

NOTICE OF MEETINGS
DRAINAGE BOARD FOR THE FOLLOWING DRAINS:

1. Drainage District Policy
2. George W. Kuhn Drain
3. Huron Rouge Sanitary Drain
4. Clinton River Water Resource Recovery Facility
5. Bloomfield Village CSO Drain
6. Mainland Drain
7. Rufe Collier Drain
8. Joseph Jones Drain
9. Luz Relief Drains
10. Augusta Drain
11. Evergreen-Farmington Sanitary Drain

NOTICE IS HEREBY GIVEN THAT MEETINGS OF THE DRAINAGE BOARD FOR THE ABOVE-MENTIONED DRAINS WILL COMMENCE IN THE OAKLAND COUNTY PUBLIC WORKS BUILDING, ONE PUBLIC WORKS DRIVE, WATERFORD, MICHIGAN, AND VIA **MICROSOFT TEAMS** AT 2 P.M., ON **TUESDAY, SEPTEMBER 22, 2026**, TO CONDUCT NECESSARY AND APPROPRIATE BUSINESS OF THE DRAINAGE BOARDS. THOSE WHO WISH TO PARTICIPATE REMOTELY MAY FOLLOW THE INSTRUCTIONS ATTACHED TO THIS NOTICE. ALL BOARD MEMBERS WILL BE PARTICIPATING IN-PERSON.

DURING THE MEETING, THERE WILL BE AN AGENDA ITEM FOR PUBLIC COMMENT, DURING WHICH THE PUBLIC MAY PROVIDE INPUT OR ASK QUESTIONS OF THE BOARD. IN THE EVENT A MEMBER OF THE PUBLIC WOULD LIKE TO SUBMIT THEIR INPUT OR QUESTIONS TO BE READ AT THE MEETING BY THE BOARD CHAIRPERSON, PLEASE PROVIDE THE INPUT OR QUESTIONS IN WRITING TO MEL TODD AT TODDM@OAKGOV.COM. PERSONS WITH DISABILITIES WHO NEED ASSISTANCE PARTICIPATING IN THE MEETING SHOULD CONTACT MEL TODD AT TODDM@OAKGOV.COM.

JIM NASH
Oakland County Water Resources Commissioner
Telephone: 248-858-0958

Posted by: September 18, 2026

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1. Drainage District Policy

AGENDA

DRAINAGE BOARD FOR POLICY MATTERS

September 22, 2026

1. Call meeting to order
2. Approve meeting agenda for September 22, 2026
3. Approve minutes of meeting of December 16, 2025
4. Public Comments
5. Present Gallagher Proposal of Insurance and Resolution
6. Present 2027 Meeting Dates and Deadlines
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR POLICY MATTERS**

December 16, 2025

A meeting of the Drainage Board for Policy Matters was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 16th day of December 2025.

The meeting was called to order by Chairperson Jim Nash

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: None

Minutes of the meeting held September 23, 2025, were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

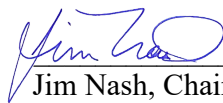
A proposal from Gallagher Insurance regarding property coverage renewal was presented. It was moved by Markham, supported by Woodward, to authorize the Chairperson to bind coverage in accordance with the insurance proposal recommendations from Gallagher Insurance Agency and approve payment of any premium and/or other invoices associated with the policy renewals.

ADOPTED: Yeas - 3
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

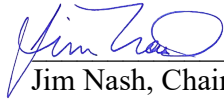


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for Policy Matters, Oakland County, Michigan, held on the 16th day of December 2025, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for Policy Matters.



Jim Nash, Chairperson

Dated: December 16, 2025



Proposal of Insurance for Pollution Liability Coverage Oakland County Water Resources Commissioner (Intra-County Drains Drainage Districts)

Building 95 West, One Public Works Dr.
Waterford, MI 48328

Presentation Date: September 22nd, 2026

Arthur J Gallagher Risk Management Services, LLC
AJG License Nos. IL 100292093 / CA 0D69293



Gallagher

Insurance | Risk Management | Consulting

Location Schedule

Chapter	Drain Name	Date in Service	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
04	Allen Drain	1/1/1898	Storm	89.8	9537		9,752.8
04	Arthur Drain	1/1/1921	Storm	386.7	11528.7		12,018.0
04	Axford Drain	5/1/1916	Storm				4,904.0
04	Bald Eagle Lake Drain	5/23/1929	Storm		282		1,716.6
04	Bartlett Drain	1/1/1894	Storm		7616		8,016.0
04	Birdsland Drain	1/1/1939	Storm				6,145.5
04	Blackwood Drain	10/2/1903	Storm	170	16178.5		16,603.5
04	Bloomfield Highland Drain	5/27/1916	Storm				3,146.5
04	Boyd Drain	1/1/1944	Storm		1244		6,057.5
04	Brandon-Oxford Drain	1/1/1915	Storm	454	33304		34,275.0
04	Brown Drain	1/1/1906	Storm	215	10514.5		10,877.5
04	Campbell No. 2 Drain	1/1/1929	Storm	435.1			7,088.1
04	Chatfield Drain	1/1/1898	Storm	174	2938		3,132.0
04	Clarenceville Drain	1/1/1903	Storm				3,946.0
04	Clark Drain	1/1/1903	Storm	258	7733		8,838.0
04	Clawson Drain	1/1/1919	Combined				2,430.0
04	Courter Drain	1/1/1917	Storm	375.5	2673		3,951.5
04	Craft Drain	1/1/1903	Storm	483	9983		10,466.0
04	De Conick Drain	1/1/1917	Storm				5,238.9
04	Drahner Drain	4/21/1915	Storm	42	2911		4,207.0
04	Drayton Plains Drain	3/1/1921	Storm	64	7354		9,943.0
04	Dry Run Drain	5/11/1907	Storm	586	10886		11,628.0
04	Dutton Drain	1/1/1916	Storm	278	13110		14,928.0
04	Evans Drain	1/1/1903	Storm				2,372.0
04	Ferry Drain	1/1/1904	Storm	707	9753		10,460.0
04	Fetterly Drain	1/1/1945	Storm	30	3191		3,769.0
04	Five Points Drain	1/1/1904	Storm				1,358.7
04	Four Towns Drain	1/1/1886	Storm	20	11783		11,977.0
04	Francis Drain	1/1/1898	Storm	309.1	4724.6		5,987.1
04	Frost Drain	1/1/1914	Storm		5387.1		5,387.1
04	Galloway Drain	1/1/1918	Storm	1174	17714		19,014.0
04	Galloway Lake Farms Drain	1/1/1949	Storm		264		8,457.0
04	Garner Drain	1/1/1918	Storm	97	9198		9,308.0
04	Graves Drain	4/2/1904	Storm	95	3635		3,969.0
04	Greenaway Drain	1/1/1945	Storm	359.3	5624.8		7,520.6
04	Hawthorne Drain	1/1/1914	Storm	30	3372		5,012.7
04	Hazel Drain	6/2/1922	Storm			49	12,151.7
04	Holden Drain	1/1/1919	Storm	10	9841		10,035.0
04	Honeywell Drain	1/1/1909	Storm	123.1	6473.1		6,596.2
04	Houghten Drain	1/1/1946	Storm	2836	7609		16,561.0
04	Kent Drain	1/1/1908	Storm	96	9927		10,037.0
04	Kemp Drain	1/1/1924	Storm	801.5	1284.5		3,401.3
04	Krohn Drain	7/20/1909	Storm	191	17548		17,993.0
04	Ladd Drain	1/1/1909	Storm		3660		3,976.9
04	Lane Drain	1/1/1903	Storm	327			563.0
04	Lyon No. 1 Drain	1/1/1906	Storm	147	6144		7,046.0
04	Maynard Drain	1/1/1941	Storm		1134		2,401.5
04	Mc Clure Drain	12/14/1918	Storm		8640		8,811.0
04	New Hudson No. 1 Drain	1/1/1905	Storm	108	18129		19,029.0
04	Norton Drain	2/7/1912	Storm	875.5	53833.5	70	54,844.0



Oakland County Water Resources Commissioner (Intra-County Drains Drainage Districts)

Location Schedule

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
04	Novi and Lyon Drain	1/1/1891	Storm	419	34302	24	35,516.0
04	Oak Knob Drain	3/28/1923	Storm				1,473.0
04	Oakland Hills Orchards Drain	2/14/1943	Storm				2,108.1
04	Otter Drain	1/1/1920	Storm	161	3613	74	4,743.0
04	Oxford Avenue Drain	1/1/1926	Storm	49			1,675.0
04	Paint Creek Drain	1/1/1918	Storm	861.5	70753		73,932.0
04	Patterson-Holly Drain	1/1/1893	Storm	1181.98	16179.02		28,876.3
04	Patton Drain	2/5/1916	Storm	290	1647	147	4,075.0
04	Pearl Street Drain	6/20/1925	Storm				484.0
04	Perry Drain	3/30/1919	Storm	165.5	5232.3		5,397.8
04	Pontiac Creek Ext. Drain	1/1/1949	Storm	665.3	10031		12,795.2
04	Prince Drain	5/10/1919	Storm	236	2962		6,463.0
04	Reid & Branch Drain	2/7/1910	Storm	307	11144		12,893.0
04	Renshaw Drain	1/1/1911	Storm	97	3364		3,564.0
04	Sayre Drain	5/18/1916	Storm	627	6042		7,288.0
04	Shuler Drain	1/1/1919	Combined				2,446.0
04	Swartz Creek Drain	1/1/1895	Storm	174	18914		19,088.0
04	Swartz Creek No. 2 Drain	1/1/1895	Storm	27	7608		7,635.0
04	Seeley Drain	1/1/1903	Storm	673	19790		21,636.0
04	Shanahan Drain	1/1/1903	Storm	584	6287		11,523.0
04	Shoup Drain	5/27/1909	Storm	344.8	6365.1		6,882.0
04	Sibley Drain	5/4/1904	Storm	210	2332		3,381.0
04	Silvercrest Drain	1/1/1944	Storm	121			2,733.0
04	Sinclair Drain	1/1/1923	Storm				2,174.0
04	Sinking Bridge Drain	1/1/1914	Storm	180	12436		13,276.0
04	Sir Drain	1/1/1942	Storm	787	4894		5,681.0
04	Southfield Storm Sewer Drain No. 1	1/1/1928	Combined				4,127.7
04	South Lyon No. 1 Drain	1/1/1903	Storm	212	5635		7,527.9
04	Spencer Drain	1/1/1906	Storm	31	6611		9,356.0
04	Sprague Drain	1/1/1903	Storm	1011	10327.2		12,732.3
04	Sturgis Drain	1/1/1903	Storm	557	20013	13	21,163.0
04	Sunken Bridge Drain	1/1/1906	Storm	200	8916.3		9,258.3
04	A. J. Taylor Drain	9/18/1902	Storm	62	11504		11,972.5
04	Taylor-Ladd Drain	1/1/1900	Storm		15056		18,466.0
04	Tiffany & Smith Drain	1/1/1911	Storm	298	4109		4,459.0
04	Townline Drain	1/1/1949	Storm	361	11941.4		13,961.8
04	Tulane Drain	3/1/1943	Storm				674.0
04	US-16 Drain	7/28/1937	Storm				5,197.8
04	Ward Drain	2/26/1920	Storm				1,913.4
04	Wessinger Drain	1/1/1917	Storm				0.0
04	West End Drain	1/1/1923	Storm	846			20,089.0
04	White and Duck Lake Drain	1/1/1886	Storm	107.5	602.09		2,474.8
04	Wilson Drain	1/1/1891	Storm				3,492.0
04	Woolman & Wells Drain	7/7/1906	Storm	103	19103		19,473.0
04	Wrey Drain	1/1/1895	Storm	28.5			1,587.4
04	Yerkes Drain	8/26/1904	Storm	291	19889		20,895.0
04	Tuttle Drain	8/9/1944	Storm				1,614.0
04	Lochaven Drain	9/5/1946	Storm	102	14013	21	14,653.0
04	Van Maele Drain		Storm				
04	Swan Drain	1/1/1948	Storm	787	958		2,824.0

Oakland County Water Resources Commissioner (Intra-County Drains Drainage Districts)

Location Schedule

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
04	Sherman Drain	1/1/1952	Storm		401		4,346.9
04	Tildden Drain	6/9/1947	Storm	7			3,735.0
04	Josephine Drain (in POC)	6/9/1947	Storm	295			1,339.0
04	Linden Drain	6/9/1947	Storm	60			388.0
04	Lower Pettibone Lake Sanitary Drain	1/1/2014	Sanitary Sewer				0.0
04	Davis Drain	1/1/1955	Storm	1024.8	7000.5		8,426.9
04	Mc Clung Drain	1/1/1951	Storm	1700	370		2,115.0
04	Clarenceville Ext. Drain	1/1/1952	Storm				1,718.0
04	Leonard Drain	1/1/1890	Storm	394	5845		8,340.0
04	Mc Ivor Drain	1/1/1955	Storm				701.0
04	Ward Orchards Drain	1/1/1958	Storm		75		5,002.8
04	Leon Drain	1/1/1954	Storm				472.0
04	Skæ Drain	1/1/1963	Storm				3,517.5
18	Drakeshire Condominium Drain	1/7/2003	Storm	74			699.0
18	Pine Lake North Drain	2/9/1989	Storm				1,902.0
18	Arbors of West Bloomfield Drain	3/16/1989	Storm				4,479.5
18	Thornberry Drain	2/16/1990	Storm				5,904.5
18	Maplewoods North Subdivision Drain	10/17/1997	Storm				5,486.5
18	Professional Village of West Bloomfield Drain	12/19/1989	Storm				2,299.8
18	Perrytown Estates County Drain	10/8/1990	Storm				1,589.0
18	Country Creek Drain	6/13/1997	Storm				19,558.9
18	Crown Center Drain	5/5/2003	Storm				417.0
18	Westwood Park County Drain	10/26/1987	Storm				673.5
18	Maple Place Woods Drain	6/2/1988	Storm				4,712.0
18	Walnut Woods Apartments Drain (inc. Branch 1/Bella Vista)	3/1/1990	Storm				1,700.5
18	Greenpointe Condo County Drain (Ph 1 & 2)	9/24/1991	Storm	163			5,575.9
18	Sherwood Creek Cluster Homes Drain	1/31/1995	Storm		18		1,787.5
18	Crossings Drain	1/15/1997	Storm	68			25,893.3
18	Bloomfield Glens Health Center County Drain	12/10/1996	Storm		200		1,737.0
18	Maple Park Office Center Drain	1/6/2003	Storm				2,058.9
18	Chimney Hill Apartments County Drain	6/19/1989	Storm				6,094.7
18	Walnut Hills West Bloomfield Drain	1/6/2003	Storm				1,204.2
18	Maple Place Condominium Drain	1/7/1991	Storm	38			2,624.5
18	Mapleridge Condominiums Drain	10/24/1990	Storm				2,123.9
18	Simsbury Condominium County Drain	6/30/2004	Storm				5,434.8
18	Ravines of West Bloomfield County Drain, The	4/24/1991	Storm				1,360.7
18	Silverbrook Villa Apts County Drain	3/6/1991	Storm	292	518		7,951.5
18	Aspen Ridge Condominium Drain	6/20/1988	Storm		150		3,749.5
18	Woodcliff on the Lake Drain	2/3/1997	Storm				3,462.1
18	Greenpointe North County Drain (Ph 3 & 4)	4/24/1991	Storm	81			6,315.3
18	Oakbrooke Condominium Drain	1/4/1996	Storm	253			1,107.0
18	Simsbury Plaza County Drain	5/21/2002	Storm				1,533.0
18	Oakland Farm County Drain	2/9/1989	Storm				18,688.8
18	West Bloomfield Ridge County Drain	6/19/1989	Storm				6,346.8
18	Autumn Ridge Estates County Drain	11/15/1989	Storm	689.7			3,479.1
18	Maple Place Villas Drain	12/14/1990	Storm	272			6,608.5
18	Royal Pointe County Drain	5/22/1989	Storm				9,155.6
18	Pilgrim Hills of West Bloomfield Twp. Drain	11/3/1989	Storm				7,392.5
18	Park Ridge Drain	7/23/2008	Storm				5,407.3
18	Fieldview Acres County Drain	6/19/1989	Storm	39			1,079.0



Location Schedule

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
18	Westbrooke Drain	8/1/1997	Storm				2,618.6
18	Meadowridge Estates Drain	1/5/1996	Storm	41			5,405.0
18	Mission Springs County Drain	2/3/1997	Storm	253.6			6,447.4
18	Stonebridge Drain	11/17/1998	Storm	61.5			7,070.1
18	Palais Le Duc Drain	10/18/1990	Storm				1,352.3
18	Halsted-Pontiac Trail Drain	1/7/2003	Storm	102.5			4,983.7
18	Lagoons of West Bloomfield Drain	5/23/2001	Storm				3,885.0
18	Southwyck Drain (Sub. No. 1 & 2)	7/10/2003	Storm		24		7,418.8
18	Whispering Woods Drain	9/18/1990	Storm				2,222.5
18	West Bloomfield Oaks Drain	10/15/1997	Storm				13,105.0
18	Hills of Oakland County Drain	12/23/2002	Storm	818			11,029.0
18	Hills of Kings Pointe Drain	12/23/2002	Storm				6,803.0
18	Pleasant Lake North Drain	4/17/1997	Storm				1,160.8
18	Huntwood Meadows Drain	11/17/1998	Storm				6,549.5
18	Orchard Lake Woods Drain	2/5/1991	Storm				10,807.9
18	Willow Woods Drain	7/22/1993	Storm				2,249.3
18	Woodland Ridge Drain	1/15/1997	Storm	1096			9,168.5
18	Knollwood Commons Drain	7/9/2003	Storm	234.6			5,409.0
18	Apple Cove Drain	1/1/2002	Storm				
18	Westwind Lake Drain	11/25/2003	Storm	114			13,803.0
18	Royal View Drain	1/6/2003	Storm				516.0
18	Goodison Glen Drain	1/22/2003	Storm				133.0
18	Plum Creek Drain	1/22/2003	Storm	81			4,664.0
18	Wellington Woods Drain	6/18/2003	Storm				4,331.8
18	Chamberlin Farms Drain	2/4/2003	Storm				650.8
18	Cranbrook Ridge Drain	1/22/2003	Storm	140			439.0
18	Peggy Street Drain	1/7/2003	Storm				2,327.0
18	Village Square Drain	11/25/2003	Storm				6,928.2
18	Maple Creek Drain	5/7/2001	Storm	26			16,929.5
18	Birchwood Park Drain	3/12/2009	Storm				17,086.2
18	Goodison Place Drain	6/8/2009	Storm				9,245.0
18	Woodlands Drain	3/20/2008	Storm	51			8,719.5
18	Century Oaks Drain (Sub. No. 1, 2 & 3 Only)	2/24/2004	Storm			7	14,410.0
18	Pilgrim Hills Estates Drain	1/22/2003	Storm				503.0
18	Chelsea Park Drain	1/6/2003	Storm	138			19,816.0
18	West Bloomfield Manor Drain	2/3/1997	Storm				2,446.0
18	Bloomfield Pines Drain (inc. Bloomfield Pines No. 2)	3/12/2009	Storm	133			5,163.0
18	Paint Creek Estates Drain	6/4/2002	Storm	60			2,849.5
18	Knorrwood Pines West Drain	1/7/2003	Storm		15		9,062.5
18	Twin Lakes Drain	11/19/1999	Storm				23,738.0
18	Orchard Ridge Drain	6/3/1997	Storm	57			8,266.0
18	Pond Vallee Drain	2/4/2003	Storm				1,682.1
18	High Meadows Drain	1/22/2003	Storm				966.0
18	Maplecroft Drain	5/15/2018	Storm				477.0
18	Orchards Condominium Drain, The	5/5/2003	Storm				1,271.0
18	Deer Point Drain	2/5/1998	Storm	121			6,671.0
18	Wyndham Pointe Drain	3/31/2009	Storm	102			5,991.0
18	Fairfield Estates Drain	7/9/2003	Storm	68			2,645.5
18	Cornerstone Condominium Drain	6/3/2004	Storm				899.8
18	Century Woods Drain	6/25/2012	Storm				3,004.0

Location Schedule

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04	Allen Drain	1/1/1898	Storm	89.8	9537		9,752.8
04	Arthur Drain	1/1/1921	Storm	386.7	11528.7		12,018.0
04	Axford Drain	5/1/1916	Storm				4,904.0
04	Bald Eagle Lake Drain	5/23/1929	Storm		282		1,716.6
04	Bartlett Drain	1/1/1894	Storm		7616		8,016.0
04	Birdsland Drain	1/1/1939	Storm				6,145.5
04	Blackwood Drain	10/2/1903	Storm	170	16178.5		16,603.5
04	Bloomfield Highland Drain	5/27/1916	Storm				3,146.5
04	Boyd Drain	1/1/1944	Storm		1244		6,057.5
04	Brandon-Oxford Drain	1/1/1915	Storm	454	33304		34,275.0
04	Brown Drain	1/1/1906	Storm	215	10514.5		10,877.5
04	Campbell No. 2 Drain	1/1/1929	Storm	435.1			7,088.1
04	Chatfield Drain	1/1/1898	Storm	174	2938		3,132.0
04	Clarenceville Drain	1/1/1903	Storm				3,946.0
04	Clark Drain	1/1/1903	Storm	258	7733		8,838.0
04	Clawson Drain	1/1/1919	Combined				2,430.0
04	Courter Drain	1/1/1917	Storm	375.5	2673		3,951.5
04	Craft Drain	1/1/1903	Storm	483	9983		10,466.0
04	De Conick Drain	1/1/1917	Storm				5,238.9
04	Drahner Drain	4/21/1915	Storm	42	2911		4,207.0
04	Drayton Plains Drain	3/1/1921	Storm	64	7354		9,943.0
04	Dry Run Drain	5/11/1907	Storm	586	10886		11,628.0
04	Dutton Drain	1/1/1916	Storm	278	13110		14,928.0
04	Evans Drain	1/1/1903	Storm				2,372.0
04	Ferry Drain	1/1/1904	Storm	707	9753		10,460.0
04	Fetterly Drain	1/1/1945	Storm	30	3191		3,769.0
04	Five Points Drain	1/1/1904	Storm				1,358.7
04	Four Towns Drain	1/1/1886	Storm	20	11783		11,977.0
04	Francis Drain	1/1/1898	Storm	309.1	4724.6		5,987.1
04	Frost Drain	1/1/1914	Storm		5387.1		5,387.1
04	Galloway Drain	1/1/1918	Storm	1174	17714		19,014.0
04	Galloway Lake Farms Drain	1/1/1949	Storm		264		8,457.0
04	Garner Drain	1/1/1918	Storm	97	9198		9,308.0
04	Graves Drain	4/2/1904	Storm	95	3635		3,969.0
04	Greenaway Drain	1/1/1945	Storm	359.3	5624.8		7,520.6
04	Hawthorne Drain	1/1/1914	Storm	30	3372		5,012.7
04	Hazel Drain	6/2/1922	Storm			49	12,151.7
04	Holden Drain	1/1/1919	Storm	10	9841		10,035.0
04	Honeywell Drain	1/1/1909	Storm	123.1	6473.1		6,596.2
04	Houghten Drain	1/1/1946	Storm	2836	7609		16,561.0
04	Kent Drain	1/1/1908	Storm	96	9927		10,037.0
04	Kemp Drain	1/1/1924	Storm	801.5	1284.5		3,401.3
04	Krohn Drain	7/20/1909	Storm	191	17548		17,993.0
04	Ladd Drain	1/1/1909	Storm		3660		3,976.9
04	Lane Drain	1/1/1903	Storm	327			563.0
04	Lyon No. 1 Drain	1/1/1906	Storm	147	6144		7,046.0
04	Maynard Drain	1/1/1941	Storm		1134		2,401.5
04	Mc Clure Drain	12/14/1918	Storm		8640		8,811.0
04	New Hudson No. 1 Drain	1/1/1905	Storm	108	18129		19,029.0
04	Norton Drain	2/7/1912	Storm	875.5	53833.5	70	54,844.0



Location Schedule

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
04	Novi and Lyon Drain	1/1/1891	Storm	419	34302	24	35,516.0
04	Oak Knob Drain	3/28/1923	Storm				1,473.0
04	Oakland Hills Orchards Drain	2/14/1943	Storm				2,108.1
04	Otter Drain	1/1/1920	Storm	161	3613	74	4,743.0
04	Oxford Avenue Drain	1/1/1926	Storm	49			1,675.0
04	Paint Creek Drain	1/1/1918	Storm	861.5	70753		73,932.0
04	Patterson-Holly Drain	1/1/1893	Storm	1181.98	16179.02		28,876.3
04	Patton Drain	2/5/1916	Storm	290	1647	147	4,075.0
04	Pearl Street Drain	6/20/1925	Storm				484.0
04	Perry Drain	3/30/1919	Storm	165.5	5232.3		5,397.8
04	Pontiac Creek Ext. Drain	1/1/1949	Storm	665.3	10031		12,795.2
04	Prince Drain	5/10/1919	Storm	236	2962		6,463.0
04	Reid & Branch Drain	2/7/1910	Storm	307	11144		12,893.0
04	Renshaw Drain	1/1/1911	Storm	97	3364		3,564.0
04	Sayre Drain	5/18/1916	Storm	627	6042		7,288.0
04	Shuler Drain	1/1/1919	Combined				2,446.0
04	Swartz Creek Drain	1/1/1895	Storm	174	18914		19,088.0
04	Swartz Creek No. 2 Drain	1/1/1895	Storm	27	7608		7,635.0
04	Seeley Drain	1/1/1903	Storm	673	19790		21,636.0
04	Shanahan Drain	1/1/1903	Storm	584	6287		11,523.0
04	Shoup Drain	5/27/1909	Storm	344.8	6365.1		6,882.0
04	Sibley Drain	5/4/1904	Storm	210	2332		3,381.0
04	Silvercrest Drain	1/1/1944	Storm	121			2,733.0
04	Sinclair Drain	1/1/1923	Storm				2,174.0
04	Sinking Bridge Drain	1/1/1914	Storm	180	12436		13,276.0
04	Sir Drain	1/1/1942	Storm	787	4894		5,681.0
04	Southfield Storm Sewer Drain No. 1	1/1/1928	Combined				4,127.7
04	South Lyon No. 1 Drain	1/1/1903	Storm	212	5635		7,527.9
04	Spencer Drain	1/1/1906	Storm	31	6611		9,356.0
04	Sprague Drain	1/1/1903	Storm	1011	10327.2		12,732.3
04	Sturgis Drain	1/1/1903	Storm	557	20013	13	21,163.0
04	Sunken Bridge Drain	1/1/1906	Storm	200	8916.3		9,258.3
04	A. J. Taylor Drain	9/18/1902	Storm	62	11504		11,972.5
04	Taylor-Ladd Drain	1/1/1900	Storm		15056		18,466.0
04	Tiffany & Smith Drain	1/1/1911	Storm	298	4109		4,459.0
04	Townline Drain	1/1/1949	Storm	361	11941.4		13,961.8
04	Tulane Drain	3/1/1943	Storm				674.0
04	US-16 Drain	7/28/1937	Storm				5,197.8
04	Ward Drain	2/26/1920	Storm				1,913.4
04	Wessinger Drain	1/1/1917	Storm				0.0
04	West End Drain	1/1/1923	Storm	846			20,089.0
04	White and Duck Lake Drain	1/1/1886	Storm	107.5	602.09		2,474.8
04	Wilson Drain	1/1/1891	Storm				3,492.0
04	Woolman & Wells Drain	7/7/1906	Storm	103	19103		19,473.0
04	Wrey Drain	1/1/1895	Storm	28.5			1,587.4
04	Yerkes Drain	8/26/1904	Storm	291	19889		20,895.0
04	Tuttle Drain	8/9/1944	Storm				1,614.0
04	Lochaven Drain	9/5/1946	Storm	102	14013	21	14,653.0
04	Van Maele Drain		Storm				
04	Swan Drain	1/1/1948	Storm	787	958		2,824.0

Oakland County Water Resources Commissioner (Intra-County Drains Drainage Districts)

Location Schedule

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
04	Sherman Drain	1/1/1952	Storm		401		4,346.9
04	Tildden Drain	6/9/1947	Storm	7			3,735.0
04	Josephine Drain (in POC)	6/9/1947	Storm	295			1,339.0
04	Linden Drain	6/9/1947	Storm	60			388.0
04	Lower Pettibone Lake Sanitary Drain	1/1/2014	Sanitary Sewer				0.0
04	Davis Drain	1/1/1955	Storm	1024.8	7000.5		8,426.9
04	Mc Clung Drain	1/1/1951	Storm	1700	370		2,115.0
04	Clarenceville Ext. Drain	1/1/1952	Storm				1,718.0
04	Leonard Drain	1/1/1890	Storm	394	5845		8,340.0
04	Mc Ivor Drain	1/1/1955	Storm				701.0
04	Ward Orchards Drain	1/1/1958	Storm		75		5,002.8
04	Leon Drain	1/1/1954	Storm				472.0
04	Skæ Drain	1/1/1963	Storm				3,517.5
18	Drakeshire Condominium Drain	1/7/2003	Storm	74			699.0
18	Pine Lake North Drain	2/9/1989	Storm				1,902.0
18	Arbors of West Bloomfield Drain	3/16/1989	Storm				4,479.5
18	Thornberry Drain	2/16/1990	Storm				5,904.5
18	Maplewoods North Subdivision Drain	10/17/1997	Storm				5,486.5
18	Professional Village of West Bloomfield Drain	12/19/1989	Storm				2,299.8
18	Perrytown Estates County Drain	10/8/1990	Storm				1,589.0
18	Country Creek Drain	6/13/1997	Storm				19,558.9
18	Crown Center Drain	5/5/2003	Storm				417.0
18	Westwood Park County Drain	10/26/1987	Storm				673.5
18	Maple Place Woods Drain	6/2/1988	Storm				4,712.0
18	Walnut Woods Apartments Drain (inc. Branch 1/Bella Vista)	3/1/1990	Storm				1,700.5
18	Greenpointe Condo County Drain (Ph 1 & 2)	9/24/1991	Storm	163			5,575.9
18	Sherwood Creek Cluster Homes Drain	1/31/1995	Storm		18		1,787.5
18	Crossings Drain	1/15/1997	Storm	68			25,893.3
18	Bloomfield Glens Health Center County Drain	12/10/1996	Storm		200		1,737.0
18	Maple Park Office Center Drain	1/6/2003	Storm				2,058.9
18	Chimney Hill Apartments County Drain	6/19/1989	Storm				6,094.7
18	Walnut Hills West Bloomfield Drain	1/6/2003	Storm				1,204.2
18	Maple Place Condominium Drain	1/7/1991	Storm	38			2,624.5
18	Mapleridge Condominiums Drain	10/24/1990	Storm				2,123.9
18	Simsbury Condominium County Drain	6/30/2004	Storm				5,434.8
18	Ravines of West Bloomfield County Drain, The	4/24/1991	Storm				1,360.7
18	Silverbrook Villa Apts County Drain	3/6/1991	Storm	292	518		7,951.5
18	Aspen Ridge Condominium Drain	6/20/1988	Storm		150		3,749.5
18	Woodcliff on the Lake Drain	2/3/1997	Storm				3,462.1
18	Greenpointe North County Drain (Ph 3 & 4)	4/24/1991	Storm	81			6,315.3
18	Oakbrooke Condominium Drain	1/4/1996	Storm	253			1,107.0
18	Simsbury Plaza County Drain	5/21/2002	Storm				1,533.0
18	Oakland Farm County Drain	2/9/1989	Storm				18,688.8
18	West Bloomfield Ridge County Drain	6/19/1989	Storm				6,346.8
18	Autumn Ridge Estates County Drain	11/15/1989	Storm	689.7			3,479.1
18	Maple Place Villas Drain	12/14/1990	Storm	272			6,608.5
18	Royal Pointe County Drain	5/22/1989	Storm				9,155.6
18	Pilgrim Hills of West Bloomfield Twp. Drain	11/3/1989	Storm				7,392.5
18	Park Ridge Drain	7/23/2008	Storm				5,407.3
18	Fieldview Acres County Drain	6/19/1989	Storm	39			1,079.0



Location Schedule

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
18	Westbrooke Drain	8/1/1997	Storm				2,618.6
18	Meadowridge Estates Drain	1/5/1996	Storm	41			5,405.0
18	Mission Springs County Drain	2/3/1997	Storm	253.6			6,447.4
18	Stonebridge Drain	11/17/1998	Storm	61.5			7,070.1
18	Palais Le Duc Drain	10/18/1990	Storm				1,352.3
18	Halsted-Pontiac Trail Drain	1/7/2003	Storm	102.5			4,983.7
18	Lagoons of West Bloomfield Drain	5/23/2001	Storm				3,885.0
18	Southwyck Drain (Sub. No. 1 & 2)	7/10/2003	Storm		24		7,418.8
18	Whispering Woods Drain	9/18/1990	Storm				2,222.5
18	West Bloomfield Oaks Drain	10/15/1997	Storm				13,105.0
18	Hills of Oakland County Drain	12/23/2002	Storm	818			11,029.0
18	Hills of Kings Pointe Drain	12/23/2002	Storm				6,803.0
18	Pleasant Lake North Drain	4/17/1997	Storm				1,160.8
18	Huntwood Meadows Drain	11/17/1998	Storm				6,549.5
18	Orchard Lake Woods Drain	2/5/1991	Storm				10,807.9
18	Willow Woods Drain	7/22/1993	Storm				2,249.3
18	Woodland Ridge Drain	1/15/1997	Storm	1096			9,168.5
18	Knollwood Commons Drain	7/9/2003	Storm	234.6			5,409.0
18	Apple Cove Drain	1/1/2002	Storm				
18	Westwind Lake Drain	11/25/2003	Storm	114			13,803.0
18	Royal View Drain	1/6/2003	Storm				516.0
18	Goodison Glen Drain	1/22/2003	Storm				133.0
18	Plum Creek Drain	1/22/2003	Storm	81			4,664.0
18	Wellington Woods Drain	6/18/2003	Storm				4,331.8
18	Chamberlin Farms Drain	2/4/2003	Storm				650.8
18	Cranbrook Ridge Drain	1/22/2003	Storm	140			439.0
18	Peggy Street Drain	1/7/2003	Storm				2,327.0
18	Village Square Drain	11/25/2003	Storm				6,928.2
18	Maple Creek Drain	5/7/2001	Storm	26			16,929.5
18	Birchwood Park Drain	3/12/2009	Storm				17,086.2
18	Goodison Place Drain	6/8/2009	Storm				9,245.0
18	Woodlands Drain	3/20/2008	Storm	51			8,719.5
18	Century Oaks Drain (Sub. No. 1, 2 & 3 Only)	2/24/2004	Storm			7	14,410.0
18	Pilgrim Hills Estates Drain	1/22/2003	Storm				503.0
18	Chelsea Park Drain	1/6/2003	Storm	138			19,816.0
18	West Bloomfield Manor Drain	2/3/1997	Storm				2,446.0
18	Bloomfield Pines Drain (inc. Bloomfield Pines No. 2)	3/12/2009	Storm	133			5,163.0
18	Paint Creek Estates Drain	6/4/2002	Storm	60			2,849.5
18	Knorrwood Pines West Drain	1/7/2003	Storm		15		9,062.5
18	Twin Lakes Drain	11/19/1999	Storm				23,738.0
18	Orchard Ridge Drain	6/3/1997	Storm	57			8,266.0
18	Pond Vallee Drain	2/4/2003	Storm				1,682.1
18	High Meadows Drain	1/22/2003	Storm				966.0
18	Maplecroft Drain	5/15/2018	Storm				477.0
18	Orchards Condominium Drain, The	5/5/2003	Storm				1,271.0
18	Deer Point Drain	2/5/1998	Storm	121			6,671.0
18	Wyndham Pointe Drain	3/31/2009	Storm	102			5,991.0
18	Fairfield Estates Drain	7/9/2003	Storm	68			2,645.5
18	Cornerstone Condominium Drain	6/3/2004	Storm				899.8
18	Century Woods Drain	6/25/2012	Storm				3,004.0

Location Schedule

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
18	Green Lake Crossing Drain	1/6/2003	Storm				3,827.4
18	Park Ridge South Drain	8/24/2009	Storm				4,034.5
18	Villas of Maple Creek Drain	5/15/2018	Storm			6	1,507.0
18	Village Square North Drain	3/21/2008	Storm				9,228.9
18	Cloisters Drain	9/1/2009	Storm				2,085.0
18	Kingsridge Drain	12/22/2010	Storm	224			7,145.0
18	Kirklands Drain	1/8/2010	Storm				5,553.0
18	Carrollton Drain	1/8/2010	Storm	137			5,114.0
18	Claremont Drain	9/1/2009	Storm	10			4,533.0
18	Oakland Knolls Drain	2/26/2003	Storm				5,811.0
18	Walnut Creek Drain	9/16/2003	Storm				6,225.8
18	Wyndgate Drain	7/23/2008	Storm				2,514.0
18	Simsbury North Drain	3/21/2008	Storm				1,161.1
18	Guardian Angel Drain (fka Mt. Elliott Cemetry Drain)	7/25/2018	Storm		42		9,833.0
18	Northwoods Forest Drain	11/8/2007	Storm				1,708.0
18	Oakland Meadows Drain	6/1/2009	Storm				2,757.9
18	Windrift Pond Drain	1/21/2011	Storm				869.0
18	Heights, The	7/18/2012	Storm	190			9,728.4
18	Windridge Hills Drain	11/20/2008	Storm	5			3,430.0
18	Pembroke Park Drain	11/8/2007	Storm	5			4,569.0
18	Wellington Drain	1/21/2011	Storm	266		11	13,209.0
18	West Bloomfield Pines Drain	3/28/2012	Storm				700.0
18	Carrington Gardens Drain	11/8/2007	Storm	5			11,954.0
18	Wyndridge Estates Drain	10/10/2011	Storm				4,264.0
18	Reserve of Beverly Crest (Prev. Woods of Beverly Crest)	12/11/2019	Storm				1,383.0
18	Shore North Drain	3/30/2012	Storm				3,456.0
18	Autumn Park Drain	1/5/2011	Storm				902.0
18	Alpine Academy Drain	5/22/2013	Storm				931.0
18	Eagle Creek Drain	5/22/2013	Storm				1,213.0
18	Oakland Hunt	9/30/2020	Storm	115.3			18,892.6
18	Pines Leigh Drain	5/1/2018	Storm				391.3
18	Hidden Creek	10/15/2010	Storm		158		875.6
18	Bungalows Drain	7/18/2012	Storm				911.0
18	Legacy Drain, The	1/1/2010	Storm		15		1,865.8
18	Turnberry Park fka Turnberry Place	5/1/2018	Storm				2,525.6
20	Dan Devine Drain	1/31/2018	Storm	567	5012	113	8,169.0
20	Eight Mile Drain	9/13/1963	Storm				19,037.1
20	Southfield Road Drain	12/6/1963	Storm				8,612.1
20	Pontiac Clinton River Drain No. 1	10/15/1965	Storm	6385.4		31	9,249.7
20	Northwestern Drain	10/16/1963	Storm				3,307.9
20	Calhoun Drain	7/16/1964	Combined				2,240.0
20	Owens Relief Drain	12/8/1966	Storm				21,499.4
20	Austin Drain	11/16/1965	Storm	2552.5			8,750.7
20	Pemberton Drain	5/24/1966	Combined				2,717.1
20	Devonshire Drain	9/14/1967	Storm				4,298.4
20	Barry Drain	3/10/1966	Combined				2,448.6
20	Pontiac Clinton River Drain No. 2	1/22/1969	Storm		12839		13,112.0
20	Hamlin Drain	1/1/1968	Storm				9,442.3
20	Murphy Drain	10/9/1968	Storm	494.2			5,424.3
20	Evergreen Road Drain	7/21/1969	Storm	508			7,751.9

Location Schedule

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
20	Kollar Drain	12/17/1970	Storm	143.5	428		2,238.1
20	Nichols Relief Drain	4/12/1971	Storm	1622.1	515		42,339.7
20	Rummell Relief Drain	3/13/1972	Storm	8000	5104		20,034.0
20	Ballard Drain	12/15/1967	Storm		236		2,909.0
20	Brooklyn Relief Drain	8/12/1968	Storm				2,053.0
20	Richton Relief Drain	8/12/1968	Storm				8,884.7
20	Lilly Drain	12/1/1969	Combined				2,933.2
20	Clarkson Drain	7/21/1969	Combined				1,171.5
20	Brewer Drain	3/5/1970	Storm	311			5,291.0
20	Guyer Drain	10/15/1969	Storm				1,193.0
20	Claude H. Stevens Drain	1/1/1973	Storm	403	1305		16,826.0
20	Mullen Drain	2/13/1973	Storm	4578.1			12,665.5
20	Finney Drain	1/15/1969	Storm				317.5
20	Levinson Relief Drain	8/18/1971	Storm	793			14,452.8
20	Henry Graham Drain	1/1/1974	Storm	25725.4			56,230.0
20	Augusta Drain	8/22/1973	Storm	2922	4524		32,137.2
20	Snyder Drain	9/25/1973	Storm				7,719.1
20	Wagner Drain	12/18/1973	Storm	30.6			7,064.5
20	Jilbert Drain	9/15/1971	Storm		90		2,438.3
20	Horton Relief Drain	10/15/1969	Combined				6,654.2
20	Barnard Drain	4/29/1977	Storm	700.9	6269		9,142.9
20	Case Drain	7/21/1969	Storm				2,818.9
20	Halfpenny Drain	7/20/1972	Storm				8,846.3
20	Osgood Drain	1/27/1970	Storm		190		3,293.7
20	Wilmont Relief Drain	12/27/1972	Storm	327	3082		21,918.0
20	Pontiac Clinton River Drain No. 3	5/14/1980	Storm	6616.45		155.7	13,354.3
20	Ramiro Drain	2/25/1972	Storm		517		4,111.0
20	Varner Relief Drain	4/14/1972	Storm	1053.5			15,118.1
20	Luz Relief Drain	8/18/1971	Storm	17			11,001.6
20	Edwards Relief Drain	5/20/1980	Storm	1024.7	3687		33,233.4
20	Stewart Relief Drain	2/25/1974	Storm	311.4			9,828.9
20	O'donoghue Drain	12/8/1972	Storm				3,132.9
20	Joslyn Drain	7/17/1973	Storm				8,590.6
20	Robert J. Evans Relief Drain	1/9/1977	Storm	377			6,064.6
20	Hamilton Relief Drain	7/24/1975	Storm	10	166		10,624.1
20	Powers Drain	2/25/1971	Storm	257.3			563.2
20	Joachim Relief Drain	1/1/1986	Storm	1637.4	711		12,092.1
20	Earlmoor Drain	8/21/1971	Storm				4,691.5
20	Coy Drain	8/30/1978	Storm	323			4,397.0
20	Mastin Drain	11/10/1976	Storm	70			12,695.0
20	Perinoff Drain	2/14/1979	Storm	97.3	43		5,687.5
20	Emily Drain	8/7/1974	Storm				6,053.2
20	Gronkowski Drain	2/11/1976	Storm				6,110.5
20	Fracassi Drain	9/9/1981	Storm	1033.5			21,403.6
20	Hollander Drain	1/1/1979	Storm	186			186.0
20	Mainland Drain	1/20/1987	Storm	340.6	7543	45	10,042.2
20	Montante Relief Drain	2/15/1977	Storm	48	350		2,415.0
20	Hoot Drain	7/24/1975	Storm				3,355.6
20	Peterson Drain	5/15/1979	Storm	1279.5			5,611.3
20	Wilcox Drain (SOT)	10/12/1977	Storm	65			8,577.9

Location Schedule

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
20	Richardson Drain	7/24/1975	Storm				1,285.0
20	Gabler Drain	10/11/1978	Storm	289.1	620		7,202.9
20	Kasper Drain	11/29/1979	Storm	92	160		29,218.8
20	Dunleavy Drain	10/26/1977	Storm	9			20,294.0
20	Brotherton Drain	10/13/1976	Storm	641			641.0
20	Lynn D. Allen Drain	5/24/1976	Storm	1050			1,065.0
20	Hobart Drain	8/24/1977	Storm	405			3,938.2
20	Hugh Dohany Drain	9/14/1977	Storm	92			2,825.5
20	Quinn Drain	1/18/1979	Storm				3,590.4
20	Heron Drain	5/16/2017	Storm				718.0
20	Mc Donnell Drain	12/12/1979	Storm				6,498.2
20	Fred D. Houghten Drain	10/13/1976	Storm	217	845		3,115.1
20	Brennan Drain	5/24/1978	Storm				1,927.7
20	Hayes Drain	1/1/1986	Storm	318.25			318.3
20	Page Drain	11/12/1975	Storm				804.3
20	Fessler Drain	6/10/1981	Storm	1017.1			11,729.7
20	Douglas Drain	10/11/1978	Storm	3984			4,442.0
20	Mc Donald Drain	11/4/1981	Storm				5,516.5
20	Roth Drain	8/12/1981	Storm				19,475.5
20	Daly Drain	12/20/1979	Storm	1453	698		3,784.0
20	Hayward Drain	9/12/1978	Storm				1,416.5
20	M-15 Drain	1/24/1989	Storm	891.5	120		2,410.7
20	Flannery Drain	1/1/1997	Storm				1,747.5
20	Elliott Drain	1/1/1983	Storm				5,513.0
20	Gorsline Drain	1/1/1983	Storm				1,744.5
20	Lanni Drain	1/1/1979	Storm				2,483.0
20	Moxley Drain	1/1/1982	Storm				17,268.9
20	Mc Connell Drain	1/1/1986	Storm	35			934.0
20	Olson Drain	1/1/1984	Storm	148			300.0
20	Dennis Murphy Drain	7/16/1979	Storm	137			3,086.0
20	Kelly Drain	9/23/1981	Storm	179.2			1,894.5
20	Doyon Drain	11/17/1982	Storm	22	210		6,126.8
20	Jackson Drain	10/28/1986	Storm	516.2			9,989.3
20	Caddell Drain	12/20/1988	Storm	4366.8	21770.4	30	34,323.5
20	Gosling Drain	12/7/1983	Storm		580		1,656.6
20	Vogt Drain	12/18/1985	Storm				11,781.7
20	Rewold Drain	1/1/1985	Storm	390	10008		23,298.7
20	Moore Drain	1/1/1990	Storm				6,486.1
20	Nelson Drain	10/27/1987	Storm	689	17634		18,847.0
20	Law Drain	1/1/1985	Storm	65	604		7,529.7
20	Skarritt Drain	10/27/1987	Storm				2,099.0
20	Holland Drain	9/15/1987	Storm	1703.6	3547		10,187.4
20	Dorothy Webb Drain	1/1/1998	Storm	111			5,071.5
20	Fredericks Drain	10/10/1989	Storm	491		113.8	9,853.4
20	Johnson Drain	1/1/1993	Storm	1092	508		9,754.3
20	Ireland Drain	1/1/1994	Storm	74			36,247.7
20	Karas Drain	11/14/1998	Storm		974.5		12,665.5
20	Hamlin Extension Drain	1/9/2018	Storm				1,349.0
20	Hampton Drain	5/1/1994	Storm	192	1085		36,821.8
20	Lueders Drain	1/1/1994	Storm	3082.59	4883	5	46,659.2



Location Schedule

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
20	Borden Drain	1/1/1990	Storm	30	4807.4		5,813.8
20	Keego Harbor Drain	7/17/1990	Storm	713.81			3,994.7
20	Beechmont Drain	8/14/1990	Storm				897.1
20	Jensen Drain	1/1/1994	Storm	-41	580		9,912.5
20	Crake Drain	1/1/1994	Storm	399	395		16,325.1
20	King Drain	1/1/1995	Storm	1010.19	333		8,614.4
20	Cranberry Lake Drain	1/1/1991	Storm		267		460.0
20	Bishop Drain	1/1/1996	Storm		442		8,505.6
20	Mc Intyre Drain	1/1/1999	Storm	198	1056		5,299.2
20	Mc Intosh Drain	1/1/1992	Storm	212			1,667.0
20	Oaks Drain	1/1/1992	Storm	176	3477		3,653.0
20	Pebble Creek Drain	1/1/1993	Storm	1153.6	12838.1		22,967.6
20	Minnow Pond Drain Chapter 20	1/1/1996	Storm	3256	59499		72,472.9
20	Vinewood Drain (Ch 20)	1/1/2002	Storm	3128.4			5,663.0
20	Helaine Zack Drain	11/5/2003	Storm	1219	465		10,921.1
20	Chester Drain	1/1/1998	Storm	28	171		21,117.8
20	John E. Olsen Drain	1/1/1998	Storm	960.7	590		2,801.7
20	Robert Huber Drain	1/1/1998	Storm	172			10,163.0
20	Wolf Drain	1/1/2001	Storm				17,764.0
20	Palmer Drain	1/1/1994	Storm	25			502.0
20	David L. Moffitt Drain	1/1/1993	Storm				1,645.0
20	Joseph Jones Drain	1/1/1995	Storm				115.5
20	Rufe Collier Drain	1/1/1995	Storm		1849		2,043.0
20	Schmid Drain	1/1/2003	Storm			1244.95	4,760.0
20	Blue Heron Drain	1/1/2000	Storm				1,678.0
20	Bloomfield Hills CSO Drain	1/1/1926	Storm				6,944.0
20	Acacia Park CSO/RTB Drain	1/1/1994	Combined	81.5			792.5
20	Korzon Drain	1/1/2001	Storm				12,158.7
20	Birmingham CSO/RTB Drain	1/1/1999	Combined			8	21,746.3
20	Bloomfield Township CSO Drain	1/1/1997	Combined				92,148.2
20	Bloomfield Village CSO/RTB Drain	1/1/1926	Combined				64,650.7
20	Mc Culloch Drain	1/1/2003	Storm				4,439.0
20	Kaczmar Drain	1/1/1996	Storm				4,113.0
20	Sue Ann Douglas Drain	1/1/2000	Storm				4,132.9
20	North Arm Relief Drain	1/1/2001	Combined				20,452.6
20	Charles R. Moon	1/1/2004	Storm		76		2,866.0
20	Franklin & Fourteen Mile (Portion of Franklin Subwatershed)	9/3/2008	Storm		4266		4,539.5
20	Greenacre Drain	1/1/2009	Storm				292.0
20	John Garfield Drain	1/1/2001	Combined				5,454.5
20	Robert A. Reid Drain	1/1/2002	Storm	75.2			19,482.3
20	Donohue Drain	1/1/2010	Storm	60	2702		3,248.9
20	Nancy Dingeldey	1/1/2005	Storm				3,300.0
20	Jacobs Drain	1/1/2008	Storm	122	8489		9,087.0
20	Jamian Drain	1/1/2006	Storm	59	2207		2,304.0
20	Tribute Drain	1/1/2006	Storm	42			7,682.3
20	Six Points Drain	1/1/2008	Storm				2,362.0
20	Rowland Drain - (const)	1/1/1988	Storm				560.2
04	Bloomfield Village No. 2 Drain	1/1/1927	Combined				3,062.7

Total Footage: 535,576.2

Full Program Details

Pollution Liability

Carrier Information	Expiring (365 Days)	Proposed (304 Days)
Policy Term	10/1/2025 - 10/1/2026	10/1/2026 - 8/1/2027
Carrier	ACE American Insurance Company	ACE American Insurance Company
Admitted/Non-Admitted	Admitted	Admitted
Payment Method	Agency Bill	Agency Bill

Premium & Exposures	Expiring	Proposed
Premium	\$27,607.00	\$23,657.00

Standard Coverages	Expiring	Proposed
Per Occurrence Limit	\$1,000,000	\$1,000,000
Policy Aggregate Limit	\$1,000,000	\$1,000,000

Form Type	Expiring	Proposed
Form Type	Claims Made	Claims Made
Retroactive Date	10/01/2021	10/01/2021
Pending & Prior Date	10/01/2021	10/01/2021
Continuity Date	10/01/2021	10/01/2021

Claims Made Disclaimer:

Should you elect to change carriers (if a new retroactive date is provided) or non-renew this policy, a supplemental extended reporting endorsement may be available subject to policy terms and conditions. You must request the extended reporting period in writing to the carrier within (90) days of the expiration date. The cost of this extended reporting period is 200% of the annual premium and is fully earned. The extended reporting period extends only to those claims made during the extended reporting period for wrongful acts that occurred prior to the expiration date and would have been covered by the policy. Claims must be reported to the carrier within (33) months of the end of the policy period. The extended reporting period does not increase the limits of liability and is subject to all policy terms, conditions and exclusions.

Oakland County Water Resources Commissioner (Intra-County Drains Drainage Districts)



Premium Summary

The estimated program cost for the options are outlined in the following table:

<i>Line of Coverage</i>		<i>Expiring</i>	<i>Proposed</i>
		ACE American Insurance Company	ACE American Insurance Company
Pollution Liability	Premium	\$27,607	\$23,657.00
	Estimated Cost*		
	Days of Coverage	365 Days	304 Days
	Limit of Liability	\$1M/\$1M	\$1M/\$1M
Total Program Cost		\$27,607	\$23,657

*Estimated Cost includes all taxes, fees, surcharges and TRIA premium (if applicable)

Premiums are due and payable as billed and may be financed, subject to acceptance by an approved finance company. Following acceptance, completion (and signature) of a premium finance agreement with the specified down payment is required. Note: Unless prohibited by law, Gallagher may earn compensation for this optional value-added service.

Gallagher is responsible for the placement of the following lines of coverage:

Environmental Liability
General Liability
Excess Liability
Public Officials Liability

It is understood that any other type of exposure/coverage is either self-insured or placed by another brokerage firm other than Gallagher. If you need help in placing other lines of coverage or covering other types of exposures, please contact your Gallagher representative.



**RESOLUTION OF THE DRAINAGE BOARD FOR THE INTRA-COUNTY DRAIN PROGRAM
REGARDING INSURANCE COVERAGE**

WHEREAS, the Intra-County Drain Program Participating Drain Districts (the "Program") are operated pursuant to the authority granted under the Michigan Drain Code of 1956, as amended; and

WHEREAS, the Program desires to maintain appropriate insurance protection for its operations, governance, and potential liabilities; and

WHEREAS, the Program has been advised that it is operationally, administratively and financially beneficial to include its General Liability, Public Officials Liability, and Excess Liability insurance coverages within the insurance program maintained for the George W. Kuhn Drain Drainage District; and

WHEREAS, the governing body responsible for the Program has reviewed the proposed insurance arrangement and finds that such inclusion will continue to provide appropriate protection while facilitating efficient administration of insurance coverage.

NOW, THEREFORE, BE IT RESOLVED, that the governing body hereby acknowledges and approves effective October 1st, 2026, the inclusion of the following coverages:

- General Liability Coverage
- Public Officials Liability Coverage
- Excess Liability Coverage

Combined within the insurance program maintained for the George W. Kuhn Drain Drainage District, which renewed on August 1, 2026, and renews annually thereafter.

BE IT FURTHER RESOLVED, that the entity shall be included as an insured entity under the applicable General Liability, Public Officials Liability, and Excess Liability policies issued for the George W. Kuhn Drain Drainage District, subject to the terms, conditions, exclusions, limits, retentions of such policies, subject to administration of any and all applicable premium and retention allocations.

BE IT FURTHER RESOLVED, that the Oakland County Water Resources Commissioner is authorized to take such actions and execute such documents as may be necessary to implement this Resolution and maintain the referenced insurance coverage.

Adopted on this __ day of _____, 2026.

Drain Name

Allen Drain
Arthur Drain
Axford Drain
Bald Eagle Lake Drain
Bartlett Drain
Birdsland Drain
Blackwood Drain
Bloomfield Highland Drain
Boyd Drain
Brandon-Oxford Drain
Brown Drain
Campbell No. 2 Drain
Chatfield Drain
Clarenceville Drain
Clark Drain
Clawson Drain
Courter Drain
Craft Drain
De Conick Drain
Drahner Drain
Drayton Plains Drain
Dry Run Drain
Dutton Drain
Evans Drain
Ferry Drain
Fetterly Drain
Five Points Drain
Four Towns Drain
Francis Drain
Frost Drain
Galloway Drain
Galloway Lake Farms Drain
Garner Drain
Graves Drain
Greenaway Drain
Hawthorne Drain
Hazel Drain

Drain Name

Holden Drain
Honeywell Drain
Houghten Drain
Kent Drain
Kemp Drain
Krohn Drain
Ladd Drain
Lane Drain
Lyon No. 1 Drain
Maynard Drain
Mc Clure Drain
New Hudson No. 1 Drain
Norton Drain
Novi and Lyon Drain
Oak Knob Drain
Oakland Hills Orchards Drain
Otter Drain
Oxford Avenue Drain
Paint Creek Drain
Patterson-Holly Drain
Patton Drain
Pearl Street Drain
Perry Drain
Pontiac Creek Ext. Drain
Prince Drain
Reid & Branch Drain
Renshaw Drain
Sayre Drain
Shuler Drain
Swartz Creek Drain
Swartz Creek No. 2 Drain
Seeley Drain
Shanahan Drain
Shoup Drain
Sibley Drain
Silvercrest Drain
Sinclair Drain

Drain Name

Sinking Bridge Drain
Sir Drain
Southfield Storm Sewer Drain No. 1
South Lyon No. 1 Drain
Spencer Drain
Sprague Drain
Sturgis Drain
Sunken Bridge Drain
A. J. Taylor Drain
Taylor-Ladd Drain
Tiffany & Smith Drain
Townline Drain
Tulane Drain
US-16 Drain
Ward Drain
Wessinger Drain
West End Drain
White and Duck Lake Drain
Wilson Drain
Woolman & Wells Drain
Wrey Drain
Yerkes Drain
Tuttle Drain
Lochaven Drain
Van Maele Drain
Swan Drain
Sherman Drain
Tillden Drain
Josephine Drain (in POC)
Linden Drain
Lower Pettibone Lake Sanitary Drain
Davis Drain
Mc Clung Drain
Clarenceville Ext. Drain
Leonard Drain
Mc Ivor Drain
Ward Orchards Drain

Drain Name

Leon Drain
Skae Drain
Drakeshire Condominium Drain
Pine Lake North Drain
Arbors of West Bloomfield Drain
Thornberry Drain
Maplewoods North Subdivision Drain
Professional Village of West Bloomfield Drain
Perrytown Estates County Drain
Country Creek Drain
Crown Center Drain
Westwood Park County Drain
Maple Place Woods Drain
Walnut Woods Apartments Drain (Inc. Branch 1/Bella Vista)
Greenpointe Condo County Drain (Ph 1 & 2)
Sherwood Creek Cluster Homes Drain
Crossings Drain
Bloomfield Glens Health Center County Drain
Maple Park Office Center Drain
Chimney Hill Apartments County Drain
Walnut Hills West Bloomfield Drain
Maple Place Condominium Drain
Mapleridge Condominiums Drain
Simsbury Condominium County Drain
Ravines of West Bloomfield County Drain, The
Silverbrook Villa Apts County Drain
Aspen Ridge Condominium Drain
Woodcliff on the Lake Drain
Greenpointe North County Drain (Ph 3 & 4)
Oakbrooke Condominium Drain
Simsbury Plaza County Drain
Oakland Farm County Drain
West Bloomfield Ridge County Drain
Autumn Ridge Estates County Drain
Maple Place Villas Drain
Royal Pointe County Drain
Pilgrim Hills of West Bloomfield Twp. Drain

Drain Name

Park Ridge Drain
Fieldview Acres County Drain
Westbrooke Drain
Meadowridge Estates Drain
Mission Springs County Drain
Stonebridge Drain
Palais Le Duc Drain
Halsted-Pontiac Trail Drain
Lagoons of West Bloomfield Drain
Southwyck Drain (Sub. No. 1 & 2)
Whispering Woods Drain
West Bloomfield Oaks Drain
Hills of Oakland County Drain
Hills of Kings Pointe Drain
Pleasant Lake North Drain
Huntwood Meadows Drain
Orchard Lake Woods Drain
Willow Woods Drain
Woodland Ridge Drain
Knollwood Commons Drain
Apple Cove Drain
Westwind Lake Drain
Royal View Drain
Goodison Glen Drain
Plum Creek Drain
Wellington Woods Drain
Chamberlin Farms Drain
Cranbrook Ridge Drain
Peggy Street Drain
Village Square Drain
Maple Creek Drain
Birchwood Park Drain
Goodison Place Drain
Woodlands Drain
Century Oaks Drain (Sub. No. 1, 2 & 3 Only)
Pilgrim Hills Estates Drain
Chelsea Park Drain

Drain Name

West Bloomfield Manor Drain
Bloomfield Pines Drain (inc. Bloomfield Pines No. 2)
Paint Creek Estates Drain
Knorrwood Pines West Drain
Twin Lakes Drain
Orchard Ridge Drain
Pond Vallee Drain
High Meadows Drain
Maplecroft Drain
Orchards Condominium Drain, The
Deer Point Drain
Wyndham Pointe Drain
Fairfield Estates Drain
Cornerstone Condominium Drain
Century Woods Drain
Green Lake Crossing Drain
Park Ridge South Drain
Villas of Maple Creek Drain
Village Square North Drain
Cloisters Drain
Kingsridge Drain
Kirklands Drain
Carrollton Drain
Claremont Drain
Oakland Knolls Drain
Walnut Creek Drain
Wyndgate Drain
Simsbury North Drain
Guardian Angel Drain (fka Mt. Elliott Cemetery Drain)
Northwoods Forest Drain
Oakland Meadows Drain
Windrift Pond Drain
Heights, The
Windridge Hills Drain
Pembroke Park Drain
Wellington Drain
West Bloomfield Pines Drain

Drain Name

Carrington Gardens Drain
Wyndridge Estates Drain
Reserve of Beverly Crest (Prev. Woods of Beverly Crest)
Shore North Drain
Autumn Park Drain
Alpine Academy Drain
Eagle Creek Drain
Oakland Hunt
Pines Leigh Drain
Hidden Creek
Bungalows Drain
Legacy Drain, The
Turnberry Park (fka Turnberry Place)
Dan Devine Drain
Eight Mile Drain
Southfield Road Drain
Pontiac Clinton River Drain No. 1
Northwestern Drain
Calhoun Drain
Owens Relief Drain
Austin Drain
Pemberton Drain
Devonshire Drain
Barry Drain
Pontiac Clinton River Drain No. 2
Hamlin Drain
Murphy Drain
Evergreen Road Drain
Kollar Drain
Nichols Relief Drain
Rummell Relief Drain
Ballard Drain
Brooklyn Relief Drain
Richton Relief Drain
Lilly Drain
Clarkson Drain
Brewer Drain

Drain Name

Guyer Drain
Claude H. Stevens Drain
Mullen Drain
Finney Drain
Levinson Relief Drain
Henry Graham Drain
Augusta Drain
Snyder Drain
Wagner Drain
Jilbert Drain
Horton Relief Drain
Barnard Drain
Case Drain
Halfpenny Drain
Osgood Drain
Wilmont Relief Drain
Pontiac Clinton River Drain No. 3
Ramiro Drain
Varner Relief Drain
Luz Relief Drain
Edwards Relief Drain
Stewart Relief Drain
O'donoghue Drain
Joslyn Drain
Robert J. Evans Relief Drain
Hamilton Relief Drain
Powers Drain
Joachim Relief Drain
Earlmoor Drain
Coy Drain
Mastin Drain
Perinoff Drain
Emily Drain
Gronkowski Drain
Fracassi Drain
Hollander Drain
Mainland Drain

Drain Name

Montante Relief Drain
Hoot Drain
Peterson Drain
Wilcox Drain (SOT)
Richardson Drain
Gabler Drain
Kasper Drain
Dunleavy Drain
Brotherton Drain
Lynn D. Allen Drain
Hobart Drain
Hugh Dohany Drain
Quinn Drain
Heron Drain
Mc Donnell Drain
Fred D. Houghten Drain
Brennan Drain
Hayes Drain
Page Drain
Fessler Drain
Douglas Drain
Mc Donald Drain
Roth Drain
Daly Drain
Hayward Drain
M-15 Drain
Flannery Drain
Elliott Drain
Gorsline Drain
Lanni Drain
Moxley Drain
Mc Connell Drain
Olson Drain
Dennis Murphy Drain
Kelly Drain
Doyon Drain
Jackson Drain

Drain Name

Caddell Drain
Gosling Drain
Vogt Drain
Rewold Drain
Moore Drain
Nelson Drain
Law Drain
Skarritt Drain
Holland Drain
Dorothy Webb Drain
Fredericks Drain
Johnson Drain
Ireland Drain
Karas Drain
Hamlin Extension Drain
Hampton Drain
Lueders Drain
Borden Drain
Keego Harbor Drain
Beechmont Drain
Jensen Drain
Crake Drain
King Drain
Cranberry Lake Drain
Bishop Drain
Mc Intyre Drain
Mc Intosh Drain
Oaks Drain
Pebble Creek Drain
Minnow Pond Drain Chapter 20
Vinewood Drain (Ch 20)
Helaine Zack Drain
Chester Drain
John E. Olsen Drain
Robert Huber Drain
Wolf Drain
Palmer Drain

Drain Name

David L. Moffitt Drain
Joseph Jones Drain
Rufe Collier Drain
Schmid Drain
Blue Heron Drain
Bloomfield Hills CSO Drain
Acacia Park CSO/RTB Drain
Korzon Drain
Birmingham CSO/RTB Drain
Bloomfield Township CSO Drain
Bloomfield Village CSO/RTB Drain
Mc Culloch Drain
Kaczmar Drain
Sue Ann Douglas Drain
North Arm Relief Drain
Charles R. Moon
Franklin & Fourteen Mile (Portion of Franklin Subwatershed)
Greenacre Drain
John Garfield Drain
Robert A. Reid Drain
Donohue Drain
Nancy Dingeldey
Jacobs Drain
Jamian Drain
Tribute Drain
Six Points Drain
Rowland Drain (const)
Bloomfield Village No. 2 Drain

2027 CH. 20 MEETING DATES AND DEADLINES

January 2027

Deadline for Materials: January 15th
Meeting Date: January 26th

July 2027

Deadline for Materials: July 16th
Meeting Date: July 27th

February 2027

Deadline for Materials: February 12th
Meeting Date: February 23rd

August 2027

Deadline for Materials: August 13th
Meeting: August 24th

March 2027

Deadline for Materials: March 12th
Meeting Date: March 23rd

September 2027

Deadline for Materials: September 17th
Meeting Date: September 28th

April 2027

Deadline for Materials: April 16th
Meeting Date: April 27th

October 2027

Deadline for Materials: October 15th
Meeting Date: October 26th

May 2027

Deadline for Materials: May 14th
Meeting Date: May 25th

November 2027

Deadline for Materials: November 5th
Meeting Date: November 16th

June 2027

Deadline for Materials: June 11th
Meeting Date: June 22nd

December 2027

Deadline for Materials: December 3rd
Meeting Date: December 14th

2. George W. Kuhn Drain

AGENDA

DRAINAGE BOARD FOR THE GEORGE W. KUHN DRAIN

September 22, 2026

1. Call meeting to order
2. Approve meeting agenda for September 22, 2026
3. Approve minutes of meeting of August 25, 2026
4. Public Comments
5. Present Gallagher Executive Summary, Proposal of Insurance and Resolution
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$88,405.85
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE GEORGE W. KUHN DRAIN**

August 25, 2026

A meeting of the Drainage Board for the George W. Kuhn Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 25th day of August 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Markham moved, seconded by Woodward, to approve the August 25, 2026, agenda as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Minutes of the meeting held July 28, 2026, were presented for consideration. Markham moved, seconded by Woodward, to approve the minutes as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Chairperson Nash asked if there were any public comments. There were none.

Markham moved, seconded by Woodward, to authorize staff to negotiate an as-needed contract with Swan Analytical USA, Inc. and authorize the Chairperson to execute the contract, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to award the construction contract to Pipeline Management Company, LLC in the amount of \$724,509.50 and authorize the Chairperson to execute the contract, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to award the Twelve Towns South Siphon Cleaning project to Doetsch Environmental Services, Inc. in the amount of \$230,480.00 and authorize allocation of these funds from the GWK Sewage Disposal Fund, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Construction Estimate No. 1 for Pipeline Management Company for construction of the 2026 GWK Sewer Cleaning and Inspection in the amount of \$123,046.76 with a transfer to the Oakland County Treasurer in the amount of \$13,671.86, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Work Order No. 3 for Drummond Carpenter, PLLC for the Green Stormwater Infrastructure Specifications Project to increase the total amount of the Engineering Services Agreement by a not-to-exceed amount of \$12,127.50, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund from the maintenance fund in the amount of \$285,685.98, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund from the construction fund in the amount of \$11,286.36, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

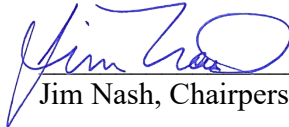
Nash moved, seconded by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

MOTION CARRIED: Yeas – 3, Nays – 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the George W. Kuhn Drain, Oakland County, Michigan, held on the 25th day of August 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner, which is the principal office of the Drainage Board for George W. Kuhn Drain Drainage District.



Jim Nash, Chairperson

Dated: August 25, 2026

September 22nd, 2026

Executive Summary & Recommendation

Consolidated Drain Liability Insurance Program

Proposed Program Structure

With the guidance of the Insurance Committee, Gallagher recommends establishing a consolidated liability insurance program with the George W. Kuhn Drainage District (GWK) serving as the First Named Insured, while extending participation to the Clinton River Water Resource Recovery Facility (CRWRRF), Huron-Rouge Sewage Sanitary Drain Drainage District, and the Oakland County WRC Intra-County Drain District Program. The proposed consolidation is currently limited to General Liability, Public Officials Liability, and Excess Liability coverage. Pollution policies will continue to remain separate moving to a common expiration date of August 1st, 2027.

Benefits of a Combined Liability Program

Combining the General Liability, Public Officials Liability, and Excess Liability programs under a single structure will provide cost savings, increased market competitiveness, greater insurer participation, more stable long-term pricing, consistent coverage terms, centralized policy administration, and streamlined renewal processes for the board.

Recommendation

Gallagher believes the most effective long-term liability insurance strategy is to establish a combined liability program, with GWK serving as the First Named Insured with the Clinton River Water Resource Recovery Facility, Huron-Rouge Sewage Disposal System, and WRC Intra-County Drain District Program participating through an intergovernmental insurance agreement. The consolidation would apply solely to General Liability, Public Officials Liability, and Excess Liability coverage at this time.



Insurance | Risk Management | Consulting

Premium Analysis

Drain District	Effective Date	Line of Business	Current Program Limits	Combined Program Limits	Current Premium	26-27 Total Annual Premium Current Program (Clinton River, Chapter 20 Renewals, and HRSDD Quote)	Annualized - Combined Total	Annualized Savings	Pro-Rated - Combined Total
George W. Kuhn	1-Aug-26	POL	\$1M/\$2M	\$1M/\$2M	\$ 198,812	\$ 198,812	\$ 198,821		\$ 198,821
George W. Kuhn	1-Aug-26	GL	\$1M/\$2M	\$1M/\$2M					
George W. Kuhn	1-Aug-26	UMB	\$20M/\$20M	\$20M/\$20M					
Intra-County Drain Program	1-Oct-26	POL	\$1M/\$2M	\$1M/\$2M	\$ 142,481	\$ 149,082	\$ 120,600	-19%	\$ 100,500
Intra-County Drain Program	1-Oct-26	GL	\$1M/\$2M	\$1M/\$2M					
Intra-County Drain Program	1-Oct-26	UMB	\$10M/\$10M	\$20M/\$20M					
Huron-Rouge	1-Oct-26	POL	NCP	\$1M/\$2M	No Coverage	\$ 101,602	\$ 40,000	-61%	\$ 33,333
Huron-Rouge	1-Oct-26	GL	NCP	\$1M/\$2M					
Huron-Rouge	1-Oct-26	UMB	NCP	\$20M/\$20M					
Clinton River Water Resource Recovery Facility	5-Oct-26	POL	\$1M/\$2M	\$1M/\$2M	\$ 337,097	\$ 358,904	\$ 298,200	-17%	\$ 245,095
Clinton River Water Resource Recovery Facility	5-Oct-26	GL	\$1M/\$2M	\$1M/\$2M					
Clinton River Water Resource Recovery Facility	5-Oct-26	UMB	\$10M/\$10M	\$20M/\$20M					
					\$ 678,390	\$808,400	\$657,621	-18.7%	\$ 577,749

Board Action Items

1. Drain District Policy - Chapter 20 Intra-County Drain Program

a. Insurance Renewal

- i. Approve the renewal of the Pollution Liability Insurance Program for the Chapter 20 Intra-County Drain Program, effective through August 1, 2027.

b. Program Consolidation Resolution

- i. Approve and adopt a resolution authorizing the Chapter 20 Intra-County Drain Program to participate in a combined insurance program with the George W. Kuhn Drain District for General Liability, Public Officials Liability, and Excess Liability coverage.

2. Clinton-River Water Resource Recovery Facility

a. Insurance Renewals

- i. Approve the renewal of the Pollution Liability Insurance Policy, effective through August 1, 2027.
- ii. Approve the renewal of the Cyber Liability Insurance Policy, effective through August 1, 2027.

b. Program Consolidation Resolution

- i. Approve and adopt a resolution authorizing the Clinton-River Water Resource Recovery Facility Drain District to participate in a combined insurance program with the George W. Kuhn Drain District for General Liability, Public Officials Liability, and Excess Liability coverage.

3. Huron-Rouge Sanitary Drain Drainage District

a. Insurance Renewal

- i. Determine and approve the appropriate Pollution Liability Insurance limit (5M or 10M Options) and authorize binding coverage through August 1, 2027.

b. Program Consolidation Resolution

- i. Approve and adopt a resolution authorizing the Huron-Rouge Sanitary Drain Drainage District to participate in a combined insurance program with the George W. Kuhn Drain District for General Liability, Public Officials Liability, and Excess Liability coverage.

4. George W. Kuhn Drain District

a. Program Consolidation Resolution

- i. Approve and adopt a resolution authorizing the inclusion of the Chapter 20 Intra-County Drain Program, Clinton-River Water Resource Recovery Facility Drain District, and Huron-Rouge Sanitary Drain Drainage District within the George W. Kuhn Drain District's combined insurance program for General Liability, Public Officials Liability, and Excess Liability coverage.



Proposal of Insurance for:

George W. Kuhn Drain Drainage District – Combined Drainage District Liability Program

One Public Works Drive, Bldg. 95 W
Waterford, MI 48328

Presentation Date: September 22nd, 2026

Arthur J Gallagher Risk Management Services, LLC
A/J License Nos. IL 100292093 / CA 0D69293



Gallagher

Insurance | Risk Management | Consulting

Named Insured Schedule

Named Insured

Oakland County Water Resources Commissioner
George W. Kuhn Drain Drainage District
City of Pontiac Wastewater Treatment Facility Drainage District (COPWWTFDD)
Clinton River Water Resource Recovery Facility Drain District (CRWRRFDD)
Oakland County Water Resources Commissioner (Intra-County Drains Drainage Districts)
Huron Rouge Sanitary Drain Drainage District (HRSDDD)
County of Oakland, Michigan

Note: Any entity not named in this proposal may not be an insured entity. This may include affiliates, subsidiaries, LLCs, partnerships, and joint ventures.

Location Schedule

George W. Kuhn Drain Drainage District

Location

29132-29142 Stephenson Hwy, Madison Heights, MI 48071

20450 Conant, Detroit, MI 48234

31353 Dequindre, Madison Heights, MI 48071

127 Miles of Pipe (Various Locations)

Clinton River Water Resource Recovery Facility Drain Drainage District (CRWRRFDD)

LOCATION ADDRESS

155 Opdyke, Pontiac, MI 48342

274 MLK Blvd, Pontiac, MI 48342

Huron Rouge Sanitary Drain Drainage District (HRSDDD)

LOCATION ADDRESS

Huron Rouge SRT Flow Regulator

Huron Rouge Sewage Retention Facility

Huron Rouge SDS Meter 5730

9.5 Miles of Pipe

Oakland County Water Resources Commissioner Intra-County Drains Drainage District (Schedule of 398 Drains)

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
04	Allen Drain	1/1/1898	Storm	89.8	9537		9,752.8
04	Arthur Drain	1/1/1921	Storm	386.7	11528.7		12,018.0
04	Axford Drain	5/1/1916	Storm				4,904.0
04	Bald Eagle Lake Drain	5/23/1929	Storm		282		1,716.6
04	Bartlett Drain	1/1/1894	Storm		7616		8,016.0
04	Birdsland Drain	1/1/1939	Storm				6,145.5
04	Blackwood Drain	10/2/1903	Storm	170	16178.5		16,603.5
04	Bloomfield Highland Drain	5/27/1916	Storm				3,146.5
04	Boyd Drain	1/1/1944	Storm		1244		6,057.5
04	Brandon-Oxford Drain	1/1/1915	Storm	454	33304		34,275.0
04	Brown Drain	1/1/1906	Storm	215	10514.5		10,877.5
04	Campbell No. 2 Drain	1/1/1929	Storm	435.1			7,088.1
04	Chatfield Drain	1/1/1898	Storm	174	2938		3,132.0
04	Clarenceville Drain	1/1/1903	Storm				3,946.0
04	Clark Drain	1/1/1903	Storm	258	7733		8,838.0
04	Clawson Drain	1/1/1919	Combined				2,430.0
04	Courter Drain	1/1/1917	Storm	375.5	2673		3,951.5
04	Craft Drain	1/1/1903	Storm	483	9983		10,466.0
04	De Conick Drain	1/1/1917	Storm				5,238.9
04	Drahner Drain	4/21/1915	Storm	42	2911		4,207.0
04	Drayton Plains Drain	3/1/1921	Storm	64	7354		9,943.0
04	Dry Run Drain	5/11/1907	Storm	586	10886		11,628.0
04	Dutton Drain	1/1/1916	Storm	278	13110		14,928.0
04	Evans Drain	1/1/1903	Storm				2,372.0
04	Ferry Drain	1/1/1904	Storm	707	9753		10,460.0
04	Fetterly Drain	1/1/1945	Storm	30	3191		3,769.0
04	Five Points Drain	1/1/1904	Storm				1,358.7
04	Four Towns Drain	1/1/1886	Storm	20	11783		11,977.0
04	Francis Drain	1/1/1898	Storm	309.1	4724.6		5,987.1
04	Frost Drain	1/1/1914	Storm		5387.1		5,387.1
04	Galloway Drain	1/1/1918	Storm	1174	17714		19,014.0
04	Galloway Lake Farms Drain	1/1/1949	Storm		264		8,457.0
04	Garner Drain	1/1/1918	Storm	97	9198		9,308.0
04	Graves Drain	4/2/1904	Storm	95	3635		3,969.0
04	Greenaway Drain	1/1/1945	Storm	359.3	5624.8		7,520.6
04	Hawthorne Drain	1/1/1914	Storm	30	3372		5,012.7
04	Hazel Drain	6/2/1922	Storm			49	12,151.7
04	Holden Drain	1/1/1919	Storm	10	9841		10,035.0
04	Honeywell Drain	1/1/1909	Storm	123.1	6473.1		6,596.2
04	Houghten Drain	1/1/1946	Storm	2836	7609		16,561.0
04	Kent Drain	1/1/1908	Storm	96	9927		10,037.0
04	Kemp Drain	1/1/1924	Storm	801.5	1284.5		3,401.3
04	Krohn Drain	7/20/1909	Storm	191	17548		17,993.0
04	Ladd Drain	1/1/1909	Storm		3660		3,976.9
04	Lane Drain	1/1/1903	Storm	327			563.0
04	Lyon No. 1 Drain	1/1/1906	Storm	147	6144		7,046.0
04	Maynard Drain	1/1/1941	Storm		1134		2,401.5
04	Mc Clure Drain	12/14/1918	Storm		8640		8,811.0
04	New Hudson No. 1 Drain	1/1/1905	Storm	108	18129		19,029.0

Location Schedule (cont.)

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
04	Novi and Lyon Drain	1/1/1891	Storm	419	34302	24	35,516.0
04	Oak Knob Drain	3/28/1923	Storm				1,473.0
04	Oakland Hills Orchards Drain	2/14/1943	Storm				2,108.1
04	Otter Drain	1/1/1920	Storm	161	3613	74	4,743.0
04	Oxford Avenue Drain	1/1/1926	Storm	49			1,675.0
04	Paint Creek Drain	1/1/1918	Storm	861.5	70753		73,932.0
04	Patterson-Holly Drain	1/1/1893	Storm	1181.98	16179.02		28,876.3
04	Patton Drain	2/5/1916	Storm	290	1647	147	4,075.0
04	Pearl Street Drain	6/20/1925	Storm				484.0
04	Perry Drain	3/30/1919	Storm	165.5	5232.3		5,397.8
04	Pontiac Creek Ext. Drain	1/1/1949	Storm	665.3	10031		12,795.2
04	Prince Drain	5/10/1919	Storm	236	2962		6,463.0
04	Reid & Branch Drain	2/7/1910	Storm	307	11144		12,893.0
04	Renshaw Drain	1/1/1911	Storm	97	3364		3,564.0
04	Sayre Drain	5/18/1916	Storm	627	6042		7,288.0
04	Shuler Drain	1/1/1919	Combined				2,446.0
04	Swartz Creek Drain	1/1/1895	Storm	174	18914		19,088.0
04	Swartz Creek No. 2 Drain	1/1/1895	Storm	27	7608		7,635.0
04	Seeley Drain	1/1/1903	Storm	673	19790		21,636.0
04	Shanahan Drain	1/1/1903	Storm	584	6287		11,523.0
04	Shoup Drain	5/27/1909	Storm	344.8	6365.1		6,882.0
04	Sibley Drain	5/4/1904	Storm	210	2332		3,381.0
04	Silvercrest Drain	1/1/1944	Storm	121			2,733.0
04	Sinclair Drain	1/1/1923	Storm				2,174.0
04	Sinking Bridge Drain	1/1/1914	Storm	180	12436		13,276.0
04	Sir Drain	1/1/1942	Storm	787	4894		5,681.0
04	Southfield Storm Sewer Drain No. 1	1/1/1928	Combined				4,127.7
04	South Lyon No. 1 Drain	1/1/1903	Storm	212	5635		7,527.9
04	Spencer Drain	1/1/1906	Storm	31	6611		9,356.0
04	Sprague Drain	1/1/1903	Storm	1011	10327.2		12,732.3
04	Sturgis Drain	1/1/1903	Storm	557	20013	13	21,163.0
04	Sunken Bridge Drain	1/1/1906	Storm	200	8916.3		9,258.3
04	A. J. Taylor Drain	9/18/1902	Storm	62	11504		11,972.5
04	Taylor-Ladd Drain	1/1/1900	Storm		15056		18,466.0
04	Tiffany & Smith Drain	1/1/1911	Storm	298	4109		4,459.0
04	Townline Drain	1/1/1949	Storm	361	11941.4		13,961.8
04	Tulane Drain	3/1/1943	Storm				674.0
04	US-16 Drain	7/28/1937	Storm				5,197.8
04	Ward Drain	2/26/1920	Storm				1,913.4
04	Wessinger Drain	1/1/1917	Storm				0.0
04	West End Drain	1/1/1923	Storm	846			20,089.0
04	White and Duck Lake Drain	1/1/1886	Storm	107.5	602.09		2,474.8
04	Wilson Drain	1/1/1891	Storm				3,492.0
04	Woolman & Wells Drain	7/7/1906	Storm	103	19103		19,473.0
04	Wrey Drain	1/1/1895	Storm	28.5			1,587.4
04	Yerkes Drain	8/26/1904	Storm	291	19889		20,895.0
04	Tuttle Drain	8/9/1944	Storm				1,614.0
04	Lochaven Drain	9/5/1946	Storm	102	14013	21	14,653.0
04	Van Maele Drain		Storm				
04	Swan Drain	1/1/1948	Storm	787	958		2,824.0

Location Schedule (cont.)

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
04	Novi and Lyon Drain	1/1/1891	Storm	419	34302	24	35,516.0
04	Oak Knob Drain	3/28/1923	Storm				1,473.0
04	Oakland Hills Orchards Drain	2/14/1943	Storm				2,108.1
04	Otter Drain	1/1/1920	Storm	161	3613	74	4,743.0
04	Oxford Avenue Drain	1/1/1926	Storm	49			1,675.0
04	Paint Creek Drain	1/1/1918	Storm	861.5	70753		73,932.0
04	Patterson-Holly Drain	1/1/1893	Storm	1181.98	16179.02		28,876.3
04	Patton Drain	2/5/1916	Storm	290	1647	147	4,075.0
04	Pearl Street Drain	6/20/1925	Storm				484.0
04	Perry Drain	3/30/1919	Storm	165.5	5232.3		5,397.8
04	Pontiac Creek Ext. Drain	1/1/1949	Storm	665.3	10031		12,795.2
04	Prince Drain	5/10/1919	Storm	236	2962		6,463.0
04	Reid & Branch Drain	2/7/1910	Storm	307	11144		12,893.0
04	Renshaw Drain	1/1/1911	Storm	97	3364		3,564.0
04	Sayre Drain	5/18/1916	Storm	627	6042		7,288.0
04	Shuler Drain	1/1/1919	Combined				2,446.0
04	Swartz Creek Drain	1/1/1895	Storm	174	18914		19,088.0
04	Swartz Creek No. 2 Drain	1/1/1895	Storm	27	7608		7,635.0
04	Seeley Drain	1/1/1903	Storm	673	19790		21,636.0
04	Shanahan Drain	1/1/1903	Storm	584	6287		11,523.0
04	Shoup Drain	5/27/1909	Storm	344.8	6365.1		6,882.0
04	Sibley Drain	5/4/1904	Storm	210	2332		3,381.0
04	Silvercrest Drain	1/1/1944	Storm	121			2,733.0
04	Sinclair Drain	1/1/1923	Storm				2,174.0
04	Sinking Bridge Drain	1/1/1914	Storm	180	12436		13,276.0
04	Sir Drain	1/1/1942	Storm	787	4894		5,681.0
04	Southfield Storm Sewer Drain No. 1	1/1/1928	Combined				4,127.7
04	South Lyon No. 1 Drain	1/1/1903	Storm	212	5635		7,527.9
04	Spencer Drain	1/1/1906	Storm	31	6611		9,356.0
04	Sprague Drain	1/1/1903	Storm	1011	10327.2		12,732.3
04	Sturgis Drain	1/1/1903	Storm	557	20013	13	21,163.0
04	Sunken Bridge Drain	1/1/1906	Storm	200	8916.3		9,258.3
04	A. J. Taylor Drain	9/18/1902	Storm	62	11504		11,972.5
04	Taylor-Ladd Drain	1/1/1900	Storm		15056		18,466.0
04	Tiffany & Smith Drain	1/1/1911	Storm	298	4109		4,459.0
04	Townline Drain	1/1/1949	Storm	361	11941.4		13,961.8
04	Tulane Drain	3/1/1943	Storm				674.0
04	US-16 Drain	7/28/1937	Storm				5,197.8
04	Ward Drain	2/26/1920	Storm				1,913.4
04	Wessinger Drain	1/1/1917	Storm				0.0
04	West End Drain	1/1/1923	Storm	846			20,089.0
04	White and Duck Lake Drain	1/1/1886	Storm	107.5	602.09		2,474.8
04	Wilson Drain	1/1/1891	Storm				3,492.0
04	Woolman & Wells Drain	7/7/1906	Storm	103	19103		19,473.0
04	Wrey Drain	1/1/1895	Storm	28.5			1,587.4
04	Yerkes Drain	8/26/1904	Storm	291	19889		20,895.0
04	Tuttle Drain	8/9/1944	Storm				1,614.0
04	Lochaven Drain	9/5/1946	Storm	102	14013	21	14,653.0
04	Van Maele Drain		Storm				
04	Swan Drain	1/1/1948	Storm	787	958		2,824.0

Location Schedule (cont.)

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
04	Sherman Drain	1/1/1952	Storm		401		4,346.9
04	Tillden Drain	6/9/1947	Storm	7			3,735.0
04	Josephine Drain (in POC)	6/9/1947	Storm	295			1,339.0
04	Linden Drain	6/9/1947	Storm	60			388.0
04	Lower Pettibone Lake Sanitary Drain	1/1/2014	Sanitary Sewer				0.0
04	Davis Drain	1/1/1955	Storm	1024.8	7000.5		8,426.9
04	Mc Clung Drain	1/1/1951	Storm	1700	370		2,115.0
04	Clarenceville Ext. Drain	1/1/1952	Storm				1,718.0
04	Leonard Drain	1/1/1890	Storm	394	5845		8,340.0
04	Mc Ivor Drain	1/1/1955	Storm				701.0
04	Ward Orchards Drain	1/1/1958	Storm		75		5,002.8
04	Leon Drain	1/1/1954	Storm				472.0
04	Skæ Drain	1/1/1963	Storm				3,517.5
18	Drakeshire Condominium Drain	1/7/2003	Storm	74			699.0
18	Pine Lake North Drain	2/9/1989	Storm				1,902.0
18	Arbors of West Bloomfield Drain	3/16/1989	Storm				4,479.5
18	Thornberry Drain	2/16/1990	Storm				5,904.5
18	Maplewoods North Subdivision Drain	10/17/1997	Storm				5,486.5
18	Professional Village of West Bloomfield Drain	12/19/1989	Storm				2,299.8
18	Perrytown Estates County Drain	10/8/1990	Storm				1,589.0
18	Country Creek Drain	6/13/1997	Storm				19,558.9
18	Crown Center Drain	5/5/2003	Storm				417.0
18	Westwood Park County Drain	10/26/1987	Storm				673.5
18	Maple Place Woods Drain	6/2/1988	Storm				4,712.0
18	Walnut Woods Apartments Drain (Inc. Branch 1/Bella Vista)	3/1/1990	Storm				1,700.5
18	Greenpointe Condo County Drain (Ph 1 & 2)	9/24/1991	Storm	163			5,575.9
18	Sherwood Creek Cluster Homes Drain	1/31/1995	Storm		18		1,787.5
18	Crossings Drain	1/15/1997	Storm	68			25,893.3
18	Bloomfield Glens Health Center County Drain	12/10/1996	Storm		200		1,737.0
18	Maple Park Office Center Drain	1/6/2003	Storm				2,058.9
18	Chimney Hill Apartments County Drain	6/19/1989	Storm				6,094.7
18	Walnut Hills West Bloomfield Drain	1/6/2003	Storm				1,204.2
18	Maple Place Condominium Drain	1/7/1991	Storm	38			2,624.5
18	Mapleridge Condominiums Drain	10/24/1990	Storm				2,123.9
18	Simsbury Condominium County Drain	6/30/2004	Storm				5,434.8
18	Ravines of West Bloomfield County Drain, The	4/24/1991	Storm				1,360.7
18	Silverbrook Villa Apts County Drain	3/6/1991	Storm	292	518		7,951.5
18	Aspen Ridge Condominium Drain	6/20/1988	Storm		150		3,749.5
18	Woodcliff on the Lake Drain	2/3/1997	Storm				3,462.1
18	Greenpointe North County Drain (Ph 3 & 4)	4/24/1991	Storm	81			6,315.3
18	Oakbrooke Condominium Drain	1/4/1996	Storm	253			1,107.0
18	Simsbury Plaza County Drain	5/21/2002	Storm				1,533.0
18	Oakland Farm County Drain	2/9/1989	Storm				18,688.8
18	West Bloomfield Ridge County Drain	6/19/1989	Storm				6,346.8
18	Autumn Ridge Estates County Drain	11/15/1989	Storm	689.7			3,479.1
18	Maple Place Villas Drain	12/14/1990	Storm	272			6,608.5
18	Royal Pointe County Drain	5/22/1989	Storm				9,155.6
18	Pilgrim Hills of West Bloomfield Twp. Drain	11/3/1989	Storm				7,392.5
18	Park Ridge Drain	7/23/2008	Storm				5,407.3
18	Fieldview Acres County Drain	6/19/1989	Storm	39			1,079.0

Location Schedule (cont.)

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
18	Westbrooke Drain	8/1/1997	Storm				2,618.6
18	Meadowridge Estates Drain	1/5/1996	Storm	41			5,405.0
18	Mission Springs County Drain	2/3/1997	Storm	253.6			6,447.4
18	Stonebridge Drain	11/17/1998	Storm	61.5			7,070.1
18	Palais Le Duc Drain	10/18/1990	Storm				1,352.3
18	Halsted-Pontiac Trail Drain	1/7/2003	Storm	102.5			4,983.7
18	Lagoons of West Bloomfield Drain	5/23/2001	Storm				3,885.0
18	Southwyck Drain (Sub. No. 1 & 2)	7/10/2003	Storm		24		7,418.8
18	Whispering Woods Drain	9/18/1990	Storm				2,222.5
18	West Bloomfield Oaks Drain	10/15/1997	Storm				13,105.0
18	Hills of Oakland County Drain	12/23/2002	Storm	818			11,029.0
18	Hills of Kings Pointe Drain	12/23/2002	Storm				6,803.0
18	Pleasant Lake North Drain	4/17/1997	Storm				1,160.8
18	Huntwood Meadows Drain	11/17/1998	Storm				6,549.5
18	Orchard Lake Woods Drain	2/5/1991	Storm				10,807.9
18	Willow Woods Drain	7/22/1993	Storm				2,249.3
18	Woodland Ridge Drain	1/15/1997	Storm	1096			9,168.5
18	Knollwood Commons Drain	7/9/2003	Storm	234.6			5,409.0
18	Apple Cove Drain	1/1/2002	Storm				
18	Westwind Lake Drain	11/25/2003	Storm	114			13,803.0
18	Royal View Drain	1/6/2003	Storm				516.0
18	Goodison Glen Drain	1/22/2003	Storm				133.0
18	Plum Creek Drain	1/22/2003	Storm	81			4,664.0
18	Wellington Woods Drain	6/18/2003	Storm				4,331.8
18	Chamberlin Farms Drain	2/4/2003	Storm				650.8
18	Cranbrook Ridge Drain	1/22/2003	Storm	140			439.0
18	Peggy Street Drain	1/7/2003	Storm				2,327.0
18	Village Square Drain	11/25/2003	Storm				6,928.2
18	Maple Creek Drain	5/7/2001	Storm	26			16,929.5
18	Birchwood Park Drain	3/12/2009	Storm				17,086.2
18	Goodison Place Drain	6/8/2009	Storm				9,245.0
18	Woodlands Drain	3/20/2008	Storm	51			8,719.5
18	Century Oaks Drain (Sub. No. 1, 2 & 3 Only)	2/24/2004	Storm			7	14,410.0
18	Pilgrim Hills Estates Drain	1/22/2003	Storm				503.0
18	Chelsea Park Drain	1/6/2003	Storm	138			19,816.0
18	West Bloomfield Manor Drain	2/3/1997	Storm				2,446.0
18	Bloomfield Pines Drain (inc. Bloomfield Pines No. 2)	3/12/2009	Storm	133			5,163.0
18	Paint Creek Estates Drain	6/4/2002	Storm	60			2,849.5
18	Knorrwood Pines West Drain	1/7/2003	Storm		15		9,062.5
18	Twin Lakes Drain	11/19/1999	Storm				23,738.0
18	Orchard Ridge Drain	6/3/1997	Storm	57			8,266.0
18	Pond Vallee Drain	2/4/2003	Storm				1,682.1
18	High Meadows Drain	1/22/2003	Storm				966.0
18	Maplecroft Drain	5/15/2018	Storm				477.0
18	Orchards Condominium Drain, The	5/5/2003	Storm				1,271.0
18	Deer Point Drain	2/5/1998	Storm	121			6,671.0
18	Wyndham Pointe Drain	3/31/2009	Storm	102			5,991.0
18	Fairfield Estates Drain	7/9/2003	Storm	68			2,645.5
18	Cornerstone Condominium Drain	6/3/2004	Storm				899.8
18	Century Woods Drain	6/25/2012	Storm				3,004.0

Location Schedule (cont.)

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
18	Green Lake Crossing Drain	1/6/2003	Storm				3,827.4
18	Park Ridge South Drain	8/24/2009	Storm				4,034.5
18	Villas of Maple Creek Drain	5/15/2018	Storm			6	1,507.0
18	Village Square North Drain	3/21/2008	Storm				9,228.9
18	Cloisters Drain	9/1/2009	Storm				2,085.0
18	Kingsridge Drain	12/22/2010	Storm	224			7,145.0
18	Kirklands Drain	1/8/2010	Storm				5,553.0
18	Carrollton Drain	1/8/2010	Storm	137			5,114.0
18	Claremont Drain	9/1/2009	Storm	10			4,533.0
18	Oakland Knolls Drain	2/26/2003	Storm				5,811.0
18	Walnut Creek Drain	9/16/2003	Storm				6,225.8
18	Wyndgate Drain	7/23/2008	Storm				2,514.0
18	Simsbury North Drain	3/21/2008	Storm				1,161.1
18	Guardian Angel Drain (fka Mt. Elliott Cemetery Drain)	7/25/2018	Storm		42		9,833.0
18	Northwoods Forest Drain	11/8/2007	Storm				1,708.0
18	Oakland Meadows Drain	6/1/2009	Storm				2,757.9
18	Windrift Pond Drain	1/21/2011	Storm				869.0
18	Heights, The	7/18/2012	Storm	190			9,728.4
18	Windridge Hills Drain	11/20/2008	Storm	5			3,430.0
18	Pembroke Park Drain	11/8/2007	Storm	5			4,569.0
18	Wellington Drain	1/21/2011	Storm	266		11	13,209.0
18	West Bloomfield Pines Drain	3/28/2012	Storm				700.0
18	Carrington Gardens Drain	11/8/2007	Storm	5			11,954.0
18	Wyndridge Estates Drain	10/10/2011	Storm				4,264.0
18	Reserve of Beverly Crest (Prev. Woods of Beverly Crest)	12/11/2019	Storm				1,383.0
18	Shore North Drain	3/30/2012	Storm				3,456.0
18	Autumn Park Drain	1/5/2011	Storm				902.0
18	Alpine Academy Drain	5/22/2013	Storm				931.0
18	Eagle Creek Drain	5/22/2013	Storm				1,213.0
18	Oakland Hunt	9/30/2020	Storm	115.3			18,892.6
18	Pines Leigh Drain	5/1/2018	Storm				391.3
18	Hidden Creek	10/15/2010	Storm		158		875.6
18	Bungalows Drain	7/18/2012	Storm				911.0
18	Legacy Drain, The	1/1/2010	Storm		15		1,865.8
18	Turnberry Park fka Turnberry Place	5/1/2018	Storm				2,525.6
20	Dan Devine Drain	1/31/2018	Storm	567	5012	113	8,169.0
20	Eight Mile Drain	9/13/1963	Storm				19,037.1
20	Southfield Road Drain	12/6/1963	Storm				8,612.1
20	Pontiac Clinton River Drain No. 1	10/15/1965	Storm	6385.4		31	9,249.7
20	Northwestern Drain	10/16/1963	Storm				3,307.9
20	Calhoun Drain	7/16/1964	Combined				2,240.0
20	Owens Relief Drain	12/8/1966	Storm				21,499.4
20	Austin Drain	11/16/1965	Storm	2552.5			8,750.7
20	Pemberton Drain	5/24/1966	Combined				2,717.1
20	Devonshire Drain	9/14/1967	Storm				4,298.4
20	Barry Drain	3/10/1966	Combined				2,448.6
20	Pontiac Clinton River Drain No. 2	1/22/1969	Storm		12839		13,112.0
20	Hamlin Drain	1/1/1968	Storm				9,442.3
20	Murphy Drain	10/9/1968	Storm	494.2			5,424.3
20	Evergreen Road Drain	7/21/1969	Storm	508			7,751.9

Location Schedule (cont.)

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
20	Kollar Drain	12/17/1970	Storm	143.5	428		2,238.1
20	Nichols Relief Drain	4/12/1971	Storm	1622.1	515		42,339.7
20	Rummell Relief Drain	3/13/1972	Storm	8000	5104		20,034.0
20	Ballard Drain	12/15/1967	Storm		236		2,909.0
20	Brooklyn Relief Drain	8/12/1968	Storm				2,053.0
20	Richton Relief Drain	8/12/1968	Storm				8,884.7
20	Lilly Drain	12/1/1969	Combined				2,933.2
20	Clarkson Drain	7/21/1969	Combined				1,171.5
20	Brewer Drain	3/5/1970	Storm	311			5,291.0
20	Guyer Drain	10/15/1969	Storm				1,193.0
20	Claude H. Stevens Drain	1/1/1973	Storm	403	1305		16,826.0
20	Mullen Drain	2/13/1973	Storm	4578.1			12,665.5
20	Finney Drain	1/15/1969	Storm				317.5
20	Levinson Relief Drain	8/18/1971	Storm	793			14,452.8
20	Henry Graham Drain	1/1/1974	Storm	25725.4			56,230.0
20	Augusta Drain	8/22/1973	Storm	2922	4524		32,137.2
20	Snyder Drain	9/25/1973	Storm				7,719.1
20	Wagner Drain	12/18/1973	Storm	30.6			7,064.5
20	Jilbert Drain	9/15/1971	Storm		90		2,438.3
20	Horton Relief Drain	10/15/1969	Combined				6,654.2
20	Barnard Drain	4/29/1977	Storm	700.9	6269		9,142.9
20	Case Drain	7/21/1969	Storm				2,818.9
20	Halfpenny Drain	7/20/1972	Storm				8,846.3
20	Osgood Drain	1/27/1970	Storm		190		3,293.7
20	Wilmont Relief Drain	12/27/1972	Storm	327	3082		21,918.0
20	Pontiac Clinton River Drain No. 3	5/14/1980	Storm	6616.45		155.7	13,354.3
20	Ramiro Drain	2/25/1972	Storm		517		4,111.0
20	Varner Relief Drain	4/14/1972	Storm	1053.5			15,118.1
20	Luz Relief Drain	8/18/1971	Storm	17			11,001.6
20	Edwards Relief Drain	5/20/1980	Storm	1024.7	3687		33,233.4
20	Stewart Relief Drain	2/25/1974	Storm	311.4			9,828.9
20	O'donoghue Drain	12/8/1972	Storm				3,132.9
20	Joslyn Drain	7/17/1973	Storm				8,590.6
20	Robert J. Evans Relief Drain	1/9/1977	Storm	377			6,064.6
20	Hamilton Relief Drain	7/24/1975	Storm	10	166		10,624.1
20	Powers Drain	2/25/1971	Storm	257.3			563.2
20	Joachim Relief Drain	1/1/1986	Storm	1637.4	711		12,092.1
20	Earlmoor Drain	8/21/1971	Storm				4,691.5
20	Coy Drain	8/30/1978	Storm	323			4,397.0
20	Mastin Drain	11/10/1976	Storm	70			12,695.0
20	Perinoff Drain	2/14/1979	Storm	97.3	43		5,687.5
20	Emily Drain	8/7/1974	Storm				6,053.2
20	Gronkowski Drain	2/11/1976	Storm				6,110.5
20	Fracassi Drain	9/9/1981	Storm	1033.5			21,403.6
20	Hollander Drain	1/1/1979	Storm	186			186.0
20	Mainland Drain	1/20/1987	Storm	340.6	7543	45	10,042.2
20	Montante Relief Drain	2/16/1977	Storm	48	350		2,415.0
20	Hoot Drain	7/24/1975	Storm				3,355.6
20	Peterson Drain	5/16/1979	Storm	1279.5			5,611.3
20	Wilcox Drain (SOT)	10/12/1977	Storm	65			8,577.9

Location Schedule (cont.)

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
20	Richardson Drain	7/24/1975	Storm				1,285.0
20	Gabler Drain	10/11/1978	Storm	289.1	620		7,202.9
20	Kasper Drain	11/29/1979	Storm	92	160		29,218.8
20	Dunleavy Drain	10/26/1977	Storm	9			20,294.0
20	Brotherton Drain	10/13/1976	Storm	641			641.0
20	Lynn D. Allen Drain	5/24/1976	Storm	1050			1,065.0
20	Hobart Drain	8/24/1977	Storm	405			3,938.2
20	Hugh Dohany Drain	9/14/1977	Storm	92			2,825.5
20	Quinn Drain	1/18/1979	Storm				3,590.4
20	Heron Drain	5/16/2017	Storm				718.0
20	Mc Donnell Drain	12/12/1979	Storm				6,498.2
20	Fred D. Houghten Drain	10/13/1976	Storm	217	845		3,115.1
20	Brennan Drain	5/24/1978	Storm				1,927.7
20	Hayes Drain	1/1/1986	Storm	318.25			318.3
20	Page Drain	11/12/1975	Storm				804.3
20	Fessler Drain	6/10/1981	Storm	1017.1			11,729.7
20	Douglas Drain	10/11/1978	Storm	3984			4,442.0
20	Mc Donald Drain	11/4/1981	Storm				5,516.5
20	Roth Drain	8/12/1981	Storm				19,475.5
20	Daly Drain	12/20/1979	Storm	1453	698		3,784.0
20	Hayward Drain	9/12/1978	Storm				1,416.5
20	M-15 Drain	1/24/1989	Storm	891.5	120		2,410.7
20	Flannery Drain	1/1/1997	Storm				1,747.5
20	Elliott Drain	1/1/1983	Storm				5,513.0
20	Gorsline Drain	1/1/1983	Storm				1,744.5
20	Lanni Drain	1/1/1979	Storm				2,483.0
20	Moxley Drain	1/1/1982	Storm				17,268.9
20	Mc Connell Drain	1/1/1986	Storm	35			934.0
20	Olson Drain	1/1/1984	Storm	148			300.0
20	Dennis Murphy Drain	7/16/1979	Storm	137			3,086.0
20	Kelly Drain	9/23/1981	Storm	179.2			1,894.5
20	Doyon Drain	11/17/1982	Storm	22	210		6,126.8
20	Jackson Drain	10/28/1986	Storm	516.2			9,989.3
20	Caddell Drain	12/20/1988	Storm	4366.8	21770.4	30	34,323.5
20	Gosling Drain	12/7/1983	Storm		580		1,656.6
20	Vogt Drain	12/18/1985	Storm				11,781.7
20	Rewold Drain	1/1/1985	Storm	390	10008		23,298.7
20	Moore Drain	1/1/1990	Storm				6,486.1
20	Nelson Drain	10/27/1987	Storm	689	17634		18,847.0
20	Law Drain	1/1/1985	Storm	65	604		7,529.7
20	Skarritt Drain	10/27/1987	Storm				2,099.0
20	Holland Drain	9/15/1987	Storm	1703.6	3547		10,187.4
20	Dorothy Webb Drain	1/1/1998	Storm	111			5,071.5
20	Fredericks Drain	10/10/1989	Storm	491		113.8	9,853.4
20	Johnson Drain	1/1/1993	Storm	1092	508		9,754.3
20	Ireland Drain	1/1/1994	Storm	74			36,247.7
20	Karas Drain	11/14/1998	Storm		974.5		12,665.5
20	Hamlin Extension Drain	1/9/2018	Storm				1,349.0
20	Hampton Drain	5/1/1994	Storm	192	1085		36,821.8
20	Lueders Drain	1/1/1994	Storm	3082.59	4883	5	46,659.2

Location Schedule (cont.)

Chapter	Drain Name	DateInService	Type	Non-Circular	Open Channel	Unknown Diameter	Total Drain Length
20	Borden Drain	1/1/1990	Storm	30	4807.4		5,813.8
20	Keego Harbor Drain	7/17/1990	Storm	713.81			3,994.7
20	Beechmont Drain	8/14/1990	Storm				897.1
20	Jensen Drain	1/1/1994	Storm	-41	580		9,912.5
20	Crake Drain	1/1/1994	Storm	399	395		16,325.1
20	King Drain	1/1/1995	Storm	1010.19	333		8,614.4
20	Cranberry Lake Drain	1/1/1991	Storm		267		460.0
20	Bishop Drain	1/1/1996	Storm		442		8,505.6
20	Mc Intyre Drain	1/1/1999	Storm	198	1056		5,299.2
20	Mc Intosh Drain	1/1/1992	Storm	212			1,667.0
20	Oaks Drain	1/1/1992	Storm	176	3477		3,653.0
20	Pebble Creek Drain	1/1/1993	Storm	1153.6	12838.1		22,967.6
20	Minnow Pond Drain Chapter 20	1/1/1996	Storm	3256	59499		72,472.9
20	Vinewood Drain (Ch 20)	1/1/2002	Storm	3128.4			5,663.0
20	Helaine Zack Drain	11/5/2003	Storm	1219	465		10,921.1
20	Chester Drain	1/1/1998	Storm	28	171		21,117.8
20	John E. Olsen Drain	1/1/1998	Storm	960.7	590		2,801.7
20	Robert Huber Drain	1/1/1998	Storm	172			10,163.0
20	Wolf Drain	1/1/2001	Storm				17,764.0
20	Palmer Drain	1/1/1994	Storm	25			502.0
20	David L. Moffitt Drain	1/1/1993	Storm				1,645.0
20	Joseph Jones Drain	1/1/1995	Storm				115.5
20	Rufe Collier Drain	1/1/1995	Storm		1849		2,043.0
20	Schmid Drain	1/1/2003	Storm			1244.95	4,760.0
20	Blue Heron Drain	1/1/2000	Storm				1,678.0
20	Bloomfield Hills CSO Drain	1/1/1926	Storm				6,944.0
20	Acacia Park CSO/RTB Drain	1/1/1994	Combined	81.5			792.5
20	Korzon Drain	1/1/2001	Storm				12,158.7
20	Birmingham CSO/RTB Drain	1/1/1999	Combined			8	21,746.3
20	Bloomfield Township CSO Drain	1/1/1997	Combined				92,148.2
20	Bloomfield Village CSO/RTB Drain	1/1/1926	Combined				64,650.7
20	Mc Culloch Drain	1/1/2003	Storm				4,439.0
20	Kaczmar Drain	1/1/1996	Storm				4,113.0
20	Sue Ann Douglas Drain	1/1/2000	Storm				4,132.9
20	North Arm Relief Drain	1/1/2001	Combined				20,452.6
20	Charles R. Moon	1/1/2004	Storm		76		2,866.0
20	Franklin & Fourteen Mile (Portion of Franklin Subwatershed)	9/3/2008	Storm		4266		4,539.5
20	Greenacre Drain	1/1/2009	Storm				292.0
20	John Garfield Drain	1/1/2001	Combined				5,454.5
20	Robert A. Reid Drain	1/1/2002	Storm	75.2			19,482.3
20	Donohue Drain	1/1/2010	Storm	60	2702		3,248.9
20	Nancy Dingeldey	1/1/2005	Storm				3,300.0
20	Jacobs Drain	1/1/2008	Storm	122	8489		9,087.0
20	Jamian Drain	1/1/2006	Storm	59	2207		2,304.0
20	Tribute Drain	1/1/2006	Storm	42			7,682.3
20	Six Points Drain	1/1/2008	Storm				2,362.0
20	Rowland Drain - (const)	1/1/1988	Storm				560.2
04	Bloomfield Village No. 2 Drain	1/1/1927	Combined				3,062.7

Total Footage: 535,576.2

Full Program Details

General Liability

Carrier Information	Current GWK Program	Combined Entity Program
Policy Term	8/1/2026 – 8/1/2027	10/01/2026 - 8/1/2027
Carrier	Liberty Mutual Fire Insurance Company	Liberty Mutual Fire Insurance Company
A.M. Best Rating	A XV	A XV
Admitted/Non-Admitted	Admitted	Admitted
Payment Plan	Paid in Full	Paid in Full
Payment Method	Agency Bill	Agency Bill

Standard Coverages	Expiring	Proposed
Each Occurrence Limit	\$1,000,000	\$1,000,000
General Aggregate Limit	\$2,000,000	\$2,000,000
Products-Completed Operations Limit	\$2,000,000	\$2,000,000
Personal and Advertising Injury Limit	\$1,000,000	\$1,000,000
Damage to Premises Rented to You (or any premises)	\$100,000	\$100,000
Medical Expense Limit (any one person)	\$5,000	\$5,000

Deductibles/SIR	Expiring	Proposed
Self Insured Retention	\$250,000	\$250,000

Defense Limitations	Expiring	Proposed
General Liability	Outside Policy Limit	Outside Policy Limit

Form Type	Expiring	Proposed
Form Type	Occurrence	Occurrence

Endorsements (including but not limited to)
Common Policy Conditions - IL 00 17 11 98
Advertisement Redefined - LC 29 08 10 11
Commercial General Liability Coverage Form - CG 00 01 04 13
Commercial General Liability Enhancement - LC 04 111 11 18
Governmental Subdivisions - CG 24 09 07 98
Medical Payments Coverage - LC 24 54 11 18
Non-Cumulation Of Liability (Same Occurrence) - LC 25 13 08 08
Personal And Advertising Injury - Occurrence Redefined - LC 29 06 08 08
Personal And Advertising Injury Redefined - Definition Of Publication - LC 29 04 08 08
Premium Responsibility - LC 99 36 02 13
Public Entity Immunity And Tort Cap Preservation Endorsement - LIL 90 09 05 17
Self-Insured Amount Allocated Loss Adjustment Expense Erodes the Self-Insured Amount - LC 24 49 11 18
Commercial General Liability Declarations - LC 00 04 08 12
Commercial General Liability Declarations Occurrence Subject To Self-Insured Amount - LC 00 100 11 18

Endorsements (including but not limited to)

Declarations Extension Schedule - LCS 00 02 05 12
Declarations Extension Schedule - Classification Descriptions - LCS 00 01 05 12
Declarations Extension Schedule - Miscellaneous Charges - LCS 00 03 05 12
Declarations Extension Schedule - Named Insured - LCS 00 04 10 14
Important Information Regarding Cyber Suite Claims Reporting and Response and Risk Control Services and Risk Control Services - CNL 90 17 04 24
Liberty Mutual Group Privacy Notice - SNI 04 01 06 24
Michigan Notice to Policyholders - SNI 21 01 07 10
Policyholder Disclosure Terrorism Risk Insurance Act - SNI 90 02 01 20
U.S. Treasury Department's Office of Foreign Assets Control ("OFAC") Advisory Notice To Policyholders - IL P 001 01 04
Annual Meeting Notice - LIL 90 04 06 13
Michigan Changes - CG 01 68 11 20
Michigan Changes-Cancellation And Nonrenewal - IL 02 86 04 17
Cap On Losses From Certified Acts Of Terrorism - CG 21 70 01 15

Exclusions (including but not limited to)

General Liability - War and Nuclear Hazard
General Liability - Mold / Fungus
General Liability - Bodily Injury and Property Damage from pollutants - Absolute Exclusion
General Liability - Losses arising from the ownership maintenance or use of aircraft (including drones), autos, or watercraft, with some minor exceptions including certain contractual obligations
General Liability - Employment Related Practices Exclusion
General Liability - Liquor Liability Exclusion
General Liability - Aircraft Products Exclusion
General Liability - Professional Liability Exclusion
General Liability - Real Property in Your Care, Custody, and Control Exclusion
General Liability - Absolute Asbestos Exclusion
General Liability - Absolute Lead Exclusion
General Liability - Asbestos Exclusion - LC 21 01 06 05
General Liability - Communicable Disease Exclusion - CG 21 32 05 09
General Liability - Discrimination Exclusion - LC 21 04 06 05
General Liability - Electromagnetic Hazard Exclusion - LC 21 208 11 24
General Liability - Employment - Related Practices Exclusion - CG 21 47 12 07
General Liability - Exclusion - Access Or Disclosure of Confidential or Personal Material or Information - CG 21 06 12 23
General Liability - Exclusion - All Dams, Levees or Dikes - LC 22 10 04 18
General Liability - Exclusion - Cyber Incident - CG 40 35 12 23
General Liability - Exclusion - Failure To Supply - CG 22 50 04 13
General Liability - Exclusion - Injury To Volunteer Firefighters - CG 22 56 07 98
General Liability - Exclusion - Law Enforcement Activities - CG 22 51 07 98
General Liability - Exclusion - Medical Payments Coverage (Inmates, Patients or Prisoners) - CG 22 52 10 93
General Liability - Exclusion - Riot, Civil Commotion Or Mob Action - Governmental Subdivisions - CG 22 31 07 98
General Liability - Exclusion - Services Furnished By Health Care Providers - CG 22 44 04 13
General Liability - Exclusion - Violation of Law Addressing Data Privacy - CG 00 69 12 23
General Liability - Fungi or Bacteria Exclusion (Legionella Bacterium Excluded) - LC 21 91 09 12

Exclusions (including but not limited to)
General Liability - Lead Exclusion - LC 21 06 06 07
General Liability - MTBE Exclusion - LC 21 65 08 07
General Liability - Nuclear Energy Liability Exclusion Endorsement (Broad) - IL 00 21 09 08
General Liability - PFC/PFAS Exclusion - LC 21 177 12 21
General Liability - Polychlorinated Biphenyls (PCBs) Exclusion - LC 21 38 06 07
General Liability - Radioactive Matter Exclusion - LC 21 39 06 07
General Liability - Radon Exclusion - LC 21 67 08 07
General Liability - Sewer Backup Exclusion - LC 21 200 12 23
General Liability - Sexual Misconduct Or Abuse Exclusion - LC 21 141 02 20
General Liability - Silica Exclusion - LC 21 02 06 05
General Liability - Total Pollution Exclusion - CG 21 49 09 99
General Liability - Total Wildfire Exclusion - LC 21 148 04 18
General Liability - Alaska Exclusion Of Punitive Damages Related To A Certified Act Of Terrorism - CG 26 93 01 15
General Liability - Arkansas Exclusion Of Punitive Damages Related To A Certified Act Of Terrorism - CG 26 86 01 15
General Liability - Exclusion Of Punitive Damages Related To A Certified Act Of Terrorism - CG 21 76 01 15

Public Officials Liability

<i>Carrier Information</i>	<i>Current GWK Program</i>	<i>Combined Entity Program</i>
Policy Term	8/1/2026 - 8/1/2027	10/01/2026 - 8/1/2027
Carrier	Liberty Mutual Fire Insurance Company	Liberty Mutual Fire Insurance Company
A.M. Best Rating	A XV	A XV
Admitted/Non-Admitted	Admitted	Admitted
Payment Plan	Paid in Full	Paid in Full
Payment Method	Agency Bill	Agency Bill

<i>Standard Coverages</i>	<i>Expiring</i>	<i>Proposed</i>
Each Wrongful Act	\$1,000,000	\$1,000,000
Aggregate Limit	\$2,000,000	\$2,000,000

<i>Deductibles/SIR</i>	<i>Expiring</i>	<i>Proposed</i>
Self Insured Retention	\$250,000	\$250,000

<i>Defense Limitations</i>	<i>Expiring</i>	<i>Proposed</i>
Public Officials Liability	Inside the Limit	Inside the Limit

<i>Form Type</i>	<i>Expiring</i>	<i>Proposed</i>
Form Type	Occurrence	Occurrence

\$15M Umbrella Liability

Carrier Information	Current GWK Program	Combined Entity Program
Policy Term	8/1/2026 - 8/1/2027	10/01/2026 - 8/1/2027
Carrier	Liberty Insurance Corporation	Liberty Insurance Corporation
Admitted/Non-Admitted	Admitted	Admitted
Payment Plan	Paid in Full	Paid in Full
Payment Method	Agency Bill	Agency Bill

Standard Coverages	Expiring	Proposed
Each Occurrence Limit	\$15,000,000	\$15,000,000
Aggregate	\$15,000,000	\$15,000,000

Additional Coverages	Expiring	Proposed
Aggregate Limits Follow Form Underlying Policies	Included	Included

Form Type	Expiring	Proposed
Form Type	Occurrence	Occurrence

Exclusions (including but not limited to)
Employment Related Practices Exclusion
Professional Liability Exclusion
Workers' Compensation, Auto No Fault, Uninsured/ Underinsured Motorists, Disability, and Unemployment Compensation Laws
Pollution (Hostile Fire Exception)
Asbestos
Physical Damage to Property in Insured's Care, Custody, or Control
Auto First-party Coverage
Pollution (Auto)
Products Recall
Total Pollution Exclusion
Retained Limit

Underlying Policies:

Coverage	Description	Limit	Carrier Name	Effective Date	Expiration Date
General Liability	Each Occurrence Limit	\$1,000,000	Liberty Mutual Fire Insurance Company	8/1/2026	8/1/2027
General Liability	General Aggregate Limit	\$2,000,000	Liberty Mutual Fire Insurance Company	8/1/2026	8/1/2027
General Liability	Products-Completed Operations Limit	\$2,000,000	Liberty Mutual Fire Insurance Company	8/1/2026	8/1/2027
General Liability	Personal and Advertising Injury Limit	\$1,000,000	Liberty Mutual Fire Insurance Company	8/1/2026	8/1/2027
General Liability	Damage to Premises Rented to You (or any premises)	\$100,000	Liberty Mutual Fire Insurance Company	8/1/2026	8/1/2027
General Liability	Medical Expense Limit (any one)	\$5,000	Liberty Mutual Fire	8/1/2026	8/1/2027

Underlying Policies:

<i>Coverage</i>	<i>Description</i>	<i>Limit</i>	<i>Carrier Name</i>	<i>Effective Date</i>	<i>Expiration Date</i>
	person)		Insurance Company		
Public Officials Liability	Each Wrongful Act	\$1,000,000	Liberty Mutual Fire Insurance Company	8/1/2026	8/1/2027
Public Officials Liability	General Aggregate Limit - Policy	\$2,000,000	Liberty Mutual Fire Insurance Company	8/1/2026	8/1/2027

Premium Summary

Account Name	Effective Date	Line of Business	Current Program Limits	Combined Program Limits	Current Premium	26-27 Total Annual Premium Current Program (Clinton River, Chapter 20 Renewals, and HRSDD Quote)	Annualized - Combined Total	Annualized Savings	Pro-Rated - Combined Total
George W. Kuhn	1-Aug-26	POL	\$1M/\$2M	\$1M/\$2M	\$ 198,812	\$ 198,812	\$ 198,821		\$ 198,821
George W. Kuhn	1-Aug-26	GL	\$1M/\$2M	\$1M/\$2M					
George W. Kuhn	1-Aug-26	UMB	\$20M/\$20M	\$20M/\$20M					
Intra-County Drain Program	1-Oct-26	POL	\$1M/\$2M	\$1M/\$2M	\$ 142,481	\$ 149,082	\$ 120,600	-19%	\$ 100,500
Intra-County Drain Program	1-Oct-26	GL	\$1M/\$2M	\$1M/\$2M					
Intra-County Drain Program	1-Oct-26	UMB	\$10M/\$10M	\$20M/\$20M					
Huron-Rouge	1-Oct-26	POL	NCP	\$1M/\$2M	No Coverage	\$ 101,602	\$ 40,000	-61%	\$ 33,333
Huron-Rouge	1-Oct-26	GL	NCP	\$1M/\$2M					
Huron-Rouge	1-Oct-26	UMB	NCP	\$20M/\$20M					
Clinton River Water Resource Recovery Facility	5-Oct-26	POL	\$1M/\$2M	\$1M/\$2M	\$ 337,097	\$ 358,904	\$ 298,200	-17%	\$ 245,095
Clinton River Water Resource Recovery Facility	5-Oct-26	GL	\$1M/\$2M	\$1M/\$2M					
Clinton River Water Resource Recovery Facility	5-Oct-26	UMB	\$10M/\$10M	\$20M/\$20M					
					\$ 678,390	\$808,400	\$657,621	-18.7%	\$ 577,749



RESOLUTION OF THE DRAINAGE BOARD FOR THE GEORGE W. KUHN DRAIN DRAINAGE DISTRICT REGARDING THE INCLUSION OF ADDITIONAL DRAINAGE DISTRICTS AND PROGRAMS WITHIN THE DISTRICT'S INSURANCE PROGRAM

WHEREAS, the George W. Kuhn Drain Drainage District (the "District") maintains a comprehensive insurance program providing General Liability, Public Officials Liability, and Excess Liability coverage for its operations, governance, and potential liabilities; and

WHEREAS, the District has evaluated opportunities to enhance the administration and efficiency of its insurance program through the inclusion of related drainage districts and programs under a common insurance structure; and

WHEREAS, the District has determined that the inclusion of the following entities within its insurance program is operationally, administratively, and financially beneficial:

- Huron Rouge Sanitary Drain Drainage District
- Clinton River Water Resource Recovery Facility Drainage District
- Intra-County Drain Program

WHEREAS, the Drainage Board finds that the inclusion of these entities within the District's insurance program will promote consistency in coverage administration, facilitate coordinated risk management practices, and provide an efficient framework for the allocation of premiums and retentions among participating entities.

NOW, THEREFORE, BE IT RESOLVED, that the Drainage Board for the George W. Kuhn Drain Drainage District hereby acknowledges and approves, effective October 1st, 2026, & October 5th, 2026, the inclusion of the foregoing entities within the District's insurance program.

BE IT FURTHER RESOLVED, that the insurance program maintained for the George W. Kuhn Drain Drainage District shall provide General Liability, Public Officials Liability, and Excess Liability coverage for the participating entities, subject to the terms, conditions, exclusions, limits, retentions, and endorsements of the applicable insurance policies.

BE IT FURTHER RESOLVED, that each participating entity shall be included as an insured entity under the applicable policies issued for the George W. Kuhn Drain Drainage District, subject to administration and allocation of premiums, retentions, deductibles, and other insurance-related costs as determined by the District and its authorized representatives.

BE IT FURTHER RESOLVED, that the Drainage Board finds that the continued administration of these coverages through a unified insurance program serves the best interests of the District and the participating entities by promoting efficient insurance procurement, enhanced risk management, and long-term program stability.

BE IT FURTHER RESOLVED, that the Oakland County Water Resources Commissioner is authorized to take such actions and execute such documents as may be necessary to implement this Resolution and maintain the referenced insurance coverage arrangement.

Adopted by the Drainage Board of the George W. Kuhn Drain Drainage District on this ____ day of _____, 2026.

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **GEORGE W. KUHN DRAIN**

DATE: Tuesday, September 22, 2026

SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17986	Drummond Carpenter	Invoice No. 6256; Professional Services	\$8,875.96			
				Project Total:	\$8,875.96	
17541	Tetra Tech	Invoice No. 52632526; Professional Services	\$3,146.00			
				Project Total:	\$3,146.00	
18155	ADS	Invoice No. 36065-0526-EQP; Products & Services	\$24,375.00			
				Project Total:	\$24,375.00	
17496	FK Engineering	Invoice No. 24-039-021 Revised; Construction Services	\$6,551.25			SINV00444786
				Project Total:	\$6,551.25	
17587	Fishbeck	Invoice No. 000000468924; Professional Services	\$2,730.00			
				Project Total:	\$2,730.00	
17690	NTH Consultants	Invoice No. 642856; Professional Services	\$2,421.00			
				Project Total:	\$2,421.00	
17834	HRC	Invoice No. 0239883; Professional Services	\$2,161.65			
				Project Total:	\$2,161.65	
18066	HRC	Invoice No. 0239891; Professional Services	\$5,343.08			
				Project Total:	\$5,343.08	
N/A	D'Angelo Brothers Inc.	Invoice No. 1145-66; Services, Labor & Materials	\$4,229.42			
	Shaw	Invoice No. 910017494; Labor, Parts & Materials	\$5,244.48			
	Dickinson Wright	Invoice No. 2184911; Legal Services	\$1,412.40			
	Dickinson Wright	Invoice No. 2186115; Legal Services	\$21,915.61			
				Total:	\$32,801.91	
				Grand Total:	\$88,405.85	

3. Huron Rouge Sanitary Drain

AGENDA

DRAINAGE BOARD FOR THE HURON ROUGE SANITARY DRAIN

September 22, 2026

1. Call meeting to order
2. Approve meeting agenda for September 22, 2026
3. Approve minutes of meeting of August 25, 2026
4. Public Comments
5. Present Gallagher Proposal of Insurance and Resolution
6. Other Business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE HURON ROUGE SANITARY DRAIN**

August 25, 2026

A meeting of the Drainage Board for the Huron Rouge Sanitary Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 25th day of August 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Markham moved, seconded by Woodward, to approve the August 25, 2026, agenda as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Minutes of the meeting held July 28, 2026, were presented for consideration. Markham moved, seconded by Woodward, to approve the minutes as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Chairperson Nash asked if there were any public comments. There were none.

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund from the maintenance fund in the amount of \$4,495.00, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund from the construction fund in the amount of \$29,428.99, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

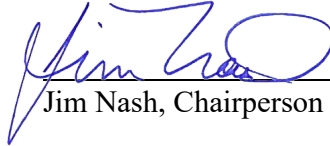
Nash moved, seconded by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

MOTION CARRIED: Yeas – 3, Nays – 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Huron Rouge Sanitary Drain, Oakland County, Michigan, held on the 25th day of August 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner, which is the principal office of the Drainage Board for the Huron Rouge Sanitary Drain Drainage District.



Jim Nash, Chairperson

Dated: August 25, 2026



Proposal of Insurance for Pollution Liability Coverage Huron Rouge Sanitary Drain Drainage District

One Public Works Drive
Bldg. 95 West
Waterford, MI 48328

Presentation Date: September 22nd, 2026

Arthur J Gallagher Risk Management Services, LLC
A/JG License Nos. IL 100292093 / CA 0D69293



Gallagher

Insurance | Risk Management | Consulting

Named Insured Schedule

Named Insured

Huron-Rouge Sanitary Drain Drainage District
County of Oakland, Michigan
Oakland County Water Resources Commissioner

Note: Any entity not named in this proposal may not be an insured entity. This may include affiliates, subsidiaries, LLCs, partnerships, and joint ventures.

Location Schedule

LOCATION ADDRESS

Huron Rouge SRT Flow Regulator
Huron Rouge Sewage Retention Facility
Huron Rouge SDS Meter 5730
9.5 Miles of Pipe

Full Program Details

Pollution Liability

Carrier Information	Proposed (304 Days)
Policy Term	10/01/2026 - 08/01/2027
Carrier	ACE American Insurance Company
Admitted/Non-Admitted	Admitted
Payment Method	Agency Bill

Premium & Exposures	Proposed
Premium	\$33,388.00

Standard Coverages	Proposed
Per Occurrence Limit	\$5,000,000
Policy Aggregate Limit	\$5,000,000

Deductibles/SIR	Proposed
Self-Insured Retention	\$250,000

Form Type	Proposed
Form Type	Claims Made
Retroactive Date	9/22/2026
Pending & Prior Date	9/22/2026
Continuity Date	9/22/2026

Claims Made Disclaimer:

Should you elect to change carriers (if a new retroactive date is provided) or non-renew this policy, a supplemental extended reporting endorsement may be available subject to policy terms and conditions. You must request the extended reporting period in writing to the carrier within (90) days of the expiration date. The cost of this extended reporting period is 200% of the annual premium and is fully earned. The extended reporting period extends only to those claims made during the extended reporting period for wrongful acts that occurred prior to the expiration date and would have been covered by the policy. Claims must be reported to the carrier within 33 months of the end of the policy period. The extended reporting period does not increase the limits of liability and is subject to all policy terms, conditions and exclusions.

Premium Summary

Line of Coverage		Proposed \$5M Limit
		ACE American Insurance Company
Pollution Liability	Premium	\$33,388
	Estimated Cost*	
	Days of Coverage	304 Days
	Limit of Liability	\$5M/\$5M
Total Program Cost		\$33,388

*Estimated Cost includes all taxes, fees, surcharges and TRIA premium (if applicable)

Gallagher is responsible for the placement of the following lines of coverage:

It is understood that any other type of exposure/coverage is either self-insured or placed by another brokerage firm other than Gallagher. If you need help in placing other lines of coverage or covering other types of exposures, please contact your Gallagher representative.

Premiums are due and payable as billed and may be financed, subject to acceptance by an approved finance company. Following acceptance, completion (and signature) of a premium finance agreement with the specified down payment is required. Note: Unless prohibited by law, Gallagher may earn compensation for this optional value-added service.

RESOLUTION OF THE DRAINAGE BOARD FOR THE HURON ROUGE SANITARY DRAIN DRAINAGE DISTRICT REGARDING INSURANCE COVERAGE

WHEREAS, the Huron Rouge Sanitary Drain Drainage District (the "District") is a Chapter 20 Drainage District established pursuant to the Michigan Drain Code of 1956, as amended; and

WHEREAS, the District desires to maintain appropriate insurance protection for its operations, governance, and potential liabilities; and

WHEREAS, the District has been advised that it is operationally, administratively and financially beneficial to include its General Liability, Public Officials Liability, and Excess Liability insurance coverages within the insurance program maintained for the George W. Kuhn Drain Drainage District; and

WHEREAS, the Drainage Board has reviewed the proposed insurance arrangement and finds that such inclusion will continue to provide appropriate protection for the District while facilitating efficient administration of insurance coverage.

NOW, THEREFORE, BE IT RESOLVED, that the governing body hereby acknowledges and approves effective October 5, 2026, the inclusion of the following coverages:

- General Liability Coverage
- Public Officials Liability Coverage
- Excess Liability Coverage

Combined within the insurance program maintained for the George W. Kuhn Drain Drainage District, which renewed on August 1, 2026, and renews annually thereafter.

BE IT FURTHER RESOLVED, that the entity shall be included as an insured entity under the applicable General Liability, Public Officials Liability, and Excess Liability policies issued for the George W. Kuhn Drain Drainage District, subject to the terms, conditions, exclusions, limits, retentions of such policies, subject to administration of any and all applicable premium and retention allocations.

BE IT FURTHER RESOLVED, that the Oakland County Water Resources Commissioner is authorized to take such actions and execute such documents as may be necessary to implement this Resolution and maintain the referenced insurance coverage.

Adopted on this __ day of _____, 2026.

4. Clinton River Water Resource Recovery Facility

AGENDA
DRAINAGE BOARD FOR
THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY

September 22, 2026

1. Call meeting to order
2. Approve meeting agenda for September 22, 2026
3. Approve minutes of meeting of August 25, 2026
4. Public Comments
5. Present Gallagher Proposal of Insurance and Resolution
6. Present Memorandum requesting the Board authorize a service contract with the HESCO Group, LLC and authorize the Chairperson to execute it
7. Present Change Order No. 18 for Clark Construction Company for construction of the Optimization Phase I Project for a net decrease in the amount of \$210,820.00
8. Present Construction Estimate No. 26 for Clark Construction Company for construction of the Optimization Phase I Project in the amount of \$222,972.52
9. Present Construction Estimate No. 20 for Clark Construction Company for construction of the Optimization Phase II Project in the amount of \$859,805.58 with a transfer to the Oakland County Treasurer in the amount of \$95,533.95
10. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$213,501.18
11. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund in the amount of \$141,870.51
12. Other business
13. Approve pro rata payment to Drainage Board members
14. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY**

August 25, 2026

A meeting of the Drainage Board for the Clinton River Water Resource Recovery Facility was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 25th day of August 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Markham moved, seconded by Woodward, to approve the August 25, 2026, agenda as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Minutes of the meeting held July 28, 2026, were presented for consideration. Markham moved, seconded by Woodward, to approve the minutes as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Chairperson Nash asked if there were any public comments. There were none.

Markham moved, seconded by Woodward, to authorize staff to negotiate an as-needed contract with Hydro International and authorize the Chairperson to execute the contract, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to adopt the resolution indemnifying, defending, and holding harmless Oakland County and the Water Resources Commissioner in his capacity as a countywide elected official, as presented.

Chair Nash recused himself from consideration and did not participate in the vote.

MOTION CARRIED: Yeas – 2, Nays – 0

Markham moved, seconded by Woodward, to approve Construction Estimate No. 25 for Clark Construction Company for construction of the Optimization Phase I Project in the amount of \$812,978.55, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Construction Estimate No. 19 for Clark Construction Company for construction of the Optimization Phase II Project in the amount of \$600,822.49 with a transfer to the Oakland County Treasurer in the amount of \$66,758.05, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund from the maintenance fund in the amount of \$1,069,573.00, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund from the construction fund in the amount of \$301,748.43, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

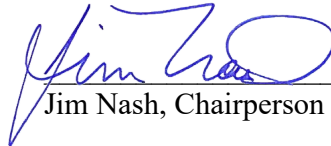
Nash moved, seconded by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

MOTION CARRIED: Yeas – 3, Nays – 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Clinton River Water Resource Recovery Facility, Oakland County, Michigan, held on the 25th day of August 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner, which is the principal office of the Drainage Board for the Clinton River Water Resource Recovery Facility.



Jim Nash, Chairperson

Dated: August 25, 2026



Proposal of Insurance: Pollution Liability & Cyber Liability Coverage Clinton River Water Resource Recovery Facility Drainage District

One Public Works Drive
Bldg. 95 West
Waterford, MI 48328

Presentation Date: September 22nd, 2026

Arthur J Gallagher Risk Management Services, LLC
A/JG License Nos. IL 100292093 / CA 0D69293



Gallagher

Insurance | Risk Management | Consulting

Named Insured Schedule

Named Insured

City of Pontiac Wastewater Treatment Facility Drainage District (COPWWTFDD)
Clinton River Water Resource Recovery Facility Drain District (CRWRRFDD)
County of Oakland, Michigan
Oakland County Water Resources Commissioner

Note: Any entity not named in this proposal may not be an insured entity. This may include affiliates, subsidiaries, LLCs, partnerships, and joint ventures.

Location Schedule

LOC #	LOCATION ADDRESS
1	155 Opdyke, Pontiac, MI 48342
2	274 MLK Blvd, Pontiac, MI 48342

Full Program Details

Pollution Liability

Carrier Information	Expiring (365 Days)	Proposed (300 Days)
Policy Term	10/5/2025 - 10/5/2026	10/5/2026 - 8/1/2027
Carrier	ACE American Insurance Company	ACE American Insurance Company
Admitted/Non-Admitted	Admitted	Admitted
Payment Method	Agency Bill	Agency Bill

Premium & Exposures	Expiring	Proposed
Premium	\$24,689.00	\$20,724.00

Standard Coverages	Expiring	Proposed
Per Occurrence Limit	\$1,000,000	\$1,000,000
Policy Aggregate Limit	\$1,000,000	\$1,000,000

Deductibles/SIR	Expiring	Proposed
Self-Insured Retention	\$250,000	\$250,000

Form Type	Expiring	Proposed
Form Type	Claims Made	Claims Made
Retroactive Date	10/05/2021	10/05/2021
Pending & Prior Date	10/05/2021	10/05/2021
Continuity Date	10/05/2021	10/05/2021

Claims Made Disclaimer:

Should you elect to change carriers (if a new retroactive date is provided) or non-renew this policy, a supplemental extended reporting endorsement may be available subject to policy terms and conditions. You must request the extended reporting period in writing to the carrier within (90) days of the expiration date. The cost of this extended reporting period is 200% of the annual premium and is fully earned. The extended reporting period extends only to those claims made during the extended reporting period for wrongful acts that occurred prior to the expiration date and would have been covered by the policy. Claims must be reported to the carrier within 33 months of the end of the policy period. The extended reporting period does not increase the limits of liability and is subject to all policy terms, conditions and exclusions.

Cyber Liability

Carrier Information	Expiring	Proposed
Policy Term	10/5/2025 - 10/5/2026	10/5/2026 - 10/5/2027
Carrier	State National Insurance Company, Inc.	State National Insurance Company, Inc.
Admitted/Non-Admitted	Admitted	Admitted
Payment Method	Agency Bill	Agency Bill

Premium & Exposures	Expiring	Proposed
Premium	\$5,130.00	\$6,570.00

Standard Coverages	Expiring	Proposed
Insuring Agreement #1 – Cyber Incident Response		
Incident Response Costs	\$1,000,000	\$1,000,000
Legal and Regulatory Costs	\$1,000,000	\$1,000,000
IT Security and Forensic Costs	\$1,000,000	\$1,000,000
Crisis Communication Costs	\$1,000,000	\$1,000,000
Privacy Breach Management Costs	\$1,000,000	\$1,000,000
Third Party Privacy Breach Management Costs	\$1,000,000	\$1,000,000
Post Breach Remediation Costs	\$50,000	\$50,000
Insuring Agreement #2 – Cyber Crime		
Electronic Theft of your Financial Assets	\$250,000	\$250,000
Electronic Theft of Third-Party Funds Held in Escrow	\$250,000	\$250,000
Electronic Theft of Personal Financial Assets	\$250,000	\$250,000
Extortion	\$1,000,000	\$1,000,000
Authorized Push Payment Fraud	\$250,000	\$250,000
Telephone Hacking	\$250,000	\$250,000
Unauthorized Use of Computer Resources	\$250,000	\$250,000
Insuring Agreement #3 – System Damage and Business Interruption		
System Damage and Rectification Costs	\$1,000,000	\$1,000,000
Income Loss and Extra Expense	\$1,000,000	\$1,000,000
Dependent Business Interruption	\$1,000,000	\$1,000,000
Claim Preparation Costs	\$25,000	\$25,000
Insuring Agreement #4 – Network Security & Privacy Liability		
Network Security Liability	\$1,000,000	\$1,000,000
Privacy Liability	\$1,000,000	\$1,000,000
Management Liability	\$1,000,000	\$1,000,000
Regulatory Investigation Costs	\$1,000,000	\$1,000,000
Merchant Services Liability	\$1,000,000	\$1,000,000
Insuring Agreement #5 – Media Liability		
Defamation	\$1,000,000	\$1,000,000
Intellectual Property Rights Infringement	\$1,000,000	\$1,000,000
Aggregate Policy Limit	\$1,000,000	\$1,000,000

Deductibles/SIR	Expiring	Proposed
Insuring Agreements #1, 3, 4, & 5	\$2,500	\$2,500
Insuring Agreement #2 – Cyber Crime	\$5,000	\$5,000
Indemnity Period	6 Months	6 Months
Waiting Period	8 Hours	8 Hours

Form Type	Expiring	Proposed
Form Type	Claims Made	Claims Made
Retroactive Date	Unlimited	Unlimited

Claims Made Disclaimer:

Should you elect to change carriers (if a new retroactive date is provided) or non-renew this policy, a supplemental extended reporting endorsement may be available subject to policy terms and conditions. You must request the extended reporting period in writing to the carrier within (30) days of the expiration date. The cost of this extended reporting period is [100] % of the annual premium and is fully earned. The extended reporting period extends only to those claims made during the extended reporting period for wrongful acts that occurred prior to the expiration date and would have been covered by the policy. Claims must be reported to the carrier within (365) days of the end of the policy period. The extended reporting period does not increase the limits of liability and is subject to all policy terms, conditions and exclusions.

Premium Summary

Line of Coverage		Expiring	Proposed
		ACE American Insurance Company	ACE American Insurance Company
Pollution Liability	Premium	\$24,689	\$20,724
	Estimated Cost*		
	Days of Coverage	365 Days	300 Days
	Limit of Liability	\$1M/\$1M	\$1M/\$1M
		State National Insurance Company, Inc.	State National Insurance Company, Inc.
Cyber Liability	Premium	\$5,130	\$6,570
	Estimated Cost*		
	Days of Coverage	365 Days	365 Days
	Limit of Liability	\$1M/\$1M	\$1M/\$1M
Total Program Cost		\$29,819	\$27,294

*Estimated Cost includes all taxes, fees, surcharges and TRIA premium (if applicable)

Gallagher is responsible for the placement of the following lines of coverage:

General Liability, Public Officials, Excess Liability, Cyber, Pollution

It is understood that any other type of exposure/coverage is either self-insured or placed by another brokerage firm other than Gallagher. If you need help in placing other lines of coverage or covering other types of exposures, please contact your Gallagher representative.

Premiums are due and payable as billed and may be financed, subject to acceptance by an approved finance company. Following acceptance, completion (and signature) of a premium finance agreement with the specified down payment is required. Note: Unless prohibited by law, Gallagher may earn compensation for this optional value-added service.

RESOLUTION OF THE DRAINAGE BOARD FOR THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY DRAINAGE DISTRICT REGARDING INSURANCE COVERAGE

WHEREAS, the Clinton River Water Resource Recovery Facility Drainage District (the "District") is a Chapter 20 Drainage District established pursuant to the Michigan Drain Code of 1956, as amended; and

WHEREAS, the District desires to maintain appropriate insurance protection for its operations, governance, and potential liabilities; and

WHEREAS, the District has been advised that it is operationally, administratively and financially beneficial to include its General Liability, Public Officials Liability, and Excess Liability insurance coverages within the insurance program maintained for the George W. Kuhn Drain Drainage District; and

WHEREAS, the Drainage Board has reviewed the proposed insurance arrangement and finds that such inclusion will continue to provide appropriate protection for the District while facilitating efficient administration of insurance coverage.

NOW, THEREFORE, BE IT RESOLVED, that the governing body hereby acknowledges and approves effective October 5, 2026, the inclusion of the following coverages:

- General Liability Coverage
- Public Officials Liability Coverage
- Excess Liability Coverage

Combined within the insurance program maintained for the George W. Kuhn Drain Drainage District, which renewed on August 1, 2026, and renews annually thereafter.

BE IT FURTHER RESOLVED, that the entity shall be included as an insured entity under the applicable General Liability, Public Officials Liability, and Excess Liability policies issued for the George W. Kuhn Drain Drainage District, subject to the terms, conditions, exclusions, limits, retentions of such policies, subject to administration of any and all applicable premium and retention allocations.

BE IT FURTHER RESOLVED, that the Oakland County Water Resources Commissioner is authorized to take such actions and execute such documents as may be necessary to implement this Resolution and maintain the referenced insurance coverage.

Adopted on this __ day of _____, 2026.

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER****MEMORANDUM**

TO: Jim Nash, Chairperson of the Clinton River Water Resource Recovery Facility Drainage District Board

FROM: Mary Skywinter, PE, PMP, MBA, WRR Chief Engineer

SUBJECT: Phase I Optimization Maintenance Contract with HESCO

DATE: September 22, 2026

The Clinton River Water Resource Recovery Facility (CRWRRF) Phase I Optimization Project includes an energy cogeneration that will increase energy efficiency for the entire facility. The cogeneration system is nearly complete and is expected to be fully operational in January 2027. An essential piece of the cogeneration system is the biogas cleaning skid.

The original project considered three gas cleaning suppliers and Unison Solutions was selected after a qualifications-based competitive bid process executed by Clark Construction Company. Clark was awarded the overall project through Oakland County's standard bidding process. Clark's contract includes minimum requirements for maintenance services for the first five years of operation of the gas skid. Clark contracted with the HESCO Group, LLC. Unison's designated service provider for southeast Michigan to ensure the service requirements would be met.

As a general contractor, Clark would not typically have continued involvement with a project once the construction is completed. However, the HESCO contract is currently with Clark rather than with the Drainage District. That contract requires Clark to oversee the project for the next five years. This service contract was included as part of the original project bid to ensure equipment reliability. In this case, the Phase I Optimization Project is being funded by a State Revolving Fund loan, which is reserved for Capital expenses and cannot be used to cover maintenance costs.

It is recommended that the Board authorize staff to approve the biogas skid service agreement directly with HESCO to sustain long-term process efficiency and sustainability. HESCO has previously provided dependable support for the CRWRRF and serves as Unison's designated maintenance provider for this equipment.

Upon Board approval, staff will present a change order to remove the biogas cleaning skid service portion from the Clark contract for CRWRRF Phase I. The contract amount will be reduced to reflect the value of the service agreement being removed from the project.

Requested Action: Authorize a service contract with the HESCO Group, LLC. and authorize the chairperson to execute it.

CHANGE ORDER NO. 18

**Jim Nash, Oakland County Water Resources Commissioner
Clinton River Water Resource Recovery Facility Drainage District
For Construction of the CRWRRF Optimization Phase I Project
City Of Pontiac
Oakland County, Michigan**

Authorization for Extras To & Changes In Contract

Department No. : 6010101

Fund No. : FND84686

Project No. : PRJ-17461

Account No. : 731472

Program No. : PRG149015

Project Activity : FAC

Contract PO : PO 00043820

Contractor :

Clark Construction Company

2660 Superior Court

Auburn Hills, MI 48326

Contract No. : 10566

Date of Contract: 10/24/23

Completion Date: 1/30/27

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
18-1	LOCATION: Clinton River Water Resource Recovery Facility Main Electrical Building DESCRIPTION (Extra/Add): Add interlock wiring between main breakers and cogen feeder breaker as required by DTE and described in attached Work Directive #22 dated April 16, 2026.	LS	1.0	\$107,107	\$107,107	---
18-1	REASON: Required for DTE Interconnection Agreement					

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
18-2	DESCRIPTION (Extra/Add): Add keyed interlock bypass switches are required by DTE and described in attached Work Directive #24 dated July 8, 2026.	LS	1.0	\$24,545	\$24,545	---
18-2	REASON: Required by DTE prior to approving equipment energization.					
18-3	DESCRIPTION (Extra/Add): Additional signage for Main Electric Building	LS	1.0	\$1,032	\$1,032	---
18-3	REASON: To ensure safety of those who are entering the MEB after the energization of the switchgear is complete. This issue is described in Work Directive #26, dated August 24, 2026					
18-4	DESCRIPTION (Change/Delete): Remove HESCO 5-year service agreement for Unison gas cleaning equipment.	LS	-1.0		---	\$348,000
18-4	REASON: Allow for direct WRC coordination with HESCO rather than this be managed by Clark Construction as described in related memo to the Board dated September 22, 2026.					

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
18-5	DESCRIPTION (Extra/Add): Additional time was needed by the Contractor to address an issue with the driveway grade design.	LS	1.0	\$4,496	\$4,496	
18-5	REASON: During preparation of sub base of the driveway into the back of the WRRF, Contractor discovered an discrepancy in the grades provided in the deisgn. Claim 22, issued on August 25, 2026, documents					
				Totals	\$137,180	\$348,000
				Net		
				Decrease	---	\$210,820

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

CHANGE ORDER NO. 18

**Jim Nash, Oakland County Water Resources Commissioner
Clinton River Water Resource Recovery Facility Drainage District
For Construction of the CRWRRF Optimization Phase I Project
City Of Pontiac
Oakland County, Michigan**

Prepared by: _____ Date: _____
Jennifer Cook, P.E. - WRC Project Engineer

Recommended by: _____ Date: _____
Allen Gelderloos, P.E. Consulting Engineer (Jacobs)

Approved by: _____ Date: _____
Joel Brown, P.E. Chief Engineer

Approved by: _____ Date: _____
Steve Korth, P.E. Chief Manager

Except as included in this Change Order, the Agreement remains unchanged. Agreement on this Change Order shall constitute a final settlement of all matters relating to the change in the Work that is the subject of this Change Order, including, but not limited to, all direct and indirect costs associated with such change, and all effects of such change on unchanged Work and any and all adjustments to the Contract Sum and the Contract Time. By signing this Change Order, Contractor attests that the change in the amount of the Contract Sum authorized by the Change Order represents compensation in full for all costs, markup, and expenses, direct and indirect, associated with or attributable to the Change Order including any costs resulting from or caused by delays, impacts, acceleration, disruption, or loss of efficiency encountered by Contractor in the performance of the Work related to the Change Order, except as expressly identified and specifically reserved in the Change Order.

In addition, Contractor for itself, its Subcontractors and any other persons or entities acting by, through, or under them (collectively, "Releasors"), releases Owner, from any and all actual or potential claims or demands for delays, disruptions, additional work, additional compensation or an extension of the Contract Time, which Releasors may have, or in the future might have, against Owner, by reason of, based, on or in any manner connected with the subject of this Change Order or the performance of the Work identified in this Change Order, except as expressly identified and specifically reserved in the Change Order. This Change Order supersedes any referenced Work Directive.

The Contractor agrees to do the work described above and agrees to accept the Contract Sum and the Contract Time adjustments in full on the basis indicated.

Accepted by: _____ Date: _____
Karen M. Middleton, Sr. Project Manager
Clark Construction Company

This Change Order was approved by the Drainage Board on:

Jim Nash, Oakland County Water Resources Commissioner
Clinton River Water Resource Recovery Facility (CRWRRF) Drainage District
For Construction of the CRWRRF Optimization I
City of Pontiac
Oakland County, Michigan

Construction Estimate No. 26

Date : 9/11/2026

Department No. : 6010101

Fund No. : 84686

Project No. : PRJ-17461

Period : August 1, 2026 to August 31, 2026

PO No. PO 00043820

Account No. : 731472

Program No. : 149015

Activity : FAC

Vendor No. : 40855

Contract No. : CON00010566

Notice to Proceed : 11/17/2023

Substantial Completion Date : 11/16/2026

Final Completion Date : 01/30/2027

Contractor :

Clark Construction Company

2660 Superior Court

Auburn Hills, MI 48326

Original Contract Amount:

\$30,550,434.00

Previous Change Order Numbers (1 through 16):

\$597,651.00

Change Orders This Estimate Numbers:

\$0.00

Total Net Change Orders:

\$597,651.00

Adjusted Contract Amount:

\$31,148,085.00 ✓

Subtotal To Date: (Sheet 2 of 2 Column 7)

\$28,129,520.81

Less Deductions to Date: (Sheet 2 of 2 Column 7)

\$0.00

Gross Estimate: (Work in Place)

90.31%

\$28,129,520.81

Less Amount Reserved: (5% of Adjusted Contract Amount)

\$1,557,404.25

Total Amount Allowed To Date:

\$26,572,116.56

Less Previous Estimates:

\$26,349,144.04

Net Payment Request To Be Paid To Contractor:

\$222,972.52 ✓

Reserve Payment to Contractor

\$0.00

Balance of Contract To Date

\$3,018,564.19 ✓

Accounting Auditor:

KES

Less Previous Transfers To Reserve:

\$1,557,404.25

Amount of Current Transfer:

\$0.00

Prepared by: _____
Jacobs Consultants, Inc. - Consulting Engineer

Date: _____

Recommended by: _____
Jen Cook, P.E. - Assistant Chief Engineer

Date: _____

Approved by: _____
Joel Brown, P.E. - Chief Engineer

Date: _____

Approved by: _____
Gary Nigro, P.E. - Manager

Date: _____

Approved by Board on: _____

Jim Nash, Oakland County Water Resources Commissioner
Clinton River Water Resource Recovery Facility (CRWRRF) Drainage District
For Construction of the CRWRRF Optimization II
City of Pontiac
Oakland County, Michigan

Construction Estimate No. 20	Estimate Period : August 1, 2026 to August 31, 2026
Date : 9/11/2026	PO No. : PO 00076494
Department No. : 6010101	Account No. : 731472
Fund No. : 84686	Program No. : 149015
Project No. : PRJ-17720	Activity : FAC
	Vendor No. : 40855
Contractor :	Contract No. : CON00011282
Clark Construction Company	Notice to Proceed : 10/28/2024
2660 Superior Court	Substantial Completion Date : 10/28/2027
Auburn Hills, MI 48326	Final Completion Date : 01/26/2028
Original Contract Amount:	\$35,893,916.00
Previous Change Order Numbers (1 through 6):	\$251,365.00
Change Orders This Estimate Numbers (7):	\$2,265.00
Total Net Change Orders:	\$253,630.00
Adjusted Contract Amount:	\$36,147,546.00 ✓
Subtotal To Date: (Sheet 2 of 2 Column 7)	\$14,365,298.22
Less Deductions to Date: (Sheet 2 of 2 Column 7)	\$0.00
Gross Estimate: (Work in Place) 39.74%	\$14,365,298.22
Less Amount Reserved: (10% of Gross Estimate)	\$1,436,529.82
Total Amount Allowed To Date:	\$12,928,768.40
Less Previous Estimates:	\$12,068,962.82
Net Payment Request To Be Paid To Contractor:	\$859,805.58 ✓
Reserve Payment to Contractor	\$0.00
Balance of Contract To Date \$21,782,247.78 ✓	Accounting Auditor: KES 9/14/2026
Less Previous Transfers To Reserve:	\$1,340,995.87
Amount of Current Transfer:	\$95,533.95 ✓
Prepared by: _____ Jacobs Consulting Inc. - Consulting Engineer	Signed by: Allen Gelderloos, P.E. Date: 14-Sep-2026
Recommended by: _____ Jen Cook, P.E. - Project Engineer	Date: 15-Sep-2026
Approved by: _____ Joel Brown, P.E. - Chief Engineer	Date: _____
Approved by: _____ Gary Nigro, P.E. - Manager	Date: _____
Approved by Board on: _____	

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **CLINTON RIVER WATER RESOURCE RECOVERY FACILITY**
(Maintenance)
DATE: Tuesday, September 22, 2026
SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
13517	Bedrock Express	Invoice No. 156237; Limestone	\$2,552.52			
			Project Total:	\$2,552.52		
17940	CDM Smith	Invoice No. 90272145; As-Needed Engineering	\$5,272.56			
			Project Total:	\$5,272.56		
13451	D'Angelo Brothers	Invoice No. 1204-01R; Concrete & Asphalt Restoration	\$7,393.50			
			Project Total:	\$7,393.50		
17549	Tetra Tech	Invoice No. 52632542; Professional Services	\$8,035.00			
	Tetra Tech	Invoice No. 52639548; Professional Services	\$4,140.00			
			Project Total:	\$12,175.00		
17082	NTH	Invoice No. 642854; Professional Services	\$1,115.50			
			Project Total:	\$1,115.50		
17922	NTH	Invoice No. 642855; Professional Services	\$2,342.50			TBP
			Project Total:	\$2,342.50		
N/A	CSM Mechanical	Invoice No. 7793; Service & Labor	\$1,320.04			
	D3W	Invoice No. 6167; Chemicals	\$5,720.00			
	D.J. Conley	Invoice No. SI-58404-1; Parts & Freight	\$5,945.36			
	Galloup	Invoice No. S117027001.001; Parts	\$7,468.39			
	Haviland	Invoice No. 580994; Chemicals	\$2,220.00			
	Haviland	Invoice No. 581105; Chemicals	\$1,614.00			
	Haviland	Invoice No. 581372; Chemicals	\$4,467.00			
	Haviland	Invoice No. 582112; Chemicals	\$7,597.79			
	Haviland	Invoice No. 582356; Chemicals	\$2,220.00			
	LaSalle Agri, Inc.	Invoice No. 3576; Trucking	\$7,315.83			
	Polydyne, Inc.	Invoice No. 2058085; Chemicals	\$42,728.40			
	Pro-Seal	Invoice No. 262201; Parts	\$2,534.00			
	PVS	Invoice No. 405734; Chemicals	\$4,562.80			
	PVS	Invoice No. 405735; Chemicals	\$2,702.32			
	PVS	Invoice No. 406153; Chemicals	\$2,755.36			
	PVS	Invoice No. 406221; Chemicals	\$4,405.04			
	Waterworks	Invoice No. 10578; Parts & Equipment	\$3,104.76			
	Pro-Seal	Invoice No. 263006; Parts	\$5,330.00			
	Pro-Seal	Invoice No. 263007; Parts	\$2,469.00			

Haviland	Invoice No. 852562; Chemicals	\$7,945.62	
Total Energy Systems	Invoice No. INV168614; Annual Full Service, Load Bank Test & Filter	\$2,046.00	
Fahey, Schultz, Burzych & Rhodes	Invoice No. 43161; Legal Services	\$9,753.00	
Haviland	Invoice No. 582784; Chemicals	\$3,103.00	
LaSalle Agri, Inc.	Invoice No. 3646; Trucking	\$11,813.18	
Waste Management	Invoice No. 9042611-1714-0; Special Waste Liner & Disposal	\$1,230.02	
Waste Management	Invoice No. 9042612-1714-8; Special Waste Liner & Disposal	\$3,027.23	
Waste Management	Invoice No. 9042625-1714-0; Special Waste Liner & Disposal	\$1,122.34	
Eastern Oil	Invoice No. SO0210886; Oil	\$1,963.90	
Fahey, Schultz, Burzych & Rhodes	Invoice No. 44130; Legal Services	\$5,324.00	TBP
Haviland	Invoice No. 583291; Chemicals	\$3,103.00	

Total: \$166,911.38

Pcard	USA Bluebook	Invoice No. INV01135315	\$1,476.01
	USA Bluebook	Invoice No. INV01135137	\$1,971.20
	USA Bluebook	Invoice No. INV01140791	\$5,650.32
	Grainger	Invoice No. 9036911247	\$2,255.74
	The Macomb Group	Invoice No. 4957055	\$1,210.60
	The Macomb Group	Invoice No. 7961298	\$1,884.35
	Bob Barker	Invoice No. CS119692	\$1,290.00

Total: \$15,738.22

Grand Total: \$213,501.18

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: CLINTON RIVER WATER RESOURCE RECOVERY FACILITY
(Construction)
DATE: Tuesday, September 22, 2026
SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17720	Nowak & Fraus Engineers	Invoice No. 131823; Professional Services	\$3,599.25			
			Project Total:	\$3,599.25		
17461	Jacobs	Invoice No. C6A21700; Labor & Expenses	\$59,054.76			
			Project Total:	\$59,054.76		
10731	Jacobs	Invoice No. C6A21702; Labor & Expenses	\$79,216.50			
			Project Total:	\$79,216.50		
			Grand Total:	\$141,870.51		

5. Bloomfield Village CSO

AGENDA

DRAINAGE BOARD FOR THE BLOOMFIELD VILLAGE CSO DRAIN

September 22, 2026

1. Call meeting to order
2. Approve meeting agenda for September 22, 2026
3. Approve minutes of meeting of August 25, 2026
4. Public Comments
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$35,905.02
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE BLOOMFIELD VILLAGE CSO DRAIN**

August 25, 2026

A meeting of the Drainage Board for the Bloomfield Village CSO Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 25th day of August 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Markham moved, seconded by Woodward, to approve the August 25, 2026, agenda as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Minutes of the meeting held July 28, 2026, were presented for consideration. Markham moved, seconded by Woodward, to approve the minutes as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Chairperson Nash asked if there were any public comments. There were none.

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$17,232.84, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

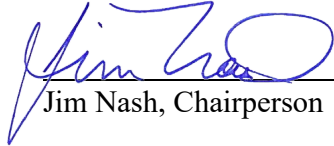
Nash moved, seconded by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

MOTION CARRIED: Yeas – 3, Nays – 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Bloomfield Village CSO Drain, Oakland County, Michigan, held on the 25th day of August 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner, which is the principal office of the Drainage Board for Bloomfield Village CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: August 25, 2026

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **BLOOMFIELD VILLAGE CSO DRAIN**

DATE: Tuesday, September 22, 2026

SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
13507	Shaw	Invoice No. 910017226; Labor, Parts & Materials	\$12,504.56			
				Project Total:	\$12,504.56	
N/A	ASI	Invoice No. 9714; As-Needed Engineering Support	\$6,114.00			
	ASI	Invoice No. 9737; As-Needed Engineering Support	\$6,114.00			
	Shaw	Invoice No. 910017493; Labor, Parts & Materials	\$11,172.46			
				Total:	\$23,400.46	
				Grand Total:	\$35,905.02	

6. Mainland Drain

AGENDA

DRAINAGE BOARD FOR THE MAINLAND DRAIN

September 22, 2026

1. Call meeting to order
2. Approve meeting agenda for September 22, 2026
3. Approve minutes of meeting of August 25, 2026
4. Public Comments
5. Present Memorandum requesting the Board authorize the Chairperson to execute the attached Phase II Grant Agreement for the State of Michigan Hazard Mitigation Grant Program for the construction of the Mainland Drain Flood Mitigation Project
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$6,780.33
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE MAINLAND DRAIN**

August 25, 2026

A meeting of the Drainage Board for the Mainland Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 25th day of August 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Markham moved, seconded by Woodward, to approve the August 25, 2026, agenda as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Minutes of the meeting held July 28, 2026, were presented for consideration. Markham moved, seconded by Woodward, to approve the minutes as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Chairperson Nash asked if there were any public comments. There were none.

Markham moved, seconded by Woodward, to approve Construction Estimate No. 1 for V.I.L. Construction Inc. for construction of the Mainland Drain Culvert Improvements Project in the amount of \$72,294.75 with a transfer to the Oakland County Treasurer in the amount of \$8,032.75, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$15,473.00, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

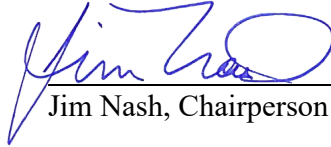
Nash moved, seconded by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

MOTION CARRIED: Yeas – 3, Nays – 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Mainland Drain, Oakland County, Michigan, held on the 25th day of August 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner, which is the principal office of the Drainage Board for the Mainland Drain Drainage District.



Jim Nash, Chairperson

Dated: August 25, 2026

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER****MEMORANDUM**

TO: Jim Nash, Chairperson of the Mainland Drain Drainage Board

FROM: Taylor Warstler, P.E., Civil Engineer III

SUBJECT: Mainland Drain Culvert Improvement Project – Phase II Grant

DATE: September 22, 2026

In July 2023, this Board accepted funding from the Federal Emergency Management Agency's (FEMA) Hazard Mitigation Grant Program for Phase 1 of the Mainland Drain Flood Mitigation Project. Phase I of the project, the design, is complete. GEI Consultants of Michigan, P.C., prepared the design plans and specifications.

In July 2026, Oakland County received a grant for Phase II of the project. Coupled with \$180,421.50 in matching funds, the \$1,804,215.00 grant award is designed to offset construction costs. Further, an additional \$90,210.75 was awarded as management costs to allow staff to implement the project.

Overall, the Mainland Drain Flood Mitigation project will address four separate areas along the Drain, all on County property. Streambank stabilization measures, through natural channel design, and off-channel stormwater wetlands will be used to create more than 550,000 cubic feet of additional storage volume. This will allow additional storage of peak flows and for the prevention of streambank erosion and localized flooding during large rain events. The wetland areas will not only provide an increase in flood storage capacity, but they will also improve the water quality through infiltration and by creating an easily accessible area for sediment and trash removal.

Recommended Action: Authorize the Chairperson to execute the attached Phase II Grant Agreement for the State of Michigan Hazard Mitigation Grant Program for the construction of the Mainland Drain Flood Mitigation Project.

State of Michigan
Hazard Mitigation Assistance
Phase II Grant Agreement for
Hazard Mitigation Grant Program (HMGP)
Period of Performance: July 15, 2021 – January 11, 2028

Assistance Listing Number: 97.039 - Hazard Mitigation Grant Program (HMGP) Project Number: 4607.05

This grant agreement is hereby entered into between the Michigan Department of State Police, Emergency Management and Homeland Security Division (MSP/EMHSD) (hereinafter called the Recipient), and

OAKLAND COUNTY
(hereinafter called the Subrecipient)

I. Purpose

The purpose of this grant agreement is to assist the Subrecipient in the implementation of 4607.05 Phase II (hereinafter called the project) -- a project to provide supplementary financial assistance for the implementation of cost-effective hazard mitigation measures that will permanently reduce or eliminate the long-term risk to human life and property from natural, technological, or human-caused disasters and their effects. The HMGP funding is awarded by the Federal Emergency Management Agency (FEMA) and is administered by the Recipient.

II. Objective

The principal objective of this grant agreement is to provide financial assistance to the Subrecipient. The Subrecipient must complete the approved measures detailed in the HMGP formal application submitted by the Subrecipient, and summarized as follows:

Oakland County will implement Phase II of a project to mitigate flooding along the Mainland Drain located in Pontiac, Oakland County, Michigan (central location: 42.659212, -83.330908).

This project consists of the construction of four off-channel stormwater wetland storage areas along the Mainland Drain (Drain) to provide additional storage during peak flows. The applicant has labeled these four areas Zones A, B, C, and D, respectively, and they will help to reduce the potential for streambank erosion and localized flooding during large rain events.

The project will also seek to restore and stabilize the existing streambank adjacent to the planned wetland storage areas. The project consists of approximately 2,466 feet of channel restoration. A two-stage channel design with bankfull benches will be used to reconstruct and stabilize the Drain. Bankfull benches will separate the channel from the adjacent wetland cells. The benches will encourage channel flow and suspended sediments to follow the channel route and course through the project site during storm events smaller than a one and half year 24-hour storm event. For events larger than a one and a half year 24-hour storm, where erosion and shear stresses along the banks increase in the Drain, the bankfull benches will allow sediment to dissipate in the wetland areas. Once the new channel is constructed, the channel banks will be stabilized and restored with native seed mixes and erosion control blanket.

The project will involve 2.21 acres of existing emergent wetland to be reconstructed, restored, and enhanced. An additional 1.06 acres of newly constructed emergent wetland will also be created for a total of 3.27 acres of enhanced wetlands throughout the project area. Existing wetlands and other undeveloped areas adjacent to the Drain in Zones A-D were selected for wetland storage grading and restoration. The wetland areas are graded to a bottom elevation that is equal to or just below the culvert invert that is directly downstream of the wetland storage area. The wetland storage areas will almost fully drain and nearly all the storage areas would be available and not inundated with water for potential back-to-back storm events. The wetlands will be restored with native seed mixes and native plug plantings. A biodegradable erosion control blanket is planned to be used to stabilize and restore the wetland areas.

The project also includes the upsizing of two critical culverts (i.e., Cloverleaf Exit Ramp Culvert and Telegraph Road Culvert), replacing the culvert below stream tunnels in Zone C, and cleaning out significant sediment buildup in existing culverts in Zones A-D.

Lastly, stone armoring will be placed in critical sections of the channel and wetland storage areas including upstream and downstream ends of culverts, around outfalls of storm drains inlets, spillway between the channel and wetland storage areas and adjacent wetland storage areas, around wetland equalizer culverts, on side slopes of wetland storage areas where channelized flow is expected, and adjacent to sheet pile weirs.

No changes to the approved scope of work (approved measures) can be implemented without prior FEMA approval. Failure to obtain FEMA approval prior to implementing a modified scope of work may result in the cancellation of the grant and repayment of federal funds. Requests for changes to the scope of work must be made to FEMA through the Recipient and supported by adequate justification to be processed. All expenses, including local matches, must be appropriately documented and reasonable to be eligible for reimbursement. Expenses that are not related to the approved scope of work and budget are not eligible for reimbursement under the provisions of this grant agreement. Line items in the approved cost estimate (from the attached FY 2023 HMGP application) may not fluctuate by more than ten percent without prior approval from FEMA.

III. Statutory Authority

The Subrecipient agrees to comply with program requirements in accordance with the Hazard Mitigation Assistance Program and Policy Guide (HMAPPG) Version 1.1, located at: <http://www.fema.gov>. The Subrecipient also agrees to comply with regulations, including but not limited to the following, as applicable:

- A. The Robert T. Stafford Disaster Relief and Emergency Assistance Act, as Amended (Stafford Act), Title 42 of the United States Code (U.S.C.) § et seq.
- B. 2 Code of Federal Regulations (C.F.R.), Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards located at <http://www.ecfr.gov>.
- C. Any other applicable federal statutes and regulations, including but not limited to those listed in this grant agreement.
- D. Notice of Funding Opportunity

IV. Award Amount and Restrictions

Summary of costs from FEMA approved phase II application:

Total Non-Federal Share Project Amount (Phase II):	\$ 180,421.50
Total Federal Share Project Amount Committed (Phase II):	\$1,623,793.50
Total Approved Project Amount (Phase II):	\$1,804,215.00
Total Subrecipient Management Costs (Phase II):	\$ 90,210.75

This project was determined eligible for Strategic Funds Management under the Budget Control Act of 2011. Therefore, project funds and Subrecipient management cost funds will be obligated in increments throughout the period of performance. Increments will be obligated by FEMA after a request from the Subrecipient and as supported by implementation progress documented in quarterly reports. Tentative increment schedules are as follows:

Project Funding Increments

Federal Share Increment	Total Project Cost	Federal Share Award	Anticipated Date of Obligation
Increment 1	\$ 450,150.00	\$ 405,135.00	Current award
Increment 2	\$ 1,354,065.00	\$ 1,218,658.50	To be determined
Total	\$ 1,804,215.00	\$ 1,623,793.50	

SRMC Increment	SRMC Award	Anticipated Date of Obligation
Increment 1	\$ 22,507.50	Current award

Increment 2	\$ 67,703.25	To be determined
Total	\$ 90,210.75	

The Subrecipient shall provide at least ten percent matching funds from nonfederal sources (management costs are 100% federal). Approval of in-kind match is at the sole discretion of the Recipient; the Recipient reserves the right to deny or adjust in-kind match, if necessary. (Community Development Block Grant funds, though federal in origin, lose their federal identity and are an acceptable matching source.)

Federal assistance is made available within the limits of funds available from Congressional appropriations for such purposes in accordance with the Stafford Act and appropriate regulations found in Title 44 of the C.F.R., as amended and currently applicable handbooks. Federal funds provided under this agreement are limited to a maximum of 90% of the total eligible costs. If there is a cost under-run for the project, final reimbursement for the federal share of the project costs will be adjusted based on actual costs of the project. **Subrecipient shall provide the required nonfederal matching funds.**

The following types of post-award changes to the approved budget (from the formal application submitted by the Subrecipient) will require the prior written approval of FEMA:

Non-construction projects

- Adjustments of more than ten percent in any direct cost categories for grants with a federal share that exceeds \$100,000.
- Any change that would result in the need for additional federal funding.

Construction projects

- Any changes to access contingency funds and rebudget to another direct cost category.
- Any change that would result in the need for additional federal funding.

V. Responsibilities of the Subrecipient

- A. **Federal grant funds must supplement, not replace (supplant), existing state or local funds appropriated for the same purpose.** Potential supplanting will be carefully reviewed in subsequent monitoring reviews and audits. Subrecipients may be required to supply documentation certifying that a reduction in non-federal resources occurred for reasons other than the receipt or expected receipt of federal funds. Federal funds cannot be used to replace a reduction in non-federal funds or solve budget shortfalls in general fund programs.
- B. **Grant Agreement Package.** In addition to this grant agreement, the Subrecipient shall complete, sign, and submit to the Recipient the following documents, which are incorporated by reference into this grant agreement:
 1. Subrecipient Risk Assessment Certification (EMHSD-RA);
 2. Standard Federal Assurances: Assurances Non-Construction, Assurances Construction Programs; Disclosure of Lobbying Activities; Certification Regarding Lobbying;
 3. Audit Certification (EMHSD-053);
 4. Request for Taxpayer Identification Number and Certification (W-9);
 5. Other documents that may be required by federal or state officials.
- C. Comply with the requirements of the Stafford Act and all FEMA Hazard Mitigation Assistance (HMA) policies, including, but not limited to, the HMAPPG and any policy or guidance document not superseded by the HMAPPG.
- D. Comply with applicable financial and administrative requirements set forth in the current edition of 2 C.F.R., Part 200, including, but not limited to, the following provisions:
 1. Account for receipts and expenditures, maintain adequate financial records, and refund expenditures disallowed by federal or state audit.

2. Retain all financial records, statistical records, supporting documents, and other pertinent materials for at least three years after the grant is closed by the awarding federal agency for purposes of federal and/or state examination and audit.
 3. Comply with applicable local, state, and federal procurement rules and regulations, whichever is most restrictive. Federal procurement rules are found at 2 C.F.R., Part 200.317-327.
 4. Non-federal entities that expend \$1,000,000 or more in federal funds during their current fiscal year are required to have a single or program-specific audit conducted for that year in accordance with the Single Audit Act of 1984, as amended, and 2 C.F.R., Part 200.501.
- E. **Environmental and Historic Preservation (EHP) Compliance.** The Subrecipient shall comply with all applicable state and local ordinances, laws, regulations, building codes, and standards. Prior to the start of any construction activity, the Subrecipient shall obtain all applicable federal, state, and local permits and clearances, and comply with all regulations including the National Environmental Protection Assistance, the National Historic Preservation Act, the Endangered Species Act, and all other environmental laws and executive orders. The federal government is required to consider the effects on the environment and/or historic properties of any federally funded activities and programs, including grant-funded projects. The EHP Program engages in a review process to ensure that federally funded activities comply with federal EHP regulations, laws, and executive orders as applicable. The goal of these compliance requirements is to protect the nation's environmental, historic, and cultural resources. The Subrecipient shall not undertake any project having the potential to impact EHP resources without prior approval. **Any activities that have been initiated without the necessary EHP review and approval will result in a non-compliance finding and will not be eligible for federal funding.** Subrecipient must implement projects in compliance with any conditions outlined in FEMA's EHP approval. These conditions can be found in one or more of the following FEMA documents:
- Record of Environmental Consideration.
 - Categorical Exclusion (CATEX) Letter/Memo.
 - Environmental Assessment.
 - Finding of No Significant Impact
- F. Maintenance. The Subrecipient shall provide maintenance, as appropriate and required, for the life of the Project.
- G. Quarterly Reports. Submit quarterly progress reports to the Recipient on the status of all approved projects. The due dates for quarterly progress reports are detailed in Section VII of this agreement.
- H. Project Completion. Notify the Recipient immediately upon completion of the project.
- I. Scope Changes. Ensure the use of HMA funding only for eligible work as identified in the approved project. Should the Subrecipient identify the need to amend the scope of the project, a formal request for a scope of work change must be submitted prior to implementation.
- J. Time Extension. Submit a time extension request in writing no less than 90 days prior to the end of the period of performance.
- K. Document Review. Permit FEMA or Recipient access and rights to examine and copy records, accounts, other documents, and other sources of information related to the grant; and permit access to facilities, personnel, and other individuals and information as may be necessary, as required by FEMA regulations, by other applicable state or federal laws or regulations, or by program guidance.
- L. Appeals. The appeals process is the opportunity for Subrecipient to request reconsideration of decisions regarding the provisions of assistance. Subrecipient must submit an appeal in writing to Recipient within 60 days from the date the subrecipient was notified of the decision that is being appealed.

VI. Responsibilities of Recipient

The Recipient, in accordance with the general purposes and objectives of this grant agreement, will:

- A. Administer the grant in accordance with all applicable federal and state regulations and guidelines and provide quarterly reports documenting this administration.
- B. Provide direction and technical assistance to the Subrecipient.

- C. Provide to the Subrecipient any special report forms and reporting formats (templates) required for the operation of the program.
- D. Reimburse the Subrecipient, in accordance with this grant agreement and subject to legislative authorization, based on appropriate documentation submitted by the Subrecipient in accordance with this grant agreement, based on appropriate documentation submitted by the Subrecipient.
- E. At its discretion, independently or in conjunction with FEMA, may conduct random on-site reviews with Subrecipient.

VII. Reporting Procedures

Submit quarterly progress reports to the Recipient on the status of all funding using the HMA Quarterly Progress Report Microsoft Form link, which will be sent via email by EMHSD on a quarterly basis. Quarterly progress reports are required whether or not expenditures are incurred.

Failure by the Subrecipient to fulfill quarterly reporting requirements as required by the grant may result in the suspension of grant activities until reports are received.

Reporting periods and due dates for each year are as follows:

1 st Quarter:	October 1 through December 31	Due January 15
2 nd Quarter:	January 1 through March 31	Due April 15
3 rd Quarter:	April 1 through June 30	Due July 15
4 th Quarter:	July 1 through September 30	Due October 15

Reimbursement requests are not required to be submitted with quarterly progress reports. At the end of each fiscal year (FY), the subrecipient may be required to report an estimate of grant expenses incurred in the ending fiscal year that will be reimbursed in the upcoming FY.

VIII. Payment Procedures

Allowable costs are only those specifically detailed in the approved formal application submitted by the Subrecipient. For costs incurred during the pre-award period, only those that are specifically identified in the grant application as “pre-award” costs are eligible for reimbursement.

Recipient’s timely receipt and verification of all required documentation is a condition of payment. Recipient’s may pursue all available remedies for the recoupment of any advance payments that have been inadequately documented or determined by the Recipient to have been improperly made or expended for any reason.

Subrecipient may request federal share reimbursement for actual expenditures, up to 90% of the federal share. Approved funding will be processed for payment after Recipient has received the following items from the Subrecipient:

- A. All required Grant Agreement package forms and documentation listed above.
- B. Request for Reimbursement submitted via email (to: MSP-EMHSD-Hazard-Mitigation-Grants@Michigan.gov) on Request for Reimbursement of Mitigation Project Expenses form (which can be found under “HMA Forms” at this link <https://www.michigan.gov/msp/divisions/emhsd/grant-programs/forms-accordion>).
- C. Supporting documentation, including but not limited to detailed invoices, contracts, etc.
- D. Proof of payment for project costs.

The Recipient will reimburse up to 90% of the federal share until final review and project closeout approval. Remaining funds will be reimbursed after final approval.

In rare circumstances only, if the Subrecipient provides the Recipient with a letter outlining the immediate need for an advance payment and the amount of the requested advance, the Subrecipient may (at the Recipient’s sole discretion) receive an initial advance payment of up to 50% of the Subrecipient’s federal share of the grant.

Pursuant to federal regulations, the Subrecipient shall minimize the time between the receipt of advance funds and the disbursement of those funds for eligible expenditures. Any interest earned over \$500 must promptly, but at least quarterly, be remitted to:

Michigan State Police,
Emergency Management and Homeland Security Division
Financial Management and Audit Section
P.O. Box 30634
Lansing, Michigan 48909

The Subrecipient may keep interest amounts up to \$500 per year for administrative expenses.

No payment will be made unless all quarterly reports have been submitted and are up to date.

IX. Employment Matters

Subrecipient shall comply with Title VI of the *Civil Rights Act of 1964*, as amended; Title VIII of the *Civil Rights Act of 1968*; Title IX of the *Education Amendments of 1972 (Equal Opportunity in Education Act)*; the Age Discrimination Act of 1975; Titles I, II and III of the *Americans with Disabilities Act of 1990*; the Elliott-Larsen Civil Rights Act, 1976 PA 453, as amended, MCL 37.2101 *et seq.*; the Persons with Disabilities Civil Rights Act, 1976 PA 220, as amended, MCL 37.1101 *et seq.*, and all other federal, state and local fair employment practices and equal opportunity laws and covenants. The Subrecipient shall not discriminate against any employee or applicant for employment, to be employed in the performance of this grant agreement, with respect to his or her hire, tenure, terms, conditions, or privileges of employment; or any matter directly or indirectly related to employment because of his or her race, religion, color, national origin, age, sex, height, weight, marital status, limited English proficiency, or handicap that is unrelated to the individual's ability to perform the duties of a particular job or position. The Subrecipient agrees to include in every subcontract entered into for the performance of this grant agreement this covenant not to discriminate in employment. A breach of this covenant is a material breach of the grant agreement.

The Subrecipient shall ensure that no subcontractor, manufacturer, or supplier of the Subrecipient for projects related to this grant agreement appears on the Federal Excluded Parties List System located at <https://www.sam.gov>.

X. Limitation of Liability

The Recipient and Subrecipient to this grant agreement agree that each must seek its own legal representative and bear its own costs, including judgments, in any litigation that may arise from performance of this contract. It is specifically understood and agreed that neither party will indemnify the other party in such litigation.

This is not to be construed as a waiver of governmental immunity for either party.

XI. Third Parties

This grant agreement is not intended to make any person or entity, not a party to this grant agreement, a third-party beneficiary hereof or to confer on a third party any rights or obligations enforceable in their favor.

XII. Grant Agreement Period

This grant agreement is in full force and effect from 7/15/2021 to 1/11/2028. No costs eligible under this grant agreement shall be incurred before the starting date of this grant agreement, except for those costs specifically identified in the grant application as eligible "pre-award" costs. This grant agreement consists of two identical sets, simultaneously executed; each is considered an original having identical legal effect. This grant agreement may be terminated by either party by giving 30 days written notice to the other party stating reasons for termination and the effective date, or upon the failure of either party to carry out the terms of the grant agreement. Upon any such termination, the Subrecipient agrees to return to the Recipient any funds not authorized for use, and the Recipient shall have no further obligation to reimburse the Subrecipient.

Effective Dates:

- Period of Performance: July 15, 2021 to January 11, 2028.
- Eligibility period for pre-award costs: No pre-award costs approved.
- Eligibility period for regular grant costs: March 2, 2026 to January 11, 2028.
- End of Period of Performance: January 11, 2028.

XIII. Entire Grant Agreement

This grant agreement is governed by the laws of the State of Michigan and supersedes all prior agreements, documents, and representations between Recipient and Subrecipient, whether expressed, implied, or oral. This grant agreement constitutes the entire agreement between the parties and may not be amended except by written instrument executed by both parties prior to the termination date set forth in Section XII above. No party to this grant agreement may assign this grant agreement or any of his/her/its rights, interests, or obligations hereunder without the prior consent of the other party. Subrecipient agrees to inform Recipient in writing immediately of any proposed changes of dates, budget, or services indicated in this grant agreement, as well as changes of address or personnel affecting this grant agreement. Changes in dates, budget, or services are subject to prior written approval of Recipient. If any provision of this grant agreement shall be deemed void or unenforceable, the remainder of the grant agreement shall remain valid.

The Recipient may suspend or terminate subrecipient funding, in whole or in part, or other measures may be imposed for any of the following reasons:

- A. Failure to expend funds in a timely manner consistent with the grant milestones, guidance, and assurances.
- B. Failure to comply with the requirements or statutory objectives of federal or state law.
- C. Failure to make satisfactory progress toward the goals or objectives set forth in the Subrecipient application.
- D. Failure to follow grant agreement requirements or special conditions.
- E. Proposal or implementation of substantial plan changes to the extent that, if originally submitted, the project would not have been approved for funding.
- F. Failure to submit required reports.
- G. Filing of a false certification in the application or other report or document.
- H. Failure to adequately manage, monitor or direct the grant funding activities of their Subrecipients.

Before acting, the Recipient will provide the Subrecipient reasonable notice of intent to impose corrective measures and will make every effort to resolve the problem informally.

XIV. Business Integrity Clause

The Recipient may immediately cancel the grant without further liability to the Recipient or its employees if the Subrecipient, an officer of the Subrecipient, or an owner of a 25% or greater share of the Subrecipient is convicted of a criminal offense incident to the application for or performance of a state, public, or private grant or subcontract; or convicted of a criminal offense, including but not limited to any of the following: embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property, attempting to influence a public employee to breach the ethical conduct standards for State of Michigan employees; convicted under state or federal antitrust statutes; or convicted of any other criminal offense which, in the sole discretion of the Recipient, reflects on the Subrecipient's business integrity.

XV. Freedom of Information Act

Much of the information submitted in the course of applying for funding under this program, or provided in the course of grant management activities, may be considered law enforcement-sensitive or otherwise critical to national security interests. This may include threat, risk, and needs assessment information; and discussions of demographics, transportation, public works, and industrial and public health infrastructures. Therefore, each Subrecipient agency Freedom of Information Officer will need to determine what information is to be withheld on a case-by-case basis. The Subrecipient should be familiar with the regulations governing Protected Critical Infrastructure Information (6 C.F.R., Part 29) and Sensitive Security Information (49 C.F.R., Part 1520), as these designations may provide additional protection to certain classes of homeland security information.

XVI. Official Certification

For the Subrecipient

The individual or officer signing this grant agreement certifies by his or her signature that he or she is authorized to sign this grant agreement on behalf of the organization he or she represents. The Subrecipient agrees to complete all requirements specified in this grant agreement.

Oakland County

Printed Name

Title

Signature

Click or tap to enter a date.
Date

For the Recipient

Michigan State Police, Emergency Management and Homeland Security Division

Capt. Kevin Sweeney
Printed Name

**Commander, Emergency
Management and Homeland Security Division**
Title

Signature

Date

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **MAINLAND DRAIN**
(Construction)
DATE: Tuesday, September 22, 2026
SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
18141	GEI	Invoice No. 025029447; Professional Services	\$6,780.33			
				Project Total:	\$6,780.33	
				Grand Total:	\$6,780.33	

7. Rufe Collier Drain

AGENDA

DRAINAGE BOARD FOR THE RUFÉ COLLIER DRAIN

September 22, 2026

1. Call meeting to order
2. Approve meeting agenda for September 22, 2026
3. Approve minutes of meeting of August 25, 2026
4. Public Comment
5. Present Construction Estimate No. 2 for Catskill Remedial Contracting Services, Inc. for construction of the Pontiac Urban Wetland Restoration Project in the amount of \$251,200.19 with a transfer to the Oakland County Treasurer in the amount of \$7,936.27
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$86,455.76
7. Other Business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
RUFÉ COLLIER DRAIN EXTENSION**

August 25, 2026

A meeting of the Drainage Board for the Rufe Collier Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 25th day of August 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Markham moved, seconded by Woodward, to approve the August 25, 2026, agenda as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Minutes of the meeting held July 28, 2026, were presented for consideration. Markham moved, seconded by Woodward, to approve the minutes as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Chairperson Nash asked if there were any public comments. There were none.

Markham moved, seconded by Woodward, to approve Engineering Work Order No. 1 for Drummond Carpenter for the Pontiac Urban Wetland Restoration Project to increase the total amount of the Engineering Services Agreement by a not to exceed amount of \$14,915.00, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Change Order No. 1 for Catskill Remedial Contracting Services, Inc. for the construction of the Pontiac Urban Wetland Restoration Project for a net decrease in the amount of \$5,432.83, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Construction Estimate No. 1 for Catskill Remedial Contracting Services, Inc. for construction of the Pontiac Urban Wetland Restoration Project in the amount of \$95,027.10 with a transfer to the Oakland County Treasurer in the amount of \$10,558.57, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$14,390.75, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

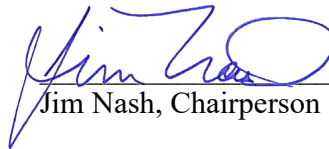
Nash moved, seconded by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

MOTION CARRIED: Yeas – 3, Nays – 0

There being no further business, the meeting was adjourned.

I hereby certify that the foregoing is a true and complete copy of the minutes of the meeting of the Drainage Board for the Rufe Collier Drains, Oakland County, Michigan, held on the 25th day of August 2026, and that the minutes are on file in the offices of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner, which is the principal office of the Drainage Board for the Rufe Collier Drains Drainage District.



Jim Nash, Chairperson

Dated: August 25, 2026

**Jim Nash, Oakland County Water Resources Commissioner
Rufe Collier Drain Drainage District
For Construction of the Pontiac Urban Wetland Restoration Project
441 MLK Jr. Blvd., Pontiac
Oakland County, Michigan**

Construction Estimate No. 2

8/5/2026 to 9/15/2026

Department No.:	CCN6010101	Account No.:	SC730373
Fund No.:	FND84720	Program No.:	PRG149015
Project No.:	PRJ-17851	Activity:	FAC
Purchase Order No. :		Vendor No.:	000041830
Contractor:	Catskill Remedial Contracting Services, Inc.	Contract No. :	CON00012124
	1020 E. Grand River Ave.	Date of Contract:	
	Brighton, MI 48116	Completion Date:	September 30, 2026

Original Contract Amount:	\$375,329.59
Original Value Engineering Award:	\$374,554.96
Previous Change Order Numbers (1):	(\$5,432.83)
Change Orders This Estimate Numbers (none):	\$0.00
Total Net Change Orders:	(\$5,432.83)
Adjusted Contract Amount:	\$369,896.76
Subtotal To Date: (Sheet 2 of 2 Column 7)	\$364,722.13 ✓
Less Deductions to Date: (Sheet 2 of 2 Column 7)	\$0.00
Gross Estimate: (Work in Place) 98.60%	\$364,722.13
Less Amount Reserved: (5% of Adjusted Contract Amount)	\$18,494.84
Total Amount Allowed To Date:	\$346,227.29
Less Previous Estimates:	\$95,027.10
Net Payment Request To Be Paid To Contractor:	\$251,200.19 ✓
Reserve Payment to Contractor	\$0.00
Balance of Contract To Date	\$5,174.63 ✓
Accounting Auditor:	KCS
Previous Transfers To Reserve:	\$10,558.57
Amount of Current Transfer:	\$7,936.27 ✓

Prepared by: Taylor Warstler
Taylor Warstler, P.E. Project Engineer (WRC)

Date: 9/15/2026

Recommended by: Kyle Smith
Kyle Smith, P.E. Consulting Engineer (GEI)

Date: 9/15/2026

Approved by: Lynne M. Seymour
Lynne Seymour, P.E. Chief Engineer (WRC)

Date: 9/15/2026

Approved by Board on: _____

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **RUFE COLLIER DRAIN**
(Construction)
DATE: Tuesday, September 22, 2026
SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17851	Drummond Carpenter	Invoice No. 6353; Professional Services	\$12,360.75			
	Drummond Carpenter	Invoice No. 6469; Professional Services	\$40,814.98			
	Drummond Carpenter	Invoice No. 6484; Professional Services	\$33,280.03			
				Project Total:	\$86,455.76	
				Grand Total:	\$86,455.76	

8. Joseph Jones Drain

AGENDA

DRAINAGE BOARD FOR THE JOSEPH JONES DRAIN

September 22, 2026

1. Call meeting to order
2. Approve meeting agenda for September 22, 2026
3. Approve minutes of meeting of August 25, 2026
4. Public Comments
5. Present the Final Construction Estimate for Dalco Services for construction of the Oakland Park Stormwater Improvements for a final reserve payment to the contractor in the amount of \$18,247.49
6. Present Construction Estimate No. 4 for Catskill Remedial Contracting Services, Inc. for construction of the Perry Park Stormwater Improvements in the amount of \$14,410.00
7. Present the Final Construction Estimate for Catskill Remedial Contracting Services, Inc. for construction of the Perry Park Stormwater Improvements with a final reserve payment to the contractor in the amount of \$28,475.80
8. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$20,753.92
9. Other business
10. Approve pro rata payment to Drainage Board members
11. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE JOSEPH JONES DRAIN**

August 25, 2026

A meeting of the Drainage Board for the Joseph Jones Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 25th day of August 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Markham moved, seconded by Woodward, to approve the August 25, 2026, agenda as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Minutes of the meeting held July 28, 2026, were presented for consideration. Markham moved, seconded by Woodward, to approve the minutes as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Chairperson Nash asked if there were any public comments. There were none.

Markham moved, seconded by Woodward, to approve Change Order No. 5 for Catskill Remedial Contracting Services, Inc. for construction of the Perry Park Green Infrastructure Improvements Project for a net increase in the amount of \$12,940.00 and a change in final completion date from August 20, 2026, to September 10, 2026, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Change Order No. 3 for Dalco Services LLC for construction of the Oakland Park Green Infrastructure Improvements Project for a net decrease in the amount of \$2,550.00, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Construction Estimate No. 9 for Dalco Services for construction of the Oakland Park Stormwater Improvements in the amount of \$41,450.00 with a reserve payment to the contractor in the amount of \$127.50, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Construction Estimate No. 3 for Catskill Remedial Contracting Services, Inc. for construction of the Perry Park Stormwater Improvements in the amount of \$180,625.52 with a transfer to the Oakland County Treasurer in the amount of \$3,013.60, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$14,458.08, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

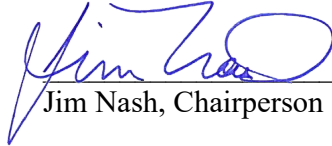
Nash moved, seconded by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

MOTION CARRIED: Yeas – 3, Nays – 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Joseph Jones Drain, Oakland County, Michigan, held on 25th day of August 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner, which is the principal office of the Drainage Board for the Joseph Jones Drain Drainage District.



Jim Nash, Chairperson

Dated: August 25, 2026

**Jim Nash, Oakland County Water Resources Commissioner
Joseph Jones Drain Drainage District
For Construction of the Oakland Park Stormwater Improvements
City of Pontiac
Oakland County, Michigan**

Final Construction Estimate

8/15/2026 to 9/15/2026

Department No.: 6010101
Fund No.: FND84718
Project No.: PRJ-17603
Purchase Order No. :

Account No.: SC730373
Program No.: PRG149015
Activity: FAC

Contractor: Dalco Services, Inc.
59187 North Ave.
Ray, MI 48096

Contract No. : CON00011593
Date of Contract: 7/22/2025
Completion Date: 8/15/2026

Original Contract Amount:		\$298,444.02	
Previous Change Order Numbers (1,2,3):		\$66,505.69	
Change Orders This Estimate Numbers (none):		\$0.00	
Total Net Change Orders: (No further authorization of this Contract)		\$66,505.69	
Final Adjusted Contract Amount:		\$364,949.71	✓
Final Subtotal: (Sheet 2 of 2 Column 7)		\$364,949.71	
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00	
Gross Estimate: (Work in Place)	100.00%	\$364,949.71	
Less Amount Reserved: (5% of Adjusted Contract Amount)		\$18,247.49	
Final Amount Allowed:		\$346,702.22	
Less Previous Estimates:		\$346,702.22	
Final Payment Request To Be Paid To Contractor:		\$0.00	
Final Reserve Payment to Contractor		\$18,247.49	✓
Balance of Contract To Date	\$0.00	Accounting Auditor:	
Less Previous Transfers To Reserve:		\$18,247.49	
Amount of Current Transfer:		\$0.00	

Prepared by:


Project Planner

Date: 9/9/2026

Recommended by:

Consulting Engineer

Date:

Approved by:

Lynne Seymour, P.E. - Chief Engineer

Date:

Approved by Board on:

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

Jim Nash, Oakland County Water Resources Commissioner
Joseph Jones Drain Drainage District Name
For Construction of the Perry Park Stormwater Improvements
City of Pontiac
Oakland County, Michigan

Construction Estimate No. 4

7/31/2026 to 9/15/2026

Department No.:	6010101	Account No.:	SC730373
Fund No.:	84718	Program No.:	PRG149015
Project No.:	17604	Activity:	FAC
Purchase Order No. :			
Contractor:	Catskill Remedial Contracting Services, Inc.	Contract No. :	CON00011748
	1020 E. Grand River Ave	Date of Contract:	11/10/2025
	Brighton, MI 48116	Completion Date:	12/1/2026

Original Contract Amount:		\$509,243.99
Previous Change Order Numbers (4):		\$60,272.00
Change Orders This Estimate Numbers (1):		\$12,940.00
Total Net Change Orders:		\$73,212.00
Adjusted Contract Amount:		\$582,455.99 ✓
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$582,455.99
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	100.00%	\$582,455.99
Less Amount Reserved: (5% of Adjusted Contract Amount)		\$28,475.80
Total Amount Allowed To Date:		\$553,980.19
Less Previous Estimates:		\$539,570.19
Net Payment Request To Be Paid To Contractor:		\$14,410.00 ✓
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$0.00	Accounting Auditor: <i>KCS</i> 9/15/2026
Less Previous Transfers To Reserve:		\$28,475.80 ✓
Amount of Current Transfer:		\$0.00

Prepared by: *Danielle Devlin*
Danielle Devlin, Project Manager

Date: 9/10/2026

Recommended by: _____
Consulting Engineer

Date: _____

Approved by: _____
Chief Engineer

Date: _____

Approved by: _____
Chief Manager

Date: _____

Approved by Board on: _____

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

Jim Nash, Oakland County Water Resources Commissioner
Joseph Jones Drain Drainage District Name
For Construction of the Perry Park Stormwater Improvements
City of Pontiac
Oakland County, Michigan

Final Construction Estimate

7/31/2026 to 9/15/2026

Department No.:	6010101	Account No.:	SC730373
Fund No.:	84718	Program No.:	PRG149015
Project No.:	17604	Activity:	FAC
Purchase Order No. :			

Contractor:	Catskill Remedial Contracting Services, Inc.	Contract No. :	CON00011748
	1020 E. Grand River Ave	Date of Contract:	11/10/2025
	Brighton, MI 48116	Completion Date:	12/1/2026

Original Contract Amount:		\$509,243.99
Previous Change Order Numbers (1,2,3,4,5):		\$73,212.00
Change Orders This Estimate Numbers (None):		\$0.00
Total Net Change Orders: (No further authorization of this Contract)		\$73,212.00
Final Adjusted Contract Amount:		\$582,455.99 ✓
Final Subtotal: (Sheet 2 of 2 Column 7)		\$582,455.99
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	100.00%	\$582,455.99
Less Amount Reserved: (5% of Adjusted Contract Amount)		\$28,475.80
Final Amount Allowed:		\$553,980.19
Less Previous Estimates:		\$553,980.19
Final Payment Request To Be Paid To Contractor:		\$0.00
Final Reserve Payment to Contractor		\$28,475.80 ✓

Balance of Contract To Date	\$0.00	Accounting Auditor: <i>KES</i>	9/15/2026
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Less Previous Transfers To Reserve:	\$28,475.80
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Amount of Current Transfer:	\$0.00
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Prepared by: *[Signature]*
Project Planner

Date: 9/10/2026

Recommended by: _____
Consulting Engineer

Date: _____

Approved by: _____
Chief Engineer

Date: _____

Approved by Board on: _____

JIM NASH

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **JOSEPH JONES DRAIN**
(Construction)
DATE: Tuesday, September 22, 2026
SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17603	Drummond Carpenter	Invoice No. 6447; Professional Services	\$8,112.00			
Project Total:				\$8,112.00		
17604	Geosyntec	Invoice No. IG365; Perry Park Stormwater Wetland	\$12,641.92			TBP, Grant Funded
Project Total:				\$12,641.92		
Grand Total:				\$20,753.92		

9. Luz Relief Drains

AGENDA

MEETING OF THE DRAINAGE BOARD FOR THE LUZ RELIEF DRAINS

September 22, 2026

1. Call meeting to order
2. Approve meeting agenda for September 22, 2026
3. Approve minutes of meeting of August 25, 2026
4. Public Comments
5. Present Construction Estimate No. 2 for D'Angelo Brothers Inc. for construction of Luz Relief Drains Extension in the amount of \$102,222.67 with a transfer to the Oakland County Treasurer in the amount of \$936.15
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$22,500.37
7. Other Business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE LUZ RELIEF DRAINS**

August 25, 2026

A meeting of the Drainage Board for the Luz Relief Drains was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 25th day of August 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Markham moved, seconded by Woodward, to approve the August 25, 2026, agenda as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Minutes of the meeting held July 28, 2026, were presented for consideration. Markham moved, seconded by Woodward, to approve the minutes as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Chairperson Nash asked if there were any public comments. There were none.

Markham moved, seconded by Woodward, to approve Change Order No. 1 for D'Angelo Brother, Inc. for construction of the Luz Relief Drains Extension for a net increase in the amount of \$18,723.07, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Construction Estimate No. 1 for D'Angelo Brothers Inc. for construction of the Luz Relief Drains Extension in the amount of \$268,281.00 with a transfer to the Oakland County Treasurer in the amount of \$23,263.72, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$5,962.05, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

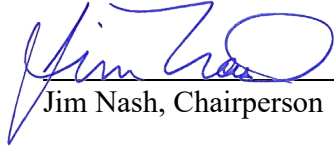
Nash moved, seconded by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

MOTION CARRIED: Yeas – 3, Nays – 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Luz Relief Drains, Oakland County, Michigan, held on the 25th day of August 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner, which is the principal office of the Drainage Board for the Luz Relief Drains Drainage District.



Jim Nash, Chairperson

Dated: August 25, 2026

CONSTRUCTION ESTIMATE

Jim Nash, Oakland County Water Resources Commissioner
Luz Relief Drains
For Construction of Luz Relief Drains Extension
Bloomfield Township
Oakland County, Michigan

Construction Estimate No. 2 ✓

August 1, 2026 to August 31, 2026 ✓

Department No. : CCN6010101
Fund No. : FND84514
Project No. : PRJ-17918
Purchase Order No. : PO00110864

Account No. : SC731472
Program No. : PRG149015
Activity : PRJ-17918-1-FAC_ACQ
Vendor No. : 763
Contract No. : CON00012018
Date of Contract : 5/20/2026
Completion Date : 6/1/2027

Contractor: D'Angelo Brothers, Inc.
30836 West Eight Mile Road
Farmington Hills, MI 48336

Original Contract Amount:	\$465,274.36
Previous Change Order Numbers (none):	\$0.00 ✓
Change Orders This Estimate Numbers (1):	\$18,723.07
Total Net Change Orders:	\$18,723.07
<u>Adjusted Contract Amount:</u>	<u>\$483,997.43 ✓</u>
Subtotal To Date:	\$394,703.54
Less Deductions to Date:	\$0.00
Gross Estimate: (Work in Place)	81.55% \$394,703.54
Less Amount Reserved: (5% of Adjusted Contract Amount)	\$24,199.87
Total Amount Allowed To Date:	\$370,503.67
Less Previous Estimates:	\$268,281.00 ✓
Net Payment Request To Be Paid To Contractor:	\$102,222.67
Reserve Payment to Contractor:	\$0.00
<u>Balance of Contract To Date:</u>	<u>\$89,293.89 ✓</u>
	Accounting Auditor: <u>H/DG 8/31/26</u>
Previous Transfers To Reserve:	\$23,263.72 ✓
<u>Amount of Current Transfer:</u>	<u>\$936.15</u>

Prepared by: 
Michael C. Walsh, P.E. - Project Engineer

Date: 08/31/26

Recommended by: 
Hubbell, Roth & Clark, Inc. - Consulting Engineer

Date: 08/31/26

Approved by: 
Joel T. Brown, P.E. - Chief Engineer

Date: 9/2/2026

Approved by Board on: _____

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

MEMO TO:
DRAIN:

DATE:

SUBJECT:

Mr. Jim Nash, Chairman of the Drainage Board for the
LUZ RELIEF DRAINS
(Construction)
Tuesday, September 22, 2026

Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17918	HRC	Invoice No. 0240796; Professional Services	\$22,500.37			
				Project Total:	\$22,500.37	
				Grand Total:	\$22,500.37	

10. Augusta Drain

AGENDA

DRAINAGE BOARD FOR THE AUGUSTA DRAIN

September 22, 2026

1. Call meeting to order
2. Approve meeting agenda for September 22, 2026
3. Approve minutes of meeting of July 28, 2026
4. Public Comments
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$3,319.81
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE AUGUSTA DRAIN**

July 28, 2026

A meeting of the Drainage Board for the Augusta Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 28th day of July 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Woodward moved, seconded by Nash, to approve the July 28, 2026, agenda as presented.

MOTION CARRIED: Yeas – 2, Nays – 0

Minutes of the meeting held June 23, 2026, were presented for consideration. Woodward moved, seconded by Nash, to approve the minutes as presented.

MOTION CARRIED: Yeas – 2, Nays – 0

Chairperson Nash asked if there were any public comments. There were none.

Woodward moved, seconded by Nash, to approve Construction Estimate No. 10 for T.R. Pieprzak Co. Inc, for construction of the Augusta Drain Norton Street Innovation Project in the amount of \$95,873.85, as presented.

MOTION CARRIED: Yeas – 2, Nays – 0

Woodward moved, seconded by Nash, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$1,080.86, as presented.

MOTION CARRIED: Yeas – 2, Nays – 0

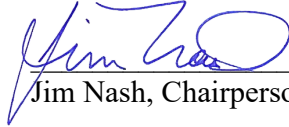
Nash moved, seconded by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Woodward.

MOTION CARRIED: Yeas – 2, Nays – 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Augusta Drain, Oakland County, Michigan, held on 28th day of July 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner, which is the principal office of the Drainage Board for the Augusta Drain Drainage District.



Jim Nash, Chairperson

Dated: July 28, 2026

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **AUGUSTA DRAIN**
DATE: **(Construction)**
SUBJECT: Tuesday, September 22, 2026
Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17557	HRC	Invoice No. 0232042; Professional Services	\$3,319.81			
				Project Total:	\$3,319.81	
				Grand Total:	\$3,319.81	

11. Evergreen-Farmington Sanitary Drain

AGENDA

DRAINAGE BOARD FOR THE EVERGREEN-FARMINGTON SANITARY DRAIN

September 22, 2026

1. Call meeting to order
2. Approve meeting agenda for September 22, 2026
3. Approve minutes of meeting of August 25, 2026
4. Public Comments
5. Present Memorandum requesting the Board add this rehabilitation project to the capital improvement plan with a design budget of \$24,000.00 and award the engineering services contract to FKE in the amount of \$20,000.00
6. Present Memorandum requesting the Board declare the excess funds for the named projects as a surplus to be returned to the municipalities in the same percentages that they initially contributed to each project
7. Present Change Order No. 3 for SAK Construction for construction of the Southfield Sewer Lining Project for a change in the final completion date from May 29, 2026, to October 9, 2026
8. Present Construction Estimate No. 6 for L. D'Agostini & Sons for construction of the Biddestone Pump Station Rehab Project in the amount of \$98,325.00 with a transfer to the Oakland County Treasurer in the amount of \$10,925.00
9. Present Construction Estimate No. 2 for JK of Michigan LLC for construction of the Inkster Pump Station Rehabilitation Project in the amount of \$145,179.64 with a transfer to the Oakland County Treasurer in the amount of \$6,140.00
10. Present Construction Estimate No. 2 for L. D'Agostini & Sons for construction of the Walnut Lake No. 1 Pump Station Conveyance Corrective Action Plan Phase 1 in the amount of \$111,375.00 with a transfer to the Oakland County Treasurer in the amount of \$12,375.00
11. Present Construction Estimate No. 9 for Jay Dee Contractors, Inc. for construction of the Walnut Lake No. 1 Pump Station Conveyance Corrective Action Plan Phase 2 in the amount of \$466,929.28 with a transfer to the Oakland County Treasurer in the amount of \$39,320.72
12. Present Construction Estimate No. 54 for Walsh Construction Company II, LLC for the 8-Mile Road CAP Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$995,000.52

13. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$145,288.52
14. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund in the amount of \$95,181.56
15. Closed session pursuant to Section 8(e) of the Open Meetings Act in connection with *Evergreen-Farmington Sanitary Drain Drainage District et al v Lexington Insurance Company*, Case No. 2024-CV-10966, U.S. District Court for the Eastern District of Michigan
16. Declare surplus project funds generated by settlement of the coverage action be returned to the municipalities at their allocated share of the project cost
17. Other business
18. Approve pro rata payment to Drainage Board members
19. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE EVERGREEN-FARMINGTON SANITARY DRAIN**

August 25, 2026

A meeting of the Drainage Board for the Evergreen-Farmington Sanitary Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2 p.m. on the 25th day of August 2026.

The meeting was called to order by Chairperson Jim Nash.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Markham moved, seconded by Woodward, to approve the August 25, 2026, agenda as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Minutes of the meeting held July 28, 2026, were presented for consideration. Markham moved, seconded by Woodward, to approve the minutes as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Chairperson Nash asked if there were any public comments. There were none.

Markham moved, seconded by Woodward, to approve Construction Estimate No. 5 for L. D'Agostini & Sons for construction of the Biddestone Pump Station Rehab Project in the amount of \$103,162.50 with a transfer to the Oakland County Treasurer in the amount of \$11,462.50, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Construction Estimate No. 1 for JK of Michigan LLC for construction of the Inkster Pump Station Rehabilitation Project in the amount of \$285,676.67 with a transfer to the Oakland County Treasurer in the amount of \$31,741.85, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Construction Estimate No. 1 for L. D'Agostini & Sons for construction of the Walnut Lake No. 1 Pump Station Conveyance Corrective Action Plan Phase 1 in the amount of \$210,729.36 with a transfer to the Oakland County Treasurer in the amount of \$23,414.37, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Construction Estimate No. 8 for Jay Dee Contractors, Inc. for construction of the Walnut Lake No. 1 Pump Station Conveyance Corrective Action Plan Phase 2 in the amount of \$1,102,735.35 with a transfer to the Oakland County Treasurer in the amount of \$122,526.15, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve Construction Estimate No. 53 for Walsh Construction Company II, LLC for the 8-Mile Road CAP Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$894,178.29, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund from the maintenance fund in the amount of \$581,476.70, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

Markham moved, seconded by Woodward, to approve payment of invoices and/or reimbursement of the Drain Revolving Fund from the construction fund in the amount of \$72,464.82, as presented.

MOTION CARRIED: Yeas – 3, Nays – 0

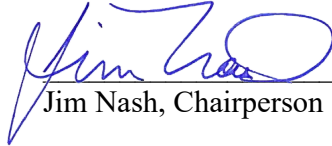
Nash moved, seconded by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Markham and Woodward.

MOTION CARRIED: Yeas – 3, Nays – 0

There being no further business, the meeting was adjourned.

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Evergreen-Farmington Sanitary Drain, Oakland County, Michigan, held on the 25th day of August 2026, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner, which is the principal office of the Drainage Board for the Evergreen-Farmington Sanitary Drain Drainage District.



Jim Nash, Chairperson

Dated: August 25, 2026

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER****MEMORANDUM**

TO: Jim Nash, Chairperson of the
Evergreen-Farmington Sanitary Drain Drainage Board

FROM: Philip Kerby P.E., Operations Engineer

SUBJECT: Sanitary Sewer Rehabilitation
Springdale Golf Course, Birmingham

DATE: September 22, 2026

A Segment of sanitary sewer in the Evergreen-Farmington Sanitary Drain Drainage District has been identified as in need of rehabilitation. The sewer is a 24-inch reinforced concrete pipe located in Birmingham on the Springdale Golf Course north of Big Beaver Rd. and east of Woodward Ave.

This segment of sewer was constructed in 1960. Recent inspection video of this segment shows a significant sag approximately 150 feet in length. This sag causes hydraulic inefficiencies that impact upstream conditions.

FK Engineering Associates (FKE) has provided a proposal to design the replacement of the sagged portion of the sewer. Attached to this memo is FKE's proposal. It is recommended that the engineering design services be awarded to FKE in the amount of \$20,000 in conformance with its proposal. This amount will cover the cost of the design of the sewer replacement and provide assistance with the bidding and construction phase of the project. The Drainage Board will be advised at a later date of the amount necessary to fund the construction phase of this project.

The following is a breakdown of the estimated expenses for the design phase of this project:

Engineering Design Services:	\$20,000
WRC Engineering:	<u>\$ 4,000</u>
Total:	\$24,000

REQUESTED ACTION: Add this rehabilitation project to the capital improvement plan with a design budget of \$24,000 and award the engineering services contract to FKE in the amount of \$20,000.

FK Engineering Associates

Excellence in Infrastructure and Underground Engineering



30425 Stephenson Highway
Madison Heights, Michigan 48071
Phone: 248-817-2946

Mr. Phil Kerby, P.E., Operations Engineer
Oakland County Water Resources Commissioner's Office
One Public Works Drive
Building 95W
Waterford, Michigan 48328

August 26, 2026

**RE: Evergreen-Farmington Sanitary Drain
Removal and Replacement of Depressed Sewer
Design and Construction Services Proposal
Birmingham, Michigan**

Dear Mr. Kerby,

In accordance with your request, FK Engineering (FKE) is pleased to present this proposal to perform investigation, design, and construction observation for the Evergreen-Farmington Sanitary Drain (EFSD) Removal and Replacement of the Depressed Sewer located on Springdale Golf Course, in Birmingham, MI. Details regarding our proposal are presented as follows including background information, our scope of services, and associated professional fees.

Project Background

As part of the EFSD, an existing 24-inch reinforced concrete pipe (RCP) sanitary sewer runs through the southern portion of the Springdale Golf Course, along the north side of Big Beaver Road. The sewer is owned and operated by the Oakland County Water Resources Commissioners (OCWRC). A depression is currently present within this section of sewer, extending approximately 150 feet in length. The sewer was last video inspected on May 10, 2018, and historical as-built information indicates that the sewer invert is approximately 6 to 11 feet below existing ground surface through this area. The depressed portion is located in the direct vicinity of the Rouge River, which runs through the Springdale Golf Course.

Scope of Services

Per your request, we have outlined our proposed services and associated professional fees separated into the three main categories (Tasks) noted.

Task 1 – Historical Review and Geotechnical Memorandum

FKE will review available historical information and available CCTV footage of the existing 24-inch RCP sewer. FKE personnel will perform a site visit to confirm existing manhole locations and complete approximately three to four hand augers to depths of approximately 10 feet. If groundwater is encountered during the investigation, FKE will install one to two open standpipes to evaluate groundwater conditions.

The evaluation of the groundwater will be used to help determine potential dewatering needs for construction. FKE will prepare a geotechnical memorandum summarizing the historical information and field investigation findings.

Task 2 – Design

FKE will develop a repair method for the existing sewer depression and prepare one to two CAD drawings for the contractor to follow during construction. FKE will also attend meetings with OCWRC to review the proposed repair design.

Task 3 – CCA and Construction Testing

An FKE Geotechnical Engineer is proposed to be onsite to observe removal, replacement, and other activities for the repair. FKE will also perform additional site visits as needed to complete concrete testing and/or bedding soil density testing during construction. We will prepare DFRs, attend any construction meetings, and prepare as-built drawings for OCWRC. We have assumed 1 week of onsite observation for the work.

Professional Fees

The following summarizes our estimated costs and efforts separated by Task as discussed herein:

Task 1 – Historical Review and Geotechnical Memorandum	\$6,000.00
Task 2 – Design	\$5,000.00
Task 3 – CCA and Construction Testing	\$9,000.00
TOTAL	\$20,000.00

Any additional services will be based on our established rates as defined in our existing As-Needed OCWRC Contract. We will coordinate with OCWRC should fees beyond those defined in the proposal be required prior to performing such services, as necessary. Terms and conditions will be per our existing contract.

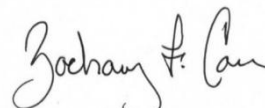
We appreciate this opportunity to submit this proposal for your consideration. Please call with any questions.

Sincerely,

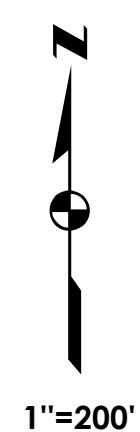
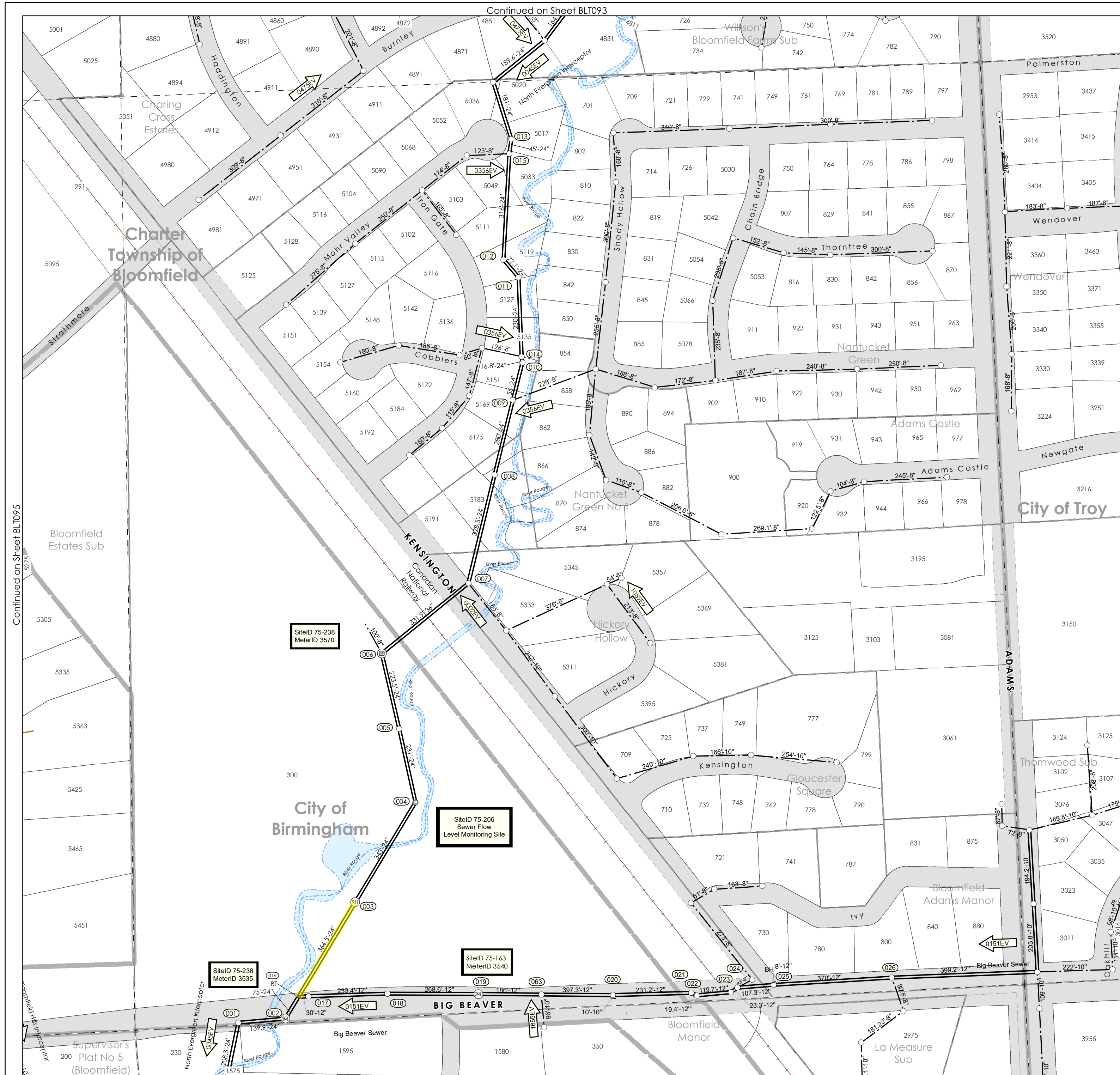
FK Engineering Associates



Nicholas Bassett, P.E.
Senior Project Engineer



Zachary F. Carr, P.E.
Senior Vice President



SANITARY / COMBINED SEWER LEGEND	
Sewer Gravity Main	Sewer Siphons
San Interceptor	San Siphon
Prop San Interceptor	Prop San Siphon
Aband San Interceptor	Aband San Siphon
San Trunk	San FM Siphon
San Lateral	San FM Siphon
Treated Effluent	San FM Siphon
San Linear Storage	San FM Siphon
Prop San Trunk or Lateral	San FM Siphon
Aband San Trunk or Lateral	San FM Siphon
Private or Maint. by Others Interceptor	San FM Siphon
Prop Private or Maint. by Others San	San FM Siphon
Prop Private or Maint. by Others San	San FM Siphon
Combined Gravity Main	Force Main/Pressure Sewer Main
Comb Interceptor	San FM Interceptor
Private or Maint. by Others Interceptor	Prop San FM Interceptor
Prop Private or Maint. by Others San	Aband San FM Interceptor
Prop Private or Maint. by Others San	San FM Trunk
Comb Lateral	San FM/RPS Lateral
Private or Maint. by Others Lateral	Treated Effluent
Prop Private or Maint. by Others Lateral	Prop San FM/RPS Trunk or Lateral
Aband Comb Lateral	Aband San FM/RPS Trunk or Lateral
Private or Maint. by Others Comb	Private or Maint. by Others San FM/RPS
Prop Private or Maint. by Others Comb	Prop Private or Maint. by Others San FM/RPS
Prop Private or Maint. by Others Comb	Prop Private or Maint. by Others San FM/RPS
Virtual Sanitary/Combined Sewer Line	Combined Non-Gravity Main
Gravity Structures	Comb FM Trunk
Standard MH	Comb FM Lateral
Standard MH w/ Flume	Aband Comb FM Trunk or Lateral
Monitoring Manhole	Private or Maint. by Others Comb FM/RPS
Special Use MH	Prop Private or Maint. by Others Comb FM/RPS
Junction Chamber	Prop Private or Maint. by Others Comb FM/RPS
Siphon Structure	Active Flow Regulator
Catch Basin	Passive Flow Regulator
Flow Meter	Active Division Chamber
Flow Level Monitoring Site	Passive Division Chamber
STP Monitoring Well	Active Well
Abandoned STP Monitoring Well	Passive Well
	Sewer Vault
	Vault
	Retention/Retention Vault/Basin
	Sewer Leach Field
	Sewer Containment
	Containment Tank
	Catch Chamber
	Drain Field
	Force Main/Pressure Sewer Structures
	Retention Basin
	Lift Station
	Online Grinder Pump
	Proposed Grinder Pump
	Private Grinder Pump
	Access Manhole
	Access Point
	Normally Open Valve
	Normally Closed Valve
	Emergency Bypass Valve
	Surge Relief
	Air/Lift Valve, Air/Vacuum Valve
	Check Valve
	Cleanout
	Stepped Utility Crossing
	Municipal District
	Subdivision Plot Boundary
	Quarter Grid
	Road R.O.W.

DISCLAIMER:
The information displayed in this map is compiled from recorded deeds, plats, tax maps, surveys and other public records. Although this information is intended to accurately reflect public information, it is not a legally recorded map or survey and is not intended to be used as one. Users should consult primary/original information sources where appropriate.

One Public Works Drive
Building 95 West
Waterford, Michigan
48328-1907

WRC
WATER RESOURCES COMMISSIONER
Jim Nash

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER****MEMORANDUM**

TO: Jim Nash, Chairperson of the Evergreen-Farmington Sanitary Drain Drainage District

FROM: Joel Brown, P.E., Chief Engineer, and Raphael Chirolla, Rate and Charges Specialist

SUBJECT: Disbursement of Multiple North Evergreen Interceptor (NEI) Project Surplus Funds to Participating Municipalities

DATE: Sept 22, 2026

Several projects associated with the North Evergreen Interceptor (NEI) were developed and constructed in response to a Michigan Department of Environment, Great Lakes, and Energy Administrative Consent Order for the North Evergreen Interceptor Branch of the Evergreen-Farmington Sanitary Drain Drainage District. Today, there is a \$2,481,835.15 fund surplus within these projects identified as:

PRJ-12035 Quarton Storage Facility
PRJ-12036 NEI Hydraulic Improvements
PRJ-12037 NEI Stonycroft Relief Sewer
PRJ-12038 NEI Wattles Road Linear Storage
PRJ-12373 Amy Pump Station Improvements

After reviewing these projects with Oakland County Fiscal Services personnel, it is our recommendation that the Board declare these project funds as surplus to be returned to each municipality in the same percentages that they initially contributed to the projects. A summary table of project surplus funds, and the recommended disbursement, is appended to this memorandum. The calculations yield the following disbursement to each contributing municipality:

City of Auburn Hills:	\$ 138,959.12
City of Bloomfield Hills:	\$ 318,652.88
City of Birmingham:	\$ 2,956.80
Township of Bloomfield:	\$1,324,164.40
Township of West Bloomfield:	\$ 1,478.41
City of Troy:	\$ 695,623.54
Total:	\$2,481,835.15

Recommended Action: Declare the excess funds for the above-named projects as surplus to be returned to the municipalities in the same percentages that they initially contributed to each project.

FND 26300 Final Balance Sheet and Recommended Disbursements

9/15/2026

Trial Balance					
Organization	Oakland County				
Periods	FY2025 : Oct - Sep				
Ledger	Actuals				
Accounting Worktag	FND26300 Act 342 NEI Improvements				
Book	Operating				
Company Currency	USD				
Translation Currency	USD				
Run	6/27/2025 8:46				
Consolidation Data					
Ledger Account	Beginning Balance	Debit Amount	Credit Amount	Ending Balance	
100100:Cash - Operating	\$2,481,835.15	\$0.00	\$0.00	\$2,481,835.15	
104100:Accrued Interest	\$0.00	\$0.00	\$0.00	\$0.00	
230852:Accounts	\$0.00	\$0.00	\$0.00	\$0.00	
381350:FB Restricted	-\$2,481,835.15	\$0.00	\$0.00	-\$2,481,835.15	
Total	\$0.00	\$0.00	\$0.00	\$0.00	

Trial Balance					
Organization	Oakland County				
Periods	FY2026 : Oct - Sep				
Ledger	Actuals				
Display Worktag Type	Project				
Accounting Worktag	FND26300 Act 342 NEI Improvements				
Book	Operating				
Company Currency	USD				
Translation Currency	USD				
Run	8/14/2026 9:51				
Consolidation Data					
Ledger Account	Project	Beginning	Debit Amount	Credit Amount	Ending Balance
100100:Cash - Operating		\$27,111.05	\$0.00	\$0.00	\$27,111.05
100100:Cash - Operating	PRJ-12035 Act 342 QuartonStorageFacility	\$1,462,137.28	\$0.00	\$0.00	\$1,462,137.28
100100:Cash - Operating	PRJ-12036 NEI Troy Arm Hyd Improvements	\$301,911.59	\$0.00	\$0.00	\$301,911.59
100100:Cash - Operating	PRJ-12037 Not Cap - NEI Stoneycroft-Amy	-\$4,911.54	\$0.00	\$0.00	-\$4,911.54
100100:Cash - Operating	PRJ-12038 Not Cap - NEI Wattles Rd Linear	\$496,869.07	\$0.00	\$0.00	\$496,869.07
100100:Cash - Operating	PRJ-12373 Act 342 Amy PS Capacity	\$198,717.70	\$0.00	\$0.00	\$198,717.70
104100:Accrued Interest		\$0.00	\$237.54	\$237.54	\$0.00
230852:Accounts		\$0.00	\$0.00	\$0.00	\$0.00
381350:FB Restricted		-\$2,466,331.68	\$0.00	\$0.00	-\$2,466,331.68
381350:FB Restricted	PRJ-12035 Act 342 QuartonStorageFacility	-\$9,532.66	\$0.00	\$0.00	-\$9,532.66
381350:FB Restricted	PRJ-12036 NEI Troy Arm Hyd Improvements	-\$1,968.36	\$0.00	\$0.00	-\$1,968.36
381350:FB Restricted	PRJ-12037 Not Cap - NEI Stoneycroft-Amy	\$530.69	\$0.00	\$0.00	\$530.69
381350:FB Restricted	PRJ-12038 Not Cap - NEI Wattles Rd Linear	-\$3,237.56	\$0.00	\$0.00	-\$3,237.56
381350:FB Restricted	PRJ-12373 Act 342 Amy PS Capacity	-\$1,295.58	\$0.00	\$0.00	-\$1,295.58
Total		\$0.00	\$237.54	\$237.54	\$0.00

SINV															
	PRJ-12035		PRJ-12036		PRJ-12037		PRJ-12038		PRJ-12373		Total Project Disbursement	Overall Disbursement Percentage	Interest Disbursement	Total Disbursement	Auburn Hills City of Bloomfield Hills City of Birmingham Township of Bloomfield Township of West Bloomfield City of Troy
	Contributing Percentage	Disbursement Amount	Contributing Percentage	Disbursement Amount	Contributing Percentage	Disbursement Amount	Contributing Percentage	Disbursement Amount	Contributing Percentage	Disbursement Amount					
Auburn Hills	9.40%	\$137,440.90									\$137,440.90	5.60%	\$1,518.22	\$138,959.12	
City of Bloomfield Hills	20.50%	\$299,738.14	3.10%	\$9,359.26	6.80%	-\$7,637.11			6.90%	\$13,711.52	\$315,171.82	12.84%	\$3,481.06	\$318,652.88	
City of Birmingham		\$2,924.27									\$2,924.27	0.12%	\$32.53	\$2,956.80	
Township of Bloomfield	69.80%	\$1,020,571.82	25.50%	\$76,987.46	93.20%	\$2,725.57	21.80%	\$24,409.63	93.10%	\$185,006.18	\$1,309,700.65	53.35%	\$14,463.75	\$1,324,164.40	
Township of West Bloomf	0.10%	\$1,462.14									\$1,462.14	0.06%	\$16.27	\$1,478.41	
City of Troy			71.40%	\$215,564.88			78.20%	\$472,459.44			\$688,024.32	28.03%	\$7,599.22	\$695,623.54	
Totals	100.00%	\$1,462,137.28	100.00%	\$301,911.59	100.00%	-\$4,911.54	100.00%	\$496,869.07	100.00%	\$198,717.70	\$2,454,724.10	1.00	\$27,111.05	\$2,481,835.15	

CHANGE ORDER**CHANGE ORDER NO. 3**

**Jim Nash, Oakland County Water Resources Commissioner
 Evergreen Farmington Sanitary Drain Drainage District
 For Construction of the Southfield Sewer Lining Project
 Southfield
 Oakland County, Michigan**

Authorization for Extras To & Changes In Contract

Department No. : 6010101

Account No. : 730352

Fund No. : 82410

Program No. : 149125

Project No. : PRJ-17455

Project Activity : ENGCON

Contractor :

Contract No. : 11156

SAK Construction

Date of Contract: 9/24/24

864 Hoff Road, O'Fallon MO 63366

Completion Date: 5/29/26

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
3-1	LOCATION: 10 Mile Road, Southfield MI					
	DESCRIPTION (Change/Add): Change Final Completion from May 29, 2026 to October 9, 2026	DAYS	133.0	NA	FC: October 9, 2026	---

**JIM NASH
 OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	REASON: More time was needed for several aspects of the final restoration, including pavement restoration on a driveway and landscaping work on Valley View Dr., tree planting, and the completion of the manhole south of 10 Mile Rd. Specific reasons for the delays are found in the attached letter.					
				Totals	\$0.00	\$0.00
				Net Increase	\$0.00	\$0.00

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

CHANGE ORDER NO. 3

**Jim Nash, Oakland County Water Resources Commissioner
Evergreen Farmington Sanitary Drain Drainage District
For Construction of the Southfield Sewer Lining Project
Southfield
Oakland County, Michigan**

Prepared by: _____ Date: _____
Scott Schultz, P.E. - Project Engineer

Recommended by: _____ Date: _____
Maria Sedki, P.E. - Engineering Consultant

Approved by: _____ Date: _____
Joel Brown, P.E. - Chief Engineer

The Contractor agrees to do the work described above and agrees to accept payment in full on the basis indicated.

Accepted by: _____ Date: _____
Dawn Young
SAK Construction

Approved by: _____ Date: _____
Steve Korth, P.E.
Chief Manager

The Contractor is hereby authorized and instructed to do the work described above in accordance with the terms of the Contract.

This Change Order was approved by the Drainage Board on:

CHANGE ORDER NO. 3

**Jim Nash, Oakland County Water Resources Commissioner
Evergreen Farmington Sanitary Drain Drainage District
For Construction of the Southfield Sewer Lining Project
Southfield
Oakland County, Michigan**

Notice to Proceed Date: 10/3/24

Contract Substantial Completion Date: 11/27/25

Contract Final Completion Date: 8/9/26

Original Contract Value: \$7,387,461.00

Previous C.O. Values: \$180,095.18

Change Order No. 3 Value: \$0

Adjusted Contract Value: 7,567,556.18

**JIM NASH
OAKLAND COUNTY WATER RESOURCE COMMISSIONER**



SAK™

Pipeline Infrastructure. Solved.™

636.385.1000 *tel*
636.385.1100 *fax*

864 Hoff Road
O'Fallon, MO 63366

www.sakcon.com

SAK Construction LLC
6930 Metroplex Drive
Romulus, Michigan, 48174

July 8, 2026

Oakland County Water Resources Commissioner
One Public Works Drive
Waterford, MI 48328

To Mr. Scott Schultz:

SAK Construction LLC is requesting a continuation of the existing Southfield-Rouge Arm Area 7 Sewer Lining contract to extend an additional 133 calendar days in addition to the original contract deadline of May 29, 2026. Project Restoration Operations have not progressed as anticipated due to several impediments.

Work scoped to be performed on Southfield-Rouge Arm Area 7 Sewer Lining Project passed the contract deadline is itemized below as justification for the time extension. Portions of this work will happen simultaneously:

Work Function	Cause for Delay
HMA Asphalt Replacement	Access and Sequencing: Driveway replacement on Valley Drive had to be completed after the heavy wetland restoration work because that work required access through the easement. Material Confirmation: Additional time was needed to confirm the acceptable HMA type due to discrepancies between the project specifications and MDOT HMA requirements. Homeowner Coordination: The homeowner requested a quote for additional asphalt work on the walkway to be completed at the same time as the driveway paving. The homeowner's decision-making process also contributed to the delay.
Valley View Landscaping Restoration	Homeowner Concern: The homeowner paused landscaping work due to concerns with the installation method under the project specifications. The method was revised to address her expectations.
Tree planting	Tree Availability: SAK has been unable to secure a contractor capable of sourcing the 23 replacement trees required for the project.
10-mile Rd Temporary Bypass Structure	Site Conditions Change due to Utility Conflicts: Changed site conditions prevented the temporary bypass structure from being built according to the planned design-build specifications. Existing utilities



SAKTM

Pipeline Infrastructure. Solved.TM

636.385.1000 *tel*
636.385.1100 *fax*

864 Hoff Road
O'Fallon, MO 63366

www.sakcon.com

created conflicts that required revisions to the permanent construction plan post lining completion. Additional time was also needed to identify the appropriate stakeholder and obtain approval for the revised plan.

Work Function	# of Days to complete	Time Extension Required
HMA Asphalt Replacement	2	85 Days
Valley View Landscaping Restoration	7	44 Days
Tree planting	7	133 Days
10-mile Rd Temporary Bypass Structure	3	124 Days
Project Close-Out	30	133 Days

Based on the scope listed above, SAK Construction LLC requests a 133-calendar-day extension beyond the current final completion date.

SAK Construction LLC has started work on Southfield-Rouge Arm Area 7 Sewer Lining and will meet its contractual obligations with the time extension granted, as requested.

We look forward to your timely response on this matter.

Sincerely,

Dale Newby
Area Manager
(734) 288-1491

Jim Nash, Oakland County Water Resources Commissioner
Evergreen-Farmington Sanitary Drain
For Construction of the Biddestone Pump Station Rehab Project
Farmington Hills, MI
Oakland County, Michigan

Construction Estimate No. 6 ✓

August 1, 2026 to August 31, 2026 ✓

Department No. : 6010101
Fund No. : FND82410
Project No. : PRJ -17555
Purchase Order No. : PO00109058

Account No. : 731472
Program No. : 149667
Activity : FAC
Vendor No. : 41943
Contract No. : CON00011952
Date of Contract : 12/22/2025
Completion Date : 11/4/2026

Contractor :
L'Dagostini & Sons
15801 23 Mile Rd.
Macomb, MI 48042

Original Contract Amount: \$1,625,400.00 ✓

Previous Change Order Numbers (none): \$0.00

Change Orders This Estimate Numbers (none): \$0.00

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$1,625,400.00 ✓

Subtotal To Date: (Sheet 2 of 2 Column 7) \$657,021.99

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) 40.42% \$657,021.99

Less Amount Reserved: (10% of Gross Estimate) \$65,702.20

Total Amount Allowed To Date: \$591,319.79

Less Previous Estimates: \$492,994.79 ✓

Net Payment Request To Be Paid To Contractor: \$98,325.00

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$968,378.01 ✓ Accounting Auditor: *LJB* 9/15/2026

Previous Transfers To Reserve: \$54,777.20 ✓

Amount of Current Transfer: \$10,925.00

Prepared by: _____
Scott Schultz, P.E., Project Engineer

Date: _____

Recommended by: _____
Mark Mattson, P.E., Consulting Engineer

Date: _____

Approved by: _____
Joel Brown, P.E., Chief Engineer

Date: _____

Approved by Board on: _____

JIM NASH

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

Jim Nash, Oakland County Water Resources Commissioner
Sewer System or Drainage District Name
For Construction of the Inkster Pump Station Rehabilitation Project
Southfield
Oakland County, Michigan

Construction Estimate No. 2 ✓

August 1st to August 28th ✓

Department No. : 6010101
Fund No. : 82410
Project No. : 1-7554
Purchase Order No. : PO00108355

Account No. : 730352
Program No. : 149667
Activity : FAC
Vendor No. : 40271
Contract No. : 11953
Date of Contract : 12/2/2025
Completion Date : 8/6/2027

Contractor :
JK of Michigan LLC
3201 W Michigan Ave.
Jackson, MI 49202

Original Contract Amount: \$757,636.98 ✓

Previous Change Order Numbers (none): \$0.00

Change Orders This Estimate Numbers (none): \$0.00

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$757,636.98 ✓

Subtotal To Date: (Sheet 2 of 2 Column 7) \$468,738.16

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) 61.87% \$468,738.16

Less Amount Reserved: (5% of Adjusted Contract Amount) \$37,881.85

Total Amount Allowed To Date: \$430,856.31

Less Previous Estimates: \$285,676.67 ✓

Net Payment Request To Be Paid To Contractor: \$145,179.64

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$288,898.82 ✓ Accounting Auditor: *LJB* 9/15/2026

Previous Transfers To Reserve: \$31,741.85 ✓

Amount of Current Transfer: \$6,140.00

Prepared by: _____
Scott Schultz, P.E. - Project Engineer

Date: _____

Recommended by: _____
Mark Mattson, P.E. - Consulting Engineer

Date: _____

Approved by: _____
Joel Brown, P.E. - Chief Engineer

Date: _____

Approved by Board on: _____

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

Jim Nash, Oakland County Water Resources Commissioner**Sewer System or Drainage District Name****For Construction of the Walnut Lake No. 1 Pump Station Conveyance Corrective Action Plan Phase 1****Southfield, Michigan****Oakland County, Michigan**

Construction Estimate No. 2

8-1-2026 to 8-31-2026

Department No.: CCN6010101

Fund No.: FND84410

Project No.: PRJ-17449

Purchase Order No. : PO00114869

Account No.: SC730352

Program No.: PRG149015

Activity: FAC

Contractor:

L D'Agostini & Sons, Inc.

15801 23 Mile Road

Macomb Township, MI 48042

Contract No. : CON00011801

Date of Contract: November 4, 2025

Completion Date: January 18, 2027

Original Contract Amount: \$829,220.00

Previous Change Order Numbers (none): \$0.00

Change Orders This Estimate Numbers (none): \$0.00

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$829,220.00

Subtotal To Date: (Sheet 2 of 2 Column 7) \$357,893.73

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) 43.16% \$357,893.73

Less Amount Reserved: (10% of Gross Estimate) \$35,789.37

Total Amount Allowed To Date: \$322,104.36

Less Previous Estimates: \$210,729.36

Net Payment Request To Be Paid To Contractor: \$111,375.00

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$471,326.27 Accounting Auditor:

Previous Transfers To Reserve: \$23,414.37

Amount of Current Transfer: \$12,375.00Prepared by: _____
Evangelos Bantios - Project Engineer

Date: _____

Recommended by: _____
Matthew Hughes, P.E. - Consulting Engineer

Date: _____

Approved by: _____
Joel Brown, P.E. - Chief Engineer

Date: _____

Approved by Board on: _____

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

Jim Nash, Oakland County Water Resources Commissioner
Evergreen-Farmington Sanitary Drainage District Name
For Construction of the Walnut Lake No. 1 Pump Station Conveyance Corrective Action Plan Phase 2
Southfield, Michigan
Oakland County, Michigan

Construction Estimate No. 9 ✓

August 1, 2026 to August 31, 2026 ✓

Department No.: CCN6010101

Fund No.: FND84410

Project No.: PRJ-17449

Purchase Order No. : PO00101115

Account No.: SC730352

Program No.: PRG149015

Activity: FAC_ACQ

Contractor:

Jay Dee Contractors, Inc.

38881 Schoolcraft Road

Livonia, MI 48150

Contract No. : CON00011738

Date of Contract: 11/4/2025

Completion Date: 6/27/2027

Original Contract Amount: \$10,646,000.00 ✓

Previous Change Order Numbers (none): \$0.00

Change Orders This Estimate Numbers (none): \$0.00

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$10,646,000.00 ✓

Subtotal To Date: (Sheet 2 of 2 Column 7) \$5,436,042.82

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) 51.06% \$5,436,042.82

Less Amount Reserved: (5% of Adjusted Contract Amount) \$532,300.00

Total Amount Allowed To Date: \$4,903,742.82

Less Previous Estimates: \$4,436,813.54 ✓

Net Payment Request To Be Paid To Contractor: \$466,929.28

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$5,209,957.18 ✓ Accounting Auditor: *LJB* 9/11/2026

Previous Transfers To Reserve: \$492,979.28 ✓

Amount of Current Transfer: \$39,320.72

Prepared by:

Evangelos Bantios

Evangelos Bantios, P.E. - Project Engineer

Date: 9-11-2026

Recommended by:

Nicholas Bassett

Nicholas Bassett, P.E. - Consulting Engineer

Date: 9-11-2026

Approved by:

Joel Brown, P.E. - Chief Engineer

Date: _____

Approved by Board on: _____

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

MEMO TO: Mr. Jim Nash, Chairman of the Drainage Board for the
DRAIN: **EVERGREEN-FARMINGTON SANITARY DRAIN**
(Maintenance)
DATE: Tuesday, September 22, 2026
SUBJECT: Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17579	Fishbeck	Invoice No. 000000468922; Professional Services	\$4,301.00			
				Project Total:	\$4,301.00	
17580	Fishbeck	Invoice No. 000000468922; Professional Services	\$1,169.50			
				Project Total:	\$1,169.50	
17975	Fishbeck	Invoice No. 000000468923; Professional Services	\$3,926.50			
				Project Total:	\$3,926.50	
18216	NTH	Invoice No. 642858; Professional Services	\$14,785.95			
				Project Total:	\$14,785.95	
17555	DLZ	Invoice No. 000407739; Professional Services	\$4,686.64			
				Project Total:	\$4,686.64	
17554	DLZ	Invoice No. 000407738; Professional Services	\$3,067.33			
				Project Total:	\$3,067.33	
17458	DLZ	Invoice No. 000407736; Professional Services	\$2,609.00			TBP
				Project Total:	\$2,609.00	
N/A	Duke's	Invoice No. 40771; CCTV & Clean	\$21,118.50			
	Duke's	Invoice No. 42201; CCTV & Clean	\$15,600.00			
	Allied Building Services	Invoice No. 00393651; Materials, Labor & Shipping	\$3,058.30			
	Kotz Sangster	Invoice No. 638105; Legal Services	\$20,902.50			
	ADS	Invoice No. 36065-0526-EQP; Products & Services	\$18,750.00			
	Pipeline Management	Invoice No. 26-05709; Linkpipe Removal	\$31,313.30			
				Total:	\$110,742.60	
				Grand Total:	\$145,288.52	

MEMO TO:

DRAIN:

DATE:

SUBJECT:

Mr. Jim Nash, Chairman of the Drainage Board for the
EVERGREEN-FARMINGTON SANITARY DRAIN
(Construction)

Tuesday, September 22, 2026

Request for Approval of Invoices and/or
Reimbursement of the Drain Revolving Fund (where indicated)

Project #	Payable To:	For:	Amount	Totals	Reference #	Notes
17452	Fishbeck	Invoice No. 000000468920; Professional Services	\$14,044.90			
	Gallagher	Invoice No. 6241854; OCIP Construction Safety Consultants (1of 4)	\$55,608.80			
	NTH	Invoice No. 642808; Professional Services	\$14,097.98			TBP
Project Total:				\$83,751.68		
17449	HRC	Invoice No. 0240871; Professional Services	\$11,429.88			
Project Total:				\$11,429.88		
Grand Total:				\$95,181.56		