



PROPOSED AGENDA
REGULAR MEETING OF THE PORTLAND CITY COUNCIL
 7:00 P.M. Monday, January 20, 2025
 City Council Chambers
 City Hall, 259 Kent St, Portland, MI 48875

<u>Estimated Time</u>		<u>Desired Outcome</u>
7:00 PM	I. <u>Call to Order by Mayor Barnes</u>	
7:01 PM	II. <u>Pledge of Allegiance</u>	
7:02 PM	III. <u>Acceptance of Agenda</u>	Decision
7:03 PM	IV. <u>Public Comment</u> (5-minute time limit per speaker)	
7:08 PM	V. <u>City Manager Report</u>	
7:15 PM	VI. <u>Presentations</u> A. Jon Moxey of Fleis & Vandenbrink – Engineering Update	
	VII. <u>Public Hearing(s)</u> - None	
	VIII. <u>Old Business</u> - None	
	IX. <u>New Business</u> – None	
7:20 PM	X. <u>Consent Agenda</u> A. Minutes and Synopsis of the Regular City Council Meeting held on January 6, 2025 B. Payment of Invoices in the Amount of \$121,596.63 and Payroll in the Amount of \$144,905.61 for a Total of \$266,502.24 C. Purchase Orders over \$5,000.00 1. Goodrich Masonry LLC in the amount of \$7,000.00 for Masonry and Framing at 103 E. Grand River 2. Dickenson Wright PLLC in the amount of \$8,573.00 for Legal Service Related to 103 E. Grand River 3. Fleis & VandenBrink in the Amount of \$77,247.00 for Engineering Services Related to the Kent Street Improvement Project	Decision
	XI. <u>Communications</u> A. Water Department Report for December 2024 B. Ionia Conservation District Correspondence C. Ionia Conservation District Materials Management SWOT Analysis D. Wastewater Treatment Report for December 2024	

Estimated Time
7:30 PM
7:45 PM
7:50 PM
8:00 PM

XII. Other Business

- A. Closed Session: Pursuant to section 8(h) of the Open Meetings Act, to consider material exempt from disclosure by state statute, section 13(1)(g) of the Freedom of Information Act, which exempts from public disclosure “information or records subject to the attorney-client privilege” being Confidential Attorney-Client Written Communications dated January 20, 2025

XIII. City Manager Comments

XIV. Council Comments

XV. Adjournment

<u>Desired Outcome</u>
Decision



City of Portland

Portland, Michigan

Minutes of the City Council Meeting

Held on Monday, January 6, 2025

In the City Council Chambers at City Hall

259 Kent St., Portland, MI 48875

Present: Mayor Barnes, Mayor Pro-Tem VanSlambrouck, Council Members Fitzsimmons, Johnston, and Sheehan; City Manager Dymczyk; Finance Director Tolan; Police Chief Thomas; Officer Max McCrory; Wastewater Treatment Plant Superintendent Tony Smith; DDA

Guests: Kathy Parsons

The meeting was called to order at 7:00 P.M. by Mayor Barnes with the Pledge of Allegiance.

Motion by Fitzsimmons, supported by VanSlambrouck, to approve the proposed agenda as presented.

Yeas: Fitzsimmons, VanSlambrouck, Johnston, Sheehan, Barnes

Nays: None

Adopted

There was no public comment.

Under City Manager Report, City Manager Dymczyk reported on recent and upcoming activities.

Under presentations, Downtown Development Authority Director ConnerWellman reported on downtown activity and updated City Council on a business wide communication that will be addressed by the Downtown Development Authority at the next authority meeting.

Under New Business, the Council considered Resolution 25-01 to approve a contract with Merrell Bro., Inc. for the landfill application of biosolids.

City Manager Dymczyk discussed the contributing factors towards the wastewater treatment plant operational pivot from land application to landfill application and thanked Wastewater Treatment Plant Superintendent Smith for his efforts on the initiative.

Wastewater Treatment Plant Superintendent Smith spoke to the technical details of this transition, efficiency gained within the department and the options available to the City on this new initiative.

Motion by Johnston, supported by Sheehan, to approve Resolution 25-01 approving a contract with Merrell Bro., Inc. for the landfill application of biosolids at a cost of \$63,687.00 for a term of one year.

Yeas: Johnston, Sheehan, VanSlambrouck, Fitzsimmons, Barnes

Nays: None

Adopted

City of Portland
City Council Minutes – January 6, 2025

Motion by VanSlambrouck, supported by Fitzsimmons, to approve the Consent Agenda which includes the Minutes and Synopsis from the Regular City Council Meeting held on December 16, 2024, payment of invoices in the amount of \$155,066.57 and payroll in the amount of \$387,103.75, for a total of \$542,170.32. A purchase order to D&E Electric, LLC in an amount not to exceed \$15,725.00 to install conduit at the Portland Wastewater Treatment Plant was also included.

Yeas: VanSlambrouck, Fitzsimmons, Johnston, Sheehan, Barnes

Nays: None

Adopted

Under City Manager Comments, City Manager Dymczyk highlighted that the D&E Electric purchase order is tied to the to landfill application of biosolids.

Under Council Member Comments, Mayor Barnes noted the passing of former City Council member Roger Habegger highlighting his service to the City of Portland. Mayor Barnes also noted the passing of President Carter.

Council Member VanSlambrouck noted the local VFW has food offerings on Fridays that include a burger burn and fish fry and Sundays with breakfast.

Motion by Fitzsimmons, supported by VanSlambrouck, to adjourn the regular meeting.

Yeas: Fitzsimmons, VanSlambrouck, Johnston, Sheehan, Barnes

Nays: None

Adopted

Meeting adjourned at 7:29 P.M.

Respectfully submitted,

James E. Barnes, Mayor

Andrew Dymczyk, City Manager

DRAFT

City of Portland
Synopsis of the Minutes of the January 6, 2024, City Council Meeting
In the City Council Chambers at City Hall
259 Kent St., Portland, MI 48875

The City Council meeting was called to order by Mayor Barnes at 7:00 P.M.

Present - Mayor Barnes, Mayor Pro-Tem VanSlambrouck, Council Members Fitzsimmons, Johnston, and Sheehan; City Manager Dymczyk; Finance Director Tolan; Police Chief Thomas; Officer Max McCrory; Wastewater Treatment Plant Superintendent Tony Smith

Presentation - DDA Director ConnerWellman presented her report on downtown activities

Approval of Resolution 25-01 approving a contract with Merrell Bro., Inc. for the landfill application of biosolids.

All in favor. Adopted.

Approval of the Consent Agenda.

All in favor. Adopted.

Adjournment at 7:29 P.M.

All in favor. Adopted.

A copy of the approved Minutes is available upon request at City Hall, 259 Kent Street.
Andrew Dymczyk, City Manager

DRAFT

VENDOR NAME	VENDOR	DESCRIPTION	AMOUNT
KARA DOUGHERTY	02767	ASSESSING SERVICES 1ST HALF OF JAN 2025 - ASSES	1,679.75
GRANGER	00175	REFUSE - ELECTRIC	97.65
GRANGER	00175	REFUSE - POLICE, COM PROMO	97.65
STATE OF MICHIGAN	02577	BACTI SAMPLES - WATER	96.00
FAMILY FARM & HOME	01972	SUPPLIES - MAJ STS	10.00
CONSUMERS ENERGY	00095	GAS SERVICE - ELECTRIC	1,335.48
STAPLES	00426	VAR SUPPLIES/PURCHASES - VAR DEPTS	44.13
PURITY CYLINDER GASES, INC.	00380	QRTLY CYLANDER RENT - MTR POOL	274.72
BLUNDY,HOPPE,S,TIRE & AUTO CLINIC	01952	TIRE MOUNT & BALANCE 501 - MTR POOL	93.88
HYDROCORP	02340	INSPECTION & REPORT - WTR APP RES 21-49	632.00
METTLER TOLEDO	01938	2 YEAR SERVICE & CALIBRATION 25-26- WW	1,290.30
CULLIGAN	02130	COOLER RENTAL - WW	15.00
CULLIGAN	02130	COOLER RENTAL - WW	15.00
CULLIGAN	02130	COOLER RENTAL - WW	15.00
PORTLAND TOWNSHIP TREASURER	00371	ANNEX AGREEMENT REV SHARING SEPT-OCT 2024- COM	6,077.00
MENARDS	00260	CANDY FOR PARADE - ELECTRIC	253.41
RAPID SHRED	02719	SHRED/MI DEAL TRIP CHG - GEN	44.06
BOUND TREE MEDICAL LLC.	01543	MEDICAL SUPPLIES - AMB	462.23
BOUND TREE MEDICAL LLC.	01543	MEDICAL SUPPLIES - AMB	302.37
RACHELLE BREEDEN	02927	DEC 2024 BOR & TRAINING - ASSESSOR	85.00
DOUG LOGEL SR.	02451	DEC 2024 BOR - ASSESSOR	45.00
MIKE JUDD	02450	DEC 2024 BOR - ASSESSOR	45.00
MIKE FOX	02921	DEC 2024 BOR - ASSESSOR	45.00
GRAINGER, INC.	00172	SUPPLIES - LOC STS	49.68
STAR THOMAS	01654	AMAZON FRAMES REIM - POLICE	16.94
CULLIGAN	02130	COOLER RENTAL - POLICE	136.80
PRINTING SYSTEMS, INC.	00375	A/P PAYING ACCOUNT CHECKS - VAR DEPTS	152.52
APEX SOFTWARE	00876	MOD SURVEY STD MODULE - ASSESSOR	100.00
KEUSCH TIRE & AUTO	00228	C2 OIL CHANGE, TIRE ROTATION - POLICE	94.64
GREAT LAKES JANITORIAL SERVICES	02654	CLEANING SERVICES - ELECTRIC	193.90
GREAT LAKES JANITORIAL SERVICES	02654	CLEANING SERVICES - ELECTRIC	325.00

VENDOR NAME	VENDOR	DESCRIPTION	AMOUNT
POWER LINE SUPPLY COMPANY	00389	TESTING EA BLANKET 5KV - ELECTRIC	36.00
POWER LINE SUPPLY COMPANY	00389	INSULATED BLANKET TESTING - ELECTRIC	123.00
APX, INC.	02591	MIRECS SUBSCRIPTION - ELECTRIC	250.00
MUNICIPAL SUPPLY CO.	00324	RED CABLE MARKING FLAGS - ELECTRIC	332.00
FAMILY FARM & HOME	01972	HARDWARE - ELECTRIC	19.99
USA BLUEBOOK	01850	HACH DPD FREE 10ML SAMPLE/SHIPPING - WATER	71.26
HOMEWORKS TRI-COUNTY ELECTRIC	02092	FIBER COST - VAR DEPTS	1,110.19
CINTAS	02901	RESTOCK MEDICINE CABINET - CITY HALL	7.15
CINTAS	02901	RESTOCK MEDICINE CABINET - WW	18.59
GREAT LAKES JANITORIAL SERVICES	02654	CLEANING SERVICES - ELECTRIC	200.00
OTC INDUSTRIAL TECHNOLOGIES	02928	PREVENTIVE MAINTENANCE - WW	1,904.73
GRANGER	00175	REFUSE - MP, PARKS, CEM	327.60
GRANGER	00175	REFUSE - WW	172.20
FAMILY FARM & HOME	01972	TRIM FOR FIRE PANEL IN ENTRANCE - CITY HALL	13.98
BADGER METER INC.	02247	ORION CELLULAR LTE SVC - WATER	885.04
BADGER METER INC.	02247	ORION CELLULAR LTE SVC - WATER	885.04
GREAT LAKES JANITORIAL SERVICES	02654	CLEANING SERVICES FLOOR - ELECTRIC	1,500.00
CHOP	02733	R O W CLEARING DIV HWY/GOODWIN - ELEC, APP RES	22,857.12
MUNICIPAL SUPPLY CO.	00324	SOFT COPPER - WATER	1,826.00
MUNICIPAL SUPPLY CO.	00324	SUPPLIES - WATER	1,348.38
MHR BILLING	01780	DEC 2024 BILLING - AMB	2,575.00
INSOURCE SOLUTIONS GROUP INC.	01813	ONLINE TOOL - INCOME TAX	1,400.00
USA BLUEBOOK	01850	SUPPLIES - WW	1,010.80
USA BLUEBOOK	01850	RICCA PHOSPHATE -WW	77.60
HECO INC	02931	GEN#2 @DAM CLEANING - ELEC APP CONS AGENDA 10-7	14,096.00
COOK BROS EXCAVATING	00101	REMOVE CONCRETE GR RIV - ELEC APPR RES 24-104	6,506.00
POWER LINE SUPPLY COMPANY	00389	INSULATED GLOVES/TESTING - ELECTRIC	2,880.00
THEKA ASSOCIATES ENGINEERING, INC.	02557	RELAY REPAIR - ELECTRIC	1,568.50
CORRIGAN OIL CO, NO. 11	02693	DIESEL - ELECTRIC	2,054.34
FAMILY FARM & HOME	01972	BLK HEX BUSHING - WW	2.99
FAMILY FARM & HOME	01972	HOSE - WW	14.90

VENDOR NAME	VENDOR	DESCRIPTION	AMOUNT
THE SAFETY COMPANY LLC DBA MTECH	02306	8" QUICK CLAMP - WW	26.00
FLEIS & VANDENBRINK	00153	GEN ENGINEERING SVC - GEN	522.00
FLEIS & VANDENBRINK	00153	KENT ST - MAJ STS, WATER, WW	266.00
UTILITY SERVICE CO. INC.	02133	QRTLY S TANK - WATER	7,154.16
UTILITY SERVICE CO. INC.	02133	QRTLY HILL ST - WATER	5,404.08
UM HEALTH-SPARROW OCCUPATIONAL HLT00340		PRE EMPLOY PHYSICAL J PIETERS - POLICE	251.00
TOM'S FOOD CENTER	00452	VAR SUPPLIES/PURCHASES - VAR DEPTS	3,418.25
GANNETT MICHIGAN LOCALIQ	02738	COUNCIL MTG SYNOPSIS - GEN	367.40
CONSUMERS ENERGY	00095	GAS SERVICE - PARKS	230.61
CONSUMERS ENERGY	00095	GAS SERVICE - WW	20.02
CONSUMERS ENERGY	00095	GAS SERVICE - WW	1,155.72
CONSUMERS ENERGY	00095	GAS SERVICE - PARKS	384.89
CONSUMERS ENERGY	00095	GAS SERVICE - WATER	143.43
CONSUMERS ENERGY	00095	GAS SERVICE - CITY HALL	1,089.41
CONSUMERS ENERGY	00095	GAS SERVICE - MTR POOL	18.36
CONSUMERS ENERGY	00095	GAS SERVICE - WATER	21.65
CONSUMERS ENERGY	00095	GAS SERVICE - ELECTRIC	1,104.20
CULLIGAN	02130	WATER X2 CITY HALL- GEN	16.00
MENARDS	00260	KENT ST FLUSH MOUNTED VAULTS EV CHARGERS - ELEC	29.92
APPLIED INNOVATION	02493	CITY HALL COPY MACHINE MAINT - GENERAL	76.03
APPLIED INNOVATION	02493	COPY MACHINE MAINT - ELECTRIC	27.41
CINTAS	02901	RESTOCK MEDICINE CABINET - MTR POOL	40.83
UIS SCADA	00462	CRUISE SUBSCRIPT CELLULAR - WW	1,665.00
STAR THOMAS	01654	POSTAGE REIM - POLICE	6.10
VC3 INC.	02745	MICROSOFT MONTHLY AGREEMENT - GEN	402.80
CHERRY HILL ESTATES	02081	1ST QTR ASSOC ASSESS JAN-MAR 2025 - ECON DEV	90.09
MUNICIPAL SUPPLY CO.	00324	FULL SEAL CLAMP - WATER	1,236.00
UIS SCADA	00462	SUBSCRIPT FEE/CELLULAR - WATER	2,247.00
UIS SCADA	00462	RADIO TROUBLESHOOTING - WW	1,360.00
DICKINSON WRIGHT PLLC	02244	LEGAL SVCS 103 E GR RIV - GEN, ECON DEV	8,573.00
MCGINTY HITCH PERSON ANDERSON REVO02907		LEGAL SVCS LABOR EMPLOYMENT - POLICE	915.50

Date: 01/15/25

CITY OF PORTLAND INVOICE REGISTER

Page: 4

VENDOR NAME	VENDOR	DESCRIPTION	AMOUNT
CINTAS	00083	UNIFORM CLEANING, BLDG SUPPLIES - VAR DEPTS	2,494.06
PLEUNE SERVICE COMPANY INC.	00741	REPAIR BOILERS - CITY HALL	360.20
PLEUNE SERVICE COMPANY INC.	00741	ADJUST HEAT - CITY HALL	280.00
Total:			\$121,596.63

**BI-WEEKLY
WAGE REPORT
January 21, 2025**

DEPARTMENT	GROSS EARNINGS CURRENT PAY	GROSS EARNINGS YEAR-TO-DATE	SOCIAL SECURITY & FRINGE BENEFITS CURRENT PAY	SOCIAL SECURITY & FRINGE BENEFITS YEAR-TO-DATE	TOTAL CURRENT PAYROLL	GRAND TOTAL YEAR-TO-DATE
GENERAL ADMIN.	11,696.53	199,537.28	2,268.84	48,525.51	13,965.37	248,062.79
ASSESSOR	-		-	-		
CEMETERY	2,642.55	73,150.36	312.19	19,487.94	2,954.74	92,638.30
POLICE	16,887.83	314,162.26	3,933.68	103,412.59	20,821.51	417,574.85
CODE ENFORCEMENT	2.12	295.20	0.16	22.61	2.28	317.81
PARKS	1,955.02	59,034.70	233.15	9,947.79	2,188.17	68,982.49
INCOME TAX	2,439.88	46,374.75	799.35	16,641.14	3,239.23	63,015.89
MAJOR STREETS	5,842.81	72,439.90	1,370.06	30,101.82	7,212.87	102,541.72
LOCAL STREETS	4,505.62	63,187.71	983.59	28,674.99	5,489.21	91,862.70
RECREATION	2,019.85	27,397.84	284.19	5,676.12	2,304.04	33,073.96
AMBULANCE	27,252.69	390,456.00	4,670.17	78,134.66	31,922.86	468,590.66
DDA	2,919.19	44,964.07	410.36	7,937.33	3,329.55	52,901.40
ELECTRIC	26,392.00	398,170.52	2,678.68	126,128.27	29,070.68	524,298.79
WASTEWATER	10,851.10	154,562.27	2,031.32	39,809.48	12,882.42	194,371.75
WATER	6,430.62	108,740.66	1,693.87	41,053.91	8,124.49	149,794.57
MOTOR POOL	1,154.36	14,659.14	243.83	4,744.37	1,398.19	19,403.51
TOTALS:	122,992.17	1,967,132.66	21,913.44	560,298.53	144,905.61	2,527,431.19

MEMO

To: Andrew Dymczyk, City Manager
City of Portland

From: Jonathan W. Moxey, P.E.
Fleis & VandenBrink

CC: Mindy Tolan, Treasurer
Tina CW, Portland DDA

Date: January 16, 2025

Re: [103 E. Grand River Masonry Cost Update](#)

In December, the City issued a purchase order to Goodrich Masonry for masonry and framing work required to structurally repair and enclose the shared wall along the west side of the former building at 103 E. Grand River Avenue and the east side of the remaining building at 104 W. Grand River Avenue (Fabiano's). The way the two buildings were built and expanded over the years, the upper east wall of 104 is supported on the lower west wall of 103, requiring that wall to remain in place following building demolition work at 103. The original PO included rebuilding the north end of the remaining block wall to stabilize it (now it is a free-standing wall where it used to have walls in the east-west direction framing into it). As removals were completed around the south end of the wall it was discovered that the narrow brick wall supporting the south end is also in poor condition. We are requesting an additional purchase order to make similar repairs at the south end of the wall. The following is provided to assist with the City's approval process:

Vendor:
Goodrich Masonry, LLC
4074 E. Grand River Avenue
Portland, MI 48875
517-455-2472

Scope:
Mobilization
Heating and Housing
Temporary Scaffolding
~20 courses of block in 3 sections vert to repair/reinforce S wall of the prior garage area
Reinforcing steel and grout

Estimate: Only approximately \$22,000 of the original \$35,000 purchase order was spent for the work completed to date. Goodrich estimates that the work at the south end will be comparable in cost to the north end. We are requesting an additional \$7,000 to bring the total approved amount to \$44,000.

Photos to illustrate the conditions that were encountered are attached for reference.

MEMO



View of west wall of former building at 103 and east-west support walls at north and south ends



View of the west wall of 103 and east-west supporting wall at the north end prior to repair work

MEMO



View of the east-west support wall at the south end of the west wall of former 103 prior to removal of finishes



View of the upper area of the east-west support wall at the south end prior to removal of finishes

MEMO



View of the east-west support wall at the south end after removal of finishes



View of the upper area of the east-west support wall at the south end after removal of finishes

IN ACCOUNT WITH



200 OTTAWA AVENUE, N.W., SUITE 900
GRAND RAPIDS, MI 49503-2427
TELEPHONE: (616) 458-1300
http://www.dickinsonwright.com
FEDERAL I.D. #38-1364333

INVOICE DATE: JANUARY 8, 2025
INVOICE NO.: 1997320

PORTLAND, CITY OF
259 KENT STREET
PORTLAND, MI 48875-1495

ATTN: Andrew Dymczyk

GROUP ID: 057672

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH DECEMBER 31, 2024

TOTAL FEES CURRENT INVOICE	\$	<u>267.00</u>
TOTAL CURRENT INVOICE	\$	<u>267.00</u>

OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF JANUARY 8, 2025

<u>INVOICE</u>	<u>DATE</u>	<u>BILLED VALUE</u>	<u>PAYMENTS</u>	<u>OUTSTANDING</u>
1970521	10/14/24	742.50	(0.00)	742.50
1976790	11/07/24	5,787.50	(0.00)	5,787.50
1986102	12/04/24	1,776.00	(0.00)	<u>1,776.00</u>

TOTAL OUTSTANDING FROM PRIOR INVOICES	\$	8,306.00
TOTAL AMOUNT DUE	\$	<u>8,573.00</u>

Remittance Instructions			
Terms: Due and Payable Upon Receipt			
Mail To:	Pay Online:	Wire Instructions:	ACH Instructions:
Dickinson Wright PLLC 2600 W. Big Beaver Suite 300 Troy, MI 48084	Credit Card and ACH/eCheck Payments We accept Visa®, Mastercard®, American Express® and Discover® https://www.dickinson-wright.com/invoice-payment	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 021 000 021 Swift Code: CHASUS33 (International) Account# 38852	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 072 000 326 Account# 38852
(Please reference your client/invoice numbers when paying electronically)			

To (Owner):	City of Portland 259 Kent Street Portland, MI 48875	Project:	Wastewater System Improvements CWSRF No. 5758-01	Invoice No.:	122132
DESIGN-BUILDER:	F&V Construction 2960 Lucerne Drive SE Grand Rapids, MI 49546	<div style="border: 2px solid red; padding: 5px; background-color: yellow;"> <p>Important Update Effective July 1, 2024, our ACH bank account information has changed. Please update your payment records accordingly.</p> <p>Bank Name: Comerica Bank Routing Number: 072000096 Account Number: 1853988358</p> <p>We encourage clients to pay via ACH for enhanced security and efficiency. However, if you prefer to continue paying by check, please remit payment to the address on this invoice.</p> <p>To confirm the details of this change, or for any other questions related to your invoice, please contact your F&V support team at 616.977.1000.</p> </div>		Application No.:	32
				Application Date:	January 2, 2025
				Period to:	December 31, 2024
				FVC Proj No.:	1221
				Contract Date:	December 23, 2021

DESIGN-BUILDER'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation sheet is attached.

CHANGE ORDER SUMMARY

Change Orders Approved	ADDITIONS	DELETIONS
Change Order No. 1	\$ 28,649.69	\$ -
Change Order No. 2	\$ 14,723.00	\$ -
Change Order No. 3	\$ 6,836.00	\$ -
Change Order No. 4	\$ 21,544.00	\$ -
Change Order No. 5	\$ 1,887,894.00	\$ -
Change Order No. 6	\$ -	\$ (32,116.76)
Change Order No. 7	\$ 84,247.00	\$ -
TOTALS	\$ 2,043,893.69	\$ (32,116.76)
Approved this Month		
TOTALS	\$ -	\$ -
Net Change by Change Orders	\$ 2,043,893.69	\$ (32,116.76)

1. ORIGINAL CONTRACT SUM	\$ 12,750,000.00
2. NET CHANGE BY CHANGE ORDERS	\$ 2,011,776.93
3. ADJUSTED CONTRACT SUM TO DATE	\$ 14,761,776.93
(Line 1 + Line 2)	
4. TOTAL COMPLETED & STORED TO DATE	\$ 12,723,235.24
5. RETAINAGE	\$ 100,000.00
6. TOTAL ELIGIBLE TO DATE (Line 4 - Line 5)	\$ 12,623,235.24
7. LESS PREVIOUS PAYMENTS	\$ 12,545,988.24
8. CURRENT PAYMENT DUE	
\$	77,247.00
9. BALANCE TO FINISH, PLUS RETAINAGE	
\$	2,138,541.69
(Line 3 - Line 4 + Line 5)	

AMOUNT CERTIFIED
(Attach explanation if amount certified differs from the amount applied for.)

\$ 77,247.00

DESIGN-BUILDER:

Cory Turner

By: _____ Date: January 2, 2025

This Certification is not negotiable. The AMOUNT CERTIFIED is payable only to party named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Design-Builder under this Contract.

APPROVALS:

By: _____ Date: _____
CITY OF PORTLAND

CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observation and the data comprising the above application, the Design-Builder certifies to the Owner that to the best of the Design Builder's knowledge, information, and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Design-Builder is entitled to payment of the AMOUNT CERTIFIED.

Payment Application No. 32

City of Portland | Wastewater System Improvements, CWSRF No. 5758-01

Contract No.	Item Description	Original Contract Amount	Changes to Date	Adjusted Contract Amount	Previously Invoiced	Work Completed this Period	Total Completed to Date	Balance to Finish	Percent Complete
C1	Site Work & Excavation	\$ 1,557,040.00	\$ 1,610,061.00	\$ 3,167,101.00	\$ 1,702,000.00	\$ 69,905.00	\$ 1,771,905.00	\$ 1,395,196.00	56%
C2	Concrete	\$ 684,595.00	\$ 21,172.00	\$ 705,767.00	\$ 705,767.00	\$ -	\$ 705,767.00	\$ -	100%
C3	General Trades	\$ 656,125.00	\$ 53,373.65	\$ 709,498.65	\$ 709,498.65	\$ -	\$ 709,498.65	\$ -	100%
C4	Painting	\$ 210,568.00	\$ 56,605.00	\$ 267,173.00	\$ 267,173.00	\$ -	\$ 267,173.00	\$ -	100%
C5	Mechanical	\$ 4,527,209.20	\$ 59,166.39	\$ 4,586,375.59	\$ 4,586,375.59	\$ -	\$ 4,586,375.59	\$ -	100%
C6	Electrical, Instrumentation & Control	\$ 1,072,737.00	\$ 60,228.00	\$ 1,132,965.00	\$ 1,132,965.00	\$ -	\$ 1,132,965.00	\$ -	100%
C7	Biosolids Storage Tank	\$ 488,780.00	\$ -	\$ 488,780.00	\$ 488,780.00	\$ -	\$ 488,780.00	\$ -	100%
C8	Sanitary Sewer Improvements (Not Used)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	100%
C9	Cured-in-Place Pipe	\$ -	\$ 149,837.00	\$ 149,837.00	\$ -	\$ -	\$ -	\$ 149,837.00	0%
C10	River Crossing (Not Used)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	100%
C11	Masonry	\$ 225,000.00	\$ -	\$ 225,000.00	\$ 225,000.00	\$ -	\$ 225,000.00	\$ -	100%
C12	Concrete Demo (Included in C1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	100%
C13	Owner's System Integrator WWTP	\$ 49,900.00	\$ 5,750.00	\$ 55,650.00	\$ 55,650.00	\$ -	\$ 55,650.00	\$ -	100%
	Owner's System Integrator Lift Stations	\$ -	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ -	\$ 3,500.00	\$ -	100%
	General Conditions	\$ 313,700.00	\$ 45,400.00	\$ 359,100.00	\$ 329,500.00	\$ 1,400.00	\$ 330,900.00	\$ 28,200.00	92%
	Design-Builder's Fee	\$ 831,800.00	\$ 164,542.00	\$ 996,342.00	\$ 858,079.00	\$ 5,942.00	\$ 864,021.00	\$ 132,321.00	87%
	Basic Services - Design, VE & Pre-Con	\$ 740,000.00	\$ -	\$ 740,000.00	\$ 740,000.00	\$ -	\$ 740,000.00	\$ -	100%
	Basic Services - PM, Admin, SS	\$ 789,800.00	\$ 118,900.00	\$ 908,700.00	\$ 841,700.00	\$ -	\$ 841,700.00	\$ 67,000.00	93%
	Design-Builder's Contingency	\$ 602,745.80	\$ (336,758.11)	\$ 265,987.69	\$ -	\$ -	\$ -	\$ 265,987.69	0%
Contract Total		\$ 12,750,000.00	\$ 2,011,776.93	\$ 14,761,776.93	\$ 12,645,988.24	\$ 77,247.00	\$ 12,723,235.24	\$ 2,038,541.69	86%

Item Description	Original Contract Amount	Changes to Date	Adjusted Contract Amount	Previously Invoiced	Work Completed this Period	Total Completed to Date	Balance to Finish	Percent Complete
CWSRF No. 5758-01	\$ 12,750,000.00	\$ 39,635.93	\$ 12,789,635.93	\$ 12,463,911.24	\$ -	\$ 12,463,911.24	\$ 325,724.69	97%
River Crossing (CO No. 5)	\$ -	\$ 1,887,894.00	\$ 1,887,894.00	\$ 182,077.00	\$ -	\$ 182,077.00	\$ 1,705,817.00	10%
103 Grand River Building Demo (CO No. 7)	\$ -	\$ 84,247.00	\$ 84,247.00	\$ -	\$ 77,247.00	\$ 77,247.00	\$ 7,000.00	92%
Total	\$ 12,750,000.00	\$ 2,011,776.93	\$ 14,761,776.93	\$ 12,645,988.24	\$ 77,247.00	\$ 12,723,235.24	\$ 2,038,541.69	86%

City Of Portland
Water Department
Monthly Water Report
December 2024

Monthly Water Production

Well #4	4,345,000 Gallons
Well #5	0 Gallons
Well #6	3,876,000 Gallons
Well #7	0 Gallons

Daily Water Production

Well #4	140,161 Gallons
Well #5	0 Gallons
Well #6	125,032 Gallons
Well #7	0 Gallons

Daily Average Water Production for All Wells 265,193 Gallons

Total Water Production for the Month 8,221,000 Gallons

Total Water Production for the Previous Month 8,595,000 Gallons

Total Production decreased by 374,000 Gallons

Total Production for This Month from the Previous Year 9,414,000 Gallons

Total Production decreased by 1,193,000 Gallons

Rodney D. Smith Jr.
Water Technician



Ionia Conservation District

431 Swartz Ct. #300, Ionia, MI 48846

Phone: 616-527-2098

www.ioniacd.org

Dear municipal leaders of Ionia County,

As some of you may be aware, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) is requiring all counties to update their County Solid Waste plans. By 2028, the Ionia County will adopt a new Materials Management Plan with a focus on reducing waste and finding ways to divert reusable materials from being landfilled. This comprehensive Plan covers a broad range of topics including conventional recyclables (plastic, glass, cans, cardboard, paper), organics (food waste, compost, agricultural waste), household hazardous waste, landfills, medical waste, construction and demolition, and more.

The Materials Management Planning Committee follows a scheduled work plan which divides the plan writing by each type of material. This means that there will be months at a time when the voices of some key stakeholders will not be necessary or relevant. If there is a topic that you find relevant to your municipality and you do not feel adequately represented, please feel free to reach out and let us know. In tandem with local leadership, the Materials Management Planning Committee would like to receive as much public input as possible to make sure that the goals set by the Plan accurately reflect the needs of the residents of Ionia County. To ensure this, Ionia Conservation District (Designated Planning Agency for Materials Management in Ionia County) is committed to the following measures:

1. Regularly provide survey materials to municipalities for public comment.
2. Provide quarterly updates to municipalities on the progress of the Materials Management Planning Committee.
3. Invite key stakeholders from municipalities to meetings where their input is critical.
4. Make all relevant publicly accessible information so that anyone can study the process and reasoning behind the choices made by the committee. This is available on the County website or by request.

Attached you will find a brief survey that we ask you to fill out and/or distribute to community members. This survey asks you to describe the strengths, weaknesses, opportunities, and threats of Ionia County's current Solid Waste Plan (1999). There will be a survey for each material topic; the first is regarding conventional recyclables (plastic, glass, cans, cardboard, paper). This is one of your opportunities to inform the committee about the unique goals and needs of your municipality.

Thank you in advance for your valuable input.

Sincerely,

Melissa Eldridge

Ionia Conservation District

Ionia County Designated Planning Agency

Mission

The primary responsibility of the Ionia Conservation District is to protect our natural resources by: encouraging the use of each acre of land and water within the limits of its capabilities, encouraging the treatment of each acre with the proper needs for protection and improvement, by acquainting people of the district with the importance of soil and water conservation, and providing assistance in Ionia County with conservation concerns.



Ionia County Materials Management Planning SWOT Analysis

Return to:

431 Swartz Court, Ste. #300, Ionia, MI 48846

Or email to ioniacd@gmail.com

Material Focus: **Recyclables (plastics, glass, cans, cardboard, paper)**

In order to gauge public opinion and inform the Ionia County Materials Management Plan, the Materials Management Planning Committee is conducting a "SWOT" process – identifying strengths, weaknesses, opportunities, and threats of the current solid waste management system. This process will span the length of this topic's discussion and will be repeated for each topic.

Strengths:

1. _____

2. _____

Weaknesses:

1. _____



2. _____

Opportunities:

1. _____

2. _____

Threats:

1. _____

2. _____



January 6, 2025

Mr. Andrew Dymczyk, City Manager

City of Portland

259 Kent Street

Portland, MI 48775

RE: December 2024 Monthly Operation Report

Dear Mr. Dymczyk:

Attached is our Monthly Operation Report for the operation of the Wastewater Treatment Plant for the month of December 2024. I will submit future progress reports on a monthly basis for your review. All information and data used to compile this report is available for your review. If you have any questions, please email me at, tsmith@portland-michigan.org.

Sincerely,

A handwritten signature in blue ink, appearing to read 'T Smith', written over a horizontal line.

Tony Smith

City of Portland WWTP Superintendent

● ADMINISTRATIVE REPORT

-The December 2024 Discharge Monitoring Report (DMR) was submitted to the Michigan Department of Environment, Great Lakes and Energy (EGLE). The average influent flow was 276,000 gallons per day. The daily maximum flow was 310,000 GPD. The WWTP discharged a total of 7.151 MG (million gallons) of final effluent to the Grand River for the month of November and treated a total of 8.569 MG (million gallons) of influent (raw wastewater). The Monthly Operating Report (MOR) is included in this report.

-The City of Portland WWTP Permit is set to expire in the spring of 2025, the renewal application was submitted to EGLE for review and approval before the October 1st deadline. Also, the No Exposure Certification (NEC) for stormwater was submitted before the November deadline.

● Action Items

-The WWTP staff continues to work with contractors to dial in the automated control features with the new equipment upgrades. The 3 main automated features include Sludge withdrawal, sludge thickening and sludge transfer. The recent cold weather forced plant staff to build a temporary cover over the WAS (waste activated sludge) well. The temps and wind froze the automated valving used to waste sludge from the final clarifiers. The piping was also wrapped with heat tape and insulation to prevent this from happening again this winter.

- The WWTP is exploring the option of pressing and Landfilling Bio-Solids opposed to Land Application. We have received quotes for total cost associated with Pressing the Bio-Solids. An annual cost of \$80,000 would include Mobilization and demobilization of a Mobil belt press, hauling cost for transport of Bio-solids to the landfill, all required sampling of bio-solids (PFOS, PFOA, Heavy Metals and Fecal coliform). Landfilling of Bio-solids is great alternative for Portland for a few reasons. One reason is we now have the storage capacity for 12-16 months of biosolids. Previously the WWTP had 3-4 months storage capacity so the only option was land applying 3-4 times annually. We have had issues with Contractors ignoring Table limit requirements for copper and tracking CPLR (Cumulative Pollutant Loading) sites properly. There are very few Land Applier Contractors in the State of Michigan (2). The estimated time to cake press 500,000 gallons of sludge to 20% would be 5-7 days. The dewatered filtrate would be slowly put back to the plant for further treatment. The WWTP would need to have a 100-amp service and disconnect added to accommodate the portable Belt Press. It would be best to provide our own power supply as opposed to renting a generator annually.

- Demo of the I03 Grand River has taken place. Due to the delays in the project and the timing of seasons, progress on the River Crossing Bore project will likely be delayed until springtime.

-Plant operators will continue to work towards their licensing in 2025.

- City Staff along with F&V and contractors continue to work through the items remaining on the punch list, pipe labeling, flow direction and signage along with some crack injection of a few trouble spots remain. F&V and Plant staff will due a walkthrough this spring when we get closer to the startup year anniversary.

-Starting in January 2025, WWTP staff will be switching over from Hippo CMMS to Maintain X. Maintain X will better allow staff to track equipment maintenance frequency, parts inventory, cost and vender information. This will be a great asset management tool.

WASTEWATER MAINTENANCE

-The WWTP staff completed 144 preventative maintenance work orders from our HIPPO computerized maintenance program (CMMS).

-The WWTP staff pulled and cleaned the Ultra-Violet disinfection racks less frequently in December, as the fecal coliform counts are trending in the right direction.

-Plant staff with the use of the Gap-Vac truck cleaned over 4,000 ft of sewer main for the month of November.

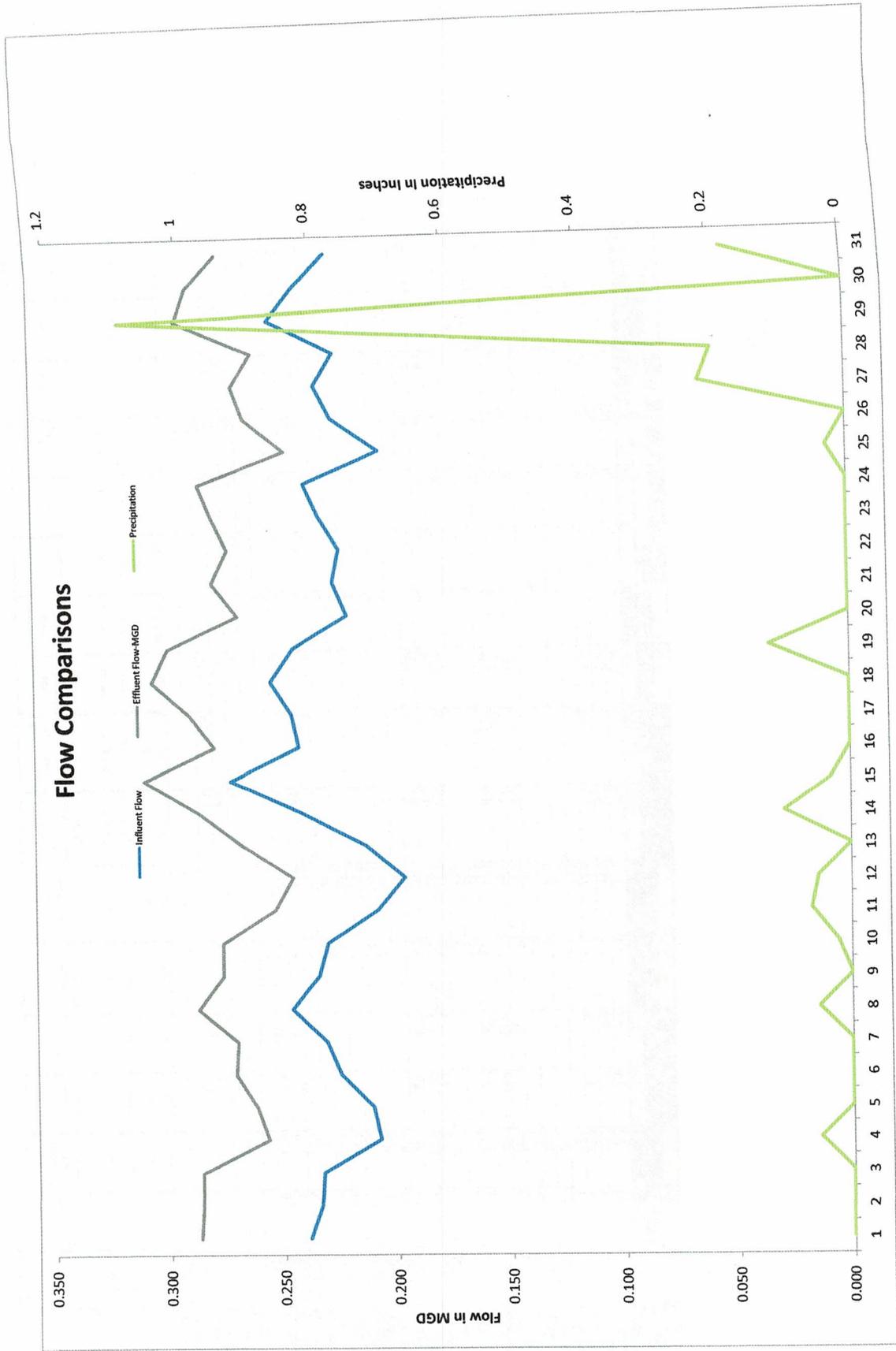
- **EMERGENCY ALARM CALL-OUTS**

-There was 2 after hours call outs for the month of December 2024. Both occurred on Christmas Eve as a result of "Flushable Wipes" building up and restricting the flow of the sanitary sewer main. Both issues were resolved with the use of the cities Gap Vac sewer truck. I would like to remind the community that the issues caused by these flushable wipes are becoming more frequent. They cause issues throughout the city and wreak havoc on the equipment at the WWTP. City staff also performed 2 sewer lateral inspections for residents having issues.

- **DAILY FLOW SUMMARY**

The wastewater flow was monitored using the facility's influent and effluent flow meters. The chart below shows the flow readings for the month of December 2024. The average influent flow during this period was 276,000 gallons per day and the average effluent flow during this period was 231,000 gallons per day. We had (13) days with measurable precipitation which totaled 2.2 inches. The influent flow is higher than the effluent flow due to solids removal and due to recycle flows which are measured twice.

Flow Comparisons



December 2024

FINAL EFFLUENT

DAY	CBOD -5					T.S.S					V.S.S			TOTAL PHOSPHORUS			pH	DO	FECAL		AMMONIA	
	mg/l	mg/l	lbs/day	lbs	%	mg/l	mg/l	lbs/day	lbs	%	mg/l	mg/l	lbs/day	%	su	mg/l	cts/100 ml	7-day	mg/l	lbs/day		
	7-day	7-day	7-day	7-day	Rem.	7-day	7-day	7-day	7-day	Rem.	7-day	7-day	7-day	Rem.				GEO				
	Avg	Avg	Avg	Avg		Avg	Avg	Avg	Avg		Avg	Avg	Avg									
1																						
2																						
3	5.2		12.4		99	8.4		20.0		98	7.2		0.342	0.7	96	7.3	6.3	2				
4	4.0		8.6		99	5.0		10.7		98	4.2		0.473	0.8	93	7.3	6.6	2				
5	4.5		9.8		99	4.8		10.5		99	2.6		0.779	1.4	87	7.3	6.7	10				
6																						
7		4.6		10.3			6.1		13.7											3		
8	7.1	5.2	17.0	12.0	98	4.2	5.6	10.1	12.8	98	2.6		1.160	2.4	83	7.4	5.3	2		3		
9	6.6	5.5	15.2	12.6	98	5.2	5.5	12.0	12.7	99	4.4		0.969	1.9	86	7.3	5.7	2		3		
10	5.6	5.6	12.9	12.7	99	9.1	5.7	20.9	12.8	98	5.4		0.762	1.5	90	7.1	5.4	4		3		
11		6.0		13.7			5.8		13.4											4		
12		6.4		15.0			6.2		14.3											3		
13		6.4		15.0			6.2		14.3											3		
14		6.4		15.0			6.2		14.3											3		
15		6.1		14.0			7.2		16.5											3		
16		5.6		12.9			9.1		20.9											4		
17	6.1	6.1	14.8	14.8	98	8.3	8.3	20.1	20.1	99	5.0		0.657	1.3	93	7.3	5.8	25		25		
18	6.7	6.4	17.1	15.9	99	8.6	8.5	21.9	21.0	98	5.4		0.461	1.0	94	6.6	5.6	4		10		
19	3.8	5.5	9.5	13.8	99	4.7	7.2	11.7	17.9	99	3.3		0.329	0.7	96	6.9	6.5	1		5		
20		5.5		13.8			7.2		17.9											5		
21		5.5		13.8			7.2		17.9											5		
22	6.0	5.7	13.6	13.7	98	8.9	7.6	20.2	18.5	97	6.0		1.140	2.1	85	7.0	6.5	1		3		
23	4.2	5.4	9.8	12.9	99	10.3	8.2	23.9	19.6	97	4.3		0.905	1.7	88	7.4	6.3	1		3		
24	5.2	5.2	12.3	12.5	99	6.3	7.8	14.9	18.5	99	4.9		0.974	1.9	87	7.1	6.2	1		1		
25		4.8		11.3			7.6		17.7											1		
26		5.1		11.9			8.5		19.7											1		
27		5.1		11.9			8.5		19.7											1		
28		5.1		11.9			8.5		19.7											1		
29	5.6	5.0	13.7	11.9	99	7.7	8.1	18.8	19.2	98	6		1.010	2.1	89	7.4	5.9	1		1		
30	4.1	5.0	9.8	12.0	99	3.6	5.9	8.6	14.1	99	2.2		0.661	1.3	89	7.1	6.9	2		1		
31	5.1	4.9	11.7	11.7	98	2.8	4.7	6.4	11.3	99	2		0.592	1.1	89	6.8	6.4	2		2		
M/M																						
TL																						
GA																						
ME	5.3		12.5		99	6.5		15.4		98	4.4		0.75	1.5	90		6.1	2.3		####		
WGA																						
WA																						
M/M = Maximum/Minium; TL = Total; GA = Geometric Average; ME = Mean Average; WGA = Weighted Geometric Average; WA = Weighed Avg.																						
REMARKS:																						

Total pounds are the multiplication of the monthly average by the number of days in the month.

City of Portland, MI

December 2024

- 1. Clear 4. Rain..
- 2. P. Cloudy 5. Snow
- 3. Cloudy 6. Windy

RAW INFLUENT

DAY	WEATHER		FLOW DATA						TEMP	PH	CBOD - 5 Day		TSS		V.S.S	TOTAL		Day
	Type	Precip	Total	Total		Peak	Min	PHOSPHORUS										
			Influent	7-day	Effluent	7-day					mg/l	lbs/day	mg/	lbs/day		mg/l	lbs/day	
	Code	Inches	mgd	Avg	mgd	Avg	mgd	mgd			°C	SU	mg/l	lbs/day		mg/l	lbs/day	
1	3,7	0	0.287		0.239		0.64	0.27										1
2	2,7	0.00	0.286		0.234		0.54	0.28										2
3	27	0.00	0.286		0.233		0.55	0.30	15.3	8.0	413	985	456	1088	352	8.0	19	3
4	2,5,7	0.05	0.257		0.208		0.45	0.29	14.9	8.1	383	821	324	694	296	7.2	15	4
5	2,3,7	0.00	0.262		0.211		0.47	0.27	14.9	8.1	430	940	324	708	292	5.9	13	5
6	2,7	0.00	0.271		0.225		0.50	0.22										6
7	1,7	0.00	0.270	0.274	0.231	0.226	0.54	0.35										7
8	234	0.05	0.287	0.233	0.246	0.193	0.54	0.26	15.5	7.9	408	977	248	594	196	6.9	16	8
9	2,3	0.00	0.276	0.273	0.234	0.227	0.55	0.25	16.2	8.0	353	813	436	1004	392	6.8	16	9
10	35	0.02	0.276	0.271	0.230	0.226	0.57	0.26	16.1	8.0	387.5	892	400	921	316	7.8	18	10
11	2358	0.06	0.253	0.271	0.208	0.226	0.46	0.23										11
12	2,3,5,7	0.05	0.245	0.268	0.196	0.224	0.43	0.25										12
13	3,7	0.00	0.267	0.268	0.213	0.223	0.45	0.31										13
14	3,4,7	0.10	0.286	0.270	0.241	0.224	0.60	0.27										14
15	3,4	0.03	0.310	0.273	0.272	0.228	0.63	0.26										15
16	1,2	0.00	0.279	0.274	0.242	0.229	0.57	0.29										16
17	2,3	0.00	0.290	0.276	0.245	0.231	0.61	0.29	15.8	8.1	352.5	853	596	1441	344	9.8	24	17
18	2	0.00	0.306	0.283	0.254	0.238	0.56	0.29	13.8	7.2	630	1608	400	1021	248	8.1	21	18
19	3,5,7	0.12	0.299	0.291	0.244	0.244	0.54	0.33	10.1	7.4	477.5	1191	364	908	272	8.7	22	19
20	37	0.00	0.268	0.291	0.220	0.245	0.50	0.25										20
21	127	0.00	0.279	0.290	0.226	0.243	0.55	0.25										21
22	2,7	0.00	0.272	0.285	0.223	0.236	0.54	0.34	12.9	7.2	395	896	348	789	284	7.6	17	22
23	37	0.00	0.279	0.285	0.232	0.235	0.55	0.30	14.5	8.0	380	883	332	772	216	7.8	18	23
24	237	0.00	0.284	0.284	0.238	0.234	0.76	0.30	14.8	7.5	530	1257	464	1101	392	7.6	18	24
25	347	0.03	0.246	0.275	0.205	0.227	0.48	0.29										25
26	37	0.00	0.264	0.270	0.225	0.224	0.55	0.31										26
27	348	0.22	0.269	0.270	0.233	0.226	0.61	0.29										27
28	347	0.20	0.260	0.268	0.224	0.226	0.57	0.30										28
29	3478	1.09	0.293	0.271	0.253	0.230	0.60	0.30	14.5	8.0	380	929	368	899	296	9.1	22	29
30	2	0.00	0.288	0.272	0.241	0.231	0.55	0.25	14.1	7.9	335	805	404	970	320	6.3	15	30
31	3,4,5	0.18	0.274	0.271	0.226	0.229	0.50	0.33	12.9	7.2	303	692	280	640	244	5.2	12	31
TL		2.20	8.569		7.151		16.96	8.78	216.3	116.6								
MAX																		
ME		0.07	0.276		0.231		0.55	0.28	14.4	7.8	411	1009	383	903	297	7.5	18	
REMARKS:																		

City of Portland, MI

December 2024

ACTIVATED SLUDGE

DAY	Aeration Volume KCF	Detent. Time Hours	CRT Days	Organic Loading F/M	DO W	DO E	AIR SUPPLY CuFt./D	WAS gal	WAS lbs	Air Volume
1	24	15.0	0.0		5.1	3.4	1.44	3.49	0	10
2	24	15.0	0.0		5.2	2.9	1.44	3.49	0	10
3	24	15.0	0.0		3.7	3.4	1.44	3.49	0	10
4	24	16.7	0.0		4.9	3.1	1.44	3.49	0	10
5	24	16.4	0.0		4.8	1.9	1.44	3.43	0	10
6	24	15.9	0.0		5.9	3.9	1.44	3.49	0	10
7	24	15.9	0.0		6.9	4.4	1.44	3.50	0	10
8	24	15.0	0.0		6.9	4.0	1.44	3.50	0	10
9	24	15.6	0.0		6.4	3.4	1.44	3.50	0	10
10	24	15.6	0.0		5.1	2.7	1.44	3.50	0	10
11	24	17.0	0.0		7.2	3.5	1.44	5.24	0	10
12	24	17.5	0.0		7.8	3.5	1.44	0.00	0	10
13	24	16.1	0.0		7.7	3.2	1.44	3.50	0	10
14	24	15.0	0.0		7.5	2.6	1.44	3.49	0	10
15	24	13.9	0.0		7.3	1.9	1.44	3.50	0	10
16	24	15.4	0.0		5.8	3.3	1.44	2.00	0	10
17	24	14.8	0.0		5.5	3.1	1.44	3.00	0	10
18	24	14.0	0.0		4.4	2.3	1.44	3.00	0	10
19	24	14.4	0.0		4.4	2.8	1.44	3.50	0	10
20	24	16.0	0.0		2.9	1.7	1.44	3.50	0	10
21	24	15.4	0.0		9.1	5.7	1.44	3.50	0	10
22	24	15.8	0.0		6.4	4.8	1.44	3.50	0	10
23	24	15.4	0.0		6.5	4.3	1.44	3.50	0	10
24	24	15.1	0.0		6.26	4.1	1.44	4.42	0	10
25	24	17.4	0.0		6.25	3.9	1.44	5.00	0	10
26	24	16.3	0.0		6.09	3.8	1.44	5.00	0	10
27	24	16.0	0.0		3.71	2.5	1.44	5.00	0	10
28	24	16.5	0.0		6.2	3.9	1.44	5.00	0	10
29	24	14.7	0.0		5.87	3.6	1.44	5.00	0	10
30	24	14.9	0.0		5.51	3.6	1.44	4.99	0	10
31	24	15.7	0.0		5.75	3.7	1.44	4.99	0	10
TL								115.50	0	
ME	24	15.6	#DIV/0!	#DIV/0!	6	3.4	1.44	3.73	0	
REMARKS:										

Total lbs are figured by multiplying the monthly average by the number of days in the month.

PORTLAND WWTP DAILY DISCHARGE MONITORING REPORT

PERMIT NUMBER: MIG570220
 DISTRICT: West Michigan
 COUNTY: Ionia
 MONITORING POINT: 001A
 MONITORING PERIOD: Dec-24

PERMITTEE NAME: City of Portland WWTP
 MAILING ADDRESS: 259 Kent St.
 FACILITY: Portland WWTP
 LOCATION: Portland, MI 48875

PARAMETER	Flow	Total Suspended Solids 7 Day Ave	Total Suspended Solids lbs. Ave	Total Suspended Solids	Carbonaceous Biochemical Oxygen Demand 7 Day Ave	Carbonaceous Biochemical Oxygen Demand 7 Day Ave	Carbonaceous Biochemical Oxygen Demand (CBO5)	Carbonaceous Biochemical Oxygen Demand (CBO5)	Total Phosphorus (as P)	Fecal Coliform 7 Day Geo	Fecal Coliform	CBO5	Total Suspended Solids	PH MIN	PH MAX	Dissolved Oxygen	
NAME	UNIT	mg/l	lbs.	mg/l	lbs.	mg/l	mg/l	lbs.	mg/l	cfu/100 ml	cfu/100 ml	Percent Removal	Percent Removal	S.U.	S.U.	mg/l	
1-Dec-24	0.287																
2-Dec-24	0.286																
3-Dec-24	0.286			8.4	20.0		5.2	12.4	0.34			2	99	400	400.00	300	
4-Dec-24	0.257			5	10.7		4.0	8.6	0.47			2	99	400	400.00	300	
5-Dec-24	0.262			4.8	10.5		4.5	9.8	0.78			10	99	400	400.00	300	
6-Dec-24	0.271																
7-Dec-24	0.270	6.1	13.7			4.6				3							
8-Dec-24	0.287	5.6	12.8	4.2	10.1	5.2	12.0	7.1	1.16	3	2	98	98	7.3	7.3	7.3	6.3
9-Dec-24	0.276	5.5	12.7	5.2	12.0	5.5	12.6	6.6	0.97	3	2	98	98	7.3	7.3	7.3	5.7
#####	0.276	5.7	12.8	9.1	20.9	5.6	12.7	5.6	0.76	3	4	99	99	7.1	7.1	7.1	5.4
#####	0.253	5.8	13.4			6.0	13.7			4							
#####	0.245	6.2	14.3			6.4	15.0			3							
#####	0.267	6.2	14.3			6.4	15.0			3							
#####	0.310	7.2	16.5			6.1	14.0			3							
#####	0.279	9.1	20.9			5.6	12.9			4							
#####	0.290	8.3	20.1	8.3	20.1	6.1	14.8	6.1	14.8	25	25	98	98	7.3	7.3	7.3	5.8
#####	0.306	8.5	21.0	8.6	21.9	6.4	15.9	6.7	17.1	10	4	99	99	6.6	6.6	6.6	5.6
#####	0.299	7.2	17.9	4.7	11.7	5.5	13.8	3.8	9.5	5	1	99	99	6.9	6.9	6.9	6.5
#####	0.268	7.2	17.9			5.5	13.8			5							
#####	0.279	7.2	17.9			5.5	13.8			5							
#####	0.272	7.6	18.5	8.9	20.2	5.7	13.7	6.0	13.6	3	1	98	97	7	7	7	6.5
#####	0.279	8.2	19.6	10.3	23.9	5.4	12.9	4.2	9.8	3	1	99	99	7.4	7.4	7.4	6.3
#####	0.284	7.8	18.5	6.3	14.9	5.2	12.5	5.2	12.3	1	1	99	99	7.1	7.1	7.1	6.2
#####	0.246	7.6	17.7			4.8	11.3			1							
#####	0.264	8.5	19.7			5.1	11.9			1							
#####	0.269	8.5	19.7			5.1	11.9			1							
#####	0.260	8.1	19.2	7.7	18.8	5.0	11.9	5.6	13.7	1	1	99	98	7.4	7.4	7.4	5.9
#####	0.283	8.1	19.2	3.6	8.6	5.0	12.0	4.1	9.8	1	2	99	99	7.1	7.1	7.1	6.9
#####	0.288	5.9	14.1	2.8	6.4	4.9	11.7	5.1	11.7	2	2	98	99	6.8	6.8	6.8	6.4
#####	0.274	4.7	11.3	6.5	15.4					2	2	99	99	6.6	6.6	6.6	5.3
Average	0.276			6.5	15.4			5.3	12.5	0.75							
MIN	0.245			21.0		6.4	15.9		1.16	25							
MAX	0.310			9.1		6.4	15.9		1.16	25							7.4

December 2024

MISCELLANEOUS DATA

DAY	OUTFALL OBSERVATION	GRIT	NAT. GAS	ELECT. WWTP	ELECT. Riverside Lift Stat.	ELECT. Canal Lift Stat.	ELECT. Cutler Lift Stat.	FERRIC CHLORIDE
	yes/no	cf	cf	kwh	kwh	kwh	kwh	lbs
SF				1				
1	n		3900	232	75	67	98	241
2	n	40.5	4700	248				241
3	y		4700	264	32	28	38	268
4	y		4900	304				241
5	y		4900	264	34	28	45	215
6	y		4400	248				215
7	n		3900	272				215
8	y		2900	240	44	42	54	215
9	y		3200	272				268
10	y	40.5	3600	280	29	26	33	295
11	y		4600	280				268
12	n		5700	288	37	29	46	268
13	n		5200	240				268
14	n		4600	256				268
15	n		3400	240	47	42	62	268
16	n		3100	256				268
17	y	40.5	4100	232	25	24	30	268
18	y		3300	256				268
19	y		5500	248	31	28	41	241
20	y		4800	256				201
21	n		5300	232				201
22	y		4900	248	52	41	65	228
23	y	40.5	4200	264				241
24	y		4200	256				241
25	y		3800	280				241
26	n		4100	304				241
27	n		2200	200				241
28	n		3100	264				241
29	y		3800	272				241
30	y	40.5	3400	240				255
31	y		3900	240	131	127	162	255
TL		202.5	128300.0	7976	537	482	674	7626
ME		40.5	4139	257	49	44	61	246
REMARKS:								

Total lbs are figured by multiplying the monthly average by the number of days in the month.

Plant Manager: Tony Smith

City of Portland, MI

December 2024

DIGESTER BIOSOLIDS

SF DAY	RAW SLUDGE						BIOSOLIDS						
	Amt.	Percent	Digester	Digester	PH	TEMP.	SLUDGE	PH	T. S.	V. S.	VA/TA	VOLATILE	GAS
	Pumped gal	Total Solids	% Vol. Solids	Loading lbs/1000 cuft.		C.	TEMP. C.		%	%	RATIO	SOLIDS REDUCTION	Produced CuFt X 100
1	#REF!												
2	#REF!	3.1	61.7		7.0	15.9	13.0	7.5	3.6	64			
3	#REF!	3.1	61.7	#REF!	7.0	15.9	12.5	7.6	4.6	64.8			
4	#REF!												
5	#REF!												
6	#REF!												
7	#REF!												
8	#REF!												
9	#REF!												
10	#REF!			#REF!									
11	#REF!												
12	#REF!												
13	#REF!												
14	#REF!			#REF!									
15	#REF!												
16	#REF!												
17	#REF!			#REF!									
18	#REF!	3	64.7		7.5	8.9	9.5	7.5	4.2	65.6			
19	#REF!	3	64.3		7.5	12.3	9.7	7.5	6.5	66.1			
20	#REF!	3	64						4	62			
21	#REF!			#REF!									
22	#REF!												
23	#REF!												
24	#REF!			#REF!									
25	#REF!												
26	#REF!												
27	#REF!												
28	#REF!			#REF!									
29	#REF!												
30	#REF!												
31	#REF!			#REF!									
TL	#REF!												0
ME	#REF!	3.0	63	#REF!	7.3	13.3	11.2	7.5	4.6	65		#DIV/0!	#DIV/0!
REMARKS:		Loading Rate = .02 -.10 lb/cu. ft.											

Digester Volume:
 Primary: 14700
 Secondary: 14700

Process Pattern:
 Primary, Secondary, Land Application

City of Portland, MI

December 2024

SOLIDS DISPOSAL

DAY	SUPERNATANT								BIOSOLIDS DISPOSAL				SITE #
	AMT.		PH	TOTAL	VOL.	SUSP.	Phosp.	PHOSP.	SOLIDS	AMOUNT	TOTAL	VOL.	
				SOLIDS	SOLIDS	SOLIDS			TO BED	HAULED	SOLIDS	SOLIDS	
	gal.	SST-GAL		%	%	mg/l	mg/l	lbs	lbs	gal	%	%	
1	18868.2	0							0.0				
2	0	0							0.0				
3	0	0							0.0				
4	0	0							0.0				
5	0	0							0.0				
6	0	0							0.0				
7	0	0							0.0				
8	0	0							0.0				
9	0	0							0.0				
10	0	0							0.0				
11	0	0							0.0				
12	0	0							0.0				
13	0	0							0.0				
14	0	0							0.0				
15	0	0							0.0				
16	0	0							0.0				
17	1854.84	0							0.0				
18	0	0							0.0				
19	0	0							0.0				
20	0	0							0.0				
21	0	0							0.0				
22	0	0							0.0				
23	0	0							0.0				
24	0	0							0.0				
25	0	0							0.0				
26	0	0							0.0				
27	0	0							0.0				
28	0	0							0.0				
29	0	0							0.0				
30	0	0							0.0				
31	0	0							0.0				
TL	1854.84	0		1854.84					0.0	0			
ME													

Supernatant to drying beds or storage tank and cycled back to plant headworks.
 Biosolids to farm land and landfill.

Sludge Storage Tank

December 2024

Day	Start Level	End Level	Sludge Intake
1			0
2	103.1	112.85	11700
3	112.9	122.05	10980
4			0
5			0
6			0
7			0
8			0
9			0
10			0
11			0
12			0
13			0
14			0
15			0
16			0
17			0
18	121.8	130.35	10260
19	130.5	139.5	10800
20	139.4	144.55	6180
21			0
22			0
23			0
24			0
25			0
26			0
27			0
28			0
29			0
30			0
31			0
Total			49920

SST-1200 gallons per inch

DETENTION & CRT

