(s) (Alarm to Arrive)

Percentile Response Times in A

PSAP Processing Time less than (Alarm to Dispatch)

Fire Department Tum Out Time (Dispatch to Enroute)

Fire Department Travel Time les (Enroute to Arrive)

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Listing of Mutual Aid Responses by Mutual Aid Department



Time Period: 8/1/20 - 8/31/20 **Department: Canton Twp FD** Mutual aid received 200001696 8/6/20 3:44:15PM 1 08204 JOY RD Subtotal Mutual aid received 1 Mutual aid given 200001785 8/17/20 1:50:24PM 3 08204 5365 DENTON 200001804 8/20/20 3:27:12PM 3 08204 43033 FORD 200001842 8/25/20 10:03:13AM 3 08204 45928 BAYWOOD Subtotal Mutual aid given 3 Subtotal Canton Twp FD 4 **Department: City of Northville FD** Mutual aid given 200001717 8/8/20 4:00:25AM 3 08232 395 W ANN ARBOR TRL Subtotal Mutual aid given 1 Subtotal City of Northville FD 1 **Department: Huron Valley Ambulance** Mutual aid received 200001858 8/27/20 4:31:34PM HVA 12357 PINECREST DR Subtotal Mutual aid received 1 Subtotal Huron Valley Ambulance Department: Huron Twp FD Mutual aid received 200001856 8/27/20 3:32:56PM 1 08224 45501 HELM ST Subtotal Mutual aid received 1 Subtotal Huron Twp FD Department: Livonia Fire & Rescue Mutual aid given

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1275

200001688

8/5/20 12:52:59PM

Subtotal Mutual aid given Subtotal Livonia Fire & Rescue 3

08229

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Time Period: 8/1/20 - 8/31/20

Departmen	t: Northville FD				
Automatic a	id received				
200001787	8/17/20 5:49:26PM	2	08232		12795 PREMIER CENTER CT
Subtotal A	Automatic aid received			1	
Mutual aid g	given				
200001684	8/5/20 9:52:41AM	3	08232		39552 MUIRFIELD LN
	Mutual aid given Northville FD			1 2	
Departmen	t: Northville Twp FD				A STE
Automatic a	id received				
200001787	8/17/20 5:49:26PM	2	08255		12795 PREMIER CENTER CT
Subtotal A	Automatic aid received			1	
Mutual aid g	given				
200001711	8/7/20 7:58:45PM	3	08255		15953 MORNINGSIDE
200001722	8/8/20 6:32:53PM	3	08255		42000 SEVEN MILE RD
200001753	8/13/20 1:41:29PM	3	08255		39581 MUIRFIELD LN
200001805	8/20/20 4:10:38PM	3	08255		42000 SEVEN MILE RD
200001838	8/24/20 11:06:31PM	3	08255		18521 JAMESTOWN CIR
	Mutual aid given Northville Twp FD			5 6	

Total 15

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Incident Summary by Incident Type

For Dates: 8/1/20 - 8/31/20



Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Shift: A				
Station: ST1				
Rescue & Emergency Medical Service Incidents	25	00:06:04	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	2	00:08:16	\$ 0.00	\$ 0.00
Service Calls	1	00:02:59	\$ 0.00	\$ 0.00
Good Intent Calls	4	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:05:36	\$ 0.00	\$ 0.00
Total for Station: ST1	33	00:05:21	\$ 0.00	\$ 0.00
Station: ST2				-
Fires	2	00:07:55	\$ 3,600.00	\$ 5,500.00
Rescue & Emergency Medical Service Incidents	17	00:06:03	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:09:06	\$ 0.00	\$ 0.00
Service Calls	2	00:04:14	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:09:37	\$ 0.00	\$ 0.00
Special Incident Types	1	00:00:01	\$ 0.00	\$ 0.00
Total for Station: ST2	25	00:05:50	\$ 3,600.00	\$ 5,500.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	18	00:06:48	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	2	00:10:22	\$ 0.00	\$ 0.00
Service Calls	4	00:08:21	\$ 0.00	\$ 0.00
Good Intent Calls	3	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:07:05	\$ 0.00	\$ 0.00
Total for Station: ST3	30	00:06:35	\$ 0.00	\$ 0.00
Total for Shift: A	88.00	00:05:55	\$ 3,600.00	\$ 5,500.00
Shift: B				
Station: MA				
Rescue & Emergency Medical Service Incidents	1	00:06:47	\$ 0.00	\$ 0.00
Total for Station: MA	1	00:06:47	\$ 0.00	\$ 0.00
Station: ST1		20.10.01	# 100.00	
Fires	1	00:10:24	\$ 100.00	\$ 750,000.00
Rescue & Emergency Medical Service Incidents	25	00:05:59	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	2	00:09:17	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	5	00:06:11	\$ 0.00 \$ 0.00	\$ 0.00
Special Incident Types Total for Station: ST1	3	00:02:32 00:05:43	\$ 100.00	\$ 0.00 \$ 750,000.00
Station: ST2			\$ 223.00	
Fires	2	00:07:35	\$ 215.00	\$ 1,015.00
Rescue & Emergency Medical Service Incidents	15	00:07:45	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:09:36	\$ 0.00	\$ 0.00
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Incident Summary by Incident Type

incluent Summary by Incluent Type	Incident	Average		
Incident Type	Count	Response Time	Total Loss To	otal Value
Service Calls	1	00:04:08	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:05:08	\$ 0.00	\$ 0.00
Special Incident Types	1	00:00:01	\$ 0.00	\$ 0.00
Total for Station: ST2	23	00:06:32	\$ 215.00	\$ 1,015.00
Station: ST3		<u> </u>		
Fires	2	00:03:36	\$ 12,600.00	\$ 20,500.00
Rescue & Emergency Medical Service Incidents	18	00:07:29	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:06:27	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:01:13	\$ 0.00	\$ 0.00
False Alarm & False Calls	4	00:06:15	\$ 0.00	\$ 0.00
Total for Station: ST3	27	00:06:31	\$ 12,600.00	\$ 20,500.00
Total for Shift: B	89.00	00:06:11	\$ 12,915.00	\$ 771,515.00
Shift: C				
Station: MA	1	00-00-00	\$ 0.00	£ 0.00
Good Intent Calls	1	00:00:00		\$ 0.00
Total for Station: MA	1	00:00:00	\$ 0.00	\$ 0.00
Station: ST1	16	00.05.25	\$ 0.00	
Rescue & Emergency Medical Service Incidents	16	00:05:35	\$ 0.00 \$ 0.00	\$ 0.00 \$ 0.00
Hazardous Conditions (No fire)	3	00:06:25	\$ 0.00	
Good Intent Calls	1 2	00:00:00 00:04:51	\$ 0.00	\$ 0.00 \$ 0.00
False Alarm & False Calls Total for Station: ST1	22	00:05:23	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	11	00:06:56	\$ 0.00	\$ 0.00
Service Calls	1	00:05:32	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:07:51	\$ 0.00	\$ 0.00
Total for Station: ST2	14	00:06:58	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	18	00:05:29	\$ 0.00	\$ 0.00
Service Calls	3	00:08:44	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:05:42	\$ 0.00	\$ 0.00
Severe Weather & Natural Disasters Total for Station: ST3	25	00:11:38 00:05:42	\$ 2,000.00 \$ 2,000.00	\$ 0.00 \$ 0.00
Total for Station, S15	2 3	00.00.72	<i>—</i>	4 0.00
Total for Shift: C	62.00	00:05:47	\$ 2,000.00	\$ 0.00
Total	239.00	00:05:59	\$ 18,515.00	\$ 777,015.0

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Agency Activity Summary

Plymouth Township Fire Dept

Agency: Plymouth Township Fire Dept | Run Disposition: All Transports, Treated and Transferred Care

Total Number of ePCRs: 93 Total Number of Incidents: 93

By Branch

01 Station 1 = 26	02 Sta	ation 2 = 3	32 03	3 Station 3 = 35		
Run Disposition	#	<u>%</u>		;	<u>#</u>	<u>%</u>
Treated/Transported	21	22.6%	Dead Prior To Arrival	N	l/A	N/A
Treated / Transferred Care	72	77.4%	Dead After Arrival	N	I/A	N/A
Treated/No Transport (AMA)	N/A	N/A	Treat/Transported by Private V	eh. N	I/A	N/A
Treated / No Transport (Per Protocol)	N/A	N/A	Assist	N	l/A	N/A
Transported / Refused Care	N/A	N/A	Other	N	l/A	N/A
No Transport / Refused Care	N/A	N/A	No Patient Found	N	l/A	N/A
Cancelled	N/A	N/A				
Left Blank	N/A	N/A				
Run Type	<u>#</u>	<u>%</u>			#	<u>%</u>
Emergency Runs	93	100.0%	Non-Emergency Runs	N	/A	N/A
Stand By	N/A	N/A	Stand By	N	/A	N/A
Mutual Aid	1	1.1%	Mutual Aid	N	l/A	N/A
Interfacility	N/A	N/A	Interfacility	N	l/A	N/A
Intercept	N/A	N/A	Intercept	N	/A	N/A
Emergency Runs (Scheduled)	N/A	N/A	Non-Emergency Runs (Sched	uled) N	/A	N/A
Stand By	N/A	N/A	Stand By		l/A	N/A
Mutual Aid	N/A	N/A	Mutual Aid	N	l/A	N/A
Interfacility	N/A	N/A	Interfacility	N	/A	N/A
Intercept	N/A	N/A	Intercept	N	l/A	N/A

Emergency Type Left Blank: 0

Runs by Unit

	Total	Treat/	Treat/	Treat/No	Treat/No	Transp/		Dead	Dead	T/T	No Trans/			No Pat.	
<u>Unit</u>	Runs	Transp	<u>Transfer</u>	Transp(AMA)	Transp(PP)	Ref. Care	<u>Cancelled</u>	Prior Arr	After Arr	Priv Veh	Ref. Care	<u>Assist</u>	Other	Found	
RES1	28	6	22	0	0	0	0	0	0	0	0	0	0	0	
RES2	32	9	23	0	0	0	0	0	0	0	0	0	0	0	
RES3	33	6	27	0	0	0	0	0	0	0	0	0	0	0	
Total	93	21	72	0	0	0	0	0	0	0	0	0	0	0	

Runs by Service Level

Dispatched			Recommended		
Service Level	<u>#</u>	<u>%</u>	Service Level	#	<u>%</u>
BLS	2	2.2%	BLS	73	78.5%
ALS	91	97.8%	ALS1	20	21.5%
SCT	N/A	N/A	ALS2	N/A	N/A
			SCT	N/A	N/A
			Rotary Wing	N/A	N/A
			Fixed Wing	N/A	N/A

Runs by Insurance Type with Service Level (Multiple insurance types may have

been marked on a run)

Description

<u>Type</u>	BLS	<u>%</u>	ALS1	<u>%</u>	ALS2	<u>%</u>	SCT	%Rotary	Wing	%Fixed	d Wing	%	Total	%
None	73	78.5%	20	21.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	93 1	00.0%

Runs by Primary PI (Note - Primary PI is based on the ICD-10 priority setup in HealthEMS)

%

Abdominal Pain	3	3.2%
Allergic Reaction	3	3.2%
Alt. Level Conscious	5	5.4%
Anxiety	2	2.2%
Back Pain (No Trauma)	2	2.2%
Behavioral Disorder	1	1.1%
CVA/Stroke	5	5.4%
Cardiac Symptoms	2	2.2%
Chest Pain	5	5.4%
Diabetic Symptoms	2	2.2%
Dyspnea-SOB	6	6.5%
Elevated Temp/Fever	2	2.2%
Flu Symptoms	2	2.2%
GI -Bleed	1	1.1%
Nausea	2	2.2%
Psychiatric Emerg.	6	6.5%
Respiratory Failure	1	1.1%
Seizure	1	1.1%
Syncope/Fainting	1	1.1%
Trauma Injury	20	21.5%
Unknown Medical	4	4.3%
Urinary Bleeding	1	1.1%
Weakness	13	14.0%
Left Blank	3	3.2%
Total	93	100.0%

Runs by Dispatch (EMD) Code

Description	#	%
1 Abdominal Pain	2	2.2%
10 Chest Pain [non-traumatic]	5	5.4%
12 Convulsions/Seizures	1	1.1%
13 Diabetic	1	1:1%
14 Drowning	1	1.1%
17 Falls	14	15.1%
19 Heart Problems A.I.D.C	1	1.1%
2 Allergies/Envenomations	1	1.1%
21 Hemorrhage/Lacerations	2	2.2%
23 Overdose/poisoning	1	1.1%
25 Psychiatric/Abnormal behavior/Suicide Attempt	7	7.5%
26 Sick Person	26	28.0%
28 Stroke [CVA]	2	2.2%
29 Traffic/Accidents	5	5.4%
30 Traumatic Injuries	7	7.5%
31 Unconscious/Fainting	3	3.2%
32 Unknown Problem	1	1.1%
5 Back Pain	1	1.1%
6 Breathing Problems	8	8.6%
88 Not applicable	1	1.1%
99 Unknown	3	3.2%
Left Blank	0	0.0%
Total	93	100.0%

<u>Transport From (Category)</u>

	<u>#</u>	<u>%</u>
Left Blank	93	100.0%
Total	93	100.0%
Transport From (Facility)		
	#	<u>%</u>
Left Blank	93	100.0%
Total	93	100.0%
Transport To (Destination Facility)		
	#	<u>%</u>
St Mary Livonia ER	65	69.9%
Providence Park ER-Novi	8	8.6%
UNIVERSITY OF MICHIGAN ER	8	8.6%
St Joe Ann Arbor ER	7	7.5%
C.S. Mott Children's Hospital	2	2.2%
Beaumont Farmington Hills (Botsford)	1	1.1%
Henry Ford West Bloomfield	1	1.1%
Detroit Medical Center	1	1.1%
Total	93	100.0%

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AGING SUMMARY
PLYMOUTH MONTHLY AGING REPORT
REPORT AS OF AUGUST 31, 2020

<u>ID</u>	Description	Calls	Current	31 to 60	61 to 90	91 to 120	121 to 150	151 to 180	Over 180	Total
APPL	APPEAL PATIENT 30		2 0.00	0.00	0.00	0.00	675.20	0.00	686.00	1361.20
BCBS	ELECT BCBS		4 722.0	656.00	746.00	0.00	0.00	0.00	686.00	2810.00
CAIP	PAPER MEDICAID R		3 539.6	0.00	0.00	0.00	0.00	0.00	1271.20	1810.80
CARE	ELECT - MEDICARE		1 0.00	0.00	0.00	722.00	0.00	0.00	0.00	722.00
CAREBL	ELECT MEDICARE P		7 1800.0	1272.40	0.00	0.00	0.00	0.00	1296.40	4368.80
COMP	PAPER WORK COM		1 0.0	0.00	0.00	0.00	0.00	0.00	722.00	722.00
CRED	MHR REFUND CREDI		2 0.00	0.00	0.00	-516.00	0.00	0.00	-25.00	-541.00
FIREINS	FIRE RECOVERY 15		3 0.0	0.00	0.00	0.00	0.00	0.00	675.00	675.00
INSU	PAPER INS PRIMAR		2 686.0	0.00	734.00	0.00	0.00	0.00	0.00	1420.00
NEIC	ELECT INS NEIC		4 0.00	560.00	806.00	0.00	0.00	0.00	1708.00	3074.00
NEICCAID	ELECT MEDICAID NE		1 0.00	0.00	0.00	0.00	0.00	0.00	516.80	516.80
PCAR	PAPER MEDICARE		1 0.00	0.00	0.00	0.00	0.00	0.00	711.20	711.20
PRIV	REQUEST PRIVATE		1 705.2	0.00	0.00	0.00	0.00	0.00	0.00	705.20
PRV2	PAPER - PRIVATE P	3	5 8721.4	2011.21	4208.50	0.00	0.00	1110.37	2160.78	18212.26
REVIEW	REVIEW	1	1 0.00	0.00	1420.00	0.00	50.00	382.97	2474.63	4327.60
SINS	PAPER INS SECOND		0.00	0.00	131.69	0.00	0.00	0.00	0.00	131.69
TIME	TIME PAY ACCOUNT		1 0.00	0.00	0.00	0.00	0.00	0.00	350.00	350.00
		**		19 			-			
Totals		8	0 13174.20	4499.61	8046.19	206.00	725.20	1493.34	13233.01	41377.55

PLYMOUTH MONTHLY CHARGE REPORT REPORT AS OF AUGUST 31, 2020

					Charge	Charge	2		Total Charge
<u>ID</u>	<u>Description</u>	QTY	QTY %	2	Count	Count		<u>Charges</u>	<u>%</u>
427	ALS EMERGENCY		12	6.47	1	2	32.43	7800.00	59.21
429	BLS EMERGENCY		6	3.23		6	16.22	3000.00	22.77
0425MC	CMS MILEAGE	51	57.6	31.03	7	7	18.92	691.20	5.25
425	MILEAGE		109	58.73	1	1	29.73	1308.00	9.93
MVA	MOTOR VEHICLE ACCIDENT		1	0.54)	1	2.7	375.00	2.85
Totals		1	185.6		3	7		13174.20	

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CREDIT SUMMARY PLYMOUTH MONTHLY CREDIT REPORT REPORT AS OF AUGUST 31, 2020

<u>ID</u>	<u>Description</u>	Credits	QTY %	Amount	Amount %
2	Adjustment	16	18.18	3729.25	25.34
1.	Other Payment	54	61.36	7345.8	49.91
6	Patient Payment	11	12.5	2620.14	17.8
5	Write Off	7	7.95	1021.67	6.94
Totals For A	All	88		14716.86	

MobileEyes

Inspection Volume

Filters:

Inspection Source: Internal Department Only

• Start Date: 8/1/2020 12:00:00 AM

End Date:8/31/2020 11:59:59 PM

· Inspector:-all-

Occupancy Type:-all-

· IFC Occupant Class:-all-

· Occupancy Number:-all-

■ Zip Code:-all-

Address:-all-

Street Name: -all-

• Inspection Type: -all Fire Safety types-

9/8/2020 1:14:13 PM

· Section Number: -all-

Volume by Inspector

Phillips, Daniel	# of Inspections ¹	Violations Cited	Occupant Sq. Ft.
Re-inspect FS	1		0
Fire Alarm Test (1) Total 1³			
Total	1	0	0
D 1 11 1-55	# of	Violations	Occupant
Randall, Jeff	Inspections ¹	Cited	Sq. Ft.
2-Year ^{FS}	8		55,525
3-Year ^{FS}	32		76,110
Annual ^{FS}	18		21,245
Business Update FS	1		0
Complaint ^{FS}	1		0
Fire Alarm Test ^{FS}	2		180,000
Freedom of Information FS	3		219,552
Hydromatic Test ^{FS}	1		0
Semi-Annual (twice a year) FS	19		21,900
Site Plan ^{FS}	1		0
Suppression System FS	1		180,000
Underground Flush FS	1		0
Total	88	2	754,332

Totals

Iotais					
	# of Inspections ¹	Violations Cited	Violations Cleared ²	Violations Remaining	Occupant Sq. Ft.
FC		0.1.0	Olcarca		-
2-Year ^{FS}	8				55,525
3-Year ^{FS}	32				76,110
Annual ^{FS}	18				21,245
Business Update ^{FS}	1				0
Complaint ^{FS}	1				0
Fire Alarm Test ^{FS}	2				180,000
Freedom of Information FS	3				219,552
Hydromatic Test ^{FS}	1				0
Re-inspect ^{FS}	1				0
Semi-Annual (twice a year) ^{FS}	19				21,900
Site Plan ^{FS}	1				0
Suppression System ^{FS}	1				180,000
Underground Flush ^{FS}	1				0
Total ⁵	89	2	0	2	754,332

¹This is actually a count for the inspection type. A single inspection with two types will total as two not one.

²Cleared violations from re-inspections outside the date range ARE included if initial inspection falls within date range.

³One re-inspection can encompass multiple inspection types - this is why the re-inspection type-specific total is frequently greater than the # of inspections.

FS Fire Safety Inspection.

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MCKENNA

Memorandum

TO: Board of Trustees and Planning Commission

Charter Township of Plymouth, Michigan

FROM: Laura Haw, AICP, NCI

Natalie Bond

SUBJECT: Planning, Zoning, Design and Economic Development Report - August, 2020

DATE: September 9, 2020

McKenna provides day-to-day assistance to the Township, applicants, and the public regarding zoning, planning and economic development matters, including on-site office hours every morning and on an as-needed basis.

PLANNING, ZONING, DESIGN AND ECONOMIC DEVELOPMENT ACTIVITY

As part of our services to the Township, McKenna reviews Planning Commission applications and provides recommendations on long range planning, land use, zoning and design. There are also a number of administrative site plans / projects that McKenna reviews and administers. The following is a summary of current and ongoing site plans, special land uses, rezonings, text amendments and land reconfigurations.

PROJECT	BACKGROUND	STATUS / NEXT STEPS
2262	Applicant submitted a revised site plan for	Final Stamp in progress.
Plymouth Park & Eats 39411 Schoolcraft	Planning Commission consideration at the December 18, 2019 meeting; approved, with conditions.	On-site landscape inspection occurred, applicant to replace several plants that have died.
‡2271 Quick Pass Car Wash	Applicant received, revised, final site plan approval, with conditions, by the Planning Commission.	Applicant in process of acquiring demolition permit and submitting revised site plans.
#2306 41661 Plymouth Hillside Residences	Planned Unit Development for 88 residential units; a revised development plan was recommended to the Board of Trustees on January 16, 2019. Pending Township Attorney review, Wayne County permits, and engineering review and all outstanding items must be addressed.	On February 11, 2020 a 6-month extension, with a 3-month progress report was granted by the Board of Trustees. A Brownfield Plan was approved by the BOT on July 14, 2020. They are tentatively scheduled for the October Planning Commission Meeting.



g and E	oning Active Projects	
PROJECT	BACKGROUND	STATUS / NEXT STEPS
#2312 Ponds at Andover	Application for seven (7) single-family detached units on 11 acres submitted to the Township.	Final development approval granted at the June 17, 2020 Planning Commission meeting.
	The tentative development plan was approved, with conditions, at the March 18, 2020 Planning Commission meeting.	Approval granted for the Cluster Housing Agreement at the August 25, 2020 BOT meeting. Final Stamp in progress.
#2314 15100 Fogg	Site plan approval for new industrial building.	Final Stamp in process, awaiting final engineering approval.
#2320 V Tech (Innotech) Business Park	Final site plan approval, with conditions, granted by the Planning Commission for the Business Park on April 17, 2019 for infrastructure and utilities only.	Approval granted for a one-year Site Plan extension at the May 13, 2020 Planning Commission meeting, to expire on April 17, 2021.
#2325 40880 Ann Arbor	Tentative site plan approval, with conditions, granted by the Planning Commission at their March 20, 2019 meeting. Final site plan	Administrative review committee to review the revised site plan and signage plan, prior to Final Stamp.
Burger King Remodel	approval, with conditions, granted at the March 18, 2020 Planning Commission meeting.	Project on hold per applicant's request.
#2332 Boleski Funeral Home	Applicant withdrawn from the April 17, 2019 Planning Commission agenda. Tentative site plan approval, with conditions, granted for the March Planning Commission meeting.	Awaiting final site plan submission by the applicant.
#2340 43939 Plymouth Oaks	Illmore parking lot expansion, administrative review.	Awaiting Wayne County permits; a one-year site plan extension request granted on June 23, 2020, to expire on June 23, 2021.
#2346 Phoenix Mill	Redevelopment of the former Wayne County Road Yard, adjacent to Hines Park, into a restaurant and event space.	Planning Commission granted Final Site Plan approval on July 15, 2020 for the restaurant use only. The Township is slated to have a follow up call with Wayne County and the applicant regarding parking on September 9, 2020.
#2348 Plymouth	Redevelopment, under a 2016 PUD agreement, for the Henry Ford Health System and	Administrative site plan review in progress, waiting on revised site plans from the applicant!
Marketplace	associated outlot at Haggerty and Ann Arbor Road.	Finalization of the PUD amendment pending.
#2349 General Drive Plymouth Storage	Tentative and final site plan approval for a climate-controlled storage facility and covered RV parking, with conditions, on December 18, 2019.	Final Stamp pending, awaiting engineering approval.
#2351 Suburban Cədillac Remodel	Building façade renovations and new landscaping proposed. Final site plan approval, with conditions, granted at the March 18, 2020 Planning Commission meeting.	Final Stamp in process, awaiting engineering approval.



PROJECT	BACKGROUND	STATUS / NEXT STEPS
#2355 42480 Postiff	Application for two additional professional office space buildings submitted to the Township. Tentative and final site plan approval, with conditions, was granted on March 18, 2020.	Project on hold, per applicant request.
#2357 Bank of Ann Arbor	Administrative site plan for construction of a transformer.	Updated application received, reviewed and approved. Final Stamp issued; file to be closed.
#2358 47334 Joy	Land division request for three resulting lots made; the future lot would be used for additional single-family homes.	Review complete; minimum dimensional requirements are not met for the R-1-H District, applicant to resubmit plans.
#2359 Ridge 5 Flex Building	Site plan review for a 66,000 sq.ft. industrial / office building at the SE comer of Ridge and Five Mile Roads.	Approved. File to be closed.
#2361 Margate Residential Subdivision	Application submitted for a Cluster Housing Option at 9295 Canton Center Road for 30 single family homes.	Public hearing held at the July 15, 2020 Planning Commission meeting. Approval granted by the Board of Truslees on August 25, 2020. Awaiting materials for Final Stamp.
#2362 46200 N. Territorial CHO	Application submitted for a Cluster Housing Option at 46200 N. Territorial.	Public hearing held at the August 19, 2020 Planning Commission meeting agenda; application tabled for 90 days.
#2363 General Drive (RV Storage)	Application submitted for Land Combination at the General Drive (RV Storage) site.	Approved. File to be closed.
#2364 Suburban Cadillac	Application submitted for Land Combination.	Approved. File to be closed.
9075 Haggerty Amazon Facility	Administrative site plan review for an extension to the existing facility at 9075 Haggerty Road, for 2021.	Conference calls with applicant re: pre-development and landscaping. Applicant to submit plans in late 2020.

RECOMMENDATIONS AND THE NEXT MONTH OUTLOOK

- Elk's Property. The Elk's property is for sale; we have received several inquiries on the site for redevelopment, including the adjacent 30 acres to the north and are working with a developer on a PUD for the site.
- CSX Improvements. CSX provided an update to the Township regarding the proposed improvements to the overpass on Ann Arbor Road and has requested additional information, including utility and right-of-way details. The Township is in the process of providing additional information to CSX.

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- Master Plan Update. Phase 1 of the Plymouth Township Master Plan initiated. The Planning Department will provide an update to the Planning Commission at the September 16, 2020 meeting and a subsequent presentation to the Board of Trustees.
- Text Amendments in Progress:
 - Review of landscape standards, Article 26 of the Zoning Ordinance.
 - o Review of subdivision gate standards.
 - Review of covered porch/pergola standards.
- Township initiated rezoning of the Shearer Cemetery to the Public Lands district recommended; a public hearing to be considered at a future Planning Commission meeting. Text amendment consideration for municipal cemeteries to be designated as a permitted land use in the Public Land zoning district.
- Master Deed for Ridge 5 Corporate Park approved by the Board of Trustees—a plan for the public pathway is to be presented and considered within the next 3 months.

If you have any questions on the above planning, zoning and design projects or would like additional information, please contact Laura Haw at Lhaw@mcka.com. Thank you.

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Plymouth Twp. Police August 2020

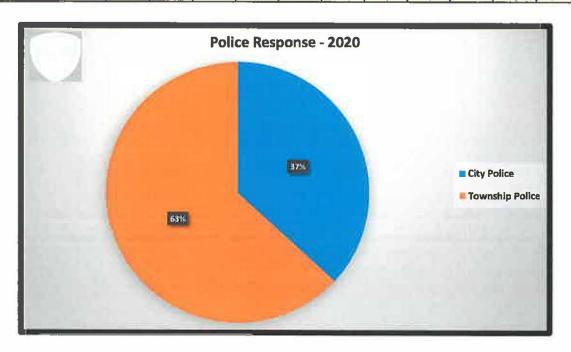
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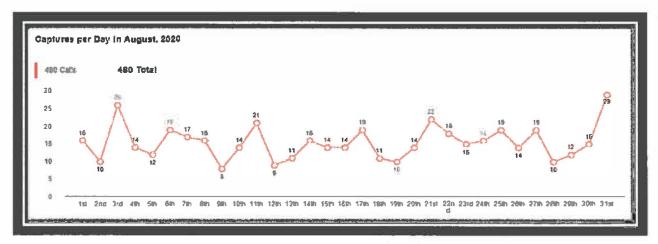


CLASS	Description	Aug/2020	Aug/2019	% CHG	YTD 2020	YTD 2019	% CHG
11001	SEXUAL PENETRATION PENISWAGINA -CSC IST DEC	0	o	0%	2	1	100.0%
11005	SEXUAL PENETRATION OBJECT -CSC IST DEGREE	0	0	0%	1	G	0%
11006	SEXUAL PENETRATION OBJECT -CSC 3RD DEGREE	0	0	0%	1	1	0%
11007	SEXUAL CONTACT FORCIBLE -CSC 2ND DEGREE	0	0	0%	2	O	0%
11008	SEXUAL CONTACT FORCIBLE -CSC 4TH DEGREE	0	0	0%	Ð	1	-100.0%
12000	ROBSERY	1	0	0%	1	0	0%
13001	NONAGGRAVATED ASSAULT	4	1	300.0%	35	47	-25.5%
13002	AGGRAVATED/FELONIOUS ASSAULT	1	1	0%	3-	8	-62.5%
13003	INTIMIDATION/STALKING	8	9	0%	4	7	-42.9%
20000	ARSON	0	0	0%	0	1	-100.0%
22001	BURGLARY -FORCED ENTRY	0	5	-100.0%	5	11	-54.5%
22002	BURGLARY -ENTRY WITHOUT FORCE (Intent to Comm	1	1	0%	4	5	-20.0%
23003	LARCENY -THEFT FROM BUILDING	2	4	-50.0%	10	27	-63.0%
23005	LARCENY -THEFT FROM MOTOR VEHICLE	2	2	0%	10	22	-54.5%
23006	LARCENY -THEFT OF MOTOR VEHICLE PARTS/ACCE	2	1	100.0%	12	19	-36.8%
23007	LARCENY -OTHER	5	1	400.0%	16	22	-27.3%
24001	MOTOR VEHICLE THEFT	8	0	0%	12	9	33.3%
24002	MOTOR VEHICLE, AS STOLEN PROPERTY	0	1	-100.0%	0	1	-100.0%
25000	FORGERY/COUNTERFEITING	1	0	0%	2	0	0%
26001	FRAUD -FALSE PRETENSE/SWINDLE/CONFIDENCE	1	4	-75.0%	11	27	-59.3%
26002	FRAUD -CREDIT CARD/AUTOMATIC TELLER MACHIN	1	1	0%	3	7	-57.1%
26005	FRAUD -WIRE FRAUD	0	Ð	0%	2	O.	0%
26007	FRAUD - IDENTITY THEFT	6	2	208.0%	52	43	20.9%
27000	EMBEZZLEMENT	0	0	0%	2	2	0%
28000	STOLEN PROPERTY	0	0	0%	1	3	-66.7%
29000	DAMAGE TO PROPERTY	4	4	0%	27	28	-3.6%

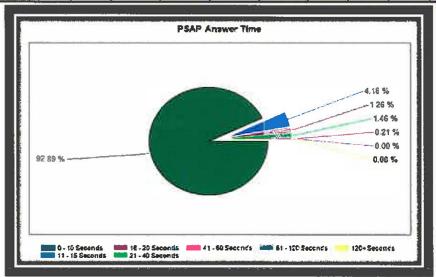
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				F	POLICE	RESPO	NSE		-				
2020	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	ОСТ	NOV	DEC	YTD
City Police	761	704	513	270	318	446	490	575	0	0	0	0	4,077
Township Police	1,254	1,151	854	438	548	732	939	1,088	_ 0	0	0	0	7,004
Total	2,015	1,855	1,367	708	866	1,178	1,429	1,663	0	0	0	0	11,081
				F	POLICE	RESPO	NSE						
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
City Police	1,017	936	708	918	1,033	1,085	946	767	809	823	707	685	10,434
Township Police	1,255	1,025	1,410	1,085	1,244	1,190	1,209	1,158	1,188	1,206	1,162	1,076	14,208
Total	2,272	1,961	2,118	2,003	2,277	2,275	2,155	1,925	1,997	2,029	1,869	1,761	24,642





2020 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,183	1,027	512	325	362	395	503	480	0	0	0	0	4,787
# of Non-Emergency Calls	2,310	2,222	2,184	1,896	2,095	2,253	2,421	2,545	0	0	0	0	17,926
Total	3,493	3,249	2,696	2,221	2,457	2,648	2,924	3,025	0	0	0	0	22,713
	3 115		المستعدد		17		<u> </u>						
2019 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JÜL	AUG	SEP	OCT	HOV	DEC	YID
# of 911 Calls	1,266	1,121	1,365	1,134	1,207	1,349	1,405	1,273	1,226	1,255	1,289	1,138	15,028
# of Non-Emergency Calls	2,602	2,381	2,319	2,262	2,852	2,732	2,743	2,309	2,340	2,603	2,374	2,388	29,905
Total	3,868	3.602	3,584	3.396	4.059	4,081	4,148	3,582	3,566	3.858	3 663	3,526	44,933



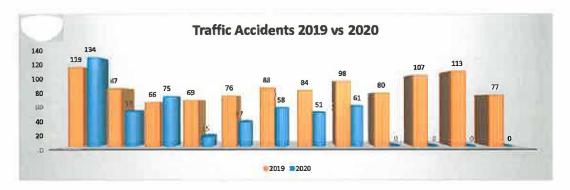
3.1 Standard for answering 9-I-I Calls. Ninety percent (90%) of all 9-1-1 calls arriving at the Public Safety Answering Point (PSAP) shall be answered within ten (10) seconds during the busy hour (the hour each day with the greatest call volume, as defined in the NENA Master Glossary). Ninety-five (95%) of all 9-1-1 calls should be answered within twenty (20) seconds.

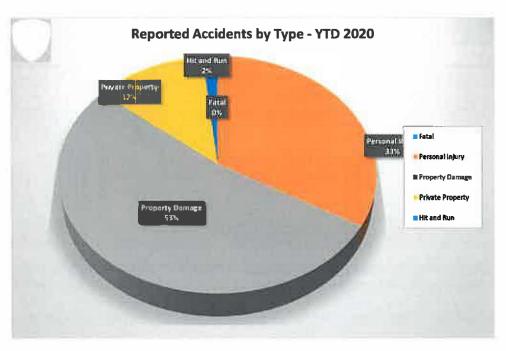
%	answer	time	10	seconds	1	72.87%
1%	answer	time	20	seconds	Ţ	78.33%



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TRAFFIC ACCIDENT SUMMARY														
2020	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	ост	NOV	DEC	YTD	
Fatal	0	0	0	0	0	0	0	0	0	0	0	0	0	
Personal Injury	66	12	36	1	6	12	13	16	0	0	0	0	162	
Property Damage	56	40	29	9	20	32	33	35	0	0	0	0	254	
Private Property	12	0	10	5	11	14	0	8	0	0	0	0	60	
Hit and Run	0	1	0	0	0	0	5	2	0	0	0	0	8	
Total	134	53	75	15	37	58	51	61	0	0	0	0	484	
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	ОСТ	NOV	DEC	YTO	
Fatal	0	0	0	0	0	D	0	0	0	0	0	0	0	
Personal Injury	14	5	10	11	13	14	14	16	17	12	17	10	153	
Property Damage	92	63	47	41	47	59	49	57	49	76	80	61	721	
Private Property	13	19	9	17	16	13	21	25	14	19	16	5	187	
Hit and Run	0	0	0	0	0	2	0	0	0	0	0	1	3	
Total	119	87	66	69	76	88	84	98	80	107	113	77	1064	





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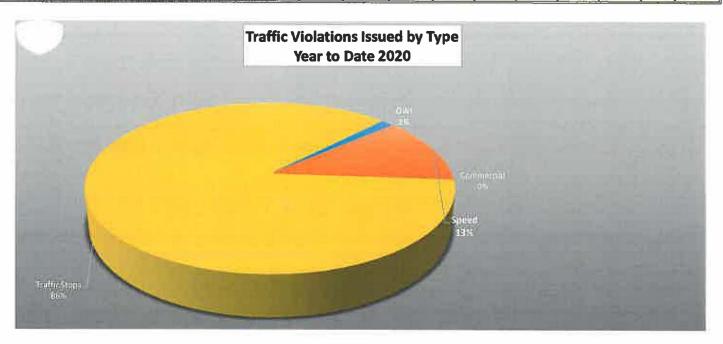
TRAFFIC VIOLATION SUMMARY

January 1, 2020 through December 31, 2020													
2020	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
OWI	6	6	2	0	3	0	5	12	0	0	0	0	34
Speed	59	65	49	1	2	2	56	67	0	0	0	0	301
Commercial	0	1	0	1	0	0	0	0	0	0	0	0	2
Traffic Stops	468	428	283	14	78	84	322	400	0	0	0	0	2,077

Number of Arrests													
2020	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Felony	5	12	2	0	3	0	6	7	0	0	0	0	35
Misdemenor	67	69	48	15	15	14	37	50	0	0	0	0	315
Citations	258	256	152	22	46	51	150	191	0	0	0	0	1,126
Total	330	337	202	37	64	65	193	248	0	0	0	0	1,476

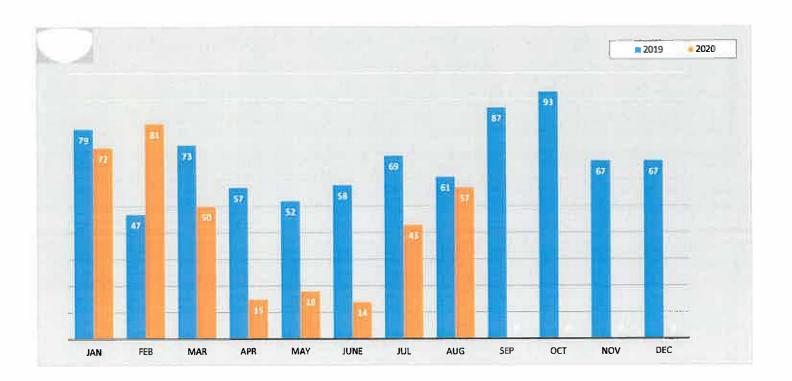
January 1, 2019 through December 31, 2019													
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	ОСТ	NOV	DEC	YTD TOTAL
owi	5	1	10	7	7	2	2	9	6	11	8	8	76
Speed	41	40	53	77	79	50	74	49	52	66	49	34	664
Commercial	8	0	1	0	2	1	0	4	2	3	0	0	21
Traffic Stops	509	384	474	455	454	404	429	405	397	411	292	346	4,960

	Number of Arrests												
2019	JAN	FEB.	MAR	APR	MAY	JUNE	JUL	AUG	SEP	ОСТ	NOV	DEC	YTD TOTAL
Felony	14	5	9	3	4	10	10	14	13	12	5	10	109
Misdemenor	65	42	64	54	48	48	59	47	74	81	62	57	701
Citations	262	192	237	221	230	193	194	222	206	248	222	172	2,599
Total	341	239	310	278	282	251	263	283	293	341	289	239	3,409



NUMBER OF ARRESTS

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	ОСТ	NOV	DEC	YTD TOTAL
2020	72	81	50	15	18	14	43	57	0	0	0	0	350
2019	79	47	73	57	52	58	69	61	87	93	67	67	810



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BOARD DATE

9/22/2020

			PAYROLL &	
		TOTAL	INVOICES PAID	INVOICES PAID
FUND NAME	FUND NUMBER	INC PAYROLL	PRIOR TO MEETING	AFTER BOARD REVIEW
			257	32 13
GENERAL FUND	101	578,392.80	460,388.98	118,003.82
SWD	226	4,416.66	4,310.59	106.07
IMPROV. REV.	246		_	
DRUG FORFEITURE	265	Th.	-	
DRUG FORFEITURE	266	t.	-	
DRUG FORFEITURE	267	-	-	
GOLF COURSE FUND	510	9	ē	
SENIOR TRANSPORATION	588	6,251.97	5,573.36	678.61
WATER & SEWER	592	212,627.63	185,664.96	26,962.67
TRUST& AGENCY	701	4	(8)	,
POLICE BOND FUND	702	4,853.00	4,853.00	
TAX POOL	703	112,934.40	112,934.40	
SPECIAL ASSESS CAPITAL	805	38.01	38.01	
	TOTAL	919,514.47	773,763.30	145,751.17

GRAND TOTAL

919,514.47

Advanced Satellite Communications			Invoice Amount:	\$468.00
ASC -ACCESS SERVICE AGR - QTLY BIL	LING-SOC 101-691-818.000	Otty Billing for Soccer Park	Check Date:	09/22/2020 468.00
AMERICAN TEST CENTER INC.			Invoice Amount:	\$615.00
LADDER TESTING			Check Date:	09/22/2020
	101-336-851.000	GROUND LADDERS TESTED	F-18.	615.00
ANDREW TREE SERVICE, LLC.			Invoice Amount:	\$900.00
STA#3 TREE TRIMMING			Check Date:	09/22/2020
	101-336-776.000	STA#3 TREE TRIMMING	The Propriet	900.00
B & R JANITORIAL SUPPLY			Invoice Amount:	\$689.66
CLEANING SUPPLIES		140	Check Date:	09/22/2020
	101-336-776.000	CASCADE ACTIONPACS 25/B	200	195.86
	101-336-776.000 101-336-776.000	PUREX LIQUID LAUNDRY DE CHAMP DISINFECTANT CAN		345.72 148.08
DIO CARE THE	332 303	CHAIN DIGINI CONTROL		
BIO-CARE INC			Invoice Amount:	\$11,088.25
FF PHYSICALS	101-336-835.000	PHYSICALS FOR 21 FIREFIG	Check Date:	09/22/2020 <i>11,088.25</i>
BLACKWELL FORD INC.		7111111	• • • • • • • • • • • • • • • • • • •	
			Invoice Amount:	\$139.95
R1 OIL CHANGE	101-336-863.000-20	R1 OIL CHANGE	Check Date:	09/22/2020 139.95
BLACKWELL FORD INC.		10 0	Invoice Amount:	\$95.00
R1 VEHICLE INSPECTION			Check Date:	09/22/2020
	101-336-863.000	R1 VEHICLE INSPECTION	r a Brail	95.00
BLACKWELL FORD INC.			Invoice Amount:	\$270.40
INV. 367470 8/28/2020 VEHICLE REPAI	R/C0749		Check Date:	09/22/2020
	101-305-863.000	REPLACE SHIFTER LEVER	N 30 - 125, 4	270.40
BLACKWELL FORD INC.			Invoice Amount:	\$734.02
INV. 367706 9/3/2020 VEHICLE REPAIR	/1280 75		Check Date:	09/22/2020
	101-305-863.000	INSTALL NEW HANDLE AND	SWITCH	734.02
BLACKWELL FORD INC.		2.78	Invoice Amount:	\$199.97
INV. 367975 9/8/2020 VEHICLE REPAIR	/129715		Check Date:	09/22/2020
	101-305-863.000	REPLACE TIRE	N THE RESERVE	199.97
BLACKWELL FORD INC.			Invoice Amount:	\$51.52
NV. 367970 9/8/2020 VEHICLE REPAIR	/B68428		Check Date:	09/22/2020
	101-305-863.000	THE WORKS OIL CHANGE	N	51.52
BLACKWELL FORD INC.		W W	Invoice Amount:	\$51.52
INV. 366622 9/10/2020 VEHICLE REPAI	R/A5947		Check Date:	09/22/2020
	101-305-863.000	THE WORKS OIL CHANGE		51.52
OCCUPATIONAL HEALTH CENTERS OF M	I		Invoice Amount:	\$92.00
UDS COLLECT AND RANDOM BREATH A	LCOHOL-		Check Date:	09/22/2020
10000	592-172-818.000	DAVID NELSON (DPW)	+ #	92.00
CODE SAVVY CONSULTANTS LLC			Invoice Amount:	\$500.00
PLAN REVIEW FOR FIRE ALARM SYSTEM	MEMTE		Check Date:	09/22/2020
	<i>101-371-818.000</i>	INVOICE 1705		500.00

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CONFLY DATING				
CONELY, PATRICK			Invoice Amount:	\$25.00
PARAMEDIC LICENSE RENEWAL - LT. C	ONELY <i>101-336-960.000</i>	REIMB TO RENEW PARAMEL	Check Date: DIC LIC.	09/22/2020 <i>25.00</i>
CORPORATE CLEANING GROUP INC			Invoice Amount:	\$2,766.50
MONTHLY CLEANING			Check Date:	09/22/2020
MONTHLY CLEANING	101-315-951.000-20	INVOICE 12474	CHECK Dute.	250.00
	101-265-776.000	INVOICE 12474		1,082.00
	592-172-776.000	INVOICE 12474		226.00
	101-336-776.000	INVOICE 12474		101.00
	101-305-776.000	INVOICE 12471		1,107.50
CORPORATE CLEANING GROUP INC			Invoice Amount:	\$405.00
MONTHLY CLEANING			Check Date:	09/22/2020
MONTHLY CLEANING	101-265-858,000	INVOICE INVOICE 12517	Clieck Date:	60.00
	<i>592-172-776.000</i>	INVOICE 1744OICE 12517		345.00
CORRIGAN OIL COMPANY			Invoice Amount:	£1 252 05
				\$1,252.95
#7106372 8/28/2020	FO2 204 7F0 000	DVCD (# TD4 / O1** 6** 5	Check Date:	09/22/2020
	<i>592-291-759.000</i>	DYED ULTRA LOW SULFER #	#2 MIX	<i>553.48</i>
	<i>592-291-759.000</i>	GE87 GAS-ETHANOL		682.77
	592-291-759.000 592-291-759.000	Environmental Fee Fuel Tax Recap		6.95 9.75
DC Dontal Too				
DC Dental, Inc.			Invoice Amount:	\$344.25
INV. 687370IN 8/10/2020 ULTRA ONE		HIGH RISK - XLARGE	Check Date:	09/22/202 0 <i>344.25</i>
Denny's Service Center	1 10		Invoice Amount:	\$678.61
#870568 - SENIOR TRANSPORTATION	VEHICLE		Check Date:	09/22/2020
	588-588-863.000	LABOR AND PARTS-# 87056	8	678.61
Dominion Voting			Invoice Amount:	\$225.00
MODEM CELLULAR SERVICE 02/01/19 -	01/31/20		Check Date:	09/22/2020
MODEM CELEULAR SERVICE 02/01/19	101-262-818.000	MODEM CELLULAR SERVICE		225.00
EctoHR, Inc.			Invoice Amount:	\$11,100.36
ECTOHR - AUGUST 2020 SERVICES - (D	FTAILED		Check Date:	09/22/2020
	101-171-818.200	8/20 SERVICES - INV. 11510		11,100.36
FELLRATH, PATRICK			Invoice Amount:	\$109.25
MILEAGE REIMBURSEMENT AUGUST 20	20		Check Date:	09/22/2020
MEELAGE REILIBORGELIEM AGGGGT 20	592-291-863.000	MILEAGE REIMBURSEMENT		109.25
FIRE MODULES LLC			Invoice Amount:	\$1,199.00
ANNUAL CAD RENEWAL			Check Date:	09/22/2020
ANNOAL CAD RENEWAL	101-336-824.000	ANNUAL CAD RENEWAL	CHECK Date.	1,199.00
FIRE SERVICE MANAGEMENT			Invoice Amount:	\$117.90
			Check Date:	•
				09/22/2020
	101-336-758.100	CLEAN & REPAIR GEAR - FF	BUKIS	<i>117.90</i>
REPAIR AND CLEAN GEAR - FF BUKIS	101-336-758.100	CLEAN & REPAIR GEAR - FF	XEL S	
REPAIR AND CLEAN GEAR - FF BUKIS POCO SALES, INC.	101-336-758.100	CLEAN & REPAIR GEAR - FF	Invoice Amount:	\$5,636.00
REPAIR AND CLEAN GEAR - FF BUKIS POCO SALES, INC.			XEL S	\$5,636.00 09/22/2020
POCO SALES, INC. QUOTE 8/28/2020	101-336-758.100 592-172-978.001 592-172-978.001	CLEAN & REPAIR GEAR - FF 18" ORANGE CONES 28" ORANGE CONES	Invoice Amount:	\$5,636.00 09/22/2020 700.00 1,100.00

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/ENDOR INFORMATION		INVOICE INFO	RMATION	
	592-172-978.001	241-8 TYPE 1 BARRICADE		<i>570.00</i>
	592-172-978.001	BI DIRECTIONAL TYPE 3 BARRIC		1,328.00
	592-172-978,001	STEADY BURN BARRICADE LIGHT	WITH BATTE	<i>540.00</i>
Great Lakes Ace Hardware		Inv	voice Amount:	\$51.62
MAINT OF EQUIPMENT			Check Date:	09/22/2020
	101-336-851.000	MAINT PARTS FOR EQUIPMENT		51.62
GreatAmerica Financial Services		In	voice Amount:	\$448.19
STANDARD PAYMENT & SUPPLY FREIG	יעד בבב (כ		Check Date:	09/22/2020
STANDARD PATMENT & SUPPLI FREIG	101-215-978.500	STD PMT	CHECK Date.	442.89
	101-215-978.500	FREIGHT		<i>5.30</i>
GROSS, SCOTT		Tny	voice Amount:	\$4.44
•		III		•
REIMB FOR PRESS & SEAL FOR MASKS			Check Date:	09/22/2020
	101-336-960.000	REIMB FOR PRESS & SEAL FOR M	IASKS	4.44
H2O Towers, LLC.		Inv	voice Amount:	\$6,500.00
WATER TOWER MAINTENANCE			Check Date:	09/22/2020
	592-443-939.000	WATER TOWER MAINTENANCE		6,500.00
HASTINGS AIR-ENERGY CONTROL		In	voice Amount:	\$999.43
CTA#2 AID CTDL CEDVICE CALL			Check Date:	09/22/2020
STA#3 AIR CTRL SERVICE CALL	101-336-851.000	STA#3 AIR CRTL UNIT REPAIR	Check Date.	999.43
HASTINGS AIR-ENERGY CONTROL		Tm	voice Amount:	631E 0E
		III		\$215.95
STATION #2 AIR SYSTEM MAINTENAN	CE 101-336-851,000	STA#2 MAINT OF AIR SYSTEM	Check Date:	09/22/2020 215.95
HEMMING, POLACZYK, CRONIN, SMITH		In	voice Amount:	\$10,819.50
LEGAL SERVICES AUGUST 2020 SERVI			Check Date:	09/22/2020
	101-290-825.000	ORDINANCE PROSECUTIONS		6,864.38
	101-290-827.000	COMMUNITY DEVELOPMENT		<i>262.50</i>
	101-290-826.000 592-172-830.000	ADMIN WATER AND SEWER		<i>2,940.00</i>
	101-290-826.000	BUILDING DEPT.		459,38 249,36
	101-290-826.000 101 -2 90-826.000	MISC		249.50 4.50
	101-290-826.000	FIRE		
	101-290-020.000	FIRE.		<i>39.38</i>
HUMANE SOCIETY OF HURON VALLEY		In	voice Amount:	\$25.00
INV. 2020008 8/31/2020 STRAY IMPOL	JND SERVI		Check Date:	09/22/2020
	101-305-819.000	STRAY IMPOUND SERVICES - CAS	SE #20-6005	25.00
HYDRO CORP		In	voice Amount:	\$1,851.00
CROSS CONNECTION CONTROL PROG	RAM AUG		Check Date:	09/22/2020
	592-291-804.000	CROSS CONNECTION CONTROL I		1,851.00
IRON MOUNTAIN		Tn	voice Amount:	\$248.36
OFFICITE CTODACE CEDT 2020		2	Check Date:	09/22/2020
OFFSITE STORAGE - SEPT 2020	101-215-818,000	OFFSITE STORAGE - SEPT 2020	CHECK Date:	248.36
3 & B MEDICAL SUPPLY INC		Tes	voice Amount:	\$188.91
		III		•
MEDICAL SUPPLIES	101-336-836.000	KIM47950 KIMBERLY-CLARK RES	Check Date: PIRATOR ACC	09/22/202 0 <i>188.91</i>
1				
J & B MEDICAL SUPPLY INC		In	voice Amount:	\$24.65
MEDICAL SUPPLIES			Check Date:	09/22/2020

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VENDOR INFORMATION		INVOICE IN	IFORMATION	
	101-336-836.000	TEL1115 HUDSON RCI OXYO	SEN TUBING 7 FT S	24.65
J & B MEDICAL SUPPLY INC		20	Invoice Amount:	\$127.95
MEDICAL SUPPLIES			Check Date:	09/22/2020
	101-336-836,000	TEL1115 HUDSON RCI OXYG	SEN TUBING 7 FT S	<i>17.85</i>
	101-336-836.000	KIM55082 KC500 PURPLE NI	TRILE EXAM GLOV	110.10
KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$1,500.00
DATTO CLOUD BACKUP SUBSCRIPTION	N FOR 202		Check Date:	09/22/2020
The second process of the second seco	101-290-941.000	CLOUD BACKUP MONTHLY S		1,500.00
KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$150.00
FIREWALL MONITORING SEP 2020 - IN	IVOTCF# 1		Check Date:	09/22/2020
TIMEWILE FIGURE OF LODGE IN	101-290-941.000	FIREWALL MONITORING - SI		150.00
KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$1,180.00
TECH SUPPORT NEW PHONES RELATE	D NETWO		Check Date:	09/22/2020
TECH SOLF ON NEW THORES NEEDTE	101-290-941.000	TECH SUPPORT -NEW PHON		1,180.00
KNIGHT TECHNOLOGY GROUP, INC.		30001 31	Invoice Amount:	\$1,617.50
TECH SUPPORT NEW PHONES RELATE	D SDWAN/		Check Date:	09/22/2020
TEGIT GOTT GIVE THE TEGIT E	101-290-941.000	TECH SUPPORT -NEW PHON		1,617.50
KONICA MINOLTA BUSINESS SOLUTIO	DNS		Invoice Amount:	\$187.93
INV. 9007061713 8/25/2020 MAINT. A	GREEMEN		Check Date:	09/22/2020
	101-305-851.000	7/26/2020 - 8/25/2020 COVE		187.93
KONICA MINOLTA BUSINESS SOLUTIO	ONS		Invoice Amount:	\$78.92
COPY CHARGES - JULY 2020 (CLERK'S OFFICE			Check Date:	09/22/2020
•	101-215-727.000	B&W COPIES - CLERK C451		0.90
	101-371-727.000	B&W Copies - Bldg C353		13.69
	101-371-727.000	Color Copies - Bidg C353	#	64.33
KONICA MINOLTA BUSINESS SOLUTIO	ONS		Invoice Amount:	\$142.21
MAINTENANCE #267978340 8/30/2020			Check Date:	09/22/2020
	<i>101-171-727.000</i>	C454e Copier Maintenance		29.86
	101-201-851.000	Maint.		<i>5.69</i>
	<i>101-371-851.500</i>	Maint.		7.11
	<i>226-226-727.000</i>	Maint.		7.11
	<i>592-172-818.000</i>	Maint	- 4m - max	92.44
KONICA MINOLTA BUSINESS SOLUTIO	ONS		Invoice Amount:	\$99.11
MAATRITENIANICE #2CZ4E4010 0/4/2020			Check Date:	09/22/2020
MAIN ENANCE #26/454010 8/1/2020				
MAIN ENANCE #26/454010 8/1/2020	101-171-727.000	C454e Copier Maintenance		20.81
MAIN ENANCE #26/454010 8/1/2020	101-201-851.000	Maint.		3.96
MAIN ENANCE #26/454010 8/1/2020	101-201-851.000 101-371-851.500	Maint. Maint.		3.96 4.96
MAINTENANCE #267454010 8/1/2020	101-201-851.000	Maint.		3.96
	101-201-851.000 101-371-851.500 226-226-727.000 592-172-818.000	Maint. Maint. Maint.	Invoice Amounts	3.96 4.96 4.96 64.42
KONICA MINOLTA BUSINESS SOLUTIO	101-201-851.000 101-371-851.500 226-226-727.000 592-172-818.000	Maint. Maint. Maint.	Invoice Amount: Check Date:	3.96 4.96 4.96 64.42 \$159.73
KONICA MINOLTA BUSINESS SOLUTIO	101-201-851.000 101-371-851.500 226-226-727.000 592-172-818.000 ONS	Maint. Maint. Maint. Maint	Invoice Amount: Check Date:	3.96 4.96 4.96 64.42 \$159.73 09/22/2020
KONICA MINOLTA BUSINESS SOLUTIO	101-201-851.000 101-371-851.500 226-226-727.000 592-172-818.000	Maint. Maint. Maint. Maint Color Copies - Bldg C353		3.96 4.96 4.96 64.42 \$159.73 09/22/2020
KONICA MINOLTA BUSINESS SOLUTIO	101-201-851.000 101-371-851.500 226-226-727.000 592-172-818.000 ONS ('S OF 101-371-727.000	Maint. Maint. Maint. Maint	Check Date:	3.96 4.96 4.96 64.42 \$159.73 09/22/2020
KONICA MINOLTA BUSINESS SOLUTIO	101-201-851.000 101-371-851.500 226-226-727.000 592-172-818.000 ONS ('S OF 101-371-727.000 101-371-727.000	Maint. Maint. Maint. Maint Maint Color Copies - Bidg C353 B&W Copies - Bidg C353	Check Date:	3.96 4.96 4.96 64.42 \$159.73 09/22/2020 136.40 15.99
KONICA MINOLTA BUSINESS SOLUTIO COPY CHARGES - AUGUST 2020 (CLER) KSS Enterprises	101-201-851.000 101-371-851.500 226-226-727.000 592-172-818.000 INS IS OF 101-371-727.000 101-371-727.000 101-215-727.000	Maint. Maint. Maint. Maint Color Copies - Bldg C353 B&W Copies - Bldg C353 COLOR COPIES - CLERK C45.	Check Date:	3.96 4.96 4.96 64.42 \$159.73 09/22/2020 136.40 15.99 0.11

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VENDOR INFORMATION	F02 172 776 000	INVOICE INFO	JIM I I I I	70.22
	<i>592-172-776,000</i>		-	<i>79.32</i>
	<i>592-172-776.000</i>	X80 WIPERS WITH HYDROKNIT		72.31
	<i>592-172-776.000</i>	WINDOW CLEANER 2.5 LTR		127.08
AutoZone		I	nvoice Amount:	\$20.45
VACTOR #4382482104 8/31/2020			Check Date:	09/22/2020
	592-291-863.000	PRESTONE PSF GALL		20.45
M H R BILLING SERVICES		Ti	nvoice Amount:	\$342.00
		- -	Check Date:	09/22/2020
MONTHLY BILLING FEE	101-336-959.000	MONTHLY BILLING FEE	Check Date:	342.00
MCKENNA ASSOCIATES INC		Ti	nvoice Amount:	\$296.00
	T 2020 This	10		•
PROFESSIONAL SERVICES - AUGUST		E1 000% COMPLETE MACTER	Check Date:	09/22/2020
	101-371-818.500	51.00% COMPLETE - MASTER P	ZAN	296.00
MCKENNA ASSOCIATES INC		I	nvoice Amount:	\$5,817.00
PROFESSIONAL SERVICES - AUGUST	T 2020 - INV		Check Date:	09/22/2020
	101-371-818.500	12.60 - 1/2 DAY ON-SITE SERV	ICES	4,788.00
	101-371-818.500	1.40 - FULL DAY SERVICES		1,029.00
MCKENNA ASSOCIATES INC		Iı	nvoice Amount:	\$2,957.50
PROFESSIONAL SERVICES - JULY 20	20 ~ 90047-		Check Date:	09/22/2020
	101-371-818.500	PLANNERS (PREP & ATTEND)		522.50
	101-371-818.500	2361 -MARGATE BOT PRESENTA	477ON	375.00
	101-371-818.500	2363 - GEN. DRÍVE RV STORAG	E REVIEW	350.00
	101-371-818.500	2364 - SUBURBAN CADILLAC LA	AND COMBO	350.00
	101-371-818,500	2365 - PEBBLE CREEK LAND DI	VISION	200.00
	<i>101-371-818.500</i>	2330 - WEBASTO, INSPECTION	#2	<i>175.00</i>
	101-371-818.500	2243 - ST. KENETH CHURCH IN	SPECTION #2	<i>175.00</i>
	101-371-818.500	2262 - PARK & EATS INSPECTIO		<i>350.00</i>
	<i>101-371-818</i> , 500	2343 - BURGER KING (5 MILE R	•	<i>350.00</i>
	101-371-818.500	GIS TRAINING (NATALIE BOND))	110.00
MICHIGAN MUNICIPAL LEAGUE		I	nvoice Amount:	\$200.00
LMT ASSOCIATION MEMBER DUES F	OR 7/1/20 -		Check Date:	09/22/2020
ETT AUGUSTATION THE IDEN DOES T	101-290-958.000	LMT ASSN. DUES 2020-21		200.00
MICHIGAN, STATE OF		T	nvoice Amount:	\$60.97
AMBULANCE ASSESMENT			Check Date:	09/22/2020
AMBULANCE ASSESMENT	101-336-863.000	AMBULANCE ASSESSMENT	Check Date.	60.97
Ferguson Waterworks		Ti	nvoice Amount:	\$7,279.68
METERS			Check Date:	09/22/2020
MLIENS	592-172-780.000	5/8X3/4 T10 MTR P/C USG *X	CHECK DALE:	6,507.00
	592-172-780.000	1 T10 MTR P/C USG *X		772.68
MICHIGAN LINEN SERVICE		Ti	nvoice Amount:	\$84.35
		<u> </u>	Check Date:	
UNIFORMS 8/28/20 #431362	592-172-758,000	8/28/20	CHECK DALE:	09/22/2020 <i>84.35</i>
	JJE 17E 7JU,000			
OFFICE DEPOT		I	nvoice Amount:	\$458.94
ENV MOISTENERS, BINDER CLIPS, TY			Check Date:	09/22/2020
	101-215-727.000	ENV MOISTENERS		9.23
	101-215-727.000	POP-UP POST IT NOTES		14.48
	<i>101-215-727.000</i>	BLUE PAPÉR		<i>5.00</i>
	101-215-727.000 101-215-727.000 101-262-727.000	12 X 15.5" TYVEK ENV PAPER MATE FLAIR PENS		66.49 363.74

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YENDOR INFORMATION	INVOICE IN	IFORMATION	
OFFICE DEPOT		Invoice Amount:	\$3.79
ENV MOISTENERS, BINDER CLIPS, TYVEK ENV, P 101-215-727.000	SM BINDER CLIPS	Check Date:	09/22/2020 <i>3.79</i>
OFFICE DEPOT		Invoice Amount:	\$5.49
ENV MOISTENERS, BINDER CLIPS, TYVEK ENV, P 101-215-727.000	GOO GONE PEN	Check Date:	09/22/2020 5.49
OFFICE DEPOT		Invoice Amount:	\$62.99
INV. 117168177001 8/18/2020 POLICE DEPT OFF 101-305-727.000	36" TOWER FAN	Check Date:	09/22/202 0 <i>62.99</i>
OFFICE DEPOT		Invoice Amount:	\$56.57
INV. 117168182001 8/18/2020 COMMUNICATION 101-325-727.000 101-325-727.000	USB CORDS 10' DESK TOP FAN	Check Date:	09/22/2020 23.98 32.59
OFFICE DEPOT		Invoice Amount:	\$10.95
INV. 117085691001 8/18/2020 COMMUNICATION 101-325-727.000	INKJOY PENS	Check Date:	09/22/2020 <i>10.95</i>
OFFICE DEPOT		Invoice Amount:	\$107.94
INV. 117168187001 8/19/2020 POLICE DEPT OFF 101-305-727.000	USB FLASHDRIVES - 2 PACK	Check Date:	09/22/2020 <i>107.94</i>
OFFICE DEPOT		Invoice Amount:	\$8.74
INV. 120634339001 8/29/2020 POLICE DEPT OFF 101-305-727.000	ROLLER ADHESIVE	Check Date:	09/22/2020 8.74
OFFICE DEPOT		Invoice Amount:	\$74.37
BLUE PEN REFILLS, HANGING FOLDERS, FILING 101-215-727.000 101-215-727.000	BOX BOTTOM FOLDERS NUMBERED DIVIDERS	Check Date:	09/22/202 0 <i>67.38</i> <i>6.99</i>
OFFICE DEPOT	W. C.	Invoice Amount:	\$277.97
BLUE PEN REFILLS, HANGING FOLDERS, FILING 101-215-727.000 101-262-727.000	LEGAL FILE SORTER ROLLING FILE CART	Check Date:	09/22/2020 24.79 253.18
OFFICE DEPOT	120	Invoice Amount:	\$4.39
BLUE PEN REFILLS, HANGING FOLDERS, FILING 101-215-727.000	BLUE PEN REFILLS	Check Date:	09/22/2020 4.39
PELTZ SODDING		Invoice Amount:	\$21.60
SOD #192106 8/4/2020 49426 COMMONS BLVD 592-291-932.000	SOD 192106	Check Date:	09/22/2020 21.60
PITNEY BOWES		Invoice Amount:	\$1,211.82
MAIL MACHINE LEASE & LETTER OPENER 06/30/ 101-253-978.500 101-215-978.500	LETTER OPENER - TREAS MAIL MACHINE LEASE - 3RD	Check Date:	09/22/2020 <i>383.02</i> <i>828.80</i>
Planet Technologies, Inc.	3 18 37 13 18 18	Invoice Amount:	
OFFICE 365 SUBSCRIPTION RENEWAL - INVOICE 101-305-818.000 101-305-818.000	EXCHANGE ONLINE PLAN 2 0365 G3 GOV SUBSCRIPTIO	Check Date: GOV SUBSCRIPTIO	\$21,669.12 09/22/2020 2,956.80 3,590.40

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	101-290-941.000	EXCHANGE ONLINE PLAN 2 GOV SUBSCRIPTIO	3,717.12
	101-290-941.000	O365 G3 GOV SUBSCRIPTION	11,404.80
PLYMOUTH RUBBER & TRANSMISSION		Invoice Amount:	\$138.64
SANITARY SEWERS PARTS TO MAKE A NEW FILL		Check Date:	09/22/202
DANTIAR! SEWERS LAKIS TO MAKE A	592-291-938.000	CAMLOCK 2.5 F X HOSE BARB	48.90
	592-291-938,000	HOSE CLAMP C PUNCH 5	9.20
	592-291-938,000	MILL HOSE 2.5 X100	50.25
	592-291-938.000	CAMLOCK 2.5 MXFP	13.36
	592-291-938.000	CAMLOCK 2.5 MXMP	16.93
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$9,112.87
COMERICA BANK - TOWNSHIP CREDIT	CARDS - 1	Check Date:	09/22/202
COMERICA BAINK - 10WNSHIP CREDIT	101-305-779.000	BROTHERS-QUALIFICATION TARGET BACKJER	184.40
	101-691-931.000	ANDERSON-HD-PVC PIPES, BRAKE CLEANER, B	61.80
	101-691-931.000	ANDERSON-ROAD TRAFFIC SIGNS - MILLER PA	157.40
	101-691-978.000	FELLRATH-PARK BIKE RACKS (VISEL)	857.70
	592-172-958.000	FELLRATH-WEF MEMBERSHIP REMEWAL	217.00
	101-336-863.000	FOX-CAR WASH-UTILITY 2 TRUCK CLEANING	21.00
	101-315-951,000-20		160.95
	101-315-951.000-20		140.45
	101-305-727.000	GORDON-MEIJER - CLOROX FOR CLEANING CO	6.97
	101-325-727.000	GORDON-AMAZON-EMER. WEATHER RADIO	60.40
	101-305-960.000	GORDON - CREDIT FOR CO;T ARMORER'S TRA	(550.00)
	101-336-776.000	GROSS-HD-TOWER FAN AND SCREWS	76.56
	101-336-960.000	GROSS-HD-LUMBER	80.69
	101-336-979.000	GROSS-HD- TARP	29.99
	101-336-836.000	GROSS-HD- HAMMER	26.37
	101-336-776.000	HAACK-TOWN LOCKSMITH-FD LOCK REPAIR	105.00
	101-265-776.000	HAACK-HD-TWP GROUNDS SUPPLIES	73.12
	101-262-727.000	HAACK-SAMS-TABLES FOR ELECTION	499.80
	101-265-776.000	HAACK-SAMS-TWP. GROUNDS SUPPLIES	40.86
	101-305-776.000	HAACK-SAMS-PD SUPPLIES	85.78
	101-265-776.000	HAACK-BILL & RODS REPAIR (FAILED REPAIR)	89.00
	101-265-858.000	HAACK-HD-TILE AND HACKSAW BLADES	21.79
	226-226-810.000	HAACK-ACE-TRASH CAN (FOR RES. REPLACEM	21.19
	101-265-776.000	HAACK-DELWOOD-PLUMBING REPAIR ITEMS	<i>88.50</i>
	101-265-776.000	HAACK-BATTERIES FOR TWP GROUNDS	<i>25.28</i>
	101-265-858.000	HAACK-SAM'S-HAND SANITZERS & SOAP	80.68
	101-265-776.000	HAACK-HD-MAILBOX FASTERNERS	<i>17.33</i>
	101-265-858.000	HAACK-SAMS-SENIOR CENTER SUPPLIES	31.9 4
	101-265-799,000	HAACK-BILL & RODS - REFRIGERATOR	920.00
	<i>592-172-776.000</i>	HAMANN-HD-BALL VALVES, ETC	159.82
	592-291-851.000	HAMANN-HD-VARIOÙS TOOLS	222.02
	592-172-776.000	'HAMANN-HD-PVC PARTS, GLUE, ET	25.89
	592-172-776.000	HAMANN-HD-TOOLS, PVC PARTS	89.83
	592-291-935,000	HAMANN-HD-QUICKCRETE MORTAR	33.60
	592-291-932,000	HAMANN-HD-LUMBER, ETC	22.04
	101-691-978.000	HEISE-BIKE RACKS, PUMP (VISEL)	1,500.00
	101-955-885.000	HEISE-CONSTANT CONTACT - E-NEWS	70.00
	101-315-951.000-20	JANKS-ZOOM SUBSCRIPTION	183.37
	101-315-951.000-20	JANKS-OPENVOICE AUDIO CONF. USAGE	21.77
	101-290-941.000	JANKS-SSL SECURITY CERTIFICATE	<i>399.98</i>
	101-265-776.000	LEWIS-MAILBOXES	1,163.45
	101-265-776.000	LEWIS - HD - A/C REPAIR FUSE	11.64
	101-371-727.000	LEWIS-LOWES-SAFETY GLASSES	26.48
	101-265-776.000	LEWIS=HD-BIT & BOLTS FOR MAILBOXES	24.89
		TIN OUT OF DOCTO FOR FIREDOMED	6T.U.

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/ENDOR INFORMATION		INVOICE I	NFORMATION	
	101-371-727.000 LEWIS- ICC-CODE BOOKS INF		NFO	60.40
	101-336-978.001	MACK-AMAZON-LITHIUM BA	ATTERY	230.29
	101-336-863.000	MACK-AMAZON-DRINK HOL	DERS FOR RESCUE	82.80
	101-336-776.000	MACK-AMAZON-COTTON BA	I <i>TH TOWELS</i>	<i>159.95</i>
	<i>101-336-836.000</i>	MACK-AMAZON-GLOVE HOL	DERS .	169.52
	101-315-951.000-20	MACK-AMAZON-THERMOST	A75	289.90
	101-336-776.000	MACK-AMAZON-TOWELS-ST	T. 3	<i>179.95</i>
	101-336-863,000	MACK-HD-LIGHT REPAIR		5.97
	101-336-851,000	PHILLIPS-HD-CABLE TIES		20.09
	101-336-776.000	PHILLIPS (MALLARI)-WORK	OUT EOUIP ST 2	82.66
	101-336-727.000	PHILLIPS-AMAZON-IPAD CA	-	89.95
	101-305-727.000	TIDERINGTON-BATTERY FO	OR KEY FOB ON TW	12.71
PLYMOUTH-CANTON COMMUNITY SCHO	OOLS		Invoice Amount:	\$29.46
FUEL			Check Date:	09/22/2020
ruel g ===	101-336-759.000	FUEL	Circuit Date:	29.46
PLYMOUTH-CANTON COMMUNITY SCHO	OOLS		Invoice Amount:	\$184.66
AUGUST FUEL INVOICES			Check Date:	09/22/2020
AGGGST TOLE INVOICES	101-371-759.000	INVOICE 003319		184.66
AIRGAS USA, LLC			Invoice Amount:	\$397.10
			Check Date:	09/22/2020
OXYGEN	101-336-836.000	OXYGEN	Clieck Date:	<i>397.10</i>
RELIABLE LANDSCAPING INC.			Invoice Amount:	\$600.00
				•
BED CARE - WEEDING	101-691-818.000	MILLER, BRENTWOOD AND	Check Date: LAKE POINTE SOC	09/22/2020 <i>600.00</i>
RELIABLE LANDSCAPING INC.		1,000	Invoice Amount:	\$5,280.00
AUGUST GRASS CUTTING			Check Date:	09/22/2020
700051 017755 COTTING	101-691-818.000	PARKS		3,920.00
	101-265-858.000	FRIENDSHIP STATION		160.00
	592-291-776.000	DPW		400.00
	101-336-776.000	FIRE STATION #2 AND #3		800.00
RITTER GIS			Invoice Amount:	\$1,000.00
CITYWORKS SERVICES AUG 2020			Check Date:	09/22/2020
CITTWORKS SERVICES AUG 2020	592-172-820.000-20	CITYWORKS SERVICES	direct bater	1,000.00
SHRED-IT			Invoice Amount:	\$134.38
CUREDDING CERVICE OF RING (ALICUST	. 2020)		Check Date:	09/22/2020
SHREDDING SERVICE - 8 BINS (AUGUST	2020) 101 - 262-727.000	shred 8 bins	Check Date:	134. 3 8
SOLE CONSTRUCTION, INC.	***		Invoice Amount:	\$10,384.80
SOLE CONSTRUCTION - COMPLETION O	E 2020 M		Check Date:	09/22/2020
SOLE CONSTRUCTION - COMPLETION O	101-691-978.000	MILLER PARK NON-ESCROV		10,384.80
CBTS, LLC	-		Invoice Amount:	\$336.50
TECH SUPPORT - NEW PHONE SYSTEM -	IDENTI		Check Date:	09/22/2020
TECH SOFFORT - INEW FITOINE STOLEM	101-290-941.000	TECH SUPP - TRACE/TAG A		336.50
SUPERIOR MEDICAL WASTE		18.4	Invoice Amount:	\$180.00
			Check Date:	09/22/2020
MEDICAL WASTE PICK UP	101-336-836.000	MEDICAL WASTE PICK UP	Check Date	180.00
Trillium Diversified Services, LLC.			Invoice Amount:	\$2,396.87
			Check Date:	09/22/2020
CLEAN AND SEAL STAMPED CONCRETE			Circk Date	05/22/2020

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VENDOR INFORMATION	IDOR INFORMATION INVOICE INFORMATION		
	101-26 5-776. 000	INVOICE 33862	2,396.87
W.J.O'NEIL COMPANY		Invoice Amount:	\$563.00
INSTALL CIRCON VI ON NEW PC		Check Date:	09/22/2020
	101-265-776.000	INVOICE 32009	563.00
W.J.O'NEIL COMPANY		Invoice Amount:	\$3,455.66
RTU 2 EMERGENCY SERVICE		Check Date:	09/22/2020
KTO Z EMENGENCT SERVICE	101-265-776.000	INVOICE 32018	3,455.66
WAYNE COUNTY		Invoice Amount:	\$203.55
7/2020 TRAFFIC SIGNAL ENERGY IN	VOICE # 10	Check Date:	09/22/2020
7/2020 TRAIT IC SIGNAL LINEROT IN	101-446-920.000	7/2020 TRAFFIC SIGNAL ENERGY # 1010247	203.55
Nelson, David		Invoice Amount:	\$80.00
Training & Certification		Check Date:	09/22/2020
Training & ceremeaton	592-172-960.000	REIMBURSEMENT	80.00
Dell Financial Services, LLC.	_	Invoice Amount:	\$143.88
COMPUTER LEASES - OPTIPLEX 7060	(HR & BL	Check Date:	09/22/2020
COMPOTER LEASES OF THEEX 7000	101-371-978.500	BUILDING - 1 COMPTUER (SEE NOTES)	63.17
	101-171-978.500	HR - 1 COMPUTER (SEE NOTES)	63.17
	101-371-978.500	BUILDING - PPT ONLY	8.77
	101-171-978.500	HR - PPT ONLY	8.77
Dell Financial Services, LLC.		Invoice Amount:	\$68.14
PLANNING DEPT LEASE QTLY PAYMENT ~ 10/1		Check Date:	09/22/2020
	101-371-978.100	PLANNING DEPT. ,COMPUTER (LEASE-QTLY)	61.94
	101-371-978.100	PPT (PLANNING)	6.20
Dell Financial Services, LLC.		Invoice Amount:	\$279.89
LEASES -BLDG, CLERK, DPW (DETAIL	LS ATTACHE	Check Date:	09/22/2020
	101-371-978.500	Building - 1 comptuer (see notes)	69.98
	101-215-978.500	Clerk - 1 computer (see notes)	69.97
	592-172-978.500	DPW - 2 computer (see notes)	139.94
Dell Financial Services, LLC.		Invoice Amount:	\$985.70
COMPUTER LEASES - LEASE - #810-0	6755980-00	Check Date:	09/22/2020
	<i>101-305-978.500</i>	PD - 14 computers - see notes	985.74
	101-305-978.500	Rounding Adjustment	(0.04)
Dell Financial Services, LLC.		Invoice Amount:	\$873.72
COMPUTER LEASES QTLY PAYMENTS	10/1/20-12	Check Date:	09/22/2020
	101-209-978.500	ASSESSING DEPT. COMPUTERS (LEASE - QTLY	320.20
	101-371-978.500	BUILDING DEPT. COMPUTERS (LEASE- QTLY)	192.12
	101-215-978.500	ACCTNG DEPT. COMPUTERS (LEASE - QTRLY)	128.08
	.592-172-978.500 226-226-978.500	DPS COMPUTERS (LEASE - QTRLY)	64.04
	101-209-978.500	SOLIDWASTE COMPUTERS (LEASE - QTRLY)	64.04 43.05
	101-371-978,500	ASSESSING PPT BUILDING PPT	43.85 26.31
	101-215-978.500	ACCOUNTING DEPT. PPT	20.51 17.54
	592-172-978.500	DPS - PPT	8.77
	226-226-978.500	SOLID WASTE PPT	8.77
Dell Financial Services, LLC.		Invoice Amount:	\$52.20
COMPUTER LEASES - 10/1/202011/3	30/2020 /T	Check Date:	09/22/2020
COMMUTER CEMBES - 10/1/2020-11/.	101-253-978,500	TREASURER DEPT. (LEASE-QTLY) - PPT ONLY	17.40
	101-215-978.500	CLERK DEPT. (LEASE-QTLY) - PPT ONLY	<i>30.45</i>
		- · · · · · · · · · · · · · · · · · · ·	

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/ENDOR INFORMATION		INVOICE INFORMATION				
	101-371-978.500	BUILDING DEPT. (LEASE	=QTLY) - PPT ONLY	4.35		
Dell Financial Services, LLC.		Invoice Amount:		\$78.30		
COMPUTER LEASES - 10-1-202011/30/2020 - FI			Check Date:	09/22/2020		
301 H 31 E1 CEP 10E3 20 1 E0E3 227	101-336-978.500	FIRE DEPT COMPUTER ((LEASE-QTLY) - PPT	30.45		
	592-172-978.500	DPW - PPT	,	43.50		
	<i>592-172-978.500</i>	DPW (ROUNDING ADJUST) - PPT		4.35		
HOMETOWN BUILDER LLC			Invoice Amount:	\$15.00		
REFUND PERMIT PB20-0527			Check Date:	09/22/2020		
THE OND FERRIT FEED USE?	101-371-965.000	HOMETOWN BUILDER		15.00		
RANDAZZO MECHANICAL HTG & CLG	G INC.	a a	Invoice Amount:	\$90.00		
PERMIT REFUND			Check Date:	09/22/2020		
PERMIT REFORD	101-371-965.000	PERMIT PM-0215		90.00		
REDGUARD FIRE AND SECURITY			Invoice Amount:	\$1,000.00		
CANCLED PERMIT PE19-0269			Check Date:	09/22/2020		
CHICLES I ENTIT I ELIS 0203	101-371-965.000	REDGUARD FIRE		1,000.00		
41. 00		Total Amour	nt to be Disbursed;	\$145,751,17		

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Charter Township of Plymouth P. Pronds P496/20 AP Invoice Listing - Board Report

VENDOR INFORMATION

17TH DISTRICT COURT

BOND RECEIPT 09-04-2020

INVOICE INFORMATION

Invoice Amount:

\$1,500.00

Check Date:

09/20/2020

1,500.00

702-100-087,000

BOND RECEIPT NUMBER 8205

Total Amount to be Disbursed:

\$1,500.00

Refunds Page /16/20

VENDOR INFORMATION	INVOICE INFORMATION				
MCKENNA ASSOCIATES INC BD Bond Refund	101-371-283.015	BPZ19-0014	Invoice Amount: Check Date:	\$467.50 09/13/2020 467.50	
CHARTER TWSP OF PLYMOUTH		500-2	Invoice Amount:	\$715.75	
BD Bond Refund	101-371-283.001	BP06-0354 - PB05-0959	Check Date:	09/13/2020 715.75	
CHARTER TWSP OF PLYMOUTH		- 2	Invoice Amount:	\$1,000.00	
BD Bond Refund	101-371-283.001	BBD16-0029 - PB16-0121	Check Date:	09/13/2020 <i>1,000.00</i>	
CHARTER TWSP OF PLYMOUTH			Invoice Amount:	\$1,000.00	
BD Bond Refund	101-371-283.001	BBD16-0030 - PB16-0122	Check Date:	09/13/2020 <i>1,000.00</i>	
CHARTER TWSP OF PLYMOUTH BD Bond Refund	101-371-283.001	BP06-0355 - PB05-0960	Invoice Amount: Check Date:	\$1,000.00 09/13/2020 1,000.00	
CHARTER TWSP OF PLYMOUTH BD Bond Refund	101-371-283.001	** BP06-0356 - PB05-0961	Invoice Amount: Check Date:	\$1,000.00 09/13/2020	
CUARTER TWEN OF BLVMOUTU	101-5; 1-265.001	BP00-0330 - PD03-0301		1,000.00	
BD Bond Refund	101-371-283.001	BP13-0022 - PB13-0769	Invoice Amount: Check Date:	\$1,000.00 09/13/2020 1,000.00	
CHARTER TWSP OF PLYMOUTH			Invoice Amount:	\$1,000.00	
BD Bond Refund	101-371-283.001	BP15-0106 - PB15-0972	Check Date:	09/13/2020 1,000.00	
ANDOVER FOREST LLC BD Bond Refund			Invoice Amount: Check Date:	\$200.00 09/13/2020	
	101-371-283.005	BBD20-0008 - PSW20-0026		200.00	
Rayyan Center BD Bond Refund	101-371-283.014	BPZ20-0001	Invoice Amount: Check Date:	\$152.00 09/13/2020 152.00	
KIESSEL, ROBERT - JUDITH	- Italian		Invoice Amount:	\$2,636.06	
2020 Sum Tax Refund R-78-053-01-05	53-000 <i>703-000-202.000</i>	Accounts Payable	Check Date:	09/13/2020 2,636.06	
HOTT, SHERRY D			Invoice Amount:	\$2,485.25	
2020 Sum Tax Refund R-78-053-01-04	11-000 <i>703-000-202.000</i>	Accounts Payable	Check Date:	09/13/2020 2,485.25	
MACFARLANE, KENNETH - LISSETTE			Invoice Amount:	\$1,362.47	
2020 SUM TAX REFUND MTT 78036070	0006000 <i>703-000-202.000</i> <i>703-100-179.000</i>	Accounts Payable INTEREST EARNED	Check Date:	09/13/2020 1,359.37 3.10	
CAPITAL REAL ESTATE TAX SERVICE	X4		Invoice Amount:	\$1,674.49	
2020 SUM TAX DUP PYMT 78-060-02-0	0070-000 <i>703-000-202.000</i>	Accounts Payable	Check Date:	09/13/2020 1,674.49	

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CAPITAL REAL ESTATE TAX SERVICE	Invoice Amount:	\$3,588.57
2020 SUM TAX DUP PYMT 78-060-02-0068-000 703-000-202.000 Accounts Payal	Check Date:	09/13/2020 3,588.57
LERETA LLC	Invoice Amount:	\$4,747.16
2020 SUM TAX DUP PYMT 78-061-05-0018-000 703-000-202.000 Accounts Payal	Check Date:	09/13/2020 <i>4,747.16</i>
LERETA LLC	Invoice Amount:	\$1,622.99
2020 SUM TAX DUP PYMT 78-059-03-0134-000 703-000-202.000 Accounts Paya	Check Date:	09/13/2020 <i>1,622.99</i>
CORELOGIC CENTRALIZED REFUNDS	Invoice Amount:	\$1,157.11
2020 Sum Tax Refund R-78-059-04-0017-000 703-000-202.000 Accounts Payar	Check Date:	09/13/2020 <i>1,157.11</i>
CORELOGIC CENTRALIZED REFUNDS	Invoice Amount:	\$6,893.49
2020 Sum Tax Refund R-78-054-99-0022-001 703-000-202.000 Accounts Paya	Check Date:	09/13/2020 <i>6,893.49</i>
CORELOGIC CENTRALIZED REFUNDS	Invoice Amount:	\$2,480.83
2020 Sum Tax Refund R-78-063-02-0086-000 703-000-202.000 Accounts Paya	Check Date:	09/13/2020 2,480.83
CORELOGIC CENTRALIZED REFUNDS	Invoice Amount:	\$4,711.72
2020 Sum Tax Refund R-78-036-05-0173-000 703-000-202.000 Accounts Paya	Check Date:	09/13/2020 <i>4,711.72</i>
CORELOGIC CENTRALIZED REFUNDS	Invoice Amount:	\$3,954.54
2020 Sum Tax Refund R-78-011-02-0031-000 703-000-202.000 Accounts Paya	Check Date:	09/13/2020 <i>3,954.54</i>
CORELOGIC CENTRALIZED REFUNDS	Invoice Amount:	\$6,133.24
2020 Sum Tax Refund R-78-033-03-0031-300 703-000-202.000 Accounts Paya	Check Date:	09/13/2020 6,133.24
CORELOGIC CENTRALIZED REFUNDS	Invoice Amount:	\$2,534.45
2020 Sum Tax Refund R-78-017-02-0549-000 703-000-202.000 Accounts Paya	Check Date:	09/13/2020 2,534.45
CORELOGIC CENTRALIZED REFUNDS	Invoice Amount:	\$1,767.59
2020 Sum Tax Refund R-78-060-02-0066-000 703-000-202,000 Accounts Paya	Check Date:	09/13/2020 1,767.59
CORELOGIC CENTRALIZED REFUNDS	Invoice Amount:	\$3,320.69
2020 Sum Tax Refund R-78-017-99-0027-002 703-000-202.000 Accounts Paya	Check Date:	09/13/2020 3;320.69
CORELOGIC CENTRALIZED REFUNDS	Invoice Amount:	\$4,256.46
2020 Sum Tax Refund R-78-058-03-0013-000 703-000-202.000 Accounts Paya	Check Date:	09/13/2020 4,256.46
CORELOGIC CENTRALIZED REFUNDS	Invoice Amount:	\$1,945.94
2020 Sum Tax Refund R-78-064-02-0034-000 703-000-202.000 Accounts Paya	Check Date:	09/13/2020 1,945.94

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VENDOR INFORMATION	INVOICE INFORMATION				
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$2,757.71		
2020 Sum Tax Refund R-78-061-03-0103-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 2,757.71		
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$3,192.65		
2020 Sum Tax Refund R-78-055-02-0061-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 <i>3,192.65</i>		
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$5,514.73		
2020 Sum Tax Refund R-78-046-99-0003-706 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 5,514.73		
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$2,127.10		
2020 Sum Tax Refund R-78-066-02-0092-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 2,127.10		
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$4,588.72		
2020 Sum Tax Refund R-78-059-03-0286-701 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 <i>4,588.72</i>		
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$5,700.90		
2020 Sum Tax Refund R-78-007-02-0151-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 <i>5,700.90</i>		
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$2,386.79		
2020 Sum Tax Refund R-78-058-02-0142-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 <i>2,386.79</i>		
CORELOGIC CENTRALIZED REFUNDS	S- Mills	Invoice Amount:	\$4,522.73		
2020 Sum Tax Refund R-78-051-01-0045-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 <i>4,522.73</i>		
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$2,137.79		
2020 Sum Tax Refund R-78-061-04-0048-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 <i>2,137.79</i>		
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$2,310.02		
2020 Sum Tax Refund R-78-063-01-0174-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020		
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$2,849.14		
2020 Sum Tax Refund R-78-022-03-0711-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 <i>2,849.14</i>		
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$8,369.10		
2020 Sum Tax Refund R-78-036-08-0008-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 <i>8,369.10</i>		
CORELOGIC CENTRALIZED REFUNDS		Invoice Amount:	\$4,507.60		
2020 Sum Tax Refund R-78-056-06-0009-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 <i>4,507.60</i>		
		Invoice Amount:	\$4,696.37		
CORELOGIC CENTRALIZED REFUNDS		THEOREE AIRCUIT.	4-100001		
CORELOGIC CENTRALIZED REFUNDS 2020 Sum Tax Refund R-78-056-06-0003-000 703-000-202.000	Accounts Payable	Check Date:	09/13/2020 4,696.37		

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VENDOR INFORMATION	INVOICE INFORMATION			
ALERUS FINANCIAL		\$25,350.32 09/16/2020		
MERS - DC FT EMPLOYEES EMPLOYER CONTRI				
	101-171-714.010	SUPERVISOR'S OFFICE		1,168.73
	101-201-714.010	IT DIRECTOR		<i>796.87</i>
	101-215-714.010	CLERK'S OFFICE		2,052.98
	101-253-714.010	TREASURER'S OFFICE		982.56
	101-265-714.010	BUILDING MANAGER (HAAC	K)	267.12
	101-305-714.010	PD DEPT. (TIDERINGTON, G	CORDON)	808.92
	101-305-714.030	PD DEPT UNION		<i>3,489.63</i>
	101-325-714.010	DISPATCH DEPT.		<i>2,349.62</i>
	<i>101-336-714.010</i>	FIRE - JOWSEY		282.96
	<i>101-336-714.020</i>	FIRE - UNION		4,995.93
	<i>101-371-714.010</i>	BUILDING DEPT.		<i>1,794.92</i>
	226-226-714.010	SOLID WASTE DEPT.		<i>353.88</i>
	<i>588-588-714.010</i>	SENIOR TRANS		<i>326.14</i>
	<i>592-172-714.010</i>	PUBLIC SERVICES		926.16
	592-291-714.000	DPW - FELLRATH, HAMANN		<i>1,394.22</i>
	592-291-714.040	DPW		<i>2,715.00</i>
	101-262-714.000	ELECTIONS (TERRELL)		298.69
	<i>101-100-231.000</i>	RODRIGUEZ (DISPATCH) LO	AN	<i>191.47</i>
	101-100-231.000	NELSON (DPW) LOAN		154.52
ALERUS FINANCIAL			Invoice Amount:	\$7,615.31
MERS - DC FT EMPLOYEES EMPLOYE	E CONTRI		Check Date:	09/16/2020
MERS - DC FT EMPLOTEES ** EMPLOTE	101-100-231.000	MERS EMPLOYEE PRE TAX	Oncok Batci	6,961.24
	101-100-231.000	MERS EMPLOYEE POST TAX		654.07
ALERUS FINANCIAL			Invoice Amount:	\$20,558.38
	2020 D4		Check Date:	09/16/2020
MERS-457 PLAN - ALL EMPLOYEES 9-11	-2020 PA <i>101-100-239.000</i>	457 CONT. PRE-TAX	Check Date.	20,060.17
	101-100-239.000	457 CONT. ROTH POST-TAX	,	498.21
AT&T			Invoice Amount:	\$1,846.51
	107 0000		Check Date:	· ·
AT&T - TELEPHONE ALLOCATION AUGU		Information Consider	Check Date:	09/16/2020 126.27
	101-201-853.000	Information Services		75.39
	101-209-853.000	Assessing		
	101-371-853,000	Building		210.17
	101-336-853,000	Fire		331.77
	101-305-853.000	Police		<i>336.11</i>
	101-171-853.000	Supervisor		196.49
	101-253-853.000	Treasurer		167.64
	101-215-853.000	Clerk		<i>97.91</i>
	101-371-853.500	Community Development		78.24 126.44
	101-325-853.000	Dispatch		126.44 20.02
	101-265-854.000	Water/Sewer (Util)		<i>30.02</i>
	101-691-853.000 592-172-853.000	Park Gen Expense Tel		23.52 46.54
			Torrect of the contract of the	
C.O.A.M PLYMOUTH TOWNSHIP			Invoice Amount:	\$377.40
COAM UNION DUES -SEPTEMBER 2020			Check Date:	09/16/2020
	101-100-232.050	FETNER, WILLIAM J.		75.48
	101-100-232.050	HOFFMAN, MARC		75.48
	101-100-232.050	KREBS, RYAN		<i>75.48</i>
	101-100-232.050	RUPARD, BRYAN		75.48
	<i>101-100-232.050</i>	FRITZ, MICHAEL		<i>75.48</i>

WTUA - AUGUST 2020

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09/16/2020

Check Date:

COMCAST			Invoice Amount:	\$231.75
INTERNET - SEPTEMBER 2020 AC	~~ anna1367		Check Date:	09/16/2020
INTERNET - SEFTEMBER 2020 - AC	101-691-921.000	Township Park		64.95
	101-336-921.000	Fire		64.95
	<i>101-325-853.400</i>	Telephone		101.85
COMCAST			Invoice Amount:	\$168.40
INTERNET - SEPTEMBER 2020	ACCT 85		Check Date:	09/16/2020
THE THE TEN DELTE TO TH	101-336-921.000	AUGUST 2020 FIRE INTERNE	T	168.40
P.O.A.M PLYMOUTH TOWNSHIP			Invoice Amount:	\$2,104.70
POAM & DISPATCH UNION DUES -S	EPTEMBER 20		Check Date:	09/16/2020
	101-100-232.010	POAM Union Dues		1,543.08
	101-100-232.040	Dispatch Union Dues		560.82
	<i>101-100-232.040</i>	DISP DUES80 PMT SHORT	4 <i>GE 6/2020</i>	0.80
PLYMOUTH POSTMASTER			Invoice Amount:	\$3,000.00
POSTAGE FOR FALL NEWSLETTER -	PERMIT #21		Check Date:	09/16/2020
	101-290-730.000	SEPT 2020 FALL NEWSLETTE	R -PERMIT 218	3,000.00
TEAMSTER LOCAL # 214			Invoice Amount:	\$520.00
TEAMSTER LOCAL #214 SEPTEMBE	R 2020 (DETA		Check Date:	09/16/2020
	101-100-232.030	Bartlett, James		<i>58.00</i>
	101-100-232.030	Kitchen, Spencer		53.00
	<i>101-100-232.030</i>	Krueger, Randy		61.00
	<i>101-100-232.030</i>	Melow, Steven		61.00
	101-100-232.030	Nelson, David		<i>58.00</i>
	<i>101-100-232.030</i>	Overaitis, Joseph		<i>58.00</i>
	<i>101-100-232.030</i>	Pumphrey, Z		<i>58.00</i>
	101-100-232.030 101-100-232.030	Scholten, James Thomas, James		58.00 55.00
		Thomas, Junes		
TECHNICAL, PROFESSIONAL AND C			Invoice Amount: Check Date:	\$496.00 09/16/2020
TPOAM UNION DUES - SEPTEMBER	2020 101-100-232.060	BONO, JENNIFER A.	Clieck Date:	15.50
	101-100-232.060	DOOLEY, DEB		15.50 15.50
	101-100-232.060	GORDON, CHERYL		31.00
	101-100-232.060	HAACK, DAVID		31.00
	101-100-232.060	JOWSEY, NANCY		31.00
	101-100-232.060	KLINE, ANNE E.		31.00
	101-100-232.060	LATAWIEC, KELLY		31.00
	101-100-232.060	LECLAIR, DIANE L.		31.00
	101-100-232.060	MACDONALD, KENNETH E.		31.00
	101-100-232.060	MARTIN, CAROL R.		31.00
	101-100-232.060	PALMARCHUK, CHERI		31.00
	101-100-232.060	TRUESDELL, MARY ANN		<i>15.50</i>
	101-100-232.060	VISEL, SARAH J.		31.00
	101-100-232.060	DAN ATKINS		<i>15.50</i>
	101-100-232.060	CAROL MACDONELL		15.50
	101-100-232.060	GLENN MILLER		<i>15.50</i>
	101-100-232.060	DEVOTO, CLAUDIA		15.50
	101-100-232.060	HALSTEAD, ANNA		31.00
	101-100-232.060	TERRELL, DENISA		31.00
	101-100-232,060	RICHARDSON, MIKE		15.50
WESTERN TWNSPS UTILITIES AUT	HORITY		Invoice Amount:	\$132,731.47
			Chack Data	00/16/2020

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Charter Township of Plymouth AP Invoice Listing - Board Report

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VENDOR INFORMATION		INVOICE INFORMATION	DICE INFORMATION	
	592-441-742.000	Monthly Charges	117,742.48	
5.	<i>592-441-743.000</i>	YUCA IPP-IWC	5,284.60	
	592-443-937.000	Country Acres Pump Station	682.08	
	592-100-185.000	Capital Improvement Program	9,022.31	
		Total Amount to be Disbursed:	\$195,000.24	

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ENDOR INFORMATION	- V-1	INVOICE INFORMATION	
BLUE CARE NETWORK OF MICHIGAN	<u></u>	Invoice Amount:	\$6,717.99
SEPTEMBER 2020 BCN CLASSES 9	& 10 - SP	Check Date:	09/09/2020
	101-290-714.500	GENERAL RETTREES HEALTHCARE	<i>4,572.75</i>
	101-305-714.500	POLICE RETIREES HEALTHCARE	609.70
	101-325-714.500	DISPATCH RETIREES HEALTHCARE	609.70
	101-336-714.500	FIRE RETIREES HEALTHCARE	2,482.06
	592-291-714.500	PUBLIC WORKS RETIREES HEALTHCARE	1,219.40
	<i>101-336-714.500</i>	GROTH ADJUSTMENT (DECEASED)	(2,775.62)
BLUE CARE NETWORK OF MICHIGAN		Invoice Amount:	\$115,117.02
SEPTEMBER2020 COVERAGE - CLAS	SFS 7 & 8	Check Date:	09/09/2020
	101-171-714.000	SUPERVISOR'S OFFICE	647.87
	101-201-714,000	IT DEPT.	1,671.51
	101-253-714.000	TREASURER'S DEPT.	1,548.41
	101-305-714,000	POLICE	26,686.07
	101-325-714.000	DISPATCH	11,603.37
	101-336-714.000	FIRE	24,748.68
	101-371-714.000	BUILDING	6,316.74
	592-291-714.000	PUBLIC WORKS (FELLRATH)	2,319.38
	101-305-714.500	POLICE - RETIREES	11,626.86
	101-336-714.500	FIRE - RETIREES	16,469.88
	101-215-714.000	CLERK'S OFFICE	1,295.74
	101-265-714.000	BUILDING & GROUNDS (HAACK)	1,548.41
	592-172-714.000	PUBLIC SERVICES	2,844.15
	226-226-714.000	SOLID WASTE (VISEL)	1,671.51
	592-291-714.500	PUBLIC WORKS RETIREE (WALLACE)	898.52
	588-588-714.000	SENIOR TRANS (BOYCE)	1,671.51
	101-262-714.000	ELECTIONS (TERRELL)	1,548.41
DULLE CROSS (RULLE CUTEL D. OF MICUI	****		
BLUE CKO22/BLUE 2UTELD OL WICUT	GAN	Invoice Amount:	\$4,336.29
		Invoice Amount:	•
	INVOICE, S	Check Date:	09/09/2020
	INVOICE, S 101-290-714.500	Check Date:	09/09/202 0 <i>481.81</i>
	INVOICE, S	Check Date:	09/09/2020
SEPTEMBER 2020 RETIREE - BCBS (INVOICE, S 101-290-714.500 101-305-714.500	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES	481.81 3,372.67
SEPTEMBER 2020 RETIREE - BCBS (INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount:	09/09/2020 481.81 481.81 3,372.67 \$128.40
SEPTEMBER 2020 RETIREE - BCBS (INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES	09/09/2020 481.81 481.81 3,372.67 \$128.40
SEPTEMBER 2020 RETIREE - BCBS (COMCAST COMCAST HIGH SPEED INTERNET - SE	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date:	09/09/2020 481.81 481.83 3,372.67 \$128.40 09/09/2020
SEPTEMBER 2020 RETIREE - BCBS (COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount:	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26
SEPTEMBER 2020 RETIREE - BCBS (COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26
COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date:	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 09/09/2020 6,596.26
COMCAST COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000 GHTS - ACC 101-446-920.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date: AUGUST 2020 MUNICIPAL STREET LIGHTS Invoice Amount:	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 09/09/2020 6,596.26
COMCAST COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000 GHTS - ACC 101-446-920.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date: AUGUST 2020 MUNICIPAL STREET LIGHTS Invoice Amount: Check Date:	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 \$1,015.24 09/09/2020
COMCAST COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000 GHTS - ACC 101-446-920.000 ACCT #1 - 592-172-853.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date: AUGUST 2020 MUNICIPAL STREET LIGHTS Invoice Amount: Check Date: DPW wireless devices	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 09/09/2020 6,596.26 \$1,015.24 09/09/2020 98.67
COMCAST COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000 GHTS - ACC 101-446-920.000 ACCT #1 - 592-172-853.000 101-201-853.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date: AUGUST 2020 MUNICIPAL STREET LIGHTS Invoice Amount: Check Date: DPW wireless devices Info services wireless devices	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 09/09/2020 6,596.26 \$1,015.24 09/09/2020 98.67 59.23
COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000 GHTS - ACC 101-446-920.000 ACCT #1 - 592-172-853.000 101-201-853.000 101-336-853.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date: AUGUST 2020 MUNICIPAL STREET LIGHTS Invoice Amount: Check Date: DPW wireless devices Info services wireless devices Fire wireless devices	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 09/09/2020 6,596.26 \$1,015.24 09/09/2020 98.67 59.23 139.48
COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000 GHTS - ACC 101-446-920.000 ACCT #1 - 592-172-853.000 101-201-853.000 101-336-853.000 101-691-853.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date: AUGUST 2020 MUNICIPAL STREET LIGHTS Invoice Amount: Check Date: DPW wireless devices Info services wireless devices Fire wireless devices Park foreman wireless device	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 09/09/2020 6,596.26 \$1,015.24 09/09/2020 98.67 59.23 139.48 48.62
COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000 GHTS - ACC 101-446-920.000 ACCT #1 - 592-172-853.000 101-201-853.000 101-336-853.000 101-253-853.000 101-253-853.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date: AUGUST 2020 MUNICIPAL STREET LIGHTS Invoice Amount: Check Date: DPW wireless devices Info services wireless devices Fire wireless devices Park foreman wireless device Treasurer Wireless Service	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 09/09/2020 6,596.26 \$1,015.24 09/09/2020 98.67 59.23 139.48 48.62 49.23
COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000 GHTS - ACC 101-446-920.000 ACCT #1 - 592-172-853.000 101-201-853.000 101-336-853.000 101-691-853.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date: AUGUST 2020 MUNICIPAL STREET LIGHTS Invoice Amount: Check Date: DPW wireless devices Info services wireless devices Fire wireless devices Park foreman wireless device	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 09/09/2020 6,596.26 \$1,015.24 09/09/2020 98.67 59.23 139.48 48.62
COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC VERIZON WIRELESS SEPTEMBER 2020 WIRELESS BILLING	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000 GHTS - ACC 101-446-920.000 ACCT #1 - 592-172-853.000 101-201-853.000 101-306-853.000 101-253-853.000 101-305-853.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date: AUGUST 2020 MUNICIPAL STREET LIGHTS Invoice Amount: Check Date: DPW wireless devices Info services wireless devices Fire wireless devices Fire wireless devices Park foreman wireless device Treasurer Wireless Service Police Dept. wireless Service Building Dept. Wireless Services	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 \$1,015.24 09/09/2020 98.67 59.23 139.48 48.62 49.23 381.74 238.27
COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC VERIZON WIRELESS SEPTEMBER 2020 WIRELESS BILLING VERIZON WIRELESS	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000 ACCT #1 - 592-172-853.000 101-201-853.000 101-336-853.000 101-253-853.000 101-371-853.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date: AUGUST 2020 MUNICIPAL STREET LIGHTS Invoice Amount: Check Date: DPW wireless devices Info services wireless devices Fire wireless devices Park foreman wireless device Treasurer Wireless Service Police Dept. wireless service Building Dept. Wireless Services Invoice Amount:	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 \$1,015.24 09/09/2020 98.67 59.23 139.48 48.62 49.23 381.74 238.27 \$1,246.48
BLUE CROSS/BLUE SHIELD OF MICHIC SEPTEMBER 2020 RETIREE - BCBS (COMCAST COMCAST HIGH SPEED INTERNET - SE DTE ENERGY AUGUST 2020 - MUNCIPAL STREET LIC VERIZON WIRELESS SEPTEMBER 2020 WIRELESS BILLING VERIZON WIRELESS AUGUST 2020 - WIRELESS BILLING	INVOICE, S 101-290-714.500 101-305-714.500 101-336-714.500 EPTEMBER 101-290-941.000 ACCT #1 - 592-172-853.000 101-201-853.000 101-336-853.000 101-253-853.000 101-371-853.000	Check Date: GENERAL RETIREES POLICE RETIREES FIRE RETIREES Invoice Amount: Check Date: COMCAST HIGH SPEED INTERNET - SEPTEMBE Invoice Amount: Check Date: AUGUST 2020 MUNICIPAL STREET LIGHTS Invoice Amount: Check Date: DPW wireless devices Info services wireless devices Fire wireless devices Fire wireless devices Park foreman wireless device Treasurer Wireless Service Police Dept. wireless Service Building Dept. Wireless Services	09/09/2020 481.81 481.81 3,372.67 \$128.40 09/09/2020 128.40 \$6,596.26 \$1,015.24 09/09/2020 98.67 59.23 139.48 48.62 49.23 381.74

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VENDOR INFORMATION	INVOICE INFORMATION	
101-336-853.00	00 Fire wireless devices	200.05
101-691-853.00	00 Park foreman wireless device iPad	40.01
<i>588-588-853.00</i>	00 Friendship Station	84.24
101-325-853.00	00 Dispatch	100.43
226-226-853.00	00 Solid Waste - Sarah Visel	49.97
805-805-970.00	95 Sidewalk Inspec. I-Pad	38.01
WOW! BUSINESS	Invoice Amount:	\$11.41
POLICE DEPT. SERVICE CHGS - SEPTEMBER 2020	Check Date:	09/09/2020
101-305-921.00	00 POLICE DEPT. SEPTEMBER 2020	11.41
	Total Amount to be Disbursed:	\$135,169.09

Charter Township of Plymouth AP Invoice Listing - Board Report

Refund 96/86/201/1

VENDOR INFORMATION

INVOICE INFORMATION

HEMMING, POLACZYK, CRONIN, SMITH,

BD Bond Refund

Invoice Amount:

Check Date:

\$1,050.00 09/13/2020

1,050.00

BPZ18-0011

101-371-283.014

\$1,050.00

Total Amount to be Disbursed:

P. Bord Pag 8 9 20

VENDOR INFORMATION		INVOICE INFORMATION	
35TH DISTRICT COURT		Invoice Amount:	\$3,353.00
BOND RECEIPT 09-01-2020		Check Date:	09/07/2020
2010 1.202. 1 00 02 2020	702-100-087.000	BOND RECEIPT NUMBER 8201	1,500.00
	702-100-087.000	BOND RECEIPT NUMBER 8202	500.00
	702-100-087.000	BOND RECEIPT NUMBER 8203	500.00
	702-100 - 087.000	BOND RECEIPT NUMBER 8204	853.00
	,	Total Amount to be Disbursed:	\$3,353.00



MEETING DATE: September 22, 2020

ITEM: Freedom of Information Act Appeal from Nancy Conzelman

PRESENTERS: Supervisor Heise, Township Attorney Bennett

BACKGROUND: The Township received a FOIA Appeal sent via email to Clerk Vorva and Attorney Bennett from Township resident Nancy Conzelman which was acknowledged by the Board of Trustees on September 8. The Board has 10 business days to either grant the request, deny the request, or grant it in part and deny it in part. The proposed motion below allows the Board to choose its preferred course of action.

received by t	he Board of	Trustees on S	eptember 8		eal of Nancy Con	zelman
Moved By _			_Seconded	Ву		
ROLL CALL:						
Vorva	_ Curmi,	Clinton,H	eitman,	Doroshewitz,	Dempsey, _	Heise

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CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 22, 2020

ITEM: Special Assessment District (SAD) for Woodbrook Subdivision

PRESENTER: Patrick J. Fellrath, P.E., Director of Public Services

George Tsakoff, P.E., OHM Advisors

BACKGROUND:

The Clerk validated signatures on the Preliminary Petition received for a proposed Special Assessment District (SAD) for public road improvements in Woodbrook Subdivision. The submitted petition demonstrates adequate support from property owners to allow the Board to authorize preliminary engineering.

Per the Township's SAD Policy for road improvements, the purpose of the Preliminary Petition is to determine if adequate support exists for the Township to conduct preliminary engineering only. Adequate support exists if validated signatures represent:

- 51% or greater of the total frontage of the road within the SAD; and
- 51% or greater of the total units within the SAD.

The petition subject to tonight's Board meeting demonstrates adequate support as described above.

ACTION REQUESTED: To authorize OHM Advisors, Township's consulting engineers for road projects, to conduct preliminary engineering for the proposed SAD project.

BUDGET/ACCOUNT NUMBER: Not to Exceed \$14,200/General Fund 805-805-970.410

MODEL RESOLUTION: I move to authorize the engineering firm OHM Advisors to perform Preliminary Engineering per the Township's SAD Policy for Road Improvements for the proposed Woodbrook Subdivision SAD Road Improvement Project, as submitted and described on the received petition for a cost not to exceed Fourteen Thousand Two Hundred Dollars (\$14,200.00).

Attachments:

- 1. Tentative Roll Woodbrook SAD
- 2. SAD Figure Woodbrook SAD
- 3. OHM Cost Prelim. Eng. Proposal Woodbrook SAD

STATE OF MICHIGAN COUNTY OF WAYNE CHARTER TOWNSHIP OF PLYMOUTH

RESOLUTION AUTHORIZING A SPECIAL ASSESSMENT DISTRICT (SAD) FOR WOODBROOK SUBDIVISION

RESOLUTION #2020-09-22-90

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the 'board'), held at Township Hall, 9955 N. Haggerty Road, Plymouth, MI on September 22, 2020, the following resolution was offered:

WHEREAS, the clerk validated the signatures on the preliminary petition received for a proposed Special Assessment District (SAD) for public road improvements in Woodbrook Subdivision, and;

WHEREAS, the submitted petition demonstrates adequate support from property owners within the proposed district to allow the board to authorize preliminary engineering, and;

WHEREAS, as described in the township's adopted policy for conducting a SAD for road improvements, the purpose of the preliminary petition is to determine if adequate support exists for the township to conduct preliminary engineering only, and;

WHEREAS, adequate support exists if validated signatures represent:

• 51% or greater of the total frontage of the road within the SAD; and 51% or greater of the total units within the SAD

WHEREAS, the petition subject to tonight's board meeting demonstrates adequate support as described above, and;

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2020-09-22-90** authorizing the engineering firm OHM Advisors to perform preliminary engineering per the Township's SAD Policy for Road Improvements for the proposed Woodbrook Subdivision SAD Road Improvement Project, as submitted and described on the received petition for a price not to exceed Fourteen Thousand Two Hundred Dollars (\$14,200.00).

Moved by:		Se	conded by: _			
ROLL CALL:						
Dempsey,	Doroshewitz,	Heise,	Heitman,	Vorva,	Clinton,	Curmi

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SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL WOODBROOK S.A.D. WOODBROOK SUBDIVISION

Assumptions:

1) Frontage is defined by lots abutting Brookside Drive, Brookwood Drive, Jo Ann Lane, Chamwood Drive, Chamwood Court, and Beech Drive

Tax ID Number	Öwner	LOT#	FRONTAGE	_	SIGNED	~	UNITS SIGNED	ADDRESS
R-78-057-02-0001-000	BRANDT, LINDA KAY	1	77.42	Ft.	- "-	FL	1	44614 CHARNWOOD C
R-78-057-02-0002-000	LEATHERS, JOYCE	2	62.04	FL		Ft.	1	44630 CHARNWOOD D
R-78-057-02-0003-000	SKEPPSTROM, CURTIS N	3	81.19	Ft.	-	凡	1	44646 CHARNWOOD C
R-78-057-02-0004-000	HOHENSHIL, JAY N	4	118.90	EL		Ft.	1	44598 CHARNWOOD C
R-78-057-02-0005-000	LAMB, RODNEY RUMMEL DAVID (TRUST)	5 6	90.14	Ft.		FL	1	44410 BEECH ST
R-78-057-02-0006-000	ROMMEL DAVID (TRUST)	В	90.14	FT		FY		AAA26 BEECH ST
R-78-657-02-0010-000	CONTE: MICHAELIGAT.	10	70.44	Pr.		FE.		44694 CHARWWOOD D
R-78-067-02-0011-000	CAROTHERS, KRIS(ALISON	11	86.20	m	- Ni	n		44710 CHARNWOOD D
R-78-057-02-0013-000	KARBY, ROBERT	13	88.53	FIL		m		44742 CHARWWOOD D
R-78-057-02-0014-000	SUTHERLAND, DAVID/NANCY	14	87.12 70.12	F)	n's	FL		44758 CHARNWOOD D
R-76-657-02-0017-000 R-78-057-02-0018-000	GORDON, GREGORY J. SARDNER, SCOTTICARLA	17	46.20	白斑	- Aliff	E.		10893 BROOKWOOD G 10875 BROOKWOOD D
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R-78-057-02-0028-000	VERBRUGGEN, C. & FORTIN, J.	22	247.53	FI	-620	Fi.		44789 CHARWOOD D
R-78-057-02-0023-000	MUBBELL BRIAN J	23	301.17	Ft	9.0	B		44731 CHARWWOOD D
R-78-057-02-0024-000	KISABETH, KENWETH B	2.6	110.34	A		Ft.	1	44715 CHARWOOD D
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R-76-867-02-0028-002	KINDREE JACK	29	128.99	B	Mark.	A	1.	44547 CHARWWOOD D
R-76-057-02-0029-002	DOWNS, MARISAICHAD	29	116.00	FI.	-in	PI.	1	44515 CHARWWOOD D
R-78-057-02-0032-000	HARSAR THADDEUS	52	53.77	R		3		44483 CHARNWOOD D
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SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL WOODBROOK S.A.D. WOODBROOK SUBDIVISION

Assumptions

1) Frontage is defined by lots abutting Brookeide Drive, Brookwood Drive, Jo Ann Lane, Charmwood Drive, Charmwood Court, and Beech Drive

Tax ID Number	Owner	LOT#	FRONTAGE	SIGNED	П	UNITS	SIGNED	ADDRESS
R-78-057-03-0090-000	PRICE JR, JOHN J	90	122.78 Ft.	-	FŁ	1		44407 BROOKSIDE DR
2020	7 1/2	TOTAL	10,144.67 Ft.	5,313.7	1 Ft	89.00	46	

Note: Green shading indicates that the petition has been signed by record owner(s).

I. PERCENTAGE BASED ON FRONTAGE (50% = 5,073 Ft.)		
SIGNED PETITION	5,313.71 =	52.4%
TOTAL FRONTAGE	10,144.67	
II. PERCENTAGE BASED ON UNITS (50% = 45 UNITS)		
SIGNED PETITION	46.00 =	51.7%
TOTAL UNITS	89.00	

Updated September 16, 2020

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ARCHITECTS. ENGINEERS. PLANNERS.

September 16, 2020

Charter Township of Plymouth Department of Public Services 9955 N. Haggerty Road Plymouth, MI 48170

Attn: Patrick Fellrath, PE, Director of Public Services

RE: Proposal for Preliminary Engineering Services

Woodbrook Subdivision Special Assessment District

Dear Mr. Fellrath,

In response to the Township's commitment and desire to assist communities with improvement of local subdivision roads under Wayne County public road jurisdiction, OHM Advisors (OHM) is pleased to submit this proposal to assist the Township with a potential Special Assessment District (SAD). Based on the initial public informational meeting held with Woodbrook Subdivision residents on January 16, 2020, the residents circulated a petition and have obtained the necessary support to continue with the SAD process. The next step would be for the Board of Trustees to authorize and fund the preliminary engineering for the SAD project site, if they agree to proceed.

Our letter proposal for professional services contains several sections that outline our strategy to accomplish these project objectives. These sections include our Project Understanding, Scope of Services, Fee, and Schedule for the anticipated preliminary engineering on the local public roads. We understand the desire to provide this preliminary engineering effort to present an accurate project cost estimate to the resident with a proposed fix to the roads. Our project-team will be led by George Tsakoff, PE with very capable support staff who are very familiar with Wayne County standards requirements and specifications. We will coordinate with G2 Consulting Group for geotechnical services, to be contracted through OHM as part of this proposal.

PROJECT UNDERSTANDING

Woodbrook Subdivision Roads

We understand that the existing asphalt roadways will either be rehabilitated or replaced with new asphalt pavement. Concrete curb and gutter that is in good condition may be retained, but areas of curb and gutter in poor condition would be recommended for replacement. Options for rehabilitation of roadways may include milling a certain depth of existing asphalt and replacing with an overlay of new hot mix asphalt (HMA). This would be dependent on the depth of the existing asphalt which is to be determined in near future. Potential reconstruction of the road cross section provides an opportunity to provide a new cross section meeting current design standards for a longer-term repair, while addressing minor drainage concerns along the roadways as required. Typically, sub-grade underdrain can also be added to the design during a full road reconstruction. If not already ADA-compliant, sidewalk ramps directly adjacent to curb and gutter replacement would be recommended to be upgraded.

We also believe it will be important to rely on engineering services related to the geotechnical investigation and field reconnaissance during preliminary engineering to evaluate existing site constraints and subgrade conditions. From this information, we will develop a suitable and efficient proposed road rehabilitation or replacement methodology, while incorporating other aspects necessary for a comprehensive preliminary engineering effort.

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Patrick Fellrath, P.E. September 16, 2020 Woodbrook SAD page 2 of 4



The following items further outline OHM's understanding of the road improvement project that would be evaluated further during a preliminary engineering phase:

- Propose a pavement cross section methodology/design for rehabilitation, partial reconstruction, and/or complete reconstruction of the roadway.
- Provide concrete curb and gutter replacement throughout the project as required for structurally deficient locations. If feasible, retain segments of existing curb and gutter that are in good condition.
- If not already ADA-compliant, replace sidewalk ramps at internal public road intersections that are not currently compliant, if road replacement is to occur directly in front of the ramp.
- Evaluate methodology for Maintaining Traffic and construction staging during the work. Maintaining access
 to residential dwellings and maintaining access for emergency services will be a primary concern.
- Coordinate with the geotechnical consultant hired by OHM to assist with the evaluation. Incorporate their recommendations in the preliminary engineering effort and include their report in the submittal.
- Perform targeted topographical survey along the project limits if needed to evaluate road drainage concerns.
 Full topographic survey of the roadway corridor (ROW to ROW) is not part of this phase of work. Full survey is typically done during the final design phase of the roadway project, if determined to be necessary at that stage.
- Coordinate with utility owners, including gathering information and identifying potential conflicts.

SCOPE OF SERVICES

The following is a brief summary of necessary work tasks and sub-tasks to be provided as part of this project for each of the main phases of work.

Task 1 - Soil Borings, Geotechnical Evaluation, and Field Reconnaissance

- Provide field reconnaissance of all project areas to evaluate the site conditions for information that will be beneficial during the preliminary engineering stage and a potential future design.
- Provide targeted topographic survey where necessary to confirm the need for drainage improvements, such
 as re-grading along the curb grade or additional drainage structures.
- Using a Miss Dig design ticket, contact known utility owners to obtain drawings of their existing facilities within the project area.
- Coordinate with our contracted geotechnical consultant for soil boring and pavement coring needs.
- Provide a geotechnical report with recommendations related to road rehabilitation or replacement, as well
 as summarizing existing thickness of asphalt and subgrade conditions.

Task 2 - Analysis, Recommendations, and Cost Estimate

 Determine the selected pavement remediation methodology for rehabilitation or full replacement of road cross section with HMA. 78 of 258 78 of 258

Patrick Fellrath, P.F. September 16, 2020 Woodbrook SAD page 3 of 4



- Determine the required cross section based on methodologies to remediate the roadways. This could
 involve HMA patch areas with crack sealing, milling pavement surface with HMA overlay, or full road cross
 section replacement. The final recommendations could also entail a combination of these methods.
- Evaluate existing concrete curb and gutter for replacement, either in targeted locations or more extensive lengths.
- Set up a meeting with Wayne County Permits Division to review the proposed roadway rehabilitation or replacement methodologies to gain their concurrence for a future permit application (during a future final design phase of the project).
- Finalize a listing of preliminary work items along with quantities for each item of work, based on the proposed methodologies.
- Provide an Opinion of Construction Cost based on quantities and work items. Also provide remaining project costs to complete the entire project.
- Provide a Total Project Cost Estimate along with estimated Per Benefit Cost to residents.
- Attend a meeting with Township DPS staff to review the proposed project based on findings from this stage of work.
- Prepare drawings or figures necessary to provide a comprehensive overview of the preliminary engineering phase of work.

Task 3 - Public Informational Meeting No. 2

- Finalize necessary preliminary drawings or figures to present at a meeting to residents.
- Finalize cost estimate for presentation to residents
- Prepare Power-point presentation for meeting with residents
- Coordinate with Township DPS to schedule a Public Informational Meeting No. 2 with residents
- Provide a presentation to residents of the SAD from the preliminary engineering stage of work.

Assumptions

- We assume that the Township would provide existing record drawings of roads and utilities that may exist
 for the site.
- We assume that Wayne County would not require permit fees to OHM or G2 to perform soil borings along the roads in the subdivision.
- We assume that no water main or sanitary sewer evaluation/analysis is included in this proposal. Other
 than adjustment or rehabilitation of drainage structures in the roadway, no other municipal utility work is
 anticipated for this project.

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Storm sewer pipe replacement evaluation/design is not included in this proposal. Only evaluation of
drainage structures for structural integrity will be performed during the field reconnaissance, consistent with
past projects.

- New pedestrian facilities are not included in this proposal. Other than ADA sidewalk ramp upgrades
 described above, no other sidewalk or shared use paths are proposed on this site.
- Open drains/creeks that do not impact the road pavement rehabilitation are not to be addressed as part of
 this project. Any open drain/creek issues in rear or side yard areas of the subdivision would need to be
 handled separately from this SAD project.

FEE & SCHEDULE

Engineering services will be performed for a fixed fee (lump sum) of \$14,200, as outlined below for specific major tasks of work. OHM will invoice the Township on a monthly basis. Our outline of fees is as follows:

	TOTAL =	\$14,200
•	Task 3 – Preparation & Presentation at Informational Meeting No. 2 =	\$ 1,000
•	Task 2 – Analysis, Recommendations, Figures and Cost Estimate =	\$ 6,800
•	Task 1 - Soil Borings, Geotechnical Report, and Field Reconnaissance =	\$ 6,400

We will begin the work outlined in this proposal in late September 2020. The following approximate milestone dates for completion of each phase of work are proposed:

•	10/23/2020	Obtain pavement cores and soil borings along the roadways
•	11/17/2020	Complete geotechnical report and recommendations
•	11/30/2020	Provide field reconnaissance of site to evaluate surface pavement/drainage conditions
•	12/15/2020	Analyze findings from field evaluation and from geotechnical report
•	12/22/2020	Determine recommended pavement rehabilitation and/or replacement methods
•	12/22/2020	Determine recommended pavement cross section if needed for replacement areas
•	01/15/2021	Zoom meeting with Wayne County Permits Division
•	01/22/2021	Determine estimated quantities for major items of work and cost estimate
•	02/10/2021	Complete Opinion of Preliminary Construction and Project Costs
	02/18/2021	Public Informational Meeting No. 2

If you find this proposal acceptable, please provide us authorization to proceed. Should you have any questions related to this proposal, please do not hesitate to contact me at 734-466-4439. We thank you for this opportunity to continue to provide professional engineering services to Plymouth Township.

Sincerely, OHM Advisors

Divinity almost by George Testalt Ohi: Ohio. Ohi

George Tsakoff, PE Principal

cc: file

attachment: OHM Terms & Conditions

STANDARD TERMS and CONDITIONS

- 1. THE AGREEMENT These Standard Terms and Conditions and the attached Proposal or Scope of Services, upon their acceptance by the Owner, shall constitute the entire Agreement between Orchard, Hiltz & McCliment, Inc. (OHM ADVISORS), a registered Michigan Corporation, and the Owner. The Agreement shall supersede all prior negotiations or agreements, whether written or oral, with respect to the subject matter herein. The Agreement may be amended only by mutual agreement between OHM ADVISORS and the Owner and said amendments must be in written form.
- 2. <u>SERVICES TO BE PROVIDED</u> OHM ADVISORS will perform the services as set forth in the attached proposal or scope of services which is hereby made a part of the Agreement.
- 3. <u>SERVICES TO BE PROVIDED BY OWNER</u> The Owner shall at no cost to OHM ADVISORS:
 - a) Provide OHM ADVISORS personnel with access to the work site to allow timely performance of the work required under this Agreement.
 - b) Provide to OHM ADVISORS within a reasonable time frame, any and all data and information in the Owners possession as may be required by OHM ADVISORS to perform the services under this Agreement.
 - c) Designate a person to act as Owners representative who shall have the authority to transmit instructions, receive information, and define Owner policies and decisions as they relate to services under this Agreement.
- 4. PERIOD OF SERVICE The services called for in this Agreement shall be completed within the time frame stipulated in the Proposal or Scope of Services, or if not stipulated shall be completed within a time frame which may reasonably be required for completion of the work. OHM ADVISORS shall not be liable for any loss or damage due to failure or delay in rendering any service called for under this agreement resulting from any cause beyond OHM ADVISORS reasonable control.
- 5. <u>COMPENSATION</u> The Owner shall pay OHM ADVISORS for services performed in accordance

- with the method of payment as stated in the Proposal or Scope of Services. Method of compensation may be lump sum, hourly; based on a rate schedule, percentage of the construction cost, or cost plus a fixed fee. The Owner shall pay OHM ADVISORS for reimbursable expenses for subconsultant services, equipment rental or other special project related items at a rate of 1.15 times the invoice amount.
- 6. TERMS OF PAYMENT Invoices shall be submitted to the Owner not more often than monthly for services performed during the preceding period. Owner shall pay the full amount of the invoice within thirty days of the invoice date. If payment is not made within thirty days, the amount due to OHM ADVISORS shall include a charge at the rate of one percent per month from said thirtieth day.
- 7. LIMIT OF LIABILITY OHM ADVISORS shall perform professional services under this Agreement in a manner consistent with the degree of care and skill in accordance with applicable professional standards of services of this type of work. To the fullest extent permitted by law, and not withstanding any other provision of this Agreement, the total liability in the aggregate, of OHM ADVISORS and its Officers, Directors, Partners, employees, agents, and subconsultants, and any of them, to the Owner and anyone claiming by, through or under the Owner, for any and all claims, losses, costs or damages of any nature whatsoever arises out of, resulting from or in any way related to the project or the Agreement from any cause or causes. including but not limited to the negligence, professional errors or omissions, strict liability, breach of contract or warranty, express or implied, of OHM ADVISORS or OHM ADVISORS' Officers, Directors, employees, agents or subconsultants, or any of them shall not exceed the amount of \$25,000 or OHM ADVISORS fee, whichever is greater.
- 8. <u>ASSIGNMENT</u> Neither party to this Agreement shall transfer, sublet, or assign any duties, rights under or interest in this Agreement without the prior written consent of the other party.

- 9. NO WAIVER Failure of either party to enforce, at anytime, the provisions of this Agreement shall not constitute a waiver of such provisions or the right of either party at any time to avail themselves of such remedies as either may have for any breach or breaches of such provisions.
- 10. <u>GOVERNING LAW The</u> laws of the State of Michigan will govern the validity of this Agreement, its interpretation and performance.
- 11. DOCUMENTS OF SERVICE The Owner acknowledge OHM ADVISORS' reports, plans and construction documents as instruments of professional services. Nevertheless, the plans and specifications prepared under this Agreement shall become the property of the Owner upon completion of the work and payment in full of all monies due OHM ADVISORS, however, OHM ADVISORS shall have the unlimited right to use such drawings, specifications and reports and the intellectual property therein. The Owner shall not reuse or make any modifications to the plans and specifications without prior written authorization by OHM ADVISORS. In accepting and utilizing any drawings or other data on any electronic media provided by OHM ADVISORS, the Owner agrees that they will perform acceptance tests or procedures on the data within 30 days of receipt of the file. Any defects the Owner discovers during this period will be reported to OHM ADVISORS and will be corrected as part of OHM ADVISORS' basic Scope of Services.
- 12. <u>TERMINATION</u> Either party may at any time terminate this Agreement upon giving the other party 7 calendar days prior written notice. The Owner shall within 45 days of termination, pay OHM ADVISORS for all services rendered and all costs incurred up to the date of termination in accordance with compensation provisions in this Agreement.
- 13. OHM ADVISORS' RIGHT TO SUSPEND ITS SERVICES In the event that the Owner fails to pay OHM ADVISORS the amount shown on any invoice within 60 days of the date of the invoice, OHM ADVISORS may, after giving 7 days notice

- to the Owner, suspend its services until payment in full for all services and expenses is received.
- 14. <u>OPINIONS OF PROBABLE COST OHM</u>
 ADVISORS preparation of Opinions of Probable
 Cost represent OHM ADVISORS' best judgment
 as a design professional familiar with the industry.
 The Owner must recognize that OHM ADVISORS
 has no control over costs or the prices of labor,
 equipment or materials, or over the contractor's
 method of pricing. OHM ADVISORS makes no
 warranty, expressed or implied, as to the
 accuracy of such opinions as compared to bid or
 actual cost.
- 15. JOB SITE SAFETY Neither the professional activities of OHM ADVISORS, nor the presence of OHM ADVISORS or our employees and subconsultants at a construction site shall relieve the General Contractor or any other entity of their obligations, duties, and responsibilities including. but not limited to, construction means, methods, sequences, techniques or procedures necessary for performing, superintending or coordinating all portions of the work of construction in accordance with the contract documents and the health or safety precautions required by any regulatory agency. OHM ADVISORS has no authority to exercise any control over any construction contractor or any other entity or their employees in connection with their work or any health or safety precautions. The Owner agrees that the General Contractor is solely responsible for jobsite safety, and warrants that this intent shall be made clear in the Owners agreement with the General Contractor. The Owner also agrees that OHM ADVISORS shall be indemnified and shall be made additional insureds under the General Contractors general liability insurance policy.
- 16. <u>DISPUTE RESOLUTION</u> In an effort to resolve any conflicts that arise during the design or construction of the project or following the completion of the project, the Owner and OHM ADVISORS agree that all disputes between them arising out of or relating to this Agreement shall be submitted to nonbinding mediation, unless the parties mutually agree otherwise.

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CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE:

September 22, 2020

<u>ITEM</u>: Second Reading of Ordinance No. 1016, Amendment 26, regarding penalties for violation of Township Demolition Regulations under the State Building Code

PRESENTERS:

Kevin Bennett, Township Attorney Jack Dempsey, Township Trustee

BACKGROUND:

During the past several years, there have been instances of demolition of structures within the Township without a permit or other permission granted by the Township. The failure to obtain a demolition permit may have significant consequences for the community. Public health and safety may be put at risk, since a permit provides notice to the Township of such necessary attendant actions as appropriate disconnection of utilities, removal of hazardous substances in compliance with all regulatory requirements, and care for, e.g., septic field abatement.

It is thus obvious that sufficient incentive to obtain a permit for a demolition is lacking. The Building Code refers to Act 230 of 1972 for the ability to impose sanctions, which in turn refers to the Township fee schedule – which does not contain a penalty provision for work without permits. Therefore, currently, the Township has no authority to actually charge a penalty or fee in this situation.

Moreover, the obligation should on the person or entity seeking to demolish a structure to obtain pre-approval to do so. It should not be up to the Township with its limited resources to chase down compliance.

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Additionally, it is not fair to those who comply with Township permitting requirements to disregard the misbehavior of those who do not comply. In commercial situations, Township inaction can have the effect of fostering a competitive advantage to those who fail to seek requisite permits. Neither of these outcomes is not in the public interest.

The remedy to prevent recurrence of such dangerous and unsafe practices is to increase incentives for compliance. This is most effectively accomplished by imposing civil penalties in the form of financial remedies on behalf of the Township – rather than criminalizing the misbehavior, an option that is available but not preferred because it is in the public interest to make such a violation of the Michigan Building Code a municipal civil infraction in Plymouth Township for the reasons that follow:

- Relative ease of charging a violation. In this sense, an "authorized person" (Building Department representative) has the same power to issue a municipal civil infraction citation as a peace officer has to issue a misdemeanor citation or traffic civil infraction citation. In addition, an authorized person may issue a municipal civil infraction citation based upon a personal investigation if she/he has reasonable cause to believe the person is responsible for a municipal civil infraction.
- A person charged with a municipal civil infraction is entitled to an informal hearing (without attorneys) or a formal hearing (with attorneys). MCL 600.8715-.8721.
- The burden of proof for a municipal civil infraction is a preponderance of the evidence. MCL 600.8719(4).
- If a municipal civil infraction defendant fails to appear for a hearing, the municipality is entitled to a default judgment, see MCL 600.8723.
- If a municipal civil infraction defendant defaults in the payment of the civil fine, the court, upon its own motion or upon the motion of the municipality, may require the defendant to show cause why the defendant should not be held in civil contempt of court, and issue a summons or a bench warrant to arrest for the defendant's appearance. See MCL 600.8729. Accordingly, although a person who has violated a municipal civil infraction is not subject to imprisonment for the violation itself, she/he is subject to imprisonment for failure to comply with the civil judgment. Costs incurred in compelling the appearance of the defendant may be assessed in addition to any fines and costs assessed for the underlying violation, and such costs are returned to the general fund of the municipality. See MCL 600.8735.
- Fines, costs, damages, and expenses for municipal civil infraction violations are subject to collection in the same manner as a civil judgment. See MCL 600.8727(7).
- If the municipal civil infraction involves the use or occupation of land or a building or other structure, the defendant's failure to pay the civil fine or costs allows the municipality to record the civil judgment, which constitutes a lien on the property for the amount of the judgment. See MCL 600.8731.

• In a municipal civil infraction action, the district court has equitable jurisdiction to enforce any judgment, writ, or order necessary to enforce the ordinance. See MCL 600.8302(4); MCL 600.8727(5). Accordingly, the district court has the power not only to assess fines and costs for the violation, it may have the power to declare a violation a nuisance and to order its alleviation or abatement.

The extent of a civil fine for a violation of a municipal civil infraction does not appear to be limited. The \$500.00 limit on fines for misdemeanors does not apply to municipal civil infractions. See MCL 42.21(5). Thus, a municipality may adopt significant civil fines as a deterrent for offenses that may have significant consequences for the community. <u>City of Livonia v. Goretski Constr Co.</u> 229 Mich App 279, 581 NW2d 761 (1998).

PROPOSED MOTION: I move to approve the second reading of Ordinance No. 1016, Amendment 26.				
Moved By:	Seconded By:			
ROLL CALL:				
Heise Heitman Vorva _	Clinton Curmi Dempsey Doroshewitz			

STATE OF MICHIGAN COUNTY OF WAYNE CHARTER TOWNSHIP OF PLYMOUTH

RESOLUTION FOR SECOND READING OF ORDINANCE

RESOLUTION NUMBER 2020-09-22-91

At a regular meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall located at 9955 N. Haggerty Road, Plymouth, Michigan on September 22, 2020 at 7:00 p.m., the following resolution was offered:

WHEREAS, MCL 42.15 provides that a charter township may enact such ordinances as may be deemed necessary to provide for the public peace and health and for the safety of persons and property therein; and,

WHEREAS, the Board of Trustees of the Charter Township of Plymouth has determined that the public health, safety and general welfare is best served by adopting the State Construction Code Supplementation Ordinance; and,

WHEREAS, Section 23, MCL 125.1523, of the State Construction Code Act provides that only "knowing" violations of the Act are punishable as crimes; and

WHEREAS, Section 23(3) of the Act, MCL 125.1523(3), provides that a municipality may make a violation of the Act or the Code a municipal civil infraction; and,

WHEREAS, Section 21(3) of the Charter Township Act, MCL 42.21(3) provides that a charter township may adopt an ordinance that designates a violation thereof as a municipal civil infraction punishable by the payment of a civil fine; and

WHEREAS, Section 20 of the Charter Township Act provides that an ordinance shall not be finally passed by the township board at the same meeting at which it is introduced, meaning that enacting an ordinance requires readings at two different Board meetings;

NOW, THEREFORE, BE IT RESOLVED THAT the Charter Township of Plymouth Board of Trustees does the second reading of Ordinance No. 1016, Amendment 26.

Present:	[Curmi, Clinton, Dempsey, Doroshewitz, Heise, Heitman, Vorva]
Moved by:	
Supported by:	

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	Roll Call Vote			
Ayes:				
Nays:				
Adopted:	Regular Meeting of the Bo	ard of Trustees on		
	Jerry Vorva	, Clerk, Charter Township of Plymouth		
	0			
	Certifi	cation		
STATE OF MICHIGAN	1			
)			
COUNTY OF WAYNE)			
I hereby certify that the	he foregoing is a true copy o	of the above Resolution, the original of which is on		
file in my office.				
Jerry Vorva, Clerk		Date		
Charter Township of I	Plymouth			

Resolution: 2020-09-22-91

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STATE OF MICHIGAN COUNTY OF WAYNE CHARTER TOWNSHIP OF PLYMOUTH

STATE CONSTRUCTION CODE SUPPLEMENTATION ORDINANCE ORDINANCE NO. 1016, AMENDMENT 26

AN ORDINANCE TO SUPPLEMENT THE TOWNSHIP'S ADOPTION OF THE STATE CONSTRUCTION CODE;; TO PROVIDE PENALTIES FOR VIOLATION OF THIS ORDINANCE; TO REPEAL ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT THEREWITH; TO PROVIDE FOR SEVERABILITY; TO PROVIDE FOR SAVINGS CLAUSE; TO PROVIDE FOR PUBLICATION; AND TO PROVIDE AN EFFECTIVE DATE.

THE CHARTER TOWNSHIP OF PLYMOUTH ORDAINS:

Ordinance No. 1016, Amendment 26, the State Construction Code Supplementation Ordinance, is hereby adopted to read as follows:

SECTION I: SUPPLEMENT TO STATE CONSTRUCTION CODE

Chapter XII, Article 5 of the Charter Township of Plymouth Code of Ordinances is amended as follows:

XII-5.00 through XII-5.05: Unchanged.

XII-5.06 is amended to read as follows:

Unless otherwise provided, any person, corporation, partnership or any other legal entity who violates the provisions of this ordinance adopting the State Construction Code shall be guilty of a misdemeanor and may be fined not more than \$500 or imprisoned for not more than 90 days, or both, at the discretion of the court.

XII-5.07 is hereby added to read as follows:

Municipal Civil Infraction and Penalty

It is unlawful for any person, firm, or corporation to, without intent or knowledge, violate a provision of the State Construction Code, or to without intent or knowledge fail to conform with any of the requirements thereof, or to without intent or knowledge erect, construct, alter, extend, repair, move, remove, demolish, or occupy any building, structure, or equipment regulated by the code, or without intent or knowledge cause work to be performed or done, in conflict with or in violation of the approved construction documents or directive of the enforcing agency, or a permit or certificate issued under the code. A violation of this ordinance shall be a municipal civil infraction and the violator shall be assessed a fine as follows:

- A) For violations in a residentially-zoned district, the fine shall be \$1,000.00 for the first offense, \$5,000.00 for the second offense and \$10,000.00 for each subsequent offense plus court costs.
- B) For violations in a non-residentially-zoned district, the fine shall be \$5,000.00 for the first offense, \$15,000.00 for the second offense and \$25,000.00 for each subsequent offense plus court costs.
- C) The district court may exercise its equitable jurisdiction to enforce any judgment, writ, or order necessary to enforce the ordinance pursuant to MCL 600.8302(4); MCL 600.8727(5).

SECTION II. REPEAL.

All Ordinances or parts of Ordinances in conflict with the provisions of this Ordinance, except as herein provided, are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

SECTION III. SEVERABILITY.

If any section, subsection, clause, phrase or portion of this Ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portion thereof.

SECTION V. SAVINGS CLAUSE.

The repeal or amendment herein shall not abrogate or affect any offense or act committed or done, or any penalty or forfeiture incurred, or any pending litigation or prosecution of any right established or occurring prior to the effective date of this Ordinance.

SECTION VI. PUBLICATION.

The Clerk for the Charter Township of Plymouth shall cause this Ordinance to be published in the manner required by law.

SECTION VII. EFFECTIVE DATE.

This Ordinance shall take full force and effect upon publication.

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CERTIFICATION

The foregoing Ordinance was duly adopted Trustees at its regular meeting called and held on the was ordered to be given publication in the manner of the man	ne day of	•
	Jетту Vorva, Clerk	
Introduced:		
Published:		
Adopted:		
Effective upon Publication:		



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 22, 2020

ITEM: Repeal of DWSD Rules and Adoption by Reference of GLWA IPP Rules

PRESENTER: Kevin Bennett, Attorney

BACKGROUND: The Great Lakes Water Authority (GLWA) has assumed the rights and obligations of the Township's contract with the Detroit Water and Sewer Department (DWSD) to provide sanitary sewer disposal and treatment. GLWA has promulgated Industrial Pretreatment Program (IPP) rules and regulations to enable GLWA to comply with all applicable state and federal laws required by the Federal Water Pollution Control Act, being 33 U.S.C. 1251, et. seq.; the General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR 403); and the National Categorical Pretreatment Standards at 40 CFR 405 – 471. On July 28, 2020, the Board approved Resolution #2020-07-28-72 adopting GLWA's IPP rules for purposes of certain areas within the Township.

Currently, Article 3, Section II of the Water and Sewer Ordinance, subsections X-3.25 through X-3.37 and Appendix A-C, inclusive, contain the rules and regulations regarding such disposal and treatment. The DWSD rules and regulations are in the form of an ordinance. Resolution #2020-07-28-72 did not repeal the DWSD rule and regulations; only another ordinance can repeal an existing ordinance. The proposed ordinance would both repeal the DWSD rules and replace such rules with the GLWA IPP rules. The Board may adopt the GLWA IPP rules by reference into Article 3, Section II of the Water and Sewer Ordinance.

Please note that the GLWA IPP rules and regulations must be published along with the amendment to the Water and Sewer Ordinance.

PROPOSED RESOLUTION: I move that the Board adopt Resolution 2020-09-22-92. This will constitute the second reading of Ordinance 1016, Amendment 25 to the Water and Sewer Ordinance.

Moved By	Seconde	d By			_
ROLL CALL:					
Vorva Curmi,	_ Clinton,Heitman,	Doroshewitz,	Dempsey,	Heise	

STATE OF MICHIGAN COUNTY OF WAYNE CHARTER TOWNSHIP OF PLYMOUTH

RESOLUTION TO REPEAL THE DWSD RULES AND REGULATIONS AND TO ADOPT BY REFERENCE THE GLWA IPP RULES AND REGULATIONS INTO THE WATER AND SEWER ORDINANCE

RESOLUTION NUMBER 2020-09-22-92

At a regular meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall located at 9955 N. Haggerty Road, Plymouth, Michigan on September 22, 2020 at 7:00 p.m., the following resolution was offered:

WHEREAS, on June 12, 2015, the Great Lakes Water Authority (GLWA) entered into a lease agreement with the Detroit Water and Sewer Department whereby GLW A was conveyed, amongst other items, a leasehold interest in all Detroit water facilities ("Water Lease Agreement"), and assumed the responsibilities for sanitary sewer water treatment from the Detroit Water and Sewer Department for the Charter Township of Plymouth; and,

WHEREAS, Section 4a of Act 233 of 1955, MCL 124.284a, requires a water authority to adopt rules and regulations by resolution of its governing body and with concurrence by resolution of constituent municipalities; and

WHEREAS, GLWA has promulgated Industrial Pretreatment Program (IPP) rules and regulations for the protection of the environment, the public health and safety by abating and preventing pollution through the regulation and control of the quantity and quality of sewage, industrial wastes, and other wastes admitted to or discharged into the sewerage systems, and sewage treatment facilities under the jurisdiction of the GLWA and enabling the GLWA to comply with all applicable state and federal laws required by the Federal Water Pollution Control Act, being 33 U.S.C. 1251, et. seq.; the General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR 403); and the National Categorical Pretreatment Standards at 40 CFR 405 – 471; and,

WHEREAS, on July 28, 2020, the Charter Township of Plymouth Board of Trustees adopted a Resolution to adopt GLWA's IPP rules and regulations for certain areas of the Township previously serviced by the Detroit Water and Sewer Department; and,

WHEREAS, the Water and Sewer Ordinance currently contains the Detroit Water and Sewer Department rules and regulations, and such rules and regulations must be repealed by an ordinance; and

WHEREAS, the Charter Township of Plymouth Board of Trustees desires that the GLWA IPP rules and regulations be adopted in the form of an ordinance; and,

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WHEREAS, Section 23 of the Charter Township Ace, MCL 42.23 permits the Township to adopt detailed technical regulations as a township ordinance by reference; and,

WHEREAS, Section 20 of the Charter Township Act provides that an ordinance shall not be finally passed by the township board at the same meeting at which it is introduced, meaning that enacting an ordinance requires readings at two different Board meetings; and,

WHEREAS, the Charter Township of Plymouth Board of Trustees had the first reading of the Ordinance on September 8, 2020, and this reading will constitute the second reading;

NOW, THEREFORE, BE IT RESOLVED THAT the Charter Township of Plymouth Board of Trustees enacts Ordinance No. 1016, amendment 25 to repeal the current Article 3, Section II of the Water and Sewer Ordinance, subsections X-3.25 through X-3.37 and Appendix A-C, inclusive Authority (GLWA), and adopts by reference the GLWA IPP rules and regulations to replace the repealed provisions.

Present:	[Curmi, Clinton, Dempsey, Dorosnewitz, Heise, Heitman, Vorvaj
Moved by:	
Supported by:	
	Roll Call Vote
Ayes:	
Nays:	
Adopted:	Regular Meeting of the Board of Trustees on
	Jerry Vorva, Clerk, Charter Township of Plymouth

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Certifica	<u>tion</u>			
STATE OF MICHIGAN)				
)				
COUNTY OF WAYNE)				
I hereby certify that the foregoing is a true copy of the above Resolution, the original of which is on file in my office.				
Jerry Vorva, Clerk Charter Township of Plymouth	Date			

Resolution: 2020-09-22-92

STATE OF MICHIGAN COUNTY OF WAYNE CHARTER TOWNSHIP OF PLYMOUTH

AMENDMENT TO WATER AND SEWER ORDINANCE

ORDINANCE NO. 1016, AMENDMENT 25

AN ORDINANCE TO PROVIDE FOR; TO PROVIDE FOR; TO PROVIDE FOR; TO PROVIDE FOR PENALTY; TO PROVIDE FOR REPEAL; TO PROVIDE FOR SEVERABILITY; AND TO PROVIDE FOR PUBLICATION AND EFFECTIVE DATE.

THE CHARTER TOWNSHIP OF PLYMOUTH ORDAINS:

Ordinance No. 1016, Amendment 25, the Water and Sewer Ordinance, is hereby adopted to read as follows:

SECTION I. REPEAL OF ARTICLE 3, SECTION II OF WATER AND SEWER ORDINANCE

Article 3, Section II of the Water and Sewer Ordinance, subsections X-3.25 through X-3.37 and Appendix A-C, inclusive, is hereby repealed.

SECTION II. ADOPTION BY REFERENCE OF GLWA IPP RULES

The Industrial Pretreatment Program (IPP) Rules promulgated by the Great Lakes Water Authority (GLWA) are hereby adopted by reference and shall be placed in Article 3, Section II of the Water and Sewer Ordinance.

SECTION III. PENALTY

Any person, corporation, partnership or other legal entity who shall violate or fail to comply with any provision of this Ordinance shall be guilty of a misdemeanor and upon conviction thereof may be fined not more than Five Hundred (\$500.00) Dollars or imprisoned not more than Ninety (90) days, or both, in the discretion of the court.

SECTION IV. REPEAL

All Ordinances or parts of Ordinances in conflict with the provisions of this Ordinance, except as herein provided, are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

SECTION V. SEVERABILITY

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If any section, subsection, clause, phrase or portion of this Ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portion thereof.

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SECTION VI. SAVINGS CLAUSE

The repeal or amendment herein shall not abrogate or affect any offense or act committed or done, or any penalty or forfeiture incurred, or any pending litigation or prosecution of any right established or occurring prior to the effective date of this Ordinance.

SECTION VII. PUBLICATION

The Clerk for the Charter Township of Plymouth shall cause this Ordinance to be published in the manner required by law.

SECTION VIII. EFFECTIVE DATE

This Ordinance shall take full force and effect upon publication.

CERTIFICATION

The foregoing Ordinance was first read by the Township Board Trustees of the Charter Township of Plymouth at its regular meeting called and held on the 22nd day of September, 2020, and was ordered to be given publication in the manner required by law.

	Jerry Vorva, Clerk
Introduced:	
Published:	
Adopted:	
Effective upon Publication:	

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PREAMBLE

WHEREAS, the GREAT LAKES WATER AUTHORITY (the "GLWA"), a municipal authority and public body corporation organized and existing under and pursuant to the provisions of Act No. 233, Public Acts of Michigan, 1955, as amended ("Act 233"), for the purpose of establishing a regional Sewage Disposal System to operate, control, and improve the Sewage Disposal System leased from the City of Detroit;

WHEREAS, the GLWA has been incorporated for the purpose of, among other things, acquiring, owning, leasing, improving, enlarging, extending, financing, refinancing, and operating a sewage disposal system, including stormwater collection and treatment system, or combination of such systems;

WHEREAS, the GLWA promulgates these rules and regulations for the protection of the environment, the public health and safety by abating and preventing pollution through the regulation and control of the quantity and quality of sewage, industrial wastes, and other wastes admitted to or discharged into the sewerage systems, and sewage treatment facilities under the jurisdiction of the GLWA and enabling the GLWA to comply with all applicable state and federal laws required by the Federal Water Pollution Control Act, being 33 U.S.C. 1251, et. seq.; the General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR 403); and the National Categorical Pretreatment Standards at 40 CFR 405 – 471;

WHEREAS, the GLWA seeks to create a uniform code for the regulation of wastes and wastewaters discharged into the collection system for all participating municipalities; prevent the introduction of pollutants into the wastewater systems which will interfere with the operation of the system; contaminate the resulting sludge; would pose a hazard to the health or welfare and safety of people, their communities and to employees of the GLWA; prevent the introduction of pollutants into the wastewater system which will pass inadequately treated, through the system, into receiving waters, the atmosphere, the environment or otherwise be incompatible with the system; provide for the recovery of the costs from Users of the wastewater collection and treatment system sufficient to administer regulatory activities and meet the costs of the operation, maintenance, improvement or replacement of the system;

WHEREAS, the GLWA promulgates these rules and regulations to establish additional requirements and limitations for classes of wastewater originating from non-domestic sources, and those qualifying under one or more of the promulgated National Pretreatment Standards, establishes systems for authorizing and permitting wastewater discharges and the enforcement of the limitations and requirements stated herein.

NOW, THEREFORE, THE GREAT LAKES WATER AUTHORITY ENACTS THESE RULES AND REGULATIONS AS FOLLOWS IN CHAPTERS I – VIII:

CHAPTER I - DEFINITIONS

There are a number of regulatory phrases and terms which are used in these Rules and Regulations that warrant definition. The terms included in this Chapter apply to all successive chapters and rules that have been or may be developed by the Control Authority. Where applicable, the terms reference the applicable federal regulation. Terms that have not been listed and defined here have their standard and ordinary meaning.

The meaning of the terms used in these Rules and Regulations shall be as follows:

"Act", or "Clean Water Act" means the Federal Water Pollution Control Act as amended by the Clean Water Act of 1977 (Pub. L. 95-217), 33 U.S.C. 1251, et seq. It establishes responsibilities of Federal, State, and local government, industry and the public to implement National Pretreatment Standards to control pollutants which pass through or interfere with treatment processes in Publicly Owned Treatment Works ("POTWs") or which may contaminate sewage sludge.

"Administrator" means the Administrator of the USEPA.

"Authorized Representative" means:

- (1) If the Industrial User is a corporation; (a) the president, vice-president, secretary, or treasurer of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or (b) the manager of one or more manufacturing, production, or operation facilities employing more than two hundred fifty (250) persons or having gross annual sales or expenditures exceeding twenty-five million dollars (\$25,000,000.00) in second-quarter 1980 dollars, if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures; or
- (2) If the Industrial User is a partnership or sole proprietorship: a general partner or proprietor respectively; or
- (3) if the Industrial User is a Federal, State or local government facility: a director or highest official appointed or designated to oversee the operation and performance of activities of the government facility, or their designee.

The individual described in sub-paragraphs 1 through 3, above, may designate another duly-Authorized Representative if the authorization is in writing; the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for the environmental matters for the company; and the written authorization is submitted to the GLWA.

"Baseline Monitoring Report" or "BMR" means the report containing information required by 40 CFR 403.12(b) from any Industrial Users subject to a Categorical Pretreatment Standard.

"Best Management Practice Plan" or "BMP" means schedules of activities, prohibitions of practices,

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maintenance procedures, and other management practices to implement the prohibitions listed in 40 CFR 403.5(a)(1) and (b). BMPs include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw materials storage.

"Biochemical Oxygen Demand" or "BOD" means the quantity of dissolved oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure five (5) days at twenty (20) degrees centigrade expressed in terms of mass and concentration (milligrams per liter (mg/l)) as measured by standard methods.

"Board" means the Board of the Great Lakes Water Authority.

"Bypass" means the intentional diversion of wastestreams from any portion of an Industrial User's treatment facility.

"Categorical Significant Industrial User" or "CSIU" means a Significant Industrial User subject to a categorical pretreatment standard or a categorical standard.

"Categorical Pretreatment Standard" or "Categorical Standard" means any regulation containing pollutant discharge limits promulgated by EPA in accordance with sections 307(b) and (c) of the Act (33 U.S.C. 1317) that apply to a specific category of Industrial Users and that appear in 40 CFR Chapter I, Subchapter N, Parts 405-471.

"Centralized Waste Treatment Facility" or "CWT" means any facility that treats any hazardous or nonhazardous industrial waste received from off-site by tanker truck, trailer/roll-off bins, drums, barges, or any other forms of shipment including: a facility that treats industrial waste received exclusively from off-site; and a facility that treats industrial waste generated on-site as well as industrial waste received from off-site.

"Chief Compliance Officer" means the Chief Compliance Officer for GLWA or his/her designee.

"Chief Executive Officer" means the Chief Executive Officer of the GLWA, or his or her designee.

"Code of Federal Regulations" or "CFR" means the codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the United States Government,

"Collection System" means the sewers, pump stations, force mains, air release valves, vacuum release valves, flow meters, sampling equipment, regulators, and other appurtenant equipment or devices used to convey sewage to the Water Resource and Recovery Facility.

"Combined Wastestream Formula" means the formulae contained in 40 CFR 403.6(e) for calculating alternative concentration limits or alternative mass limits where regulated wastewater is mixed prior to treatment with unregulated and diluting wastewater; and necessary for determining compliance with categorical pretreatment standards.

"Control Authority" means the GLWA, upon being officially designated as such by the State of Michigan under the provisions of 40 CFR 403.11, and the persons included in the designation enumerated in Chapter II, Article I.

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"Cooling Water" means the noncontact water discharged from any use, including but not limited to air conditioning, cooling or refrigeration, and whose only function is the exchange of heat.

"Daily Maximum" means the arithmetic average of all effluent samples for a pollutant collected during a 24-hour period used to represent a day.

"Daily Maximum Limit" means the maximum allowable discharge limit of a pollutant during a 24-hour period used to represent a day. Where Daily Maximum Limits are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where Daily Maximum Limits are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant concentration derived from all measurements taken that day.

"Days" mean consecutive calendar days for the purpose of computing a period of time prescribed or allowed by these Rules.

"Direct Discharge" means the discharge of treated or untreated wastewater directly into the waters of the State of Michigan.

"Discharger" means a person who, directly or indirectly, with or without intent, contributes, causes, or permits wastewater to be discharged into the POTW by means of, but not limited to, pipes, conduits, pumping stations, ditches or tank trucks and all constructed devices and appliances appurtenant thereto.

"Domestic Sewage" means the liquid and water-carried waste and wastewater typically generated from humans or household operations which is discharged to, or otherwise enters, a treatment works from sanitary activities such as kitchens, bathrooms, lavatories and toilets.

"Domestic Strength of Sewage" means the pollutant and pollutant concentrations adopted by the Board for the purpose of representing waste and wastewater contributions from Domestic Sources for the Surcharge Program for High Strength Wastewater.

"Domestic Source" means residential dwellings including single family and multifamily (regardless of size) from which only domestic sewage is discharged.

"Environmental Remediation Wastewater" means wastewater in the form of leachate or wastewaters from clean-up actions pursuant to Comprehensive Environmental Response, Compensation, and Liability Act, or sites of leaking underground storage tanks which are discharged to and commingled with sewage and conveyed to the GLWA sewerage system.

"Existing Source" means any facility that is not a "New Source."

"Fats, Oils and Greases or "FOG" mean organic polar and non-polar compounds. Polar compounds are derived from animal and/or plant sources that contain multiple carbon chain triglyceride molecules. Organic non-polar fraction of oil and grease (petroleum hydrocarbons) is identified as Silica gel treated n-hexane extractable materials (SGT-HEM) in the pretreatment standards.

"Hazardous Waste" means any industrial waste, production residue, sewage or sludge which is classified as a hazardous waste pursuant to 40 CFR 261.

"High Strength Wastewater" includes any wastewater discharged from a User in excess of the

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Domestic Strength of Sewage maximum level, and for which a Pollutant Surcharge has been developed and adopted.

"Michigan Department of Environment, Great Lakes, and Energy" or "EGLE" means the Agency of the State of Michigan responsible for Environmental Protection and designated by US EPA as the Approval Authority.

"Indirect discharge" means the discharge or the introduction of pollutants into the POTW from any non-domestic source regulated under 33 U.S.C. § 1317(b), (c) or (d).

"Industrial User" or "IU" means a User who is a source of indirect discharge.

"Industrial Waste" means the liquid and water-carried wastes and all solid, liquid or gaseous waste components thereof, resulting from any commercial, industrial, manufacturing, agricultural, trade or business operation or process or from the development, recovery or processing of natural resources, but does not include Domestic sewage.

"Industrial Waste Control Group" or "IWC" means the organizational group responsible for administration, implementation and enforcement of the Industrial Pretreatment Program, Surcharge r Program, Hauled Waste Program and similar regulatory programs on behalf of the Control Authority.

"Industrial Waste Control Operations Manager" means the Operations Manager of Industrial Waste of the Control Authority, and authorized staff of the Industrial Waste Control Group.

"Infiltration" means water entering a sewer system, including sewer service connections from the ground through such means as, but not limited to, defective pipes, porous pipes, pipe joints, connections or manhole walls. Infiltration does not include, and is distinguished from, inflow.

"Inflow" means water discharged into a sewer system, including service connections, from such sources as, but not limited to, roof leaders, cellars, yards, and area drains, foundation drains, cooling water discharges, drains from springs and swampy areas, manhole covers, cross connections from storm sewers and combined sewers, catch-basins, stormwater, surface run-off, street wash-waters, or drainage and river inflow. Inflow does not include, and is distinguished from, infiltration.

"Instantaneous Limit" means the maximum concentration of a pollutant allowed to be discharged at any time, determined from the analysis of any discrete or composited sample collected, independent of the industrial flow rate and the duration of the sampling event.

"Interference" means a discharge which, alone or in conjunction with a discharge or discharges from other sources, both: (i) inhibits or disrupts the POTW, its treatment processes or operations, or its sludge processes, use or disposal; and (ii) therefore is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal in compliance with the following statutory provisions and regulations or permits issued thereunder (or more stringent state or local regulations): Section 405 of the Act, the Solid Waste Disposal Act ("SWDA") (including Title II, more commonly referred to as the Resource

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Conservation and Recovery Act ("RCRA"), and including state regulations contained in any state sludge management plan prepared pursuant to Subtitle D of the SWDA, the Clean Air Act, the Toxic Substances Control Act, and the Marine Protection, Research and Sanctuaries Act.

"Member Community" means any county, township, city or village receiving wastewater services from the GLWA.

"Minor User" a User who does not meet the definition of a Significant Industrial User but is authorized to discharge to the POTW.

"Monthly Average" means the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month.

"National Pretreatment Standard", "Pretreatment Standard" or "Standard" means any regulation containing pollutant discharge limits promulgated by the USEPA in accordance with Section 307 (b) and (c) of the Act, which applies to Industrial Users. This term includes prohibitive discharge limits established pursuant to 40 CFR 403.5.

"National Pollutant Discharge Elimination System" or "NPDES" means the permit and regulation system governing direct discharges into navigable waters administered by the EGLE and USEPA.

"New Source" means any building, structure, facility or installation from which there is or may be the discharge of pollutants, the construction of which is commenced after the publication of proposed regulations prescribing a standard of performance under Section 307(c) of the Act which will be applicable to such source if such standard is thereafter promulgated in accordance with section 307(c) of the Act.

"Non-detect" means the achievable laboratory testing quantification level for ascertaining the amount of a pollutant in a wastestream using analytical methods specified in or approved under 40 CFR 136, or pursuant to rules adopted by the EGLE or the USEPA.

"North American Industrial Classification System" or "NAICS" means a standard used by Federal statistical agencies to classify business establishments for the purpose of collecting, analyzing, and publishing statistical data related to the United States business economy, as developed by the Office of Management and Budget (OMB), and adopted in 1997 to replace the Standard Industrial Classification (SIC) system.

"Rules and Regulations" mean the Sewage and Waste Control Rules and Regulations of the Control Authority and any rules, regulations and orders adopted by the Board pertaining thereto.

"Pass-through" means a discharge which exits the POTW into waters of the United States in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation).

"Person" means any individual, partnership, co-partnership, firm, company, corporation, association, joint venture, joint stock company, sole proprietorship, trust, estate, co-partnership, unit of government, school authority, or private corporation organized or existing under the laws of the State of Michigan or any other Page 7 of 89

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state or country.

"PFAS Compounds" mean the list of perfluoroalkyl and polyfluoroalkyl substances that the EGLE has identified as emerging contaminants; which includes: Perfluorotetradecanoic acid (PFTeA), Perfluorotridecanoic acid (PFTeA), Perfluorododecanoic acid (PFDoA), Perfluoroundecanoic acid (PFUnA), Perfluorodecanoic acid (PFDA), Perfluorononanoic acid (PFNA), Perfluorooctanoic acid (PFOA), Perfluoroheptanoic acid (PFHpA), Perfluorohexanoic acid (PFHxA), Perfluoropentanoic acid (PFPeA), Perfluorobutanoic acid (PFBA), Perfluorodecanesulfonic acid (PFDS), Perfluorononanesulfonic acid (PFNS), Perfluorobexanesulfonic acid (PFHxS), Perfluoropentanesulfonic acid (PFPeS), Perfluorobutanesulfonic acid (PFBS), Perfluoroctanesulfonic acid (PFOSA), Fluorotelomer sulphonic acid 8:2 (FtS 8:2), Fluorotelomer sulphonic acid 4:2 (FtS 4:2), 2-(N-Ethylperfluorocctanesulfonamido) acetic acid (N-EtFOSAA), 2-(NMethylperfluorocctanesulfonamido) acetic acid (N-MeFOSAA); or as amended.

"pH" means the intensity of the acid or base condition of a solution, calculated by taking the negative baseten logarithm of the hydrogen ion activity. Activity is deemed to be equal to concentration in moles per liter.

"Pollution" means the man-made or man induced alteration of the chemical, physical, biological and radiological integrity of water.

"Pollutant Strength Level" means the concentrations of BOD, TSS, Phosphorus and FOG determined to be present in the wastewater discharged from a User and used to calculate the Surcharge for the High Strength Wastewater contributed by the User.

"Phosphorus" means the total concentration of all forms of organic and inorganic phosphorus compounds as measured by standard methods, expressed in mg/l.

"Pretreatment" means the reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to, or in lieu of, introducing such pollutants into a POTW. This reduction or alteration can be obtained by physical, chemical or biological processes; by process changes; or by other means, except by diluting the concentration of pollutants unless allowed by an applicable Pretreatment Standard.

"Pretreatment Requirements" means any substantive or procedural requirement related to pretreatment, other than a National Pretreatment Standard, imposed on an Industrial User.

"Process Wastewater" means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, by-product or waste product.

"Publicly Owned Treatment Works" or "POTW" means a treatment works as defined by 33 U.S.C. 1292(2)(A) which is owned by a state or municipality, as defined in 33 U.S.C. 1362, including: Any devices and systems used in the storage, treatment, recycling, or reclamation of municipal sewage or industrial

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wastes of a liquid nature; or sewers, pipes and other conveyances only if they convey wastewater to a POTW treatment plant; or the municipality, as defined in 33 U.S.C. 1362, which has jurisdiction over the Indirect Discharges to and the discharges from such a treatment works. For these Rules and Regulations, POTWs include the Control Authority's wastewater facilities.

"Regulatory Activities" mean all programs and activities conducted by the Industrial Waste Control Group to meet its obligations under the NPDES Permit MI 0022802 and the Clean Water Act, and any rules adopted by the Board, including, but not limited to, an Industrial Pretreatment Program; Surcharge Program; Hauled Waste Program, Groundwater and Special Discharge Program.

"Septage" or "Septage Waste" means Domestic Sewage generated by sources without a direct connection to the sewerage system, including untreated and partially treated sewage solids, liquids, and sludge of human or domestic origin that is removed from a wastewater system for disposal through truck or other hauling.

"Sewerage System" means sewers, intercepting sewers, pipes or conduits, pumping stations, force mains, constructed drainage ditches, surface water intercepting ditches, and all other constructions, devices and appliances appurtenant thereto used for collecting or conducting sewage, industrial waste or other wastes to a point of treatment or ultimate disposal.

"Significant Noncompliance" means any Significant Industrial User who violates one (1) or more of the criteria of 40 CFR 403.8(f)(2)(viii)(a)-(h); or any Industrial User who violates one (1) or more of the criteria of 40 CFR 403.8(f)(2)(viii)(c), (d) or (h). (See Article XIII).

"Significant Industrial User" or "SIU" means any User who discharges to the POTW and which:

- (1) Has an average discharge flow of twenty-five thousand (25,000) gallons per day or more of process wastewater excluding sanitary, boiler blowdown, and noncontact cooling water; or
- (2) Has discharges subject to the national categorical pretreatment standards; or
- (3) Requires pretreatment to comply with the specific pollutant limitations of these Rules; or
- (4) Has in its discharge, toxic pollutants as defined pursuant to 33 U.S.C. 1317, or other applicable federal and state laws or regulations, that are in concentrations and volumes which are subject to regulation under these Rules as determined by the Control Authority; or
- (5) Is required to obtain a permit for the treatment, storage or disposal of hazardous waste pursuant to regulations adopted by this state or adopted under the Federal Solid Waste Disposal Act, as amended by the Federal Resource Conservation and Recovery Act, as amended, and may or does contribute or allow waste or wastewater into the POTW including, but not limited to, leachate or runoff; or
- (6) Is found by the Control Authority to have a reasonable potential for adverse effect, either singly or in combination with other contributing industries, on the POTW operation, the quality of sludge, the POTW's effluent quality, or air emission generated by the POTW.

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"Sludge" means liquid and precipitated or suspended solid material therein contained, generated from the treatment of water, sewage, industrial waste or other wastes.

"Slug Discharge" means any discharge of a non-routine, episodic nature, including, but not limited to, an accidental spill or non-customary batch Discharge, which has a reasonable potential to cause interference, pass-through, or in any other way to cause a violation of the Rules and Regulations, local limits or Permit conditions.

"Standard Industrial Classification or "SIC" means a classification pursuant to the Standard Industrial Classification Manual issued by the Executive Office of the President, Office of Management and Budget, 1987, as amended.

"Standard Methods" means the Standard Methods for the Examination of Water and Wastewater, published by the American Public Health Association, and the version(s) approved for use by 40 CFR 136. "Storm Water" means any waste or wastewater occurring during or following any form of natural precipitation and resulting therefrom.

"Surcharge or Pollutant Surcharge" means a fee representing the cost of service determined by the Control Authority for each pollutant comprising Domestic Sewage, expressed in Dollars per pound (\$/lb.). "Total Suspended Solids" or "TSS" means the total suspended matter which floats on the surface of, or is suspended in, water, wastewater or other liquids, and is removable by laboratory filtration or as measured by standard methods.

"Total Phenolic Compounds" means the sum of the individual analytical results for each of the following phenolic compounds during any single sampling event: 2-Chorophenol, 4-Chlorophenol, 4-Chloro-3-methylphenol, 2,4-Dichlorophenol, 2,4-Dinitrophenol, 4-Methylphenol (p-cresol), and phenol.

"Total Poly-Chlorinated Biphenyls" or "Total PCB" means the sum of the individual analytical results for each of the following PCB aroclors 1016, 1221, 1232, 1242, 1248, 1254, and 1260 during any single sampling event with any aroclor result less than the quantification level, or non-detect, being numerically treated as zero.

"Toxic Pollutant" means any pollutant or combination of pollutants designated as toxic in regulations promulgated by the Administrator of the USEPA under the provisions of the Clean Water Act, being 33 U.S.C. 1317, or included in the Critical Materials Register promulgated by the EGLE, or by other federal or state laws, rules or regulations.

"Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with limits imposed under these Rules or with national categorical pretreatment standards due to factors beyond the reasonable control of the Industrial User but does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.

"Users" or "Nondomestic User" or "Industrial User" means an industry, commercial establishment, or other entity that discharges wastewater to a publicly owned treatment works other than, or in addition to, sanitary sewage; and is a source of indirect discharge.

"United States Environmental Protection Agency" or "USEPA" means the Environmental Protection Agency of the United States Government and its designated agents.

"Wastewater Treatment Facilities" mean any method, construction, device, arrangement or appliance appurtenant thereto, installed for the purpose of treating, neutralizing, stabilizing, disinfecting, or disposing of sewage, industrial wastes or other wastes, or for the recovery of by-products from such sewage, industrial waste or other wastes and includes sewers, pipes and other conveyances if they convey wastewater to a POTW.

"Waters" mean all accumulations of water, surface and underground, natural or artificial, public or private or parts thereof which flow through the territory of the GLWA.

"Wastewater" or "Sewage" means the liquid and water-carried wastes of dwellings, commercial buildings, industrial facilities, and institutions, whether treated or untreated, which are contributed to or permitted to enter the POTW including Infiltration and Inflow water, Storm Water and Cooling Water.

"Wastewater Discharge Permits" mean a control mechanism issued by the Control Authority in accordance with these Rules specifying the Pretreatment Standards and Requirements, pollutant discharge limitations, reporting and monitoring requirements, and other conditions under which an Industrial User may discharge to the sewerage system.

"Wholesale Sewer Contract Customer" means any county, township, city or village that has contracted for sewerage services with the GLWA.

For purposes of these Rules, the following acronyms shall have the meanings designated by this section:

Term	Full Term Description	Term	Full Term Description
		EGLE	Michigan Department of
			Environment, Great Lakes, and
			Energy
BMP	Best Management Practice Plan		
BMR	Baseline monitoring report	mg/l	milligrams per liter
BOD	Biochemical Oxygen Demand	NPDES	National Pollutant Discharge
			Elimination System
CSIU	Categorical Significant Industrial		
	User		
CFR	Code of Federal Regulations	POTW	Publicly Owned Treatment Works
		RCRA	Resource Conservation and

				Recovery Act, being 42 U.S.C. § 6901 et seq.)
FOG	Fats, Oils and Grease		SDP	Special Discharge Permit
GLWA	Great Lakes Water Authority		SIU	Significant Industrial User
HIW	Hauled-in Waste		SNC	Significant Noncompliance
IWC	Industrial Waste Control		SWDA	Solid Waste Disposal Act, being 42
				U.S.C. § 6901 et seq.
IU	Industrial User		TSS	Total Suspended Solids
IPP	Industrial Pretreatmen	nt Program		
USEPA	Environmental	Protection	ug/l	Micrograms per liter
	Agency			

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CHAPTER II – RULES GOVERNING IMPLEMENTATION, ADMINISTRATION AND ENFORCEMENT OF INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

The Board has adopted an Industrial Pretreatment Program and received approval from the State of Michigan for GLWA to be a Control Authority to implement, administer and enforce the program within the GLWA Service Area. The following rules have been adopted to describe a uniform means of carrying out the duties and obligations placed upon the GLWA as the Control Authority.

Article I CONTROL AUTHORITY RESPONSIBILITIES

The Board assigns and authorizes the Chief Executive Officer as the person responsible for carrying out the administration, duties, and enforcement responsibilities as the Control Authority, consistent with the intent of these rules.

Article II GENERAL SEWER USE REQUIREMENTS

Section II-201. Unlawful Discharges

It shall be unlawful for any Person to discharge Industrial Waste or Wastewater from non-Domestic Sources, directly or indirectly, into the Sewerage System, without authorization from the Control Authority; or to discharge any Wastewater in violation of the terms and conditions contained in these rules or contrary to any discharge authorization granted by the Control Authority.

Section II-202. Lawful Discharges

It is the duty of every Person seeking to lawfully discharge Sewage, Industrial Wastes, or other wastes or Wastewater of any kind directly or indirectly, into the Sewerage System to conform to the criteria or effluent quality standards established and/or adopted hereunder, and to seek authorization from the Control Authority in accordance with these rules; to comply with these rules, as amended from time to time; and to provide notice to the Control Authority of any substantial changes in the volume, quality, or character of their discharge.

a) Users and Minor Users who were previously authorized, whether by permit or a letter of authorization, by the Detroit Water and Sewerage Department in its prior capacity as the Control Authority, and have and are complying with such authorization, shall be deemed authorized by the GLWA, as the new Control Authority, until (i) a subsequent survey application, permit application or Baseline Monitoring report is filed with or requested by the GLWA; or (ii) a subsequent permit or a letter of authorization is issued by GLWA.

Section II-203. General Pollutant Prohibitions

No User shall discharge or cause to be discharged into the POTW, directly or indirectly, any pollutant or Wastewater which will cause Interference or Pass-through. These general discharge prohibitions shall apply

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to all Users of the POTW whether or not the User is subject to national categorical pretreatment standards or to any other federal, state, or local pretreatment standards or requirements. In addition, it shall be unlawful for any User to discharge into the POTW:

- a) Any liquid, solid or gas, which by reason of its nature or quantity, is sufficient either alone or by interaction with other substances to create a fire or explosion hazard or to be injurious in any other way to persons, to the POTW, or to the operations of the POTW. Pollutants, which create a fire or explosion hazard in a POTW, include, but are not limited to, wastestreams with a closed cup flash point of less than 140°F or 60°C using the test methods specified in 40 CFR 261.21; or
- b) Any solid or viscous substance in concentrations or quantities, which are sufficient to cause obstruction to the flow in a sewer or other encumbrances to the operation of the POTW, including, but not limited to, grease, animal guts or tissues, bones, hair, hides or fleshing, entrails, whole blood, feathers, ashes, cinders, sand, cement, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, strings, fibers, spent grains, spent hops, wastepaper, wood, plastics, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud or glass grinding or polishing wastes, or tumbling and deburring stones; or
- c) Any Wastewater having a pH of less than 5.0 units or greater than 11.5 units; or
- d) Any Wastewater containing petroleum oil, non-biodegradable cutting oil, products of mineral oil origin, or toxic pollutants in sufficient concentration or quantity either singly or by interaction with other pollutants to cause Interference, or Pass through, or constitute a hazard to humans or animals; or
- e) Any liquid, gas, solid or form of energy, which either singly or by interaction with other waste is sufficient to create toxic gas, vapor, or fumes within the POTW in quantities that may cause acute worker health and safety problems, or may cause a public nuisance or hazard to life, or are sufficient to prevent entry into the sewers for their maintenance and repair; or
- f) Any noxious or malodorous liquids, gases, solids, or other Wastewater which, either singly or by interaction with other wastes, are sufficient to create a public nuisance or a hazard to life, or to prevent entry into the sewers for maintenance or repair; or
- g) Any substance which is sufficient to cause the POTW's effluent or any other product of the POTW, such as residue, sludge, or scum to be unsuitable for reclamation processing where the POTW is pursuing a reuse and reclamation program. In no case shall a substance discharged into the POTW cause the POTW to be in noncompliance with sludge use or disposal criteria guidelines or regulations developed under 33 U.S.C. 1345, with any criteria, guidelines, or developed and promulgated regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Federal Clean Air Act, the Federal Toxic Substances Control Act, or with state criteria applicable to the sludge management method being used; or
- h) Any trucked or hauled pollutants, except at discharge points designated by the POTW and authorized

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by the Control Authority (see Chapter IV); or

- i) Any substance which will cause the POTW to violate the NPDES permit; or
- j) Any discharge having a color uncharacteristic of the wastewater being discharged; or
- k) Any wastewater having a temperature which will inhibit biological activity in the POTW treatment plant resulting in interference, but in no case wastewater with a temperature at the introduction into a public sewer which exceeds 150°F or which will cause the influent at the wastewater treatment facility to rise above 104°F (40°C); or
- 1) Any pollutant discharge which constitutes a Slug; or
- m) Any wastewater containing any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established in compliance with applicable federal or state regulations; or
- n) Any floating FOG which are sufficient to create an obstruction in the collection system, cause interference with the collection system or pass through the POTW; or
- o) Any solid materials having a specific gravity greater than 1.2 or a cross section dimension of one-half (½) inch or greater which are sufficient to cause interference with the POTW; or
- p) Wastewater causing a reading on an explosion hazard meter at the point of discharge into the POTW, or at any point in the POTW, of more than 20 percent (20%) of the Lower Explosive Limit of the meter; or
- q) Any pollutant, including oxygen demanding pollutants (BOD, etc.) released in a Discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW.

Section II-204. Specific Pollutant Discharge Limitations

- a) National Categorical Pretreatment Standards. All Industrial Users shall comply with the applicable National Categorical Pretreatment Standards and requirements promulgated pursuant to the Act as set forth in 40 CFR Subchapter N, Effluent Guidelines and Standards, which are hereby incorporated by reference and with all other applicable standards and requirements. Affected dischargers shall comply with applicable reporting requirements under 40 CFR Part 403 and as established by the Control Authority. The National Categorical Pretreatment Standards that have been promulgated as of the effective date of this section are delineated in Appendix A.
- b) Local Pollutant Discharge Limitations. The Control Authority has developed specific Local Pollutant Discharge Limitations to protect the sewage disposal system from (pollutant) Interference, Inhibition or Pass-through, and worker health & safety in accordance with 40 CFR 403.5(c); which are to be deemed as Pretreatment Standards pursuant to Section 307(d) of the Act. The following specific Local Pollutant Discharge Limitations are adopted, and shall be enforced by the Control Authority:

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1) Compatible Pollutants:

Pollutant Name & Symbol	Daily Maximum Limitation (mg/l)		
Biochemical Oxygen Demand (BOD)	10,000		
Total Suspended Solids (TSS)	10,000		
Fats, Oils, and Grease (FOG)	1,500		
Total Phosphorus (P)	150		

2) Metals

Pollutant Name & Symbol	Daily Maximum Limitation (mg/l)		
Arsenic (As)	1.0		
Cadmium (Cd)	3.0		
Chromium (Cr)	25.0		
Copper (Cu)	3.0		
Cyanide, Amenable (CNA)	1.5		
Lead (Pb)	1.0		
Mercury (Hg)	0.01		
Nickel (Ni)	5.0		
Silver (Ag)	1.0		
Zinc (Zn)	12.0		

3) Organic Pollutants

Pollutant Name & Symbol	Daily Maximum Limitation (mg/l)	
PCB, Total	Non-detect	

4) Phenolic Compounds

- i) The limitation for Total Phenolic Compounds shall be 1 mg/l using the 4AAP method.
- ii) A Significant Industrial User may elect, in lieu of the limit for Total Phenolic Compounds specified in sub-paragraph i above, to substitute the specific limitations for the individual eight (8) phenolic compounds identified in the following table:

Pollutant Name & Symbol	Daily Maximum Limitation (mg/l)			
2-Chlorophenol	8.0			
4-Chlorophenol	8.0			
4-Chloro-3-methylphenol	3.0			
2,4-Dichlorophenol	6.0			
2,4-Dinitrophenol	30			
4-Methylphenol	40.0			
Phenol	86			

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Upon written election, the wastewater discharge permit shall be modified to incorporate these substituted parameters and a Significant Industrial User shall be responsible for monitoring and reporting compliance with these parameters.

- c) Non-Detectable Limitations. For any pollutant parameter which has a Local Pollutant Discharge Limitation of Non-detect, a User will be in violation of the limitation when the measurement result exceeds by any magnitude the method detection level of the pollutant, using analytical methods authorized under 40 CFR 136, unless a higher level is appropriate because of demonstrated sample interference.
 - 1) Total PCB shall not be discharged at detectable levels, based upon USEPA Method 608, and the quantification level shall not exceed 0.2 ugms/l, unless a higher level is appropriate because of demonstrated sample interference.

Any User may develop and implement a Best Management Practice Plan in accordance with Section II-1006 to demonstrate compliance with a Non-detect local pollutant discharge limitation

- d) Applicability of most stringent limitation. Where a National Categorical Pretreatment Standard includes a pollutant parameter that also has a Local Pollutant Discharge Limitation, the Control Authority shall apply the most stringent Daily Maximum limitation for that pollutant parameter in a permit issued to the discharger. Where a 4-day, monthly or 30-day limitation contained in a National Categorical Pretreatment Standard is greater than the Local Pollutant Discharge Limitation Daily Maximum limitation, the Control Authority shall apply the more stringent value as the applicable average.
- e) Development of Pollutant Discharge Limitations. The Control Authority may periodically review and re-evaluate new or existing wastewater pollutant discharge limitations in accordance with 40 CFR 403.5(c). The Control Authority reserves the right to establish additional or more stringent limitations or requirements on discharges to the POTW.
- f) Development of Pollutant Concentration and Mass limits. When limits in a categorical pretreatment standard are expressed only in terms of mass of pollutants 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 Significant Industrial Users. Equivalent limitations shall be calculated in accordance with Sections 40 CFR 403.6(c)(3) and/or 40 CFR 6(c)(4) and shall be deemed pretreatment standards for the purposes of 33 USC 1317(d) and of these rules. Significant 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.

Section II-205. Net/Gross Determinations

An Industrial User, subject to a Categorical Pretreatment Standard may obtain a net/gross adjustment to a Categorical Pretreatment Standard in accordance with the following paragraphs of this Section.

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a) Categorical Pretreatment Standards may be adjusted to reflect the presence of pollutants in the Industrial User's intake water. Any Industrial User wishing to obtain credit for intake pollutants must make application to the Control Authority. Upon request of the Industrial User, the applicable Standard will be calculated on a "net" basis (i.e., adjusted to reflect credit for pollutants in the intake water) if the requirements of paragraph (2) of this Section are met.

b) Criteria.

- 1) Either (i) the applicable Categorical Pretreatment Standards contained in 40 CFR subchapter N specifically provide that they shall be applied on a net basis; or (ii) the Industrial User demonstrates that the control system it proposes or uses to meet applicable categorical Pretreatment Standards would, if properly installed and operated, meet the Standards in the absence of pollutants in the intake waters.
- 2) Credit for generic pollutants such as biochemical oxygen demand (BOD), Total Suspended Solids (TSS), and fats, oil and grease should not be granted unless the Industrial User demonstrates that the constituents of the generic measure in the Industrial User's effluent are substantially similar to the constituents of the generic measure in the intake water or unless appropriate additional limits are placed on process water pollutants either at the outfall or elsewhere.
- 3) Credit shall be granted only to the extent necessary to meet the applicable Categorical Pretreatment Standard(s), up to a maximum value equal to the influent value. Additional monitoring may be necessary to determine eligibility for credits and compliance with Standard(s) adjusted under this Section,
- 4) Credit shall be granted only if the Industrial User demonstrates that the intake water is drawn from the same body of water as that into which the POTW discharges. The Control Authority may waive this requirement if it finds that no environmental degradation will result.

Section II-206. Prohibition of Dilution

Except where expressly authorized to do so by an applicable Pretreatment Standard or Requirement, an Industrial User cannot increase the use of process water, or in any other way attempt to dilute prior to discharge as a partial or complete substitute for adequate pretreatment to achieve compliance with a discharge limitation unless expressly authorized by an applicable Pretreatment Standard or requirement. The Control Authority may impose mass limitations on Industrial Users who are using dilution to meet applicable Pretreatment Standards or Requirements, or in other cases when the imposition of mass limitations is appropriate.

Article III PRETREATMENT OF WASTEWATER

Section II-301. Pretreatment Facilities

a) Industrial Users shall provide Wastewater Treatment Facilities, as necessary, to comply with these rules and shall achieve compliance with all Categorical Pretreatment Standards, Local Pollutant Discharge

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Limitations, and other requirements of these rules within the time limitations specified by EPA, the State, or these rules. Any Wastewater Treatment Facilities necessary for compliance shall be provided, operated, and maintained at the Industrial User's expense. Detailed plans describing such Wastewater Treatment Facilities and operating procedures shall be submitted to the Control Authority for review, before such Wastewater Treatment Facilities are constructed. The Industrial User shall obtain any plan approvals required from any member community or Wholesale Sewer Contract Customer prior to submitting them to the Control Authority for review. The review of such plans and operating procedures shall in no way relieve the Industrial User from the responsibility of modifying such Wastewater Treatment Facilities, as necessary, to produce a discharge that will meet any Wastewater discharge permit, or necessary to comply with these rules.

- b) Additional Pretreatment Measures Whenever deemed necessary, the Control Authority may require Industrial Users through written notice, to restrict their discharge during peak flow periods, designate that certain Wastewater be discharged only into specific sewers, relocate and/or consolidate points of discharge, separate sewage wastestreams from industrial wastestreams, and such other conditions as may be necessary to protect the POTW and/or to determine the Industrial User's compliance with the requirements of these Rules and Regulations. This written notice shall state the reasons for the restriction and be incorporated into an individual Wastewater discharge permit, or equivalent control mechanism.
- c) As part of the Collection System and Combined Sewer Overflow Plans required by NPDES Permit MI0022802, the Control Authority may require any Person discharging into the POTW to install and maintain, on their property and at their expense, a suitable storage and flow-control facility to ensure equalization of flow. Before such action is taken, a written notice stating the reasons for the requirements shall be given to the User and incorporated into an individual Wastewater discharge permit or equivalent control mechanism. An individual Wastewater discharge permit, or equivalent control mechanism, may be issued solely for flow equalization.

Section II-302. Pretreatment Protection Requirements

- a) Protection from Flammable and Combustible Substances All Users who discharge wastewater containing a flammable and combustible substance shall install, operate and maintain a combustible gas monitoring system acceptable to the Control Authority which provides a method of early detection and recording of any discharge of a flammable or combustible substance so that preventive measures can be taken to avoid loss of life, damage to the Sewerage System, and/or damage to public and/or private property.
 - Flammable and combustible substances include, but are not limited to, gasoline, benzene, naptha, solvents, fuel oil; or any other liquid, solid, or gas that would cause or tend to cause flammable or explosive conditions to result in the Sewerage System.
 - 2) Applicability: Petroleum refineries, gasoline storage and transfer facilities, and chemical

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manufacturing plants having a discharge of 25,000 gallons or more per day of process Wastewater per day shall be required to submit a plan and schedule to install and implement a combustible gas monitoring system, within ninety (90) days, and complete implementation of the plan and schedule within 6 months of these rules adoption or upon commencement of discharge,

- 3) The Control Authority may issue written notice to any User requiring the installation of a combustible gas monitoring system upon a finding of 15% or greater of the Lower Explosive Level (LEL) from the User's discharge to the POTW.
- 4) Specific requirements for a combustible gas monitoring system shall be included by the Control Authority in a Significant Industrial User's Wastewater discharge permit, and include the following basic requirements:
 - i. The system shall be continuous and fixed (permanent rather than portable) and shall be installed near the company's approved monitoring location (where applicable).
 - ii. The system shall have an indicator as well as an automatic continuous recorder capable of maintaining a permanent record of readings (i.e., chart recorder).
- iii. The system shall be equipped with a two-stage alarm system that is adjustable. The upper alarm level must be set at 20% LEL (Lower Explosive Limit).
- iv. The system shall be calibrated for methane detection.
- v. The control unit for the combustible gas detection meter should be located where the alarm will be heard and acted upon promptly (i.e., control room)
- b) pH Monitoring Plan and Monitoring Requirement. All Significant Industrial Users, as specified below, who process acidic and/or caustic wastes and Wastewaters; or whose pH is adjusted on-site, whether done for operational or treatment purposes; shall (i) develop an approvable pH Monitoring plan, and (ii) install appropriate pH monitoring and recording devices.
 - 1) pH Monitoring Plan In accordance with sub-paragraph 2) below, a pH monitoring Plan shall be provided within 90 days and complete implementation of the plan and schedule within 6 months of the adoption of these rules or included with a new permit application or Baseline Monitoring Report, which shall include the following:
 - i. A description of the location of the pH monitor(s)
 - ii. Equipment specifications identifying the manufacturer & model of the (a) pH meter; (b) pH probe; (c) pH transmitter (if applicable); and (d) the pH recorder (chart, electronic, other)
 - iii. Maintenance procedures to be used for cleaning the pH monitoring system used; including the frequency of cleaning. A step by step description of the calibration procedure used shall be maintained by the SIU
 - iv. Calibration procedure information including (a) whether the probe can or cannot be removed for calibration; (b) whether the direct or indirect method is used for calibration;

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- (c) whether the pH meter is capable of temperature compensation; (d) the pH buffers (reagents) used; and (e) the frequency of meter calibration, with weekly (as a minimum)
- v. All records shall be retained for a minimum of three years and shall be made available to the Control Authority's representative upon request. A summary of records shall be provided with the six-month report to demonstrate compliance during the period. This may be submitted as a hard-copy or in electronic form.
- 2) pH Monitoring shall be provided by all Significant Industrial Users as follows:
 - i. The following Significant Industrial Users will provide a pH monitoring plan addressing continuous monitoring for pH consistent with USEPA method 150.2 using appropriate pH monitoring and recording devices:
 - a. All SIUs classified as a Centralized Waste Treatment facility in accordance with 40 CFR 437;
 - b. All SIUs who discharge 25,000 gpd or more of Wastewater and who process acidic and/or caustic wastes and Wastewaters; or whose pH is adjusted onsite, whether done for operational or treatment purposes.
 - ii. Significant Industrial Users who discharge less than 25,000 gpd of Wastewater will provide a pH Monitoring Plan and monitor for pH using appropriate pH monitoring and recording devices, which are representative of the period of discharge.
 - iii. The Control Authority may require any User to install pH monitoring upon finding pH levels below 5.0 or greater than 11.5, and by serving written notice to the User.
- 3) The pH monitoring plan shall be acknowledged within the Wastewater discharge permit for the SIU. The following criteria shall also be included in the permit:
 - i. No individual excursion from the range of pH values shall exceed 15 minutes.
 - ii. Where continuous pH monitoring is used, the maximum and minimum pH readings will be reported. Regardless of the number of pH measurements recorded for each day, only one violation per day shall be determined.
 - iii. A summary of pH monitoring records shall be provided with the six-month report to demonstrate compliance during the period. This may be submitted as a hard-copy or in electronic form.

Section II-303. Protection from Accidental Discharges

- a) All Users shall provide protection from accidental discharge, spill or Slug discharge of materials prohibited by these rules, contained in any raw materials, chemicals and/or wastes kept on the premises.
- b) Users shall develop detailed plans against accidental discharge and/or spill discharge, and construct facilities, develop and implement measures reasonably necessary to avoid loss of life, damage to the Sewerage System, and/or damage to public and/or private property. These shall be implemented, provided, and maintained at the owner's or User's cost or expense.

- c) At a minimum, plans against accidental discharge and/or spill discharge will be required when prohibited materials or substances are kept on the premises in a form which could readily be carried into the POTW; constitute a concentration of five (5%) percent or greater in the raw material, chemical solution or waste material; or are stored in volumes of more than fifty-five (55) gallons. Such plans shall include the following information:
 - Description of facilities and operating procedures to be implemented to provide protection against such accidental discharge, spill or slug discharge. Such facilities and measures to prevent and abate these discharges shall be implemented, provided, and maintained at the owner's or User's cost or expense.
 - 2) Provide the approximate average and maximum quantities of such prohibited materials or substances kept on the premises in the form of raw materials; chemicals and/or waste therefrom and the containment capacity for each.
 - 3) Identify facility contacts responsible for implementation and keeping the plan current.
 - 4) Include notification procedures and post such requirements advising employees whom to contact in the event of any accidental, spill or slug discharge.
 - 5) Include information on the secondary containment capacity available and the capacity available for containing rainfall or freeboard. Supporting calculations shall be maintained by the User and made available to the Control Authority upon request.
 - 6) Include a certification statement signed by the facility's Authorized Representative.
- d) Significant Industrial Users shall develop plans to control Slug discharges, as defined by 40 CFR 403.8(f)(2)(v). The Control Authority shall evaluate whether any Significant Industrial User is required to develop, modify or revise a slug discharge plan at a frequency of at least once every two (2) years.
- e) Existing Users who are required to develop any plan under sub-section b and/or c shall complete and submit such a plan within sixty (60) days of the effective date of these rules. Users who have previously filed such plans are not required to resubmit these plans unless the information has been revised or changed. New Users shall submit plans under sub-section b and/or c prior to the time they commence discharging.
- f) The User shall promptly notify the Control Authority of changes or modifications to the plan including, but not limited to, a change in the contact person(s), or substance inventory.
- g) The User shall immediately notify the Control Authority of any change at its facility affecting the potential for a Slug discharge.
- h) The Control Authority shall include as a requirement in a Wastewater discharge permit issued under these Rules, the development, revision and submittal of these plans described in sub-section b and/or c

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Article IV CLASSIFICATION OF WASTEWATER SOURCES

Section II-401. Specific Wastewater Source Classifications

- a) The Control Authority shall recognize the following specific Wastewater source classifications for purposes of these Rules:
 - 1) Septage and waste haulers;
 - 2) Groundwater sources and occasional or special waste sources;
 - 3) Grease, oil and solid sources; and
 - 4) Utility wastes and Wastewater.
- b) The Control Authority may establish additional Industrial User classifications where necessary to efficiently carry out the intent of these Rules, or to administer the requirements of these Rules on a defined Industrial User group.

Section II-402. Septage and Waste Haulers

- a) The Control Authority has developed a program for the regulation of Septage and hauled wastes that are authorized for treatment from non-point sources. The regulatory requirements for this program are more fully described in Chapter V of these rules.
- b) Domestic Sewage and Wastewater from recreational vehicles, individual portable toilets, and vessels and ships shall also be authorized in accordance with Chapter V of these rules.
- c) The Control Authority shall not accept any waste or wastewater at its POTW on 9300 West Jefferson delivered by truck, rail or dedicated pipeline, other than Septage Waste and the contents of domestic waste septic tanks, cesspools, seepage pits, sewage lift stations and portable toilets may be discharged to the Sewerage System by haulers authorized to unload such materials and subject to the requirements of the Chapter V rules.
- d) Hauled-in industrial wastes, other than described in paragraph b, shall not be discharged into the Sewerage System either directly or indirectly because of the risk potential to the well-being of the system and the receiving waters. Such wastes are to be disposed of in commercial facilities specializing in the reclamation, rendering, disposal, destruction or burial of non-hazardous, hazardous or potentially hazardous wastes.

Section II-403. Special Discharge Environmental Remediation, Groundwater Sources and Occasional or Special Waste Sources may not be discharged unless authorization has been granted by the Control Authority.

- a) The Control Authority has developed a program for the regulation of Environmental Remediation, Groundwater Sources and Occasional or Special Waste Sources that are authorized for treatment from non-point sources. The regulatory requirements for this program are described in Chapter V of these rules.
- b) Special wastes and Wastewaters not described by subparagraph (a) above, may be authorized for

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discharge if they do not pose harm or risk of harm to the sewerage system as determined by the Control Authority in its reasonable discretion. Such wastes include, but are not limited to, spoiled beer, wine, milk or other beverages, non-hazardous waste materials, and water and Wastewater from tanks or vessels, ships, freighters or barges.

Section II-404. Grease, Oil and Solids Interceptors

The contributions of FOGs and the discharge of solid or viscous pollutants can cause or contribute to obstructions in the POTW and collection system. The installation and maintenance of grease, oil, and solids interceptors can minimize these occurrences. The Control Authority will work with Member Communities and/or Wholesale Sewer Contract Customers to correct improper handling from sources found to cause or contribute to obstructions in the POTW and collection system.

- a) Grease, oil, and solids interceptors shall be provided when, in the opinion of the Control Authority, they are necessary for the proper handling of Wastewater containing excessive amounts of grease and oil, or solids; except that such interceptors shall not be required for Domestic Sources. All interception units shall be of a type and capacity acceptable to the User's Member Communities and/or Wholesale Sewer Contract Customers and the Control Authority.
- b) The Control Authority may require Users to provide records or other information concerning the inspection, cleaning and maintenance practices of the User.
- c) The Control Authority may require any User to install and/or repair, maintain and operate grease, oil, and solids interceptors when, in the opinion of the Control Authority, they are found to cause or contribute to obstructions in the POTW and collection system. The Control Authority shall notify the User of grease, oil and solids sources in writing of such requirement(s).
- d) All interception units shall be of a type and capacity acceptable to the local Health Department, community agency or Member Community, and the Control Authority. Such interceptors shall be regularly inspected, cleaned, and repaired by the User at their expense.

Section II-405. General Permits.

- a) The Control Authority may authorize the discharge of utility wastes and Wastewater resulting from maintenance and related activities of telephone, gas, steam, or electrical utilities, whether public or private, through the use of general permits. Subject to appropriate reporting requirements, the general permit shall authorize discharge in accordance with the terms of the permit.
- b) General Permits may be used by the Control Authority to carry out these rules, for Users other than Significant Industrial Users, to authorize the discharge from User's activities. General Permits shall authorize discharge in accordance with the terms of the permit and include appropriate reporting requirements.

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Article V REPORTING AND NOTIFICATION REQUIREMENTS

The Control Authority may require any User to provide any of the reports or notifications described within this section whenever there is a reasonable potential or actual finding.

Section II-501. General Notification Requirements

- a) Notification requirements. Within one (1) hour of becoming aware of a discharge into the POTW which has the potential to cause, or does cause, the User to implement any accidental discharge, spill or Slug discharge, or to report the occurrence of an unanticipated by-pass or upset event, the User shall telephone the Control Authority at its System Control Center (313-267-6000), and notify the Control Authority of the discharge event.
 - The notification shall include the name of the caller, the location and time of discharge, the type of Wastewater, the estimated concentration of excessive or prohibited pollutants and estimated volume, and the measures taken, or being taken, to abate the discharge into the POTW.
 - 2) Within five (5) calendar days after the discharge, the User shall submit a detailed written report to the Control Authority describing the cause of the discharge and the measures to be taken by the User to prevent similar future occurrences and, when required by the Control Authority, the User's Wastewater discharge permit may be modified to include additional measures to prevent such future occurrences.
- b) Such notification shall not relieve the User of any expense, cost of treatment, loss damages or other liability which may be incurred as a result of, among other things, damage to the POTW, fish kills, or any other environmental impairment or any other damage to persons or property.
- c) Recovery of costs. Any User discharging in violation of any of the provisions of these rules, which produces a deposit or obstruction or causes damages to or impairs the POTW, or causes the Control Authority to violate its NPDES permit, shall be liable for any expense, loss, damage, penalty or fine incurred because of said violation or discharge. Prior to assessing such costs, the Control Authority shall notify the User of its determination that the User's discharge was the proximate cause of such damage, obstruction, impairment, or violation of the NPDES permit and the intent to assess such costs to the User. Any such notice shall include written documentation which substantiates the determination of proximate cause and a breakdown of cost estimates. Failure to pay the assessed costs shall constitute a violation of these rules. Such charge shall be in addition to, and not in lieu of, any penalties or remedies provided under these rules, or this Code, or other statutes and regulations, or at law or in equity.

Section II-502. Specific Notification Requirements

- a) All Users, whether required to have a Wastewater discharge permit, Authorization or not, shall notify the Control Authority at its System control center (313-267-6000) of any discharge or release that is contrary to the requirements of these rules.
- b) The Control Authority may identify additional requirements for notice through a Wastewater discharge Page 25 of 89 Version Date: 10/28/2019

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permit or authorization to discharge.

Section II-503. Hazardous Waste Notification

- a) All Industrial Users, who discharge into the Sewerage System, shall notify the Control Authority in writing of any discharge of a substance which, if otherwise disposed of, would be a hazardous waste as set forth in 40 CFR 261. Such notification must comply with the requirements of 40 CFR 403.12(p).
- b) At a minimum, any Significant Industrial User regulated under a Wastewater discharge permit issued by the Control Authority shall review their previous notification(s) and report any additions or other changes to the hazardous wastes discharged, in accordance with 40 CFR 403.12(j), to the POTW and provide the current information specified in paragraph (a) above at the time of seeking a Permit Renewal.
- c) This provision does not create a right to discharge any substance not otherwise permitted to be discharged by these rules, or any permit issued thereunder, or any applicable Federal or State law.

Section II-504. Authorized Representative.

The Authorized Representative, or a duly Authorized Representative if applicable, shall sign and certify any survey, permit application or re-application, Baseline Monitoring Report, 90-day report, or periodic report or a request for reconsideration or appeal hearing. Other documents, responses or reports may be signed by any other agent as long as the agents name, role and any limitations of the agency, are made known to the Control Authority in writing.

Section II-505. Best Management Practice Plans and Pollution Prevention Plans

The Control Authority shall allow Users to develop and to implement Best Management Practice Plans and Pollution prevention plan initiatives as a partial response to non-compliance and incorporate such plans as an enforceable part of a Wastewater discharge permit. Upon demonstration of compliance, the User may request to be relieved of the Best Management Practice Plans and Pollution prevention implementation requirement.

Section II-506. Centralized Waste Treatment Facility Requirements

A Centralized Waste Treatment Facility receive hazardous and non-hazardous materials for treatment and disposal through the local POTW and collection system.

- a) Any new or existing Industrial User who operates a Centralized Waste Treatment Facility as described by 40 CFR 437, Subpart D (Multiple Wastestream Subcategory), shall provide an Equivalent Treatment that satisfies the requirements of 40 CFR 437.2(h), and applicable certification statement to the Control Authority when applying for a new Wastewater discharge permit, when submitting its Baseline Monitoring Report, or when re-applying for a Wastewater discharge permit. The statement shall be certified by a professional engineer registered in the State of Michigan. The statement must be provided with the Baseline Monitoring Report, or Wastewater discharge permit application or reapplication form.
- Any new or existing Industrial User who operates a Centralized Waste Treatment Facility as described
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by 40 CFR 437, Subpart A, B or C shall provide a statement that the Centralized Waste Treatment Facility has treatment processes capable of treating the Wastewater received or collected by the Centralized Waste Treatment Facility, and necessary to meet the applicable discharge limitations. The statement shall be certified by a professional engineer registered in the State of Michigan. The statement must be provided with the Baseline Monitoring Report, or Wastewater discharge permit application or reapplication form.

- c) A Centralized Waste Treatment Facility granted a permit under this section shall provide supplemental information with the periodic reports required under section II-705, that includes the volume (in gallons) of Subpart A (metal bearing wastes), Subpart B (oily wastes), and Subpart C (organic bearing wastes) received each month, held in inventory or removed off-site each month, and discharged to the sewer system each month.
- d) A Centralized Waste Treatment Facility granted a permit under this section shall maintain records which, at a minimum, identify the source, volume, character, and constituents of the Wastewater accepted for treatment and disposal. These records may be reviewed at any time by the Control Authority.

Article VI INSPECTION & MONITORING REQUIREMENTS

Section II-601. Right of Entry: Inspection and Monitoring.

- a) The Control Authority shall have the right to enter the premises of any User to determine through inspection and monitoring, whether that User is complying with all requirements of these rules; and any Wastewater discharge permit issued hereunder. Such rights shall also permit the Control Authority to collect independent samples at the facility and install and retrieve monitoring equipment and instrumentation. The Control Authority shall perform these activities at reasonable times, and in a reasonable manner.
- b) Users shall allow the Control Authority, or the Control Authority's representative, ready access to all parts of the premises for the purposes of inspection, sampling, records examination and copying, and the performance of any additional duties authorized by these rules. The Control Authority may access any easement, street or other public location without notice.
- c) Upon arrival at the User's premises, the Control Authority's representative shall notify and inform the User, or the User's employees, of their purpose. The Control Authority's representative shall bear proper credentials and identification, and at the User's option may be accompanied by a representative authorized by the User.
- d) Where a User has security measures in force, the User shall make prompt and necessary arrangements with the security personnel so that, upon presentation of appropriate credentials, the Control Authority's representative will be permitted to enter for the purposes of performing their specific responsibilities. The Control Authority shall neither refrain from, nor be prevented or delayed from, carrying-out its

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- inspection or sampling duties due to the unavailability of the Authorized Representative of the facility.
- e) While performing work on private property, the Control Authority shall observe all reasonable safety, security and other reasonable rules applicable to the premises as established by the User.
- f) Should the Control Authority require photographs of the User's facilities, the User shall be notified, provided a consent form, and provided with electronic or printed copies of any such photographs within 48 hours. If requested by the User, these may be transmitted electronically.
- g) Upon the request of the Control Authority, Users shall furnish access to information and records relating to discharges into the POTW. The User shall be notified, provided a consent form, and the Control Authority shall be permitted to photograph or copy such records.
- h) Noncompliance with this subsection shall be addressed in accordance with the enforcement authority available through Article X of these rules.

Section II-602. Inspection, sampling and record-keeping.

- a) Significant Industrial Users shall sample and analyze their discharge in accordance with the provisions of their permit. The Control Authority may require such samples to be split for the Control Authority's independent analysis.
- b) Significant Industrial Users shall maintain records of all information from monitoring activities required by these rules, or by 40 CFR 403.12(o), for no less than three (3) years. This period of record retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Industrial User, or the operation of the Control Authority's Industrial Waste Program, or when requested by the Control Authority, by the State, or by the USEPA.
- c) In the event the Control Authority obtains samples, and analyses are made of such samples, a copy of the results of such analyses shall be promptly furnished upon written request by the Industrial User's Authorized Representative.
- d) When requested by the Industrial User, the Control Authority's representative shall leave with the Industrial User, a portion of any sample of the Industrial User's discharge taken from any sampling point on or adjacent to the premises for the Industrial User's independent analysis. Users must provide their own containers for receipt of such samples. Where the sampling protocol, e.g. grab-sampling, would affect the integrity of the sample, the User may be provided with a contemporaneously collected sample.
- e) In cases of disputes arising over shared samples, the portion taken and analyzed by the Control Authority shall be controlling unless proven invalid. The Industrial User may request a conference with the Control Authority to review and discuss the shared sample results in dispute, including pertinent supporting materials and documents. The Control Authority shall issue a written conference report following such discussion.

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Section II-603. Sampling Plans

- a) All Significant Industrial Users shall provide a sampling plan describing the manner and form intended for representative wastewater self-monitoring. At a minimum, the plan shall include:
 - i. A description of the sample collection method(s) based on grab, flow-proportional composite
 or time-proportional composite methods;
 - ii. Designate applicable requirements for batch and/or continuous discharges, including the release time;
 - iii. If applicable, the sampler settings, such as pulse, time, sample volume; and
 - iv. If applicable, the flow-measurement equipment.
- b) The sampling plan shall be submitted to the Control Authority and shall be implemented by the Significant Industrial User.

Section II-604. Sample Collection Methods

- a) Users shall collect representative samples of the waste and Wastewater discharges using sampling procedures described by 40 CFR 403, Appendix E.
 - Except for samples for oil and grease, temperature, pH, cyanide, total phenols, sulfides, and volatile organic compounds, wastewater samples must be collected using 24-hour flow-proportional composite sampling techniques, unless time-proportional composite sampling or grab sampling is authorized by the Control Authority. A Significant Industrial User may request the use of time-proportional composite sampling or grab sampling rather than flow-proportional composite sampling by demonstrating that the use of time-proportional composite sampling or grab sampling will provide samples representative of the SIU's discharge. The User shall provide supporting documentation including any statistical analysis submitted in support of the request.
 - The Control Authority may authorize the use of alternative sampling methods, where such methods are representative of the Significant Industrial User's Discharge and shall document its decision in the SIU file.
 - ii. If granted by the Control Authority, the authorization shall be limited to the duration of the Wastewater discharge permit. A Significant Industrial Users shall request re-authorization of a waiver request with any permit re-application form filed with the Control Authority. The Control Authority shall review any such request de novo.

Section II-605. Sampling & Monitoring Facilities

a) All Significant Industrial Users, and any other Industrial User who discharge under an effective Wastewater discharge permit or other control mechanism, shall provide, operate, and maintain at their own expense a sampling and monitoring facility to enable the Control Authority to conduct such other monitoring and sampling as required for determining compliance. The sampling and monitoring facility includes, but is not limited to, a manhole or special structure to facilitate monitoring, inspection, sampling, and flow measurement of the facility's discharge, if applicable.

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- b) Consistent with Section II-603(a), the Industrial User shall provide the following technical information to the Control Authority:
 - A drawing or sketch showing all sewer connections and sampling manholes by the size, location, elevation, and points or places of discharges into the POTW; and
 - 2) A flow schematic showing (i) the connections receiving each national categorical process wastestreams, (ii) connections receiving other process wastestreams, storm water, sanitary water or Cooling Water, and (iii) any conveying a combined wastestream; and
 - 3) A sampling plan in accordance with section II-603 above;
 - 4) Where flow-proportional composite sampling is performed on-site, information describing the Industrial User's flow monitoring instruments, including make and model number; recording devices used, including make and model number; and must include a non-resettable flow totalizer; and
 - 5) Where flow-proportional composite sampling is performed on-site, the specific criteria for sampling is described in Chapter VI of these rules shall also be followed.
- c) In the event the Control Authority determines that the monitoring facility identified in the permit application is inadequate, or fails to include Wastewater regulated under these rules, a new monitoring facility must be identified, or provided by the Industrial User, which shall allow for collection of a representative sample of the Wastewater discharged from the facility, by serving written notice to the Industrial User.
- d) The sampling and monitoring facility should be situated on the Industrial User's premises in a location readily accessible to the Control Authority. There shall be ample room in or near such sampling or monitoring manhole or facility to allow accurate sampling and preparation of samples for analysis. The facility and any permanently installed sampling and measuring equipment shall be maintained at all times in a safe and proper operating condition at the expense of the Industrial User.
- e) When such a location would be impractical or cause undue hardship to the Industrial User, the Industrial User may seek approval for the facility to construct the sampling manhole in the public streets, or sidewalk area when there is room and the location will not be obstructed by landscaping or parked vehicles. It shall be the responsibility of the Industrial User to obtain any necessary approvals which may be required from other government entities for the location and construction of monitoring facilities. Whether constructed upon public or private property, the sampling and monitoring facilities shall be provided in accordance with all applicable local construction standards and specifications.
- f) The sampling and monitoring facility shall be properly operated, kept clean, and maintained in good working order at all times. The failure of an Industrial User to keep its monitoring facility in good working order shall be grounds for the Control Authority to issue a written finding that sample results are unrepresentative of the Industrial User's discharge.

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Article VII WASTEWATER DISCHARGE PERMITS & OTHER CONTROL MECHANISMS Section II-701. Survey, Permit Applications and Baseline Monitoring Reports

- a) Duty to apply. No User may discharge Wastewater, other than Domestic Sewage, without receiving authorization from the Control Authority. Any new or existing User who has not obtained authorization for discharge shall comply with the following:
 - 1) Any new or existing User, who does not have an effective Wastewater discharge permit but meets the definition of a Significant Industrial User after the effective date of these rules, is required to submit a complete permit application in accordance with Section II-703, to the Control Authority and obtain a Wastewater discharge permit for its discharge. The permit application must be provided by a new User at least ninety (90) days prior to the commencement of any discharge; or for an existing User (as of the effective date of these rules), within thirty (30) days of the effective date of these rules. A failure to apply is a violation of these rules.
 - 2) Any new or existing Industrial User who performs an operation covered by a National Pretreatment Standard shall file a Baseline Monitoring Report in accordance with Section II-702 to the Control Authority and obtain authorization for its discharge.
 - 3) All other new or existing Users discharging Wastewater, other than Domestic Sewage and Cooling Water, must file a survey application and receive authorization from the Control Authority for its discharge.
 - 4) Users who have previously filed a survey, permit application, or Baseline Monitoring Report with the Detroit Water & Sewerage Department or GLWA prior to the effective date of these rules and have received an effective Wastewater Discharge Permit or Letter of Authorization, are not required to resubmit their survey, permit application, or Baseline Monitoring Report.
- b) The Control Authority may require any User to complete a survey or permit application to determine whether the User is a Significant Industrial User or is subject to other regulatory requirements (described in Chapter III, IV, or VII). Users shall comply within thirty (30) days of receiving written notice. Failure of the Control Authority to so notify a User, shall not relieve the User of its duty to obtain a wastewater discharge permit as required by these rules.
- c) Upon receipt of any survey, permit application, or Baseline Monitoring Report, the Control Authority shall notify the User that:
 - 1) The User is not authorized to discharge. The notice will be in writing and shall indicate what additional information, pretreatment facilities, monitoring facilities or other requirements are necessary for authorization;
 - 2) The User is a Significant Industrial User and is authorized to discharge, conditioned upon issuance of a Wastewater discharge permit or other control mechanism; or
 - 3) The User is not a Significant Industrial User and is authorized to discharge as a Minor User under a Wastewater authorization letter.

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Section II-702. Baseline Monitoring Report Requirements

- a) Within one hundred eighty (180) days after the effective date of a Categorical Pretreatment Standard, or one hundred eighty (180) days after the final administrative decision made upon a category determination submission under Section 40 CFR 403.6(a)(4), whichever is later, existing Industrial Users subject to such Categorical Pretreatment Standards and currently discharging into or scheduled to discharge into the POTW, shall submit to the Control Authority, a report containing the information listed in 40 CFR 403.12(b)(1-7).
- b) At least ninety (90) days before commencement of any discharge, each new source and any existing sources that become Industrial Users after the promulgation of an applicable Categorical Pretreatment Standard, shall submit to the Control Authority, a report which contains the information listed in 40 CFR 403.12(b)(1-5). In such report, new sources shall include information concerning the method of pretreatment that the source intends to use to meet applicable Categorical Pretreatment Standards. New sources shall provide estimates of the information requested in 40 CFR 403.12(b)(4) and (5).
- c) The USEPA has established regulations at 40 CFR 405 through 471, National Categorical Pretreatment Standards applicable to specific industrial activities. The Control Authority adopts these by reference, as listed in Appendix A, of these rules.
 - Any Industrial User subject to a National Categorical Pretreatment Standard, or any Industrial User
 who becomes subject to a new or revised National Categorical Pretreatment Standard, shall apply
 for a Wastewater discharge permit within ninety (90) days after the promulgation of the applicable
 National Categorical Pretreatment Standard, unless an earlier date is specified or required by 40
 CFR 403.12(b).
 - 2) The Control Authority may require any Industrial User to complete a Baseline Monitoring Report to determine whether the Industrial User performs an operation described by a National Categorical Pretreatment Standard. The Industrial User shall provide information demonstrating that it does not perform an operation described by a National Categorical Pretreatment Standard or provide a Baseline Monitoring report within thirty (30) days of being so notified.
 - 3) New Sources. Industrial Users who meet the New Sources criteria shall install, maintain in operating condition, and "startup" all Pollution control equipment required to meet applicable Categorical Pretreatment Standards and requirements before beginning to discharge. Within the shortest feasible time and not to exceed ninety (90) days, new sources must meet all applicable Categorical Pretreatment Standards.

Section II-703. Contents of Survey or Permit Application

- a) In support of a survey, permit application or re-application, the User shall submit, in units and terms appropriate for evaluation, the following information:
 - 1) Corporate or individual name, any assumed name(s), address, and location of the discharging facility;

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- 2) Name and title of the Authorized Representative of the User who shall have the authority to bind the User financially and legally. Where the Authorized Representative is represented by an agent, the authorized representative shall also identify the agent and any applicable limitations or restrictions of their agency;
- 3) The Standard Industrial Classification codes of all processes at this location according to the Standard Industrial Classification manual, issued by the Executive Office of the President, Office of Management and Budget, 1987, or the equivalent based upon the North American Industrial Classification System (NAICS), as amended;
- 4) Actual or proposed Wastewater constituents and characteristics for each parameter listed in the permit application form. At a minimum, such parameters shall include the applicable Categorical Pretreatment Standards from any applicable National Categorical Pretreatment Standard or any pollutant parameter for which there is a local Pollution discharge limitation; and any other toxic pollutants known or suspected to be present in the discharge, regulated in the previous permit, or specifically requested by the Control Authority. For each parameter, the expected or experienced maximum and average concentrations during a one (1) year period shall be provided;
- 5) For industries subject to National Categorical Pretreatment Standards, the data requested herein shall be separately shown for each categorical process wastestream. Combined wastestreams proposed to be regulated by the combined wastestream formula shall also be identified. Sampling and analysis shall be performed in accordance with procedures established by the USEPA pursuant to 33 U.S.C. 1314(g) and contained in 40 CFR 136, as amended. Where 40 CFR 136 does not include sampling or analytical techniques for the pollutants in question, sampling and analysis shall be performed using validated analytical methods approved by the administrator;
- 6) A listing and description of activities, facilities and plant processes on the premises, and the pollutants associated with each process. Those processes, which are subject to National Categorical Pretreatment Standards, shall be so designated;
- 7) A listing of raw materials and chemicals which are either used in the manufacturing process or could yield pollutants requiring pretreatment prior to discharge to the Sewerage System. Any User claiming immunity from having to provide such information for reasons of national security shall furnish acceptable proof of such immunity;
- 8) A description of typical daily and weekly operating cycles for each process in terms of starting and ending times for each of the seven (7) days of the week;
- 9) Information on the average and maximum twenty-four (24) hour wastewater flow rate based on actual measurements, or estimated and the means of estimation, of (i) each process wastestream subject to a National Categorical Pretreatment Standard, (ii) each process wastestream not subject to a National Categorical Pretreatment Standard, (iii) non-process wastestreams including but not limited to Cooling Water, sanitary water, or any other Wastewater. This information shall include

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any applicable daily, monthly or seasonal variations for each wastestream;

- 10) Each combined wastestream, specifying the flow rate of regulated, unregulated and diluting wastestreams;
- 11) A drawing showing all sewer connections and sampling manholes by the size, location, elevation and points or places of discharges into the POTW; also a flow schematic showing which connections receive each national categorical process wastestream and which connections receive Storm Water, sanitary water or Cooling Water; also show which lines handle each combined wastestream:
- 12) The rate of production as pertains to processes subject to production-based limits under the National Categorical Pretreatment Standards;
- 13) A statement regarding whether or not the requirements of these rules and of the National Categorical Pretreatment Standards and requirements are being met on a consistent basis and, if not, what additional operation and maintenance work and/or additional construction is required for the Industrial User to meet the applicable standards and requirements. This statement shall be reviewed and signed by the Authorized Representative and, as appropriate, certified by a qualified professional;
- 14) Basic information on the program for the prevention of accidental discharges;
- 15) Proposed or actual hours of operation of each pretreatment system for each production process;
- 16) A schematic and description of each pretreatment facility which identifies whether each pretreatment facility is of the batch type or continuous process type;
- 17) The source of any intake water if other than through the GLWA and the basis for measurement;
- 18) The volume of any discharge water other than potable water obtained through any source and the basis of measurement;
- 19) If additional construction and/or operation and maintenance procedures will be required to meet the requirements of these rules and the National Categorical Pretreatment Standards, the shortest schedule by which the Industrial User will provide such additional construction and/or implement the required operation and maintenance procedures;
- 20) Identify whether the Industrial User has conducted a waste minimization assessment or audit of its operations in order to identify all feasible source reduction and recycling practices that may be employed to reduce or eliminate the generation of pollutants and other wastes at the facility; and
- 21) Any other information as may reasonably be required to prepare and process a Wastewater discharge permit.

Section II-704. Permit Issuance

Upon receipt of any survey, permit application, or Baseline Monitoring Report, the Control Authority shall review the information and advise the User of:

a) The User does not meet the definition of a Significant Industrial User and is authorized to discharge as

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a Minor User under a Wastewater authorization letter; or

- b) The User meets the definition of a Significant Industrial User and is authorized to discharge under a Wastewater discharge permit or other control mechanism; or
- c) The User meets the definition of a Significant Industrial User and is conditionally authorized to discharge under an administrative order including schedules for additional information, pretreatment facilities, monitoring facilities or other requirements are necessary for processing a Wastewater discharge permit; or
- d) The User is not authorized to discharge. The Control Authority may withhold issuance of a permit to a Significant Industrial User, which has not submitted an adequate or timely report, or permit application, to the control authority in accordance with the reporting requirements of 40 CFR 403.12, or whose discharge is in violation of these rules. The failure of the Industrial User to cease discharging following notification shall be considered a violation of these rules.
- e) Procedure for Permit Issuance. Only one (1) facility location shall be included in each permit. If the Control Authority determines that the User meets the definition of a Significant Industrial User, is required to have a Wastewater discharge permit, and has evaluated and accepted the data furnished, the Significant Industrial User will be notified by U.S. mail, using certified mail.
 - 1) Draft Wastewater Discharge Permit. The notification shall contain a copy of the draft permit, so marked, for review. A Significant Industrial User has thirty (30) days from the date of mailing to file comments and/or a response to the draft permit. The Control Authority will evaluate the comments and response to the draft permit and consider them for inclusion in a final Wastewater discharge permit.
 - 2) Final Wastewater Discharge Permit. Following expiration of the thirty (30) day comment period, or consideration of any comments or responses made, the Control Authority shall prepare a Final Wastewater discharge permit. The Final Wastewater discharge permit will be transmitted by U.S. Mail. The Significant Industrial User has twenty (20) days from the date of mailing to file a request for reconsideration and/or appeal hearing in accordance with Chapter VIII. During the appeal process, the SIU will comply with all uncontested terms or conditions which shall be in full force and effect. Upon disposition of any contested terms or conditions, the Wastewater discharge permit shall be issued as final.

Section II-705. Types and Contents of Wastewater Discharge Permits

- a) The Control Authority shall develop Wastewater discharge permit formats meeting the needs of Significant Industrial Users as well as the special Wastewater sources discharging to the Sewerage System. Such formats include, but are not limited to, general permits for multiple location facilities, special discharge permits, and unloading permits for hauled-in wastes and Wastewater.
- b) Every Wastewater discharge permit shall contain all requirements of 40 CFR 403.8(f)(1)(iii) and shall be deemed to incorporate all provisions of these rules, other applicable laws, rules, regulations, and

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charges and fees established by the Control Authority without repetition therein.

- c) A Wastewater discharge permit may also contain the following:
 - 1) The Wastewater discharge permit shall specify the wastes and Wastewaters which the Control Authority authorizes an Industrial User to discharge to the Sewerage System; and identify any wastes or Wastewater for which the request to discharge is denied; and the wastes and Wastewater requiring imposition of special conditions in order to comply with the permit.
 - Limits on the average and maximum Wastewater constituents or characteristics which are
 equivalent, more restrictive than, or supplemental to the numeric limits enumerated in these rules,
 or the applicable National Categorical Pretreatment Standards;
 - Limits on average, and/or maximum rate and time of discharge or requirements for flow regulation and equalization;
 - ii. Limits on the average volume, and/or maximum volume of Wastewater that is authorized for discharge. The ratio of average to maximum volume shall not exceed three (3), except where seasonal variations of the average and/or maximum volume are noted in the permit;
 - iii. Requirements for installation, operation, and maintenance of discharge sampling manholes and monitoring facilities by the Significant Industrial User;
 - iv. Restrictions on which of the Significant Industrial User's discharge wastestreams are to be allowed to be discharged at each point of connection to the POTW;
 - Specifications for Significant Industrial User monitoring programs which may include sampling locations, frequency and type of sampling, number, types and standards for tests and reporting schedules;
 - vi. Requirements for the prevention of accidental discharges and the containment of spills or Slug discharges;
 - vii. Restrictions based on the information furnished in the application;
 - viii. Additional reporting requirements:
 - a. All permittees shall submit a report on the form prescribed by the Control Authority, or on an alternative form approved by the Control Authority, indicating the status of compliance with all conditions enumerated or referred to in the Wastewater discharge permit, or made applicable to the permit by these rules. Unless required more frequently, the reports shall be submitted on a periodic basis (generally six months), on a schedule to be established by the Control Authority. Analytical data generated by the Control Authority shall not be submitted in lieu of the facility's own self-monitoring data as required by the Wastewater discharge permit.
 - b. The report shall show the concentration of each substance for which there is a specific limitation in the permit. The report will include all calculations necessary to demonstrate compliance with any 4-day, 30-day or monthly average, or mass

limitation that may be included in the permit.

- c. Permittees subject to National Categorical Pretreatment Standards shall submit compliance reports at the times and intervals specified by federal regulations and by the Control Authority. A compliance report shall be submitted to the Control Authority no later than ninety (90) days following the final compliance date for a National Categorical Pretreatment Standard, or in the case of a New Source, no later than ninety (90) days, following commencement of the introduction of wastewater into the POTW, and in accordance with 40 CFR 403.12(d).
 - A ninety (90) day report shall also be provided where the facility's treatment system(s) are upgraded, modified or replaced so as to demonstrate compliance with applicable limitations.
- d. A report on continued compliance shall be submitted at six-month intervals thereafter on the schedule established by the Control Authority and incorporated into the Significant Industrial User's discharge permit. The reports shall be either on a form prescribed by the Control Authority or on an alternative form approved by the Control Authority, and shall indicate the nature and concentration of all pollutants in the discharge from each regulated process which are limited by National Categorical Pretreatment Standards, or which there is a specific limitation in the permit, or which may be identified by the Control Authority. The report shall include a record of measured or estimated average and maximum daily flows for the reporting period for the discharges regulated by the permit. The combined wastestream formula may be used for reporting purposes after the initial information has been furnished to the Control Authority, provided there have been no changes to the elements composing the combined wastestream.
- e. Reports shall contain the results of representative sampling performed during the period covered by the report and of the discharge and analysis of pollutants contained therein, and, for Significant Industrial Users subject to production based standards, shall be cross-referenced to the related flow or production and mass as required to determine compliance with the applicable pretreatment standards. The frequency of monitoring shall be as prescribed in the applicable general pretreatment regulations, being 40 CFR 403, or by the Control Authority, but no less than is necessary to assess and assure compliance by the Significant Industrial User with the most stringent applicable pretreatment standards and requirements. All sampling and analysis shall be performed in accordance with applicable regulations contained in 40 CFR 136 and amendments thereto. Where 40 CFR 136 does not include sampling or analytical techniques for the pollutants in question,

- sampling and analysis shall be performed using validated analytical methods approved by the Administrator.
- f. If any Significant Industrial User monitors any pollutant more frequently than required by the Control Authority, collects the sample(s) at monitoring locations specified in the wastewater discharge permit, and analyzes such samples using approved analytical procedures, the results of this monitoring shall be included in such report.
- g. The report shall state whether the applicable pretreatment standards are being met on a consistent basis and, if not, what additional operation and maintenance practices and/or pretreatment system improvements or changes are necessary to bring the Significant Industrial User into compliance with the applicable pretreatment standards.
- h. All Significant Industrial Users shall include the following certification statement with the periodic (six-month) report: "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 a fine and/or imprisonment for knowing violations." Said certification shall be signed by the facility's Authorized Representative. If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of the Authorized Representative must be submitted to the Control Authority prior to, or together with, any reports to be signed by an Authorized Representative.
- i. If sampling performed by a permittee indicates a violation, the Significant Industrial User shall notify the Control Authority within twenty-four (24) hours of the time said Significant Industrial User knows, or should have known, of the violation. In addition, the Significant Industrial User shall repeat the sampling and analysis, and submit the results of the repeat analysis to the Control Authority within thirty (30) days after said Industrial User becomes, or should have become, aware of the violation in accordance with its Wastewater discharge permit.

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d) In the event the Control Authority determines that any Significant Industrial User is discharging

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substances in quality, quantity or at locations which may cause problems to the POTW, or the receiving stream, the Control Authority has the authority to develop and enforce effluent limits applicable to the Significant Industrial User. To the extent the Control Authority seeks to impose restrictions in a permit which are more restrictive than established in these rules, the Control Authority shall provide written documentation to explain its rational basis for the greater restriction, or protection against pass through, interference, or violation of the NPDES permit, to the Significant Industrial User;

- e) Requirement for pollution prevention plan initiatives or Best Management Practice Plans; and
- f) Other requirements reasonably necessary to ensure compliance with these rules.

Section II-706. Permit Duration, Notification of Changed Conditions, Modification and Transfer

- a) Permit duration. Any permit issued by the Control Authority shall be issued for a specified time period, but in no case shall a permit have a term greater than five (5) years. The effective date and the expiration date shall be included in every permit issued by the Control Authority.
- b) Notification of Changed Conditions. It is the duty of each Significant Industrial User to promptly notify the Control Authority of (i) material or substantial changes to its facility or operation, (ii) substantial change in the volume of Wastewater discharged, or (iii) changes in the characteristics of its effluent, including the listed or characteristic Hazardous Wastes for which initial notification under 40 CFR 403.12(p) has been made. The Significant Industrial User shall notify the Control Authority by filing a completed permit application form at least thirty (30) calendar days prior to the change identifying the changes and including supporting documentation. The Control Authority will evaluate the permit application in accordance with sub-paragraph (d) below. The failure of the Significant Industrial User to so apply shall be considered a violation of these rules.
- c) Finding of Changed Conditions. Where the Control Authority finds or discovers (i) material or substantial changes to a Significant Industrial User's facility or operation, (ii) substantial change in the volume of Wastewater discharged, or (iii) changes in the characteristics of its effluent, including the listed or characteristic Hazardous Wastes for which initial notification under 40 CFR 403.12(p), it shall require the Significant Industrial User to provide a permit application and supporting documentation within 30 days. The Control Authority will evaluate the permit application in accordance with subparagraph (d) below. The failure of the Significant Industrial User to so apply shall be considered a violation of these rules.
- d) Permit modification. The terms and conditions of the permit may be subject to modification and amendment by the Control Authority during the term of the permit. The modification may be based upon information provided by the Significant Industrial User or discovered by the Control Authority, which includes:
 - 1) A permit application provided in accordance with Section II-706. Sub-paragraph b or c;
 - 2) Changes in the monitoring location or method of sampling;
 - 3) Typographical errors or omissions discovered in permits;

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- Amendments or changes to the limitations or pretreatment standards and requirements identified in Section II-204;
- 5) Material or substantial changes to a Significant Industrial User's facility or operation, or changes in the characteristics of its effluent.
- 6) A Significant Industrial User's noncompliance with portions of an existing permit;
- 7) A finding of interference or pass through attributable to the Significant Industrial User;
- 8) A change of conditions within the POTW;
- 9) Embodiment of the provisions of a legal settlement or of a court order;
- 10) Change(s) in the Control Authority's NPDES permit;
- 11) Any changes necessary to fulfill the Control Authority's role under federal or state law;
- 12) Amendments to, or promulgation of, national categorical pretreatment standards or requirements including 40 CFR 403 and those delineated in Appendix A of these rules.
- e) Permit modification Procedure. The Control Authority shall inform the Significant Industrial User of any proposed change in its permit. The Control Authority will issue a draft permit using certified mail and provide the Significant Industrial User thirty (30) days to file a response to the draft modified permit. Thereafter, the Control Authority will issue a final permit and, unless appealed, the permit will become effective twenty (20) days after issuance.
- f) Permit custody and transfer. Wastewater discharge permits are issued to a specific person as defined herein for a specific discharge. A Wastewater discharge permit shall not be reassigned or transferred or sold to a different person, new owner, new Significant Industrial User, different premises, or a new or changed operation without notice to and written approval of the Control Authority and providing a copy of the existing permit to the new owner or operator. It shall be the permit holder's duty to notify the Control Authority of any such change at least thirty (30) days before the date of the change. Wastewater discharge permits, which do not receive the written approval of the Control Authority prior to the change, shall be null and void regardless of reassignment, or transfer, or sale. If it determines that an unreported change has occurred, the Control Authority may revoke a permit. If a change takes place, the Control Authority may require the application for a new or modified permit. Any succeeding person shall comply with the terms and conditions of any existing permit which the Control Authority allows to be retained.

Section II-707. Permit Re-application.

A Significant Industrial Users whose Wastewater discharge permit is expiring apply for reissuance of the permit by submitting a complete permit re-application form a minimum of ninety (90) days prior to the expiration date of its existing permit. The permit re-application form shall include all information specified in Section II-703, which includes, but is not limited to, updates and re-certification of the spill or Slug control plans, updates to the 40 CFR 403.12(p) Hazardous Waste notifications, and for a Centralized Waste Treatment Facility, the current equivalent treatment study or treatment statement in accordance with Section

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II-506. The evaluation and review of a permit re-application by the Control Authority will be *de novo*, and in accordance with Section II-705.

- a) Where a Significant Industrial Users has submitted a complete and timely re-application form, the existing permit shall be automatically extended until a permit is issued as final by the Control Authority.
- b) Where a Significant Industrial Users has not submitted a complete or timely re-application form, the Control Authority may issue an administrative order authorizing the discharge for a period not to exceed six (6) months.
- c) Where a Significant Industrial Users fails to submit a permit re-application, or submits the re-application after the permit expiration date, the Wastewater discharge permit will be expired as of the date specified in the permit. The failure of the Significant Industrial Users to so apply shall be considered a violation of these rules.

Article VIII SIGNIFICANT INDUSTRIAL USER REQUESTS

Section II-801: Periodic Compliance Reporting Frequency

- a) Significant Industrial Users may request modification and an offset of the time period included in their periodic compliance report. Example, where a Significant Industrial User is required to submit data on the discharge for a six-month period of January through June, or July through December, the Significant Industrial User may request an offset period of December through May and June through November.
- b) The Control Authority may authorize the modifications requested by the Significant Industrial User as long as it does not violate any federal or state requirement, or court order. When authorized, the Wastewater discharge permit or permit addendum shall be issued by the Control Authority.

Section II-802. Electronic Reporting

The Control Authority may choose to receive electronic documents and notices described in these rules, upon satisfaction of the electronic reporting requirements of 40 CFR 3. The Control Authority will notify Users if electronic (digital) documents can be accepted in accordance with 40 CFR 3, and the specific requirements for submission of such documents. Users that send electronic (digital) documents must satisfy the specific requirements of the Control Authority.

Article IX. PUBLIC INFORMATION AND CONFIDENTIAL INFORMATION

Section II-901. Public information

a) All information and data on any User obtained from a User or created by the Control Authority, from any written reports, questionnaires, permit applications, permits and monitoring programs, and from inspections, or any other sources shall be available to the public or other governmental agencies without restriction unless the User specifically requests and is able to demonstrate that the release of such information would divulge information, processes, or methods of production entitled to protection as confidential information under State law.

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b) Any person may request the above information in accordance with the written procedures and guidelines of the Control Authority found at www.glwater.org.

Section II-902. Confidential information

- a) A User claiming a submission contains confidential information must assert such claim at the time of submission of the information or data; and demonstrate that such information should be held confidential or disclosure would pose a risk to trade secrets or secret processes and mark the information and documentation accordingly. The Control Authority's Office of General Counsel shall determine whether the information requested is to be treated as confidential information and provide their decision in writing.
- b) Where the User has demonstrated that confidential information is present in the submission, those portions of the report shall not be made available for inspection by the public, but shall be made available immediately upon request to governmental agencies for uses related to the NPDES program or pretreatment program, and in enforcement proceedings involving the person furnishing the report.
- c) Wastewater constituents and characteristics and other effluent data, as defined at 40 CFR 2.302, shall not be recognized as confidential information and shall be available to the public without restriction.
- d) A User may appeal the decision of the Control Authority's Office of General Counsel in accordance with the Michigan Freedom of Information Act.

Article X ENFORCEMENT

Section II-1001. Enforcement Response Guide

The Control Authority has developed an enforcement response guide to include a range of enforcement responses available to the Control Authority to effectively enforce the terms and conditions of its rules. The Control Authority shall implement the industrial pretreatment program and enforce these rules in accordance with the enforcement response guide approved by the EGLE.

The Control Authority, using information provided by a User or independently collected by the Control Authority's representative, shall identify any User violating these rules and initiate the remedies enumerated in the enforcement response guide to abate the violation and/or restore the User to a compliant condition through administrative and judicial enforcement remedies authorized by these rules.

Section II-1002. Test of Good Faith Effort

The Control Authority may consider the good faith of a User as a factor in determining the enforcement response(s) to invoke to an incident of noncompliance. The good faith of a User may be established by considering the cooperation and efforts made by a User in achieving and maintaining compliance with these rules; and in the promptness with which a User responds to resolution of an incident of noncompliance. If the User appears to be acting in good faith to comply with the rules, the Control Authority may choose an enforcement action on a more conciliatory level than if the User does not appear to be acting in good faith to comply with the rules.

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Section II-1003. Violations

- a) Violations shall include any act or conduct by a User that includes:
 - 1) The failure of a User to provide a permit application, Baseline Monitoring Report or other application form for any discharge of Wastewater to the Sewerage System prior to the commencement of discharge, whether from a new or existing source;
 - 2) The failure of a User to completely and/or accurately report the Wastewater constituents and/or characteristics of the User's discharge;
 - 3) The failure to report significant changes in the User's operations or Wastewater constituents and/or characteristics within the time frames provided in Section II-706 (b) of these rules;
 - 4) The failure or refusal to grant reasonable access to the User's premises, waste discharge, or sample location for the purpose of inspection or monitoring;
 - 5) Restricting, locking out or preventing, directly or indirectly, access to any monitoring facilities constructed on public or private property. The locking or securing of the monitoring facility shall not constitute a violation pursuant to this subsection, provided, that upon request, reasonable access to the facility is promptly provided to the Control Authority representatives;
 - Restricting, interfering, tampering with, or rendering inaccurate any of the Control Authority's monitoring devices including, but not limited to, samplers;
 - 7) Failing to obtain a Wastewater discharge permit prior to discharging Wastewater to the POTW;
 - 8) Failing to comply with any condition or requirement of the User's Wastewater discharge permit, or other control mechanism;
 - 9) Failing to provide notification of any self-monitoring violation, accidental release, or other notice required under these rules;
 - 10) Failing to comply with any limitation, prohibition, or requirement of these rules, or order issued hereunder. Users acting in full compliance with wastewater discharge permits issued prior to the effective date of these rules shall be deemed to be in compliance with the requirements of these rules, and such permits shall remain in effect and be enforceable under these rules until a superseding permit is effective.
 - 11) Users shall comply with applicable National Categorical Pretreatment Standards on the date specified in the Federal Regulations regardless of compliance schedules.

Section II-1004. Administrative Enforcement Actions

The Control Authority shall initiate the appropriate administrative enforcement action, except in the case of an emergency or a flagrant violation, in order to compel the User to eliminate or to remedy such violation as soon as possible. These administrative enforcement actions include:

a) Notice of Violation - The Control Authority shall take care to enforce these rules and use reasonable efforts of on-site inspections, records review and independent authority monitoring, to identify violations of the rules. Except in the case of an actual or threatened discharge as specified in sub-

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paragraph (g) of this section, whenever the Control Authority has reason to believe that any User has violated or is violating these rules, whether as an individual event or pattern, the Control Authority shall serve a written notice upon such User, stating the nature of the violation including its date, time and place, and the action and/or response required from the User.

b) Issuance of Citation of Violation – The Control Authority is authorized to enforce these rules and issue a citation ticket to any person or User who is reasonably believed to have violated these rules. The following fines are authorized for inclusion with the citation:

			Within a Calendar Year (per violation)	
Violation Type	Criteria	Event	First Violation	Succeeding Violation
Reporting Violation	>45 days after specified due date	Any occurrence	\$ 250.00	\$ 500.00
Notification Violation	>24 hrs beyond specified time	Any occurrence	\$ 100.00	\$ 250.00
Effluent Violation	Pollutant parameter exceeds applicable TRC (See Article XII)	Daily Maximum	\$ 100.00	\$ 250.00
Effluent Violation	Pollutant parameter exceeds applicable TRC (See Article XII)	Monthly Average	\$ 250.00	\$ 500.00
Effluent Violation	Pollutant parameter exceeds applicable chronic criteria (See Article XII)	Daily Maximum	\$ 250.00	\$ 500.00
Effluent Violation	Pollutant parameter exceeds applicable chronic criteria (See Article XII)	Monthly Average	\$ 500.00	\$ 1,000.00
Effluent Violation	Stipulated penalty as part of administrative enforcement	Daily Maximum	\$ 250.00	\$ 500.00
Effluent Violation	Stipulated penalty as part of administrative enforcement	Monthly Average	\$ 500.00	\$ 1,000.00

The Citation shall be in writing and shall specify the date, time and violation alleged, signed by the Control Authority and be served on the Authorized Representative in person or by certified mail. The User may appeal any written citation under the reconsideration and appeal procedures of these rules.

c) Conferences - The Control Authority may order any person, who violates these rules, to attend a conference wherein the Control Authority may endeavor to establish a program wherein the User agrees to eliminate or remedy the violation pursuant to an enforceable compliance schedule. Any notice of violation ordering attendance to a conference, shall be served at least ten (10) days before the scheduled

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conference and shall set forth the date, time, and place thereof. The conference shall be conducted by the Control Authority or its designated representative. The User may present a plan and schedule for achieving compliance with these rules. Nothing contained herein shall require the Control Authority to accept or agree to any proposed plan or schedule, or to prevent the Control Authority from proceeding with a show cause hearing as set forth in subsection (4) of this section. If the attendees agree upon a compliance schedule, the User and the Control Authority may enter, by consent, into a compliance agreement or an administrative order setting forth the terms of such agreement. A User must exhibit good faith and expeditious efforts to comply with these rules and any procedures, requirements, and agreements hereunder.

- d) Compliance schedules The User and the Control Authority may agree upon a schedule which sets forth the terms and conditions, and time periods or schedules for completion of actions to remedy or to eliminate the causes of violation. These schedules may be developed as part of a conference compliance agreement, or administrative consent order. Schedules developed under this subsection shall adhere to the following conditions:
 - 1) 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 upgraded or additional pretreatment facilities, or to the implementation of additional operation and maintenance procedures required for the User to meet the applicable pretreatment requirements and standards including, but not limited to, hiring an engineer, completing preliminary plans, completing final plans, executing contracts for major components, commencing construction, and completing construction;
 - 2) No single increment referred to in subsection (1) of this section shall exceed nine (9) months;
 - 3) 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 Control Authority including, at a minimum, whether it has complied with the increment of progress to be met on such date and, if not, the date which it expects to comply with this increment of progress, the reason(s) for delay, and the steps being taken by the User to return to the established schedule; and
 - 4) Any deviation from the compliance schedule may result in the User being found in violation of these rules or being recommended for an escalated enforcement action.
- e) Administrative orders The Control Authority may order any User, who violates or continues to violate these rules or duly issued permit, to install and to properly operate devices, treatment facilities, or other related appurtenances. In addition, orders may contain such other requirements as might reasonably be necessary and appropriate to address the violation including the installation of pretreatment technology, additional self-monitoring and management practices, implementation of a waste minimization assessment to identify and implement feasible source reduction, and recycling practices to reduce the generation or release of pollutants at the facility. An order may be either an administrative consent

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order, which is the result of an agreement, or a unilateral administrative order.

- f) Show cause hearing Where a conference, compliance agreement or administrative order has not been effective in remedying the violation(s), or are deemed an inadequate response to an actual or threatened discharge to the POTW, the Control Authority may order any User who violates these rules or allows such violation to occur, to show cause why a proposed enforcement action should not be taken.

 A notice shall be served upon the User specifying the time and place of a hearing regarding the violation, and the reason(s) why the show cause action and proposed enforcement action is being taken. The notice of the hearing shall be served personally, or by, registered or certified mail with return receipt requested, at least ten (10) days before the hearing. Service shall be made upon the Authorized Representative, or to its agent.
 - 1) Hearing proceeding. The hearing shall be conducted by the Control Authority's Chief Compliance Officer or his/her designee, who shall serve as hearing officer and conduct the show cause hearing and take the evidence, and may:
 - i) Issue notices of hearing requesting the attendance and testimony of witnesses and the production of evidence relevant to any matter involved in such hearing.
 - ii) Prepare a report of the evidence and hearing, including transcripts and other evidence.
 - iii) Transcript. At any show cause hearing held pursuant to these rules, testimony shall be recorded by a court reporter.
 - 2) Actions. After a show cause hearing has been conducted, the hearings officer shall issue an order directing any of the following actions:
 - i) A finding that the User has demonstrated by a preponderance of the evidence that the violation(s) contained within the show cause notice did not occur;
 - ii) A finding that the User has failed to demonstrate by a preponderance of the evidence that the violation(s) contained within the show cause notice did not occur, and that the following additional actions are required;
 - iii) Immediate compliance with the User's Wastewater discharge permit and/or control mechanism; or with any applicable limitation, condition, restriction or requirement of these rules, or applicable local, state or federal law or regulation;
 - iv) Pretreatment of wastes and Wastewater by installation of adequate treatment equipment, monitoring facilities, or proper operation and maintenance of existing treatment equipment be accomplished within a specified time period;
 - v) Submission of periodic reports on effluent quality and quantity determined by selfmonitoring analysis throughout the final period set by a compliance date;
 - vi) Control of discharge quantities or volumes;
 - vii) Payment of costs for reasonable and necessary inspection, monitoring, and administration of the User's activities by the Control Authority during compliance efforts; and/or

- viii) Any such other orders as are appropriate including, but not limited to, immediate termination of sewer or wastewater treatment services, revocation of a wastewater discharge permit, or orders directing that following a specified time period sewer or Wastewater treatment service will be discontinued unless adequate treatment facilities, devices, or operation and maintenance practices have been employed;
- ix) The User may appeal the decision of the hearing officer in accordance with Chapter VIII.
- g) Emergency suspensions and orders The Control Authority may order suspension of the sewer or Wastewater treatment service and/or a wastewater discharge permit where, in its opinion, such suspension is necessary to stop any actual or threatened discharge which presents or may present an imminent or significant hazard to the health or welfare of persons or to the environment, interferes or may interfere with the POTW, or causes or may cause the Control Authority to violate any condition of its NPDES permit. Any person notified of a suspension of the sewer or wastewater treatment service and/or the wastewater discharge permit shall immediately stop or eliminate the contribution.
 - 1) In the event the Control Authority provides verbal notification under this section, written confirmation providing a detailed written statement from the Control Authority and the basis of its findings in support of its order to suspend contributions by the User, within twenty-four (24) hours of such action, and include the specific recourse available to the User. In any event, the written confirmation order shall provide the User with an opportunity for a hearing before the Control Authority, or its designated representative, within ten (10) days of such action. The User shall submit a detailed written statement at the hearing describing the causes of the harmful contribution and the measures taken to prevent any future occurrence, or, if the hearing has been waived, a report describing the causes of the harmful contribution and the measures taken to prevent any future occurrence shall be provided to the Control Authority within fifteen (15) days of the written confirmation order. Upon proof of elimination of the noncomplying discharge, the Control Authority shall reinstate the Wastewater discharge permit and/or the sewer or Wastewater treatment service.
 - 2) In the event of a failure of the person to comply voluntarily with any suspension or revocation order, the Control Authority shall take such judicial enforcement actions as deemed necessary, including immediate severance of the sewer connection or services, to prevent or minimize damage to the POTW system or danger to any individual or the environment.
 - 3) Where the Control Authority has issued a show cause order, or hearing decision in paragraph (g)(1) above, calling for the suspension of the sewer or Wastewater treatment service and/or a wastewater discharge permit, and where the Control Authority has not reinstated the wastewater discharge permit and/or the sewer or wastewater treatment service, the User may exercise the appeal provision in Chapter VIII. The Show Cause order and the hearing transcript and report shall substitute for the Reconsideration statement requirement of Chapter VIII of

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these rules.

Section II-1005. Judicial Enforcement Actions

Where administrative enforcement actions have been unable to eliminate or to remedy the violation(s) or where in the case of emergency or flagrant violation, the Control Authority determines that the enforcement action should be escalated to compel the User to eliminate or to remedy such violation as soon as possible, the following judicial enforcement actions are authorized:

a) Civil action: Whenever the Control Authority has reasonable grounds to believe that a User is violating, or has violated, a provision of its wastewater discharge permit, a pretreatment standard or requirement or any requirement of these rules, including the failure to pay any fee, fine, charge or surcharge imposed hereby, the Control Authority may commence a civil action to compel compliance in a court of competent jurisdiction to enjoin the User from discharging, and/or to obtain appropriate legal and/or equitable relief to remedy the violations and impose the fees, fines, charges and surcharges requested. The commencement of a suit neither constitutes an exclusive election of remedies nor prohibits the Control Authority from commencing action in federal court for discharges believed to be in violation of these rules, state and federal requirements contained in the Clean Water Act, the NPDES permit, or other applicable laws or requirements. In addition, the Control Authority may recover the reasonable attorney fees, court costs, court reporters' fees, and other unusual expenses related to enforcement activities or litigation against the person found to have violated these rules, or the orders, rules, regulations and permits issued hereunder.

b) Criminal action:

- 1) Any User, who knowingly makes any false statement, representation of certification, is guilty of a misdemeanor, punishable by imprisonment for not more than ninety (90) days, or a fine of not more than \$500.00, or both. Each violation constitutes a separate and distinct offense.
- 2) Any User, who knowingly tampers with or alters a monitoring device or process, causing inaccurate readings or results, is guilty of a misdemeanor, punishable by imprisonment for not more than ninety (90) days, or a fine of not more than \$500.00, or both. Each violation constitutes a separate and distinct offense.
- 3) For all other violations of a rule or regulation adopted and promulgated herein, a User shall be punished by a civil fine not to exceed one thousand dollars (\$1,000.00) for each violation per day.
- 4) The Control Authority is hereby authorized, through its general counsel, to seek prosecution of criminal charges against any person violating any provision of these rules.
- c) Any fines, costs, and penalties which are imposed by any court of competent jurisdiction shall be payable to the Control Authority.

Section II-1006. Supplemental Enforcement Actions

a) Pollution Prevention Plans and Best Management Practice Plans. The Control Authority may require a
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User to develop and implement pollution prevention plans or Best Management Practice Plans, designed to eliminate or reduce pollutant contributions beyond the levels required by these rules. Where required, the plans shall be incorporated into a modified or revised Wastewater discharge permit; and include a schedule for periodically reporting implementation progress and results for the plan(s).

- b) Local Pollutant Discharge Limitations for Total PCB. In the event where one (1) or more of the measurements taken for Total PCB during a six (6) month period exceeds by any magnitude the method detection level of 0.2 ugms/l, the Control Authority may require a User to develop and implement Pollution prevention plan initiatives or a BMP, as part of its response to the exceedance. Upon acceptance of the Pollution prevention plan initiatives or BMP, the Control Authority will recognize continued performance under the Pollution prevention plan initiative or BMP as continued compliance. Upon approval of the Control Authority, these Pollution prevention plan initiatives or BMPs, shall be made an enforceable part of the Wastewater discharge permit.
- c) Local Pollutant Discharge Limitations for Mercury (Hg). In the event where one (1) or more of the measurements taken for Hg during a six (6) month period exceeds by any magnitude the limitation of 10 ugms/l, the Control Authority may require a User to develop and implement Pollution prevention initiatives or a BMP, as part of its response to the exceedance. Upon acceptance of the Pollution prevention plan initiatives or BMP, the Control Authority will recognize continued performance under the Pollution prevention plan initiatives or BMP as continued compliance. Upon approval of the Control Authority, these Pollution prevention plan initiatives or BMPs, shall be made an enforceable part of the Wastewater discharge permit.

d) PFAS Compounds:

- General Requirement: Any User who manufactured PFAS Compounds; previously used, currently
 uses, or plans to use materials containing PFAS Compounds; and who has a discharge of wastes
 and Wastewaters to the POTW, shall be required to develop, submit and implement plans for the
 reduction and elimination of the PFAS Compounds.
 - Plans shall be submitted to the Control Authority and shall include, but not limited to, monitoring, treatment, product substitutions, BMP or other management protocols, that the User will implement.
 - (1) For existing Users, these plans shall be submitted to the Control Authority within ninety (90) days of the effective date of these rules;
 - (2) For Users initiating discharge after the effective date of these rules, these plans shall be submitted to the Control Authority within ninety (90) days of the commencement of discharge to the POTW.
 - (3) Any monitoring program shall be conducted in accordance with sample collection methods defined by the EGLE or USEPA and analyzed in accordance with 40 CFR 136 or other

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approved methods recognized by the State of Michigan; or where USEPA or the State of Michigan has not established sample collection methods or approved analytical methods in 40 CFR 136, the methods shall be specified by GLWA.

- ii) The Control Authority may require any User to conduct discharge monitoring; or the development and implementation of additional source reduction, control and elimination actions for PFAS Compound through a Wastewater discharge permit or equivalent control mechanism.
- iii) This paragraph shall not apply to facilities classified as a Centralized Waste Treatment Facility or any active/inactive landfill.
- iv) This paragraph does not apply to domestic sources or activities involving commercial maintenance activities for carpet & upholstery cleaning.
- 2) Centralized Waste Treaters & Landfills: Any Centralized Waste Treatment Facility or an active/inactive landfill who either (i) accepts wastes and Wastewater containing PFAS Compounds for treatment and/or disposal, or (ii) who identifies PFAS Compounds in any wastes or Wastewaters received in accordance with paragraph II-1006-d)(2)(i), or (iii) who becomes or is made aware of PFAS Compounds present in the wastes and Wastewaters from any source, and discharges to the POTW, or (iv) who is notified by the Control Authority that its discharge contains PFAS Compounds; shall, develop, submit and implement a comprehensive "PFAS Compound Program" describing methods and procedures to identify, control, reduce, dispose of, eliminate and/or treat wastes and Wastewaters containing PFAS Compounds. At a minimum, the PFAS Compound Program shall include the following information, as appropriate:
 - i) The PFAS Compound Program must describe the method(s) and procedures used for <u>screening</u> and <u>monitoring program</u> for PFAS Compounds that may be present in any wastes or Wastewaters received for treatment or disposal.
 - (a) Any monitoring program shall be conducted in accordance with sample collection methods defined by the EGLE or USEPA and analyzed in accordance with 40 CFR 136 or other approved methods recognized by the State of Michigan; or where USEPA or the State of Michigan has not established sample collection methods or approved analytical methods in 40 CFR 136, the methods shall be specified by GLWA.
 - (b) The screening and monitoring program shall include a protocol for notifying the Control Authority when wastes and Wastewaters containing PFAS Compounds are identified;
 - (c) All results and information from the screening and monitoring program shall be available to the Control Authority and copies of such information shall be made available upon written request.

- ii) The PFAS Compound Program must describe the waste and Wastewater treatment or disposal protocols and practices used, and any disposal and/or treatment technologies used to remove and/or treat wastes and Wastewaters containing PFAS Compounds.
 - (a) This information shall be supported by technical documentation defining the effectiveness of such treatment protocols and/or practices used, including the removal efficiency based on mass loadings (lbs) of PFAS Compounds before and after treatment, and account for dilution effects resulting from the combination of other waste streams, if applicable. Such demonstration may be made through bench-scale testing or site-specific data. Where site-specific data is used, a minimum of one (1) week of data must be collected.
 - (b) The facility shall assess or re-assess, the removal efficiency of its operations for PFAS Compounds at least annually;
- iii) The PFAS Compound Program must describe a self-monitoring program acceptable to the Control Authority. This self-monitoring program shall include the discharge to the POTW and may include samples within the treatment process. The self-monitoring program shall identify the sampling protocols and methods of analysis used, and the authority for such methods or analysis (if other than the State of Michigan or USEPA).
- iv) The PFAS Compound Program must describe a Recordkeeping Program that at a minimum, documents the volume(s) of PFAS Compounds wastes and Wastewaters received; the mass of PFAS Compounds in pounds received by the facility and any mass (in pounds) removed by treatment, discharged to the POTW and disposed of through any other off-site source. Such information shall be summarized for each calendar month and submitted to the Control Authority by the 10th of the succeeding month.
- v) The PFAS Compound Program may include BMP or other management protocols that will be used to control, reduce or eliminate PFAS Compounds from their discharge. Where a User develops BMP or other management protocols, it may submit such plans to the Control Authority for acceptance and incorporation into the facility's Wastewater discharge permit.
- vi) The requirements of subparagraphs (i) (v) shall be submitted as a Material and Substantial change and request for Permit Modification within ninety (90) days of the effective date of these rules or ninety (90) days from the commencement of discharge.
- vii) The Control Authority may require any Centralized Waste Treatment Facility or an active/inactive landfill to conduct discharge monitoring; or to develop a PFAS Compound Program; or the development and implementation of additional source reduction, control and elimination actions for PFAS Compound through a Wastewater discharge permit or equivalent control mechanism.

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Following acceptance of the facility's PFAS Compound Program, the Control Authority shall review and incorporate its PFAS Compound Program into a Wastewater discharge permit or equivalent control mechanism, as an enforceable part of the permit.

- 3) Perflourochemical Fire-fighting Foams and Agents Any user who stores or uses Firefighting foams using Perflourochemicals with a carbon chain of 6 or more, shall develop and implement the following plans:
 - i) Specific reference and controls for contained in a spill/Slug control plan and submit this to the Control Authority. At a minimum, such plans shall identify areas where the Fire-fighting Foams and Agents would be contained and have no potential to reach a drain or sewer; and areas that are not contained and have a potential to reach a drain or sewer and Such plans shall be reviewed and updated as necessary but shall not exceed three (3) years.
 - ii) <u>Training Operations and Exercises</u> Plans for the proper use and storage and use of firefighting foams during the exercise and shall employ best environmental and public health practices for the use of Perflourochemicals Fire-fighting Foams and Agents in training including but not limited to containment, and proper disposal.
 - iii) <u>Fire or Emergency Events</u> (Potential to drain to sewer) For those areas where there is a potential for the Fire-fighting Foam and Agents to reach a drain or sewer, *the User shall* provide notice to the POTW within forty-eight (48) hours of a Fire or other emergency event where Perflourochemical Fire-fighting Foams and Agents were used including:
 - (1) Purpose for use of foam or agent;
 - (2) Physical address where foam or agent was used;
 - (3) Actual or estimated quantities of foam or agent concentrate used and quantity of water used to produce foam
 - (4) Name(s) of water bodies potentially affected by foam and agent or other firewater to storm or combined sewer
 - (5) Practices employed for cleanup and disposal of materials contaminated by the foam or firewater.
 - iv) Fire or Emergency Events (No potential to drain to sewer) For those areas where there is no potential for the Fire-fighting Foam and Agents to reach a drain or sewer, the User shall collect, clean-up and dispose of the Fire-fighting Foam and Agents and any fire-fighting water, in accordance with their BMP. A report shall be provided to the POTW addressing the completion of the clean-up and disposal of the materials within 5-days of the event and, as applicable, include a schedule for completion of the clean-up and disposal.
 - v) A BMP or other management program shall be established and implemented for the collection and disposal of Perflourochemical Fire-fighting Foams and Agents with a carbon chain of six

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or greater. The plan shall include any efforts to identify alternative products.

vi) Any monitoring program shall be conducted in accordance with sample collection methods defined by the EGLE or USEPA and analyzed in accordance with 40 CFR 136 or other approved methods recognized by the State of Michigan; or where USEPA or the State of Michigan has not established sample collection methods or approved analytical methods in 40 CFR 136, the methods shall be specified by GLWA.

Copies of these plans shall be submitted to the Control Authority within ninety (90) days of the effective date of these rules.

- 4) The GLWA may assign any User who has previously used or received, or will use or receive PFAS Compounds, to a User Class for reimbursement of costs incurred by GLWA to monitor and enforce this requirement, and for which the Board determines costs should be assigned.
- 5) The GLWA reserves the right to take enforcement action for any violations as described in Section II-1003, and as described in Sections II-1004 and II-1005.
- f) The Control Authority may require any User to implement Pollution prevention plan initiatives, or BMP, as part of an enforcement response, or as necessary to comply with its NPDES permit.
- g) A User may seek to terminate a BMP when it has demonstrated compliance for a twelve (12) month period supported by a minimum of four (4) analytical test results and a report describing the management and operating procedures used to support the compliance status. Upon acceptance of this demonstration of compliance, the User shall be relieved of this implementation requirement.

Section II-1007. Remedies Nonexclusive

The remedies provided for in these rules are not exclusive. Enforcement of pretreatment violations will generally be in accordance with the Control Authority's enforcement response plan. However, the Control Authority may take other action against any User when the circumstances warrant. Further, the Control Authority is empowered to take more than one enforcement action against any noncompliant User.

Article XI AFFIRMATIVE DEFENSES TO DISCHARGE VIOLATIONS

Section II-1101. Upsets.

An upset shall constitute an affirmative defense to an action brought for noncompliance with National Categorical Pretreatment Standards where the requirements of subsection (a) of this section are met.

- a) An Industrial User who wishes to establish an upset as an applicable affirmative defense shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence, that:
 - An upset occurred and the Industrial User can identify the cause(s) of the upset;
 - i. At the time, the facility was being operated in a prudent and workmanlike manner and in compliance with applicable operation and maintenance procedures;

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- ii. The Industrial User has submitted the following information to the Control Authority, orally or in writing, within twenty-four (24) hours of becoming aware of the upset and, where this information is provided orally, a written submission must then be provided within five (5) days:
 - (a) A description of the discharge and cause of noncompliance;
 - (b) The period of noncompliance including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and
 - (c) Steps being taken and/or planned to reduce, eliminate and prevent recurrence of the noncompliance.
- 2) In any enforcement proceeding, the Industrial User seeking to establish the occurrence of an upset shall have the burden of proof;
- 3) The Industrial User shall control production of all discharges to the extent necessary to maintain compliance with these rules upon reduction, loss, or failure of its treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost or fails.

Section II-1102. Bypass.

A bypass includes any intentional diversion of a wastestream from any portion of an Industrial User's treatment facility. A bypass shall constitute an affirmative defense to an action brought for noncompliance with national categorical pretreatment standards and/or local pollutant discharge limitations where the requirements of subsection (a) of this section are met.

- a) The affirmative defense of bypass may be claimed where:
 - 1) The bypass is for essential maintenance to ensure efficient operation of the treatment system and does not cause a violation of pretreatment standards or requirements;
 - 2) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - 3) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated waste, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
 - 4) The Industrial User properly notified the Control Authority as described in subsection (2) of this section.
- b) Notice of Bypass Event. An Industrial User shall have properly notified the Control Authority as follows:
 - 1) Anticipated bypass. Any Industrial User anticipating a bypass shall submit notice to the Control Authority at least ten (10) days in advance of the anticipated date.

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- 2) Unanticipated bypass. The Industrial User shall submit oral notice of an unanticipated bypass that exceeds applicable pretreatment standards within twenty-four (24) hours from the time the Industrial User becomes, or should have become, aware of the bypass.
- 3) For any bypass event, a written submission shall be provided to the Control Authority within five (5) days of the time the Industrial User becomes, or in the case of an unanticipated bypass, should have become aware of the bypass. The written submission shall contain a description of the bypass including exact dates and times, and if the bypass has not been corrected or the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate and prevent reoccurrence of the bypass.
- c) Bypass approval. Where it meets all conditions in subsections (1) and (2) of this section, the Control Authority shall recognize the affirmative defense. However, the Industrial User may still be held liable for costs and fees incurred by the Control Authority as a result of the bypass, including treatment costs, charges and surcharges.

Article XII PUBLICATION OF INDUSTRIAL USERS IN SIGNIFICANT NONCOMPLIANCE

Section II-1201. Public notification of significant noncompliance.

The Control Authority shall publish in the largest daily newspaper published in the jurisdictional limits of the Control Authority, a list of all Users which, at any time during the previous twelve (12) months, were in significant noncompliance with applicable pretreatment standards and requirements.

Section II-1202. Significant Noncompliance Criteria.

A Significant Industrial User (or any Industrial User which violates paragraphs (c), (d), or (h) of this section) is in significant noncompliance if its violation meets one or more of the following criteria:

- a) Chronic violations of wastewater Discharge limits, defined here as those in which 66 percent or more of all of the measurements taken for the same pollutant parameter during a 6-month period exceed (by any magnitude) a numeric Pretreatment Standard or Requirement, including instantaneous limits, as defined by 40 CFR 403.3(l);
- b) Technical Review Criteria (TRC) violations, defined here as those in which 33 percent or more of all of the measurements taken for the same pollutant parameter during a 6-month period equal or exceed the product of the numeric Pretreatment Standard or Requirement including instantaneous limits, as defined by 40 CFR 403.3(l) multiplied by the applicable TRC (TRC=1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH);
- c) Any other violation of a Pretreatment Standard or Requirement as defined by 40 CFR 403.3(l) (daily maximum, long-term average, instantaneous limit, or narrative Standard) that the POTW determines has caused, alone or in combination with other Discharges, Interference or Pass Through (including endangering the health of POTW personnel or the general public);

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- d) Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the POTW's exercise of its emergency authority under paragraph (f)(1)(vi)(B) of this section 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 local control mechanism 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, periodic self-monitoring reports, and reports on compliance with compliance schedules;
- g) Failure to accurately report noncompliance;
- h) Any other violation or group of violations, which may include a violation of Best Management Practices, which the POTW determines will adversely affect the operation or implementation of the local Pretreatment program.

Section II-1203. Publication Process.

Any User who is identified for publication as being in Significant Noncompliance shall be notified in writing at least thirty (30) days before the proposed publication; provided with a copy of the proposed notice to be published; the proposed time frame for the publication; and allowed an opportunity to comment. The Control Authority shall incorporate any comments with the proposed publication, or incorporate any comments with a revised publication, but may exercise its discretion to summarize any comments where space or word count is deemed excessive. In addition, the Control Authority may place this information on its web page at www.glwater.org.

Article XIII FEES AND CHARGES

Fees and charges may be established by the Board to meet the costs of the operation, maintenance, improvement or replacement of the system and regulatory programs, or as provided by law or by Board action. The specific fees and charges are discussed more fully in Chapter V of these rules.

Article XIV APPEAL PROCEDURES

The decisions and actions taken by the Industrial Waste Control Group and the Control Authority affecting the administration, implementation, and enforcement of the industrial pretreatment program requirements are subject to review through a two-step appeal process. Although the majority of disputes are resolved through open communication, there may be a point where a User seeks to formalize their objection(s) and seek administrative review. The appeal procedures recognized under these rules are described in Chapter VIII.

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Article XV STATUTES, LAWS AND REGULATIONS

<u>Section II-1501.</u> Unless otherwise provided, any reference in these rules to a code, standard, rule, regulation, or law enacted, adopted, established, or promulgated by any government or private organization, or by any element or organization of government other than the Control Authority shall be construed to apply to such code, standard, rule, regulation, or law in effect or as amended or promulgated, from the date of enactment of these rules.

<u>Section II-1502. The</u> National Categorical Pretreatment Standards defined in 40 CFR Chapter I, Subchapter N, Parts 405-471, shall be and are incorporated by reference herein and made a part hereof.

<u>Section II-1503.The</u> Board may amend these rules or adopt additional rules necessary and proper for carrying out the conditions and intent of these rules.

<u>Section II-1504.Nothing</u> in these rules shall be deemed to limit the Control Authority from developing explanatory policies, guidance, or opinions to carry out the terms of the industrial pretreatment program which is not in conflict or otherwise prohibited by these rules.

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Appendix A – National Categorical Pretreatment Standards (NCPS) Categories

NCPS Category	CFR Reference	NCPS Category	CFR Reference
Aluminum Forming	40 CFR Part 467	Meat Products	40 CFR Part 432
Asbestos Manufacturing	40 CFR Part 427	Metal Finishing	40 CFR Part 433
Battery Manufacturing	40 CFR Part 461	Metal Molding and Casting	40 CFR Part 464
Builder's Paper and	40 CFR Part 431	Metal Products and	40 CFR Part 438
Board Mills	40 CI KI MI 431	Machinery	10 CI K 1 alt 430
Canned and Preserved	40 CFR Part 407	Mineral Mining and	40 CFR Part 436
Fruits and Vegetables		Processing	
Canned and Preserved Seafood Processing	40 CFR Part 408	Nonferrous Metals Forming	40 CFR Part 471
Carbon Black Manufacturing	40 CFR Part 458	Nonferrous Metals Manufacturing I	40 CFR Part 421
Cement Manufacturing	40 CFR Part 411	Nonferrous Metals Manufacturing II	40 CFR Part 421
Centralized Waste Treatment	40 CFR Part 437	Ore Mining and Dressing	40 CFR Part 440
Coal Mining	40 CFR Part 434	Organic Chemicals, Plastics, and Synthetic Fibers	40 CFR Part 414
Coil Coating	40 CFR Part 465	Paint Formulating	40 CFR Part 446
Copper Forming	40 CFR Part 468	Paving and Roofing Materials	40 CFR Part 443
Dairy Products Processing	40 CFR Part 405	Pesticide Chemicals	40 CFR Part 455
Dental Office (Mercury Amalgam)	40 CFR Part 441	Petroleum Refining	40 CFR Part 419
Electrical and Electronic Components I & and; II	40 CFR Part 469	Pharmaceutical	40 CFR Part 439
Electroplating	40 CFR Part 413	Phosphate Manufacturing	40 CFR Part 422
Explosives Manufacturing	40 CFR Part 457	Photographic	40 CFR Part 459
Feed Lots	40 CFR Part 412	Plastics Molding and Forming	40 CFR Part 463
Ferroalloy Manufacturing	40 CFR Part 424	Porcelain Enameling	40 CFR Part 466
Fertilizer Manufacturing	40 CFR Part 418	Pulp, Paper, and Paperboard	40 CFR Part 430 and 431
Glass Manufacturing	40 CFR Part 426	Rubber Manufacturing	40 CFR Part 428
Grain Mills	40 CFR Part 406	Soap and Detergent Manufacturing	40 CFR Part 417
Gum and Wood Chemicals Manufacturing	40 CFR Part 454	Steam Electric	40 CFR Part 423
Hospital	40 CFR Part 460	Sugar Processing	40 CFR Part 409
Ink Formulating	40 CFR Part 447	Textile Mills	40 CFR Part 410
Inorganic Chemicals Manufacture (I & and II)	40 CFR Part 415	Timber products	40 CFR Part 429
Iron and Steel	40 CFR Part 420	Transportation Equipment	40 CFR Part 442
7 1011	40 CED D : 445	Cleaning	40 CED B : 444
Landfills	40 CFR Part 445	Waste Combusters	40 CFR Part 444
Leather Tanning & finishing	40 CFR Part 425		

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CHAPTER III: SURCHARGE PROGRAM FOR HIGH-STRENGTH WASTEWATER DISCHARGES

The Control Authority's POTW receives Wastewater from residential, commercial and industrial sources for treatment and discharge under its NPDES Permit MI0022802. The sewer charge rate charged to Member Communities is based upon the Domestic Strength of sewage. A Surcharge program for High Strength Wastewater discharges has been established to capture the additional treatment and operations costs incurred for Wastewater conveying additional pollutants to the Control Authority's POTW for specific Users.

The purpose of these rules are to establish an orderly and fair system whereby the operations, maintenance, and replacement costs incurred by the Control Authority in treating and disposing of the sewage, Industrial Wastes, and other wastes generated by each User is charged to that User for its use of the Control Authority's POTW, as required by the Federal Water Pollution Control Act Amendments of 1972 and the Clean Water Act of 1977 (33 U.S.C. 1251-1387) and the rules of the USEPA, promulgated pursuant thereto. These rules are promulgated pursuant to the statutory authority contained in Act No. 233, Public Acts of Michigan, 1955, as amended ("Act 233").

Article I Domestic Strength of Sewage

The Control Authority has established the following Domestic Strength levels for wastewater discharged to the POTW.

Domestic Streng	th Levels	
Biochemical Oxygen Demand (BOD)	275 mg/l	
Fats, Oils & Grease	100 mg/l	
Phosphorus (P)	12 mg/l	
Total Suspended Solids (TSS)	350 mg/l	

Article II: High Strength Wastewater Sources

Section III-201. Applicability: Domestic Sources

Domestic Sources shall not be subject to a surcharge for High Strength Wastewater where a property is used for the exclusive purpose of a residential dwelling, including but not limited to single or multi-family units or apartments.

Section III-202. Applicability: Users

Users and any source who does not qualify as a Domestic Source under section III-201 of these rules, are subject to the Surcharge program for High Strength Wastewater sources, as follows:

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- a) Users, who as of the date of adoption of these rules have been previously assigned Pollutant Strength Levels (or "Surcharge basis") by the Detroit Water and Sewerage Department, or the GLWA, shall retain these Pollutant Strength Levels, until changed under Article IV;
- b) All other Users will be assigned the Pollutant Strength basis equivalent to the Domestic Strength Levels of Article I, until changed under Article IV.

Article III. Surcharge and Surcharge Formula

Section III-301. Domestic Strength Levels.

As part of the annual rate-making process, a surcharge fee will be established for each pollutant included in the Article I Domestic Strength Level, which reflects the actual cost of treating the pollutant by the Control Authority. The Control Authority, through the Board, shall approve the Surcharge Rates as part of its annual Rate-making process.

Section III-302. Surcharge Fee Calculation.

The Surcharge fee will be calculated for each User in accordance with the following formula:

Total Surcharge Fee =

$$0.0624 \times \text{Volume} \times [a \text{ (BOD-275)} + b \text{ (TSS-350)} + c \text{ (P - 12)} + d \text{ (FOG-100)}]$$

Where the terms constituting the total surcharge fee shall have the following meaning:

TERM	Description	Units of Measurement
0.0624	Conversion factor	
Volume	Volume of Wastewater Discharged for a billing period	Thousand Cubic Feet (Mcf)
BOD	BOD Strength Level	Miligrams/liter (mg/l)
TSS	TSS Strength Level	Miligrams/liter (mg/l)
P	Phosphorus Strength Level	Miligrams/liter (mg/l)
FOG	The Fats, Oils & Grease Strength Level	Miligrams/liter (mg/l)
a,b,c,d	The Surcharge Rate	\$ per pound

Note: Where the difference between the pollutant strength level and domestic strength level is less than zero (0), the difference shall be deemed zero (0).

Article IV Determination of Pollutant Strength Levels of High Strength Wastewater

Following the adoption of these rules, the Pollutant Strength Levels of High Strength Wastewater may be established or revised in accordance with any of the following methods. The Control Authority or User shall not seek to revise the Pollutant Strength Levels of High Strength Wastewater more frequently than every 12-months.

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Section III-401. Pollutant Strength Levels from Historical Data Records

An User, or the Control Authority, may use historical data to establish or revise its Pollutant Strength Levels. The Pollutant Strength Level will be determined using a numerical average of the self-monitoring and Control Authority monitoring data for the surcharge pollutant parameters that have been collected in a 12-month period.

- a) User Initiated use of Historical Data
 - 1) Where the User performs this calculation, it shall complete a Waste Strength Determination Form and provide it to the Control Authority, with all supporting data and calculations.
 - 2) No data shall be excluded from the above calculation unless the User or the Control Authority can demonstrate that the data is non-representative of the facility's discharge and actual operations.
 - 3) Within fifteen (15) days of receiving the report, the Control Authority will review all data and the User's detailed report and accept or reject the report. If rejected, the Control Authority will provide the reasons for rejection in writing. If not rejected, the new values shall be applied to the next billing cycle following receipt of the User information.
- b) Control Authority use of Historical Data
 - 1) Where the Control Authority performs this calculation, it shall notify the User in writing of the calculated Pollutant Strength Levels. The User has thirty (30) days to file a waste strength determination form and propose a Sample Test (see Section III-402), and unless rejected, the results shall be used for billing purposes.

Section III-402. Pollutant Strength Levels from Sample Test Period Data

- a) A User may, on its own initiative, or upon receipt of written notice under section II-401(2) above, file a waste strength determination form and propose a sample test and sampling plan. The sampling plan shall be based upon a 5-day, 6-day or 7-day operating week for all Pollutant Surcharge parameters.
 - 1) The sampling plan must be provided in writing to the Control Authority no less than fourteen (14) calendar days prior to commencement of the sampling program;
 - 2) The sampling plan must include the following:
 - i) Locations of sampling
 - ii) Method(s) of sampling at each location
 - iii) Date(s) of sampling
 - iv) Measurement or determination of volume of Wastewater discharged during the testing period
 - v) Sample collection for all Pollutants Surcharge (BOD, FOG, P, and TSS).
- b) The sampling plan shall be submitted to the Industrial Waste Control Group by one of the following methods:
 - 1) U.S. mail addressed to the Industrial Waste Control Group;
 - 2) Facsimile transmission sent to 313-297-5860; or
 - 3) PDF sent via electronic mail to IWC@GLWATER.org.

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- c) These submittals shall be considered "not received" if deficient or incomplete, including for any of the following reasons:
 - 1) The sampling plan has not been signed and dated by the User.
 - The User has failed to enclose all supporting documents necessary to aid in the Control Authority's review of the sampling plan.
- d) The User shall be authorized to implement the Sampling Plan unless it receives a written notice from the Control Authority specifying whether the sampling plan is deficient or incomplete.
- e) The Control Authority shall have the right to observe the User's sampling techniques, sample preservation, flow measurements, and other sampling protocols during the sampling program.
- f) Within sixty (60) calendar days of completion of the sampling plan, the User shall forward the findings and supporting documentation to the Control Authority; including field sample collection logs/notes, chain of custody reports, certified laboratory reports, daily incoming meter readings, daily direct discharge meter readings, and any other supporting documentation.
 - 1) If the User fails to notify the Control Authority prior to the sampling or fails to submit the report within the sixty (60) day period the use of the User's data for purposes of User charge calculation will be rejected, and the findings will not be allowed.
 - 2) The User shall provide a calculation of the numerical average for each Pollutant Surcharge which shall be applied as the Pollutant Strength Level for purposes of billing.
 - 3) If an User considers any self-monitoring data inappropriate for inclusion in calculating its User charges, the User must submit such data with its Report, together with a written report detailing the basis for the User's assessment that such data were not representative for purposes of inclusion when calculating its User charges. The Control Authority will accept or reject the inclusion or exclusion of the data.
 - 4) Within fifteen (15) days of receiving the report, the Control Authority will review all data and the User's detailed report and accept or reject the report. If rejected, the Control Authority will provide the reasons for rejection in writing. If not rejected, the new values shall be applied to the next billing cycle following receipt of the User information.

Section III-403. Pollutant Strength Levels Using Table Values.

The Control Authority has adopted Table A to assign average Pollutant Strength Levels for commercial or industrial groups performing operations known to produce High Strength Wastewater.

- a) A User who performs a commercial or industrial activity identified in Table A based upon (i) the Standard Industrial Classification Code (SIC); and/or (ii) North American Industrial Classification System (NAICS); or (iii) consistent with the Description of an SIC or NAICS code shall be subject to the applicable Surcharge for the High Strength Wastewater.
- b) The Control Authority will notify the User in writing of their classification, and the assignment of the average Pollutant Strength Levels as described in Table A. The new values shall be applied to the next

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billing cycle unless the User files a waste strength determination form and performs the sample test in accordance with Section III-402 within thirty (30) days of receiving the written notice.

- c) Where the User files a waste strength determination form under Section III-403, the Control Authority will evaluate and process it in accordance with Section III-402.
 - 1) If the waste strength determination form is accepted, the new values shall be applied to the next billing cycle following receipt of the User information.
 - 2) If the waste strength determination form is rejected, the Table A values shall be applied to the User until an acceptable pollutant strength test is performed.
- d) An User who does not have an existing monitoring location and discharges less than 25,000 gallons of wastewater per day may elect to use the values specified in Table A in lieu of performing selfmonitoring. The election shall be in writing.

Section III-404. Control Authority Test Data

- a) The Control Authority may, on its own initiative, conduct sampling at a User location, to establish the actual Pollutant Strength Level of a User's wastewater. Where this action is taken, the sampling shall be based upon a 5-day, 6-day or 7-day operating week, applicable to the User, for all Pollutant Surcharge parameters. The Control Authority shall review the results of the sampling program and determine whether a revision of the Pollutant Strength Levels is required. Upon such determination, the Control Authority will notify the User in writing.
- b) The new values shall be applied to the next billing cycle unless the User files a waste strength determination form and performs the sample test in accordance with Section II-402 within thirty (30) days of receiving the written notice.
- c) Where the User files a waste strength determination form under Section III-404, the Control Authority will evaluate and process it in accordance with Section III-402.
 - 1) If the waste strength determination form is accepted, the new values shall be applied to the next billing cycle following receipt of the User information.
 - 2) If the waste strength determination form is rejected, the Control Authority's findings will be applied to the User until an acceptable pollutant strength test is performed.

Section III-405. Periodic Review of User and Control Authority Sampling Data

The Control Authority shall periodically review the User's self-monitoring data and its own sampling data, to assess whether a change or revision in the Pollutant Strength Levels is warranted. The Control Authority shall provide written notice to the User where these findings determine a revision of the Pollutant Strength Levels is warranted.

Section III-406. Sampling and Analytical Methods

The measurement and determination of the Pollutant Strength Levels shall be in accordance with 40 CFR 136 and the latest edition of Standard Methods for the Examination of Water and Wastewater, published

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jointly by The American Public Health Association, The American Water Works Association, and the Water Environment Federation.

Article V. Appeal

Section III-501. The decisions and actions taken by the Industrial Waste Control Group and the Control Authority affecting the administration, implementation, and enforcement of the Surcharge of High Strength Wastewater program are subject to review through a two-step appeal process. Although the majority of disputes are resolved through open communication, there may be a point where a User seeks to formalize their objection(s) and seek administrative review. The Appeal procedures recognized under these rules are described in Chapter VIII.

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SIC Numbe r	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphor us	FOG			
				* Signifies Domestic Streng	gth Level					
2011	Meat Packing Plants	311611	Animal (except Poultry) Slaughtering	1200	800	*	400			
2013	Sausages & Other	311612	Meat Processed from Carcasses							
	Prepared Meat Products	311613	Rendering and Meat Byproduct Processing	800	700	*	150			
2022	Natural, Processed, and Imitation Cheese	311513	Cheese Manufacturing	2000	500	50	*			
2023	Dry, Condensed, and Evaporated Dairy Products	311511	Fluid Milk Manufacturing	1000	500	20	*			
		311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing							
2024	Ice Cream and frozen Desserts	311520	Ice Cream and Frozen Dessert Manufacturing	*	*	25	*			
2026	Fluid Milk	311511	Fluid Milk Manufacturing			el				
		311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing	1100	500		500			
2035	Pickled Fruits and	311421	Fruit and Vegetable Canning							
	Vegetables, Vegetable Sauces and Seasonings, and Salad Dressings	311941	Mayonnaise, Dressing and Other Prepared Sauce Manufacturing	1000	500	*	*			
2037	Frozen Fruits, Fruit Juices, and Vegetables	311411	Frozen Fruit, Juice, and Vegetable Manufacturing	1000	500	*	*			
2038	Frozen Specialties, Not Elsewhere Classified	311412	Frozen Specialty Food Manufacturing	1000	500	*	*			
2041	Flour and other Grain Mill	311211	Flour Milling	1600	*	*	*			
2043	Cereal Breakfast Foods	311230	Breakfast Cereal Manufacturing	1600	*	*	*			
		311920	Coffee and Tea Manufacturing	1000		T	T			
2044	Rice Milling	311212	Rice Milling	1600	*	*	*			

SIC Numbe r	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphor	FOG
				* Signifies Domestic Strength	Level		
2045	Prepared Flour Mixes and Doughs	311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour	1600	*	*	*
2046	Wet Corn Milling	311221	Wet Corn Milling	1600	*	*	*
"		311225	Fats and Oils Refining and Blending	1600	*	*	*
2047	Dog and Cat Food	311111	Dog and Cat Food Manufacturing	1600	*	*	*
2048	Prepared Feed and Feed Ingredients for Animals and Fowl, except Dogs & Cats	311119	Other Animal Food Manufacturing	1600	*	*	*
2051	Bread and other Bakery products, except Cookies and Crackers	311822	Commercial Bakeries	3800	1100	*	260
2052	Cookies and Crackers	311822 311821 311919	Commercial Bakeries Cookie and Cracker Manufacturing Other Snack Food Manufacturing	800	*	*	*
2053	Frozen Bakery Products, except Bread	311813	Frozen Cakes, Pies, and Other Pastries Manufacturing	800	*	*	*
2076	Vegetable Oil Mills, except Corn, Cottonseed, and Soybean	311224	Soybean and other Oilseed Products				
		311225	Fats and Oils Refining and Blending	650	2000	4	500
2077	Animal and Marine Fats and Oils	311613	Rendering and Meat Byproduct Processing				
		311710	Seafood Product Preparation and Packaging				

SIC Numbe	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphor us	FOG
***				* Signifies Domestic S	trength Level		
2079	Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, Not elsewhere classified	311224	Soybean and other Oilseed Products	1000	*	ak:	200
		311225	Fats and Oils Refining and Blending				
2082	Malt Beverages	312120	Breweries	1400	600	*	*
2086	Soft Drinks	312111 312112	Soft Drink Manufacturing Bottled Water Manufacturing	600	*	*	*
2090	Miscellaneous Food Prod						
2091	Canned and Cured Fish and Seafoods	311710	Seafood Products Preparation and Packaging				
2092	Prepared Fresh or Frozen Fish and Seafoods	311710	Seafood Products Preparation and Packaging				
2095	Roasted Coffee	311920	Coffee and Tea Manufacturing		What o		l,
2096	Potato Chips, Corn Chips, and Similar Snacks	311919	Other Snack Food Manufacturing		Į.		
2097	Manufactured Ice	312113	Ice Manufacturing	1000	500	*	150
2098	Macaroni, Spaghetti, Vermicelli and Noodles	311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour				i k:
2099	Food Preparations, Not Elsewhere Classified	111998	All Other Miscellaneous Crop Farming				
		311212	Rice Milling			0.	
		311340	Non-chocolate Confectionery Manufacturing				

SIC Numbe	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphor	FOG
	1			* Signifies Domestic Strengt	h Level		-
		311423	Dried and Dehydrated Food Manufacturing				
		311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour				
		311830	Tortilla Manufacturing				1
		311911	Roasted Nuts and Peanut Butter Manufacturing				
		311920	Coffee and Tea Manufacturing				1
		311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing		1		
		311942	Spice and Extract Manufacturing				1
		311991	Perishable Prepared Food Manufacturing				
		311999	All other Misc. Food Manufacturing				
2620	Paper Mills	322121	Paper (except Newsprint) Mills	*	480	*	*
		322122	Newsprint Mills		460		
2640	Converted Paper Products			300	1500	*	*
2810	Industrial Inorganic Che	micals					
		325180	Other Basic Inorganic Chemical	0			
2812	Alkalies and Chlorine		Manufacturing	1			
2813	Industrial Gases	325120	Industrial Gas Manufacturing	1			
2816	Inorganic Pigments	325130	Synthetic Dye and Pigment Manufacturing	*	2000	*	*
		325180	Other basic Inorganic Chemical Manufacturing		2000		
2819	Industrial Inorganic Chemicals, Not elsewhere classified	211112 325130	Natural Gas Liquid Extraction Synthetic Dye and Pigment Manufacturing				

SIC Numbe r	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphor us	FOG
				* Signifies Domestic St	trength Level		
		325180	Other basic Inorganic Chemical Manufacturing				
		325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing				
		331311	Alumina Refining	1			
2830	Drugs						
2833	Medicinal Chemicals and Botanical Products	325411	Medicinal and Botanical Manufacturing				
2834	Pharmaceutical Preparation Manufacturing	325412	Pharmaceutical Preparation Manufacturing				
		325412	Pharmaceutical Preparation Manufacturing	500	500		*
2835	In Vitro and In Vivo Diagnostic Substances	325413	In-Vitro Diagnostic Substance Manufacturing			*	
2836	Biological Products, except Diagnostic Substances	325414	Biological Product (except Diagnostic) Manufacturing				
2840	Soaps & Detergents		•				İ
2841	Soap and Other Detergents, except Specialty Cleaners	325611	Soap and Other Detergent Manufacturing		ĺ		
2842	Specialty Cleaning, Polishing, and Sanitation Preparations	325612	Polish and Other Sanitation Good Manufacturing				
2843	Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants	325613	Surface Active Agent Manufacturing	600	*	*	200
2844	Perfumes, Cosmetics, and other Toilet Preparations	325620	Toilet Preparation Manufacturing				Ì

SIC Numbe	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphorus	FOG
				* Signifies Domestic Str	rength Level		-
2850	Paints & Allied Products						
2851	Paints, Varnishes, Lacquers, Enamels, and Allied Products	325510	Paint and Coating Manufacturing	*	*	15	200
2860	Industrial Organic Chem	icals			_		
2861	Gum and Wood Chemicals	325194	Cyclic Crude, Intermediate and Gum and Wood Manufacturing				
2865	Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments	325110	Petrochemical Manufacturing				
		325130	Synthetic Dye and Pigment Manufacturing				
		325120	Industrial Gas Manufacturing	500	500	20	150
		325180	Other Basic Inorganic Chemical Manufacturing				
	Industrial Organic	325193	Ethyl Alcohol Manufacturing	1	-		1
2869	Chemicals, not elsewhere classified	325199	All Other Basic Organic Chemical Manufacturing				2
		325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing				
2890	Miscellaneous Chemical I	Products		<u> </u>			
2891	Adhesives and Sealants	325520	Adhesive Manufacturing				
	Explosives	325920	Explosives Manufacturing	1	l _.	L:	i
2892	Manufacturing						ļ
2893	Printing Ink	325910	Printing Ink Manufacturing				
2895	Carbon Black	325180	Other Basic Inorganic Chemical Manufacturing	400	*	*	*
2899	Chemicals and Chemical Preparations, Not	325199	All Other Basic Organic Chemical Manufacturing				
	Elsewhere Classified	325510	Paint and Coating Manufacturing				1

SIC Numbe r	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphor	FOG
				* Signifies Domestic Streng	th Level		
		325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing				
3010/1	Tire & Inner Tubes	326211	Tire Manufacturing (except Retreading)	*	500	*	*
3060	Fabricated Rubber Produ	ıcts					
3061	Molded, Extruded, and Lathe cut Mechanical Rubber Goods	326291	Rubber Product Manufacturing for Mechanical Use				
5001	Tracer Sees	313320	Fabric Coating Mills	1			
		314910	Textile Bag Mills		1	2 2	
		315280	Other Cut and Sew Apparel Manufacturing				
		315990	Apparel Accessories and Other Apparel Manufacturing	*	500		
3069	Fabricated Rubber Products, Not Elsewhere	326199	All other Plastics Products Manufacturing				
	Classified	326299	All other Rubber Products Manufacturing				
		339113	Surgical Appliance and Supplies Manufacturing				
		339920	Sporting and Athletic Goods Manufacturing	*	500	*	*
		339930	Doll, Toy and Game Manufacturing				
	Drums & Barrels -		 		+		
5085	Reconditioning			1200	800	16	1500
5090	Miscellaneous Durable G	oods					
5091	Sporting and Recreational Goods and Supplies	423910	Sporting and Recreational Goods and Supplies Merchant Wholesalers	400	500	*	150

SIC Numbe	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphor	FOG
				* Signifies Domestic Stren	gth Level		-
		425110	Business to Business Electronic Markets				
		425120	Wholesale Trade Agents and Brokers				
		451110	Sporting Goods Stores				
		423920	Toy and Hobby Goods and Supplies Merchant Wholesalers				
5092	Toys and Hobby Goods	425110	Business to Business Electronic Markets				
	and Supplies	425120	Wholesale Trade Agents and Brokers		,		
		451120	Hobby, Toy, and Game Stores		İ		
		423930	Recyclable Material Merchant Wholesalers				
5093	Scrap and Waste Materials	425110	Business to Business Electronic Markets				×.
		425120	Wholesale Trade Agents and Brokers				
	Total Wales	423940	Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers	400	500	*	150
5094	Jewelry, Watches, Precious Stones, and	425110	Business to Business Electronic Markets	400	500	*	150
	Precious Metals	425120	Wholesale Trade Agents and Brokers				
		448310	Jewelry Stores				ļ
		423990	Other Miscellaneous Durable Goods Merchant Wholesalers				
5099	Durable Goods, not elsewhere classified	425110	Business to Business Electronic Markets				
		425120	Wholesale Trade Agents and Brokers	400	500	*	150

SIC Numbe r	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphorus	FOG
				* Signifies Domest	ic Strength Level		-
		444190	Other Building Material Dealers				T
		451110	Sporting Goods Stores				
2		451120	Hobby, Toy, and Game Stores				<u> </u>
7213	Linen Service	812331	Linen Supply	500	*	*	200
7218	Industrial laundries	812332	Industrial Launderers	600	600	*	400

CHAPTER IV: SEPTAGE AND HAULED WASTES

The majority of wastes and Wastewater treated at the Control Authority's POTW are discharged to and conveyed by the Sewerage System through point-source connections from Domestic and User Sources. However, additional wastes may be conveyed to designated locations via rail, truck, ship or vessel or other equivalent means; hauled to the Control Authority POTW from locations within and outside of the Service Region of the Control Authority. These rules address these sources of *Hauled Wastes*.

Article I General Provisions

<u>Section IV-101</u>. It shall be unlawful for any Person to discharge any waste or Wastewater, directly or indirectly, by rail, truck, ship or other similar means, without authorization from the Control Authority; or to discharge any Wastewater in violation of the terms and conditions contained in these rules or contrary to any discharge authorization granted by the Control Authority.

Article II Authorized Unloading Locations

<u>Section IV-201.</u> The Control Authority's POTW shall not receive or accept any wastes or Wastewater that are directly transported via rail, truck, dedicated pipeline, ship or vessel, or other similar means, at the Control Authority's POTW located at 9300 West Jefferson, Detroit Michigan 48209, except those identified in Section IV-202.

<u>Section IV-202.</u> The Control Authority's POTW shall accept wastes or Wastewater that are directly transported via truck from Septage Waste Hauler and Mobile Food Truck vehicles with a valid permit, Recreation Vehicles and Individual Portable Toilets.

<u>Section IV-203.</u> The Control Authority will only accept wastes and Wastewater transported to Authorized Unloading Locations specified in these rules or that may be added upon authorization by the Control Authority.

<u>Section IV-204.</u> The usage of any Authorized Unloading Location shall be restricted to authorized Users who possess a hauled in waste permit issued by the Control Authority, in accordance with the terms and conditions of the permit.

Article III Categories of Authorized and Unauthorized Hauled Wastes

Section IV-301. Authorized Wastes

The following groups of waste and Wastewater may be authorized by the Control Authority.

- Septage Waste and Wastewater
- Recreational Vehicle and Individual Portable Toilets
- Sanitary Wastewater from Vessels and Ships

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The procedures for obtaining authorization are enumerated in Article IV below.

Section IV-302. Unauthorized Waste Sources

The following sources of waste and Wastewater are not authorized by the Control Authority and will not be accepted unless there is an exigent condition or public health concern for which the Control Authority shall authorize disposal.

- Grease Trap Wastes
- Industrial and Commercial Wastes
- Municipal Sludge
- Collection System Solids and Cleanings

Article IV Procedures for Authorization – Septage Waste Hauler

<u>Section IV-401.</u> A Septage waste hauler seeking authorization from the Control Authority to discharge at the Control Authority's POTW or other authorized unloading location shall require the owner/operator of the vehicle to (i) possess a valid Septage hauler license issued by the EGLE; and (ii) obtain a valid Control Authority Septage hauler permit.

<u>Section IV-402.</u> A Septage waste hauler seeking authorization from the Control Authority to discharge at the Control Authority's POTW or other authorized unloading location shall complete an application for a HIW permit. Information will be provided including the vehicles, tank capacities and applicable vehicle licenses for each vehicle; the general area being serviced, and which authorized unloading sites the septage hauler is requesting access.

<u>Section IV-403.</u> The Septage hauler shall letter the vehicles or affix the truck number shown on their HIW permit on each side and rear of the hauling vehicle covered by their permit in clearly visible locations in black numerals and letters six (6) inches high on a white background of at least eight (8) inches in height. The line width of each letter shall be three-fourths of an inch.

<u>Section IV-404.</u> Upon receipt of a Septage hauler application form, the Control Authority will process the application and accept or reject the application. Permits issued by the Control Authority shall contain information including, but not limited to, that specified in Section II-704. A Septage waste hauler seeking authorization from the Control Authority to discharge at the Control Authority's POTW or other authorized unloading location shall only discharge the contents from domestic waste septic tanks, cesspools, seepage pits, sewage lift stations and portable toilets; after receiving a permit.

<u>Section IV-405.</u> The Control Authority shall have the unrestricted right to observe loading, hauling and unloading of Septage hauling vehicles; to obtain representative samples of the vehicle's contents at the unloading site prior to or during the unloading activity; to examine the vehicle operator's EGLE service seal and business license and the unloading permit. The vehicle operator shall cooperate with the request of any properly credentialed the Control Authority's employee and assist in providing a sample of the tank's

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contents.

Article V Procedures for Authorization – Recreational Vehicle and Individual Portable Toilets

Section IV-501. Individuals may discharge the contents of recreational vehicle toilets and individual

portable toilets having contents of less than 125 gallons at approved locations without charge.

Section IV-502. Unloading under this provision is restricted to private persons.

Article VI Procedures for Authorization – Vessels and Ships

<u>Section IV-601.</u> The Control Authority may accept Domestic Sewage from vessels and ships at authorized locations, or from firms servicing vessels and ships traversing the Great Lakes. Individuals or firms shall request authorization from the Industrial Waste Control Group before discharging any Wastewater, and discharge at an authorized unloading location.

Article VII Other Conditions

<u>Section IV-701.</u> Any Person authorized under these rules for Septage and hauled waste or wastewater is subject to the requirements for permits, inspection, monitoring and enforcement, as enumerated in Chapter II.

<u>Section IV-702.</u> Any permit or authorization granted by the Control Authority shall also include the following conditions:

- a) Applicable terms and conditions, surcharges, fees or rates as established by the Board;
- b) The specific unloading facility location designated by the Control Authority for discharge;
- As necessary, additional specific limitations and requirements necessary to protect the wastewater treatment plant and collection system;
- d) Any applicable surcharge for High Strength Wastewater applicable to the specific contents being hauled under Authorization by the Control Authority; and
- e) Any charges or fees established by the Board.

Article VIII. Appeal

The Decisions and Actions taken by the Industrial Waste Control Group and the Control Authority affecting the administration, implementation, and enforcement of the Septage and hauled waste Program are subject to review through a two-step appeal process. Although the majority of disputes are resolved through open communication, there may be a point where a User seeks to formalize their objection(s) and seek administrative review. The Appeal procedures recognized under these rules are described in Chapter VIII.

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CHAPTER V: REVENUES TO SUPPORT REGULATORY PROGRAMS

The Control Authority has promulgated these rules for the protection of the environment, the public health and safety by abating and preventing pollution through the regulation and control of the quantity and quality of sewage, industrial wastes, and other wastes admitted to or discharged into the sewerage system. The Control Authority seeks to provide for the recovery of the costs from Users of the Wastewater collection and treatment system sufficient to administer regulatory activities and meet the costs of the operation, maintenance, improvement or replacement of the Sewerage System.

Fees and charges may be established by the Board to meet the costs of the operation, maintenance, improvement or replacement of the Sewerage System and regulatory programs, or as provided by law or by Board action.

- a) The Board shall adopt charges and fees which shall include, but not be limited to:
 - 1) Fees for reimbursement of costs of establishing, operating, maintaining, or improving the industrial waste control and pretreatment programs (See Article I below); and
 - User fees (surcharges) based upon volume of waste and concentration or quantity of specific pollutants in the discharge, and treatment costs including sludge handling and disposal (See Article II); and
 - 3) Reasonable fees for reimbursement of costs for hearings including, but not limited to, expenses regarding hearings officers, court reporters, and transcriptions; and
 - 4) Other fees, which the Board may deem necessary, to carry out the requirements contained herein, or as may be required by law.

Article I Industrial Waste Control Charges

Section V-101. The Control Authority is required to implement and enforce an Industrial Pretreatment Program and perform other related duties as required by the NPDES Permit MI 0022802 and the Clean Water Act. To accomplish these duties and requirements, the Control Authority must have a revenue source which insures adequate funding. The Control Authority hereby adopts the following method of funding these regulatory activities:

- a) An IWC water meter charge shall be established by the Board to recover the costs incurred in administering, implementing and enforcing the regulatory activities and obligations under the NPDES Permit MI 0022802 and the Clean Water Act, and any rules adopted by the Board.
- b) The IWC water meter charge shall be based on the size of the water meter on a proportional basis and assessed on any non-residential water meter with the following exceptions:
 - 1) The IWC water meter charge shall not be assessed on any meter dedicated for Fire Protection

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purposes only;

- The IWC water meter charge shall not be assessed on any meter dedicated for Irrigation purposes only;
- 3) The IWC water meter charge shall not be assessed on any meter from a multi-family residential dwelling; public and private elementary and secondary school which are part of a government school district; colleges, universities, professional schools, junior colleges and technical institutes; and local, state and federal government facilities.
- c) Member Communities shall periodically report the quantity, number and size of non-residential meters, and any exempt meters (as described in paragraph 2).
- d) The Control Authority shall prepare a bill to each Member Community using the information provided in paragraph 3 and forward the bill for payment either through the Wholesale Sewer Contract Customer (if applicable) and/or Member Community, indicating the terms and conditions of payment.
- e) Each Member Community is responsible for assessing these fees on applicable Users and collection thereof in accordance with the delegation and service agreements; and for reporting changes in the number of meters reported in paragraph 3.
- f) The Control Authority reserves the right to collect any and all outstanding amounts in accordance with applicable law.

Article II Pollutant Surcharges

<u>Section V-201.</u> The Control Authority has adopted rates necessary to recover the cost of service based upon the unit volume of Wastewater discharged; and has adopted Pollutant Surcharges applicable to High-Strength Wastewater discharges from Users which will be assessed to these Users so that the proportional share of the cost of service may be recovered.

- a) The specific rules and procedures for establishing High Strength Wastewater levels, and administering a program thereof is included in Chapter II of these rules.
- b) Member Communities shall report the applicable water and/or sewage meter information to the Control Authority who shall prepare a bill based upon the established High-Strength Wastewater level of an User.
- c) The Control Authority shall prepare a bill to each Member Community using the information provided in paragraph 2 and forward the bill for payment either through the Wholesale Sewer Contract Customer (if applicable) and/or Member Community, indicating the terms and conditions of payment.
- d) Each Member Community is responsible for assessing these fees on applicable Users and collection thereof in accordance with the delegation and service agreements;
- e) The Control Authority reserves the right to collect any and all outstanding amounts in accordance with applicable law.

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Article III Other Fees

<u>Section V-301.</u> The Appeal Procedures described in Chapter VIII will incur costs for hearings officers, court reporters, and transcriptions. The cost of conducting these appeal procedures shall be equally shared between the Control Authority and the User(s). A deposit may be requested by the Control Authority to cover a portion of these expenses. Where a User fails to pay all fees incurred, the Control Authority shall recover these fees through direct invoicing and using all means authorized by law.

<u>Section V-302.</u> Other fees, which the Board may deem necessary, to carry out the requirements contained herein, or as may be required by law.

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CHAPTER VI: FLOW-METERING

The Control Authority requires Users to employ accurate and valid methods for measuring and reporting the volume of water consumed and discharged from their properties to satisfy regulatory and monitoring requirements. Each Member Community may establish its own criteria for metering the wastewater discharged into the Sewerage System which is not in conflict with these rules.

Article I General Requirements

The Control Authority recognizes the role of the respective Member Community in prescribing the water and/or sewage meters installed at a User's property. The Control Authority will recognize a User's use of these methods to represent the water usage and/or wastewater discharge as follows:

<u>Section VI-101.</u> Users obtaining all of their water supply from the GLWA shall, unless modified or changed by contract, base the volume of water consumed upon one or more water meters installed at the User's property. Any questions that the GLWA may have concerning the accuracy and validity of a water meter will be directed to the User and the Member Community

Section VI-102. Users obtaining all, or any portion, of their water supply from sources other than the GLWA and who discharge water, wastes and wastewater inclusive of these foreign sources to the GLWA for conveyance and Wastewater treatment, shall base the volume of Wastewater discharged through gauging, metering or using any other equitable method of measuring, the volume of all Wastewater discharged. Acceptance of the Wastewater discharged shall be conditioned upon the acceptance of such methods by the Member Community. Any questions that the GLWA may have concerning the accuracy and validity of a water meter will be directed to the User and the Member Community

<u>Section VI-103.</u> Users obtaining all, or any portion, of their water supply from the GLWA, but also receiving other wastes and Wastewater via truck, rail, vessel or ship, dedicated pipeline, or any other means of transportation shall base the volume of Wastewater discharged through gauging, metering or using any other equitable method of measuring the discharge volume. Acceptance of the Wastewater discharged shall be conditioned upon the acceptance of such methods by the Member Community. Any questions that the GLWA may have concerning the accuracy and validity of a water meter will be directed to the User and the Member Community.

Article II Sub-metering of Water or Sewage Volumes

<u>Section VI-201.</u> Any owner of a premise or User of the system may install, at their own expense, a water sub-meter for determining the utility services used by certain areas or processes. Such meter will not be recognized for purposes of usage, addition or reduction, billing or other regulatory purpose, unless the meter complies with section VI-202.

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<u>Section VI-202.</u> Where a Member Community has recognized and accepted a User's sub-meter(s) to gauge the volume of water, for determining the utility services used by certain areas or processes,), the GLWA shall recognize the purpose and readings of the sub-meter for purposes of usage, addition or reduction, billing or other regulatory purpose described by these rules.

Article III Requirements for Water or Sewerage Metering

<u>Section VI-301.</u> Where the GLWA, in conducting its regulatory responsibilities described by these rules, identifies an unmetered water or sewerage source, a non-functioning water or sewerage meter or sub-meter, or requires other gauging or metering to fulfill the requirements of its NPDES permit, it shall notify the User in writing of its findings and requirements as well as the Member Community.

<u>Section VI-302.</u> Any water or sewer meter installed by a User must be periodically calibrated by the User and maintained by the User at its own expense. All records of calibration or maintenance shall be provided to the GLWA upon its request.

Article IV Sewage Metering Requirements for Flow-proportional Sampling

<u>Section VI-401.</u> All Significant Industrial Users shall provide, operate, and maintain at their own expense a sampling and monitoring facility which complies with Section II-605.

<u>Section VI-402.</u> Significant Industrial Users required to collect wastewater samples using 24-hour flow-proportional composite sampling techniques, shall provide the Control Authority with a sampling plan in compliance with section II-603 and the following information about the flowmeter and other devices used:

- a) The specifications and information describing the flow monitoring instruments, including make and model number;
- b) The recording devices used, including make and model number; and
- c) Specifications indicating that the meter is equipped with a non-resettable flow totalizer.

<u>Section VI-403.</u> Significant Industrial Users required to collect Wastewater samples using 24-hour flow-proportional composite sampling techniques, shall provide the appropriate interface hardware and cable sufficient to reach the sampler location from the flow metering system's contact point, as follows:

- a) Ensure that the flow metering system using an analog output signal, furnish the Control Authority with a flow meter to sampler 4-20 mA input interface: ISCO Part # 60-5314-281, or equivalent.
- b) Ensure that the flow metering system using a pulse output signal, furnish the Control Authority with a signal specification of 5 to 15 VDC pulse, with 25 millisecond isolated contact closure using a sampler connection interface cable ISCO Part # 60-1394-077, or equivalent.
- c) The Significant Industrial User shall provide an interface port for 6 pin military spec amphenol connector and a parallel or Y-connector for simultaneous sampling event.
- d) In the event that an equivalent or new technology is available which permits the Control Authority to Page 81 of 89

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collect a Flow-composite based sampling from the User's facility using equipment other than or different then that enumerated in sub-paragraphs a-c above, the Control Authority will permit such technology to be implemented and used at the User's site. User's must, however, notify the Control Authority in writing.

Article V Appeal

The decisions and actions taken by the Industrial Waste Control Group and the Control Authority affecting the administration, implementation, and enforcement of the Flow Metering Program are subject to review through a two-step appeal process. Although the majority of disputes are resolved through open communication, there may be a point where a User seeks to formalize their objection(s) and seek administrative review. The Appeal procedures recognized under these rules are described in Chapter VIII.

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CHAPTER VII: RULES GOVERNING THE WASTES AND WASTEWATER FROM ENVIRONMENTAL REMEDIATION, GROUNDWATER AND OCCASIONAL OR SPECIAL WASTES SOURCES

The purpose of these Rules is to regulate and control the quality and quantity of wastes and Wastewater derived from Environmental Remediation, Groundwater and Occasional or Special Wastes Sources occurring within the sewer Area under the jurisdiction of the Control Authority to ensure that these sources are not discharged into the local environment without authorization and in quantity and/or concentrations as may cause or contribute to adverse impact upon the environment or the status of the Control Authority's POTW with regard to environmental regulations impacting those facilities.

Article I General Requirements

<u>Section VII-101</u>. The Control Authority may authorize the discharge of wastes and Wastewater derived from Environmental Remediation, Groundwater and Occasional or Special Wastes Sources from facilities located in areas served by the Control Authority's Sewerage System.

<u>Section VII-102.</u> Environmental Remediation Wastewater, Groundwater and Occasional or Special Wastes Sources from facilities located in areas not served by the Control Authority's Sewerage System will not be accepted except where a public health or similar exigent condition exists. In response to such public health or exigent condition, the Control Authority may accept and evaluate an application, and will notify the Board of its findings and determination prior to authorizing the discharge.

Article II Prohibitions

Section VII-201. Unlawful Discharges

It shall be unlawful for any Person to cause or allow the discharge of Environmental Remediation Wastewater, Groundwater and Occasional or Special Wastes Sources from combined sewered areas into the Control Authority's Sewerage System, unless such person has been authorized by the Control Authority and is in possession of a current and valid permit authorizing the discharge of the Environmental Remediation Wastewater, Groundwater and Occasional or Special Wastes Sources.

Section VII-202. Pollutant Discharge Limits

The Control Authority shall apply or develop pollutant discharge limitations necessary to protect the Control Authority's Sewerage System, and at a minimum include:

- a) The General Pollutant Prohibitions (Chapter II, Article II) shall be applied to all permit authorizations;
- b) The Specific Pollutant Prohibitions (Chapter II, Article III) shall be applied to all permit authorizations;
- c) For Underground Storage Tank and *Petroleum* clean-up projects, the additional discharge limitations shall be applied:

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 Benzene
 20 ug/l

 Toluene
 20 ug/l

 Ethylbenzene
 20 ug/l

 Xylene
 20 ug/l

d) As necessary, the Control Authority may develop special pollutant discharge limitations in concentration or mass necessary to carry out the intent of these rules. The determination of any such special pollutant discharge limitations shall be attached to any permit granted under these rules.

Article III Special Discharge Permits

Section VII-301. Special Discharge Permit Application

Any Person seeking permission to discharge Environmental Remediation Wastewater, Groundwater and Occasional or Special Wastes Sources wastewater shall complete and submit to the Control Authority (on forms supplied by the Control Authority) a Special Discharge Permit Application (SDP Application). At a minimum, the application shall include the following information:

- a) The address, or other description of the location, which is the source or origin of the proposed discharge;
- b) The name and address of the (i) officers or principal owners of the real property; (ii) name of the person who will be responsible for operation of the facilities; (iii) any agents for these parties; and; (iv) any other persons seeking the special discharge permit.
- c) The applicant shall provide at least one sample analysis which includes the 126 priority pollutants. Additional samples may be tested for pollutants above detection levels or which are present or expected to be present in the discharge.
- d) Any information concerning the nature of operations conducted, or previously conducted at the property.
- e) Any additional information or documentation necessary to support the application.
- f) The SDP Application shall be executed by an Authorized Representative of the person.
- g) Acceptance by Member Community. Applications shall be reviewed by the municipality or other unit of local government having jurisdiction over the geographical location for which the SDP is requested and must be certified acceptable to such municipality or other unit of local government prior to submittal to the Control Authority. The certification shall be inclusive of any metering or payment requirements. This acceptance must be in writing.

Within 30 days of receipt of a completed SDP Application, the Control Authority shall notify, in writing, the person submitting the application of its approval or denial, and the reason(s) for denial. If approved, the special discharge permit shall be issued by the Control Authority to the owner of the real property from

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which the Wastewater originates as permittee and to the agents of the owner as co-permittees who will be responsible for operation of the facilities.

Section VII-302. Special Discharge Permit

The Control Authority shall develop a special discharge permit form that shall contain, at a minimum, the following conditions:

- a) Statement of duration, which for special discharge permits shall not exceed one (1) year. The one (1) year term may be renewed upon receipt of an SDP Application petitioning renewal of the permit for an additional one (1) year term if submitted ninety (90) days prior to the expiration date of the existing special discharge permit.
- b) A provision against non-transferability of the special discharge permit.
- c) Effluent discharge limitations authorized under Section II-202 of these rules.
- d) Self-monitoring, sampling, reporting, notification and recordkeeping requirements, including identification of the pollutants to be monitored, sampling points, sampling frequency and sample type. Sample collection and analysis shall conform to the requirements specified by the Control Authority.
- e) Requirements for specific treatment, if applicable, including best available technology. Justification for such treatment shall be made in writing and attached to the special discharge permit.
- f) Acknowledgement from Member Community.
- g) Other requirements including those specified in Section II-704.

Section VII-303. Monitoring of Environmental Remediation Wastewater, Groundwater and Occasional or Special Wastes Sources

- a) Each person subject to the terms of these rules shall install and maintain, at its own expense, a control manhole or sampling site, including sampling and flow measurement operations applicable to the discharge.
- All sampling and analysis shall be performed in accordance with applicable regulations contained in 40 CFR 136 and amendments thereto.
- c) Any Flow Monitoring installation shall conform to the requirements and specifications of Chapter VI.

Article IV. Other Provisions

<u>Section VII-401</u>. Representatives of the Control Authority may enter upon the premises for which the special discharge permit has been issued, during reasonable hours, to perform gauging and sampling operations, for inspecting or examining facilities, premises, installations and processes, for inspection and copying of records, and for reviewing pretreatment operating procedures and to determine compliance with the terms and conditions of special discharge permit.

Section VII-402. Fees

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- a) Persons subject to the provisions of these rules are responsible for payment of applicable sewer charges, including any applicable Surcharges.
- b) Where the volume of Wastewater discharged under a special discharge permit exceeds 1,000,000 gallons per annum, the Industrial Waste control fee shall be assessed and paid prior to commencement of the discharge.

Article V Enforcement

The Control Authority shall enforce compliance with the special discharge permit in accordance with Chapter II, including a temporary suspension of the special discharge permit or revocation of the special discharge permit. Where the Control Authority has revoked the special discharge permit, the special discharge permit holder may appeal the revocation order in accordance with Article VI of these rules.

Article VI Appeal

The decisions and actions taken by the Industrial Waste Control Group and the Control Authority affecting the administration, implementation, and enforcement of the Environmental Remediation Wastewater, Groundwater and Occasional or Special Wastes Sources Wastewater Program are subject to review through a two-step appeal process. Although the majority of disputes are resolved through open communication, there may be a point where a User seeks to formalize their objection(s) and seek administrative review. The Appeal procedures recognized under these rules are described in Chapter VIII.

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GLWA Rules

CHAPTER VIII: ADMINISTRATIVE APPEAL PROCEDURES

The following rules describe the Administrative Appeals Procedures developed and adopted by the Control Authority to resolve disputes with the technical subject matter of these rules or resolve disputes on the meaning of these rules. A User who believes it is aggrieved of the actions of the Authority in enforcing these Rules may appeal to the Control Authority for the relief of that dispute. An appeal shall be made as follows:

Article I APPEAL PROCEDURE

Section VIII-101. Appeal Request

- a) The appeal request must be in writing, directed to the Chief Compliance Officer and received within 21 days of the decision or act that is the subject of the appeal. The appeal request shall be made in triplicate and shall set forth the specific act or matter complained of and in dispute. Additionally, the appeal request shall include all documentation which supports the User's position.
- b) The Chief Compliance Officer shall within thirty (30) days of receipt of a written appeal request, acknowledge such receipt in writing to all interested parties. Thereafter, the Chief Compliance Officer shall arrange for a hearing to be held in accordance with Section 3 of this Chapter, or if appropriate, direct a representative of the IPP Program (IPP Representative) to schedule a conciliation meeting with the appellant as soon as practicable, at the mutual convenience of the parties to resolve the dispute.

Article II CONCILIATION MEETING

Section VIII-102. Conciliation Meeting Procedure

- a) If a conciliation meeting is held, it shall be open to all interested parties and their representatives. The meeting may be adjourned to a mutually acceptable date or dates.
- b) If the User or IPP Representative determines that the dispute cannot be resolved through the conciliation meeting process, the parties shall so inform the Chief Compliance Officer in writing and request a hearing in accordance with Section 3 of this Chapter. If future conciliation meetings are no longer needed, the Chief Compliance Officer shall notify the parties involved and issue a decision within fifteen (15) days, in writing, by mail, to the interested parties to the dispute.
- c) If it is determined by all interested parties and the IPP Representative that the dispute has been satisfactorily resolved through the conciliation meeting process, within thirty (30) days of the last conciliation meeting, the IPP Representative shall reduce such resolution to the form of a written agreement or order for signature by the interested parties.

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Article III HEARING PROCEDURE

Section VIII-103. Hearing Procedure

- a) In the event a hearing is required pursuant to Sections 1 or 2(b) of this Chapter, the Chief Compliance Officer shall promptly appoint a disinterested hearing officer with suitable qualifications to conduct an administrative hearing and to receive testimony and evidence presented by the aggrieved party. The hearing officer shall also receive testimony and evidence from the Control Authority or others as he or she deems necessary.
- b) The hearing officer shall conduct the hearing and file a written report of said hearing with the Chief Compliance Officer or his designee within thirty (30) days of his/her appointment. The hearing officer shall have the right to extend this thirty-day period for good cause. However, in such event, his/her report will be submitted to GLWA Chief Compliance Officer within fifteen (15) days of the conclusion of the hearing and the taking of testimony and evidence.
- c) The hearing officer's report shall include a brief statement of factual matters at issue, the nature of the testimony and evidence received and shall include a recommendation to either uphold or modify the decision or action in question on such terms as the hearing officer deems equitable.
- d) Upon receipt of the hearing officer's report, the Chief Compliance Officer shall render his/her decision in writing within fifteen days of the receipt of the report. In any event, the Chief Compliance Officer shall not be bound by the recommendation of the hearing officer. The decision of the Chief Compliance Officer shall be final and enforceable at law, unless the appeal involves a citation and a subsequent appeal is made within sixty (60) days and the Authority grants a review of the Chief Compliance Officer's decision. The decision of the Authority shall be final.
- e) A person or Member Community aggrieved by a final decision of the Chief Compliance Officer or the Authority may petition to the Wayne County Circuit Court for judicial review. The petition shall be filed not later than sixty (60) days following the receipt of the final decision. An aggrieved person or municipality shall exhaust all administrative remedies provided in this Section before seeking judicial review.
- f) With respect to the hearing conducted, the hearing officer shall not be bound strictly by the rules of evidence which would apply in a court of competent jurisdiction. The hearing officer shall have the authority to receive such evidence as he/she deems relevant and material and to give the evidence received such weight and probative value as, in the hearing officer's discretion, is deemed proper.

SAVINGS CLAUSE

If any provision, paragraph, section or article of these rules are invalidated by any court of competent jurisdiction, the remaining provisions, paragraphs, words, sections and articles shall not be affected and shall continue in full force and effect.

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GLWA Rules

Approved:

Published:

Effective:

Version Date: 10/28/2019

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CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 22, 2020

ITEM: Establish Annual Tax Rate for Submission to Wayne County

PRESENTER: Mark Clinton, Treasurer

BACKGROUND:

We are required to submit our completed Form L-4029 to the Wayne County Equalization Division each year by September 30th. The purpose of this form is to establish the tax rate that will be levied for the upcoming tax year.

ATTACHMENT:

2020 Tax Rate Request Form L-4029

RESOLUTION: I move to approve Resolution 2020-09-22-93 hereby approving the attached 2020 Tax Rate Request Form L-4029 as completed by Treasurer Clinton with a millage request of 5.1689 to be levied on December 1, 2020 and to authorize the Township Clerk and Supervisor to sign the form and submit it to the Wayne County Equalization Division prior to the September 30, 2020 deadline.

STATE OF MICHIGAN COUNTY OF WAYNE CHARTER TOWNSHIP OF PLYMOUTH

RESOLUTION # 2020-09-22-93

ANNUAL TAX RATE WAYNE COUNTY SUBMISSION

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall located at 9955 N. Haggerty Road, Plymouth, Michigan on September 22, 2020, the following resolution was offered:

WHEREAS, each year, the Charter Township of Plymouth is required to complete Form L-4029 which details the local tax rate request for the upcoming winter tax season; and

WHEREAS, this Form L-4029 is required to be submitted to the Wayne County Equalization Division before September 30th;

NOW, THEREFORE BE IT RESOLVED, that the Board hereby approves the attached 2020 Tax Rate Request Form L-4029 as completed by Treasurer Clinton with a millage request of 5.1689 to be levied on December 1, 2020 and authorizes the Township Clerk and Supervisor to sign the form and submit it to the Wayne County Equalization Division prior to the September 30, 2020 deadline.

Present:	[Curmi, Clinton, Dempsey, Doroshewitz, Heise, Heitman, Vorva]
Moved by:	
Supported by	y:
	Roll Call Vote
Ayes:	
Nays:	
Adopted:	Regular Meeting of the Board of Trustees on September 22, 2020.
	Jerry Vorva, Clerk, Charter Township of Plymouth

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	Certification
STATE OF MICHIGAN)	<u></u>
COUNTY OF WAYNE)	
I hereby certify that the forego which is on file in my office.	ing is a true copy of the above Resolution, the original of
Jerry Vorva, Clerk Charter Township of Plymouth	Date

Resolution: 2020-09-22-93

Michigan Department of Treasury 614 (Rev. 01-20)

ORIGINAL TO: County Clerk(s)
COPY TO: Equalization Department(s)
COPY TO: Each township or city clerk

L-4029

2020 Tax Rate Request (This form must be completed and submitted on or before September 30, 2020)

Carefully read the instructions on page 2.

				OARD OF COMM 211,34 and 211,34d. F			tv applies.				Carefully read	ine moundions	on page 2.	
County(ies) When						2020 Taxable Value of ALL Properties in the Unit as of 5-26-2020 1,899,000,970								
Local Government	-	-	For LOCAL School Districts: 2020 Taxable Value excluding Principal Residence, Qualified Agricuttural, Qualified Forest, Industrial Personal and Commercial Personal Properties.											
This form must authorized for	t be complete	d for each	unit of gove	mment for which a	a property	tax is levic	ed. Penalty for non-	filing is pro	ovided u	nder MCL Sec	211.119, The follo	wing tax rates ha	v e been	
(1) Source	(2) Purpose of Millage	(3) Date of Election	(4) Original Millage Authorized to Election Charter, etc.	211,34d	ly 2020 L Year "I Millage	20 Current Rate Permanently in Theadlee" Reduced by MCL		(8) Sec. 211.3 in Assess Equaliz Millage R Fract	34 Truth sing or ation ollback	(9) Maximum Allowable Millage Levy *	(10) Millage Requested to be Levied July 1	(11) Millage Requested to be Levied Dec. 1	(12) Expiration Date of Millage Authorized	
Charter	General	N/A	1.0000	0.8134	0.996	63	0.8103	1.0000		0.8103		0.8103	N/A	
Voted	Fire	05/2001	1.0000	0.9903	0.996	63	0.9866	1.0000		0.9866		0.9866	TY 2020	
Voted	Police & Fire	02/2015	1.6348	1.6272	0.996	33	1.6211	1.0000		1.6211		1.6211	TY 2035	
Voted	Police & Fire	02/2015	0.5631	0.5604	0.996	63	0.5583	1.0000		0.5583		0.5583	TY 2035	
Voted	Police & Fire	11/2018	1.2000	1.1971	0.996	63	1.1926		1.0000			1.1926	TY 2035	
	51.													
							7			144	er er	5.1689	13	
										(
Prepared by Mark J. Cli	inton			ephone Number 734) 354-3214			Title of Prepare		0		Date 09/22/2020			
reduced if nece	essary to comp	ly with the	state constitu	tion (Article 9. Section	on 31), and	that the re	ertify that these requequested levy rates have been a Supplementa	nave also be	en reduc	nave been ed, if	Encertschool en une miliage to be levied.	See STC Bulletin 2 See STC Bulletin 2 slettin this section	to if requesting of 2020 for	
380.1211(3).	ompsy with MC	L Sections	Z11.246, Z11	.34 and, for LOCAL	, SCHOOL GIS	tiicts willcii	печу а очрыстина	i) (i loid i lait		age,	Total School Dist	trict Operating		
Clerk	Signature			30	Print Name Jerry V	lorva			Date 09/22		and NH Oper ON	ILY)	Rate	
Secretary Chairperso	n Signature				Print Name	JITA	iii.		Date		For Principal Residence Ag, Qualified Fore Personal			
President	Oignature				Kurt H	eise			09/22	/2020	For Commercial P	ersonal		
							which will not exceed erating levy which is i				For all Other			
but not larger the	an the rate in o	column 9.								Ĺ	i di ali dulei		L	

^{**} IMPORTANT: See instructions on page 2 regarding where to find the millage rate used in column (5).

Instructions For Completing Form 614 (L-4029) 2020 Tax Rate Request,

Millage Request Report To County Board Of Commissioners

These instructions are provided under MCL Sections 211.24e (truth in taxation), 211.34 (truth in county equalization and truth in assessing), 211.34d (Headlee), and 211.36 and 211.37 (apportionment).

Column 1: Source. Enter the source of each millage. For example, allocated millage, separate millage limitations voted, charter, approved extra-voted millage, public act number, etc. Do not include taxes levied on the Industrial Facilities Tax Roll.

Column 2: Purpose of millage. Examples are: operating, debt service, special assessments, school enhancement millage, sinking fund millage, etc. A local school district must separately list operating millages by whether they are levied against ALL PROPERTIES in the school district or against the NON-HOME group of properties. (See State Tax Commission Bulletin 2 of 2020 for more explanation.) A local school district may use the following abbreviations when completing Column 2: "Operating ALL" and "Operating NON-HOME". "Operating ALL" is short for "Operating millage to be levied on ALL PROPERTIES in the local school district" such as Supplemental (Hold Harmless) Millages and Building and Site Sinking Fund Millages. "Operating NON-HOME" is short for "Operating millage to be levied on ALL PROPERTIES **EXCLUDING** PRINCIPAL RESIDENCE, QUALIFIED AGRICULTURAL, QUALIFIED FOREST AND INDUSTRIAL PERSONAL PROPERTIES in the local school district" such as the 18 mills in a district which does not levy a Supplemental (Hold Harmless) Millage.

Column 3: Date of Election. Enter the month and year of the election for each millage authorized by direct voter approval.

Column 4: Millage Authorized. List the allocated rate, charter aggregate rate, extra-voted authorized before 1979, each separate rate authorized by voters after 1978, debt service rate, etc. (This rate is the rate before any reductions.) Column 5: 2019 Millage Rate Permanently Reduced by MCL 211.34d ("Headlee") Rollback. Starting with taxes levied in 1994, the "Headlee" rollback permanently reduces the maximum rate or rates authorized by law or charter. The 2019 permanently reduced rate can be found in column 7 of the 2019 Form L-4029. For operating millage approved by the voters after April 30, 2019, enter the millage approved by the voters. For debt service or special assessments not subject to a millage reduction fraction, enter "NA" signifying "not applicable."

Column 6: Current Year Millage Reduction Fraction. List the millage reduction fraction certified by the county treasurer for the current year as calculated on Form 2166 (L-4034), 2020 Millage Reduction Fraction Calculations Worksheet. The millage reduction fraction shall be rounded to four (4) decimal places. The current year millage reduction fraction shall not exceed 1.0000 for 2020 and future years. This prevents any increase or "roll up" of millage rates. Use

1.0000 for new millage approved by the voters after April 30, 2020. For debt service or special assessments not subject to a millage reduction fraction, enter 1.0000.

Column 7: 2020 Millage Rate Permanently Reduced by MCL 211.34d ("Headlee") Rollback. The number in column 7 is found by multiplying column 5 by column 6 on this 2020 Form L-4029. This rate must be rounded DOWN to 4 decimal places. (See STC Bulletin No. 11 of 1999, Supplemented by Letter of 6/7/2000.) For debt service or special assessments not subject to a millage reduction fraction, enter "NA" signifying "not applicable."

Column 8: Section 211.34 Millage Rollback Fraction (Truth in Assessing or Truth in Equalization). List the millage rollback fraction for 2020 for each millage which is an operating rate. Round this millage rollback fraction to 4 decimal places. Use 1.0000 for school districts, for special assessments and for bonded debt retirement levies. For counties, villages and authorities, enter the Truth in Equalization Rollback Fraction calulated on STC Form L-4034 as TOTAL TAXABLE VALUE BASED ON CEV FOR ALL CLASSES/TOTAL TAXABLE VALUE BASED ON SEV FOR ALL CLASSES. Use 1.0000 for an authority located in more than one county. For further information, see State Tax Commission Bulletin 2 of 2020. For townships and cities, enter the Truth in Assessing Rollback Fraction calculated on STC Form L-4034 as TOTAL TAXABLE VALUE BASED ON ASSESSED VALUE FOR ALL CLASSES/TOTAL TAXABLE VALUE BASED ON SEV FOR ALL CLASSES. The Section 211.34 Millage Rollback Fraction shall not exceed 1.0000.

Column 9: Maximum Allowable Millage Levy. Multiply column 7 (2020 Millage Rate Permanently Reduced by MCL 211.34d) by column 8 (Section 211.34 millage rollback fraction). Round the rate DOWN to 4 decimal places. (See STC Bulletin No. 11 of 1999, Supplemented by Letter of 6/7/2000.) For debt service or special assessments not subject to a millage reduction fraction, enter millage from Column 4.

Column 10/Column 11: Millage Requested to be Levied. Enter the tax rate approved by the unit of local government provided that the rate does not exceed the maximum allowable millage levy (column 9). A millage rate that exceeds the base tax rate (Truth in Taxation) cannot be requested unless the requirements of MCL 211.24e have been met. For further information, see State Tax Commission Bulletin 2 of 2020. A LOCAL School District which levies a Supplemental (Hold Harmless) Millage shall not levy a Supplemental Millage in excess of that allowed by MCL 380.1211(3). Please see the memo to assessors dated October 26, 2004 regarding the change in the collection date of certain county taxes.

Column 12: Expiration Date of Millage. Enter the month and year on which the millage will expire.



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 22, 2020

ITEM: Public Safety - Proposed and Revised FY2020 Budget Requests

PRESENTER: Supervisor Heise and Finance Director Moriarty

BACKGROUND: For tonight's meeting Director Moriarty and I will outline the Public Safety Departments 2021 requested budgets. I would also request that the Board formally receive and file these documents at tonight's meeting.

Tonight's discussions: Public Safety Budget requests:

- FY2021 Police Department Revised Budget
- FY2021 Dispatch/Jail Revised Budget
- FY2021 Drug Forfeiture Fund Proposed Budgets
- FY2021 Fire Department Proposed Budget & Revised
- FY2021 Emergency Preparedness Proposed Budget

Key points:

- FY2021 Police Department revised budget reflects an increase in the General Fund Expenditure Capital Outlay account for an additional Detective Bureau Ford Explorer in the requested amount of \$44,000
- FY2021 Dispatch/Jail revised budget reflects an increase in the proposed budgeted revenue cost share from the City of Plymouth from \$342,000 to \$440,000 to align with the annual average historical cost share at 30% of the operational cost minus capital outlay. This represents a \$98,000 increase to FY2021 General Fund Proposed Revenue. Equature system 5yr Financing vs. lease decreased expenditures by \$700 from \$9,400 to \$8,700
- FY2021 Fire Department revised budget reflects in increase in the proposed budgeted revenues for the SAFER Grant federal funding from \$75,000 to \$145,000 representing a \$70,000 increase to FY2021 General Fund Proposed Revenue and a decrease to the FY2022 Forecast Budget year of \$25,000
- Current revisions affect the Proposed General Fund Revenues (financing sources) over the General Fund Expenditures (financing uses) increasing the expected surplus from \$323,100 to \$447,800

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TOTAL ESTIMATED REVENUES

BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

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5,054,000

Fund: 101 General Fund

2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL ARTMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET ESTIMATED REVENUES 101-305-403.000 PROPERTY TAXES 3,204,500 4,550,200 3,371,400 3,371,400 4,839,300 4,960,300 101-305-457.000 DOG LICENSE 4,400 4,300 4,400 4,000 4,400 4,400 101-305-460.080 MISC GRANT REVENUE 4,700 101-305-543.000 State Grant - Public Safety 18,900 101-305-607.000 DISTRICT COURT FEES 12,000 11,600 13,000 10,000 15,000 15,000 101-305-607.020 POLICE-ALARMS 20,200 30,800 1,000 12,000 12,000 13,000 101-305-629.000 POLICE REPORTS 8,800 10,700 10,000 10,000 10,000 10,500 101-305-629.500 CHARGES FOR OVERTIME 56,600 38,700 19,000 50,000 25,000 25,800 101-305-698.000 MISCELLANEOUS INCOME 20,000 23,800 3,000 20,000 20,000 20,000 101-305-698.500 Law Enforcement Distr Funds 7,200 4,600 5,000 5,000 5,000 5,000

4,693,600

3,426,800

3,482,400

4,930,700

3,338,400

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Fund: 101 General Fund

2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL ARTMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET APPROPRIATIONS 101-305-703.000 361,800 ELECTED OFFICIALS 258,400 294,900 361,800 365,400 374,800 101-305-705.000 SUPERVISORY 449,700 534,300 455,600 455,600 476,200 490,200 101-305-706.000 NON-SUPERVISORY 1,475,800 1,528,400 1,653,300 1,653,300 1,680,800 1,791,900 101-305-707.000 73,600 51.700 52,300 52,300 95,600 100,400 (2021) Requesting (1) PT to (1) FT Admin Assistant (TPOAM) 101-305-708.000 25,200 23,000 30,800 47,900 (2021) Reclassified to -708.000 Request for 1 Full time Admin Assistant 101-305-709,000 OVERTIME 129,900 101,900 100,000 100,000 104,500 107,100 101-305-709.040 HOLIDAY PAY 90,300 104,100 100,000 89,100 101,500 104,000 101-305-709.060 SHIFT DIFFERENTIAL 5,200 10,000 18,000 10,000 10,300 FRINGE BENEFITS 101-305-714.000 269,800 271,300 274,400 274,400 295,600 298,300 (2021) Medical/Optical/Vision/Life & LTD 101-305-714.010 DC 401a RETIREMENT 21,200 19,500 26,200 26,200 115,700 128,400 (2021) Reclassifying 401a DC Members from DB Pension Account 714.030 101-305-714.030 DB Pension Plan - Police 443,200 551,100 670,900 670,900 642,200 706,600 FOOTNOTE AMOUNTS: 317,500 353,600 (2021) DB MERS Pension Plan POAM FOOTNOTE AMOUNTS: 275,200 288,600 (2021) DB MERS Pension Plan COAM FOOTNOTE AMOUNTS: 78,200 (2021) Reclassified 401a DC Plan Members to -714.010 GL # FOOTNOTE TOTAL: 670,900 642,200 101-305-714.500 FRINGE BENEFITS - RETIREES 157,000 178,200 173,500 173,500 177,200 180,000 101-305-715.000 SOCIAL SECURITY 187,100 207,300 185,600 212,300 216,800 227,900 101-305-720.000 WORKERS COMP/INSURANCE 48,500 47,300 40.800 47,700 29,500 29,500 101-305-727.000 Office Supplies 8,900 15,900 10,000 10,000 10,000 10,000 (2021) General Office Supplies - Office Depot (2021) Toner/Ink Cartridges 101-305-757.000 Operational Supplies 5,300 6,600 (2021) Operational Supplies reclassified from Build/Gnds Repair Account 101-305-758-000 22,100 22,500 15,000 15,000 (2021) Account Reclassified to 767.000 Clothing/Uniforms 101-305-759.000 Gasoline/Fuel 30,000 45,800 46,000 (2021) Average \$3,820 per month in Fuel

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Fund: 101 General Fund

2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINALARTMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET APPROPRIATIONS (2021) Reclassified Activity from Account 863.000 101-305-767.000 Clothing/Uniforms 26,000 26,000 FOOTNOTE AMOUNTS: 2,500 (2021) 4 Detective & 1 DEA Clothing Reimbursement FOOTNOTE AMOUNTS: 5,000 (2021) 2 Replacement Officer Hires (Retirements) FOOTNOTE AMOUNTS: 5,000 (2021) Bullet Vests (6) Replacements FOOTNOTE AMOUNTS: 6,000 (2021) Other Uniforms FOOTNOTE AMOUNTS: 4,500 (2021) Dry Cleaning FOOTNOTE AMOUNTS: 3,000 (2021) Training Uniform Replacements GL # FOOTNOTE TOTAL: 26,000 101-305-775.000 Janitorial/Custodial Supplies 2,700 2,700 (2021) B&R Janitorial Supply Reclassifed Activity from Bld/Grds Repair Account (2021)MAINT- BLDG & GROUNDS 101-305-776.000 31,500 27,600 25,000 25,000 (2021) Reclassified Account based on Activity & 930.000 101-305-778.000 Ammunition Supplies 16,300 1,000 7,000 (2021) Simmunitions , Ammo , Shotgun , Targets 101-305-779.000 Firearms/Guns/Tasers 15,100 1,900 1,900 (2021) 2 new replacement handguns & lights 101-305-799.000 Non-Capital Equipment 16,500 11,400 FOOTNOTE AMOUNTS: 2,500 (2021) Touchless Water Fountain (1) FOOTNOTE AMOUNTS: 6,000 (2021) Gas Masks & Canisters (12 Sets @\$500 ea) FOOTNOTE AMOUNTS: 8,000 (2021) Flex Force Riot/Crowd Control Gear (12 Sets @ \$667 ea) FOOTNOTE AMOUNTS: 6,500 (2022) Surefire Tac Lights (25) FOOTNOTE AMOUNTS: 4,900 (2022) Ballistics Vests (6) GL # FOOTNOTE TOTAL: 16,500 11,400 101-305-801.000 Professional & Contractual Service 25,400 27,800 FOOTNOTE AMOUNTS: 10,100 (2021) Advanced Satelite Comp (ASC) Building Security Contract FOOTNOTE AMOUNTS: 300 (2021) OK Fire Equipment - Extinguisher Contract Services FOOTNOTE AMOUNTS: 4,000 (2021) Fifer Investigations - Background Checks 2 potential hires for 2021 FOOTNOTE AMOUNTS: 8,000 (2021) City of Livonia (Yearly SWAT fees and Finger Print services AFIS) 600 FOOTNOTE AMOUNTS: (2021) Mobile Legal Compliance (Sprint, Verizon, T-Mobil, etc)

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Fund: 101 General Fund

2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL ARTMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET APPROPRIATIONS FOOTNOTE AMOUNTS: 600 (2021) State of Michigan (SOR) Registrations FOOTNOTE AMOUNTS: 600 (2021) CDW Government Inc Service Contract (Clemis) FOOTNOTE AMOUNTS: 200 (2021) 3SI Security Systems Contract - PD Tracker FOOTNOTE AMOUNTS: 1,000 (2021) AXION Evidence Room yearly program (2021) Account Reclassified from 818.000 GL # FOOTNOTE TOTAL: 25,400 101-305-818,000 CONTRACTUAL SERVICES 65,000 29,400 48,200 48,200 (2021) Account Reclassified to 801.000 101-305-819.000 DOG POUND FEES 900 600 1,000 1,000 1,200 1,200 (2021) Humane Society of Huron Valley 101-305-832-000 CORRECTIONS CHARGES 2,200 2,700 6,000 6,000 (2021) Reclassifed Account to 101-351-857.000 Prisoner Housing 101-305-843.000 Physicals Exams - Medical Provide: 2,800 2.800 (2021) Occupational Health Centers Pre/Post Physical Exams 2 potential hires (2021)Psychological Exams 101-305-850.000 Communications/Phones/Radio/Cell 10,300 10,300 FOOTNOTE AMOUNTS: 5,600 (2021) CBTS - Phone System FOOTNOTE AMOUNTS: 500 (2021) Verizon Wireless PD I-Pad FOOTNOTE AMOUNTS: 4,200 (2021) Verizon Wireless Cell Phones Reclassified from Account 853.000 (2021)GL # FOOTNOTE TOTAL: 10,300 101-305-851,000 EQUIPMENT MNT/REPAIRS 11,000 15,900 11,000 11,000 (2021) Reclassified Account to 928.000 TELEPHONE 101-305-853.000 10,400 11.700 15,500 15,500 (2021) Account Reclassified to 850.000 101-305-863.000 AUTO EXPENSE 96,800 111,400 90,000 110,000 54,200 54,200 (2021) Car wash / Tires / Repairs / Crash Repairs (2021)Fuel Expense Reclassifed to 759.000 101-305-885.000 COMMUNITY SERVICE 600 5,000 101-305-915.000 Memberships/Dues 2,200 2,200 FOOTNOTE AMOUNTS: 900 (2021) MACP, IACP (3), LERMA FOOTNOTE AMOUNTS: 1,000 (2021) MACP Accreditation -Annual Renewal FOOTNOTE AMOUNTS:

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09/15/2020 11:09 AM User: gmoriarty DB: Plymouth Townshi BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Fund: 101 General Fund

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ORIGINAL ARTM BUDGET	2021 ENT REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS	2200111101		*	110121111	200021	20001	Bobdai
AFFROFRIATIONS	(2021) Wayne County Assoc - Chief of Poli	ce					
	FOOTNOTE AMOUNTS: (2021) Int'l Conf of Police Chaplain - An	nnual Membershi	p			100	
	FOOTNOTE AMOUNTS: (2021) Wayne County Association					100	
	GL # FOOTNOTE TOTAL:					2,200	
101-305-921.000	UTILITIES PROUNTER AMOUNTS.	32,600	29,500	27,000	35,700	31,900	31,900
	FOOTNOTE AMOUNTS: (2021) Water & Sewer - Plymouth Township FOOTNOTE AMOUNTS:					1,400 7,800	
	(2021) Natural Gas - Consumer Energy					•	
	FOOTNOTE AMOUNTS: (2021) Electric - MMRMA Electric Choice					22,700	
	GL # FOOTNOTE TOTAL:					31,900	
101-305-928.000	Office Equipment Service/Repairs (2021) Konica Minolta Business - Copier S (2021) AT&T Global Services - Viper Conne (2021) Applied Concepts Equipment Repairs (2021) Laser Technology Inc Equipment Rep	ection	Agmt			11,000	11,000
101-305-930.000	Land & Building Repairs (2021) Annual Maint: Plumbing, Heating/Co	ooling, & Elect	ric Repairs			5,000	5,000
101-305-940.000	Rentals/Leased Equipment (2021) Dell Financial - Computer Leases (14)				4,000	4,000
101-305-948.000	Computer Services (2021) Police Computer Network/Support (2021) Knight Technology (2021) I.T. Right Inc (2021) L-3 Communications (2021) Planet Technologies Inc (2021) Umbrella Pro - UMB Professional (2021) Power DMS Annual Renewal					22,800	22,800
101-305-954.000	Custodial/Cleaning Services					17,100	17,500
	FOOTNOTE AMOUNTS: (2021) Corporate Cleaning Group - Custodi	al Cleaning Se	rvices			13,700	,
	FOOTNOTE AMOUNTS: (2021) Diamond ProClean LLC - Window Clea	_				900	
	FOOTNOTE AMOUNTS:					2,500	
	(2021) Corousel - Carpet Cleaning Service (2021) Reclassified Activity from 776		epairs				
	GL # FOOTNOTE TOTAL:					17,100	
101-305-956.000	Pest Control Services (2021) Maples Environmental Pest Control (2021) Reclassified from Building/Gr		ccount			800	800
101-305-958.000	MEMBERSHIP/DUES (2021) Account Reclassified to 915.000	900	3,700	2,000	5,000		

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

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Fund: 101 General Fund

2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL ARTMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET APPROPRIATIONS 101-305-960.000 EDUCATION/TRAINING 26,900 27,300 20,000 30,000 30,000 30,000 (2021) 3 Year average of \$28,900 (2021) Oakland, Schoolcraft, Macomb Comm College (2021)DeWolf & Associates or Thomas Reuters (2021)MACP, PSTGP, LERMA, & IACP (2021)Tacticle Encounters, Glock Professionals, & Training Force USA Public Agency Training Council (2021)Mi Muni Risk Mngmt Authority (2021) 101-305-962.000 Canine Services 1,200 101-305-963.000 MISCELLANEOUS EXPENSE 1,400 500 2,000 2,000 (2021) All Activity will be classified to correct account - becoming inactive for FY2021 101-305-970.000 Capital Outlay 322,000 213,000 FOOTNOTE AMOUNTS: 42,000 (2021) 1 Ford Expedition (State pricing) FOOTNOTE AMOUNTS: 81,000 (2021) 3 Dodge Chargers @ 27,000 each FOOTNOTE AMOUNTS: 42,000 (2021) Upfitting of all 4 cars Lights , Cages, Push Bumpers FOOTNOTE AMOUNTS: 12,000 (2021) Building Key Fob Security System FOOTNOTE AMOUNTS: 31,000 (2021) New Drains and resurface Sally Port FOOTNOTE AMOUNTS: 50,000 (2021) Paint and Carpet FOOTNOTE AMOUNTS: 20,000 (2021) Bullet Proof Glass - Front Lobby FOOTNOTE AMOUNTS: 44,000 (2021) 9/10/20 Revised: Detective Bureau - Ford Vehicle (1) FOOTNOTE AMOUNTS: 57,000 (2022) Replacing Two Ford Interceptor Sedans FOOTNOTE AMOUNTS: 30,000 (2022) Replacing Ford Explorer FOOTNOTE AMOUNTS: 27,500 (2022) Replacing Ford Taurus FOOTNOTE AMOUNTS: 23,500 (2022) Vehicle upfitting FOOTNOTE AMOUNTS: 75,000 (2022) Replace HVAC System GL # FOOTNOTE TOTAL: 322,000 213,000 101-305-978-000 CAPITAL EQUIPMENT PURCHASE 40,200 15,900 30,400 66,400 (2021) Account Reclassified to 970.000 Capital Outlay 101-305-978.001 Non-Capital Equipt Purchases < \$5, 200 5,300 (2021) Account Reclassified to 799.000 Non-Capital Equip 101-305-978-500 EQUIPMENT LEASE PAYMENTS 3,900 4,000 5,800 (2021) Account Reclassified to 940.000 TOTAL APPROPRIATIONS 3,982,300 4,236,900 4,509,000 4,574,600 4,960,900 5,095,500 NET OF REVENUES/APPROPRIATIONS - FUND 101 (643,900) 456,700 (1,082,200)(1,092,200)(30,200)(41,500)

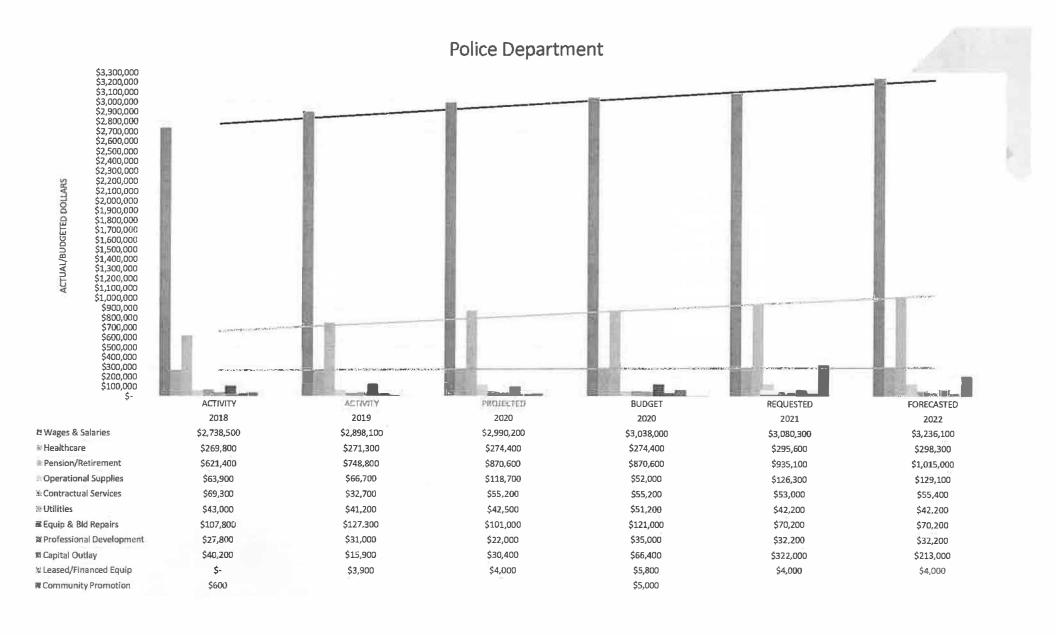
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Police Department

Description	ence wax	2018 ACTIVITY	.Wester	2019 ACTIVITY	 2020 PROJECTED	2020 ADOPTED	F	2021 REQUESTED	F	2022 ORECASTED		Change Y2020 vs. FY2021
Wages & Salaries	\$	2,738,500	\$	2,898,100	\$ 2,990,200	\$ 3,038,000	\$	3,080,300	\$	3,236,100	\$	42,300
Healthcare	\$	269,800	\$	271,300	\$ 274,400	\$ 274,400	\$	295,600	\$	298,300	\$	21,200
Pension/Retirement	\$	621,400	\$	748,800	\$ 870,600	\$ 870,600	\$	935,100	\$	1,015,000	\$	64,500
Operational Supplies	\$	63,900	\$	66,700	\$ 118,700	\$ 52,000	\$	126,300	\$	129,100	\$	74,300
Contractual Services	\$	69,300	\$	32,700	\$ 55,200	\$ 55,200	\$	53,000	\$	55,400	\$	(2,200)
Utilities	\$	43,000	\$	41,200	\$ 42,500	\$ 51,200	\$	42,200	\$	42,200	\$	(9,000)
Equip & Bld Repairs	\$	107,800	\$	127,300	\$ 101,000	\$ 121,000	\$	70,200	\$	70,200	\$	(50,800)
Professional Development	\$	27,800	\$	31,000	\$ 22,000	\$ 35,000	\$	32,200	\$	32,200	\$	(2,800)
Capital Outlay	\$	40,200	\$	15,900	\$ 30,400	\$ 66,400	\$	322,000	\$	213,000	\$	255,600
Leased/Financed Equip	\$	-	\$	3,900	\$ 4,000	\$ 5,800	\$	4,000	\$	4,000	\$	(1,800)
Community Promotion	\$	600				\$ 5,000					Ś	(5,000)
Total	\$	3,982,300	\$	4,236,900	\$ 4,509,000	\$ 4,574,600	\$	4,960,900	\$	5,095,500	\$	386,300

Total Dollar Increase (Decrease) over FY2020	\$ 386,300 \$	134,600
Total Percentage Increase over FY2020	8.4%	2.7%

Expenditure	2021 % of Budget	2022 % of Forecast		
Wages	62%	64%		
Healthcare	6%	6%		
Pension/Retirement	19%	20%		
Wages/Benefits	87%	89%		
Capital Outlay	6%	4%		
All Other	7%	7%		
Total	100%	100%		



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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Fund: 101 General Fund

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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ORIGINAL ARTMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
ESTIMATED REVENU	JES State Grant - Public Safety		200,000				****
101-325-668.020	INTER-GOVT DISPATCH (2021) 9/9/2020 Revised City of Pl (2021) Monthly Invoice based ((2021) FY2020 Projected: Mo I	on 30% of Operational	465,400 Cost of Dispatch	417,500 n/Jail Function	342,000	440,000	450,000
101-325-690.000	911 LOCAL AND STATEWIDE	147,600	144,800	107,000	140,000	148,400	150,000
101-325-698.000	MISCELLANEOUS INCOME		200				
101-325-698.550	PSAP TRAINING FUNDS	5,100	12,700	12,700	12,700	12,700	12,700
TOTAL ESTIMATED R	EVENUES -	494,700	823,100	537,200	494,700	601,100	612,700

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Fund: 101 General Fund

2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL ARTMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET APPROPRIATIONS 101-325-705.000 SUPERVISORY 58,000 74,300 76,400 72,100 78,400 80,400 (2021) Dispatch Supervisor (Wages & Longevity) 101-325-706.000 NON-SUPERVISORY 627,400 631,000 682,000 680,500 710,500 728,200 (2021) 11 FT Police Service Aides (Union Contract 2.5% Inc + Longevity) (2021) Longevity Paid in November 101-325-707.000 CLERICAL 54,000 54,600 57,100 56,200 52,300 55,000 (2021) Sr. Records Clerk (Union Contract 2.5% Inc) year 1 wages 101-325-709.000 44,000 32,700 44,000 56,000 58,800 (2021) Based on 3 Yr Historical Trend (Union Contract 2.5% Wage Inc) 101-325-709.040 HOLIDAY PAY 40,800 35,600 41,800 42,900 (2021) Based on 3 Yr Historical Trend (Union Contract 2.5% Wage Inc) (2021)November Payout per POAM-PSA Contract 101-325-714.000 FRINGE BENEFITS 127,400 116,500 120,700 120,700 149,300 163,700 (2021) Medical/Optical/Vision/Life & LTD 101-325-714-010 DC 401a RETIREMENT 7,400 8.000 61,900 7,800 63,100 64.700 (2021) DC- 401a Deferred Compensation Plan (2021) Annual wages @ 15% (Wages subject to Union Contracts) 101-325-714.050 DB Pension - Communications 113,100 133,400 96.700 149,100 118,600 140,500 (2021) DB- Defind Benefit Plan MERS \$9,885 per mo (22.63% Inc over FY2020) (2021)(2022) DB- Defind Benefit Plan (2022) MERS \$11,709 est. per mo (22.63% Inc over FY2021) 101-325-714.500 FRINGE BENEFITS - RETIREES 9,700 7,700 7,700 7,600 7,300 7,500 101-325-715.000 SOCIAL SECURITY 60,700 63,300 58,300 68,000 68,700 70,400 (2021) Social Security & Medicare @ 3.65% 101-325-720,000 2,200 WORKERS COMP/INSURANCE 2,300 2,300 2,300 10,100 10,100 (2021) MML Report 101-325-727.000 Office Supplies 8,100 4,800 2,500 4.500 2,500 2,500 (2021) Based on 3 Yr Historical Trend 101-325-727.400 OFFICE SUPPLIES LOCKUP & RECORDS 1.400 2.100 2,000 (2021) Reclassified to 101-351 101-325-757.000 Operational Supplies 3,000 3,000 (2021) Reclassify Operational supplies from Office supplies 101-325-758.000 3,700 2,000 3,000 3.000 (2021) Reclassified Account to 101-325-767.000 Clothing/Uniforms 101-325-759.000 Gasoline/Fuel 2,000 2,000 2,000 (2021) Reclassified from Account 963.000 Misc. Expense

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101-325-915.000

Memberships/Dues

BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

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Fund: 101 General Fund

DB: Plymouth Townshi 2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL ARTMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET **APPROPRIATIONS** 101-325-767,000 Clothing/Uniforms 3,000 3,200 (2021) Based on 3 Yr Historical Average 101-325-776.000 MAINT- BLDG & GROUNDS 300 15,400 2,000 (2021) Reclassified Account to 930.000 101-325-799.000 Non-Capital Equipment 4,600 500 (2021) CAD Computers (3) - Including Operating Software Part of Clemis System (2021) 101-325-801,000 Professional & Contractual Service 44,800 44,800 FOOTNOTE AMOUNTS: 29,000 (2021) Clemis - Oakland County Contractual Services @ 3% CPI FOOTNOTE AMOUNTS: 14,500 (2021) Motorola Solutions System Agreement Yr 2 of 2 @ 3% CPI FOOTNOTE AMOUNTS: 1,100 (2021) Fifer Investigations - Background Checks FOOTNOTE AMOUNTS: 200 (2021) BASIC - FSA Administration Services (2021)Reclassified from 818.000 GL # FOOTNOTE TOTAL: 44,800 101-325-818.000 CONTRACTUAL SERVICES 36,700 31,600 39,000 39,000 (2021) Account Recassified to 801.000 Prof & Contractual Svcs 101-325-818.400 CONTRACTUAL SERVICES- LOCKUP & REC 5,200 4,600 5,000 5,000 (2021) Reclassified to 101-351 Corrections/Jail 101-325-835.000 Health Services - Physical Exams 300 300 300 700 300 300 (2021) Employee Physicals & Fitness Tests Communications/Phones/Radio/Cell 101-325-850.000 3,100 3,300 FOOTNOTE AMOUNTS: 1,800 (2021) CBTS - Phone System FOOTNOTE AMOUNTS: 1.300 (2021) Verizon Wireless Cell Phone GL # FOOTNOTE TOTAL: 3,100 101-325-851.000 EQUIPMENT MNT/REPAIRS 21,800 17,200 17,000 (2021) Operational Supplies Reclassified to 101-325-757.000 (2021) Contractual Services to 101-325-818.000 101-325-851,400 EOUIPT MAINT/REPAIR LOCKUP & RECOL 1,300 2,000 2,000 1,300 (2021) Reclassified to 101-351 101-325-853.000 TELEPHONE 13,400 4,000 10,200 4,200 (2021) Reclassified Account to 850.000 101-325-853,400 TELEPHONE LOCKUP & RECORDS 100 11,700 12,200 12,200 (2021) Reclassified to 101-351-850,000

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Fund: 101 General Fund

2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL ARTMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET APPROPRIATIONS FOOTNOTE AMOUNTS: 200 (2021) NENA - Nat'l Emergency # FOOTNOTE AMOUNTS: 200 (2021) LERMA - Law Enforcement Records Mgmt Assoc FOOTNOTE AMOUNTS: 200 (2021) EMD - Emergency Medical Dispatch (Cert) FOOTNOTE AMOUNTS: 500 (2021) MI Comm Director's Association GL # FOOTNOTE TOTAL: 1,100 101-325-921.000 UTILITIES 6.700 6,100 6,400 7.000 6,600 7,000 FOOTNOTE AMOUNTS: 300 300 (2021) Water & Sewer - Plymouth Township FOOTNOTE AMOUNTS: 1,500 1,600 (2021) Natural Gas - Consumer Energy FOOTNOTE AMOUNTS: 4,600 4,700 (2021) Electric - MMRMA Electric Choice GL # FOOTNOTE TOTAL: 6,400 6,600 UTILITIES LOCKUP & RECORDS 6.800 6,100 7,000 101-325-921,400 7,000 (2021) Reclassified to 101-351-921.000 101-325-930.000 Land & Building Repairs 2,000 2,500 (2021) Reclassifed Account from 776.000 101-325-958.000 MEMBERSHIP/DUES 200 700 800 100 (2021) Reclassified Account to 101-325-915.000 101-325-960.000 EDUCATION/TRAINING 5,600 6,500 6,000 6,000 16,000 8,000 FOOTNOTE AMOUNTS: 6,000 (2021) College Tuition Reimbursement per CBA (2) FOOTNOTE AMOUNTS: 8,000 (2021) Yearly Training & Continuing Education -Cerification FOOTNOTE AMOUNTS: 2,000 Two Newer Hires - To Acquire SOM Certification (2021)GL # FOOTNOTE TOTAL: 16,000 MISCELLANEOUS EXPENSE 101-325-963.000 500 1,400 2,000 (2021) Move to Fuel Account 101-325-759.000 101-325-978.000 CAPITAL EQUIPMENT PURCHASE 2,900 311,200 82,800 (2021) Account Reclassified to 970.000 101-325-978.001 Non-Capital Equipt Purchases < \$5, 1,500 9.400 8,700 101-325-991.000 Debt Service - Principal Payments 8,700 (2021) Equature/DSS Corporation Annual Service Agmt/License 5 Year Financing Agreement in Year 2 of 5 (2021) 9/10/2020 Reclassify from Rental/Lease to reflect Financing of (2021)Annual Payment from \$9,400 decreased to \$8,700 101-351-727.000 Office Supplies 1,100 2,700

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

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Fund: 101 General Fund

DB: Plymouth Townshi 2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL ARTMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET APPROPRIATIONS FOOTNOTE AMOUNTS: 800 (2021) Printer ink for Live scan and Mugshot FOOTNOTE AMOUNTS: 300 (2021) General Office Supplies - Office Max GL # FOOTNOTE TOTAL: 1,100 101-351-757.000 Operational Supplies 3,400 3,400 FOOTNOTE AMOUNTS: 1,400 (2021) Rubber Gloves FOOTNOTE AMOUNTS: 400 (2021) Prisoner suits FOOTNOTE AMOUNTS: 600 (2021) New Prisoner blankets FOOTNOTE AMOUNTS: 1,000 (2021) General Operational Supplies GL # FOOTNOTE TOTAL: 3,400 101-351-775.000 Janitorial/Custodial Supplies 700 700 FOOTNOTE AMOUNTS: 200 (2021) Cleaners FOOTNOTE AMOUNTS: 500 (2021) Janitorial Supplies GL # FOOTNOTE TOTAL: 700 101-351-801.000 Professional & Contractual Service 2,800 3,200 FOOTNOTE AMOUNTS: 2,700 (2021) Marquis food services / Prisoner meals Avg. \$150.00 per month FOOTNOTE AMOUNTS: 100 (2021) Interpretor Services GL # FOOTNOTE TOTAL: 2,800 101-351-850.000 Communications/Phones/Radio/Cell 9,900 FOOTNOTE AMOUNTS: 9,700 (2021) AT&T - Fiber Circuits FOOTNOTE AMOUNTS: 200 (2021) CBTS - Phone System GL # FOOTNOTE TOTAL: 9,900 101-351-852.000 Internet Services - Communication 1,200 1,200 (2021) Comcast Highspeed Internet - Video Arraignment 101-351-857.000 Prisoner Housing 25,000 25,000 (2021) Prisoner fees from Wayne County Jail. This was moved from Police 305 account to accurately track jail costs 101-351-921.000 UTILITIES 6,600 7,000 FOOTNOTE AMOUNTS: 300 (2021) Water & Sewer FOOTNOTE AMOUNTS: 1,600 (2021) Natural Gas - Heat FOOTNOTE AMOUNTS: 4,700 (2021) Electric GL # FOOTNOTE TOTAL: 6,600

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2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL ARTMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET APPROPRIATIONS 101-351-930.000 Land & Building Repairs 1,400 1,400 (2021) Prisoner toilet valves and repairs (2021)Horton Plumbing Laird Glass (2021)(2021) Plumbing, Heat/AC, Electric/Bld Construction 101-351-954.000 Custodial/Cleaning Services 2,900 2,900 FOOTNOTE AMOUNTS: 2,000 (2021) Corp. Cleaning of building and Bio Hazzard cells FOOTNOTE AMOUNTS: 900 (2021) Prisoner Blanket cleaning GL # FOOTNOTE TOTAL: 2,900 101-351-970.000 Capital Outlay 15,000 (2021) Digital Fingerprinting Machine 1,608,600 1,342,400 TOTAL APPROPRIATIONS 1,256,400 1,439,700 1,556,600 1,523,800 (761,700) NET OF REVENUES/APPROPRIATIONS - FUND 101 (785,500)(805,200) (945,000) (922,700) (943,900)

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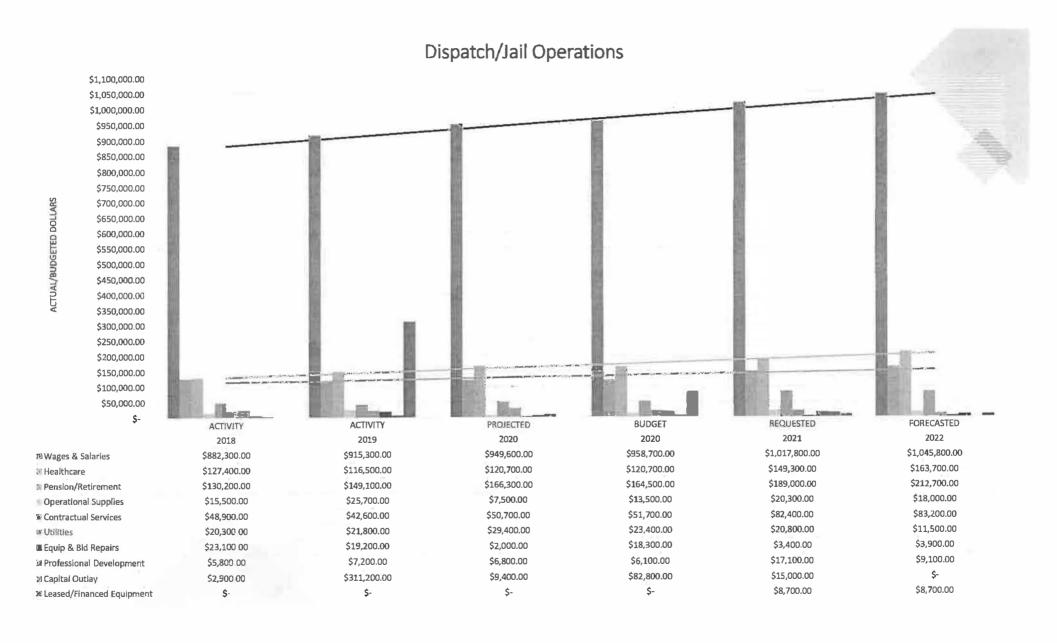
Dispatch/Jail Department

										Change
		2018	2019	2020	2020	2021		2022		FY2020 vs.
Description		ACTIVITY	ACTIVITY	 PROJECTED	ADOPTED	REQUESTED	F	ORECASTED	Secul	FY2021
Wages & Salaries	\$	882,300.00	\$ 915,300.00	\$ 949,600.00	\$ 958,700.00	\$ 1,017,800.00	\$	1,045,800.00	\$	59,100.00
Healthcare	\$	127,400.00	\$ 116,500.00	\$ 120,700.00	\$ 120,700.00	\$ 149,300.00	\$	163,700.00	\$	28,600.00
Pension/Retirement	\$	130,200.00	\$ 149,100.00	\$ 166,300.00	\$ 164,500.00	\$ 189,000.00	\$	212,700.00	\$	24,500.00
Operational Supplies	\$	15,500.00	\$ 25,700.00	\$ 7,500.00	\$ 13,500.00	\$ 20,300.00	\$	18,000.00	\$	6,800.00
Contractual Services	\$	48,900.00	\$ 42,600.00	\$ 50,700.00	\$ 51,700.00	\$ 82,400.00	\$	83,200.00	\$	30,700.00
Utilities	\$	20,300.00	\$ 21,800.00	\$ 29,400.00	\$ 23,400.00	\$ 20,800.00	\$	11,500.00	\$	(2,600.00)
Equip & Bld Repairs	\$	23,100.00	\$ 19,200.00	\$ 2,000.00	\$ 18,300.00	\$ 3,400.00	\$	3,900.00	\$	(14,900.00)
Professional Development	\$	5,800.00	\$ 7,200.00	\$ 6,800.00	\$ 6,100.00	\$ 17,100.00	\$	9,100.00	\$	11,000.00
Capital Outlay	\$	2,900.00	\$ 311,200.00	\$ 9,400.00	\$ 82,800.00	\$ 15,000.00	\$:	\$	(67,800.00)
Leased/Financed Equipment	\$	(300)	\$ 	\$ 	\$ 	\$ 8,700.00	\$	8,700.00	\$	8,700.00
Total	\$:	1,256,400.00	\$ 1,608,600.00	\$ 1,342,400.00	\$ 1,439,700.00	\$ 1,523,800.00	\$	1,556,600.00	\$	84,100.00

Total Dollar Increase (Decrease) over FY2020	\$ 84,100.00	\$ 32,800.00
Total Percentage Increase over FY2020	5.8%	2.29

	2021	2022
Expenditure	% of Budget	% of Forecast
Wages	67%	67%
Healthcare	10%	11%
Pension/Retirement	12%	14%
Wages/Benefits	89%	91%
Capital Outlay	1%	0%
All Other	10%	9%
Total	100%	100%

^{*}Contractual Services- first time to include Prisoner Housing previously budgeted in Police Department Cost increase - Wayne County Jail



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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 2021 ORIGINALARTMENT REQUESTED BUDGET BUDGET	2022 FORECASTED BUDGET
ESTIMATED REVEN 265-300-657.010	UES FORFEITURE REVENUE - FEDERAL	211,400	15,300	900	1.000	
265-300-664.000	INTEREST INCOME	3,700	3,400	1,400	1,400	1,400
265-300-697.000	SALE OF FIXED ASSETS	17,200	10,000			
265-300-978.010	EQUIPMENT PURCHASE REIMBURSEMENT	12,300				
TOTAL ESTIMATED R	REVENUES	244,600	28,700	2,300	1,400	1,400

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH Fund: 265 Drug Law Enforcement Fund - Federal Page:

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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ORIGINALA BUDGET	2021 RTMENT REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS 265-300-808.000	INDEPENDENT AUDIT		6,800		**		V-
265-300-940.000	Rentals/Leased Equipment (2021) Year Four of Taser Lease Program					7,000	7,000
265-300-960.000	EDUCATION/TRAINING	5,500					
265-300-962.000	Canine Services	(1,200)					
265-300-978.000	CAPITAL EQUIPMENT PURCHASE (2021) Account Reclassified to 940.000	297,400	73,300	300			
265-300-978.001	Non-Capital Equipt Purchases < \$5,			59,800	59,800		
TOTAL APPROPRIATION	ons	301,700	80,100	60,100	59,800	7,000	7,000
NET OF REVENUES/A	PPROPRIATIONS - FUND 265	(57,100)	(51,400)	(57,800)	(59,800)	(5,600)	(5,600)

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Fund: 267 Drug Law Enforcement Fund - IRS

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ORIGINAL ARTMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
ESTIMATED REVENU 267-300-657.020	UES FORFEITURE REVENUE - IRS	43,600					
267-300-664.000	INTEREST INCOME	1,000	900	400		400	400
TOTAL ESTIMATED F	REVENUES	44,600	900	400		400	400

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Fund: 267 Drug Law Enforcement Fund - IRS

2019 2018 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL ARTMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET APPROPRIATIONS 267-300-940.000 Rentals/Leased Equipment 1,900 1,900 (2021) Dell Financial - Computer Lease (10) Quarterly 267-300-978.000 CAPITAL EQUIPMENT PURCHASE 1,800 (2021) Account Reclassified to 970.000 Capital Outlay 267-300-978.500 EQUIPMENT LEASE PAYMENTS 1,400 1,900 (2021) Account Reclassified to 940.000 TOTAL APPROPRIATIONS 43,200 1,800 1,900 1,900 1,900 NET OF REVENUES/APPROPRIATIONS - FUND 267 1,400 (900) (1,500) (1,500) (1,500)

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Fund: 266 Drug Law Enforcement Fund - State

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ORIGINAL ARTMEN BUDGET	2021 T REQUESTED BUDGET	2022 FORECASTED BUDGET
ESTIMATED REVE 266-300-657.000		18,800	255,500		***		
266-300-664.000	INTEREST INCOME	1,000	2,300	1,900		2,000	2,000
TOTAL ESTIMATED	REVENUES	19,800	257,800	1,900		2,000	2,000

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH Fund: 266 Drug Law Enforcement Fund - State

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GL NUMBER DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	ORIGINALA	2021 ARTMENT REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS 266-300-818.000 CONTRACTUAL SERVICES	7,700			:33%		
266-300-978.000 CAPITAL EQUIPMENT PURCHAS	BE 200		197,000	197,000		
266-300-978.001 Non-Capital Equipt Purcha TOTAL APPROPRIATIONS	7,900	(4	197,000	1,500		===
NET OF REVENUES/APPROPRIATIONS - FUND 266	11,900	257.800	(195,100)	(198,500)	2,000	2,000

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101-336-698.030

TOTAL ESTIMATED REVENUES

FIRE TRANSPORTS - TWSP

BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH Fund: 101 General Fund

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150,000

3,800,700

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200,000

3,842,400

DB: Plymouth Townshi

2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL TMENT REQUESTED FORECASTED DESCRIPTION GL NUMBER ACTIVITY BUDGET BUDGET BUDGET ESTIMATED REVENUES 101-336-403.000 PROPERTY TAXES 2,295,900 3,224,900 2,399,900 2,399,900 3,429,700 3,515,400 101-336-460.080 MISC GRANT REVENUE 12,400 135,000 101-336-503.000 DEBT PROCEEDS - OTHER FINANCING SC 937,700 101-336-505.000 Federal Grants - Public Safety 91,700 177,000 180,000 145,000 50,000 (2021) 9/4/2020: Revised FY2021 Revenue from \$70k to \$145k 101-336-543.000 State Grant - Public Safety 200,000 200,000 101-336-668.010 INTER-GOVT FIRE SERVICES 101,900 74,000 70,000 75,000 75,000 75,000 101-336-676.000 Reimbursements Revenue 7,300 101-336-698.000 MISCELLANEOUS INCOME 3,200 5,000 1,000 1,000 1,000 2,000

117,100

2,730,500

152,100

4,685,400

150,000

2,805,200

200,000

2,990,900

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

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Fund:	101 General	Fund	

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ORIGINAL TN BUDGET	2021 MENT REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS 101-336-703.000	ELECTED OFFICIALS	111,200	113,900	116,200	115,000	118,500	120,900
101-336-705.000	SUPERVISORY FOOTNOTE AMOUNTS: (2021) IAFF Union Contract Increase 4	859,600	884,200	920,500 920,500	860,000	934,600 907,000	974,500
	FOOTNOTE AMOUNTS:					2,500	
	(2021) Acting Officer pay FOOTNOTE AMOUNTS:					7,400	
	(2021) FLSA Pay FOOTNOTE AMOUNTS:					17,700	
	(2021) Longevity pay (2021) ALS should be in ALS line FOOTNOTE AMOUNTS:	Item					3,000
	(2022) Acting Officer for Lieutenants FOOTNOTE AMOUNTS:						9,000
	(2022) FLSA pay						
	FOOTNOTE AMOUNTS: (2022) Longevity						17,500
	FOOTNOTE AMOUNTS: (2022) CBA Contract pay						945,000
	GL # FOOTNOTE TOTAL:			920,500		934,600	974,500
101-336-706.000	NON-SUPERVISORY FOOTNOTE AMOUNTS:	707,600	880,500	937,100 937,100	982,000	1,014,200 976,000	1,108,700
	(2021) IAFF Union Contract Increase 2. FOOTNOTE AMOUNTS:	5*				12,000	
	(2021) Acting Officer pay FOOTNOTE AMOUNTS:	ine Item				10,000	
	(2021) FLSA pay FOOTNOTE AMOUNTS:					4,500	
	(2021) Longevity Pay (2021) ALS pay should be in ALS line I FOOTNOTE AMOUNTS:					11,700	
	(2021) HC Opt-Out Pay GL # FOOTNOTE TOTAL:			937,100		1,014,200	
101-336-707.000	CLERICAL (2021) TPOAM Union Contract Increase 2	43,500 .5%	44,500	45,500	46,000	46,700	47,800
101-336-709.000	OVERTIME	175,800	132,400	130,000	130,000	140,000	140,000
101-336-709.010	ACT 604 OVERTIME (2021) Past three years show we only p	65,800 ay out under 7	65,600 70000	68,000	90,000	70,000	75,000
101-336-709.020	FOOD ALLOWANCE (2021) 900 per firefighter (see CBA)	27,000 @24ff	23,600	21,600	21,600	21,600	21,600
101-336-709.030	ALS PAY (2021) Determined by CBA		72,200	100,900	100,900	113,000	115,000
101-336-709.040	HOLIDAY PAY (2021) Determined by CBA	70,800	76,600	80,000	96,000	104,600	110,500

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH Fund: 101 General Fund

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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ORIGINAL TMI BUDGET	2021 ENT REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS 101-336-714.000	FRINGE BENEFITS (2021) Medical/Optical/Vision/Life	288,300 & LTD/HCSP	267,300	290,000	287,500	300,600	327,100
101-336-714.010	DC 401a RETIREMENT (2021) Alerus - 401a DC Retirement	7,900 Plan @15% Base Pa	5,300	6,700	6,700	148,000	161,300
101-336-714.020	DB Pension - Fire (2021) Defined Benefit - MERS @ \$49	1,622,500 ,437 per Mo (18.5	660,800 % Inc)	552,200	552,200	593,300	703,000
101-336-714.500	FRINGE BENEFITS - RETIREES	340,000	327,000	315,000	330,500	305,000	310,000
101-336-715.000	SOCIAL SECURITY (2021) Social Security & Medicare @	153,200 7.65%	172,500	186,800	186,800	194,700	202,900
101-336-720.000	WORKERS COMP/INSURANCE	53,500	54,600	47,400	55,000	44,000	44,000
101-336-727.000	Office Supplies FOOTNOTE AMOUNTS: (2021) Ink Cartridges	6,200	2,800	5,000	10,000	7,000 2,000	7,000
	FOOTNOTE AMOUNTS:					3,000	
	(2021) Paper, Pens, Paperclips, pos FOOTNOTE AMOUNTS: (2021) Batteries/USB Drives	t its, etc				2,000	
	GL # FOOTNOTE TOTAL:					7,000	
101-336-729.000	SUBSCRIPTIONS, DUES & MEMBERSHIPS (2021) Reclassified Account to 915.	9,000 000 Memberships/D	5,900 pues	11,000	10,000		
101-336-747.000	EXTINGUISHER RECHARGE/SCBE (2021) Reclassifed Account to 801.00	00 Prof & Contrac	tual Services	1,200	2,000		
101-336-757.000	Operational Supplies FOOTNOTE AMOUNTS: (2021) Firefighting Foam					9,000 2,500	9,000
	FOOTNOTE AMOUNTS:					1,000	
	(2021) Absorbant for Auto Accidents FOOTNOTE AMOUNTS: (2021) Road Flares					500	
	FOOTNOTE AMOUNTS: (2021) Other Operating Supplies					5,000	
	GL # FOOTNOTE TOTAL:					9,000	
101-336-758.000	UNIFORMS (2021) Reclassified Account to 767.0	5,200 000 Clothing/Unif	6,100 orms	16,000	15,000		
101-336-758.100	TURN OUT GEAR (2021) Reclassified Account to 767.0	23,000 000 Clothing/Unif	13,400 orms	15,000	12,000		
101-336-759.000	Gasoline/Fuel (2021) 2020 use approx 5,000 per qua	arter		20,000		20,000	20,000
101-336-767.000	Clothing/Uniforms					41,800	41,800

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

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Fund: 101 General Fund

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ORIGINAL TMEN BUDGET	2021 T REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							71.
	FOOTNOTE AMOUNTS: (2021) Firefighter Uniforms @ \$700 (ea) p	er CBA				16,800	
	FOOTNOTE AMOUNTS: (2021) Front Office Staff Uniforms @ \$500	(ea) per CE	A			1,000	
	FOOTNOTE AMOUNTS: (2021) Turn Out Gear - 6 Pair					14,500	
	FOOTNOTE AMOUNTS: (2021) Turn Out Gear - Inspection & Repai	r				3,000	
	FOOTNOTE AMOUNTS:	-				2,200	
	(2021) Fire Boots FOOTNOTE AMOUNTS:					2,200	
	(2021) Fire Helmets FOOTNOTE AMOUNTS:					900	
	(2021) Hoods - (6) Pair FOOTNOTE AMOUNTS:					600	
	(2021) Gloves - (6) pair FOOTNOTE AMOUNTS:					600	
	(2021) Incidentals						
	GL # FOOTNOTE TOTAL:					41,800	
101-336-775.000	Janitorial/Custodial Supplies (2021) B&R Janitorial Supply (2021) Reclassified from Account 776	.000 Build M	aint/Repair			7,500	7,500
101-336-776.000	MAINT- BLDG & GROUNDS (2021) Reclassified Account to 930.000 La	46,300 nd & Buildin	51,600 g Repairs	50,000	50,000		
101-336-799.000	Non-Capital Equipment FOOTNOTE AMOUNTS:					20,000	15,000
	(2021) SCBA bottles x 4 FOOTNOTE AMOUNTS:					4,000	
	(2021) Equipment - Hose appliaces, gated FOOTNOTE AMOUNTS:	wye, adapter	S			2,500	
	(2021) Ventilation Saw FOOTNOTE AMOUNTS:					7,500	
	(2021) Other Non-Capital Equipment					•	
	GL # FOOTNOTE TOTAL:					20,000	
101-336-801.000	Professional & Contractual Service FOOTNOTE AMOUNTS:					11,000 500	6,000
	(2021) ASC - Fire Station #3 Building Ala: FOOTNOTE AMOUNTS:	rm Contract				500	
	(2021) BASIC Contract - FSA						
	FOOTNOTE AMOUNTS: (2021) OK Fire Equipment Co - Extinguishe:	r Contract S	ervice			1,500	
	FOOTNOTE AMOUNTS: (2021) Pre-Employment Background Checks/F:	ifer				3,500	
	FOOTNOTE AMOUNTS: (2021) Spalding D Decker Sta #3 Project					5,000	
	GL # FOOTNOTE TOTAL:					11,000	
101-336-818.000	CONTRACTUAL SERVICES (2021) Reclassified Account to 801.000	14,000	7,900	10,000	10,000		

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

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Fund: 101 General Fund

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ORIGINAL TME BUDGET	2021 NT REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS 101-336-824.000	LICENSES & SOFTWARE MAINT FEES (2021) Reclassified Account to 948.000	18,700 Computer Serv	13,700	20,000	20,000	-	y 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
101-336-826.000	Legal - Professional Services	400					
101-336-835.000	Health Services (2021) Reclassified Account to 843.000	20,400	8,700	8,000	20,000		
101-336-836.000	RESCUE SERVICE SUPPLIES	28,300	31,400	30,000	30,000	30,000	30,000
101-336-843.000	Physicals Exams - Medical Provider					10,000	25,000
101-336-850.000	Communications/Phones/Radio/Cell FOOTNOTE AMOUNTS:					6,200 4,500	6,200
	(2021) CBTS - Phone System FOOTNOTE AMOUNTS:					1,700	
	(2021) Verizon Wireless Cell Phones GL # FOOTNOTE TOTAL:					6,200	
101-336-851.000	EQUIPMENT MNT/REPAIRS	17,100	28,100	25,000	20,000	25,000	25,000
101-336-853.000	TELEPHONE (2021) Reclassified Account to 850.000	13,800	13,700	14,000	14,000		
101-336-863.000	AUTO EXPENSE	130,600	83,200	85,000	85,000	45,000	45,000
101-336-863.000-2020101V0001	AUTO EXPENSE (2021) Pump Testing/Oil Change					5,000	5,000
101-336-863.000-2020101V0002	AUTO EXPENSE (2021) Pump testing and Oil Change					10,000	10,000
101-336-863.000-2020101V0003	AUTO EXPENSE FOOTNOTE AMOUNTS: (2021) Oil Change and Pump testing					5,000 1,500	5,000
	FOOTNOTE AMOUNTS: (2021) Preventative Maintenance					3,500	
	GL # FOOTNOTE TOTAL:					5,000	
101-336-873.000	TRAVEL EXPENSE (2021) Reclassified to Account 960.000	Educ/Prof Dev	400 /Travel		500		
101-336-880.000	Community Promotion (2021) Reclassified Account from 885.00	0				2,500	2,500
101-336-885.000	COMMUNITY SERVICE (2021) Account Reclassified to 880.000	3,000 Community Pro	2,700 motions	2,000	2,000		
101-336-915.000	Memberships/Dues FOOTNOTE AMOUNTS: (2021) EMS License Renewal					13,000 500	13,000

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH Fund: 101 General Fund

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2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL TMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET APPROPRIATIONS FOOTNOTE AMOUNTS: 1,200 (2021) RAFT Membership FOOTNOTE AMOUNTS: 200 (2021) IAFC Membership FOOTNOTE AMOUNTS: 1,700 (2021) NFPA - Nat'l Fire Protection Association Membership FOOTNOTE AMOUNTS: 200 (2021) SMAFC Membership FOOTNOTE AMOUNTS: 8,000 (2021) CWW Membership (WWMAA) FOOTNOTE AMOUNTS: 1,200 (2021) Other Memberships/Dues Cost (2021) Reclassified Account from 824.000 GL # FOOTNOTE TOTAL: 13,000 101-336-921.000 UTILITIES 63.100 64,600 62,500 60,000 65,300 68,900 FOOTNOTE AMOUNTS: 17,100 (2021) Water & Sewer - Plymouth Township FOOTNOTE AMOUNTS: 14,600 (2021) Natural Gas - Consumer Energy FOOTNOTE AMOUNTS: 33,600 (2021) Electric - MMRMA GL # FOOTNOTE TOTAL: 65,300 101-336-930.000 Land & Building Repairs 41,200 14,500 FOOTNOTE AMOUNTS: 13,000 (2021) Fire Station #2 Paint Apparatus Bay & Roof/Front Facade FOOTNOTE AMOUNTS: 12,000 (2021) Fire Station #3 Repair/replace Parking Lot Lights FOOTNOTE AMOUNTS: 5,000 (2021) Fire Station 1 & 3 - Replace Man Doors (1 @ Sta #1 and 2 @ Sta#3) FOOTNOTE AMOUNTS: 2,200 (2021) Drain Cleaning @ 1 Station Per Yr. FY2021 Fire Station #1 FOOTNOTE AMOUNTS: 9,000 (2021) Regular Building Repairs (4000 repairs in Heating/cooling in 2019) FOOTNOTE AMOUNTS: 3,000 (2022) Fire Station #2 - Clean Drain @ 1 Station Per Yr. FOOTNOTE AMOUNTS: 2,500 (2022) Fire Station #3 - Repair/Replace Apparatus Bay FOOTNOTE AMOUNTS: 9,000 (2022) Regular Building Repairs GL # FOOTNOTE TOTAL: 41,200 14,500 101-336-940.000 Rentals/Leased Equipment 1,200 1,200 (2021) Del Financial - Computer Lease (7) Reclassifed Account from 978.500 (2021) 101-336-948-000 Computer Services 16,200 16,500 FOOTNOTE AMOUNTS: 2,600 (2021) Vector Solutions - Target Safety FOOTNOTE AMOUNTS: 2,200 (2021) APX Solutions FOOTNOTE AMOUNTS: 8,600

(2021) Clemis @ 3% Increase

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH Fund: 101 General Fund

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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ORIGINAL TME BUDGET	2021 NT REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS				Н.		202021	
ALLKOLKIAITOND	FOOTNOTE AMOUNTS:					2,400	
	(2021) Mobile Eyes FOOTNOTE AMOUNTS:					400	
	(2021) ESRI (GIS Access) GL # FOOTNOTE TOTAL:					16,200	
	GI # ECOINGIZ TOTAL.					14,200	
101-336-952.000	Lawncare/Landscaping Services (2021) Lawn Care/Landscaping/Spc.	Mowing/Irrigation				3,600	3,600
101-336-954.000	Custodial/Cleaning Services					3,000	3,000
	FOOTNOTE AMOUNTS: (2021) Corporate Cleaning Custodia	l Services				1,200	
	FOOTNOTE AMOUNTS: (2021) Diamond Proclean LLC					300	
	FOOTNOTE AMOUNTS:					1,500	
	(2021) Carousel - Carpet Cleaning (2021) Reclassified from Acco	unt 776.000					
	GL # FOOTNOTE TOTAL:					3,000	
101-336-956.000	Pest Control Services					2,000	2,000
	(2021) Maples Environmental Pest C (2021) Reclassified from Accor		aint/Repairs			,	-,
101-336-957.000	Trash Collection Services (2021) Advance Disposal Trash/Recy (2021) Reclassified from Acco		aint/Repairs			600	600
101-336-959.000	TRANSPORT BILLING (2021) MHR Billing Services/Transport (2021) Merchants & Medical Credit			8,000 ces	10,000	8,000	8,300
101-336-960.000	EDUCATION/TRAINING	18,700	19,700	22,500	22,500	24,000	24,000
101-336-963.000	MISCELLANEOUS EXPENSE (2021) Account Reclassified based (5,300 on activity - Cont	4,500 ractual or Supp	olies	5,000		
101-336-970.000	Capital Outlay FOOTNOTE AMOUNTS:		937,700	89,100		85,000 36,500	320,000
	(2021) Fire Inspector Vehicle repla	ace (2003)				,	
	FOOTNOTE AMOUNTS: (2021) Emergency Lighting and Graph	nics (Upfit)				7,500	
	FOOTNOTE AMOUNTS: (2021) Furnace & A/C - Replacement	- Fire Station #3	(30 Yer Unit)			11,000	
	FOOTNOTE AMOUNTS: (2021) Drain/Front Apron -Replaceme					30,000	
	FOOTNOTE AMOUNTS:						250,000
	(2022) Replace Ambulance bought in FOOTNOTE AMOUNTS:						45,000
	(2022) Fire Station #2 - Replace To FOOTNOTE AMOUNTS:	ibe Heaters					25,000
	(2022) Fire Station #1 - Replace Fu	ırnaces					
	GL # FOOTNOTE TOTAL:					85,000	320,000

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

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Fund: 101 General Fund

2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL TMENT REQUESTED FORECASTED GL NUMBER DESCRIPTION ACTIVITY BUDGET BUDGET BUDGET APPROPRIATIONS 101-336-970.000-2020101v0002 236,500 Capital Outlay (2021) Project Specific for Purchase of Fire Truck from City of Plymouth - Closes in FY2020 101-336-978.000 CAPITAL EOUIPMENT PURCHASE 499,600 526,700 155,000 155,000 (2021) Reclassified Account to 970.000 101-336-978.001 Non-Capital Equipt Purchases < \$5, 12,800 20,000 50,000 (2021) Reclassified Account to 799.000 101~336-978.500 EQUIPMENT LEASE PAYMENTS 600 1,200 1,200 115,000 (2021) Reclassified Account to 940.000 Rental (2021) Reclassified to Account 991.000 & 992.000 FireTruck Notes Payable SMALL TOOLS 101-336-979.000 4,800 4,800 3,000 (2021) Reclassify to Account 757.000 Operational Supplies 101-336-991.000 Debt Service - Principal Payments 79,800 85,600 82,600 (2021) US Bank - Fire Ladder Truck Purchase Agreement - Principal Reclassified from 978.500 Equip Lease (2021)101-336-992.000 Debt Service - Interest Payments 33,300 30,500 27,600 (2021) US Bank - Fire Ladder Truck Purchase Agreement - Interest 5,460,700 5,631,200 4,842,800 4,581,200 TOTAL APPROPRIATIONS 4,780,000 5,311,100 (2,730,200)(945,800) NET OF REVENUES/APPROPRIATIONS - FUND 101 (2,037,600)(1,590,300)(979,300) (1,468,700)

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Fire Department

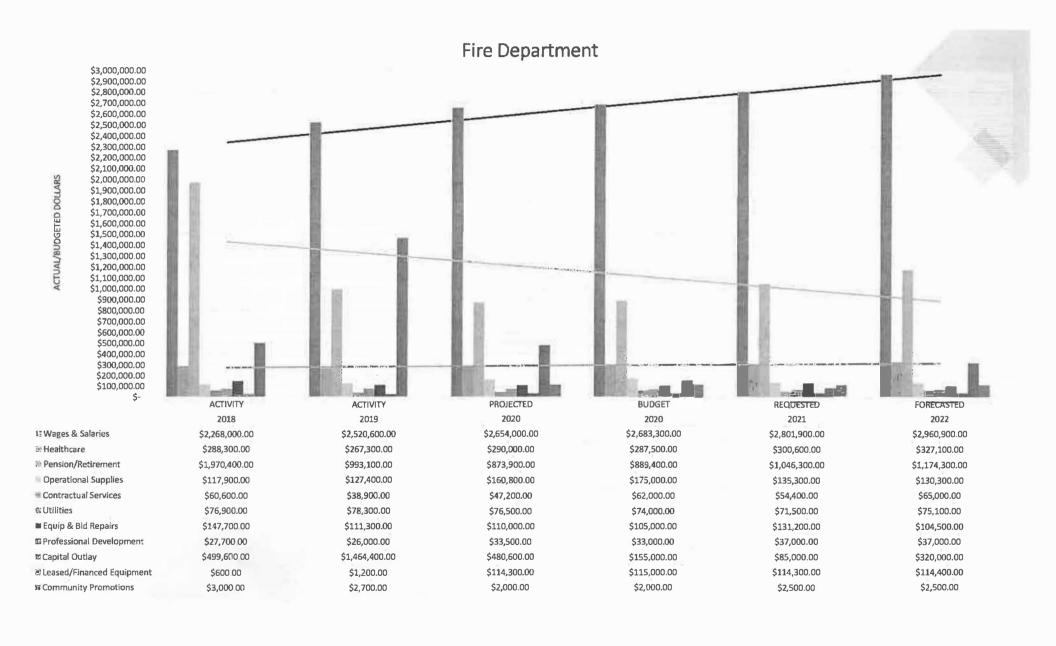
	2018								
	2010	2019	2020	2020	2021		2022		FY2020 vs.
DESCRIPTION	ACTIVITY	ACTIVITY	 PROJECTED	 ADOPTED	 REQUESTED	F	ORECASTED	9.0	FY2021
Wages & Salaries	\$ 2,268,000.00	\$ 2,520,600.00	\$ 2,654,000.00	\$ 2,683,300.00	\$ 2,801,900.00	\$	2,960,900.00	\$	118,600.00
Healthcare	\$ 288,300.00	\$ 267,300.00	\$ 290,000.00	\$ 287,500.00	\$ 300,600.00	\$	327,100.00	\$	13,100.00
Pension/Retirement	\$ 1,970,400.00	\$ 993,100.00	\$ 873,900.00	\$ 889,400.00	\$ 1,046,300.00	\$	1,174,300.00	\$	156,900.00
Operational Supplies	\$ 117,900.00	\$ 127,400.00	\$ 160,800.00	\$ 175,000.00	\$ 135,300.00	\$	130,300.00	\$	(39,700.00)
Contractual Services	\$ 60,600.00	\$ 38,900.00	\$ 47,200.00	\$ 62,000.00	\$ 54,400.00	\$	65,000.00	\$	(7,600.00)
Utilities	\$ 76,900.00	\$ 78,300.00	\$ 76,500.00	\$ 74,000.00	\$ 71,500.00	\$	75,100.00	\$	(2,500.00)
Equip & Bld Repairs	\$ 147,700.00	\$ 111,300.00	\$ 110,000.00	\$ 105,000.00	\$ 131,200.00	\$	104,500.00	\$	26,200.00
Professional Development	\$ 27,700.00	\$ 26,000.00	\$ 33,500.00	\$ 33,000.00	\$ 37,000.00	\$	37,000.00	\$	4,000.00
Capital Outlay	\$ 499,600.00	\$ 1,464,400.00	\$ 480,600.00	\$ 155,000.00	\$ 85,000.00	\$	320,000.00	\$	(70,000.00)
Leased/Financed Equipment	\$ 600.00	\$ 1,200.00	\$ 114,300.00	\$ 115,000.00	\$ 114,300.00	\$	114,400.00	\$	(700.00)
Community Promotions	\$ 3,000.00	\$ 2,700.00	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$	2,500.00	\$	500.00
Total	\$ 5,460,700.00	\$ 5,631,200.00	\$ 4,842,800.00	\$ 4,581,200.00	\$ 4,780,000.00	\$!	5,311,100.00	\$	198,800.00

Total Dollar Increase (Decrease) over FY2020	\$ 198,800.00	\$ 531,100.00
Total Percentage Increase over FY2020	4.3%	11.1%

Expenditure	2021 % of Budget	2022 % of Forecast	
Wages	59%	56%	
Healthcare	6%	6%	
Pension/Retirement	22%	22%	
Wages/Benefits	87%	84%	
Capital Outlay	2%	6%	
All Other	11%	10%	
Total	100%	100%	

^{*}FY2018 Pension/Retirement Actual - includes one-time contribution resulting from COP Settlement

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DESCRIPTION

Federal Grant - COVID

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GL NUMBER

BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Fund: 101 General Fund

2018 2019 2020 2020 2021 2022 ACTIVITY ACTIVITY PROJECTED ORIGINAL TMENT REQUESTED FORECASTED ACTIVITY BUDGET BUDGET BUDGET 25,500

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TOTAL ESTIMATED REVENUES

ESTIMATED REVENUES 101-315-517.000

25,500

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Fund: 101 General Fund

User: gmoriarty
DB: Plymouth Townshi

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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ORIGINAL TME BUDGET	2021 NT REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-315-851.000	EQUIPMENT MNT/REPAIRS FOOTNOTE AMOUNT (2021) Emergency Sirens - Maint		_			10,000 5,000	5,000
	FOOTNOTE AMOUNT (2021) Township Generators - Ma	s:				5,000	
	GL # FOOTNOTE TOTA	L:				10,000	
101-315-950.000	SCHOOL CROSSING GUARD	9,100	8,800	12,000	12,000	12,000	12,000
101-315-951.000	EMERGENCY PREPAREDNESS (2021) Emergency Siren Maintena	6,400 nce Reclassified to 8	16,400 351.000	8,100	8,100	3,000	3,000
TOTAL APPROPRIATIONS		15,500	25,200	20,100	20,100	25,000	20,000
NET OF REVENUES/APPROPRIATION	S - FUND 101	(15,500)	(25,200)	5,400	(20,100)	(25,000)	(20,000)

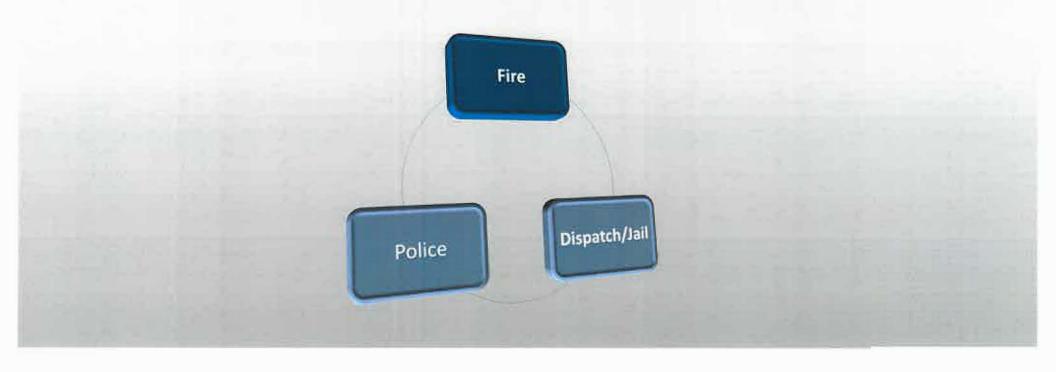
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POWER POINT PRESENTATIONS

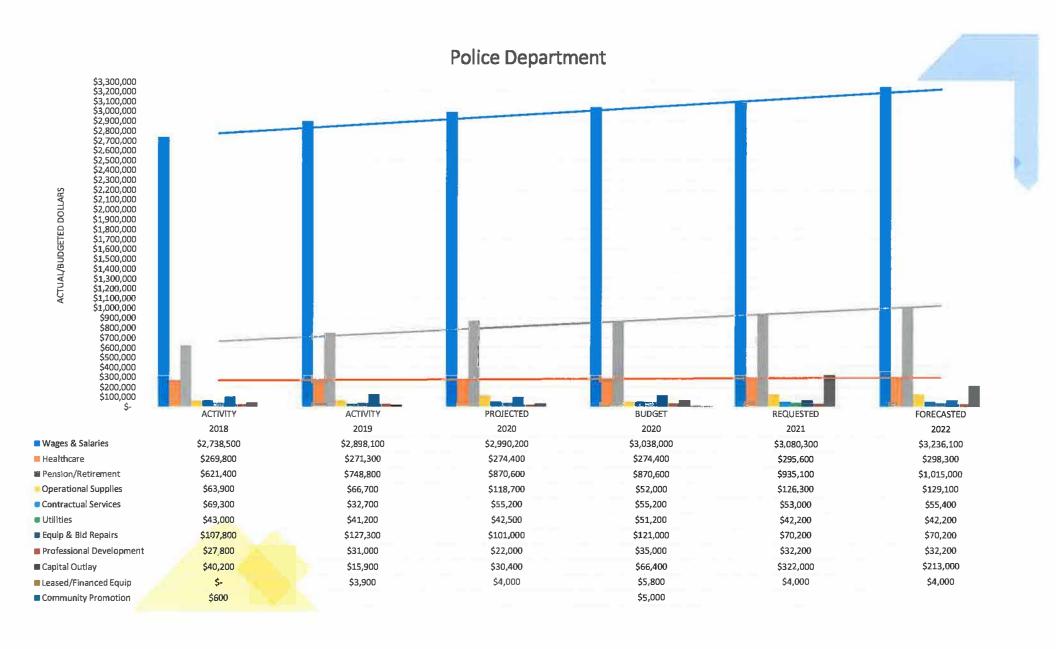
- FINANCE FY2021 REQUESTED BUDGET PUBLIC SAFETY PRESENTATION
- FIRE DEPARTMENT BUDGET REVIEW 2021
- POLICE DEPARTMENT BUDGET REVIEW 2021

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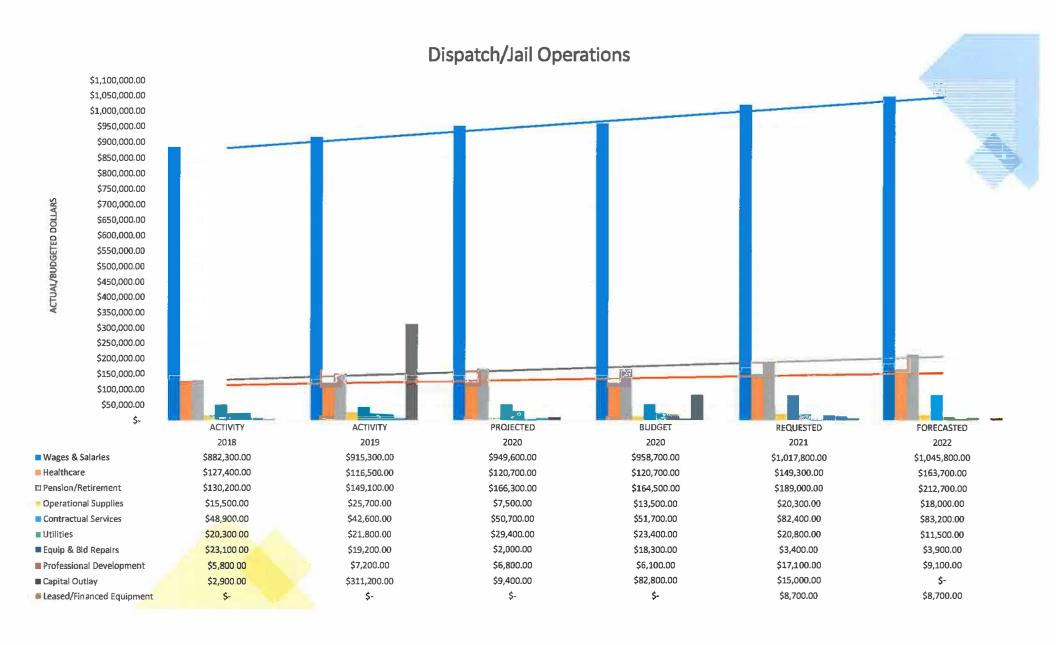
FY2021 Requested Budget Public Safety Presentation



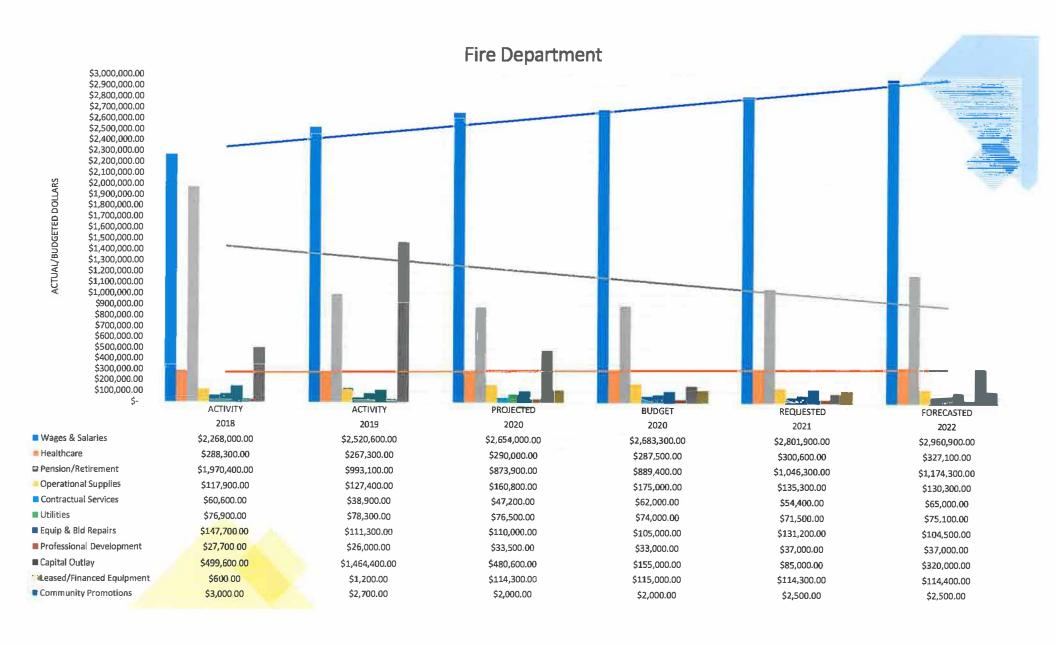
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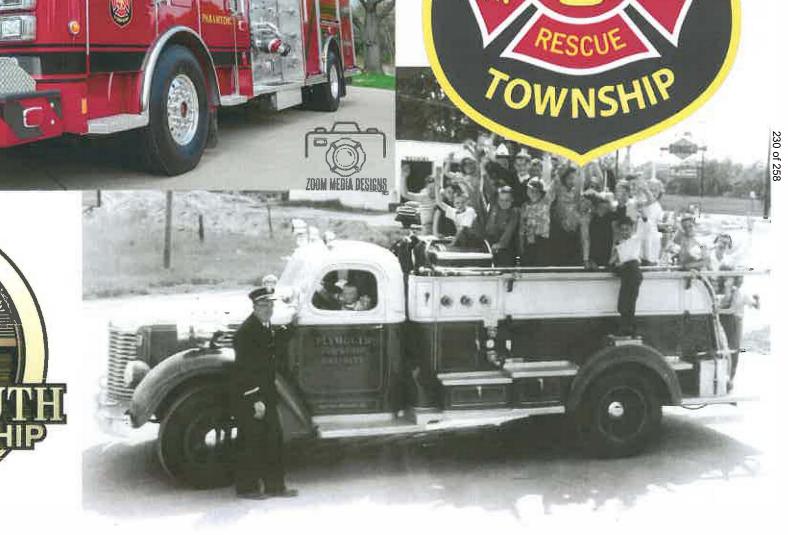


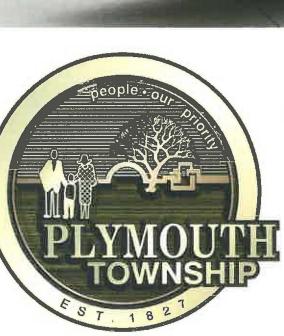
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PLYMOUTH



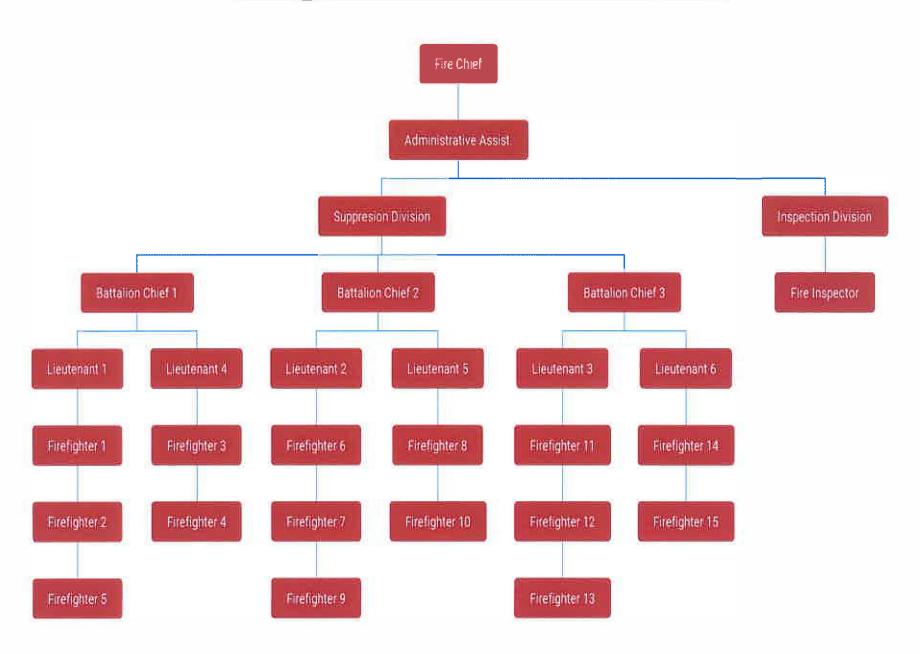


Plymouth Township Mission Statement

The mission of the Plymouth Township Fire Department is to ensure the protection of life and property by providing Fire Suppression, Rescue Operations, Paramedic Services, Hazardous Materials Response, Emergency Management Services, Environmental Emergency Mitigation, and Fire Investigations.

Established in 1947

Organizational Chart



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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

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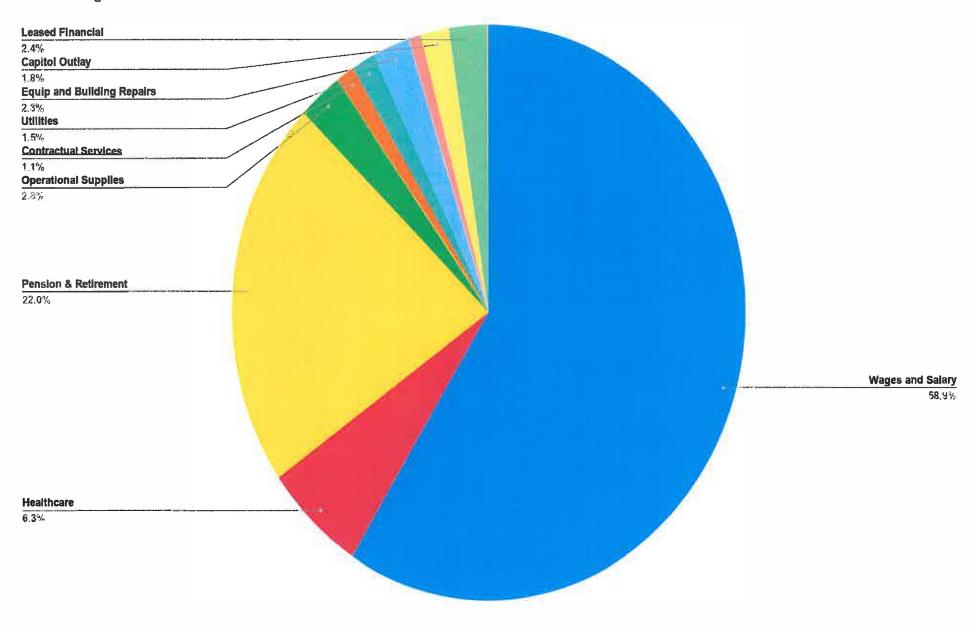
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Calculations as of 12/31/2020

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2015 ACTIVITY	2020 PROJECTED ACTIVITY	2020 ACTIVITY THEW 12/31/20	2021 DEFARIMENT REQUE BUDGET	2022 FORECASTED BUDGET
1 10					22.0 20,02,00		
Dept 336 - Fire 101-336-703.000	ELECTRI: OFFICIALS	111.200	112,990	116,200	72,800	118.5DO	120.900
101-336-705.000	SUPERVISORY	859,600	212,990 864,200	920,500	570,700	934, 600	974,500
101-336-706.000	NON-SUPERVISORY	707.600	B20.50C	937.100	616,700	1,014,200	1.108.700
101-336-707.000	CLEPICAL	43.500	44,500	45,500	29,500	46.700	47,800
101-336-709.000	OVERTIME	175.800	132 400	130.000	64,000	140.000	140.000
101-336-705.910	ACT 604 OVERTIME	65, 800	65,600	68.000	63,000	70,000	75,000
101-336-709.020	FOOD ALLORANCE	27,000	23,600	21,600	10,600	21,600	21,600
101-336-709.030	ALS FAY		72,200	100,900	114,500	113,000	115,000
101-336-709.040	HOLIDAY PAY	70,600	76,600	80,000		104.ED0	110.500
101-336-714.000	FRINGE BENEFITS	288.300	267,300	290, 200	188,100	30∂, €00	327,100
101-336-714.010	DC 401a RETIREMENT DB Peusion - Fire	7,900 1. 622 ,500	5,300 660,800	6,700 552,200	4,300	148,000 593,300	161.300 703.000
101-235-714.020 101-236-714.500	FRINGE BENEFITS - RETIFEES	340,600	327.000	315,000	383,500 222,800	\$05,000	310,000
101-336-715.000	SCCIAL SECURITY	153.200	172,500	186,800	116,700	134.700	202,500
101-536-720.000	WOFFERS COAF/INSTRANCE	53.500	E4_600	47.400	40,750	44.000	44.000
101-356-727.300	Office Supplies	6,200	2.800	5.000	2.100	7.600	7.000
191-336-729.000	SUBSCRIPTIONS, DUES & MEMBERSHIPS	5.000	5,900	11,000	11,000		
101-836-747.000	EXTINGUISHER RECHARGE/SCBE			1,200	760		
101-336-757.300	Operations! Supplies					9,000	9,000
101-336-758.000	UNIFORMS	5,200	€ 100	16.000	16,000		
101-336-758.100	TORN COT G AR	23,000	13,400	15,000	14,100		
101-336-759.000 101-336-767.000	Gasoline/Fuel Clothine/Uniforms			20,000	7,300	20,000 41,560	20,000 41,800
101-336-767.000	Jenitorial/Custodial Supplies					7,500	7,500
101-336-776.00C	MAINT- BLDG & GROUNDS	46,300	51,600	50.000	54,000	7,300	1,500
101-336-799.000	Non-Cerital Equipment	,	02,000	20,035	21,000	20.000	15,000
101-336-801.900	Professional & Contisctual Servic					11,000	6,000
101-336-818.000	CONTRACTUAL SERVICES	14,000	7,900	16,000	3,500	i i	
101-336-814.000	licenses & software maint fees	18,700	13,700	20,300	17.100		
101-336-826.000	Legal - Professional Services	400					
101-336-835.000	Health Services	20,400	8,700	0,000	2,100		
101-336-836.000 101-336-843.000	RESCUZ SERVICE SUPPLIES Physicals Exems - Medical Provide	28,300	32,400	30,300	15,900	30,000 10,000	30,000 25,000
101-336-650.000	Communications/Phones/Radio/Cell					5,200 5,200	25,000 6,2 0 0
101-336-851.000	EQUIPMENT MOF/REPAIRS	27,100	23.100	25,800	20,900	25,000	25,000
101-336-853.000	TELEPHONE	13,800	13.700	14,000	9,900	20,000	20,000
101-336-863.000	AUTO EXPENSE	130,600	83,200	25.000	71.600	65.000	65,000
101-336-273,000	TRAVEL EXPENSE		400		·		
101-336-860.000	Community Promotion					2.500	2,500
101-436-865.000	COMMUNITY SERVICE	3,00B	2,700	2,000	100		
101-336-915.000	Memberships/Dues	63, 100	CA COO	65 566	40 000	15,000	13,000
101-336-921.000 101-356-930.000	UTILITIES Land & Building Repairs	69.109	€4.600	62,500	43.300	65,300	63,900
101-356-940.000	Rentals/Leased Equipment					41,200 1,200	14,500 1,200
101-336-348.000	Computer Services					16,200	16,500
101-336-952.000	Lawncare/Landscaping Services					3,600	3,600
101-336-954.000	Custodial/Cleaning Services					3.000	3,000
101-336-956.000	Fest Control Services					2,000	2,000
101-356-557.000	Trash Collection Services					ତେର	600
101-236-959.000	TEANSPORT BILLING	7,100	8.600	8.000	3,800	6,600	2,300
101-336-960.000	EDUCATION/TRAINING	18,700	19,700	22,500	9,100	24,000	24,000
101-336-9 <i>6</i> 3.000 101-336-970.000	MISCELLAMEOUS EXPENSE Capital Outlay	5,300	4,500 5 37,700	325,600	250,000	85,000	200 000
101-336-978.000	CAPITAL EQUIPMENT FURCHASE	499,600	526,700	155,000	250,090 8,800	ດສ, ນປປ	320,000
101-336-978.001	Non-Capital Equipt Furchases < \$5	. 33, 020	12,800	20,000	15,600		
101-336-978.500	EQUIPMENT LEASE PAYMENTS	609	1.200	1,200	900		
101-336-979.000	SMALL TOOLS	3,600	4,800	4,900	4,800		
101-336-591.000	Debt Service - Principal Payments		•	75,800	79,700	82,€00	85,600
101-536-952.000	Debt Service - Interest Fayments	W. C.		39,300	33,300	30,500	27,60∂
Totals for dept 33	36 Fire Department	5,460,700	5,631,200	4,642,800	3,213,900	4,780,660	5,311,100

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2021 Budget



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Capital Outlay \$85,000

Year: 2021		
Note	2020 Projected	Department Requested
Fire Inspector Vehicle replace (2003)	0.00	36,500.00
Emergency Lighting and Graphics (Upfit)	0.00	7,500.00
Furnace & A/C - Replacement - Fire Station #3 (30 Yer Unit)	0.00	11,000.00
Drain/Front Apron -Replacement - Fire Station #3	0.00	30,000.00





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Land and Building Repairs \$41,200

Year: 2021 ▼ Freeze Notes Column		
Note	2020 Projected	Department Requested
Fire Station #2 Paint Apparatus Bay & Roof/Front Facade	0.00	13,000 00
Fire Station #3 Repair/replace Parking Lot Lights	0.00	12,000.00
Fire Station 1 & 3 - Replace Man Doors (1 @ Sta #1 and 2 @ Sta#3)	0.00	5,000.00
Drain Cleaning @ 1 Station Per Yr. FY2021 Fire Station #1	0.00	2,290.00
Regular Building Repairs (4000 repairs in Heating/cooling in 2019)	0.00	9,000.00



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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

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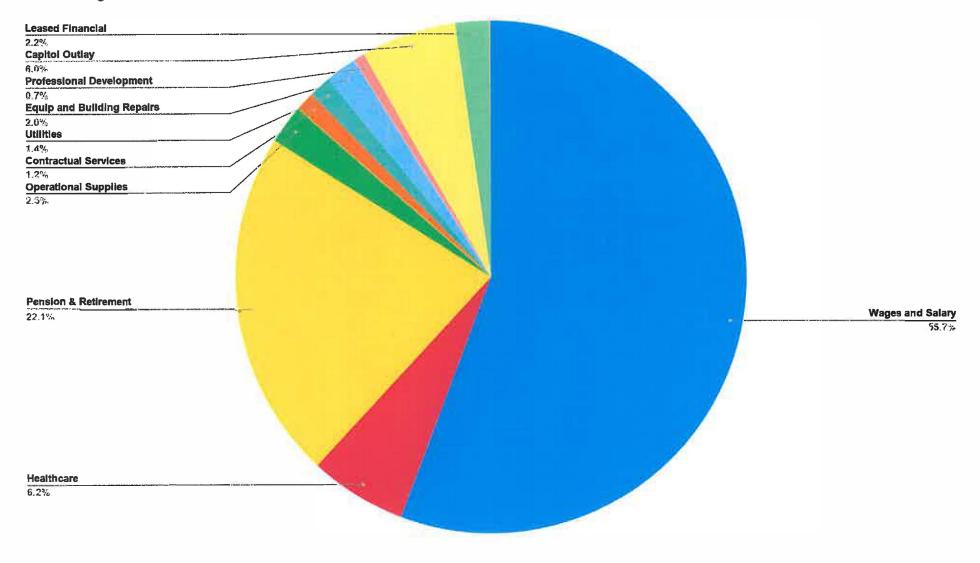
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Calculations as of 12/31/2920

GL NUMBER	DESCRIPTION	2018 ACTIVITY	WCLIAILA 5013	2020 PROJECTED ACIIVITY	2020 ACTIVITY THRU 12/31/20	2021 DEPARTMENT REQUE BUDGET	2022 FORECASTED BUDGET
Dept 336 - Fire	Department				· · · · · · · · · · · · · · · · · · ·		
101-336-703.000	ELECTED OFFICIALS	111.200	113,900	116,200	72.80D	118,500	120,900
101-336-705.000	SUPERVISORY	859,600	864.200	920,500	570,790	934, 600	974,500
101-336-706.000	NON-SUPERVISORY	707,600	880,500	937,100	616.700	1.014.200	1.108.700
101-336-797.000	CLERICAL	43,500	44,500	45,500	29,500	46,700	47,800
101-336-709.000	OVERTIME	175.800	132,400	130,000	B4.000	140,000	140,000
101-33€-709.010	ACT 604 OVERTIME	65.800	65,60C	6B.000	63,000	79.000	75,000
101-336-709.020	FOOD ALLOWANCE	27,000	23,600	21,600	10,600	21,600	21,600
101-336-709.030 101-336-709.040	ALS PAY HOLIDAY PAY	70 mm	72.280	100,900	114,900	113.000	115.000
101-336-714.000	FRINCE BENEFITS	008,07	76,600 267,300	90,000		104,600	110.500
101-336-714.010	DC 401a RETIREMENT	288.300 7.900	5.300	290,000 6,700	182,100 4,300	300,600 148.000	327,100
101-336-714.020	DB Fension - Fire	1,622,500	660.800	552.200	383,500	593.300	161.300 703.000
101-336-714.500	FRINGE BENEFITS - RETIREES	340,000	327,000	315,000	222,800	305,000	310,000
191-336-715.000	SOCIAL SECURITY	153.200	172.500	186,900	116,700	194.700	282,900
101-336-720.000	WORKERS COMP/INSURANCE	53,500	\$4,600	47,409	40,700	44.000	44,000
101-336-727.000	Office Supplies	6,200	2,800	5.000	2,100	7,000	7,000
101-336-729.000	SUBSCRIPTIONS, DUES & MEMBERSHIPS	9,000	5.900	11,000	11.000		
101-336-747.000	EXTINGUISHER RECHARGE/SCBE			1,200	700		
101-336-757.000	Operational Supplies					9,000	9,000
101-336-758.000 101-336-758.100	UNIFORMS TURN OUT GEAR	5,200 23,000	€,100	16.000	16,000		
101-336-759.000	Gasoline/Fuel	23,000	13,400	15,000	14,100		
101-336-767.000	Clothing/Uniforms			20.000	7,300	20,000 41,800	20,000
101-336-775.000	Janitorial/Custodial Supplies					7,500	41,800 7,500
101-336-776.000	MAINT- BLDG & GROTNDS	46,300	51,600	50,000	54,000	3,400	7.500
101-336-799.00D	Non-Capital Equipment	*******	00,000	20,002	41,400	20,000	15,000
101-336-801.000	Professional & Contractual Servic					11.000	6,000
101-336-818.000	CONTRACTUAL SERVICES	14,000	7,900	10,000	3,500	,	2,000
101-336-824.000	licenses & software maint fees	18,700	13,700	20,000	17,100	1	
101-336-826.000	Legal - Professional Services	400					
101-336-835.000	Realth Services	20.400	8,700	8,000	2,100		
101-336-836.000 101-336-843.000	RESCUE SERVICE SUPPLIES Physicals Exams - Medical Provide	28,300	31,400	30,000	15,900	30,000	30.000
101-336-850.000	Communications/Phones/Radio/Cell					10,000	25,000
101-336-851.000	EQUIPMENT MNT/REPAIRS	17_100	23.100	25.000	20.900	6,200	6,200
191-33€-853.G00	TELEPHONE	13.800	13,700	14,000	9,900	25,000	25,000
101-336-863.000	AUTO EXVENSE	130.600	83.200	85.000	71,600	65.000	65,000
101-336-873.000	TRAVEL EXPENSE	,	400	01,000	12, 200	40,000	65,000
101-336-880.000	Community Promotion					2.500	2,500
101-336-885.000	COMUNITY SERVICE	3,000	2,700	2,000	100		
101-336-915.000	Memberships/Dues					13,000	13,000
101-336-921.000 101-336-930.000	UTILITIES Land & Building Repairs	63,100	64,600	62,500	43,300	65,300	68.900
101-336-940.000	Rentals/Leased Equipment					41,200	14,500
101-336-948.000	Computer Services					1,200	1,200
101-336-952.000	Lawncare/Landscaping Services					16,200 3,600	16,50D
191-336-954.000	Custodial/Cleaning Services					3,000	3,600 3,000
101-336-956.000	Pest Control Services					2,000	2,000
101-336-957.000	Trash Collection Services					600	600
101-336-959.000	TRANSPORT BILLING	7.100	9,600	8,000	3,800	B,000	8.300
191-336-960.000	EDUCATION/TRAINING	18.700	19,700	22,500	9,100	24,000	24.000
101-336-963.000	MISCELLANEOUS EXPENSE	5,300	4,500				
101-336-970.000	Capital Outlay	400 500	937,700	325.600	250,000	85.000	320,000
101-336-978.000	CAPITAL EQUIPMENT FURCHASE Non-Capital Equipt Purchases < \$5	499.600	526,700	155,000	8,800		
101-336-978.001 101-336-978.500	EQUIPMENT LEASE PAYMENTS	600	12,800	20,000	15,600		
101-336-979.000	EQUIPMENT ALASE PAIMENTS SPALL TOOLS	3,600	1,290 4,800	1,200	900		
101-336-991.000	Debt Service - Principal Payments	3.000	1,080	4.800 75.800	4,800 79,700	82.600	B5,600
101-336-992.000	Debt Service - Interest Payments			33,300	33,300	30.500	27,600
	36 - Fire Department	5,460,700	5.631.200				
****** THE CENT OF	A PARE DERET PREVIO	2,400,100	J, 031, 20V	4,842,800	3,213,900	4.780.000	5,311,100

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2021 Budget



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Land and Building Repairs 2022



- Clean drains at each station yearly. 1 per year every three years
- Fans installed in station #3 are 20 years old and one is broken.
- Regular building repair costs were calculated by taking the average cost of the past 3 years.

Capital Outlay 2020



- Two ambulances were purchased in 2015 and has increased repairs and down time.
 - Put in for grant to replace ALS Monitor for 2021.
- Heater has been repaired and the past two years but is still over 30 years old.
- Furnace at Fire station #1 has been problematic for past 6-8 years. Constantly failing and we have had issues with heat exchanger Both units are 14 years old.

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Fire Incidents	1/1/20 - 9/30/20	1/1/19 - 9/30/19	Percent Change	Year to Date 2020	Year to Month 2019	Percent Change
Structure Fires	17	14	21.43	17	14	21.43
Outside Structure Fires	1	Ø	100.00	1	O	100.00
Vehicles	13	10	30.00	13	10	30.00
Grage	7	3	133.33	7	3	133.33
Refuse	0	1	-190.00	0	1	-100.00
Other Fires	4	4	0.00	4	4	0.00
Total Fire Incidents	42	32	31.25	42	32	31.25



Non Fire Incidents	1/1/20 - 9/30/20	1/1/19 - 9/30/19	Percent Change	Year to Date 2020	Year to Month 2019	Percent Change
Overpressure Explosion	2	3	-33.33	2	3	-33.33
Rescues Extrications	1,395	1,626	-14.21	1,395	1,626	-14.21
Hazardous Conditions (1)	30	62	29.03	80	62	29.03
Public Service	108	112	-3.57	108	112	-3.57
Good Intent (2)	133	127	4.72	133	127	4.72
False Alarms	94	128	-26.56	94	128	-26.56
System Malfunctions	35	40	-12.50	35	40	-12.50
Weather Emergencies	1	2	-50.00	1	2	-50.00
Other Non-Fires	22	18	22.22	22	18	22.22
Total Non Fire Incidents	1,870	2,118	-11.71	1,870	2,118	-11.71

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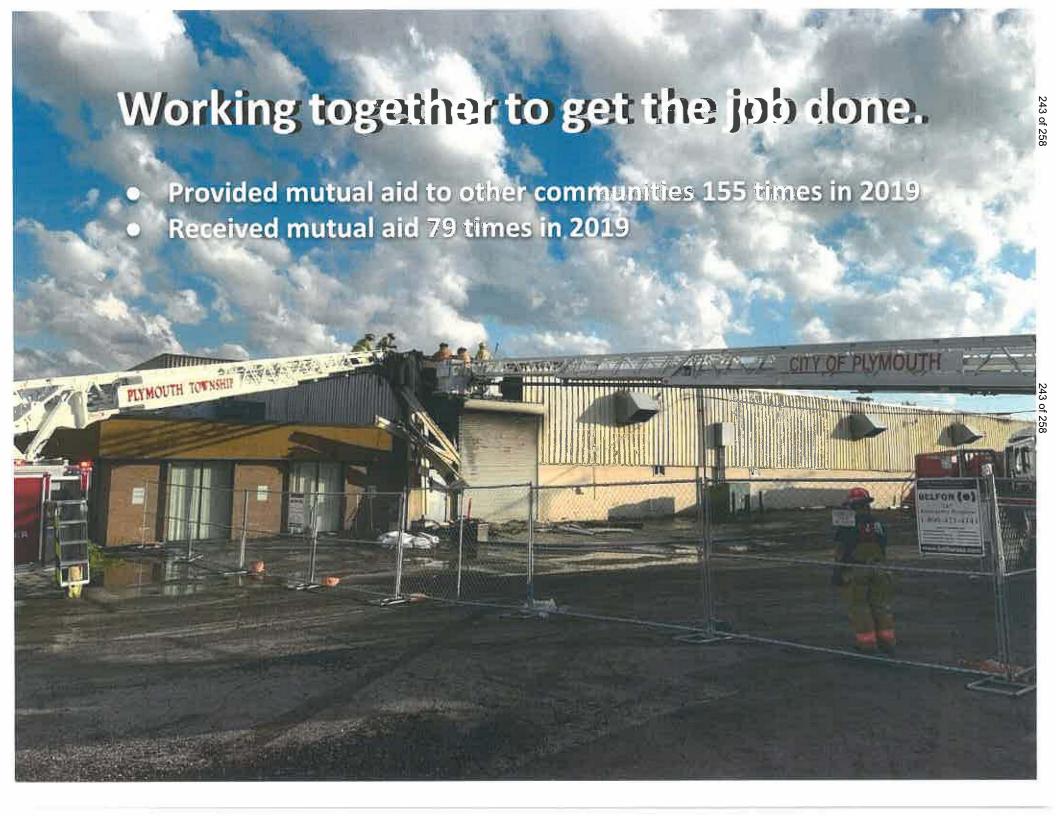


Fire Inspection Division

Lieutenant Jeff Randall has been assigned to the Inspection Division.

So far this year we have conducted 400 Inspections on businesses based on their risk.

- 46 -Annual
- 101 -Semi Annual
- 40 -Two Year
- 108 -3 year
- 12 Freedom of Information Requests
- 1 Complaint
- 13 Certificate of Occupancy/ Reoccupancy / Temp.
 Occupancy
- 7 Reinspections
- 21 Hydromatic/ Suppression system/ Underground Flush



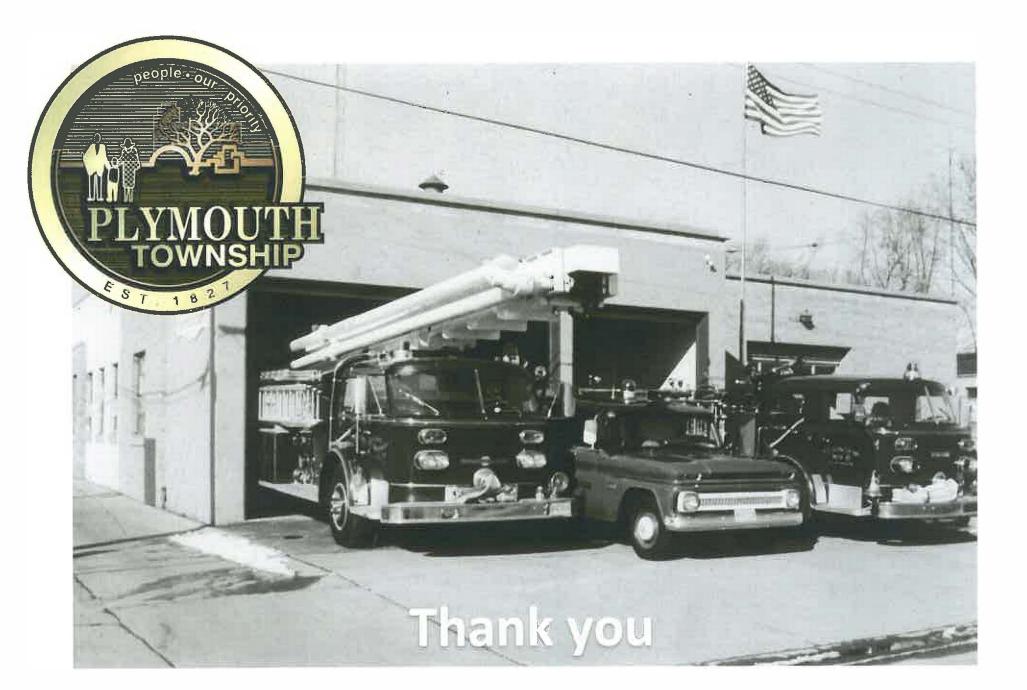
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Fire Department Training

4961.75 Hours of Firefighter training







Budget Review 2021

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Sieven Coffeil Sergeant



William Feiner Detective Sergeant



Marc Holfman Sergeent



Jon Brothers Assistant Chief



Thomas Tideringion Chief



Daniel Kudra Lieutenant



Ryan Krebs Sergeant



Hevan Ropard Sergeem



Michael Hinkle Detective



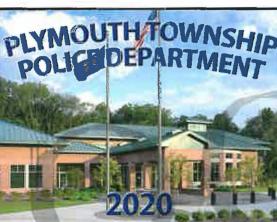
Charles Rozum Detective



Detective



Joseph Smitherman Scott Tiderington









Isekson Chalmers Police Officer



Thomas Champagne Police Officer



Luke Drejewski Pulice Officer



Jeffrey Fatter Police Officer



Michael Eritz Police Officer



Jaxon Hayes Police Officer



Canlin King Police Officer



INTEGRITY · PROFESSIONALISM · COMMUNITY SERVICE



Joffey Maples Police Officer



bintein Mafigner Pulice Officer



leffrey McCarland Police Officer



Kasin Nicely Indice Officer



Jeson Kipp Police Officer



Jeremy Schemanske Police Officer



Bradley Venghan Police Officer



Asme Warring Police Officer



Christopher Wilder. Police Officer



Jennifer Bereenk Service Aide



Andree Breworth Service Aids



Comundra Bulmer Service Auto



Krivsine Clark Service Aide



Nore Geuss Service Aide



Jacob Goscieki Service Aide



Shappon Richardson Service Aide



Tracy Kooriguez Service Aide



Sterance Smith Service Aide



Eyle Spaulding Service Aide



Metable Turicy Service Aide



Communications Supervisor



Karen Bonageo Records

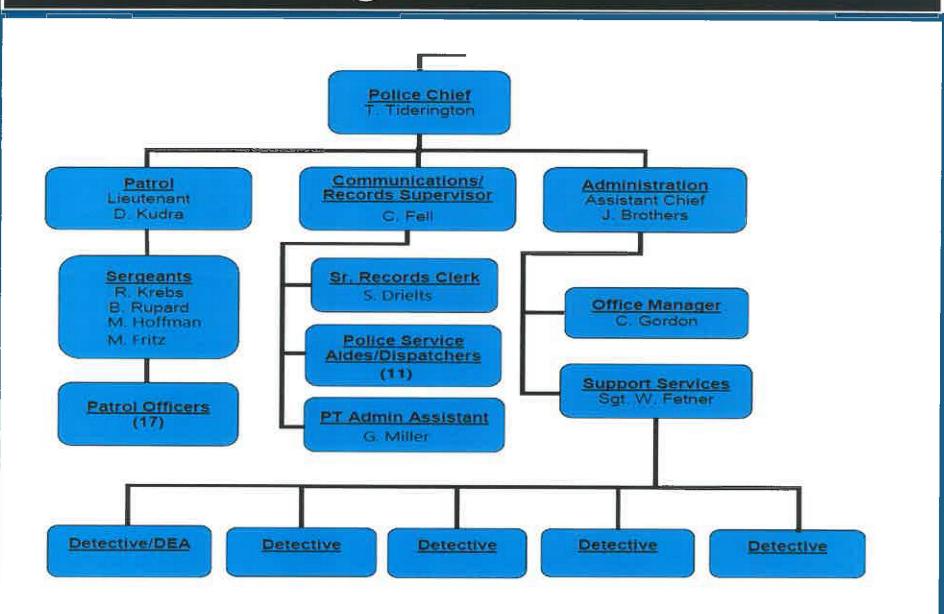


Cheryl Gordon Records



Glenn Miller Records

2021 Organizational Chart



Staffing Details

Police...... 30 Sworn Officers

In the process of hiring 1 officer for replacement due to retirement.

Dispatch...... 1 FT Supervisor

11 FT Police Service Aides

Clerical.......... 1 FT Administrative 1 FT Records (FOIA) 1 PT Front Desk / records

Requesting to make the part time front desk position into a full time position.

New Purchases from Police Budget 305

- 12 Sets of crowd control / riot gear
 (helmets, gas masks, and body protection) \$14,000
- 3 Dodge Charger patrol cars \$81,000
- 1 Expedition SUV patrol car \$ 42,000
- 1 Explorer detective bureau car \$44,000
- Upfitting of 4 patrol cars \$ 42,000

Total Cost = \$223,000

Building improvements from Police Budget 305

- Touchless water fountain. To replace the current unit with a water bottle fill station \$ 2,500
- New drains and resurface of sally port \$31,000
- Paint and Carpet of jail and Police Dept. \$ 50,000
- Bullet resistant glass at front desk \$ 20,000
- Key fob security system upgrade \$ 12,000

Total Cost = \$115,500

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Law Enforcement Budgets

Total Expenditures

2017 2018 2019 2020 Projected 2021 Requested

Police 305 4,127,600 3,982,300 4,236,900 4,509,000 5,095,500

Forfeiture 187,200 352,800 81,900 62,400.00

\$822,800.00 Over Last Five Years

Forfeiture Funds - as of September 2020

- Federal Drug Forfeiture is \$201,300
- State Drug Forfeiture is \$244,479
- IRS Drug Forfeiture is \$67,231

Total = \$513,010

Note: Another \$227,000 will be deposited soon.

"Addicted to drug money"



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Communications

Total Expenditures

2017

2018

2019

2020 Projected

2021 Requested

1,207,300

1,256,400

1,608,600

1,342,400

1,523,800

Critical Function

New 351 Account for Lockup

 Dispatch costs and Lock Up costs will be tracked separately.

Simplifies Audits.

Tracking relating to Plymouth City costs.

Dispatch / Lock Up Equipment Purchases

Budget 351 & 325

- Live scan fingerprint machine. Replace end of life unit in jail. \$ 15,000 (351 budget)
- 3 CAD computers and screen and software.
 \$4,600 (325 budget)

Total Cost = \$ 19,600

Budget Beyond 2021

- Replace two Ford Patrol cars \$57,000
- Replace one Explorer patrol car \$ 30,000
- Replace one DB Ford Taurus \$ 27,500
- Upfitting of patrol vehicles \$ 23,500
- Lock-up HVAC system (Large expense) \$75,000
- Total Cost = \$ 213,000