

CHARTER TOWNSHIP OF PLYMOUTH

BOARD OF TRUSTEES MEETING

Tuesday, September 8, 2020
7:00 PM



CALL TO ORDER AT _____ P.M.

A. ROLL CALL: Kurt Heise_____, Mark Clinton_____, Chuck Curmi_____,
Bob Doroshewitz_____, Jerry Vorva_____, Jack Dempsey_____,
Gary Heitman_____

B. PLEDGE OF ALLEGIANCE

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

C. APPROVAL OF AGENDA

Tuesday, September 8, 2020

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

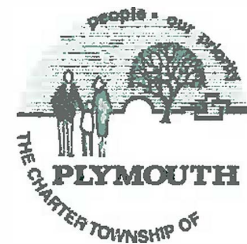
D.3 Approval of Township Bills:

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

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

E. PUBLIC COMMENT (Limited to 3 Minutes)

F. NEW BUSINESS

1. Senior Alliance Presentation, *Jason Maciejewski, Chief Advocacy and Planning Officer, The Senior Alliance*
2. Repeal of DWSD Rules and Adoption by Reference of GLWA IPP Rules, **Resolution 2020-09-08-84**, *Kevin Bennett, Township Attorney*

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3. TAR/IND Signage Regulations Text Amendments, **Resolution #2020-09-08-85**,
Laura Haw, Township Planner and Kevin Bennett, Township Attorney
4. Demolition Ordinance Amendments First Reading, **Resolution #2020-09-08-86**,
Trustee Jack Dempsey and Kevin Bennett, Township Attorney
5. Police Department Purchase of Body Worn Camera Systems, **Resolution #2020-09-08-87**, *Police Lt. Daniel Kudra*
6. In-Car Computers for Police Vehicles, **Resolution #2020-09-08-88**, *Police Lt. Daniel Kudra*
7. Loan Transfer Request for SAD Projects, **Resolution #2020-09-08-89**, *Treasurer Mark Clinton*
8. 2021-22 Budget Overview and Hearing Schedule, *Supervisor Kurt Heise and Finance Director Ginger Moriarty*

G. PUBLIC COMMENT (Limited to 3 Minutes)

H. BOARD COMMENTS

I. CLOSED SESSION

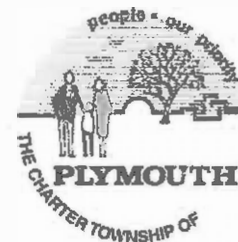
At _____ p.m. _____ moved that a Closed Session be called for the purpose of discussing a Written Legal Opinion rendered by the Township Attorney in accordance with OMA Section 8(h), MCL 15.268(h). Seconded by _____.

J. RETURN TO OPEN SESSION

At _____ p.m. _____ moved that the Board return to open session. Seconded by _____.

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K. ADJOURNMENT

PLEASE TAKE NOTE: 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
BOARD OF TRUSTEES MEETING**

Tuesday, August 25, 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: Patrick Fellrath, Director of Public Services
Tom Tiderington, Police Chief
Kevin Bennett, Township Attorney
Jeremy Schrot, P.E., Spalding DeDecker
Laura Haw, AICP, NCI, McKenna, Planning Consultant
Alice Geletzke, Recording Secretary
10 members of the public

B. PLEDGE OF ALLEGIANCE – Trustee Chuck Curmi

C. APPROVAL OF AGENDA

Tuesday, August 25, 2020

Moved by Clerk Vorva and seconded by Trustee Doroshewitz to approve the agenda for the regular meeting of Tuesday, August 25, 2020. Ayes all.

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:

Regular Meeting - Tuesday, July 28, 2020

D.2 Acceptance of Communications, Resolutions, Reports

Building Department Monthly Report - July 2020

Fire Department Monthly Report - July 2020

Police Department Monthly Report - July 2020

Planning Department Monthly Report - July 2020

FOIA Monthly Report - Clerk's Office - July 2020

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7:00 PM

PROPOSED MINUTES



FOIA Monthly Report - Police Department - July 2020

D.3 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	1,110,559.54	147,806.54	1,258,366.08
Solid Waste Fund	226	6,987.95	111,102.78	118,090.73
Improvement Revolving (Capital)	246	.00	14,900.00	14,900.00
Drug Forfeiture Fund	265	.00	.00	.00
Drug Forfeiture State	266	.00	76,023.57	76,023.57
Drug Forfeiture IRS	267	.00	.00	.00
Golf Course Fund	510	.00	.00	.00
Senior Transportation	588	7,477.53	597.75	8,075.28
Water/Sewer Fund	592	796,361.48	38,895.73	835,257.21
Trust and Agency	701	.00	.00	.00
Police Bond Fund	702	1,250.00	.00	1,250.00
Tax Pool	703	2,177.71	.00	2,177.71
Special Assessment Capital	805	255,749.49	707,348.40	963,097.89

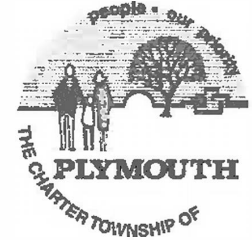
CHARTER TOWNSHIP OF PLYMOUTH

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PROPOSED MINUTES



TOTALS:		2,180,563.70	1,096,674.77	3,277,238.47
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Trustee Curmi had corrections for the minutes of July 28:

Page 4, \$109,429.00 in the motion at the bottom of the page instead of \$409,429.00, and clarification of his comments regarding the Police Department taking benchmarks on what they are disclosing in response to some of the attention police departments are receiving now.

Moved by Trustee Heitman and seconded by Clerk Vorva to approve the consent agenda for the Board of Trustees regular meeting of July 28, 2020 as amended. Ayes all.

E. PUBLIC COMMENT (Limited to 3 Minutes)

John Stewart commented on having received his flu shot, which is good for 12 months.

F. NEW BUSINESS

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

1. Margate Cluster Housing Option, **Resolution #2020-08-25-75**, *Laura Haw, Township Planner*

Planner Laura Haw reviewed the Planning Commission recommendation for approval of this cluster housing option, with considerations. She noted that recommendations for initial and final site plan approval would occur in the future, with a return to the Board.

Tim Loughrin of Robertson Homes addressed the Board and answered questions. Discussion included density, aesthetics, and lack of amenities.

Moved by Clerk Vorva and seconded by Trustee Heitman to adopt **Resolution 2020-08-25-75** authorizing approval of the Margate Cluster Housing Option, with conditions, as recommended by the Planning Commission.

ROLL CALL: AYES: Heise, Heitman, Vorva, Curmi, Doroshewitz

NAYS: Clinton, Dempsey

Motion carried.

CHARTER TOWNSHIP OF PLYMOUTH

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PROPOSED MINUTES



2. Ponds of Andover Cluster Housing Option, **Resolution #2020-8-25-76**,
Laura Haw, Township Planner

Ms. Haw reviewed the recommendation of the Planning Commission for approval of the Cluster Housing Development and Agreement for the Ponds of Andover Cluster Housing Option.

Michelle Spencer and Anthony Randazzo, representing the Trowbridge Homes, addressed the Board and answered questions.

Moved by Trustee Heitman and seconded by Clerk Vorva to adopt **Resolution #2020-8-25-76** authorizing approval of The Ponds of Andover Cluster Housing Development and Agreement, as recommended by the Planning Commission, and contingent on final approval of all legal documents by the Township Attorney. Ayes all on a roll call vote.

3. 2020 Sanitary Sewer Rehabilitation Program (CIPP) Contract Award, **Resolution #2020-08-25-77**, *Patrick Fellrath, Director, Public Services and Jeremy Schrot, Township Engineer*

Patrick Fellrath, Director of Public Services, and Jeremy Schrot of Spalding DeDecker spoke regarding the receipt of one bid for this program of rehabilitating approximately 2,500 linear feet of sanitary sewer located in several locations throughout the Township.

Moved by Trustee Heitman and seconded by Clerk Vorva to award the contract for Sanitary Sewer Lining and Reconstruction to Inland Waters Pollution Control, Inc., in the amount of \$431,879.25. Ayes all on a roll call vote.

4. Country Acres Pump Station Improvements Contract Award, **Resolution #2020-08-25-78**, *Patrick Fellrath, Director, Public Services and Jeremy Schrot, Township Engineer*

Work consists of pump and roof replacement, driveway and concrete improvements, bypass piping improvements and storm sewer and site grading. Six bids received.

Moved by Trustee Heitman and seconded by Trustee Curmi to award the contract for Country Acres Pump Station Improvements to Lee's Industrial Contracting in the amount of \$154,551.57. Ayes all on a roll call vote.

5. As-Needed Water Repair Services Contract Award, **Resolution #2020-08-25-79**,
Patrick Fellrath, Director, Public Services and Jeremy Schrot, Township Engineer

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PROPOSED MINUTES



Bids sought for emergency/as needed water main repairs requiring resources above and beyond those available to the DPW.

Moved by Trustee Heitman and seconded by Trustee Curmi to award the contract for Emergency/As-needed Water Main Repair Services to Superior Excavating, Inc., based on their unit price bid submitted on June 25, 2020, contingent upon approval of the contract documents by the Township Attorney. Ayes all on a roll call vote.

6. Northville Road PRV Replacement Rehabilitation-Design Phase, **Resolution #2020-08-25-80**, *Patrick Fellrath, Director, Public Services and Jeremy Schrot, Township Engineer*

Bradley Shepler, P. E., of HRC, Inc., spoke regarding the design phase which includes preparing plans and specifications, soliciting bids and recommendations for award for construction expected in Spring 2021. Vendor meetings will also be involved.

Moved by Trustee Curmi and Clerk Vorva to approve the attached proposal from HRC for an amount not to exceed \$34,000 for design engineering services for the Rehabilitation of the Northville Road PRV Station. Ayes all on a roll call vote.

7. Annual Water Rate Approval, **Resolution #2020-08-25-81**, *Treasurer Mark Clinton*

Treasurer Clinton presented figures for the recommended 4% increase. The Great Lakes Water Authority (GLWA) would normally have increased rates to the Township on July 1; however, this was delayed to October 1 because of COVID-19. Monthly WTUA charges are also expected to increase. Estimated change to the average resident's bill is expected to be 2.8% or \$26 per year.

Moved by Treasurer Clinton and seconded by Trustee Heitman to approve **Resolution #2020-8-25-81** which, effective October 1, 2020, increases the water rate from \$5.60 to \$5.82 and the sewage disposal rate from \$4.60 to \$4.79 per 1,000 gallons of water. Ayes all on a roll call vote.

8. Resolution Regarding Salem Springs Development, **Resolution #2020-08-25-82**, *Supervisor Kurt Heise*

Supervisor Heise reviewed the background of this project and asked for support for this resolution which reiterates the Township's opposition to the Salem Springs Project considering recent developments.

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PROPOSED MINUTES



Moved by Supervisor Heise and seconded by Clerk Vorva to adopt the attached resolution regarding the Township's opposition to the Salem Springs Project to Salem Township, Michigan. Ayes all on a roll call vote.

9. Non-Union Employee Salary Adjustments, **Resolution #2020-08-25-83**, *Supervisor Kurt Heise*

A budget amendment and appropriation of no more than \$28,700 for salary/benefit adjustments for non-union employees and no more than \$9,000 for benefits for an election/clerk employee are requested, retroactive to January 1, 2020.

Moved by Trustee Curmi and seconded by Trustee Doroshewitz that Plymouth Township Board of Trustees hereby amend this proposal, making the recommended adjustments effective September 1, 2020.

ROLL CALL: AYES: Curmi, Doroshewitz

NAYS: Vorva, Clinton, Heitman, Dempsey, Heise

Motion defeated.

Moved by Clerk Vorva and seconded by Trustee Heitman that the Plymouth Township Board of Trustees hereby adopt **Resolution #2020-8-25-83** authorizing the Finance Director to appropriate fund balance, amending the 2020 General Fund and Water & Sewer budgets in the attached wages and benefit expenditure accounts in the amount of \$37,700.

ROLL CALL: AYES: Vorva, Clinton, Heitman, Heise

NAYS: Curmi, Doroshewitz, Dempsey

Motion carried.

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

H. **BOARD COMMENTS**

Supervised Heise noted that the next Board meeting will be held September 8.

Trustee Curmi had questions as to when the next Shred Day will be held in conjunction with the City. The next Hazardous Waste Day will be October 3.

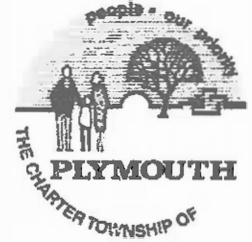
Trustee Heitman referred to his time spent in Township Park. He noted the amount of ducks and geese in the area and the lack of masks when employees speak to the public.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING**

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PROPOSED MINUTES



I. ADJOURNMENT

Moved by Trustee Heitman and seconded by Clerk Vorva to adjourn the meeting at 9:04 p.m. Ayes all.

Jerry Vorva, Clerk



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 8, 2020

ITEM: FOIA Appeal from Nancy Conzelman

BACKGROUND: The Township has received a FOIA Appeal sent via email to Clerk Vorva and Attorney Bennett from Township resident Nancy Conzelman requesting information on former Deputy Clerk Sandy Groth. Approval of item D.2 in your Agenda Package shall acknowledge receipt of this request.

FOIA Monthly Report

Run Date: 09/01/2020 8:01 AM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
8/6/2020		Nancy Conzelman	Election Records	
8/3/2020	WSP	Project Consultant Grace Kellogg	Other	
8/11/2020	BuildZoom	Janine Rugas	Building	
8/7/2020		Nancy Conzelman	Election Records	
8/12/2020	Sam Bernstein Law Firm	Dawn Perfect	EMS Report	
8/19/2020		Nancy Conzelman	Election Records	
8/26/2020	ABI Document Support Services		EMS Report	
8/6/2020		Nancy Conzelman	Other	
8/24/2020		Jack Lupo	Environmental	
8/27/2020		Nancy Conzelman	Other	
8/27/2020	League of Women Voters	Paula Bowman	Election Records	
8/31/2020	Victory Lane	Mary Hopper	Fire Report	
8/26/2020	NV5	Research Assistant Cheryl King	Building Code of Ordinance Records	
Total Requests: 13				Total Dollars: 0

9/1/2020

Document

FOIA Monthly Report

Run Date: 09/01/2020 10:36 AM

Reference No	Create Date	Request Status	Assigned Dept	Company Name	Customer Full Name	Type of Information Requested	Total Fees Charged (\$)	Amount of Payment
W002585-080320	8/3/2020	Partial Release	Police Department		Jeffrey Stobbe	Police Records	0.00	
W002589-080520	8/5/2020	Partial Release	Police Department	Metropolitan Reporting Bureau	Metropolitan Reporting Bureau	Police Records	1.00	.10
W002590-080520	8/5/2020	Partial Release	Police Department		Ms. Brianna Waggoner	Police Records	0.00	
W002588-080520	8/5/2020	Waiting for Payment	Police Department	LexisNexis	LexisNexis LEXIS NEXIS	Police Records	0.50	
W002595-080720	8/7/2020	Partial Release	Police Department	Associated Newspapers of MI	Don Howard	Police Records	0.00	
W002596-081020	8/10/2020	Partial Release	Police Department		MICHAEL BRYANT	Police Records	0.00	
W002597-081020	8/10/2020	Partial Release	Police Department		LJILJANA STOJANOV	Police Records	0.00	
W002598-081120	8/10/2020	Full Release	Police Department	Research North, Inc.	Charles Rettstadt	Police Records	0.00	
W002599-081120	8/10/2020	No Records Exist	Police Department	LexisNexis	LexisNexis LEXIS NEXIS	Police Records	0.00	
W002601-081120	8/11/2020	Full Release	Police Department		Donald Davis	Police Records	0.00	
W002602-081220	8/12/2020	Partial Release	Police Department		ERIC GALYON	Police Records	0.00	
W002604-081320	8/13/2020	Full Release	Police Department		Sam Bernstein	Police Records	0.00	
W002607-081420	8/14/2020	Partial Release	Police Department		ANTHONY DETTORE	Police Records	0.00	
W002608-081720	8/14/2020	Partial Release	Police Department		ELIZABETH REYNOLDS	Police Records	0.00	
W002609-081720	8/17/2020	Partial Release	Police Department	Guentner, Barbee & Assoc., PLLC	Attorney Gregory M. Barbee	Police Records	0.00	
W002610-081820	8/17/2020	Partial Release	Police Department		DAVID VOTRUBA	Police Records	0.00	
W002611-081820	8/18/2020	Partial Release	Police Department	Cygnat	Patrick Mchugh	Police Records	0.00	
W002614-082020	8/20/2020	Partial Release	Police Department	PLYMOUTH MOBIL	NOAH JAMIL	Police Records	0.00	
W002605-081320	8/13/2020	Waiting for Payment	Police Department	Conlin McKenney & Philbrick PC	Mrs. Yvonne Rush	Police Records	2.79	\$28.31
W002606-081420	8/14/2020	Waiting for Payment	Police Department	ATTY. THOMAS M LOEB	ATTORNEY THOMAS LOEB	Police Records	1.54	
W002616-082420	8/24/2020	Partial Release	Police Department		MAXWELL SMITH	Police Records	0.00	
W002617-082420	8/24/2020	Waiting for Payment	Police Department		Katie VanderRoest	Police Records	2.10	
W002618-082520	8/25/2020	Full Release	Police Department	LexisNexis	LexisNexis LEXIS NEXIS	Police Records	0.00	

9/1/2020

Document

FOIA Monthly Report

Run Date: 09/01/2020 10:36 AM

Reference No	Create Date	Request Status	Assigned Dept	Company Name	Customer Full Name	Type of Information Requested	Total Fees Charged (\$)	Amount of Payment
W002615-082420	8/24/2020	Waiting for Payment	Police Department	FemmlIneo Attorneys, PLLC	Chase Robl	Police Records	4.59	
W002621-082620	8/26/2020	Partial Release	Police Department		MOUNIR BLIBECHE	Police Records	0.00	
W002625-082720	8/27/2020	Clarification Requested	Police Department		Kenneth Harrison	Police Records	0.00	
W002626-082820	8/28/2020	Waiting for Payment	Police Department		John Marshall	Police Records	1.60	
W002628-090120	8/31/2020	No Records Exist	Police Department		Daniel Fisher	Police Records	0.00	
W002587-080420	8/4/2020	Partial Release	Police Department	Goodman Acker, PC	Bradley Peri	Police Records	1.71	39.99
W002591-080620	8/6/2020	Partial Release	Police Department	Law Office of Jason Waechter	Julie Taylor	Police Records	2.49	74.12
W002613-082020	8/20/2020	Partial Release	Police Department		Darin Weinberg	Police Records	1.59	33.49
Total Requests: 31							19.91	Total Dollars : 176.01

BOARD DATE

9/8/2020

FUND NAME	FUND NUMBER	TOTAL	PAYROLL &	INVOICES PAID
		INC PAYROLL	PRIOR TO MEETING	AFTER BOARD REVIEW
GENERAL FUND	101	639,882.19	576,279.78	63,602.41
SWD	226	3,745.06	2,600.16	1,144.90
IMPROV. REV.	246	-	-	
DRUG FORFEITURE	265	-	-	
DRUG FORFEITURE	266	-	-	
DRUG FORFEITURE	267	-	-	
GOLF COURSE FUND	510	-	-	
SENIOR TRANSPORTATION	588	3,171.77	3,171.77	
WATER & SEWER	592	605,338.83	43,535.12	561,803.71
TRUST& AGENCY	701	-	-	
POLICE BOND FUND	702	1,250.00	1,250.00	
TAX POOL	703	-	-	
SPECIAL ASSESS CAPITAL	805	-	-	
	TOTAL	<u>1,253,387.85</u>	<u>626,836.83</u>	<u>626,551.02</u>

GRAND TOTAL 1,253,387.85

Charter Township of Plymouth

AP Invoice Listing - Board Report

Board Run Page: 9/12/20

VENDOR INFORMATION

INVOICE INFORMATION

Advanced Satellite Communications		Invoice Amount:	\$105.00
STA#1 ALARM MONITORING 8/1-10/31/20		Check Date:	09/08/2020
101-336-776.000	STA#1 ALARM MONITORING 8/1-10/31/20		105.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$59.99
FF TACOMA UNIFORM CAP		Check Date:	09/08/2020
101-336-758.000	UNIFORM DRESS CAP FOR FF TACOMA		59.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$164.97
3-PANTS FOR FF BONAEDO		Check Date:	09/08/2020
101-336-758.000	UNIFORM PANTS		164.97
B & R JANITORIAL SUPPLY		Invoice Amount:	\$22.72
SUPPLIES #190227		Check Date:	09/08/2020
592-172-776.000	DISPOSABLE SHOE COVERSXL 5PR		22.72
BADER & SONS CO.		Invoice Amount:	\$104.34
BROKEN ANTI-SCALP WHEEL ON 1575 JD REPLA		Check Date:	09/08/2020
101-691-863.000	PIN FASTENER		5.57
101-691-863.000	PIN		0.48
101-691-853.000	WHEEL KIT W/ GREASE FITTING		34.76
101-691-853.000	ARM		61.44
101-691-853.000	TAX		2.09
BATTERIES PLUS BULBS		Invoice Amount:	\$49.95
BACK UP BATTERY/POWER SUPPLY FOR NORTHV		Check Date:	09/08/2020
592-291-851.000	BACK UP 450VA 120V		49.95
BENTLEY ENVIRONMENTAL SERVICES		Invoice Amount:	\$2,043.07
STA#3 DESLUDGE SUMP/CATCH BASIN		Check Date:	09/08/2020
101-336-776.000	STA#3 DESLUDGE SUMP/CATCH BASIN		2,043.07
BLACKWELL FORD INC.		Invoice Amount:	\$69.80
INV. 367406 8/24/2020 VEHICLE REPAIR/10816		Check Date:	09/08/2020
101-305-863.000	OIL CHANGE/REPLACE TIRE		69.80
BLACKWELL FORD INC.		Invoice Amount:	\$24.12
INV. 367392 8/21/2020 VEHICLE REPAIR/10680		Check Date:	09/08/2020
101-305-863.000	TIRE REPAIR		24.12
BLACKWELL FORD INC.		Invoice Amount:	\$852.78
INV. 366854 8/10/2020 VEHICLE REPAIR/12807		Check Date:	09/08/2020
101-305-863.000	R & R A/C COMPRESSOR		852.78
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$380.00
FIRE ALARM PLAN REVIEW ATLAS TUBING		Check Date:	09/08/2020
101-371-818.000	INVOICE 1698		380.00
CORRIGAN OIL COMPANY		Invoice Amount:	\$1,795.04
#7095690 8/14/2020		Check Date:	09/08/2020
592-291-759.000	Fuel Tax Recap		13.69
592-291-759.000	Environmental Fee		6.95
592-291-759.000	GE87 GAS-ETHANOL		882.42
592-291-759.000	DYED ULTRA LOW SULFER #2 MIX		891.98
DELWOOD SUPPLY CO.		Invoice Amount:	\$91.65
PARKS - DELWOOD SUPPLY - INVOICE 2008-019		Check Date:	09/08/2020

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

	101-691-931.000	PARKS RR - VALVE # 2008-019172	91.65
DE WOLF & ASSOCIATES		Invoice Amount:	\$765.00
INV. 2898 8/18/2020 FTO UPDATE TRAINING - A		Check Date:	09/08/2020
	101-305-960.000	FRITZ, SCHEMANSKE & SMITHERMAN	765.00
DON'S SMALL ENGINE REPAIR, INC		Invoice Amount:	\$123.44
PARKS- TRIMMER LINES & CARBUERATOR OVER		Check Date:	09/08/2020
	101-691-931.000	INV. # 53155	123.44
Express Photo & Portraits		Invoice Amount:	\$670.00
POLICE COMPOSITE SITTING 8/13/2020		Check Date:	09/08/2020
	101-305-963.000	SITTING FEE 1/22/2020	175.00
	101-305-963.000	SITTING FEE 1/23/2020	175.00
	101-305-963.000	COMPOSITE CHARGE	220.00
	101-305-963.000	33 X 41 PRINTS	100.00
GFL Environmental USA, Inc.		Invoice Amount:	\$225.00
DPW RECYCLE CENTER		Check Date:	09/08/2020
	226-226-810.500	06/02/20 - CARDBOARD/PAPER #44928002	225.00
GFL Environmental USA, Inc.		Invoice Amount:	\$225.00
DPW RECYCLE CENTER		Check Date:	09/08/2020
	226-226-810.500	06/15/20 - CARDBOARD/PAPER #45002476	225.00
GFL Environmental USA, Inc.		Invoice Amount:	\$450.00
DPW RECYCLE CENTER		Check Date:	09/08/2020
	226-226-810.500	08/13/20 - CARDBOARD/PAPER	225.00
	226-226-810.500	08/13/20 - PLASTICS/TIN	225.00
GALLS, LLC		Invoice Amount:	\$402.98
INV. # 016158835 7/29/2020 FLEXFORCE RIOT S		Check Date:	09/08/2020
	101-305-758.000	RIOT SUIT	399.99
	101-305-758.000	SHIPPING	2.99
GARRETT AUTO AND TRUCK SVC		Invoice Amount:	\$3,055.55
#42836 NEW TRANS/FRONT SUSPEN/HYDRAULI		Check Date:	09/08/2020
	592-291-863.000	All repairs, parts, labor	3,055.55
General Linen & Uniform Service		Invoice Amount:	\$41.25
INV. 0307839 8/26/2020 PRISONER BLANKET CL		Check Date:	09/08/2020
	101-325-851.400	Blanket Cleaning	33.75
	101-325-851.400	DELIVERY CHARGE	7.50
Great Lakes Ace Hardware		Invoice Amount:	\$3.99
FY2020 BLANKET PURCHASE ORDER - AUGUST 2		Check Date:	09/08/2020
	101-691-931.000	FY2020 Blanket Purchase Order	3.99
Great Lakes Ace Hardware		Invoice Amount:	\$121.79
SMALL TOOLS		Check Date:	09/08/2020
	101-336-979.000	SMALL TOOLS	76.92
	101-336-776.000	SUPPLIES	44.87
HALT FIRE INC		Invoice Amount:	\$147.00
E23443 DOOR REPAIR		Check Date:	09/08/2020
	101-336-863.000	E23443 REPAIR DOOR	147.00

Charter Township of Plymouth **AP Invoice Listing - Board Report**

VENDOR INFORMATION**INVOICE INFORMATION**

HEMS			Invoice Amount:	\$300.00
ALS VEHICLE LICENSING 2020			Check Date:	09/08/2020
	101-336-863.000	ALS VEHICLE LICENSING 2020		300.00
HUBBELL, ROTH, & CLARK, INC.			Invoice Amount:	\$287.10
WATER SYSTEM STUDY PLAN			Check Date:	09/08/2020
	592-172-820.000	WATER SYSTEM STUDY PLAN		287.10
HUBBELL, ROTH, & CLARK, INC.			Invoice Amount:	\$4,977.65
NORTHVILLE RD REHAB			Check Date:	09/08/2020
	592-291-970.000-20	NORTHVILLE RD REHAB		4,977.65
KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$1,500.00
DATTO CLOUD BACKUP SUBSCRIPTION FOR 202			Check Date:	09/08/2020
	101-290-941.000	CLOUD BACKUP MONTHLY SUBSCRIPTION-202		1,500.00
KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$150.00
FIREWALL MONITORING AUG 2020 - INVOICE#			Check Date:	09/08/2020
	101-290-941.000	FIREWALL MONITORING - AUGUST 2020		150.00
KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$1,100.00
TECH SUPPORT - FIREWALLS SOFTWARE UPGRA			Check Date:	09/08/2020
	101-290-941.000	FIREWALLS SOFTWARE UPGRADES (6)		1,100.00
KSS Enterprises			Invoice Amount:	\$454.30
FY 2020 BLANKET PURCHASE ORDER - INV. #12			Check Date:	09/08/2020
	101-691-931.000	FY2020 BLANKET PURCHASE ORDER		454.30
MAIN STREET AUTO WASH			Invoice Amount:	\$440.00
JULY AND AUGUST CAR WASHES			Check Date:	09/08/2020
	101-305-863.000	Police Vehicles		420.00
	101-371-863.000	Building Vehicles		20.00
Marquis Food Service, Inc.			Invoice Amount:	\$93.75
INV. 9468 8/28/2020 PRISONER MEALS			Check Date:	09/08/2020
	101-325-818.400	TURKEY SUBS W/SWISS CHEESE		56.25
	101-325-818.400	BREAKFAST SANDWICHES		32.50
	101-325-818.400	DELIVERY		5.00
ELECTION SOURCE			Invoice Amount:	\$4,085.00
ICP & ICX TESTING AND ADDL AV TEST DECKS F			Check Date:	09/08/2020
	101-262-818.000	Full Svc Testing for ICP		260.00
	101-262-818.000	Addl Testing for ICP		1,485.00
	101-262-818.000	Full Svc Testing for ICX		180.00
	101-262-818.000	Addl Testing for ICX		1,320.00
	101-262-818.000	Addl AV Test Decks Ran		840.00
MICHIGAN LINEN SERVICE			Invoice Amount:	\$84.35
UNIFORMS 8/21/20 #430955			Check Date:	09/08/2020
	592-172-758.000	8/21/20		84.35
MICHIGAN LINEN SERVICE			Invoice Amount:	\$1,048.95
UNIFORMS 8/14/2020 #430571			Check Date:	09/08/2020
	592-172-758.000	2300		593.64
	592-172-758.000	2300 XL		95.48
	592-172-758.000	2410		57.88
	592-172-758.000	2410 XL		82.35

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

	592-172-758.000	CP80 HATS	102.12
	592-172-758.000	C112LP HATS	117.48
NORTHERN LAKE SERVICE, INC.		Invoice Amount:	\$488.70
DW SAMPLES RECIEVED ON 7/22/20 COLLECTED		Check Date:	09/08/2020
	592-172-818.100	CYANOTOXINS-EPA METHOD 545	355.50
	592-172-818.100	MICROCYSTINS-EPA METHOD 546	133.20
O K FIRE EQUIPMENT CO		Invoice Amount:	\$90.00
STA#3 EXTINGUISHER MAINT.		Check Date:	09/08/2020
	101-336-747.000	STA#3 EXTINGUISHER MAINTENANCE	90.00
OAKLAND COMMUNITY COLLEGE		Invoice Amount:	\$500.00
INV. 115751 8/3/2020 SPEED MEASUREMENT TR		Check Date:	09/08/2020
	101-305-960.000	OFFICERS DREJEWSKI AND VAUGHAN	500.00
OFFICE DEPOT		Invoice Amount:	\$79.96
INV. 108568456001 7/17/2020 "COVID 19" EXPE		Check Date:	09/08/2020
	101-315-951.000-20	FACE MASKS	79.96
OFFICE DEPOT		Invoice Amount:	\$25.99
INV. 108589473001 7/20/2020 POLICE DEPT OFF		Check Date:	09/08/2020
	101-305-727.000	NOTE CARDS	25.99
OFFICE DEPOT		Invoice Amount:	\$207.74
MANILA FOLDERS, DATE STAMPERS, 5160 MAILI		Check Date:	09/08/2020
	101-262-727.000	RUBBER BANDS	5.76
	101-262-727.000	BLACK MARKERS	12.59
	101-215-727.000	PINK HIGHLIGHTERS (12)	10.58
	101-215-727.000	LG PINK HIGHLIGHTERS (12)	11.76
	101-215-727.000	STICKY NOTES	15.41
	101-215-727.000	POP-UP STICKY NOTES	13.87
	101-262-727.000	DYMO LABELS	57.64
	101-262-727.000	NAME BADGE HOLDERS	41.24
	101-262-727.000	RED INK PENS (12)	5.19
	101-215-727.000	RED GEL PENS (12)	11.66
	101-215-727.000	STACKABLE CUBE	21.39
	101-262-727.000	IMP SURCHARGE	0.65
OFFICE DEPOT		Invoice Amount:	\$32.27
MANILA FOLDERS, DATE STAMPERS, 5160 MAILI		Check Date:	09/08/2020
	101-215-727.000	2 DRWR ORGANIZER	9.99
	101-215-727.000	4 DRWR ORGANIZER	11.99
	101-215-727.000	2 SHELF ORGANIZER	10.29
OFFICE DEPOT		Invoice Amount:	\$66.07
INV. 112214317001 8/4/2020 POLICE DEPT OFFI		Check Date:	09/08/2020
	101-305-727.000	BIG BUBBLE WRAP	22.59
	101-305-727.000	MODULAR BIN 6 QT	10.47
	101-305-727.000	MODULAR BIN 13 QT	12.58
	101-305-727.000	GLUE DOTS	5.89
	101-305-727.000	ROLLER ADHESIVE	4.37
	101-305-727.000	LARGE BINDER CLIPS	4.38
	101-305-727.000	FASTENER	5.79
OFFICE DEPOT		Invoice Amount:	\$442.65
INV. 108589471001 7/20/2020 POLICE DEPT OFF		Check Date:	09/08/2020
	101-305-727.000	YELLOW TONER	102.93

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

	101-305-727.000	MAGENTA TONER	102.93
	101-305-727.000	CYAN TONER	102.93
	101-305-727.000	BLACK TONER	104.44
	101-305-727.000	BADGE REELS	10.29
	101-305-727.000	5 TAB INDEX MAKER	19.13
OFFICE DEPOT		Invoice Amount:	\$14.99
MANILA FOLDERS, DATE STAMPERS, 5160 MAIL		Check Date:	09/08/2020
101-262-727.000	4820 DATE STAMP		14.99
PERSONNEL ASSESSMENT SYSTEMS, INC.		Invoice Amount:	\$7,800.00
INV. 1039 8/21/2020 SERGEANT ASSESSMENT O		Check Date:	09/08/2020
101-305-818.000	DESIGN, ADMIN AND COMMUNICATON		2,900.00
101-305-818.000	PER CANDIDATE FEE (\$300) 1 FEE WAIVED		2,400.00
101-305-818.000	ON-SITE ASSESSOR FEES		2,200.00
101-305-818.000	DEBRIEF SESSIONS (2 ASSESSORS/ONE DAY)		300.00
AIRGAS USA, LLC		Invoice Amount:	\$58.35
#9104272784 8/19/2020		Check Date:	09/08/2020
592-291-935.000	OXYGEN 20		21.32
592-291-935.000	ACETYLENE IND CGA 200		28.89
592-291-935.000	HAZMAT CHARGE		8.14
AIRGAS USA, LLC		Invoice Amount:	\$277.23
OXYGEN TANKS		Check Date:	09/08/2020
101-336-836.000	OXYGEN TANKS		277.23
RED WING SHOES		Invoice Amount:	\$129.99
BOOTS		Check Date:	09/08/2020
101-371-758.000	INVOICE 504-1-54879		129.99
RED WING SHOES		Invoice Amount:	\$166.49
SAFETY FOOTWEAR #20200710030481 8/10/20		Check Date:	09/08/2020
592-172-758.000	JIMMY SCHOLTEN		166.49
RED WING SHOES		Invoice Amount:	\$370.00
SAFETY FOOTWEAR #20200710030481 8/10/20		Check Date:	09/08/2020
592-172-758.000	DAN HAMANN		185.00
592-172-758.000	STEVE MELOW		185.00
RELIABLE LANDSCAPING INC.		Invoice Amount:	\$225.00
POINTE PARK WEEDED BED CARE		Check Date:	09/08/2020
101-691-818.000	INVOICE 91790 POINT PARK		225.00
RELIABLE LANDSCAPING INC.		Invoice Amount:	\$575.00
LAKE POINTE SOCCER BED CARE WEED AND DE		Check Date:	09/08/2020
101-691-818.000	INVOICE 91696		575.00
RELIABLE LANDSCAPING INC.		Invoice Amount:	\$5,280.00
GRASS CUTTING		Check Date:	09/08/2020
101-336-776.000	INVOICE 91235 FIRE TWO		460.00
101-336-776.000	INVOICE 91235 FIRE THREE		340.00
592-291-776.000	INVOICE 91235 DPW		400.00
101-265-858.000	INVOICE 91235 FRIENDSHIP STATION		160.00
101-691-818.000	INVOICE 91235 LAKE POINTE SOCCER PARK		2,580.00
101-691-818.000	INVOICE 91235 MILLER PARK		700.00
101-691-818.000	INVOICE 91235 BRENTWOOD PARK		400.00
101-691-818.000	INVOICE 91235 POINT PARK		240.00

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION****RELIABLE LANDSCAPING INC.****GRASS CUTTING**

	Invoice Amount:	\$4,045.00
	Check Date:	09/08/2020
101-691-818.000	INVOICE 91194 SPRING CLEAN UP	680.00
101-336-776.000	INVOICE 91194 FIRE TWO	365.00
101-336-776.000	INVOICE 91194 FIRE THREE	275.00
592-291-776.000	INVOICE 91194 DPW	320.00
101-265-858.000	INVOICE 91194 FRIENDSHIP STATION	160.00
101-691-818.000	INVOICE 91194 LAKE POINTE SOCCER PARK	1,365.00
101-691-818.000	INVOICE 91194 MILLER PARK	370.00
101-691-818.000	INVOICE 91194 BRENTWOOD PARK	320.00
101-691-818.000	INVOICE 91194 POINT PARK	190.00

RELIABLE LANDSCAPING INC.**GRASS CUTTING JULY**

	Invoice Amount:	\$6,600.00
	Check Date:	09/08/2020
101-336-776.000	INVOICE 91494 FIRE TWO	575.00
101-336-776.000	INVOICE 91494 FIRE THREE	425.00
592-291-776.000	INVOICE 91494 DPW	500.00
101-265-858.000	INVOICE 91494 FRIENDSHIP STATION	200.00
101-691-818.000	INVOICE 91494 LAKE POINTE SOCCER PARK	3,225.00
101-691-818.000	INVOICE 91494 MILLER PARK	875.00
101-691-818.000	INVOICE 91494 BRENTWOOD PARK	500.00
101-691-818.000	INVOICE 91494 POINT PARK	300.00

RELIABLE LANDSCAPING INC.**GRASS CUTTING**

	Invoice Amount:	\$6,600.00
	Check Date:	09/08/2020
101-336-776.000	INVOICE 91298 FIRE TWO	575.00
101-336-776.000	INVOICE 91298 FIRE THREE	425.00
592-291-776.000	INVOICE 91298 DPW	500.00
101-265-858.000	INVOICE 91298 FRIENDSHIP STATION	200.00
101-691-818.000	INVOICE 91235 LAKE POINTE SOCCER PARK	3,225.00
101-691-818.000	INVOICE 91298 MILLER PARK	875.00
101-691-818.000	INVOICE 91298 BRENTWOOD PARK	500.00
101-691-818.000	INVOICE 91298 POINT PARK	300.00

RELIABLE LANDSCAPING INC.**RESTORATIONS @ 14774 THORNRIDGE & 12619**

	Invoice Amount:	\$63.00
	Check Date:	09/08/2020
592-291-932.000	3 YARDS OF TOPSOIL #30825	63.00

SPALDING DEDECKER ASSOCIATES, INC.**SPALDING DEDECKER - AUGUST 2020 INVOICE F**

	Invoice Amount:	\$39,937.95
	Check Date:	09/08/2020
101-371-818.500	#83956-PLYMOUTH TWP ENGINEERING MTGS	500.00
592-172-820.000	#83970 -PLYMOUTH TWP GIS	640.00
101-336-776.000	#83971 - FIRE STATION #2	1,203.00
101-446-818.000	#835968 - SIDEWALK ASSESSMENT	2,861.25
101-446-818.000	#83981-GOLFVIEW PARK ADA IMPROVEMENTS	3,211.25
592-172-820.000	#83984-- 2020-MISS DIG DESIGN TICKET,DPW	275.00
592-291-970.000-20	#84028 - CIPP-JOY ROAD SEWER	2,829.30
592-291-970.000-20	#84928-CIPP-RIVERSIDE DRIVE	2,829.30
592-291-970.000-20	#84028-CIPP-GENERAL DRIVE #1	2,829.30
592-291-970.000-20	#84028-CIPP- GENERAL DRIVE #2	2,829.30
592-291-970.000-20	#8428-CIPP- NORTHVILLE ROAD #1	2,829.30
592-291-970.000-20	#84028-CIPP-NORTHVILLE ROAD #2	2,829.30
592-291-970.000-20	#84028-CIPP - ANN ARBOR ROAD	2,829.30
592-291-970.000-20	#84028-CIPP- BRADBURY CONDO	2,829.30
592-291-970.000-20	#84028-COUNTRY ACRES PUMPING STATION	2,829.30
101-371-818.000	#83957 - 47334 JOY ROAD LOT SPLIT	470.00
101-290-818.000	83986-GALLEON DR. TO CLIPPER ST	622.50

Charter Township of Plymouth **AP Invoice Listing - Board Report**

VENDOR INFORMATION**INVOICE INFORMATION**

101-290-818.000	83985-COMCAST JB00000248236-47523 CLIPP	220.00
101-290-818.000	#83987-COMCAST JB00000345364-44650 HELM	130.00
101-290-818.000	#83989-123 NET - 14356 GENOA CT - DPW	456.25
101-290-818.000	#83988-COMCAST JB00000322179-47673 FIVE	468.75
101-290-818.000	#83990-COMCAST JB 0000338026-44895 HEL	327.50
101-371-818.000	#83980 - PLYMOUTH TWP. ENG. TASKS 2020	1,685.00
101-290-818.000	AT&T - ANDOVER FOREST A01TGJM	805.00
101-290-818.000	#83992-COMCAST JB0000037280-B-45501 HEL	598.75

SPARTAN DISTRIBUTORS**Invoice Amount: \$110.79**

BRAKE PAD KIT - INVOICE # 22439788 (PARKS)

Check Date: 09/08/2020101-691-931.500
101-691-931.500BRAKE PAD KIT - INVOICE # 22439788
FREIGHT99.21
11.58**CBTS, LLC****Invoice Amount: \$1,469.40**

HEADSETS FOR NEW PHONES - QUOTE 147035

Check Date: 09/08/2020226-226-727.000
226-226-727.000
101-371-978.001
101-371-978.001
101-336-978.001
101-336-978.001
592-172-978.001
592-172-978.001PLANTRONICS CS540 HEADSET - 84693-01
APC-43 - (CISCO) ADAPTER CABLE
PLANTRONICS CS540 HEADSET - 84693-01
APC-43 - (CISCO) ADAPTER CABLE
PLANTRONICS CS540 HEADSET - 84693-01
APC-43 - (CISCO) ADAPTER CABLE
PLANTRONICS CS540 HEADSET - 84693-01
APC-43 - (CISCO) ADAPTER CABLE180.95
63.95
361.90
127.90
180.95
63.95
361.90
127.90**TOWN LOCKSMITH****Invoice Amount: \$30.50**

REPAIR NEW KEYS FOR ELECTRIC GATE CONTRO

Check Date: 09/08/2020592-172-776.000
592-172-776.000DE FI
LABOR 2010.50
20.00**TRAINING FORCE USA****Invoice Amount: \$597.00**

INV. FOIA-082020-0352 8/11/2020 FOIA TRAINI

Check Date: 09/08/2020

101-305-960.000

CINDY FELL, GLENN MILLER & SARAH DRIELTS

597.00

Vorva, Jerry**Invoice Amount: \$942.13**

REIMBURSEMENT FROM SOM FOR AUGUST 4, 20

Check Date: 09/08/2020101-262-714.000
101-262-714.000
101-262-714.000SANDWICHES
DELIVERY FEE
6% TAX838.80
50.00
53.33**Vorva, Jerry****Invoice Amount: \$26.35**

REIMBURSEMENT FOR AUGUST 4, 2020 ELECTIO

Check Date: 09/08/2020

101-262-730.000

OVERNIGHT POSTAGE

26.35

Thomas Reuters -WEST PAYMENT CENTER**Invoice Amount: \$306.69**

INV. 842728976 8/1/2020 WEST INFORMATION

Check Date: 09/08/2020

101-305-960.000

JULY 1-31, 2020

306.69

Great Lakes Water Authority**Invoice Amount: \$2,475.20**

8/28/2020 LEAD AND COPPER TESTING

Check Date: 09/08/2020

592-172-818.100

LEAD & COPPER WATER TEST SAMPLING FEE

2,475.20

Great Lakes Water Authority**Invoice Amount: \$518,241.66**

GLWA - JULY 2020 WATER USAGE CHARGES

Check Date: 09/08/2020

592-441-741.000

GLWA - JULY 2020 WATER USAGE

518,241.66

ZEP MANUFACTURING CO**Invoice Amount: \$389.39**

FLASH CLEANER

Check Date: 09/08/2020

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

	101-336-776.000	5 GALLON CONTAINERS OF FLASH	339.40
	101-336-776.000	Shipping	49.99
BONGERO CONSTRUCTION CO		Invoice Amount:	\$870.00
PERMIT REFUND PB20-0615		Check Date:	09/08/2020
	101-371-818.000	OVER PAYMENT ON FEES	870.00
APRIL MAIKOWSKI		Invoice Amount:	\$175.00
PAVILION RESERVATION REFUND - PERMIT 1749		Check Date:	09/08/2020
	101-290-964.000-20	REFUND DUE TO COVID 19	175.00
CANDICE CALE		Invoice Amount:	\$325.00
PAVILION RESERVATION REFUND - PERMIT 1748		Check Date:	09/08/2020
	101-290-964.000-20	REFUND DUE TO COVID 19	325.00
Total Amount to be Disbursed:			\$626,551.02

Charter Township of Plymouth

AP Invoice Listing - Board Report

Weekly Page 9/21/20

VENDOR INFORMATION

INVOICE INFORMATION

ALERUS FINANCIAL

MERS - DC FT EMPLOYEES -- EMPLOYEE CONTRI

101-100-231.000

101-100-231.000

MERS EMPLOYEE POST TAX

MERS EMPLOYEE PRE TAX

Invoice Amount:

\$7,076.69

Check Date:

09/02/2020

588.30

6,488.39

ALERUS FINANCIAL

MERS - DC FT EMPLOYEES -- EMPLOYER CONTRI

226-226-714.010

588-588-714.010

592-172-714.010

592-291-714.000

592-291-714.040

101-262-714.000

101-100-231.000

101-100-231.000

101-371-714.010

101-336-714.020

101-336-714.010

101-325-714.010

101-305-714.030

101-305-714.010

101-265-714.010

101-253-714.010

101-215-714.010

101-201-714.010

101-171-714.010

SOLID WASTE DEPT.

SENIOR TRANS

PUBLIC SERVICES

DPW - FELLRATH, HAMANN

DPW

ELECTIONS (TERRELL)

RODRIGUEZ (DISPATCH) LOAN

NELSON (DPW) LOAN

BUILDING DEPT.

FIRE - UNION

FIRE - JOWSEY

DISPATCH DEPT.

PD DEPT. - UNION

PD DEPT. (TIDERINGTON, GORDON)

BUILDING MANAGER (HAACK)

TREASURER'S OFFICE

CLERK'S OFFICE

IT DIRECTOR

SUPERVISOR'S OFFICE

353.88

236.36

926.16

1,010.31

2,715.00

298.69

191.47

154.52

1,588.39

4,995.93

282.96

2,078.04

3,471.94

674.40

267.12

982.56

1,855.67

577.44

999.30

ALERUS FINANCIAL

MERS-457 PLAN - ALL EMPLOYEES 8-28-2020 PA

101-100-239.000

101-100-239.000

457 CONT. PRE-TAX

457 CONT. ROTH POST-TAX

Invoice Amount:

\$41,872.84

Check Date:

09/02/2020

41,381.41

491.43

A T & T

AT&T - TELEPHONE ALLOCATION AUGUST 2020 -

101-201-853.000

101-209-853.000

101-371-853.000

101-336-853.000

101-305-853.000

101-171-853.000

101-253-853.000

101-215-853.000

101-371-853.500

101-325-853.000

101-265-854.000

101-691-853.000

592-172-853.000

Information Services

Assessing

Building

Fire

Police

Supervisor

Treasurer

Clerk

Community Development

Dispatch

Water/Sewer (Util)

Park

Gen Expense Tel

56.98

34.02

94.84

149.71

151.67

88.67

75.64

44.18

35.30

57.05

13.55

10.61

21.00

A T & T

AT&T - TELEPHONE/INTERENET ALLOCATION AU

101-201-853.000

101-209-853.000

101-371-853.000

101-336-853.000

101-305-853.000

101-171-853.000

101-253-853.000

INFORMATION SERVICES

ASSESSING

BUILDING

FIRE

POLICE

SUPERVISOR

TREASURER

136.86

81.72

227.79

359.59

364.29

212.97

181.69

Invoice Amount:

\$2,001.33

Check Date:

09/02/2020

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

	101-215-853.000	CLERK	106.12
	101-371-853.500	COMMUNITY DEVELOPMENT	84.79
	101-325-853.000	DISPATCH	137.04
	101-265-854.000	WATER/SEWER (UTIL)	32.54
	101-691-853.000	PARK	25.49
	592-172-853.000	GEN EXPENSE TEL	50.44
A T & T		Invoice Amount:	\$435.71
JULY 2020 PAYMENT - ACCT. 734-453-4461-659-		Check Date:	09/02/2020
	101-336-853.000	Fire	148.13
	101-265-853.000	Twp. Hall	34.86
	101-691-853.000	Parks	34.86
	592-291-853.000	DPW	217.86
BUONO, DUANE		Invoice Amount:	\$3,865.25
MECHANICAL INSP PAY AUGUST 2020		Check Date:	09/02/2020
	101-371-818.000	AUGUST 2020 PAY	3,865.25
COMCAST		Invoice Amount:	\$177.55
COMCAST HIGH SPEED INTERNET - TOWNSHIP P		Check Date:	09/02/2020
	101-691-921.000	High Speed Internet - Township Park	177.55
CONSUMERS ENERGY		Invoice Amount:	\$1,413.65
MONTHLY CHGS - AUGUST 2020		Check Date:	09/02/2020
	101-171-921.000	Supervisor	127.02
	101-201-921.000	Info Services	67.97
	101-209-921.000	Assessing	36.36
	101-215-921.000	Clerk	110.39
	101-253-921.000	Treasurer	46.10
	101-305-921.000	Police	364.79
	101-325-921.000	Dispatch	75.93
	101-325-921.400	Lock Up	75.93
	101-336-921.000	Fire Dept	209.53
	101-371-921.000	Building	79.97
	101-371-921.500	Comm Devel	44.80
	101-691-921.000	Park	51.80
	226-226-921.000	Utilities-Solid Waste	10.53
	592-291-921.000	Power & Pumping-DPW	112.53
DTE ENERGY		Invoice Amount:	\$604.45
BASEBALL DIAMONDS JULY 2020-- 9100-157-687		Check Date:	09/02/2020
	101-691-921.000	Baseball Diamonds	604.45
DTE ENERGY		Invoice Amount:	\$12.93
DTE SERVICE MILLER PARK JULY 2020 - 9100-05		Check Date:	09/02/2020
	101-691-921.000	MILLER PARK ELECTRIC JULY 2020	12.93
HEILEMAN, JAMES		Invoice Amount:	\$2,195.25
AUGUST 2020 ELECTRICAL INSP PAY		Check Date:	09/02/2020
	101-371-818.000	AUGUST PAY	2,195.25
I.A.F.F. - LOCAL 1496		Invoice Amount:	\$2,160.00
IAFF DUES-AUGUST 2020 (DETAIL ATTACHED)		Check Date:	09/02/2020
	101-100-232.020	AUGUST 2020 UNION DUES	2,160.00
M E R S		Invoice Amount:	\$118,379.88
MERS - AUGUST 2020 EMPLOYEE AND EMPLOYE		Check Date:	09/02/2020
	101-325-714.050	DISPATCH - EMPLOYER CONTRIB	8,061.00

Charter Township of Plymouth **AP Invoice Listing - Board Report**

VENDOR INFORMATION**INVOICE INFORMATION**

101-336-714.020	FIRE - EMPLOYER CONTRIB	41,720.00
101-305-714.030	POAM - EMPLOYER CONTRIB	26,455.00
101-305-714.030	COAM - EMPLOYER CONTRIB	14,984.27
101-100-231.050	DISPATCH - EMPLOYEE CONTRIB	3,122.75
101-100-231.020	FIRE - EMPLOYEE CONTRIN.	9,844.73
101-100-231.030	POAM-EMPLOYEE CONTRIB.	11,309.75
101-100-231.030	COAM - EMPLOYEE CONTRIB.	2,882.38

MUNSON, STEVE

PLUMBING INSP PAY AUGUST 2020

101-371-818.000 AUGUST 2020

Invoice Amount:**\$1,626.75****Check Date:****09/02/2020**

1,626.75

CHARTER TWSP OF PLYMOUTH

PLYMOUTH TOWNSHIP - WATER/SEWER SEPTE

101-171-921.000	Supervisor	37.57
101-201-921.000	Information Services	20.10
101-209-921.000	Assessors	10.75
101-215-921.000	Clerk	32.65
101-253-921.000	Treasurer	13.64
101-265-854.000	Building	881.60
101-305-921.000	Police	107.90
101-325-921.000	Communications/Dispatch	22.46
101-325-921.400	Lock Up	22.46
101-336-921.000	Fire	4,695.63
101-371-921.000	Building	23.65
101-371-921.500	Planning	13.25
101-691-921.000	Park	2,005.88
226-226-921.000	Solid Waste	3.11
592-172-921.000	Adm/Gen Expense	963.08
592-291-921.000	Power & Pumping	58.87
588-588-921.000	Friendship Station	56.27
592-291-935.000	DPW	7.63

Invoice Amount:**\$8,976.50****Check Date:****09/02/2020****VERIZON WIRELESS**

VERIZON - CELL PHONES FOR PARK & FIRE (ACC

101-691-853.000	PARK CELL PHONE	40.01
101-336-853.000	FIRE - (LIFEPACKS)	49.20

Invoice Amount:**\$89.21****Check Date:****09/02/2020****Total Amount to be Disbursed:****\$215,381.35**

Charter Township of Plymouth

AP Invoice Listing - Board Report

Refunds Page: 9/21/20

VENDOR INFORMATION

INVOICE INFORMATION

CHARTER TWSP OF PLYMOUTH			Invoice Amount:	\$35.00
BD Bond Refund			Check Date:	09/06/2020
	101-371-283.011	BPZ19-0016		35.00
CHARTER TWSP OF PLYMOUTH			Invoice Amount:	\$700.00
BD Bond Refund			Check Date:	09/06/2020
	101-371-283.011	BPZ19-0010		700.00
SOLE CONSTRUCTION, INC.			Invoice Amount:	\$25,191.68
BD Bond Refund			Check Date:	09/06/2020
	101-371-283.016	BPZ19-0006 - PB19-0322		25,191.68
SIMPLIFILE, LC			Invoice Amount:	\$33.00
BD Bond Refund			Check Date:	09/06/2020
	101-371-283.016	BE20-0003		33.00
M/I Homes of Michigan LLC			Invoice Amount:	\$1,500.00
BD Bond Refund			Check Date:	09/06/2020
	101-371-283.001	BP19-0053 - PB19-1004		1,500.00
APK Investments LLC			Invoice Amount:	\$1,500.00
BD Bond Refund			Check Date:	09/06/2020
	101-371-283.001	BP18-0017 - PB18-0283		1,500.00
NAGLE PAVING CO			Invoice Amount:	\$1,500.00
BD Bond Refund			Check Date:	09/06/2020
	101-371-283.001	BP19-0051 - PB19-1103		1,500.00
Total Amount to be Disbursed:				\$30,459.68

P. Bond 8/26/20

Charter Township of Plymouth
AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION****35TH DISTRICT COURT****Invoice Amount:****\$1,250.00**

BOND RECEIPT 08-21-2020

Check Date:**08/24/2020***702-100-087.000**BOND RECEIPT NUMBER 8172**250.00**702-100-087.000**BOND RECEIPT NUMBER 8173**500.00**702-100-087.000**BOND RECEIPT NUMBER 8174**500.00***Total Amount to be Disbursed:****\$1,250.00**

Charter Township of Plymouth

AP Invoice Listing - Board Report

Wesley 8/28/20
Page 21/20

VENDOR INFORMATION**INVOICE INFORMATION**

A T & T			Invoice Amount:	\$966.94
AT&T - TELEPHONE AUGUST 2020	ACCT. 8		Check Date:	08/27/2020
	101-325-853.400	COMM/LOCKUP PHONE		966.94
COMCAST			Invoice Amount:	\$178.79
INTERNET - AUGUST 2020 -- ACCT 8529 10 216			Check Date:	08/27/2020
	101-265-854.000	Senior Ctr Internet		168.06
	588-588-921.000	Senior Trans Internet		10.73
COMCAST			Invoice Amount:	\$168.40
INTERNET - AUGUST 2020	ACCT 8529		Check Date:	08/27/2020
	101-336-921.000	AUGUST 2020 FIRE INTERNET		168.40
COMCAST			Invoice Amount:	\$61.90
INTERNET - SEPTEMBER 2020	XFINITY ACCT		Check Date:	08/27/2020
	101-290-941.000	SEPTEMBER 2020 INTERNET		61.90
COMCAST			Invoice Amount:	\$168.35
INTERNET - AUGUST 2020	ACCT 8529 10 216		Check Date:	08/27/2020
	101-290-941.000	AUGUST 2020 INTERNET (GEN)		168.35
COMCAST			Invoice Amount:	\$148.35
INTERNET PORT STREET - SEPTEMBER 2020 --			Check Date:	08/27/2020
	592-291-805.000	Internet - Port Street		148.35
CONSUMERS ENERGY			Invoice Amount:	\$105.68
MONTHLY CHGS - SEPTEMBER 2020 DPW ONLY			Check Date:	08/27/2020
	592-172-921.000	DPW-ACCT. # 1000-2645-6283		87.90
	592-172-921.000	DPW - ACCT. 3 1000-2645-6408		17.78
CONSUMERS ENERGY			Invoice Amount:	\$14.00
MONTHLY CHGS - JULY 2020 SERVICE @ 47755			Check Date:	08/27/2020
	592-444-745.000	ACCT #1000-6777-1970-- 47755 SMILE ROAD		14.00
DTE ENERGY			Invoice Amount:	\$20.07
FS # 2 SERVICE- SEPTEMBER 2020- 9200-013-78			Check Date:	08/27/2020
	101-336-921.000	FS #2 ELECTRIC SERVICE SEPTEMBER 2020		20.07
HONKE, ANITA			Invoice Amount:	\$144.60
MEDICARE PART B - SEPTEMBER 2020			Check Date:	08/27/2020
	101-336-714.000	MEDICARE PART B SEPTEMBER 2020		144.60
KNUPP, LINDA			Invoice Amount:	\$144.60
MEDICARE PART B SEPTEMBER 2020			Check Date:	08/27/2020
	101-336-714.500	MEDICARE PART B SEPTEMBER 2020		144.60
MAAS, CARLAS			Invoice Amount:	\$188.00
MEDICARE PART B SEPTEMBER 2020			Check Date:	08/27/2020
	101-336-714.000	MEDICARE PART B -SEPTEMBER 2020		188.00
MMLWCF			Invoice Amount:	\$2,256.90
REFUND OF PAYMENTS FOR WORKERS COMP - A			Check Date:	08/27/2020
	101-336-720.000	REFUND OF PAYMENTS FOR WORKERS COMP		2,256.90
RESERVE ACCOUNT			Invoice Amount:	\$5,000.00
Postage for Postal Meter			Check Date:	08/27/2020
	101-215-727.000	Postage for Reserve Account		5,000.00

Charter Township of Plymouth **AP Invoice Listing - Board Report**

VENDOR INFORMATION**INVOICE INFORMATION****A T & T LONG DISTANCE****Invoice Amount:****\$0.85**

LONG DISTANCE ALLOCATION JULY 2020

Check Date:**08/27/2020**

101-201-853.000	-info services	0.06
101-209-853.000	Assessing	0.03
101-371-853.000	Building	0.10
101-336-853.000	Fire	0.15
101-171-853.000	Supervisor	0.09
101-253-853.000	Treasurer	0.08
101-215-853.000	Clerk	0.05
101-371-853.500	Community Development (Planning)	0.04
101-325-853.000	Dispatch	0.06
101-265-854.000	Township Hall	0.01
101-691-853.000	Park	0.01
592-172-853.000	DPW	0.02
101-305-853.000	Police	0.15

Total Amount to be Disbursed:**\$9,567.43**

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$430.00
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE18-0021		430.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$330.00
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE18-0007		330.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$921.25
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE18-0016		921.25
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,377.50
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE18-0026		1,377.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$550.00
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE18-0005		550.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$220.00
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE19-0007		220.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$840.00
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BP219-0006 - PB19-0322		840.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$220.00
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE19-0002		220.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,640.00
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE19-0004		1,640.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,140.00
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE19-0009		1,140.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$990.00
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE20-0004		990.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$2,210.00
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE20-0003		2,210.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$4,814.50
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE20-0008		4,814.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$203.75
BD Bond Refund			Check Date:	08/26/2020
	101-371-283.016	BE20-0001		203.75

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION****SPALDING DEDECKER ASSOCIATES, INC.**

BD Bond Refund

101-371-283.016

BE18-0028

Invoice Amount:**\$55.00****Check Date:****08/26/2020**

55.00

SPALDING DEDECKER ASSOCIATES, INC.

BD Bond Refund

101-371-283.016

BE20-0002

Invoice Amount:**\$240.00****Check Date:****08/26/2020**

240.00

SIMPLIFILE, LC

BD Bond Refund

101-371-283.016

BE20-0002

Invoice Amount:**\$33.00****Check Date:****08/26/2020**

33.00

Total Amount to be Disbursed:**\$16,215.00**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 8, 2020

ITEM: Presentation by the Senior Alliance

PRESENTERS: Supervisor Heise

BACKGROUND: A representative of the Senior Alliance would like to make a presentation at our September 8 meeting. The Senior Alliance, Area Agency on Aging 1-C, is a non-profit 501(c)(3) agency established in 1980 and designated as the Area Agency on Aging for the 34 communities of Southern and Western Wayne County in Michigan. The Senior Alliance serves as the focal point for older adults in the region, by funding and administering a network of services. The Senior Alliance also arranges for services to qualified older adults and individuals living with disabilities as part of the MI Choice Waiver program in Michigan. The Senior Alliance's policies are set by an 18 member Board of Directors. The board is advised in turn by an Advisory Council comprised of seniors, service providers, and the general public.

PROPOSED MOTION: : None; presentation only.



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 8, 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 2020-09-08-84. This will constitute the first reading of the Ordinance to Amend the Water and Sewer Ordinance.

Moved By _____ Seconded 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 2020-09-08-84

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 8, 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 GLWA 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,

WHEREAS, Section 23 of the Charter Township Act, 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;

NOW, THEREFORE, BE IT RESOLVED THAT the Charter Township of Plymouth Board of Trustees enacts Ordinance No. _____ repeals 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, Doroshewitz, Heise, Heitman, Vorva]

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

Certification

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: 2020-09-08-84

**STATE OF MICHIGAN
COUNTY OF WAYNE
CHARTER TOWNSHIP OF PLYMOUTH**

AMENDMENT TO WATER AND SEWER ORDINANCE

ORDINANCE NO. _____

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. _____, 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

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 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 8th 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: _____

GLWA Rules

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GLWA Rules

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:

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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

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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 (PFTriA), 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), Perfluorooctanesulfonic acid (PFOS), Perfluoroheptanesulfonic acid (PFHpS), Perfluorohexanesulfonic acid (PFHxS), Perfluoropentanesulfonic acid (PFPeS), Perfluorobutanesulfonic acid (PFBS), Perfluorooctanesulfonamide (FOSA), Fluorotelomer sulphonic acid 8:2 (FtS 8:2), Fluorotelomer sulphonic acid 6:2 (FtS 6:2), Fluorotelomer sulphonic acid 4:2 (FtS 4:2), 2-(N-Ethylperfluorooctanesulfonamido) acetic acid (N-EtFOSAA), 2-(NMethylperfluorooctanesulfonamido) 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 base-ten 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-Chlorophenol, 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.

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“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

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				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 Pretreatment Program			
USEPA	Environmental Protection Agency	ug/l		Micrograms per liter

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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
- l) 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:

GLWA Rules**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.
 - 1) Flammable and combustible substances include, but are not limited to, gasoline, benzene, naphtha, 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 on-site, 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.

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- 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:
 - 1) 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 SOURCESSection 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.
 - 1) 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

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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.
- b) 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.
 - i. 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:
- 1) 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.
 - 1) 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.
 - 2) 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;
 - i. 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;
 - v. 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

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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,

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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.

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 sub-paragraph (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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- 4) 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;
 - 6) 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:

Violation Type	Criteria	Event	Within a Calendar Year (per violation)	
			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 self-monitoring 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

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- 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:
 - 1) 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.
 - i) 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 screening and monitoring program 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.

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- 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) Training Operations and Exercises – 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) Fire or Emergency Events – (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:
 - 1) 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.

GLWA Rules**Article XV STATUTES, LAWS AND REGULATIONS**

Section II-1501. 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.

Section II-1502. The 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.

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

Section II-1504. Nothing 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 Board Mills	40 CFR Part 431	Metal Products and Machinery	40 CFR Part 438
Canned and Preserved Fruits and Vegetables	40 CFR Part 407	Mineral Mining and Processing	40 CFR Part 436
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 Cleaning	40 CFR Part 442
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 Strength 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 =

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

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.
 - 2) 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 self-monitoring. 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 Number	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphorus	FOG
				* Signifies Domestic Strength Level			
2011	Meat Packing Plants	311611	Animal (except Poultry) Slaughtering	1200	800	*	400
2013	Sausages & Other Prepared Meat Products	311612	Meat Processed from Carcasses	800	700	*	150
		311613	Rendering and Meat Byproduct Processing				
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	1100	500	*	500
		311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing				
2035	Pickled Fruits and Vegetables, Vegetable Sauces and Seasonings, and Salad Dressings	311421	Fruit and Vegetable Canning	1000	500	*	*
		311941	Mayonnaise, Dressing and Other Prepared Sauce Manufacturing				
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 Products	311211	Flour Milling	1600	*	*	*
2043	Cereal Breakfast Foods	311230	Breakfast Cereal Manufacturing	1600	*	*	*
		311920	Coffee and Tea Manufacturing				
2044	Rice Milling	311212	Rice Milling	1600	*	*	*

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SIC Number	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphorus	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	Commercial Bakeries	800	*	*	*
		311821	Cookie and Cracker Manufacturing				
		311919	Other Snack Food Manufacturing				
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	650	2000	*	500
		311225	Fats and Oils Refining and Blending				
2077	Animal and Marine Fats and Oils	311613	Rendering and Meat Byproduct Processing				
		311710	Seafood Product Preparation and Packaging				

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SIC Number	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphorus	FOG
				* Signifies Domestic Strength Level			
2079	Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, Not elsewhere classified	311224	Soybean and other Oilseed Products	1000	*	*	200
		311225	Fats and Oils Refining and Blending				
2082	Malt Beverages	312120	Breweries	1400	600	*	*
2086	Soft Drinks	312111	Soft Drink Manufacturing	600	*	*	*
		312112	Bottled Water Manufacturing				
2090	Miscellaneous Food Products			1000	500	*	150
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				
2096	Potato Chips, Corn Chips, and Similar Snacks	311919	Other Snack Food Manufacturing				
2097	Manufactured Ice	312113	Ice Manufacturing				
2098	Macaroni, Spaghetti, Vermicelli and Noodles	311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour				
2099	Food Preparations, Not Elsewhere Classified	111998	All Other Miscellaneous Crop Farming				
		311212	Rice Milling				
		311340	Non-chocolate Confectionery Manufacturing				

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

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SIC Number	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphorus	FOG
				* Signifies Domestic Strength Level			
		325180	Other basic Inorganic Chemical Manufacturing				
		325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing				
		331311	Alumina Refining				
2830	Drugs						
2833	Medicinal Chemicals and Botanical Products	325411	Medicinal and Botanical Manufacturing	500	500	*	*
2834	Pharmaceutical Preparation Manufacturing	325412	Pharmaceutical Preparation Manufacturing				
		325412	Pharmaceutical Preparation Manufacturing				
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						
2841	Soap and Other Detergents, except Specialty Cleaners	325611	Soap and Other Detergent Manufacturing	600	*	*	200
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				
2844	Perfumes, Cosmetics, and other Toilet Preparations	325620	Toilet Preparation Manufacturing				

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

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SIC Number	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphorus	FOG
				* Signifies Domestic Strength Level			
		325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing				
3010/1	Tire & Inner Tubes	326211	Tire Manufacturing (except Retreading)	*	500	*	*
3060	Fabricated Rubber Products						
3061	Molded, Extruded, and Lathe cut Mechanical Rubber Goods	326291	Rubber Product Manufacturing for Mechanical Use	*	500	*	*
3069	Fabricated Rubber Products, Not Elsewhere Classified	313320	Fabric Coating Mills				
		314910	Textile Bag Mills				
		315280	Other Cut and Sew Apparel Manufacturing				
		315990	Apparel Accessories and Other Apparel Manufacturing				
		326199	All other Plastics Products Manufacturing				
		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				
5085	Drums & Barrels - Reconditioning			1200	800	16	1500
5090	Miscellaneous Durable Goods						
5091	Sporting and Recreational Goods and Supplies	423910	Sporting and Recreational Goods and Supplies Merchant Wholesalers	400	500	*	150

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

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SIC Number	SIC Description	NAICS Number	NAICS Description	BOD	TSS	Phosphorus	FOG
				* Signifies Domestic Strength Level			
		444190	Other Building Material Dealers				
		451110	Sporting Goods Stores				
		451120	Hobby, Toy, and Game Stores				
7213	Linen Service	812331	Linen Supply	500	*	*	200
7218	Industrial laundries	812332	Industrial Launderers	600	600	*	400

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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

Section IV-101. 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

Section IV-201. 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.

Section IV-202. 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.

Section IV-203. 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.

Section IV-204. 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 WastesSection 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

GLWA Rules

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

Section IV-401. 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.

Section IV-402. 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.

Section IV-403. 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.

Section IV-404. 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.

Section IV-405. 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

Section IV-601. 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

Section IV-701. 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.

Section IV-702. 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;
- c) 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
 - 2) 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

GLWA Rules

- purposes only;
- 2) 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

Section V-201. 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.

GLWA Rules**Article III Other Fees**

Section V-301. 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.

Section V-302. 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:

Section VI-101. 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

Section VI-103. 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

Section VI-201. 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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Section VI-202. 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

Section VI-301. 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.

Section VI-302. 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

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

Section VI-402. 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.

Section VI-403. 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

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collect a Flow-composite based sampling from the User's facility using equipment other than or different than 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

Section VII-101. 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.

Section VII-102. 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:

GLWA Rules

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.
- b) 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

Section VII-401. 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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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 PROCEDURESection 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 MEETINGSection 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.

GLWA Rules

Approved:

Published:

Effective:



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 8, 2020

ITEM: Text amendment 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 regarding signage standards

Resolution #2020-09-08-85

PRESENTERS: Laura Haw, AICP, NCI, Township Planner, McKenna

BACKGROUND:

Basis for the Proposed Text Amendment. Plymouth Township's Zoning Ordinance requires that all ground (monument) signs shall have a masonry (ex: brick) base. There have been a couple variance requests to the Zoning Board of Appeals (ZBA) regarding non-masonry ground signage for research, technology and industrial companies in the TAR, Technology and Research district and the IND, Industrial district. This includes AVL's and Webasto's past request for a non-masonry base to their ground sign. In both cases, an aluminum base was proposed (and approved), in keeping with the more modern, technology focused character of the company.

We anticipate that with the development of the MITC (Michigan International Technology Center) corridor along 5 Mile Road, similar requests will be made (at least 21 new sites for development are proposed currently).

Summary of the Proposed Text Amendment. The enclosed text amendments apply to the IND and TAR districts (i.e., Article 18: Technology and Research District, section 18.4.5: Development Requirements and Article 19: Industrial District, section 19.4.5: Development Requirements) and will amend the following existing language:

Existing Language:

Development Requirements.

5. Signs for all uses as specified in Article 25 of this Ordinance, except that pole signs shall not be permitted. Ground signs shall be of a monument type with a base constructed predominately of masonry as approved by the Planning Commission.

Essentially, the proposed language (enclosed) would eliminate the need for an applicant to go before the Zoning Board of Appeals (ZBA) for a variance if requesting a ground sign in the IND or TAR district that was comprised of non-masonry materials. An application to the ZBA for a

variance requires a public hearing and notification to all property owners within 300-feet, which can be a lengthy and time-consuming process.

After the Planning Commission initially discussed the subject, they recommended that a minor change be made to the Zoning Ordinance which would permit the Commission to review and approve ground signs in the IND and TAR districts that are non-masonry. Several evaluation criteria for the Commission to consider when reviewing a request are also listed in the proposed text amendment. This process will be much less involved, in terms of both the applicant's time and Township resources; however, it will still allow for Township oversight and quality control.

The enclosed draft text amendments show proposed text in blue underlined, with ~~red strikethrough~~ text to be deleted.

Process. The first step in a text amendment to the Zoning Ordinance is for the Planning Commission to review the proposed language, hold a public hearing, and make a recommendation to the Board of Trustees (i.e., approval, denial, or approval with modifications). The public hearing was held at the August 19, 2020 Planning Commission meeting, where no public comment was made.

After review of the proposed amendments, the Planning Commission recommended approval of the modifications to Article 18: TAR, Technology and Research District and Article 19: IND, Industrial District - Signage Standards, to the Board of Trustees with no changes. Township attorney Kevin Bennett has reviewed the proposed text amendments and has no objections.

ACTION REQUESTED:

Notwithstanding any other comments by the Board or public, it is recommended that the Board of Trustees consider and approve 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, as noted in the enclosed resolution.

PROPOSED MOTION:

I move 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.

Moved By _____ Seconded By _____

ROLL CALL:

___ Heise ___ Heitman ___ Vorva ___ Clinton ___ Curmi ___ Dempsey ___ Doroshewitz

Enclosures: DRAFT: Article 18: TAR, Technology and Research District
DRAFT: Article 19: IND, Industrial District

**STATE OF MICHIGAN
COUNTY OF WAYNE
CHARTER TOWNSHIP OF PLYMOUTH**

**RESOLUTION TO APPROVE
ZONING ORDINANCE NO. 99 TEXT AMENDMENTS TO SECTIONS 18.4.5 & 19.4.5**

RESOLUTION #2020-09-08-85

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

WHEREAS, the Planning Commission has reviewed and discussed proposed text amendments to Article 18: TAR, Technology and Research District (section 18.4.5) and to Article 19: IND, Industrial District (section 19.4.5) as related to the consideration of non-masonry ground signs by the Commission, and,

WHEREAS, the Planning Commission held a public hearing on this matter on August 19, 2020, where no public comment was made, and reviewed and discussed evaluation criteria when considering non-masonry ground signs, and,

WHEREAS, on August 19, 2020, the Planning Commission recommended to the Board of Trustees text amendments to the Zoning Ordinance for consideration and approval, as related to non-masonry ground signs in the TAR and IND Districts, and,

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve Resolution #2020-09-08-85 authorizing a text amendment to Article 18: TAR, Technology and Research District (section 18.4.5) and to Article 19: IND, Industrial District (section 19.4.5) of Zoning Ordinance No. 99.

Motion By: _____ **Seconded By:** _____

Roll Call:

____ Heise ____ Heitman ____ Vorva ____ Clinton ____ Curmi ____ Dempsey ____ Doroshewitz

MOTION CARRIED _____ **MOTION DEFEATED** _____

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ARTICLE XVIII

TAR TECHNOLOGY AND RESEARCH DISTRICT

DRAFT: August 3, 2020

PURPOSE

Advances in industry and technology have created uses which are related to industry and office uses, but may not be appropriate or function adequately in a typical industrial or office zoning district. These uses have been identified as "high tech" uses. The purpose of the Technology and Research District (TAR) District is to provide an environment where high tech uses and functions such as engineering, design, research and development, photonics/optics, computer assisted design, robotics search, numerical control equipment (CAD/CAM), prototype development and limited manufacturing, biotechnology, lasers, medical research, food, and materials testing, telecommunications, and related storage, warehousing and limited assembly operations associated with principal permitted uses can be located.

The TAR District is intended to be developed in a campus-type environment, with generous landscaping and attractive buildings, where permitted uses will not be negatively impacted by the elements and conditions (such as extensive heavy truck traffic) commonly found in a traditional Industrial District. Such areas are often visible from freeways and high image locations.

SEC. 18.1 PRINCIPAL PERMITTED USES

No building or land shall be used and no building shall be erected except for one or more of the following specified uses, unless otherwise provided in this Ordinance:

1. Laboratories, offices and other facilities for basic and applied research, experimentation, testing, product design, technology development, consulting and business development.
2. Business schools and training facilities.
3. Office buildings, providing for uses such as corporate offices in accordance with the purpose of this district, including any of the following occupations: Executive; administrative; professional; accounting; engineering; planning; architecture; drafting; writing; clerical; stenographic; and sales provided that no display shall be visible from the exterior of the building, and that such sales shall be clearly incidental to the principal office use in the determination of the Planning Commission.
4. Data processing and computer centers, including service and maintenance of electronic data processing equipment.
5. Any use charged with the principal function of research in the area of photonics/optics, robotics, and electronic equipment.

PURPOSE

SEC. 18.1

PRINCIPAL PERMITTED USES

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6. A high technology service use, which has as its principal function the providing of services including computer information transfer, communication, distribution, management, processing, administrative, laboratory, experimental, developmental, technical, or testing services.
7. A high technology industrial use, which has as its principal function light manufacturing, assembly, fabrication or machining from processed materials. Such uses shall include but are not limited to agricultural technology, biological or pharmaceutical research, software technology, telecommunications, biomedical technology, fluid transfer and handling technology, defense and aerospace technologies or other technology oriented or emerging industrial or business activity. Permitted high technology industrial uses shall not include heavy manufacturing, heavy stamping operations, or manufacturing from raw unprocessed materials or uses specifically prohibited in Section 18.3.
8. Research, development, engineering, design, assembly, fabrication and limited light manufacturing of high-technology equipment, including equipment involved in any high technology industrial activity as defined in Subsection 7 above, instrumentation or associated computer software.
9. Engine product research, fluid transfer and handling product research, development, engineering, design, testing, assembly, production, and related office, sales and administrative uses.
10. Accessory structures and uses customarily incidental to the above permitted uses, subject to the following.
 - (a) Accessory storage of products and materials necessary to the permitted operation may be provided within the building. Outdoor storage shall be prohibited.
 - (b) Child care centers, recreation and fitness facilities, cafeterias, health care services, financial services and similar uses may be permitted as accessory uses, if such uses are located wholly within the principal building (except for outdoor recreation and fitness facilities), conducted primarily for the convenience of the employees of the principal use and have no exterior advertising or displays.

SEC. 18.2 SPECIAL LAND USES

The following uses shall be considered special land uses in this district and shall be permitted only after review and approval by the Planning Commission in accordance with the procedure and standards as found in Section 2.7 of this Ordinance and further subject to the requirements listed below:

1. Medical offices, clinics research, and medical supply facilities, including auxiliary or accessory laboratories. Such uses may include sports medicine, medical wellness, physical therapy, physical medicine, and similar facilities. Substance abuse (drugs and alcohol)

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treatment facilities, and facilities principally for emergency services or that provide 24 hour services shall not be permitted.

2. Motels and hotels.
3. Publicly owned and operated buildings and facilities, such as fire stations.
4. Outdoor uses, such as testing facilities for prototype products and facilities used for training employees in activities applicable to the permitted use. Such facilities shall be screened from adjacent properties and street rights-of-way in accordance with Section 26.11, Methods of Screening.
5. Banks, credit unions and other similar financial services.
6. Public utility transformer stations, substations and gas regulator stations without service or storage yards shall comply with the requirements of Section 26.12, Areas Requiring Screening and/or Buffering, and shall provide a front yard setback of not less than fifty (50) feet, irrespective of the yard requirements of the district in which it is located, and two side yard and a rear yard setback of not less than twenty-five (25) feet in width each.
7. Retail uses which in the determination of the Planning Commission are incidental and complementary to the principal technology and research uses, including the following business services such as printing, copying and mailing.
8. Restaurants or other places serving food and/or beverages without open front windows, drive-ins or drive through service, and located within a building containing one or more other principal uses.
9. Corporate fitness centers, health spas, racquetball clubs, bowling alleys or similar forms of recreation, except as otherwise provided herein.
10. Child care centers subject to the standards of Section 28.64.
11. Limited accessory outdoor storage subject to the following:
 - (a) Evidence satisfactory to the Planning Commission shall be provided that the open storage is essential to the approved principal permitted use.
 - (b) Open storage of raw materials, junk vehicles which are wrecked, disabled, worn out, abandoned, or incapable of movement, waste materials, parts, assemblies, and similar items shall be prohibited.
 - (c) Evidence satisfactory to the Planning Commission shall be provided that the storage cannot reasonably be enclosed in a building.

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- (d) Evidence satisfactory to the Planning Commission that the storage will not cause an undue hardship to other uses or the Township.
 - (e) All open storage shall be completely screened on all sides by a decorative masonry or brick obscuring wall which matches the main building, or a berm eight (8) feet in height, located a minimum of twenty-five (25) feet from the street setback line when the area abuts a streets. An eight (8) foot wide planting strip shall be located on the street side of the wall or berm. When the side and/or rear yard does not abut a street, the wall or berm shall be located on the property line. The combined use of a wall and a berm shall be permitted.
 - (f) Within the intent of this Section, the Planning Commission may approve alternatives as it deems necessary to accommodate peculiar or unforeseen circumstances.
12. Wireless communication facilities, subject to the conditions of Section 28.11.
13. Any other use of the same nature or class as uses listed in this district as either a principal permitted use or a special land use which the Planning Commission finds not to be inconsistent with the purpose of this Article, and which will not impair the present or potential use of adjacent properties. When considering other uses, the Planning Commission shall review the nature, function, and proposed location of the use to ensure that it will not conflict with other permitted uses in the district.

SEC 18.2A USES SPECIFICALLY PROHIBITED (added 3/14/10) (Refer also to sec 18.3)

No building or land shall be used and no building shall be erected for any use which would be in violation of any State or Federal Law.

SEC. 18.3 USES SPECIFICALLY PROHIBITED

No building or land shall be used and no building shall be erected for any of the following uses:

- 1. The following uses shall be considered as not meeting the minimum standards of this Ordinance as to performance and potential negative impacts on surrounding properties:
 - (a) Processing of corrosive acid, cement, lime, gypsum or plaster.
 - (b) Distillation of bone, coal, tar, petroleum refuse, grain or wood.
 - (c) Processing or storage of explosives.
 - (d) Processing of fertilizer or storage of compost.
 - (e) Processing of products from animal refuse or offal including glue, size or gelatin.
 - (f) Processing using steam or board hammers or forging presses.

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- (g) Tanning, curing or storage of raw, green or salted skins or hides.
 - (h) Manufacturing of sulphurous, sulfuric, nitric, picric, carbolic, hydrochloric or other corrosive acid, however the use of corrosive acids in connection with any permitted use is not prohibited.
 - (i) Petroleum or asphalt refining, mixing or manufacturing.
 - (j) Slaughtering of animals, stock yards, livestock feeding yards.
 - (k) Manufacturing or disposal, above or below ground; of nuclear or radioactive materials.
 - (l) Processing of garbage, offal, dead animals, refuse, rancid fats.
2. Any use which may create unusual danger for fire, explosion, toxic or noxious matter, radiation, or which may cause noxious, offensive, unhealthful or harmful odors, fumes, dust, smoke, light, waste, noise or vibration.
 3. Warehousing, truck transfer or distribution centers as a principal use.

SEC. 18.4 DEVELOPMENT REQUIREMENTS

All principal permitted uses and special land uses shall comply with all applicable provisions of the Zoning Ordinance, including, but not limited to the following:

1. Site plan and development approval for all uses as specified in Article 29 of this Ordinance.
2. Off-street parking for all uses as specified in Article 24 of this Ordinance.
3. Off-street loading and unloading for all uses as specified in Article 24 of this Ordinance. The Planning Commission may modify such requirements, if in its sole determination, the use does not require the number of loading spaces specified in Article 24.
4. Landscaping, screening and land use buffers for all uses shall be in accordance with Article 26 of this Ordinance.
5. Signs for all uses as specified in Article 25 of this Ordinance, except that pole signs shall not be permitted, and except that the Planning Commission may consider alternative materials for the base and/or sign, provided the sign:
 - (a) Is in keeping with the architecture and character of the principal building and/or established company logo;
 - (b) Does not constitute a traffic hazard; and
 - (c) Is constructed with durable and weather resistant materials.

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~~Freestanding signs shall be of a monument or ground type with a base constructed predominately of masonry as approved by the Planning Commission.~~

6. Special Provisions, as specified in Article 28 of this Ordinance.
7. Height, area, lot coverage and yard regulations as specified in Article 20 Schedule of Regulations of this Ordinance.
8. The following specific requirements shall apply within the TAR Technology and Research District:
 - (a) **Machines Permitted.** All machines are permitted when installed and operated so as not to allow a noise, odor, fumes, dust, smoke, glare or radioactive material exceeding the limits set by Section 28.5, Environmental Performance Standards. In no case shall such impacts be detectable from districts in which residence occupancy is permitted within the Charter Township of Plymouth.
 - (b) **Environmental Performance Requirements.** Compliance with Section 28.5, Environmental Performance Requirements, is required for all uses.
 - (c) **Landscaping and Screening.**
 - 1) ~~Setback Landscaping.~~ All setback areas shall be landscaped with lawns, trees, shrubs and/or other plants, and may include reflecting pools, retaining walls and other landscape construction harmonious with the overall landscape scheme.
 - 2) ~~Parking and Loading Location and Screening:~~ Parking and loading areas may be located in side and rear setback areas, but shall be prohibited from the front yard setback. Further, all doors designed for vehicles and loading docks and truck wells shall not be located on the front of the building, and shall be screened from view from any road.

 Parking provided in a side yard setback adjacent to a street shall be provided with a ten (10) foot landscaped greenbelt, adjacent to that street. On a corner lot, one of the front yards may be designated a side yard. Parking and loading areas shall be screened in compliance with Article 26 of this Ordinance.
 - (d) **Source of Power.** Power for any manufacturing or heating process or activity shall be derived only from electrical energy, smokeless fuels, such as gas or oil, or smokeless solid fuels containing less than twenty (20) percent of the volatile content on a dry basis.
 - (e) **Yard Grading and Drainage** as specified in Section 28.15 of this Ordinance.

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- (f) **Emergency Access.** All buildings shall be readily accessible by fire and emergency vehicles and shall comply with the Township Fire Prevention Ordinance.
- (g) **Sidewalks** as specified in Section 28.16 of this Ordinance.
- (h) **Exterior lighting** shall comply with the standards as specified in Section 28.8, Exterior Lighting.
- (i) **The method of trash removal** shall be presented to the Planning Commission for approval. If Dumpsters and similar waste receptacles are proposed, they shall be screened in a manner acceptable to the Planning Commission subject to the requirements of Section 28.9, Waste Receptacles.
- (j) **Fencing, and Screen Walls.** Fences and screen walls shall require review and approval by the Planning Commission as a part of the Site Plan Approval. In a TAR Technology Research District protective or security fencing shall be considered a structure enclosing a piece of land separating contiguous land, either in whole or part, serving the purpose of preventing intrusion onto or across a lot of record or any parcel or tract of unplatted land from which it is straying from within. The following shall govern the height, location and placement of protective or security fencing:
 - 1) **Permit Required:** In the TAR District it shall be unlawful for any person to build, repair or relocate a protective or security fence without first having obtained a Zoning Compliance and/or Building Permit from the Department of Building and Code Enforcement.
 - 2) **Maximum Height:** The maximum height of a protective or security fence shall be six (6) feet.
 - 3) **Material:** Fences will not be constructed of old or used material unless such material shall be reasonably sound in the judgment of the Department of Building and Code Enforcement. Fences shall not be made of or contain barbed wire, electric current or charges of electricity or sharp or pointed projections of any kind; provided if such fence is constructed of pickets, the pickets shall be made of not less than one (1) inch by three (3) inch material and shall have an angle at the top of not less than ninety (90) degrees. The fence shall comply with the requirements of applicable requirements of the State Construction Code enforced by the Township. Plastic or other type of strips intertwined in cyclone fencing shall be prohibited.
 - 4) **Placement:** Except as part of a special land use approval, no fence shall be built closer to the street than the front setback line applicable to the premises pursuant to the Article 20 Schedule of Regulations, provided no fence shall be built closer to the street than the established front building line along side streets or in front of the building closest to the streets on the fenced premises.

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(k) Building Design Standards.

- 1) All exterior building facades shall be of the same finish material as the front facade of the main building and all materials used shall be recognized as finished materials (standard concrete or cinder block shall not be permitted). The exterior finish and scale of the buildings shall be harmonious with the surroundings area and natural environment. Building shall comply with Section 28.14, Building Design Standards.
- 2) Elevators, stairways, tanks, heating and conditioning equipment, vents, ducts, pipes and other similar apparatus shall be screened from view from off-site by a penthouse or structure equal in height to the height of the equipment being screened. The outside finish materials shall be the same as or complimentary to the building facade finish materials to which it is attached. The Planning Commission may modify this requirement at site plan review.
- 3) In accordance with the established development pattern, any such building which is located on a site with Beck Road frontage shall be finished in brick.
- 4) Building elevation and landscaping provided on sites which abut a limited access highway shall be of equal importance and present an attractive appearance, comparable to the building front.

(l) Environmental Features.

- 1) The developer shall make every attempt to preserve any natural features on the site which exist prior to development. Existing natural features shall be shown in the site plan.
- 2) If natural features need to be altered or removed, it shall be the responsibility of the developer to provide a written report explaining the rationale for such actions.

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ARTICLE XIX

IND INDUSTRIAL DISTRICT

DRAFT: August 3, 2020

PURPOSE

To provide districts for industrial or scientific research, wholesale and service uses and for the manufacturing, compounding, processing, assembling and/or treatment of finished or semi-finished products from previously prepared materials. It is the intent of this Article that industrial districts be located in areas located adjacent to, and served by, major thoroughfares and/or railroad tracks. The regulations of this district are intended to protect nearby districts from hazards, noise and other radiated disturbances.

SEC. 19.1 PRINCIPAL PERMITTED USES

No building or land shall be used and no building shall be erected except for one or more of the following specified uses, unless otherwise provided in this Ordinance.

1. Wholesale and warehousing businesses, storage buildings, resale shops, commercial laundries, cleaning establishments and frozen food lockers.
2. The manufacture, assembly, compounding, processing, packaging, treatment or testing of products; such as bakery goods, candy, soap (cold mix only), cosmetics, pharmaceutical, toiletries, dairy and food products, hardware and cutlery. The manufacturing, processing and assembling from basic raw materials shall be prohibited.
3. Tool, die, gauge and machine shops.
4. The manufacture, assembly, compounding, processing, packaging, treatment or testing of articles of merchandise from the following previously prepared materials which have been manufactured elsewhere: bone, cellophane, canvas, cloth, cork, feathers, felt, fiber, fur, glass, hair, horn, leather, paper, plastic, precious or semi-precious metals, or stones, sheet metal (excluding large stampings such as automobile body panels), ferrous and non-ferrous metals (excluding large castings and fabrications), shell, textiles, tobacco, wax, wire, yarn, wood (excluding saw and planing mills) and paint (not employing boiling process).
5. Research, testing, laboratory and office uses related to permitted industrial operations.
6. The manufacture of pottery and figurines or other similar ceramic products using only previously pulverized clay and kilns fired only by electricity or gas.
7. Manufacture of musical instruments, toys, novelties and metal or rubber or other small molded rubber products (not including pneumatic tires).

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8. Manufacture or assembly of electrical appliances, electronic instruments and devices, radios and phonographs.
9. Laboratories--experimental, film or testing.
10. Public utility transformer stations, substations and gas regulator stations without service or storage yards shall comply with the requirements of Section 26.12, Areas Requiring Screening and/or Buffering, and shall provide a front yard setback of not less than fifty (50) feet, irrespective of the yard requirements of the district in which it is located, and two (2) side yards and a rear yard setback of not less than twenty-five (25) feet in width each.
11. Research and industrial parks, subject to the following:
 - (a) The research and industrial park shall be platted as an industrial subdivision, or as a condominium or "site condominium" subdivision.
 - (b) The requirements of Article 20, Schedule of Regulations, for IND Industrial Districts shall be modified as follows:

AREA, LOT AND YARD REQUIREMENTS FOR INDUSTRIAL PARKS	
Minimum Lot Area	20,000 sq.ft.
Minimum Lot Frontage	100 ft.
Minimum Front Yard Depth	40 ft.
Minimum Side Yard Width, Each Side	25 ft.
Minimum Side Yard Adjacent to Residential	50 ft.
Minimum Side Yard Adjacent to a Street	40 ft.
Minimum Rear Yard	40 ft.
Minimum Rear Yard Adjacent Residential	50 ft.
Maximum Height	35 ft.
Maximum Percent Lot Coverage	50%

- (c) **Height exceptions.** The height of a building may be increased one (1) foot for each one (1) foot by which its setback is in excess of the required yard setbacks, up to a maximum height of forty-five (45) feet.
- (d) **Landscaping.** All setback areas shall be landscaped with lawns, trees, shrubs and/or other plantings, and may include reflecting pools, retaining walls and other landscape construction harmonious with the overall landscape scheme.
- (e) **Parking and Loading.** Parking and loading areas may be located in side and rear setback areas, but shall be prohibited within the front yard setback. Parking and loading areas shall be screened in compliance with Article 26 of this Ordinance.

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Parking provided in a side yard setback adjacent to a street shall be provided with a ten (10) foot landscaped greenbelt, adjacent to that street. On a corner lot, one of the front yards may be designated a side yard. Parking and loading areas shall be screened in compliance with Article 26 of this Ordinance.

12. Accessory structures and uses customarily incidental to the above permitted uses, excluding outdoor storage.

SEC. 19.2 SPECIAL LAND USES

The following uses shall be considered special land uses in this district and shall be permitted only after review and approval by the Planning Commission in accordance with the procedure and standards as found in Section 2.7 of this Ordinance and further subject to the requirements listed below:

1. Wireless communication facilities as provided for in Section 28.63.
2. Child care centers, subject to the standards of Section 28.64.
3. Indoor and outdoor recreational and sports facilities; recreation centers and sports plazas including but not limited to, bowling alleys; pool and billiard halls; roller skating, hockey and ice skating rinks; squash, sandball, paddleball, racquetball, tennis and basketball courts; indoor golf and skiing; and subject to the following:
 - (a) Accessory recreational and sport equipment sales, rentals and services, restaurants and snack bars, and health clubs and spas, shall be permitted as accessory uses, provided that such accessory uses are necessary, ancillary and an integral part of the principal use.
 Such uses shall abut a major thoroughfare.
 - (c) Outdoor golf, outdoor golf driving ranges and outdoor skiing are prohibited.
 - (d) Outdoor recreational, training and sports facilities shall be screened from adjacent properties and street rights-of-way in accordance with Section 26.11, Methods of Screening.
4. Railroad running and dead tracks, but not including a classification or transfer yard.
5. Commercial television, radio and microwave transmission towers, and public utility television transmitting towers and their attendant facilities, provided that the distance from the base of the tower to all property lines shall be not less than one and one-half (1½) times the tower height.
6. Metal plating, buffing and polishing, subject to appropriate measures to prevent noxious or nuisance conditions.

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7. Outdoor storage of materials, not including salvage yards and storage of automobiles, subject to the following:
 - (a) Outdoor storage of used rags, waste paper or other combustible materials shall be prohibited. Storage of such materials shall be limited to an enclosed masonry building of four (4) hour fire construction located a minimum of one hundred (100) feet from all property lines.
 - (b) Outdoor storage shall be located within an area enclosed within an six (6) to eight (8) foot high obscuring wall or berm set back a minimum of twenty-five (25) feet from the street setback line. The wall or berm may be located on the property line where the side and/or rear yard does not abut a street. In all of the aforementioned cases, the combined use of a wall and a berm shall be permitted. When the area abuts a street, an eight (8) foot wide planting strip shall be provided located on the street side of the wall or berm. The planting strip shall consist of a minimum of one (1) deciduous shade tree for every forty (40) lineal feet of wall or berm and flowering trees and shrubs which will visually break up the area.
 - (c) Stored materials shall not be piled to a height of more than eight (8) feet.
 - (d) A roadway shall be paved, graded and maintained from the street to the rear of the property, to permit free access to fire trucks at all times.
 - (e) Waste materials shall be kept in neatly stored containers screened from public view, and shall be removed and emptied periodically. No wastes shall be piled on open ground.
 - (f) Within the intent of this Section, the Planning Commission may approve alternatives as it deems necessary to accommodate peculiar circumstances or unforeseen problems and to carry out the spirit and intent of this Article.
8. Salvage yards and the storage of new or used automobiles or automobiles as bonded under local county or state law or by order of judgment of any competent court of jurisdiction, subject to the following:
 - (a) The yard area shall be so located in the interior of the district so that No property line of the salvage yard or storage area shall form the exterior boundary of the IND District.
 - (b) The yard area shall be located next to a railroad right-of-way, and siding facilities shall be provided so all salvaged products can be shipped by rail.
 - (c) The yard area shall be completely enclosed with an eight (8) foot masonry wall or obscuring fence, (driveway openings excepted), set back a minimum of twenty-

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five (25) feet from the street setback line. The wall or fence may be located on the property line where the yard does not abut a street. Such areas shall also be planted on the street side of the wall or obscuring fence. The planting strip shall consist of a minimum of one (1) deciduous shade tree for every forty (40) lineal feet of fence or wall and flowering trees and shrubs which will visually break up the area. Plastic and/or other stripping intertwined or otherwise attached to cyclone fencing shall be prohibited.

- (d) The burning of tires, oil wastes or other waste products shall not be permitted in conjunction with any salvage operations.
 - (e) Customer and employee parking, loading and unloading shall be provided within the enclosure wall or obscuring fence. Gates shall be designed in a manner which will obscure objectionable views.
 - (f) Within the intent of this Section, the Planning Commission may approve alternatives as it deems necessary to accommodate peculiar circumstances or unforeseen problems while still achieving the spirit and intent of this subsection of the Ordinance.
9. Storage of trucks, trailer coaches, campers, buses, mobile homes and recreation vehicles, subject to the following:
- (a) All stored vehicles shall be duly licensed pursuant to the applicable statute, and shall not be wrecked, disabled, abandoned, worn out, junked or incapable of movement.
 - (b) Storage of parts, assemblies and other materials shall be prohibited in the area encompassed by this special land use, including those materials specified in subparagraphs 7 and 8 above.
 - (c) The yard area shall be enclosed by a six (6) foot to eight (8) foot high fence with gates to permit usual and normal access to the abutting street.
 - (d) Where the storage area abuts a public street, the enclosure fence shall be set back in compliance with the required yard setback for the district and an eight (8) foot planting strip shall be established on the street side of the fence. The planting strip shall consist of a minimum of one (1) deciduous shade tree for every forty (40) lineal feet of fence and flowering trees and shrubs which will visually break up the area.
10. Large scale institutional uses, including large scale churches subject to the conditions and regulations of Section 28.63, and limited to the following uses and conditions:
- (a) Churches, subject to the following conditions:

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- 1) Buildings may exceed the maximum building height permitted in Article 20, Schedule of Regulations, where permitted by Section 28.23, Height Exceptions.
 - 2) All vehicular access to the site shall be from a paved primary or collector road, as classified in the Township Master Plan. The Planning Commission may permit secondary access from local streets.
 - 3) Continuous screening shall be provided wherever such use is located adjacent to a single-family residential district or use, in accordance with Section 26.11, Methods of Screening.
- (b) Municipal facilities
11. Natural gas or oil processing facilities, including but not limited to "sweetening" plants, subject to all of the conditions and requirements of Section 28.12. Oil or petroleum refineries as defined in this Ordinance are specifically prohibited.
 12. Outdoor training facilities accessory to a principal permitted use. Outdoor activities shall be subject to the standards of the permitted use, particularly for the screening requirements of Article 26.
 13. Outdoor theaters, subject to the following:
 - (a) The lot or parcel shall be located so that at least one (1) property line abuts a paved primary road, as classified in the Township Master Plan. All vehicular access to the facility shall be directed from the paved primary road(s).
 - (b) A minimum of two (2) ticket gates shall be provided. Each ticket gate shall have a separate entrance lane, and sufficient internal vehicle stacking spaces shall be provided for vehicles waiting to enter the theater, to avoid back-up onto any public road right-of-way.
 - (c) No theater screen shall be closer than 500 feet to any residential zoning district. Any theater screen(s) shall be located, designed and constructed so that it will not be visible from any adjacent public road or residential zoning district.
 14. Physical, occupational, speech, or similar outpatient therapy services where such services operate based upon appointments and not on a walk-in basis, provided that the Planning Commission finds that the nature, function, and proposed location of the use ensures that it will not conflict with permitted industrial uses.
 15. Any other research, office, testing, manufacturing, wholesale service or commercial use that, in the determination of the Planning Commission, will:
 - (a) Be consistent with the purpose of this Article, and

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- (b) Not impair the present or potential use of adjacent properties. When considering other uses the Planning Commission shall review the nature, function and proposed location of the use to ensure it will not conflict with permitted industrial uses.

SEC. 19.3 USES SPECIFICALLY PROHIBITED

No building or land shall be used and no building shall be erected for one or more of the following specified uses:

1. Manufacturing development activities which create unusual dangers from fire, explosion, toxic or noxious matter, radiation and other or similar hazards.
2. Any use which causes noxious, offensive, unhealthful or harmful odors, fumes, dust, smoke, light, wastes, noises or vibrations.
3. Machines or operations which cannot comply with Section 28.5, Environmental Performance Requirements.
4. New dwellings or conversion of existing dwellings to additional dwelling units.
5. Schools, hospitals, clinics and other institutions for human care, except where incidental to a permitted principal use or where expressly permitted herein.
6. The use of trailers, as portable dwellings, either singly or in mobile home or trailer parks.
7. Any of the following principal uses, or any principal use which is of like character:
 - (a) Corrosive acid manufacturing, cement, lime, gypsum or plaster manufacturing.
 - (b) Distillation of bone, coal, tar, petroleum refuse, grain or wood.
 - (c) Explosive manufacture or storage.
 - (d) Fertilizer manufacturing, compost or storage.
 - (e) Garbage, offal, dead animals, refuse, rancid fats, incinerator, glue manufacturing, size or gelatin manufacturing where the processes include the refining or recovery of products from animal refuse or offal.
 - (f) Livestock feeding yards.
 - (g) Mobile home or trailer parks.
 - (h) Motels.

Charter Township of Plymouth Zoning Ordinance No. 99
Article 19: IND Industrial District

Page 197

- (i) Petroleum or asphalt refining, mixing or manufacturing.
 - (j) Slaughtering of animals, stock yards.
 - (k) Smelting or refining of metals from ore.
 - (l) Steam and board hammers and forging presses.
 - (m) Storage, curing and tanning of raw, green or salted hides or skins.
 - (n) Sulphurous, sulfuric, nitric picric, carbolic or hydrochloric or other corrosive-acid manufacturing.
8. No building or land shall be used and no building shall be erected for any use which would be in violation of any State or Federal Law. (Added 3/14/10)

SEC. 19.4 DEVELOPMENT REQUIREMENTS

All principal permitted uses and special land uses shall comply with all applicable provisions of the Zoning Ordinance, including, but not limited to the following:

- 1. Site plan and development approval for all uses as specified in Article 29 of this Ordinance.
- 2. Off-street parking for all uses as specified in Article 24 of this Ordinance.
- 3. Off-street loading and unloading for all uses as specified in Article 24 of this Ordinance.
- 4. Landscaping, screening and land use buffers for all uses as specified in Article 26 of this Ordinance.
- 5. Signs for all uses as specified in Article 25 of this Ordinance, except that pole signs shall not be permitted, and except that the Planning Commission may consider alternative materials for the base and/or sign, provided the sign:
 - (a) Is in keeping with the architecture and character of the principal building and/or established company logo;
 - (b) Does not constitute a traffic hazard; and
 - (c) Is constructed with durable and weather resistant materials.

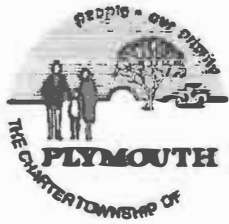
~~Freestanding signs shall be of a monument or ground type with a base constructed predominately of masonry as approved by the Planning Commission.~~
- 6. Special Provisions, as specified in Article 28 of this Ordinance.

7. Height, area, lot coverage and yard regulations as specified in Article 20 of this Ordinance.
8. The following specific requirements shall apply within an IND Industrial District:
 - (a) Each use shall be conducted wholly within a completely enclosed building, unless otherwise permitted by this Article.
 - (b) Machines Permitted. All machines are permitted when installed and operated so as not to allow a noise, odor, fumes, dust, smoke, glare or radioactive material exceeding the limits set by Section 28.5, Environmental Performance Standards. In no case shall such impacts be detectable from districts in which residence occupancy is permitted within the Charter Township of Plymouth.
 - (c) Environmental Performance Requirements. Compliance with Section 28.5, Environmental Performance Requirements, is required for all uses.
 - (d) The use of flammable gas, enameling and paint spraying operations when incidental to the principal operation. Such operations shall be completely contained within a masonry building of four (4) hour fire construction.
 - (e) Source of Power. Power for any manufacturing or heating process or activity shall be derived only from electrical energy, smokeless fuels, such as gas or oil, smokeless solid fuels containing less than twenty (20) percent of the volatile content on a dry basis, or bituminous coal fired by mechanical equipment.
 - (f) Yard Grading and Drainage as specified in Section 28.15 of this Ordinance:
 - (g) All buildings shall be readily accessible by fire and emergency vehicles, and shall comply with the Township Fire Prevention Ordinance.
 - (h) Sidewalks shall be provided as specified in Section 28.16 of this Ordinance.
 - (i) Exterior lighting shall comply with the standards as specified in Section 28.8, Exterior Lighting.
 - (j) The method of trash removal shall be presented to the Planning Commission for approval. Dumpsters and similar waste receptacles are proposed, they shall be screened in a manner acceptable to the Planning Commission subject to the requirements of Section 28.9, Waste Receptacles.
 - (k) Building Design Standards.
 - 1) All exterior building facades shall be of the same finish material as the front facade of the main building, and all materials used shall be recognized as finished materials (standard concrete or cinder block shall not be permitted). The exterior finish and scale of the buildings shall be harmonious with the surrounding area and natural environment.

- 2) Elevators, stairways, tanks, heating and air conditioning equipment, vents, ducts, pipes and other similar apparatus shall be screened from view from off-site by a penthouse or structure equal in height to the height of the equipment being screened. The outside finish materials shall be the same as or complimentary to the building facade finish materials to which it is attached. Buildings shall further comply with Section 28.14, Building Design Standards. The Planning Commission may modify this requirement at site plan review.
- (l) Fencing. All fencing and/or screening walls required and approved by the Planning Commission as part of site plan approval shall be permitted. In an IND Industrial District fencing shall be considered a structure enclosing a piece of land or separating contiguous land either in whole or part, serving the purpose of preventing intrusion onto or across a lot of record or any parcel or tract of unplatted land from without or straying from within. The following shall govern the height, location and placement of protective or security fencing:
- 1) Permit Required: In the IND Industrial District it shall be unlawful for any person to build, repair or relocate a protective or security fence without first having secured a Zoning Compliance and/or Building permit from the Department of Building and Code Enforcement.
 - 2) Maximum Height: The maximum height of a protective or security fence shall be six (6) feet.
 - 3) Material: Fences shall not be constructed of old or used material unless such material shall be reasonable sound in the judgment of the Department of Building and Code Enforcement. Fences shall not be made of, or contain barbed wire, electric current or charges of electricity or sharp or pointed projections of any kind; provided if such fence is constructed of pickets, the pickets shall be made of not less than one (1) inch by three (3) inch material and shall be an angle at the top of not less than ninety (90) degrees. The fence shall comply with the requirements of applicable requirements of the State Construction Code enforced by the Township. Plastic or other type of strips intertwined in cyclones fencing shall be prohibited.
 - 4) Placement: No fence shall be built closer to the street than the front setback line applicable to the premises pursuant to the Article 20 Schedule of Regulations, provided no fence shall be built closer to the street than the established front building line along said street or in front of the building closest to the street on the fenced premises.
 - 5) The Planning Commission may, at its discretion, permit alternative fence placements, heights or materials in keeping with the spirit and intent of

this Ordinance and deemed necessary to provide adequate protection for the abutting properties.

- (m) Sites developed with frontage on a road right-of-way shared in common with an industrial park within 800 feet or on the same block developed under Section 19.1.11 may provide front setbacks as allowed by Section 19.1.11(b).



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 8, 2020

ITEM: First Reading of Amendment to Ordinance xxxxxxxxxxxxxx, xxxxxxxxxxxxxx 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.

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. City of Livonia v. Goretski Constr Co, 229 Mich App 279, 581 NW2d 761 (1998).

PROPOSED MOTION: I move that the Board adopt Resolution 2020-09-08-86 to approve the first reading of the amendment to Ordinance xxxxxxxxxxxxxx, xxxxxxxxxxxxxx, regarding penalties for violation of Township Demolition Regulations under the State Building Code.

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 FIRST READING OF ORDINANCE

RESOLUTION NUMBER 2020-09-08-86

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 8, 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 first reading of Ordinance No. _____.

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

Moved by:

Supported by:

Roll Call Vote

Ayes:

Nays:

Adopted: Regular Meeting of the Board of Trustees on __________
Jerry Vorva, Clerk, Charter Township of PlymouthCertification

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: 2020-09-08-86**

**STATE OF MICHIGAN
COUNTY OF WAYNE
CHARTER TOWNSHIP OF PLYMOUTH**

STATE CONSTRUCTION CODE SUPPLEMENTATION ORDINANCE

ORDINANCE NO. _____

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. _____, 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 one-family or two-family dwellings, 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 all other property types, 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).

Each day that a violation is committed or permitted to exist or continue shall constitute a separate offense.

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.

CERTIFICATION

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

Jerry Vorva, Clerk

Introduced: _____
Published: _____
Adopted: _____
Effective upon Publication: _____



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 8, 2020

ITEM: Police Department Purchase of Body Worn Camera Systems. Resolution #2020-09-08-87

PRESENTER: Lt. Daniel Kudra

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 Federal Forfeiture Funds (capital outlay account 265-300-970-000). 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 Federal Forfeiture capital outlay account.

RECOMMENDATION:

Approve

PROPOSED MOTION: I move 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 body worn camera 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.

Moved By _____ Seconded By _____

ROLL CALL:

___ Vorva, ___ Dempsey, ___ Heitman, ___ Clinton, ___ Heise, ___ Curmi, ___ Doroshewitz

**STATE OF MICHIGAN
COUNTY OF WAYNE
CHARTER TOWNSHIP OF PLYMOUTH**

**RESOLUTION TO AUTHORIZE THE PURCHASE OF BODY WORN
CAMERA SYSTEMS**

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 Federal 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 **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 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.

Moved by: _____ Seconded by: _____

ROLL CALL:

___Vorva, ___Clinton, ___Curmi, ___Dempsey, ___Doroshewitz, ___Heise, ___Heitman



Plymouth Township Police Department

2020 Budget Request

New Capital Item

Department: Police Department		Capital Item: Safe Fleet Mobile-Vision BWX-100 Body Worn Camera Systems	
Quantity: 30	Useful Life: 4-5 years	Cost: \$35,245.00	
Check One: Equipment X		Project	
<u>Description and Function of new capital item</u>			
<p>The BWX-100 is a body worn digital video recorder that can be used to capture high definition video with audio. After recording, video data will be uploaded to our in-house server by placing the device in a docking station with a connection to our server. The quote included with this request includes the cameras, docking stations, power supplies, mounting hardware, USB charging cords, associated software, three years of warranty coverage and on-site training and installation services.</p>			
<u>Explain new or improved service that will result from new item</u>			
<p>These body worn cameras will integrate with our current L3 in-car video systems. Either one will trigger the other when recording begins. The footage captured by these body cameras will provide critical evidence for criminal prosecutions, as well as internal and external investigations of police conduct. Footage captured by the body worn cameras can also offer community members a detailed, firsthand account of what happened should our agency become involved in a high profile encounter.</p>			
<u>Why is this new item needed? Why does the Township need to provide this service?</u>			
<p>Body worn cameras have proven to be invaluable to the American law enforcement community. They boost data and record collection and strengthen community-law enforcement relationships. A prominent study on body-cameras conducted by the Rialto, California Police Department found a 90% decrease in citizen complaints against officers who wore body cameras.</p>			
<u>How will any current services be affected or changed if approved? What will happen if this item is Not approved?</u>			
<p>There are several potential benefits to the use of body worn cameras:</p> <p><u>Better transparency.</u> First, body worn cameras may result in better transparency and accountability. Many groups have an inherent lack of trust and confidence in law enforcement. This lack of confidence is exacerbated by questions about encounters between police officers and community members that can sometimes involve the use of deadly or less-lethal force. Video footage captured during these officer-community interactions might provide better documentation to help confirm the nature of events and support accounts articulated by officers and/or community residents.</p> <p><u>Increased civility.</u> Body worn cameras may also result in higher rates of citizen compliance to officer commands during encounters, and fewer complaints lodged against law enforcement. Citizens often change their behavior toward officers when they are informed that the encounter is being recorded. This "civilizing effect" may help to prevent certain situations from escalating to levels requiring the use of force and also improve interactions between officers and citizens.</p>			

Quicker resolution. Body worn cameras may lead to the faster resolution of citizen complaints and lawsuits that allege excessive use of force and other forms of officer misconduct. Investigations of cases that involve inconsistent accounts of the encounter from officers and citizens are often found to be “not sustained” and are subsequently closed when there is no video footage or independent or corroborating witnesses. This, in turn, can decrease the public’s trust and confidence in law enforcement and increase perceptions that claims of misconduct brought against officers will not be properly addressed. Video captured by body worn cameras may help corroborate the facts of the encounter and result in a quick and appropriate resolution.

Corroborating evidence. Footage captured may also be used as evidence in arrests or prosecutions. Proponents of body worn cameras have suggested that video captured by these cameras may help document the occurrence and nature of various types of crime, reduce the overall amount of time required for officers to complete paperwork for case files, corroborate evidence presented by prosecutors, and lead to higher numbers of guilty pleas in court proceedings.

Training opportunities. The use of body worn cameras also offers potential opportunities to advance policing through training. Law enforcement trainers and executives can assess officer activities and behavior captured by body-worn cameras (either through self-initiated investigations or those that result from calls for service) to advance professionalism among officers and new recruits. Finally, video footage can provide law enforcement executives with opportunities to implement new strategies and assess the extent to which officers carry out their duties in a manner that is consistent with departmental policy and values.

If not approved, the Police Department will continue to carry out our duties without body worn camera systems. This might make it more difficult for the Township to defend the actions of its police officers, which could leave the Township open to additional liability.

Additionally, the money spent on capital improvements that we have already made (in preparation for this upgrade) will have been spent in vain. In 2017, the Township spent approximately \$15,000.00 to upgrade the antennas that receive the digital media from the patrol vehicles and purchased a seventeen terabyte server to store our digital media files. In 2018, the Township spent over \$48,000.00 to upgrade all of our in-car video systems to the L3 Mobile-vision Flashback HD systems that work with these specific body worn cameras. The purchase of the body worn cameras themselves represents the final piece of the puzzle.

How do you anticipate providing this service?

We will purchase the equipment, then have representatives from the company come out to the police station and set up the docking stations. They will also ensure that the body worn cameras interface properly with our server and software. They will also conduct on-site training for members of the Police Department. The on-site set up and training is included in the purchase price.

What will be the operating budget impact? (personnel, supplies, other charges)

This capital expenditure is to be purchased with Federal Forfeiture funds. The quote that is included with this Capitol Item Request include a two year extended service contract. This contract provides two years of extended warranty coverage on these systems, which is in addition to the 12 month warranty that is provided by the manufacturer.

Additionally, it should be noted that after we complete this project I intend to apply for a Risk Avoidance Program grant. This grant is offered by the Michigan Municipal Risk Management Authority, and provides reimbursement for up to 50% of the cost of each unit. If approved, the Township could be reimbursed up to \$11,250.00 by MMRMA.



COBAN Technologies, Inc.
SF Mobile-Vision, Inc.
11375 W. Sam Houston Pkwy S., Suite 800
Houston, Texas 77031-2348
United States

Ship To
Daniel Kudra
Plymouth Township Police Department
9955 Haggerty Road
Plymouth, Michigan 48170
United States
7343543241
7344534104
dkudra@plymouthtwpd.org

Quote:

Q-14158-1

Budgetary

Date:

8/4/2020, 10:01 AM

Expires On:

10/3/2020

Phone: (281) 925-0488

Fax: (281) 925-0535

Email: SFLE-Sales@safefleet.net

Bill To

Plymouth Township Police Department
9955 Haggerty Road
Plymouth, Michigan 48170
United States

SALESPERSON	EXT	EMAIL	DELIVERY METHOD	PAYMENT METHOD
Richard Alley	x	richarda@cobantech.com		Net 30

Body-Worn Camera

BW-100 Body-Worn Camera Orders Currently Have an 8-12 Week Lead-Time

LINE NO.	PART #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED
QL-0071828	BWCS3AG2	BW-100 complete camera system. Includes camera, docking station, power supply, alligator clip, magnetic clip, USB charging cable, and 1 year warranty on ALL Camera system components including Batteries.	USD 750.00	30	USD 22,500.00
Body-Worn Camera TOTAL:					USD 22,500.00

Software

LINE NO.	PART #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED
QL-0071829	LSSWRPRO-DVR	Software, digital Evidence PRO per DVR Digital Evidence Software Includes: Base Module, Intelligent Downloading Module, Archiver Module, Case Module, Consumer DVD Module	USD 0.00	30	USD 0.00
Software TOTAL:					USD 0.00

Extended Warranty

LINE NO.	PART #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED
QL-0071848	WY-BWCP3AG2-2YR	BW-100 Camera System 2 year Extended Warranty on ALL Camera system components including Batteries. Includes Advanced Replacement of unit or parts. Includes No-Cost Shipping, replacement parts will arrive with shipping labels. - MUST BE SOLD AT TIME OF PURCHASE	USD 349.00	30	USD 10,470.00
Extended Warranty TOTAL:					USD 10,470.00

Professional Services

LINE NO.	PART #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED
QL-0071830	MVD-TRAN-OPS	On site professional services	USD 2,125.00	1	USD 2,125.00
Professional Services TOTAL:					USD 2,125.00

SHIPPING

LINE NO.	PART #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED
QL-0071844	LFEE-054	SHIPPING - Body Worn Camera / Office, Vehicle, or Partner Dock for BWC / Misc. equipment	USD 150.00	1	USD 150.00
SHIPPING TOTAL:					USD 150.00

TOTAL: USD 35,245.00

Terms & Conditions

Applicable sales taxes are not reflected on this proposal and will be included in the invoice. Any purchases that are exempt from sales taxes must be accompanied by a tax exemption and/or re-sellers' certificate.

This quote is presented to the customer under the condition that it remains a valid quote for only 60 days after the stated Quote Date, after which the quote becomes null and void.

Note: Per Lt. Kudra, No Need for a Switch.

BWX-100 Body-Worn Camera Orders Currently Have an 8-12 Week Lead-Time

This quote is for estimation purposes and is not a guarantee of cost for services. Quote is based on current information from client about the project requirements. Actual cost may change once project elements are finalized or negotiated. Client will be notified of any changes in cost prior to them being incurred.

Please email or fax a signed copy of this quotation and other referenced documents to PMO@cobantech.com or (281) 925-0535 and mail two sets of originals to:

COBAN Technologies, Inc.
11375 W. Sam Houston Pkwy S., Suite 800
Houston, Texas 77031-2348

IN WITNESS WHEREOF, the Parties have caused this Agreement to Purchase to be executed and delivered by their respective authorized representatives whose signatures appear below.

COBAN Technologies, Inc.

Plymouth Township Police Department

Signature: _____

Signature: _____

Printed Name: _____

Printed Name: _____

Title: _____

Title: _____

Dated: _____

Dated: _____

BWX-100™

BODY-WORN CAMERA

CONNECT A BODY OF EVIDENCE

Your point of view matters — and, with Mobile-Vision's BWX-100™ body-worn camera, you've always got that unbiased eye documenting critical moments from your perspective. With in-car integration, lights, sirens, and accelerated speeds can activate the body-worn camera to record.



FEATURES & BENEFITS

Bidirectional Activation

Lights, sirens, and vehicle speeds can all activate the body-worn camera to record once integrated with your Mobile-Vision in-car video system.

Built-in Wi-Fi & Bluetooth

Fully integrated Wi-Fi and Bluetooth capabilities allow live video review and bidirectional activation, helping officer efficiency in the field.

Full Shift Recording

Capture a complete shift without stopping or spending time setting up your system. The Mobile-Vision body-worn camera records up to 12 hours in HD with a single charge.



Mobile App Access

Review and tag video content from the field with a few quick clicks—and without the hassle of video data transfer or the risk of deleting critical evidence.



BWX-100™

Clear LCD Text Display

Make quick decisions thanks to clear-cut icons and legible text—no more deciphering LCD lights or learning extensive color coding.

VIDEO

Video Resolution	1080p FHD, 720p HD, 480p SD
Battery Life	12 Hours*
Lens Field of View	129° Horizontal, 140° Diagonal
Recording Speed	30 FPS
Recording Audio	Yes
Audio Mute Option	Yes
Date and Time Stamp	Yes
Pre-Event Record	Yes
Video Format	MPEG-4 AVC/H.264
Record Indicators	Yes

VIDEO DATA

In-Field Review	Yes
Video Transfer	Yes
Transfer Complete Indicator	Yes
Officer Event Markers	Yes
Still Images Max Resolution	1920 x 1080
Multiple Device Simultaneous Upload	Yes
Memory	64 GB
Video Safeguards	Yes

POWER AND BATTERY

Type	Lithium-Ion Polymer
Charging Options	USB or PoE
Charge-Level Indicators	Yes

EQUIPMENT

Main Body Dimensions	3.27"H x 2.46"W x 1.03"L
Weight	6.6 oz.
IP Rating	IP 67

*The BWX-100 has a total of 4 recording modes – 1080p FHD, 720p HD, 720p HD cropped, and 480p SD. The BWX-100 records for 12hrs at 720p HD cropped and 480p modes.

BIDIRECTIONAL ACTIVATION IN MULTIPLE WAYS



In-Car to BWX-100

The in-car system activates the BWX-100.†



BWX-100 to In-Car

The BWX-100 activates the in-car video system.†



BWX-100 to BWX-100

The BWX-100 activates another BWX-100.

†Requires a TB-100 Bluetooth Transmitter. The TB-100 Bluetooth Transmitter is a device that can be added to new and existing Flashback systems (including Flashback2s, Flashback3s, and FlashbackHDs) to enable bidirectional Bluetooth transmission between Flashback system(s) and BWX-100 body-worn camera(s). This enables your recording devices to remotely initiate recordings on other devices that are within transmission range.





CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE:

ITEM: Police Department Purchase Laptops, Docking Stations and Screen Stiffeners.
Resolution #2020-09-08-88

PRESENTER: Lt. Daniel Kudra

BACKGROUND:

The Police Department is seeking board approval to purchase eight (8) Dell Latitude 5424 Rugged laptop computers, eight (8) Havis Laptop Screen Stiffeners and eight (8) Havis Laptop Docking Stations. We planned to purchase these items with General Fund dollars (from the capital equipment account 101-305-978-000). The cost for these camera systems will be \$23,121.44. Pricing for these items is via Oakland County bid.

ACTION REQUESTED:

Approve the enclosed resolution authorizing the purchase of eight (8) Dell Latitude 5424 Rugged laptop computers, eight (8) Havis Laptop Screen Stiffeners and eight (8) Havis Laptop Docking Stations for a cost of \$23,121.44 to be paid from the General Fund.

RECOMMENDATION:

Approve

PROPOSED MOTION: I move 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.

Moved By _____ Seconded By _____

ROLL CALL:

____ Vorva, ____ Dempsey, ____ Heitman, ____ Clinton, ____ Heise, ____ Curmi, ____ Doroshewitz

**STATE OF MICHIGAN
COUNTY OF WAYNE
CHARTER TOWNSHIP OF PLYMOUTH**

**RESOLUTION TO AUTHORIZE THE PURCHASE OF LAPTOPS, DOCKING
STATIONS, AND SCREEN STIFFENERS FOR POLICE VEHICLES**

RESOLUTION #2020-09-08-88

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 eight (8) Dell Latitude 5424 Rugged laptop computers, eight (8) Havis Laptop Screen Stiffeners and eight (8) Havis Laptop Docking Stations, and,

WHEREAS, the purchase will be paid for with General Fund. The cost for these camera systems will be \$23,121.44, and,

WHEREAS, pricing for these items is via Oakland County bid;

NOW, THEREFORE, BE IT RESOLVED that Charter Township of Plymouth Board of Trustees does 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 for a cost of \$23,121.44 to be paid from the General Fund.

Moved by: _____ Seconded by: _____

ROLL CALL:

___Vorva, ___Clinton, ___Curmi, ___Dempsey, ___Doroshewitz, ___Heise, ___Heitman



Plymouth Township Police Department

2020 Budget Request

New Capital Item

Department: Police Department		Capital Item: Dell Latitude 5424 Rugged Laptops, Havis Laptop Screen Stiffeners and Havis Laptop Docking Stations	
Quantity: 8 each	Useful Life: 5-6 years		Cost: \$23,121.44
Check One: Equipment X		Project	
<u>Description and Function of new capital item</u> <p>The Dell Latitude 5424 Rugged laptop is specifically engineered for use on tough jobsites and in hazardous environments. The laptop features an automotive-grade magnesium alloy chassis for high-impact protection. It also features a 14 inch capacitive touch screen that is designed to be easily viewable outdoors or in bright sunlight. The touch screen can be used with gloved fingers, bare hands or with a passive pen (stylus), which is ideal for use in a patrol setting.</p> <p>The other two items being requested (Havis Screen Stiffeners and Havis Docking Stations) are needed to mount the laptops in our patrol cars and hardwire them into the cars electrical system for power.</p>			
<u>Explain new or improved service that will result from new item</u> <p>These new laptops and associated mounting hardware will replace eight (8) older models that are currently being used in our fleet of patrol cars. The laptops that we are looking to replace are Dell Latitude E6430 models that were manufactured in 2014.</p>			
<u>Why is this new item needed? Why does the Township need to provide this service?</u> <p>The Dell Latitude E6430 laptops are no longer in production, and ours are out of warranty. We have already had two (2) of these older units fail within the last 18 months. We shipped these units directly to Dell for repair, but due to their age and obsolescence the parts to fix them were no longer available. As a result, the units had to be replaced.</p> <p>These two units were replaced with Dell Latitude 5424 Rugged laptops (the model of laptop that we are requesting here). This is the specific model that Oakland County Clemis has selected for its agencies to utilize for mobile computing. The rest of our patrol cars (8 out of 10) are currently equipped with the older Dell Latitude E6430 Rugged Laptops.</p> <p>These devices are used for mobile data computing purposes. Officers use these computers to run searches in the Law Enforcement Information Network (LEIN), receive Computer Aided Dispatch (CAD) runs and for running various other Clemis applications. Having a modern and reliable computer in their patrol car is essential for an officer to perform his or her job.</p> <p>The new Screen Stiffeners and Docking Stations are needed because the new laptops will not work with our old mounting equipment. These items are specific to each model of laptop.</p>			

How will any current services be affected or changed if approved? What will happen if this item is Not approved?

If this purchase is approved, we will be able to upgrade the rest of our patrol cars to the current Mobile Data Computing set-up. This is the hardware that has been recommended by Oakland County Clemis. Additionally, these new laptops will be covered by a five year Pro-support Plus agreement. This is essentially a five year warranty that covers these laptops should we experience any hardware or software issues. This warranty covers the cost of parts and labor.

If not approved, our fleet of patrol cars will carry on utilizing their existing Mobile Data Computer set-up. The current computers are out of warranty, and their operation will become increasingly unreliable. This could make it more difficult for our officers to effectively perform their duties.

How do you anticipate providing this service?

We will purchase this equipment and have it delivered to the Police Department. We will then have the vehicle operations center at Oakland County Clemis set-up and install the new computers in our fleet of patrol vehicles.

What will be the operating budget impact? (personnel, supplies, other charges)

Oakland County will charge us for the set-up and installation of these new laptops. Their current labor rate is \$65.11 per hour, as specified in our intergovernmental vehicle services agreement. I spoke to one of their technicians on 08-17-2020 and was advised that this process could take up to four (4) hours per vehicle. This could add up to a total of \$2083.52 in set-up and installation costs, which would be paid out of our vehicle maintenance budget.

It should be noted that we originally budgeted \$18,000.00 for this purchase, but these items came in a little more expensive than we originally thought (\$5121.44 more than budgeted). It should also be noted that these items are priced via the Oakland County Clemis Bid.

Dell Computer - Saved Quote Information -3000066917523

Automated_Email@Dell.com <Automated_Email@Dell.com>

on behalf of

Dell_Automated_Email@Dell.com <Dell_Automated_Email@Dell.com>

Thu 8/13/2020 6:14 PM

To: Daniel Kudra <dkudra@plymouthtwppd.org>

Cc: Megan_Bolen@Dell.com <Megan_Bolen@Dell.com>

You have saved an eQuote 3000066917523

An eQuote is now saved in your Dell Online Store.

This will be held for 30 days and will expire on 09/12/2020

Your eQuote has been sent to:

Emailed to: dkudra@plymouthtwppd.org

megan_bolen@dell.com

To retrieve this eQuote

Login to [Premier](#)

Sign in to Oakland County- CLEMIS

Click on "Quotes" in the top menu bar and search for eQuote number 3000066917523

eQuote Name	Plymouth Township
Saved By	megan_bolen@dell.com
eQuote Description	
Authorized Buyer	
Notes/Comments	
Account Name	Oakland County- CLEMIS
Contract Code	C000000181093

eQuote Summary

Description	Quantity	Unit Price	Subtotal
Dell Latitude 5424 Rugged	8	\$2,284.00	\$18,272.00

DEVMT,DOCKST,DELL,400,OPT,SCRSPT,	8	\$49.74	\$397.92
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Havis DS-DELL-412 - Docking station - VGA, HDMI - 10Mb LAN - 90-watt	8	\$556.44	\$4,451.52
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eQuote Subtotal	\$23,121.44
Shipping*	\$0.00
Shipping Discount*	\$0.00

eQuote Total*	\$23,121.44
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*The eQuote total, including applicable taxes and additional fees, may be viewable online.

Note: Your order may contain one or more items which are billed on a recurring basis. See Important Notes for details on your specific offering and, for customers with auto-renewing subscriptions, how to turn off automatic renewal.

eQuote Details

Description	Quantity	Price
rcrc1296685-5475593 Dell Latitude 5424 Rugged	8	\$46,635.44

Premier Discount	\$28,363.44
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(Unit Price after discount: \$2,284.00 ea.)	\$18,272.00
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Module	Description	Product Code	Sku	ID
Dell Latitude 5424	Dell Latitude 5424 Rugged, CTO	GZR1A9L	[210-AQPY]	1
Processor	8th Gen Intel® Core™ i7-8650U Processor (Quad Core, 8M Cache, 1.9GHz,15W, vPro)	GV5K86Q	[379-BDHD]	146

Operating System	Windows 10 Pro 64bit English, French, Spanish	GF48XA1	[619-AHKN]	11
Windows AutoPilot	No Windows AutoPilot	GYEO2AP	[340-CKSZ]	291
Base and Graphics	Intel® Core™ i7-8650U Processor Base with AMD Radeon™ RX540 Graphics 128 Bit	GOMSU3E	[338-BPVF]	149
Systems Management	No Out-of-Band Systems Management - vPro Disabled	GRQX26P	[631-ABWH]	49
Memory	8GB, 2x4GB, 2666MHz DDR4 Non-ECC	GLO092T	[370-AEVI]	3
Optical Software	PowerDVD Software not included	GI5LS2C	[632-BBBJ]	597
Hard Drive	M.2 256GB PCIe NVMe Class 40 Solid State Drive	G9W57ME	[400-BBTW]	8
Secondary Hard Drive	No Additional Hard Drive	GNTOSJ7	[401-AADF]	637
LCD	14" FHD WVA (1920 x 1080) Anti-Glare Embedded Touch, Outdoor-Readable Screen	GI2JHQ8	[391-BDVP]	760
Keyboard	Sealed Internal RGB Backlit English Keyboard	G5G53BX	[580-ABYR] [389-DOPO]	4
Driver	Intel® Dual Band Wireless AC 8265 (802.11ac) 2x2 (No BT) Driver	GN3RQ1K	[555-BEPC]	7
Security Options	No Security Options	G98LKW2	[346-BEVG]	55
Wireless	Intel® Dual Band Wireless AC 8265 (802.11ac) 2x2 (No BLTH)	GOODFBV	[555-BDGD] [575-BBYW]	19
Mobile Broadband	Qualcomm® Snapdragon™ X20 LTE (DW5821e) ATT	GILKQV7	[556-BBZI] [575-BBYX]	114
Primary Battery	3 Cell 51Whr ExpressCharge Capable Battery	GFDTJ5M	[451-BCHG]	112
Power Supply	90W Rugged AC Adapter, 7.4mm Elbow Barrel	GXQ6M2N	[492-BCNQ]	1015
Cable	E5 US Power Cord	GVGQ43T	[537-BBBD]	20
Setup and Features Guide 5424	Setup and Features Guide	G6R13K7	[340-CHMZ]	60
Accessories	Factory Installed Rigid handle for the tied sku	GX931ZA	[540-BCIH]	473
Canada Ship Options	US No Canada Ship Charge	USNONE	[332-1286]	111
Second Battery	2nd 3 Cell 51Whr ExpressCharge Capable Battery	GI6XSLK	[451-BCHH]	113
Diagnostic CD / Diskette	No Resource Media	G5KFAU6	[430-XXYG]	50
Documentation/Disks	Safety/Environment and Regulatory Guide (English/Spanish)	GEPGU1O	[340-AGIN]	21
ENERGY STAR	Not ENERGY STAR Qualified	GH9T8PU	[387-BBCE]	122
Label	Regulatory Label Included	GO637JX	[389-BEYY]	676
Packaging	Shuttle SHIP Material	GYJ4L1B	[328-BCXL] [340-CKTD]	465

Processor Branding	Intel® Core™ i7 Processor Label	GV6F3KR	[389-BLST]	749
TAA	No TAA	NOTAA	[340-ACQQ]	97
Transportation from ODM to region	Standard Shipment	GF6RVZ0	[800-BBGF]	200080
Support Tech Sheet and Powercord	No UPC Label	GJTP346	[389-BDCE]	292
Serial Port	No Additional IO Ports	GUX5DZL	[590-TEYX]	698
Third Hard Drive	No Additional Hard Drive	GNT05J7	[401-AADF]	54
Hard Drive Cables and Brackets	Single Primary HD & ODD Brackets, 5424	G9IREMW	[590-TEYM]	705
CD ROM/DVD ROM	8X DVD+/-RW 9.5mm Optical Drive	GYMWT1A	[429-ABHV]	16
GPS Solutions (Tied)	Dedicated u-blox NEO-MQN GPS Card	GH6VULD	[540-BCIG]	1409
Camera	No Camera or Microphone	G75WE1D	[319-BBGG]	379
Network Card	No PCMCIA Card or ExpressCard Reader	GZFQX2J	[590-TEZB]	13
			[808-6796]	
			[808-6797]	
			[808-6827]	
Hardware Support Services	5 Years ProSupport Plus with Next Business Day Onsite Service	PPN5	[808-6845]	29
			[975-3461]	
			[997-8367]	
			[808-6805]	
			[808-6826]	
Microsoft Office	No Productivity Software	GEKH8UQ	[630-AAPK]	1002
Protect your new PC	No Security Software	G85SQRI	[650-AAAM]	1014
			[640-BBRP]	
Non-Microsoft Application Software	Dell Applications for Windows 10	G5FK0CU	[658-BCUV]	1003
			[340-AJPV]	
Operating System Recovery Options	OS-Windows Media Not Included	GLA90Q1	[620-AALW]	200013

DEVMT,DOCKST,DELL,400,OPT,SCRSPRT,
Sku [rcrc1296685-4131559]

8

\$479.92

Premier Discount

\$82.00

(Unit Price after discount: \$49.74 ea.)

 \$397.92

Havis DS-DELL-412 - Docking station - VGA, HDMI - 10Mb LAN - 90-watt Sku [rcrc1296685-5345070]	8	\$5,703.92
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Premier Discount		\$1,252.40
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(Unit Price after discount: \$556.44 ea.)		\$4,451.52
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eQuote Subtotal	\$23,121.44
Shipping*	\$0.00
Shipping Discount*	\$0.00

eQuote Total*	\$23,121.44
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*The eQuote total, including applicable taxes and additional fees, may be viewable online.

Let's connect.

Legal Disclaimer: Please note that Dell cannot be responsible for pricing or other errors and reserves the right to cancel any orders arising from such errors. The amount of tax and shipping added to your order depends on where you have asked for the product to be shipped as well as on which products and/or services you've chosen to purchase. Your order is subject to Dell's Terms and Conditions of Sale which include a binding arbitration provision.

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BUILT TO WITHSTAND THE WORLD'S HARSHTEST ENVIRONMENTS

Dell Latitude Rugged PCs



ULTIMATE FIELD PRODUCTIVITY

Get best-in-class durability, reliability, and field productivity, with the Dell Latitude Rugged PCs

Learn More at DellTechnologies.com/Rugged

Why choose Dell Latitude Rugged PCs



RUGGED FOR THE REAL WORLD

You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.



PRODUCTIVITY ANYWHERE

You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.



BUSINESS-CLASS CONTROL

The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.

FEATURED ON THE DELL LATITUDE RUGGED FAMILY

- USB Type-C connectivity on the latest line of rugged notebooks and tablet
- Outdoor-readable screens with anti-reflective treatment and glove-touch capability
- Sealed, customizable RGB backlit keyboards on all notebooks and available for the tablet
- Webcams with physical privacy shutters
- Powerful and efficient Intel® processors
- Intel 802.11ac Wi-Fi on rugged notebooks and Intel 802.11ax Wi-Fi option on rugged tablet
- Optional mobile broadband and dedicated GPS
- Common docking across Latitude Rugged notebooks and specialized docking for the tablet; all with a durable pogo-pin interface
- Independently-certified to MIL-STD-810G/H tests and IEC ingress protection standards
- Confident security with Dell Data Protection | Encryption and TPM | ControlVault™ Advanced Authentication

Meet the Dell Latitude Rugged Family

RUGGED TABLETS AND NOTEBOOKS FOR THE ULTIMATE FIELD PRODUCTIVITY

LATITUDE 7220 RUGGED EXTREME TABLET



Work faster, anywhere, with the lightest and most powerful* 12" fully-rugged tablet. Featuring a 1000-nit direct-sunlight viewable screen that is gloved multi-touch capable, the Latitude 7220 Rugged Extreme Tablet can handle any condition it's put in. All day productivity is easy with optional dual hot-swappable batteries. The Latitude 7220 Rugged Extreme Tablet is FirstNet Ready™ with Band 14.

LATITUDE 7220EX RUGGED EXTREME TABLET



Stay focused, even in potentially explosive environments, with the intrinsically safe, ATEX, IECEx certified 12" fully rugged tablet. With a 1000-nit direct-sunlight viewable screen - the brightest** in its class, and gloved multi-touch capability, the Latitude 7220EX Rugged Extreme Tablet can withstand any environment. All day productivity is easy with optional dual hot-swappable batteries***. The Latitude 7220EX Rugged Extreme Tablet is FirstNet Ready™ with Band 14.

LATITUDE 5420 RUGGED NOTEBOOK



Get durability, performance, and productivity, wherever work takes you, with the thinner and lighter Latitude 5420 Rugged Notebook. With powerful 8th Generation Intel Core Processors and up to 2TB of fast, reliable, and high performance solid state storage, this 14" rugged notebook can tackle the most demanding tasks. Features USB Type-C connectivity. The Latitude 5420 Rugged Notebook is FirstNet Ready™ with Band 14.

LATITUDE 5424 RUGGED NOTEBOOK



Get durability, performance, and versatility, with the Latitude 5424 Rugged Notebook. With options to include a DVD RW or Blu-ray drive, multiple storage bays and PCMCIA or ExpressCard slots, this 14" rugged notebook featuring 8th Generation Intel Core Processors and up to 4TB of solid state storage keeps up with what you need, even in harsh environments. Features USB Type-C connectivity. The Latitude 5424 Rugged Notebook is FirstNet Ready™ with Band 14.

LATITUDE 7424 RUGGED EXTREME NOTEBOOK



The Latitude 7424 Rugged Extreme thrives in the worst conditions you face on the job. An expansive 14" Direct-View outdoor-readable FHD display with gloved-capable touch, discrete workstation graphics, 8th Generation Intel Core Processors and up to 4TB of solid state storage, help you do your job, even in the most extreme environments. Features USB Type-C connectivity. The Latitude 7424 Rugged Extreme is Notebook FirstNet Ready™ with Band 14.

FirstNet and FirstNet Ready are registered trademarks and service marks of the First Responder Network Authority, an independent authority within the U.S. Department of Commerce. The FirstNet core is designed primarily for use in the United States.

*** WARNING: The battery must only be charged outside of any potentially explosive environment with appropriate Dell power adapters.

*** WARNING: The I/O and battery bay covers must be closed with both screws tightened before the system is exposed to a potentially explosive environment.

*** WARNING: Do not remove the battery or access the I/O ports while the system is exposed to a potentially explosive environment.

*** WARNING: Do not connect external devices to any of the system ports while the system is exposed to a potentially explosive environment.

Dell Latitude Rugged PCs - Recommended accessories*

SMART SOLUTIONS THAT HELP YOU STAY PRODUCTIVE WHEREVER YOU WORK.

AT THE DESK



RUGGED TABLET DOCK

Maximize productivity with an IP-65 rated dock for rugged environments. Featuring dual-display support with VGA, Serial and Display Port outputs, and dual spare battery charging slots.



RUGGED DESK DOCK

Better video connectivity with dual Display Port outputs. Secure your notebook with dual cable lock slots. Compatible with Latitude 14/12 Rugged Extreme and Latitude 14 Rugged notebooks.



U2719D MONITOR

Enhance your productivity even further with Dell's 27-inch ultrathin monitor.

IN-THE-VEHICLE



RUGGED TABLET VEHICLE DOCKS

Mount your rugged tablet in your vehicle with docks from Havis, PMT, and Gamber Johnson, for on-the-go productivity.



AUTO AIR DC ADAPTER

Power up and stay productive on the road, in-flight or in your office with the Dell™ Power Adapter. It is an all-in-one, DC device that will both power your Dell notebook as well as charge its battery.



RUGGED NOTEBOOK VEHICLE DOCKS

Mount your rugged notebook in your vehicle with docks from Havis, PMT, and Gamber Johnson, for on-the-go productivity.

IN THE FIELD



RUGGED TABLET & NOTEBOOK CARRYING ACCESSORIES

Take your rugged tablet and notebook anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



SCANNER MODULE

Read 1D or 2D barcodes and magnetic stripe cards with the Scanner Module that attaches securely to the back of your rugged tablet.



EXTENDED I/O MODULE

Add two USB 3.0 ports and an Ethernet port with the Extended I/O Module that attaches securely to the back of your rugged tablet.

* The nylon handle is the only accessory certified for use in potentially explosive environments, with the Latitude 7220EX Rugged Extreme Tablet

Experience a new way to work with Dell Technologies Unified Workspace

Intelligence built in. Modernization built on.

We know that having the right device is just the start to a great workday. Employees need intelligent, intuitive and responsive experiences that allow them to work productively and without interruption. According to research, 1 out of every 4 users would question their job and the company they work for if they had a negative experience with their technology.¹

Dell Technologies Unified Workspace is transforming the employee experience and ensuring IT has proactive, predictive and automated solutions to deliver on the promise of a modern workday, while simplifying their ability to deploy, secure, manage and support their environment.



DEPLOY

ProDeploy in the Unified Workspace allows IT to move away from traditional, high-touch, manual deployment, and instead, ship devices preconfigured with company apps and settings from the Dell factory directly to their end users—having end users up and working on day one.



SECURE

Dell Trusted Devices provide a foundation to a modern workforce environment with invisible and seamless protection to ensure smarter, faster experiences. End users stay productive and IT stays confident with modern security solutions for the Dell Trusted Device.



MANAGE

Dell Client Command Suite + VMware Workspace ONE offers integrated capabilities that deliver a unified endpoint management experience for IT, enabling them to manage firmware, OS, and apps from one console, while also creating seamless experiences for end users.



SUPPORT

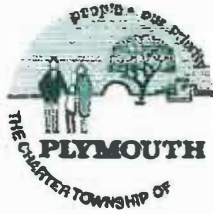
ProSupport resolves hardware issues up to 11x faster than the competition. ProSupport for PCs offers 24x7 access to in-region ProSupport engineers who contact IT when critical issues arise,² so you can focus on what's next, not what just happened.

ProSupport Plus helps IT stay a step ahead and virtually eliminate unplanned downtime due to hardware issues. You get all the capabilities of ProSupport, as well as AI-driven alerts to prevent failures and repairs for accidents.³

¹ ESG Research Report. 2019 Digital Work Survey. December 2019.

² Based on a Principled Technologies test report, "Spend Less Time and Effort Troubleshooting Laptop Hardware Failures" dated April 2018. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: <http://facts.pt/L52XKM>

³ Based on a Principled Technologies test report, "Dell ProSupport Plus with SupportAssist warns you about hardware issues so you can fix them before they cause downtime" dated April 2019. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: <http://facts.pt/0xvze8>
Hardware issues detected by SupportAssist include hard drives, solid state drives, batteries and fans.



CHARTER TOWNSHIP OF PLYMOUTH

REQUEST FOR BOARD CONSIDERATION

MEETING DATE: September 8, 2020

ITEM: SAD Fund – Cash Advance from Water & Sewer Fund

PRESENTER: Mark Clinton, Treasurer

BACKGROUND:

In 2013, the Charter Township of Plymouth Board of Trustees approved an initial cash advance from the Water & Sewer Fund to the Special Assessment District (SAD) Fund to help finance ongoing road rehabilitation projects. This cash advance was approved at a 4% per annum internal rate of interest on the unpaid balance. The current outstanding balance of this advance is \$1,647,000.

During the past year, two additional SADs were approved and road rehabilitation contracts were awarded for both Litchfield Drive and General Drive. These projects will require short-term payments to the contractors and engineering firms in excess of \$2,000,000.

Invoices will be sent to the property owners of Litchfield and General Drives upon completion of the projects. Some will opt to pay in full while others will opt to finance the amount due over 10 years. In addition, Wayne County will reimburse the township \$389,000 for the Litchfield Drive project upon proof of completion.

The requirement to provide progress payments to the contractors has created a deficit in the cash balance of the SAD Fund.

RECOMMENDATION:

- 1) Advance funds with interest from the Water & 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.
- 2) Adjust the rate of interest on the original 2013 cash advance from 4% to 2%, retroactive to January 1, 2020, to better reflect current interest rates.

RESOLUTION:

I move to approve Resolution 2020-09-08-89 which will provide for the advance of funds from the Water & 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.

**STATE OF MICHIGAN
COUNTY OF WAYNE
CHARTER TOWNSHIP OF PLYMOUTH**

RESOLUTION # 2020-09-08-89

**RESOLUTION FOR ADVANCING FUNDS FROM THE WATER & SEWER FUND TO
THE SPECIAL ASSESSMENT DISTRICT (SAD) FUND**

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 8, 2020, the following resolution was offered:

WHEREAS, in 2013 the Board approved an initial cash advance from the Water & Sewer Fund to the Special Assessment District (SAD) Fund; and

WHEREAS, this cash advance was initially approved at a 4% per annum internal rate of interest on the unpaid balance; and

WHEREAS, the current outstanding balance of this advance is \$1,647,000; and

WHEREAS, during the past year, 2 new SADs were approved by the Board and road rehabilitation projects were awarded for Litchfield Drive and General Drive; and

WHEREAS, the requirement to provide progress payments to the contractors and engineering firms will create a deficit in the cash balance of the SAD Fund;

NOW, THEREFORE BE IT RESOLVED:

- (1) The Board approves advancing funds with interest from the Water & Sewer Fund to the Special Assessment District (SAD) Fund in an amount not to exceed \$2,500,000 for the purpose of completing the General Drive and Litchfield Drive road rehabilitation projects.
- (2) Interest on the unpaid balance will be set at 2% per annum on the unpaid balance.
- (3) Interest on the unpaid balance of the original 2013 cash advance will be adjusted from 4% to 2% on the unpaid balance, retroactive to January 1, 2020.

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

Moved by:

Supported by:

Roll Call Vote

Ayes:

Nays:

Adopted: Regular Meeting of the Board of Trustees on September 8, 2020.

Jerry Vorva, Clerk, Charter Township of Plymouth

Certification

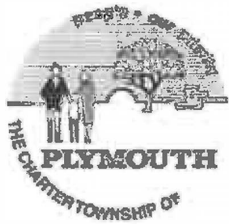
STATE OF MICHIGAN)
)
COUNTY OF WAYNE)

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: 2020-09-08-89



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 8, 2020

ITEM: Discussion on Draft 2021-22 Township Budgets

PRESENTERS: Supervisor Heise, Finance Director Moriarty

BACKGROUND: State Law requires that the Supervisor present a draft General Fund budget to the Board of Trustees on or before September 1 of each year. The attached draft was provided to the Board members on August 28. For tonight's meeting Director Moriarty and I will briefly outline the 2021-22 two-year draft budget. I would also request that the Board formally receive and file these documents at tonight's meeting.

Here are the key points regarding the draft budget:

- Balanced, \$17.4 million budget; \$257,800 less than 2020 amended budget
- Revenues of \$17.7 million, including grants
- \$323,100 added to the fund balance
- \$250,000 invested into the OPEB Trust Fund
- \$2.5 million restricted for future pension/OPEB liabilities
- NO defunding or 'reimagining' of Police, Fire or Dispatch services

Here is a tentative agenda for budget review and approval in the weeks ahead; each will occur at a regular meeting:

Sep. 22	Budget deliberations - Public Safety
Oct. 13	Budget deliberations - General Government
Oct. 27	Budget deliberations - Water/Sewer, DPW & State-Mandated Public Hearing
Nov. 10	Final approval

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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 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
ESTIMATED REVENUES							
101-171-637.226	Int Gov Svcs - Solid Waste Fund					26,300	26,600
101-171-637.248	Int Gov Svcs - DDA					26,300	26,600
101-262-680.000	ELECTIONS REIMB - CANDIDATE FILING	300					
101-262-680.040	ELECTIONS REIMB - STATE OF MICH			40,000	40,000		
101-290-402.000	SMART MUNICIPAL CREDIT PRO	24,600	28,200		27,100	27,000	27,000
101-290-403.000	PROPERTY TAXES	1,408,000	1,446,300		3,808,700	1,538,200	1,576,700
101-290-441.000	LOCAL COMMUNITY STABILIZATION SHAF	296,600	354,500	342,300	350,000	330,000	320,000
101-290-441.100	METRO ACT	20,800	21,200	23,300	20,000	20,000	20,000
101-290-447.000	PROPERTY TAX ADMINISTRATION FEE	608,000	643,500	677,900	650,000	700,000	725,000
101-290-459.000	MISCELLANEOUS LICENSE	5,400	4,000	5,000	5,000	5,000	5,000
101-290-460.080	MISC GRANT REVENUE	2,500			5,000		
101-290-475.000	TRAILER PARK FEES	4,700	4,400	4,300	4,300	4,500	4,600
101-290-477.000	PARK FEES	56,500	55,300	55,000	55,000	56,100	57,200
101-290-574.000	State Revenue Sharing	2,431,600	2,529,000	2,111,100	2,111,100	2,404,600	2,452,700
101-290-637.226	Int Gov Svcs - Solid Waste Fund					2,800	3,200
101-290-637.592	Int Gov Svcs - W&S Fund					811,500	817,100
101-290-653.000	SENIOR ACTIVITY FEES		1,400				
101-290-664.000	INTEREST INCOME	81,200	110,300		90,000	100,000	105,000
101-290-668.000	INTERGOVERNMENTAL SERVICE	740,100	764,900	766,900	766,900		
101-290-668.010	INTER-GOVT FIRE SERVICES	1,100,000					
101-290-669.000	CONTRACTUAL CATV	562,400	550,800	505,600	534,700	515,000	500,000
101-290-669.001	CATV-PEG Funds	153,200	148,300	139,800	145,600	138,000	134,000
101-290-675.001	DONATIONS-PRIVATE SOURCES			4,500			
101-290-676.000	Reimbursements Revenue	228,200	212,000	232,100	150,000	200,000	215,000
101-290-697.000	SALE OF FIXED ASSETS	1,500	606,100	15,000	90,000		

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH
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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
ESTIMATED REVENUES							
101-290-697.500	REIMBURSEMENT 5 MILE LEGAL FEES		131,000				
101-290-698.000	MISCELLANEOUS INCOME	411,500	10,000			10,000	10,000
101-290-698.100	PASSPORT FEE	8,700	11,700	1,500	10,000	10,000	11,000
101-290-698.200	RECORDING FEES			300			
101-305-403.000	PROPERTY TAXES	3,204,500	4,550,200		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
101-325-543.000	State Grant - Public Safety		200,000				
101-325-668.020	INTER-GOVT DISPATCH	342,000	465,400	342,000	342,000	342,000	348,000
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
101-336-403.000	PROPERTY TAXES	2,295,900	3,224,900		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	75,000	75,000
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

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH
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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
ESTIMATED REVENUES							
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
101-336-698.030	FIRE TRANSPORTS - TWSP	117,100	152,100	150,000	200,000	150,000	200,000
101-371-461.000	BUILDING PERMITS	849,600	1,140,800	789,600	1,100,000	1,125,000	1,150,000
101-371-462.000	ELECTRICAL PERMITS	100,700	122,500	86,800	100,000	122,500	130,000
101-371-463.000	PLUMBING PERMITS	43,600	48,400	40,000	50,000	50,000	52,000
101-371-464.000	HEATING PERMITS	105,900	127,100	100,000	100,000	117,500	146,000
101-371-465.000	REFRIGERATION PERMITS	11,900	13,000	10,600	10,000	11,000	12,000
101-371-608.000	PLANNING COMM-CONSULTANT	8,900					
101-371-608.500	PLANNING ZONING FEE REVENUE	118,700	85,500	63,400	120,000	85,000	95,000
101-371-609.500	ENGINEERING FEES REVENUE-PLANNING	2,800					
101-371-611.100	PYMT IN LIEU-TREES	3,100	22,200	20,000	20,000	20,000	20,000
101-371-611.200	PYMT IN LIEU-SIDEWALKS		57,300	20,000	10,000	20,000	20,000
101-371-622.000	VACANT PROPERTY ORDINANCE REVENUE	200	200				
101-371-626.010	WEED CUTTING	3,100	2,900	1,500	1,500	2,000	2,500
101-371-676.500	Reimbursement Revenue - Planning			800			
101-371-698.000	MISCELLANEOUS INCOME		18,500				
101-691-460.050	WAYNE COUNTY PARKS DISTRIBUTION	116,300		118,900		65,000	65,000
101-691-460.060	FORESTRY GRANT		2,500				
101-691-676.000	Reimbursements Revenue			7,400			
101-691-698.000	MISCELLANEOUS INCOME		8,000				
101-851-530.000	BLOCK GRANT	69,700	152,600	28,300	20,000	20,000	20,000
TOTAL ESTIMATED REVENUES		16,143,900	19,636,500	7,134,300	17,362,900	17,727,800	18,181,300

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH
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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-101-704.000	SALARY-BOARD	45,000	47,800	47,000	47,000	47,000	47,000
101-101-715.000	SOCIAL SECURITY	3,400	3,700	3,600	3,600	3,600	3,600
101-101-720.000	WORKERS COMP/INSURANCE	100	100	100	100	200	200
101-101-813.000	PUBLISHING & PRINTING			500	500	500	500
101-101-850.000	Communications/Phones/Radio/Cell					300	300
101-101-861.000	EXPENSE ALLOWANCE	200	200	200	200		
101-101-880.000	Community Promotion					5,200	5,200
101-101-885.000	COMMUNITY SERVICE	2,400	2,400	3,200	3,200		
101-101-915.000	Memberships/Dues					2,400	2,400
101-101-978.000	CAPITAL EQUIPMENT PURCHASE			36,700	36,700		
101-171-703.000	ELECTED OFFICIALS	115,700	115,700	115,300	115,300	115,300	115,300
101-171-705.000	SUPERVISORY	97,700	11,900	28,100	21,100		
101-171-707.000	CLERICAL	60,600	62,100	63,400	61,800	65,000	66,300
101-171-708.000	PART TIME					29,200	30,400
101-171-714.000	FRINGE BENEFITS	9,200	11,200	9,500	9,000	10,500	11,800
101-171-714.010	DC 401a RETIREMENT	37,900	26,200	26,200	26,000	26,500	26,700
101-171-715.000	SOCIAL SECURITY	20,800	14,400	15,100	15,200	16,100	16,200
101-171-720.000	WORKERS COMP/INSURANCE	500	500	700	700	800	800
101-171-727.000	Office Supplies	3,100	3,900	3,900	4,700	1,500	1,500
101-171-730.000	Mail/Postage					100	100
101-171-791.000	Subscriptions & Publications					1,000	1,000
101-171-801.000	Professional & Contractual Service					91,400	92,500
101-171-818.000	CONTRACTUAL SERVICES	400	4,100		4,000		
101-171-818.200	CONTRATUAL SERVICE-HR	49,500	80,700	86,900	86,900		
101-171-850.000	Communications/Phones/Radio/Cell					1,000	1,000

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH
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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-171-853.000	TELEPHONE	2,300	3,700	3,300	3,300		
101-171-901.000	PRINTING & PUBLISHING					500	500
101-171-921.000	UTILITIES	11,300	10,200	10,700	12,500	11,100	11,700
101-171-928.000	Office Equipment Service/Repairs					1,300	1,300
101-171-940.000	Rentals/Leased Equipment					600	1,200
101-171-960.000	EDUCATION/TRAINING		300		300		
101-171-978.000	CAPITAL EQUIPMENT PURCHASE	5,200	200				
101-171-978.500	EQUIPMENT LEASE PAYMENTS		200	600	300		
101-201-705.000	SUPERVISORY	99,700	102,600	102,100	100,100	104,200	106,200
101-201-707.000	CLERICAL	27,200	29,400	31,300	31,300		
101-201-708.000	PART TIME					32,200	32,900
101-201-714.000	FRINGE BENEFITS	17,700	18,200	18,600	15,500	19,200	21,000
101-201-714.010	DC 401a RETIREMENT	14,900	14,900	15,300	15,000	15,700	15,900
101-201-715.000	SOCIAL SECURITY	9,000	9,700	10,200	11,300	10,500	10,700
101-201-720.000	WORKERS COMP/INSURANCE	400	300	300	300	400	400
101-201-727.000	Office Supplies	900	800	2,000	5,800	2,000	2,000
101-201-799.000	Non-Capital Equipment					4,700	
101-201-801.000	Professional & Contractual Service					2,200	2,200
101-201-818.000	CONTRACTUAL SERVICES			200			
101-201-850.000	Communications/Phones/Radio/Cell					1,500	1,500
101-201-851.000	EQUIPMENT MNT/REPAIRS	1,000	11,800	100	1,000	100	100
101-201-853.000	TELEPHONE	2,300	3,100	3,300	3,700		
101-201-861.100	Mileage Reimbursement- Transportat					400	400
101-201-915.000	Memberships/Dues					100	100
101-201-921.000	UTILITIES	6,100	5,500	5,400	6,700	5,600	6,300

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH
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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-201-928.000	Office Equipment Service/Repairs					200	200
101-201-940.000	Rentals/Leased Equipment					1,500	1,500
101-201-960.000	EDUCATION/TRAINING	600	600		500	900	500
101-201-978.000	CAPITAL EQUIPMENT PURCHASE	1,100	55,800	18,100	18,100		
101-201-978.500	EQUIPMENT LEASE PAYMENTS		400	2,400	2,400		
101-209-727.000	Office Supplies	1,700	2,100	2,000	3,000	2,000	2,000
101-209-730.000	Mail/Postage	5,700	6,200	6,000	6,000	6,000	6,400
101-209-801.000	Professional & Contractual Service					329,100	337,300
101-209-818.000	CONTRACTUAL SERVICES	277,400	294,600	325,900	325,900		
101-209-826.000	Legal - Professional Services	17,200	24,500	15,000	15,000	15,000	15,000
101-209-850.000	Communications/Phones/Radio/Cell					800	800
101-209-853.000	TELEPHONE	900	1,400	1,700	1,700		
101-209-921.000	UTILITIES	3,200	2,900	3,100	3,600	3,300	3,500
101-209-928.000	Office Equipment Service/Repairs					100	100
101-209-940.000	Rentals/Leased Equipment					1,300	1,300
101-209-941.000	COMPUTER SERVICES	1,300		1,300	1,300		
101-209-942.592	Int Gov Svcs - W&S Fund					7,300	
101-209-948.000	Computer Services					10,400	10,400
101-209-978.500	EQUIPMENT LEASE PAYMENTS		1,000	1,300	1,000		
101-215-703.000	ELECTED OFFICIALS	178,800	177,900	178,100	178,100	178,100	178,100
101-215-707.000	CLERICAL	228,500	235,500	287,700	287,700	166,200	169,800
101-215-708.000	PART TIME	26,200	8,100	17,500	17,500	136,600	139,600
101-215-709.000	OVERTIME	3,100	2,000	1,000		2,000	2,000
101-215-714.000	FRINGE BENEFITS	15,800	16,700	18,600	16,800	25,800	26,900
101-215-714.010	DC 401a RETIREMENT	47,200	45,900	50,500	50,500	50,500	51,000

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-215-714.500	FRINGE BENEFITS - RETIREES	(1,100)					
101-215-715.000	SOCIAL SECURITY	34,000	32,200	37,000	37,000	36,500	37,000
101-215-720.000	WORKERS COMP/INSURANCE	900	900	800	900	1,300	1,300
101-215-727.000	Office Supplies	16,400	25,200	18,400	16,000	13,400	23,000
101-215-730.000	Mail/Postage					200	200
101-215-799.000	Non-Capital Equipment					2,800	
101-215-801.000	Professional & Contractual Service					3,300	3,300
101-215-813.000	PUBLISHING & PRINTING	600	6,000	2,000	2,000	5,500	5,500
101-215-818.000	CONTRACTUAL SERVICES	2,900	40,900		2,500		3,300
101-215-850.000	Communications/Phones/Radio/Cell					2,200	2,200
101-215-851.000	EQUIPMENT MNT/REPAIRS	3,000	1,300		2,200		
101-215-853.000	TELEPHONE	1,200	1,800	1,900	1,900		
101-215-861.000	EXPENSE ALLOWANCE	500					
101-215-861.100	Mileage Reimbursement- Transportat					200	200
101-215-921.000	UTILITIES	9,800	8,900	9,300	10,600	9,700	10,200
101-215-928.000	Office Equipment Service/Repairs					1,000	1,000
101-215-940.000	Rentals/Leased Equipment					8,800	8,800
101-215-941.000	COMPUTER SERVICES			400	400		
101-215-958.000	MEMBERSHIP/DUES			500	500	700	700
101-215-960.000	EDUCATION/TRAINING	1,900	200	2,500	2,500	6,700	5,100
101-215-978.000	CAPITAL EQUIPMENT PURCHASE	6,100	2,900		6,100		
101-215-978.001	Non-Capital Equipt Purchases < \$5,	700	5,200				
101-215-978.500	EQUIPMENT LEASE PAYMENTS	900	1,600	8,300	8,300		
101-220-704.000	SALARY-BOARD	700	2,000	1,000	1,000	1,600	1,600
101-220-715.000	SOCIAL SECURITY	100	200	100	100	200	200

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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-220-813.000	PUBLISHING & PRINTING	400		700	1,000	700	700
101-220-818.000	CONTRACTUAL SERVICES		3,200				
101-247-704.000	SALARY-BOARD	2,500	1,700	2,500	2,500	2,500	2,500
101-247-715.000	SOCIAL SECURITY	200	100	200	200	200	200
101-247-963.000	MISCELLANEOUS EXPENSE	100	200	200	200	200	200
101-253-703.000	ELECTED OFFICIALS	170,000	170,000	174,300	174,200	174,200	174,200
101-253-708.000	PART TIME	53,400	54,900	58,100	58,100	60,600	61,100
101-253-714.000	FRINGE BENEFITS	17,800	21,600	17,800	17,800	19,900	21,700
101-253-714.010	DC 401a RETIREMENT	24,900	25,000	25,600	25,500	25,600	25,600
101-253-714.500	FRINGE BENEFITS - RETIREES		4,800				
101-253-715.000	SOCIAL SECURITY	17,100	17,700	17,500	17,800	18,000	18,000
101-253-720.000	WORKERS COMP/INSURANCE	500	400	500	500	800	800
101-253-727.000	Office Supplies	4,100	2,400	2,000	3,000	1,600	1,600
101-253-730.000	Mail/Postage	11,300	10,900	11,500	10,600	13,600	13,600
101-253-814.000	Bank Fees				2,000		
101-253-817.000	FINANCIAL CONSULTANT		2,500		2,500		
101-253-818.000	CONTRACTUAL SERVICES	8,200	7,200	7,800	7,800		
101-253-831.000	Printing & Publishing	6,600	6,800	7,200	7,000	7,400	7,600
101-253-850.000	Communications/Phones/Radio/Cell					1,400	1,400
101-253-853.000	TELEPHONE	2,800	3,800	5,100	5,100		
101-253-861.100	Mileage Reimbursement- Transportat					100	100
101-253-921.000	UTILITIES	4,100	3,700	3,900	5,100	4,000	4,300
101-253-928.000	Office Equipment Service/Repairs					800	900
101-253-940.000	Rentals/Leased Equipment					2,200	2,200
101-253-948.000	Computer Services			8,200		8,400	8,600

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-253-978.000	CAPITAL EQUIPMENT PURCHASE	2,500					
101-253-978.001	Non-Capital Equipt Purchases < \$5,	400					
101-253-978.500	EQUIPMENT LEASE PAYMENTS	500	900	2,200	1,400		
101-262-707.000	CLERICAL		34,300	38,800	41,000	39,800	40,800
101-262-708.000	PART TIME	55,300	8,800	18,100	7,500	7,600	7,800
101-262-709.000	OVERTIME	100	100	12,800			
101-262-710.000	SALARY ELECTION WORKERS	44,300	100	133,500	162,300		
101-262-714.000	FRINGE BENEFITS		2,800	12,800	4,600	14,300	15,500
101-262-714.010	DC 401a RETIREMENT		4,000	5,900	6,100	6,000	6,200
101-262-715.000	SOCIAL SECURITY	800	3,300	7,800	7,800	3,700	3,700
101-262-727.000	Office Supplies	17,500	2,500	17,000	33,100	3,000	3,000
101-262-730.000	Mail/Postage	3,100	1,400	6,000	6,000	1,500	1,500
101-262-801.000	Professional & Contractual Service					500	500
101-262-813.000	PUBLISHING & PRINTING	900	100	1,500	3,000	100	100
101-262-818.000	CONTRACTUAL SERVICES	12,200	200	18,000	15,000		
101-262-850.000	Communications/Phones/Radio/Cell					400	400
101-262-851.000	EQUIPMENT MNT/REPAIRS		500				
101-262-853.000	TELEPHONE	200		100			
101-262-861.100	Mileage Reimbursement- Transportat					200	200
101-262-928.000	Office Equipment Service/Repairs					200	200
101-262-940.000	Rentals/Leased Equipment					2,000	2,000
101-262-948.000	Computer Services			18,000			
101-262-960.000	EDUCATION/TRAINING	1,600	200	4,000	4,000	1,200	1,200
101-262-978.000	CAPITAL EQUIPMENT PURCHASE	15,200	35,800	29,100	29,100		
101-265-706.000	NON-SUPERVISORY	52,700	42,800	43,500	43,400	44,500	45,700

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APPROPRIATIONS							
101-265-709.000	OVERTIME		7,800	5,000	8,300	5,000	5,000
101-265-714.000	FRINGE BENEFITS	16,200	13,200	13,600	13,600	17,000	19,900
101-265-714.010	DC 401a RETIREMENT	6,200	6,200	6,500	6,500	6,700	6,900
101-265-715.000	SOCIAL SECURITY	3,700	3,600	3,400	4,000	3,800	3,900
101-265-720.000	WORKERS COMP/INSURANCE	1,400	1,400	1,300	1,600	400	400
101-265-757.000	Operational Supplies					4,000	4,000
101-265-757.637	Operational Supplies - Senior Serv					1,400	1,400
101-265-775.000	Janitorial/Custodial Supplies					6,000	6,000
101-265-775.637	Janitorial Supplies - Senior Servi					1,400	1,400
101-265-776.000	MAINT- BLDG & GROUNDS	67,400	65,400	65,000	70,000		
101-265-801.000	Professional & Contractual Service					4,300	4,300
101-265-801.673	Professional/Contractual Svc- Seni					800	800
101-265-815.000	SENIOR CENTER-CONTRACTUAL SERVICE	200	300		300		
101-265-818.000	CONTRACTUAL SERVICES			100			
101-265-850.000	Communications/Phones/Radio/Cell					800	800
101-265-850.673	Communications/Phones - Senior Svc					200	200
101-265-852.637	Internet Services - Senior Service					2,300	2,300
101-265-853.000	TELEPHONE	2,700	2,100	2,200	2,200		
101-265-854.000	UTILITIES-SENIOR CENTER	7,000	7,300	7,000	5,900		
101-265-858.000	MAINTENANCE-SENIOR CENTER	9,100	8,600	4,000	7,500		
101-265-860.673	Transporation - Senior Services					28,600	28,600
101-265-921.000	UTILITIES	3,200	2,600	3,200	3,200		
101-265-921.673	Utilities - Senior Services					6,900	6,900
101-265-930.000	Land & Building Repairs					21,500	21,500
101-265-930.637	Land & Building Repairs- Senior Se					1,200	1,200

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APPROPRIATIONS							
101-265-940.637	Rentals/Leased Equipment -Senior					300	300
101-265-942.000	INTERGOVERNMENTAL SERVICE	8,100	8,600	8,200	8,200		
101-265-942.588	Int Gov Svcs - Senior Transportati					34,900	35,300
101-265-952.000	Lawn care/Landscaping Services					14,300	15,000
101-265-952.637	Lawn care/Landscaping- Senior Servi					3,700	3,700
101-265-954.000	Custodial/Cleaning Services					26,000	26,000
101-265-954.637	Custodial/Cleaning- Senior Service					2,100	1,400
101-265-956.000	Pest Control Services					800	800
101-265-956.637	Pest Control - Senior Services					200	200
101-265-957.000	Trash Collection Services					2,100	2,100
101-265-957.637	Trash Collection - Senior Services					300	300
101-265-970.673	Capital Outlay - Senior Services					22,000	
101-265-978.000	CAPITAL EQUIPMENT PURCHASE	4,100	8,400				
101-290-708.000	PART TIME	1,700	2,300	1,700	2,700	2,700	2,800
101-290-714.000	FRINGE BENEFITS	900	700				
101-290-714.020	DB Pension - Fire		1,200,000	1,000,000	1,000,000	250,000	250,000
101-290-714.500	FRINGE BENEFITS - RETIREES	72,000	68,000	65,500	65,500	74,800	75,000
101-290-715.000	SOCIAL SECURITY	100	200	200	200	200	200
101-290-722.000	UNEMPLOYMENT INSURANCE			5,000		5,000	5,000
101-290-730.000	Mail/Postage	18,600	18,600	19,000	19,000	27,200	27,200
101-290-801.000	Professional & Contractual Service					41,300	43,000
101-290-814.000	Bank Fees	4,600	4,400	4,300	4,300	4,600	4,600
101-290-818.000	CONTRACTUAL SERVICES	96,000	61,600	85,000	85,000		
101-290-825.000	LEGAL-PROSECUTIONS	74,000	55,500	75,000	75,000	75,000	75,000
101-290-826.000	Legal - Professional Services	53,700	41,600	55,000	55,000	55,000	55,000

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APPROPRIATIONS							
101-290-827.000	LEGAL-PLANNING	17,100	34,000	34,000	34,000	34,000	34,000
101-290-828.000	Legal - Labor Relations	13,700	40,600	11,600	10,000	25,000	25,000
101-290-829.000	Legal - Settlements		27,100				
101-290-850.000	Communications/Phones/Radio/Cell					200	200
101-290-851.000	EQUIPMENT MNT/REPAIRS	5,800					
101-290-852.000	Internet Services - Communication					5,400	5,500
101-290-901.000	PRINTING & PUBLISHING				10,500	10,500	10,500
101-290-914.000	TOWNSHIP HALL	200					
101-290-915.000	Memberships/Dues					16,300	16,300
101-290-928.000	Office Equipment Service/Repairs					1,300	1,300
101-290-941.000	COMPUTER SERVICES	103,000	117,100	225,400	225,400		
101-290-942.592	Int Gov Svcs - W&S Fund					97,300	90,000
101-290-946.000	Engineering Services					31,000	32,000
101-290-948.000	Computer Services					214,100	214,100
101-290-958.000	MEMBERSHIP/DUES	16,300	16,100	16,100	16,100		
101-290-963.000	MISCELLANEOUS EXPENSE	200		2,000	2,000		
101-290-964.000	Refunds and Rebates			200		500	500
101-290-964.000-2020101M9501	Refunds and Rebates			20,000			
101-290-970.000	Capital Outlay					95,000	48,000
101-290-978.000	CAPITAL EQUIPMENT PURCHASE		1,500				
101-290-978.500	EQUIPMENT LEASE PAYMENTS				300		
101-290-980.000	OPERATING TRANSFER OUT	(108,000)	50,000			75,000	75,000
101-290-995.000	DEBT SERVICE	593,000	802,600	686,200	686,200	640,400	685,100
101-290-995.500	DEBT SERVICE-INTEREST	163,000	151,500	134,500	134,500	112,100	93,600
101-305-703.000	ELECTED OFFICIALS	258,400	294,900	361,800	361,800	365,400	374,800

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
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	CLERICAL	73,600	51,700	52,300	52,300	95,600	100,400
101-305-708.000	PART TIME	25,200	23,000	30,800	47,900		
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
101-305-714.000	FRINGE BENEFITS	269,800	271,300	274,400	274,400	295,600	298,300
101-305-714.010	DC 401a RETIREMENT	21,200	19,500	26,200	26,200	115,700	128,400
101-305-714.030	DB Pension Plan - Police	443,200	551,100	670,900	670,900	642,200	706,600
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
101-305-757.000	Operational Supplies					5,300	6,600
101-305-758.000	UNIFORMS	22,100	22,500	15,000	15,000		
101-305-759.000	Gasoline/Fuel			30,000		45,800	46,000
101-305-767.000	Clothing/Uniforms					26,000	26,000
101-305-775.000	Janitorial/Custodial Supplies					2,700	2,700
101-305-776.000	MAINT- BLDG & GROUNDS	31,500	27,600	25,000	25,000		
101-305-778.000	Ammunition Supplies			16,300	16,000	1,000	7,000
101-305-779.000	Firearms/Guns/Tasers			15,100	9,000	1,900	1,900
101-305-799.000	Non-Capital Equipment					16,500	11,400
101-305-801.000	Professional & Contractual Service					25,400	27,800
101-305-818.000	CONTRACTUAL SERVICES	65,000	29,400	48,200	48,200		

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APPROPRIATIONS							
101-305-819.000	DOG POUND FEES	900	600	1,000	1,000	1,200	1,200
101-305-832.000	CORRECTIONS CHARGES	2,200	2,700	6,000	6,000		
101-305-843.000	Physicals Exams - Medical Provider					2,800	2,800
101-305-850.000	Communications/Phones/Radio/Cell					10,300	10,300
101-305-851.000	EQUIPMENT MNT/REPAIRS	11,000	15,900	11,000	11,000		
101-305-853.000	TELEPHONE	10,400	11,700	15,500	15,500		
101-305-863.000	AUTO EXPENSE	96,800	111,400	90,000	110,000	54,200	54,200
101-305-885.000	COMMUNITY SERVICE	600			5,000		
101-305-915.000	Memberships/Dues					2,200	2,200
101-305-921.000	UTILITIES	32,600	29,500		35,700	31,900	31,900
101-305-928.000	Office Equipment Service/Repairs					11,000	11,000
101-305-930.000	Land & Building Repairs					5,000	5,000
101-305-940.000	Rentals/Leased Equipment					4,000	4,000
101-305-948.000	Computer Services					22,800	22,800
101-305-954.000	Custodial/Cleaning Services					17,100	17,500
101-305-956.000	Pest Control Services					800	800
101-305-958.000	MEMBERSHIP/DUES	900	3,700	2,000	5,000		
101-305-960.000	EDUCATION/TRAINING	26,900	27,300	20,000	30,000	30,000	30,000
101-305-962.000	Canine Services	1,200					
101-305-963.000	MISCELLANEOUS EXPENSE	1,400	500		2,000		
101-305-970.000	Capital Outlay				11,000	278,000	213,000
101-305-978.000	CAPITAL EQUIPMENT PURCHASE	40,200	15,900	30,400	30,400		
101-305-978.001	Non-Capital Equipt Purchases < \$5,		200	5,300			
101-305-978.500	EQUIPMENT LEASE PAYMENTS		3,900	4,000	5,800		
101-315-851.000	EQUIPMENT MNT/REPAIRS					10,000	5,000

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APPROPRIATIONS							
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	6,400	16,400	8,100	8,100	3,000	3,000
101-325-705.000	SUPERVISORY	58,000	74,300	76,400	75,500	78,400	80,400
101-325-706.000	NON-SUPERVISORY	627,400	631,000	682,000	689,100	710,500	728,200
101-325-707.000	CLERICAL	54,600	54,000	57,100	57,100	52,300	55,000
101-325-709.000	OVERTIME	44,000	50,600	32,700	56,000	56,000	58,800
101-325-709.040	HOLIDAY PAY	35,400	39,800	40,800	36,500	41,800	42,900
101-325-714.000	FRINGE BENEFITS	127,400	116,500	120,700	120,700	149,300	163,700
101-325-714.010	DC 401a RETIREMENT	7,400	8,000	61,900	61,000	63,100	64,700
101-325-714.050	DB Pension - Communications	113,100	133,400	96,700	96,700	118,600	140,500
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
101-325-720.000	WORKERS COMP/INSURANCE	2,200	2,300	2,300	2,300	10,100	10,100
101-325-727.000	Office Supplies	8,100	4,800	2,500	4,500	2,500	2,500
101-325-727.400	OFFICE SUPPLIES LOCKUP & RECORDS	1,400	2,100		2,000		
101-325-757.000	Operational Supplies					3,000	3,000
101-325-758.000	UNIFORMS	3,700	2,000	3,000	3,000		
101-325-759.000	Gasoline/Fuel			2,000		2,000	2,000
101-325-767.000	Clothing/Uniforms					3,000	3,200
101-325-776.000	MAINT- BLDG & GROUNDS	300	15,400		2,000		
101-325-799.000	Non-Capital Equipment					4,600	500
101-325-801.000	Professional & Contractual Services					44,800	44,800
101-325-818.000	CONTRACTUAL SERVICES	36,700	31,600	39,000	39,000		
101-325-818.400	CONTRACTUAL SERVICES- LOCKUP & REC	5,200	4,600	5,000	5,000		
101-325-835.000	Health Services - Physical Exams	300	300	300	700	300	300

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APPROPRIATIONS							
101-325-850.000	Communications/Phones/Radio/Cell					3,100	3,300
101-325-851.000	EQUIPMENT MNT/REPAIRS	21,800	17,200		17,000		
101-325-851.400	EQUIPT MAINT/REPAIR LOCKUP & RECOI	1,300	2,000	2,000	11,300		
101-325-853.000	TELEPHONE	13,400	4,000	10,200	4,200		
101-325-853.400	TELEPHONE LOCKUP & RECORDS	100	11,700	12,200	12,200		
101-325-915.000	Memberships/Dues					1,100	1,100
101-325-921.000	UTILITIES	6,700	6,100	6,400	7,000	6,600	7,000
101-325-921.400	UTILITIES LOCKUP & RECORDS	6,800	6,100	7,000	7,000		
101-325-930.000	Land & Building Repairs					2,000	2,500
101-325-940.000	Rentals/Leased Equipment					9,400	9,400
101-325-958.000	MEMBERSHIP/DUES	200	700	800	100		
101-325-960.000	EDUCATION/TRAINING	5,600	6,500	6,000	6,000	16,000	8,000
101-325-963.000	MISCELLANEOUS EXPENSE	500	1,400		2,000		
101-325-970.000	Capital Outlay				63,400		
101-325-978.000	CAPITAL EQUIPMENT PURCHASE	2,900	311,200	9,400	9,400		
101-325-978.001	Non-Capital Equipt Purchases < \$5,	1,500					
101-336-703.000	ELECTED OFFICIALS	111,200	113,900	116,200	115,000	118,500	120,900
101-336-705.000	SUPERVISORY	859,600	884,200	920,500	860,000	934,600	974,500
101-336-706.000	NON-SUPERVISORY	707,600	880,500	937,100	982,000	1,014,200	1,108,700
101-336-707.000	CLERICAL	43,500	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	65,800	65,600	68,000	90,000	70,000	75,000
101-336-709.020	FOOD ALLOWANCE	27,000	23,600	21,600	21,600	21,600	21,600
101-336-709.030	ALS PAY		72,200	100,900	100,900	113,000	115,000
101-336-709.040	HOLIDAY PAY	70,800	76,600	80,000	96,000	104,600	110,500

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APPROPRIATIONS							
101-336-714.000	FRINGE BENEFITS	288,300	267,300	290,000	287,500	300,600	327,100
101-336-714.010	DC 401a RETIREMENT	7,900	5,300	6,700	6,700	148,000	161,300
101-336-714.020	DB Pension - Fire	1,622,500	660,800	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	153,200	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	6,200	2,800	5,000	10,000	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	2,000		
101-336-757.000	Operational Supplies					9,000	9,000
101-336-758.000	UNIFORMS	5,200	6,100	16,000	15,200		
101-336-758.100	TURN OUT GEAR	23,000	13,400	15,000	14,000		
101-336-759.000	Gasoline/Fuel			20,000		20,000	20,000
101-336-767.000	Clothing/Uniforms					41,800	41,800
101-336-775.000	Janitorial/Custodial Supplies					7,500	7,500
101-336-776.000	MAINT- BLDG & GROUNDS	46,300	51,600	50,000	50,000		
101-336-799.000	Non-Capital Equipment					20,000	15,000
101-336-801.000	Professional & Contractual Service					11,000	6,000
101-336-818.000	CONTRACTUAL SERVICES	14,000	7,900	10,000	10,000		
101-336-824.000	LICENSES & SOFTWARE MAINT FEES	18,700	13,700	20,000	20,000		
101-336-826.000	Legal - Professional Services	400					
101-336-835.000	Health Services	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					6,200	6,200

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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-336-851.000	EQUIPMENT MNT/REPAIRS	17,100	28,100	25,000	20,000	25,000	25,000
101-336-853.000	TELEPHONE	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					5,000	5,000
101-336-863.000-2020101V0002	AUTO EXPENSE					10,000	10,000
101-336-863.000-2020101V0003	AUTO EXPENSE					5,000	5,000
101-336-873.000	TRAVEL EXPENSE		400		500		
101-336-880.000	Community Promotion					2,500	2,500
101-336-885.000	COMMUNITY SERVICE	3,000	2,700	2,000	2,000		
101-336-915.000	Memberships/Dues					13,000	13,000
101-336-921.000	UTILITIES	63,100	64,600	62,500	60,000	65,300	68,900
101-336-930.000	Land & Building Repairs					41,200	14,500
101-336-940.000	Rentals/Leased Equipment					1,200	1,200
101-336-948.000	Computer Services					16,200	16,500
101-336-952.000	Lawn care/Landscaping Services					3,600	3,600
101-336-954.000	Custodial/Cleaning Services					3,000	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	8,600	8,000	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	5,300	4,500				
101-336-970.000	Capital Outlay		937,700	89,100	89,100	85,000	320,000
101-336-970.000-2020101V0002	Capital Outlay			236,500	236,500		
101-336-978.000	CAPITAL EQUIPMENT PURCHASE	499,600	526,700	155,000	155,000		
101-336-978.001	Non-Capital Equipt Purchases < \$5,		12,800	20,000	20,000		

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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-336-978.500	EQUIPMENT LEASE PAYMENTS	600	1,200	1,200	115,000		
101-336-979.000	SMALL TOOLS	3,600	4,800	4,800	4,800		
101-336-991.000	Debt Service - Principal Payments			79,800		82,600	85,600
101-336-992.000	Debt Service - Interest Payments			33,300		30,500	27,600
101-351-727.000	Office Supplies					1,100	2,700
101-351-757.000	Operational Supplies					3,400	3,400
101-351-775.000	Janitorial/Custodial Supplies					700	700
101-351-801.000	Professional & Contractual Service					2,800	3,200
101-351-850.000	Communications/Phones/Radio/Cell					9,900	
101-351-852.000	Internet Services - Communication					1,200	1,200
101-351-857.000	Prisoner Housing					25,000	25,000
101-351-921.000	UTILITIES					6,600	7,000
101-351-930.000	Land & Building Repairs					1,400	1,400
101-351-954.000	Custodial/Cleaning Services					2,900	2,900
101-351-970.000	Capital Outlay					15,000	
101-371-705.000	SUPERVISORY	95,700	96,900	97,000	99,000	98,500	100,500
101-371-706.000	NON-SUPERVISORY	121,800	64,800	66,200	66,200	67,900	69,600
101-371-707.000	CLERICAL	51,000	58,900	99,000	99,900	109,100	111,800
101-371-708.000	PART TIME		18,000	25,900	25,900	27,100	27,800
101-371-709.000	OVERTIME	2,400	2,100	1,200		2,100	2,100
101-371-714.000	FRINGE BENEFITS	49,100	46,600	66,100	60,300	74,300	81,400
101-371-714.010	DC 401a RETIREMENT	36,500	32,600	40,400	39,100	41,400	42,300
101-371-714.500	FRINGE BENEFITS - RETIREES	500	4,400	200			
101-371-715.000	SOCIAL SECURITY	20,000	17,700	20,600	21,900	23,200	23,700
101-371-720.000	WORKERS COMP/INSURANCE	1,300	1,300	1,300	1,300	1,200	1,200

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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-371-727.000	Office Supplies	6,000	4,000	5,000	5,000	5,500	5,500
101-371-727.500	OFFICE SUPPLIES --PLANNING	900	400	200			
101-371-758.000	UNIFORMS		1,700		800		
101-371-759.000	Gasoline/Fuel			4,400		4,500	4,600
101-371-767.000	Clothing/Uniforms					400	400
101-371-791.000	Subscriptions & Publications					100	100
101-371-801.000	Professional & Contractual Service					156,000	159,000
101-371-818.000	CONTRACTUAL SERVICES	127,400	173,300	145,000	145,000		
101-371-818.500	CONTRACTUAL SERVICES-PLANNING	134,400	133,000	120,000	120,000		
101-371-843.000	Physicals Exams - Medical Provider					100	100
101-371-850.000	Communications/Phones/Radio/Cell					3,400	3,400
101-371-851.000	EQUIPMENT MNT/REPAIRS		200				
101-371-851.500	EQUIPTMNT/REPAIR PLANNING	100	100	100			
101-371-853.000	TELEPHONE	5,400	7,300	6,800	6,800		
101-371-853.500	TELEPHONE- PLANNING	1,000	1,500	1,200			
101-371-863.000	AUTO EXPENSE	7,700	11,000	7,500	7,500	8,000	8,200
101-371-915.000	Memberships/Dues					1,500	1,500
101-371-921.000	UTILITIES	7,100	6,400	6,800	7,700	7,000	7,400
101-371-921.500	UTILITIES-PLANNING	4,000	3,600	4,000	4,000		
101-371-928.000	Office Equipment Service/Repairs					2,300	2,300
101-371-930.000	Land & Building Repairs					500	500
101-371-940.000	Rentals/Leased Equipment					1,500	1,500
101-371-942.000	INTERGOVERNMENTAL SERVICE	29,000	34,500	35,200	35,200		
101-371-942.592	Int Gov Svcs - W&S Fund					14,600	
101-371-948.000	Computer Services					26,300	26,600

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-371-958.000	MEMBERSHIP/DUES	2,000	400	700	2,000		
101-371-960.000	EDUCATION/TRAINING	2,300	1,000		3,900	2,800	2,800
101-371-965.000	REFUNDS	8,200	2,800	23,000	10,000	10,000	10,000
101-371-970.000	Capital Outlay					75,000	
101-371-978.000	CAPITAL EQUIPMENT PURCHASE	16,600	2,600				
101-371-978.001	Non-Capital Equipt Purchases < \$5,				5,200		
101-371-978.100	EQUIPMENT PURCHASES-PLANNING		300				
101-371-978.500	EQUIPMENT LEASE PAYMENTS	600	1,000	1,800	1,500		
101-442-942.000	INTERGOVERNMENTAL SERVICE	87,200	88,800	90,000	90,000		
101-446-731.000	SALT	11,500	14,900	6,200	6,200	18,300	21,700
101-446-732.000	ASHPHALT& COLDPATCH	800			2,000	2,000	2,000
101-446-801.000	Professional & Contractual Service					7,000	7,000
101-446-813.000	PUBLISHING & PRINTING			100		500	500
101-446-818.000	CONTRACTUAL SERVICES	31,300	44,700	35,000	11,000		
101-446-851.000	EQUIPMENT MNT/REPAIRS	200					
101-446-920.000	STREET LIGHTING	51,200	56,700	52,000	52,000	57,000	57,000
101-446-946.000	Engineering Services					40,000	40,000
101-446-970.000	Capital Outlay		70,600				
101-691-708.000	PART TIME	126,700	114,000	110,800	128,000	132,700	132,700
101-691-709.000	OVERTIME	1,200	200	600		1,200	1,200
101-691-714.000	FRINGE BENEFITS	1,200	2,000				
101-691-714.500	FRINGE BENEFITS - RETIREES	4,000	5,200		4,000		
101-691-715.000	SOCIAL SECURITY	9,800	10,500	9,800	9,800	10,200	10,200
101-691-720.000	WORKERS COMP/INSURANCE	3,000	3,300	2,900	3,300	2,800	2,800
101-691-727.000	Office Supplies	200	200	200	500	300	300

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GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-691-757.000	Operational Supplies					6,500	6,500
101-691-758.000	UNIFORMS	200	500		500		
101-691-759.000	Gasoline/Fuel					3,000	3,000
101-691-767.000	Clothing/Uniforms					500	500
101-691-775.000	Janitorial/Custodial Supplies					4,000	4,000
101-691-801.000	Professional & Contractual Service		172,600			75,800	75,800
101-691-813.000	PUBLISHING & PRINTING					200	200
101-691-813.000-2020101M9501	PUBLISHING & PRINTING			200			
101-691-818.000	CONTRACTUAL SERVICES	1,900	24,500	101,800	101,800		
101-691-843.000	Physicals Exams - Medical Provider					200	200
101-691-850.000	Communications/Phones/Radio/Cell					1,300	1,300
101-691-853.000	TELEPHONE	2,700	2,500	2,600	2,600		
101-691-863.000	AUTO EXPENSE	5,200	6,400	5,000	5,000	3,000	3,000
101-691-921.000	UTILITIES	52,700	53,500	47,000	47,700	49,000	51,200
101-691-930.000	Land & Building Repairs					35,000	35,000
101-691-931.000	BUILDING/GROUND MNT	36,600	49,000	68,000	68,000		
101-691-931.500	EQUIPMENT REPAIR & MAINT	2,800	800	1,200	1,200	2,500	2,500
101-691-940.000	Rentals/Leased Equipment					300	300
101-691-942.000	INTERGOVERNMENTAL SERVICE	15,100	16,800	17,400	17,400		
101-691-942.226	Int Gov Svcs - Solid Waste Fund					18,700	19,400
101-691-952.000	Lawn care/Landscaping Services					42,000	42,000
101-691-957.000	Trash Collection Services					4,500	4,500
101-691-970.000	Capital Outlay					92,000	30,000
101-691-973.060	FORESTRY GRANT		1,300				
101-691-978.000	CAPITAL EQUIPMENT PURCHASE	159,500	86,200	37,500	37,500		

GL NUMBER	DESCRIPTION	2018 ACTIVITY	2019 ACTIVITY	2020 PROJECTED ACTIVITY	2020 AMENDED TMENT BUDGET	2021 REQUESTED BUDGET	2022 FORECASTED BUDGET
APPROPRIATIONS							
101-691-978.001	Non-Capital Equipt Purchases < \$5,	600			900		
101-691-978.500	EQUIPMENT LEASE PAYMENTS		100	300	300		
101-691-979.000	SMALL TOOLS			300	300		
101-701-727.000	Office Supplies					200	200
101-701-799.000	Non-Capital Equipment					600	600
101-701-801.000	Professional & Contractual Service					125,000	125,000
101-701-850.000	Communications/Phones/Radio/Cell					200	200
101-701-940.000	Rentals/Leased Equipment					300	300
101-701-942.592	Int Gov Svcs - W&S Fund					22,700	23,400
101-801-704.000	SALARY-BOARD	12,500	10,900	10,200	12,000	10,200	10,200
101-801-715.000	SOCIAL SECURITY	900	800	800	900	800	800
101-801-813.000	PUBLISHING & PRINTING	600	1,100	600	1,000	1,100	1,100
101-801-861.000	EXPENSE ALLOWANCE	600	700	700	700		
101-801-915.000	Memberships/Dues					700	700
101-815-704.000	SALARY-BOARD	4,400	3,500	4,800	4,000	4,800	4,800
101-815-715.000	SOCIAL SECURITY	300	300	400	300	400	400
101-851-942.226	Int Gov Svcs - Solid Waste Fund					9,300	9,700
101-851-971.000	BLOCK GRANT	89,400	78,900	8,500	20,000		
101-954-912.000	MUNICIPAL RISK INSURANCE	351,100	356,200	360,700	356,200	366,000	366,000
101-955-885.000	COMMUNITY SERVICE	59,600	36,600		45,000		
TOTAL APPROPRIATIONS		15,889,200	18,448,900	17,369,100	17,662,500	17,404,700	18,007,200
NET OF REVENUES/APPROPRIATIONS - FUND 101		254,700	1,187,600	(10,234,800)	(299,600)	323,100	174,100

