



FINANCIAL REPORT OF INVESTMENTS

November 30, 2019

PREPARED BY;

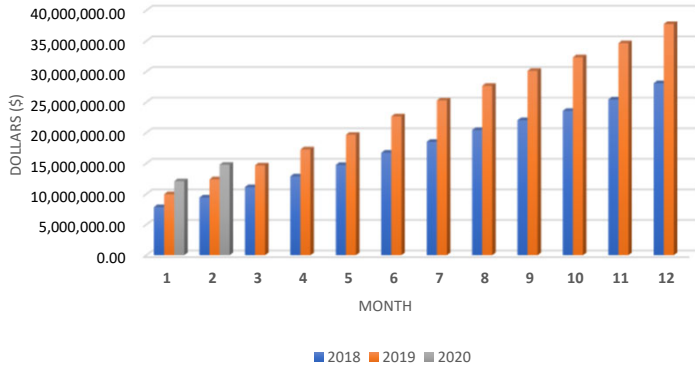
ANDREW MEISNER, COUNTY TREASURER

Andy Meisner, Oakland County Treasurer

Investment Report Summary

Investment Portfolio

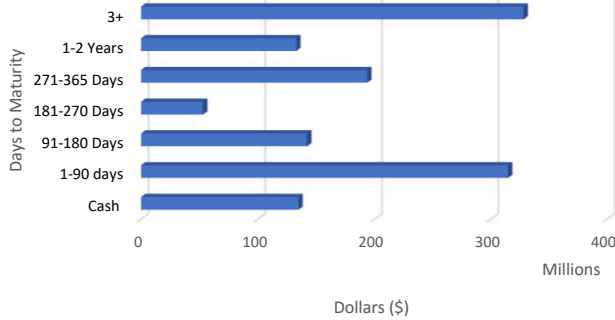
INTEREST EARNED



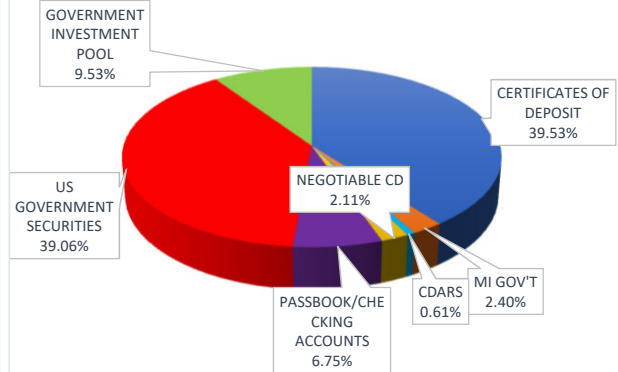
Type	Current Original Cost
CDARS	8,602,327.55
Certificates of Deposit - Bank	559,925,643.26
Federal Agency Issues - Coupon	553,201,592.00
Governmental Investment Pool	134,999,891.65
MI Gov't Coupon	34,000,000.00
Negotiable CDs	29,948,750.00
Passbook/Checking Accounts	95,648,969.75
GRAND TOTALS:	1,416,327,174.21

Diversification

Diversification by Maturity Date

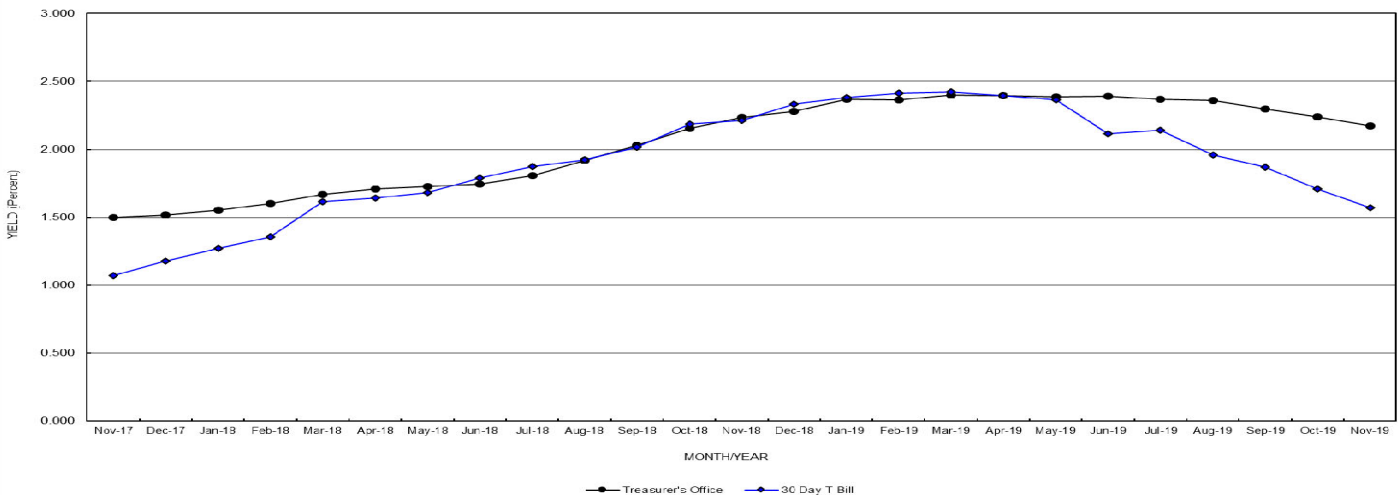


Diversification by Investment Type



Yield

Andrew E. Meisner, Oakland County Treasurer Investment Pool Yield Comparisons

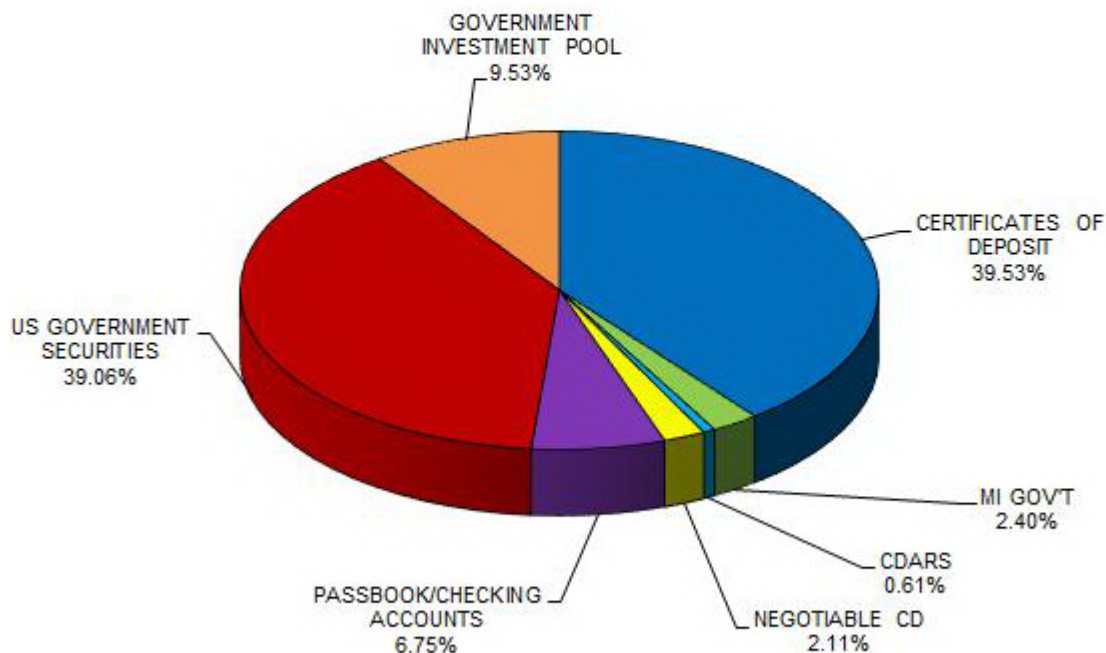


Oakland County Treasurer's Office
Summary of All Investment Balances by Type
 Report as of November 30, 2019

Page 1

Type	Current Original Cost
CDARS	8,602,327.55
Certificates of Deposit - Bank	559,925,643.26
Federal Agency Issues - Coupon	553,201,592.00
Governmental Investment Pool	134,999,891.65
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Negotiable CDs	29,948,750.00
Passbook/Checking Accounts	95,648,969.75
GRAND TOTALS:	1,416,327,174.21

County of Oakland
Andrew E. Meisner,
County Treasurer



Investments by Type



Oakland County Treasurer's Office

Summary of Investments by Fund, Type, and Issuer

Report as of November 30, 2019

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Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
10100	General			
	Governmental Investment Pool			
		Imprest Cash	320,272.00	
		Totals for Governmental Investment Pool		320,272.00
		Totals for General		320,272.00
21110	Social Welfare			
	Governmental Investment Pool			
		Imprest Cash	0.00	
		Totals for Governmental Investment Pool		0.00
		Totals for Social Welfare		0.00
21180	Economic Development Corp			
	Governmental Investment Pool			
		Imprest Cash	100.00	
		Totals for Governmental Investment Pool		100.00
		Totals for Economic Development Corp		100.00
29900	WIOA Admin			
	Governmental Investment Pool			
		Imprest Cash	150.00	
		Totals for Governmental Investment Pool		150.00
		Totals for WIOA Admin		150.00
50800	Parks and Recreation			
	Governmental Investment Pool			
		Imprest Cash	25,750.00	
		Totals for Governmental Investment Pool		25,750.00
		Totals for Parks and Recreation		25,750.00
63100	Facilities Maint and Operation			
	Governmental Investment Pool			
		Imprest Cash	50.00	
		Totals for Governmental Investment Pool		50.00
		Totals for Facilities Maint and Operation		50.00
66700	Mailing, Copying and Printing			
	Governmental Investment Pool			
		Imprest Cash	0.00	
		Totals for Governmental Investment Pool		0.00
		Totals for Mailing, Copying and Printing		0.00
73100	Employees' Retirement System			
	Governmental Investment Pool			
		Imprest Cash	10,000.00	
		Totals for Governmental Investment Pool		10,000.00
		Totals for Employees' Retirement System		10,000.00
90100	Investment Pool			
	CDARS			
		The State Bank	8,602,327.55	
		Totals for CDARS		8,602,327.55
	Certificates of Deposit - Bank			
		CIBC	207,901,038.56	
		Chemical Bank	105,697,661.11	
		Chief Financial CU	2,133,372.92	
		Clarkston State Bank	8,393,767.11	
		Flagstar Bank	10,000,000.00	
		Horizon Bank	120,304,828.97	
		Huron Valley State Bank	3,152,063.34	
		Main Street Bank	22,899,155.48	
		Mercantile Bank of Michigan	20,000,000.00	
		Mi Bank	3,000,000.00	
		Michigan First Credit Union	30,000,000.00	
		PNC Bank	10,000,000.00	
		The State Bank	16,443,755.77	
		Totals for Certificates of Deposit - Bank		559,925,643.26
	Federal Agency Issues - Coupon			
		Fannie Mae Coupon	49,998,750.00	
		Farmer Mac Coupon	39,095,790.00	
		Federal Farm Credit Bank	142,984,310.00	
		Federal Home Loan Bank Coupon	160,803,332.00	
		Freddie Mac	34,716,750.00	

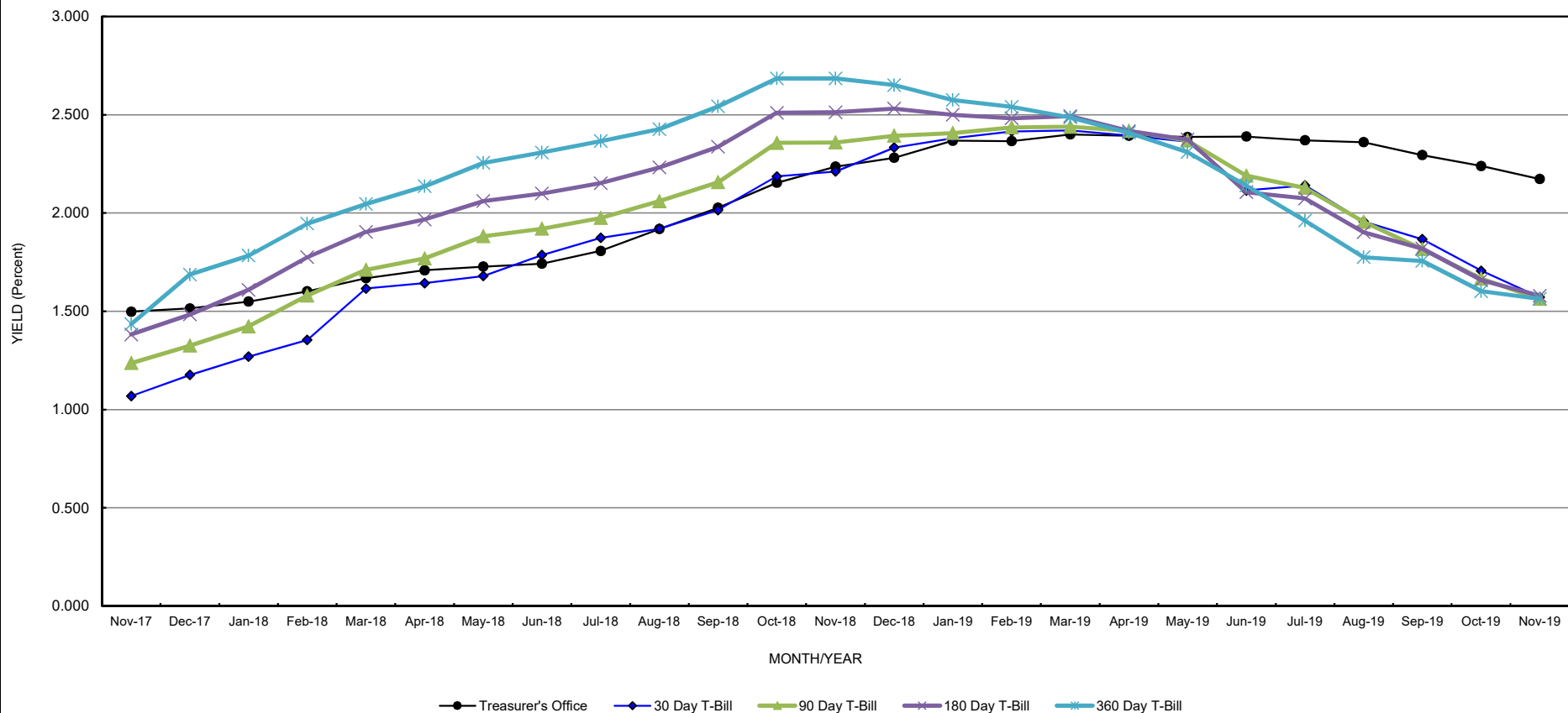


Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of November 30, 2019

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Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
		Freddie Mac Coupon	125,602,660.00	
		Totals for Federal Agency Issues - Coupon		553,201,592.00
	Governmental Investment Pool			
		MI Class	134,643,469.65	
		Northern Trust	0.00	
		Totals for Governmental Investment Pool		134,643,469.65
	MI Gov't Coupon			
		Oakland County Refunding Bond,	34,000,000.00	
		Totals for MI Gov't Coupon		34,000,000.00
	Negotiable CDs			
		JPMorgan Chase Securities	19,961,250.00	
		Wells Fargo Bank	9,987,500.00	
		Totals for Negotiable CDs		29,948,750.00
	Passbook/Checking Accounts			
		Chief Financial Credit Union	8,265,720.70	
		District Court int	0.00	
		Flagstar Pool	68,659,812.05	
		Horizon Bank	159,722.52	
		Huntington Pool	10,233.77	
		Lake Michigan Credit Union	471,489.15	
		Level One Bank	505.20	
		Michigan First Credit Union	100.00	
		PNC Bank	6,760,048.81	
		Restitution Int	0.00	
		The State Bank	11,321,337.55	
		Totals for Passbook/Checking Accounts		95,648,969.75
		Totals for Investment Pool		1,415,970,752.21
96789	Business Finance Corp			
	Governmental Investment Pool			
		Imprest Cash	100.00	
		Totals for Governmental Investment Pool		100.00
		Totals for Business Finance Corp		100.00
GRAND TOTALS:				<u><u>1,416,327,174.21</u></u>

Andrew E. Meisner, Oakland County Treasurer **Investment Pool Yield Comparisons**



Investment Pool Yield Comparison Data

Data Source	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17
Investment Pool (Avg.)	1.346	1.360	1.368	1.380	1.370	1.385	1.462	1.498
30 Day T-Bill	0.733	0.699	0.817	0.955	0.968	0.965	0.976	1.068
90 Day T-Bill	0.798	0.895	0.990	1.076	1.028	1.036	1.084	1.236
180 Day T-Bill	0.936	1.027	1.105	1.127	1.126	1.164	1.246	1.382
1 Year T-Bill	1.026	1.112	1.192	1.213	1.222	1.268	1.384	1.435

Data Source	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18
Investment Pool (Avg.)	1.515	1.550	1.602	1.669	1.709	1.727	1.742	1.807
30 Day T-Bill	1.176	1.269	1.354	1.616	1.643	1.679	1.786	1.874
90 Day T-Bill	1.325	1.423	1.580	1.711	1.769	1.882	1.920	1.975
180 Day T-Bill	1.484	1.609	1.775	1.904	1.967	2.061	2.099	2.152
1 Year T-Bill	1.687	1.783	1.946	2.046	2.136	2.255	2.308	2.366

Data Source	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19
Investment Pool (Avg.)	1.918	2.027	2.154	2.236	2.281	2.368	2.366	2.400
30 Day T-Bill	1.920	2.015	2.186	2.211	2.333	2.381	2.415	2.420
90 Day T-Bill	2.060	2.157	2.357	2.359	2.393	2.407	2.436	2.439
180 Day T-Bill	2.232	2.337	2.510	2.513	2.531	2.500	2.482	2.493
1 Year T-Bill	2.427	2.542	2.685	2.685	2.651	2.575	2.540	2.486

Data Source	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19
Investment Pool (Avg.)	2.393	2.387	2.389	2.370	2.361	2.295	2.239	2.173
30 Day T-Bill	2.394	2.363	2.115	2.140	1.957	1.867	1.706	1.571
90 Day T-Bill	2.418	2.369	2.190	2.128	1.955	1.816	1.666	1.563
180 Day T-Bill	2.417	2.374	2.106	2.074	1.902	1.819	1.658	1.579
1 Year T-Bill	2.408	2.310	2.140	1.961	1.775	1.756	1.602	1.563



Oakland County Treasurer's Office Summary of Received Interest

Report Date Range: November 01, 2019 - November 30, 2019

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Fund	Fund Description	Interest Received
90100	Investment Pool	3,068,378.85
GRAND TOTAL:		3,068,378.85



Oakland County Treasurer's Office Summary of Received Interest

Report Date Range: October 01, 2019 - November 30, 2019

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Fund	Fund Description	Interest Received
90100	Investment Pool	7,034,130.73
GRAND TOTAL:		7,034,130.73



Oakland County Treasurer's Office Summary of Discounts Received

Report Date Range: October 01, 2019 - November 30, 2019

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<u>Fund</u>	<u>Fund Description</u>	<u>Sum of Discounts</u>
90100	Investment Pool	1,500.00
	GRAND TOTALS:	1,500.00

1 Groups Selected

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Sum of Adjusted Earnings
General	934,290.66
Public Health	-406,704.78
Mandated Indigent Defense Fund	3,676.59
Child Care Fund	-3,822.02
Concealed Pistol Licensing	3,294.90
Register of Deeds Automation	13,813.09
Waste Resource Mgmt Admin	4,885.29
Economic Development Corp	486.94
BFC-Personnel	-1.40
Animal Control Legacy Fund	990.87
Art Culture and Films Donation	50.47
Brd of Commissioners Donation	0.22
Childrens Village Donations	289.29
LE Enhance Lab Fees	2,336.99
LE Enhance Sheriff	276.10
L E Enhance DOJ	436.39
LE Enhance DOT	104.50
LE Enhance Omnibus	0.78
L Pernick Memorial Fund	12.30
Law Library Gift Fund	2.18
Library Gift Fund	0.02
Medical Examiner Library Don	27.17
No Haz Waste Donations	173.52
Veterans Services Donations	0.12
Probate Court Trust	6.42
Restr P A Identity Theft	3.97
Prosecutor Citizen Rewards	126.86
PA OWI Forfeiture	132.84
PA Seized Funds	1,024.52
PA OWI Crime Victim	208.65
Sheriff Auto Theft Prevention	77.54
Sheriff Training	305.88
Sheriff Booking Fee Train	531.22
Lake Charnwood Improvement	0.11
Lake Level Investment	19.10
Pontiac Lake Level	49.73
Sylvan - Otter Lake Level	-11.84
Union Lake Level	34.41
Walled and Shawood Lake Level	19.19
Oakland - Woodhull Lake Level	3.15
Oxbow Lake Level	23.94
Tipsico Lake Level	6.55
Long Lake Level	10.54
Lakeville Lake Level	11.03
Watkins Lake Level	82.49
Middle and Lower Lake Level	11.75
Cass Lake Level	-5.66
Duck Lake Level	-77.53
Commerce Lake Level	25.20
Fox Lake Level	47.57
Bevins Lake Level	-8.15
Cedar Island Lake Level	6.01
Waterford Multi Lake Level	-36.22
Scott Lake Level	0.01
Upperstraits Lake Level	-1.92

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Sum of Adjusted Earnings
Big Lake Level	9.28
Waumegah Lake Level	-6.66
White Lake Level	-4.87
Orchard Lake Level	-12.89
Oxford Multi Lake Level	10.46
Indianwood Lake Level	12.98
Crystal Dam Lake Level	-7.92
Bunny Run Dam Lake Level	-27.79
Lake Louise Lake Level	-11.97
Bush Lake Level	5.87
Drain Ch 4 Maint Admin	232.65
Allen Drain	30.44
Amy Drain	1.38
Arthur Drain	17.40
Axford Drain	19.98
Bailey Drain Ch 4	8.86
Bald Eagle Lake Drain Ch 4	-0.96
Baldwin Drain Ch 4	24.28
Barker - Bailey Drain Ch 4	6.72
Bartlett Drain Ch 4	5.48
Big Meadows Drain Ch 4	19.99
Birdsland Drain Ch 4	33.31
Blackwood Drain Ch 4	51.62
Bloomfld Highlands Drain Ch 4	2.76
Bloomfield Vlg No 2 Drain Ch 4	10.36
Boyd Drain Ch 4	6.94
Brandon - Oxford Drain Ch 4	72.26
Brown Drain Ch 4	22.68
Campbell No 2 Drain Ch 4	31.53
Chatfield Drain Ch 4	11.26
Clarenceville Drain Ch 4	-0.41
Clark Drain Ch 4	3.72
Clawson Drain Ch 4	22.25
County Line Drain Ch 4	-50.32
Courter Drain Ch 4	-0.40
Cowden Drain Ch 4	23.34
Craft Drain Ch 4	12.83
Deconick Drain Ch 4	71.76
Drahner Drain Ch 4	5.26
Drayton Plains Drain Ch 4	-3.49
Dry Run Drain Ch 4	25.81
Dutton Drain Ch 4	-39.66
Evans Drain Ch 4	10.39
Ferry Drain Ch 4	9.71
Fetterly Drain Ch 4	9.16
Five Points Drain Ch 4	3.51
Four Towns Drain Ch 4	4.55
Francis Drain Ch 4	8.06
Frost Drain Ch 4	14.99
Fulton Drain Ch 4	0.38
Galloway Drain Ch 4	42.73
Galloway Lake Farms Drain Ch 4	9.19
Garner Drain Ch 4	17.52
German Drain Ch 4	5.03
Glendale Drain Ch 4	0.06

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Sum of Adjusted Earnings
Graves Drain Ch 4	-0.39
Greenaway Drain Ch 4	0.01
Green Oak No 1 Drain Ch 4	0.67
Griffin Drain Ch 4	3.16
Grobber Drain Ch 4	5.92
Harmony Drain Ch 4	17.54
Hawks Drain Ch 4	0.25
Hawthorne Drain Ch 4	21.55
Hazel Drain Ch 4	-273.30
Herring Drain Ch 4	4.53
Holden Drain Ch 4	10.49
Honeywell Drain Ch 4	18.39
Houghten Drain Ch 4	40.31
Huber Drain Ch 4	1.22
Kent Drain Ch 4	8.21
Kemp Drain Ch 4	70.34
Krohn Drain Ch 4	13.74
Ladd Drain Ch 4	15.69
Lane Drain Ch 4	16.98
Lyon No 1 Drain Ch 4	20.70
Maynard Drain Ch 4	10.45
Minnow Pond Drain Ch 4	-50.47
McClelland Drain Ch 4	0.75
McClure Drain Ch 4	22.34
New Hudson No 1 Drain Ch 4	11.81
Norton Drain Ch 4	100.36
Novi and Lyon Drain Ch 4	45.28
Oak Knob Drain Ch 4	13.80
Oakland Hls Orchard Drain Ch 4	-27.70
Otter Drain Ch 4	34.09
Oxford Avenue Drain Ch 4	-11.83
Paddison Drain Ch 4	-17.27
Paint Creek Drain Ch 4	-5.88
Patterson - Holly Drain Ch 4	13.23
Patton Drain Ch 4	15.58
Pearl Street Drain Ch 4	-9.30
Perry Drain Ch 4	9.87
Pontiac Creek Ext Drain Ch 4	-5.75
Prince Drain Ch 4	4.58
Reid and Branch Drain Ch 4	17.13
Renshaw Drain Ch 4	-28.10
Royal Oak No 9 Drain Ch 4	0.58
Sanders Drain Ch 4	0.02
Sayres Drain Ch 4	19.93
Shuler Drain Ch 4	0.07
Swartz Creek Drain Ch 4	-26.99
Swartz Creek Drain No2 Ch4	-2.33
Seeley Drain Ch 4	-51.45
Shanahan Drain Ch 4	29.17
Shoup Drain Ch 4	-5.39
Sibley Drain Ch 4	3.55
Silvercrest Drain Ch 4	7.80
Sinclair Drain Ch 4	6.12
Sinking Bridge Drain Ch 4	30.01
Sir Drain Ch 4	-2.06

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Sum of Adjusted Earnings
South Lyon No 1 Drain Ch 4	-5.24
Spencer Drain Ch 4	-47.56
Sprague Drain Ch 4	59.05
Sturgis Drain Ch 4	24.41
Sunken Bridge Drain Ch 4	24.68
Taylor Drain Ch 4	8.46
A J Taylor Drain Ch 4	25.88
Taylor and Ladd Drain Ch 4	44.68
Tiffany Smith Drain Ch 4	-0.45
Townline Drain Ch 4	25.38
Tulane Drain Ch 4	6.47
Underhill Drain Ch 4	-0.23
Upper Long Lake Drain Ch 4	5.99
U S 16 Drain Ch 4	-12.19
Vinewood Drain Ch 4	-30.21
Waldron Drain Ch 4	0.68
Ward Drain Ch 4	1.16
Waskins Drain Ch 4	2.23
Weir Drain Ch 4	-18.62
Wessinger Drain Ch 4	16.67
West End Drain Ch 4	20.37
White and Duck Lake Drain Ch 4	14.02
Wilson Drain Ch 4	0.22
Windemere Drain Ch 4	0.23
Woolman and Wells Drain Ch 4	25.22
Wrey Drain Ch 4	0.20
Yerkes Drain Ch 4	44.44
Sump Ch 5 Drain	400.92
Tuttle Drain Ch 4	19.58
Lochaven Drain Ch 4	10.18
Van Maele Drain Ch 4	7.24
Swan Drain Ch 4	5.30
Sherman Drain Ch 4	4.87
Tilden Drain Ch 4	4.37
Josephine Drain Ch 4	5.98
Linden Drain Ch 4	12.27
Beverly Manor No 1 Drain Ch 4	3.62
Maplehurst Drain Ch 4	-32.03
Addison Dryden Ch 5 Drain	-33.79
Lower Pettibone Drain Ch 4	1.82
Davis Drain Ch 4	17.28
McClung Drain Ch 4	12.44
Bare Drain Ch 4	-1.23
Eleven Mile Road Ext	105.44
Clarenceville Ext Drain Ch 4	14.78
Leonard Drain Ch 4	22.71
Mclvor Drain Ch 4	7.80
Ward Orchards Drain Ch 4	9.30
Leon Drain Ch 4	2.37
El Dorado Drain Ch 4	26.32
Skae Drain Ch 4	11.52
Jewel Drain Ch 4	6.04
Drakeshire Condos Drain Ch18	6.56
Pine Lake - North Drain Ch18	7.63
Arbors - W Bloomfld Drain Ch18	-31.24

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Sum of Adjusted Earnings
Thornberry Drain Ch18	18.29
Maple W Retail Cntr Drain Ch18	0.05
Maplewoods North Drain Ch18	60.09
Profs Vill of West Bloomfield	6.25
Perrytown Estates Drain Ch18	7.31
Country Creek Drain Ch18	214.61
Crown Center Drain Ch18	17.05
Westwood Park Drain Ch18	9.25
Maple Place Woods Drain Ch18	4.36
Walnut Woods Apartments	17.52
Greenpointe Condos Drain Ch18	-6.98
Sherwood Crk Cluster Homes	7.58
The Crossings Drain Ch18	27.39
Bloomfld Glen Health Cntr Ch18	1.12
Maple Park Off Cntr Drain Ch18	25.67
Chimney Hill Apts Drain Ch18	-3.00
Walnut Hills W Bloomfield	10.54
Maple Place Condominium	1.16
Mapleridge Condos Drain Ch18	-3.68
Simsbury Condos Drain Ch18	16.34
Ravines W Bloomfld Drain Ch18	7.28
Silverbrook Villa Drain Ch18	-48.06
Aspen Ridge Condo Drain Ch18	43.63
Ramsgate Farms Drain Ch18	15.72
Woodcliff on the Lk Drain Ch18	3.67
Greenpointe North Drain Ch18	14.66
Oakbrooke Condo Drain Ch18	3.12
Simsbury Plaza Drain Ch18	2.60
Oakland Farm Drain Ch18	-3.38
W Bloomfield Ridge Drain Ch18	8.75
Autumn Ridge Est Drain Ch18	0.28
Maple Place Villas Drain Ch18	-4.89
Royal Pointe Drain Ch18	-1.25
Pilgrim Hls WBlmfld Drain Ch18	-14.77
Park Ridge Drain Ch18	24.59
Fieldview Acres Drain Ch18	7.92
Westbrooke Condo Drain Ch18	38.35
Meadowridge Estates Drain Ch18	12.55
Mission Springs Drain Ch18	-20.03
Stonebridge Drain Ch18	7.19
Palais Le Duc Drain Ch18	6.76
Halstead-Pontiac Tr Drain Ch18	10.11
Lagoons W Bloomfld Drain Ch18	-16.53
Southwyck Drain Ch18	15.21
Whispering Woods Drain Ch18	6.20
W Bloomfield Oaks Drain Ch18	84.46
Hills of Oakland Drain Ch18	37.05
Hills of Kings Pnt Drain Ch18	12.41
Pleasant Lake North Drain Ch18	-18.66
Huntwood Meadows Drain Ch18	50.87
Orchard Lake Woods Drain Ch18	13.26
Willow Woods Drain Ch18	2.45
Woodland Ridge Drain Ch18	-17.51
Knollwood Commons Drain Ch18	9.93
Apple Cove Drain Ch18	23.58

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

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Fund Description	Sum of Adjusted Earnings
Westwind Lake Drain Ch18	-0.49
Royal View Drain Ch18	51.16
Goodison Glen Drain Ch18	6.08
Plum Creek Drain Ch18	-3.35
Wellington Woods Drain Ch18	6.08
Chamberlin Farms Drain Ch18	2.56
Cranbrook Ridge Drain Ch18	6.76
Peggy Street Drain Ch18	16.16
Village Square Drain Ch18	4.23
Maple Creek Drain Ch18	32.94
Birchwood Park Drain Ch18	22.55
Goodison Place Drain Ch18	41.15
Woodlands Drain Ch18	28.99
Century Oaks Drain Ch18	112.28
Pilgrim Hls Estates Drain Ch18	6.81
Chelsea Park Drain Ch18	-28.10
W Bloomfield Manor Drain Ch18	5.45
Bloomfield Pines Drain Ch18	-8.72
Lakeview Woodland Rdg Drn Ch18	24.02
Paint Creek Estates Drain Ch18	-0.48
Knorrwood Pines W Drain Ch18	-4.10
Twin Lakes Drain Ch18	166.35
Golden Gate Estates Drain Ch18	25.82
Orchard Ridge Drain Ch18	121.68
Pond Vallee Drain Ch18	5.77
High Meadows Drain Ch18	22.95
Maplecroft Drain Ch18	3.32
Orchards Condo Drain Ch18	7.48
Deer Point Drain Ch18	2.27
Wyndham Pointe Drain Ch18	35.70
Fairfield Estates Drain Ch18	5.91
Cornerstone Condo Drain Ch18	15.10
Century Woods Drain Ch18	20.46
Green Lake Crossing Drain Ch18	2.23
Park Ridge South Drain Ch18	21.93
Villas of Maple Crk Drain Ch18	51.59
Village Square Nrth Drain Ch18	19.19
Cloisters Drain Ch18	3.17
Kingsridge Drain Ch18	5.13
Kirklands Drain Ch18	25.09
Carrollton Hills Drain Ch18	23.08
Claremont Drain Ch18	6.56
Oakland Knolls Drain Ch18	69.02
Walnut Creek Drain Ch18	12.90
Wyndgate Drain Ch18	11.50
Simsbury North Drain Ch18	9.30
Guardian Angel Drain Ch18	320.49
Northwoods Forest Drain Ch18	7.38
Oakland Crest Drain Ch18	168.89
Oakland Meadows Drain Ch18	40.26
Windrift Pond Drain Ch18	8.68
Azzo Drain Ch18	5.57
Heights Drain Ch18	42.96
Windridge Hills Drain Ch18	16.75
Pembroke Park Drain Ch18	5.06

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Sum of Adjusted Earnings
Wellington Drain Ch18	31.45
W Bloomfield Pines Drain Ch 18	9.41
Brandywine Village Drain Ch18	78.51
Carrington Gardens Drain Ch18	23.89
Delta Kelly Drain Ch18	-16.34
Wyndridge Estates Drain Ch18	14.73
Wellington Meadows Drain Ch18	18.11
Woods of Bev Crest Drain	29.90
Shore North Drain Ch18	14.24
Oak Grove Drain Ch18	17.36
Autumn Park Drain Ch18	10.32
Pinnacle Drain Ch18	84.70
Alpine Academy Drain Ch18	11.13
Fairfield Meadows Drain Ch18	33.27
W Trail Preserve Chapter 18	21.86
Eagle Creek Drain Ch18	5.15
Berkshire Estates of Oakland T	544.71
Pines Leigh Drain Ch18	-1.30
Hidden Creek Drain Ch18	6.43
Bungalows Drain Ch18	4.84
Lochaven Woods Drain Ch18	-13.78
Wynstone Drain Ch18	257.26
The Legacy Drain Ch 18	5.39
Turnberry Place ch 18 Drain	95.01
Goodison Vineyard Ch 18 Drain	-0.80
Sherwood Forest Garden Drain	-5.95
Maple Creek Office South Ch18	8.50
Hidden Creek of OAT Ch18	-15.81
Legacy Woods Drain Ch 18	36.07
Twin Beach Drain Ch 18	35.90
Act 342 Proposed Con Projects	471.44
Farmington Hills Water Supply	3,384.66
Act 342 Middlebelt Trans/Tunn	1,946.16
FR 342 ALARM	-244.07
Act 342 NEI Improvements	5,415.65
Act 342 ROT Water Supply	37.40
Regional Water Sply Syst Study	338.56
Friend of the Court	-5,129.03
FOC Access Visitation	21.28
Drug Court Circuit Adult SCAO	-256.05
Drug Court Circuit Juveni SCAO	-19.47
Drug Court Dist 52 1 Probation	-35.70
Drug Court District 52-4 SCAO	-4.68
Drug Court 52 3 Dist SCAO	-40.90
Drug Court District 52 4 SCAO	-113.76
ATPA Grants	-402.99
Prosecutor Co-Op Reimbursement	-670.70
Drug Policy Grant	-87.59
JAG 2018 DJ BX 0805	-28.32
Criminal Justice Training Grnt	72.62
Sheriff Road Patrol	-749.73
Paul Coverdell Grant	-61.35
FY2018 DNA CEBR Program	-35.04
Community Corrections	-666.65
JAG 2017 DJ BX 0947	-0.16

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Fund Description	Sum of Adjusted Earnings
OSAS Tobacco Money	131.48
Health MDPH-OSAS	428.43
HLth Early Warn Infect DisSurv	0.30
Health Adolescent Screening Gr	76.27
Health Tobacco Reduction	9.77
Health Communities Planning	11.44
HLth Infant Mortality-MIHAS	20.37
HLth Immunization Action Plan	64.30
Health Child Services	5.29
Health FIMR	0.01
Health WIC	862.74
Health TB Outreach	23.11
Health AIDS Counseling	162.80
Health HIV Surveillance	1.35
HLth Imm Central Vacc	1.68
Health Vaccines for Children	34.73
Health MCH Block	3,601.04
Health Bioterrorism	554.74
HLth Nurse Family Partnership	-102.12
Health Surface Water Assmnt	-13.43
Health PHEP	-6.90
Suicide Prevention	-3.59
Home Visiting Initiative	-44.36
HIV Data to Care	0.18
Safer Opioid Prescribing Prac	17.61
HLth Nurse Edu Quality & Prac	-25.94
Emerging Threats - Hep C	97.28
Retail Food Standards	-6.22
2019 Medical Marihuana Oper	-85.73
NEHA NEARS	0.36
HIV PrEP Clinic	-13.30
Traffic Safety Assistance	13.58
Animal Control Grants	-11.67
Clerk Survey Reomonumentation	-6.49
County Veterans Service Fund	-345.83
FEMA Grants	-24.33
Domestic Preparedness Equipment	-313.13
Brownfield Consortium Assessmt	-12.49
Brownfields Revolving Loans	1,538.97
Child Lead Poisoning	-15.13
EPI Lab Capacity	5.39
Community Develop Block Grants	681.57
Emergency Solutions Grants	-2.11
NSP3 Pontiac	0.25
Home Investment Partner Grants	7,065.13
Neighborhood Stblztn Program 3	151.02
Neighborhood Stblztn Program	3,129.33
Workforce Dev Undistributed	-47.83
WIOA Admin	-32.06
WIOA Adult	-149.45
WIOA Youth	-102.14
WIOA Dislocated Worker	-76.35
WP EMPL SVS	-61.99
ReEmpl Svc	-12.43
PATH	-167.50

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Fund Description	Sum of Adjusted Earnings
GFGP PATH	-81.15
TRADE	-51.66
FOOD ASSISTANCE	-14.46
MWSC OPS	-4.89
SWA ASC	-2.50
MAT 2 Squared	-40.64
RES WBT Spec. Pops. FY17	-5.60
SWA Refugee Navigator	-11.16
GFGP Refugee Navigator	-2.75
America's Promise	-23.03
Capacity Building	-84.93
WIOA IFA VET PY17	-1.25
WIOA IFA UIA PY17	-3.03
Community Ventures	-29.09
Talent Fund	-25.78
Michigan Rehabilitation Svs	-8.12
Employer Engagement	-0.24
Integrated Ed Trng (IET) PY17	-7.46
ES MWSC	-0.42
Oak Park Debt	2.19
BA-FAC Infrastructure-IT Debt	0.01
BA CMHA Bldg Renov Debt	4.63
BA Animal Ctrl Pet Adopt Debt	10,737.02
BA Keego Harbor Debt	-0.30
CMHA Housing Proj Refunding	0.50
52-3 DC Refunding Bonds	0.01
WrkRel JailMgt Video Refunding	0.01
Office Bldg Reno Refunding	0.01
Sheriff Substation Refunding	1.68
Roch Hills Ext5A Refunding	1.26
Farmington Hills Wtr Sup Debt	11.80
ACT 342 Middlebelt Transport	24.20
Franklin Grinder Pump AI Debt	0.18
Act 342 NEI Debt	8.69
COSDS Softwater Lake Ext Debt	3.45
Highland Twp2 Well Water Suppl	1.82
Building Improvement	17,295.25
Project Work Orders	29,087.99
BA-FAC Infrastructure-IT Projs	93.77
BA Animal Ctrl Pet Adopt	1,345.10
Collaborative Asset MgmtSystem	517.24
BSA Tax Assess Sftware Upgrade	1,370.50
Tax Management System Project	387.14
Imaging System Project	1,991.71
HIPAA Compliance Project	1,309.16
Universal Comm Callabratn Prj	11,719.58
HR-Financial Syst Replacement	15,239.24
Identity and Access Management	2,551.83
Upper Straights LL Dam Recon	-44.41
Waumegah Lk Aug Well Const	28.92
Bush Lake Level Dam	35.62
Bald Eagle Lake Drain Ch4 Con	-19.14
Lower Pettibone Lk San Ch4 Con	500.26
Scott Lake Augmentation Well	20.95
Drain Commissioner Revolving	1,485.30

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Fund Description	Sum of Adjusted Earnings
Long-Term Revolving Fund	3,050.34
Parks and Recreation	39,929.98
Delinquent Tax Revolving	331,688.20
Delinquent Personal Tax Admin2	1,847.65
Fire Records Management	895.27
CLEMIS	23,612.24
Radio Communications Fund	61,098.52
County Airports	35,982.18
Water and Sewer General Admin	5,546.47
Highland Township Water	1,006.86
Springfield Township Water	548.49
Oakland Township Water	3,903.23
Oxford Township Water	-557.11
Walled Lake Water	-11.59
Pontiac Water	49,619.94
Commerce Twp - Detroit Water	11,704.76
Farmington Hills Water	22,408.06
Orchard Lake Water	1,255.51
Keego Harbor Water	1,153.87
Beverly Hills Water	1,294.60
Bingham Farms Water	605.64
Bloomfield Hills Water	-8.60
Royal Oak Township Water	586.22
Farmington Water	-10.15
Addison Oaks Park WWTP	18.76
Belle Ann Falls Ests Sub WWTP	19.65
Softwater Lake Condos WWTP	86.61
Walled Lake - Novi WWTP	2,751.54
Walled Lake SDS	1,233.33
Novi SDS	2,531.83
Commerce Twp WWTP	20,269.13
Commerce Septic Systems	34.50
White Lake Sewer	-354.19
Pontiac Sewer	25,489.84
Commerce Sewer	-418.20
Oakland Township Sewer	3,545.90
Lake Orion Sewer	642.15
Oxford Township Sewer	1,879.71
Farmington Hills Sewer	32,444.38
Orchard Lake Sewer	82.89
Keego Harbor Sewer	2,279.81
Beverly Hills Sewer	821.36
Bingham Farms Sewer	445.00
Franklin Sewer	1,038.79
Bloomfield Hills Sewer	1,431.66
Royal Oak Township Sewer	1,873.90
Farm City SDS Retention Basin	-1.87
Woodlynn Storm Water Pump Sta	18.21
Lathrup Village SRT	80.81
Groveland Oaks WWTP	-3.67
Lyon Oaks WWTP	43.11
Springfield Oaks Park WWTP	32.10
Wolverine Lake SDS	2,269.98
Wolverine Lake Water	2,054.66
Evergreen-Farmington SDS	38,502.38

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Fund Description	Sum of Adjusted Earnings
Ten Mile Rouge	141.69
SOCSDS Sewage Disposal	14,256.89
SOCSDS Pollution Control	71,219.84
Twelve Towns	-3,020.36
Clinton-Oakland SDS	33,507.50
Huron-Rouge SDS	15,090.11
Facilities Maint and Operation	17,595.65
Information Technology	-642.80
Drain Equipment	32,422.14
Motor Pool	10,952.48
Telephone Communications	5,039.47
Building Liability Insurance	13,955.64
Fringe Benefits	184,104.93
Employees Retirement System	29,112.86
VEBA Trust	6,195.74
Superseding Trust	125.36
52-1 District Court Trust	65.49
52-2 District Court Trust	21.88
52-3 District Court Trust	109.16
52-4 District Court Trust	109.16
Undistributed Taxes 14 15	0.02
Industrial Facilities 14 15	-18.17
Tax Collection 14 15	18.15
Undistributed Taxes 2016-17	-20.77
Undistributed Taxes 2019-20	73.17
Industrial Facilities 2019-20	102.25
Tax Collection 2019-20	10,838.56
Register of Deeds Trust	441.12
Sheriff NET Forfeiture	2,256.52
Circuit Court Trust	6,261.59
Escheats Trust	247.95
Legatee Trust	2,536.51
Special Trusts	6,446.60
Contractors Retainage	6,941.21
Public Library Trust	2,112.43
LGIP Auburn Hills	11,911.51
LGIP Berkley	2,277.03
LGIP City of Bloomfield Hills	17,524.14
LGIP Clarkston City Village	762.94
LGIP Farmington General Recv	3,876.75
LGIP Farmington Hills General	13,839.77
LGIP Huntington Woods General	1,960.61
LGIP Huntington Woods Bond	3,788.57
LGIP City of Keego Harbor	1,454.48
LGIP Lk Angelus City-General	635.56
LGIP Lk Angelus City-Imp Revol	193.57
LGIP Madison Heights	44,205.01
LGIP City of Novi	97,471.91
LGIP Oak Park	28,089.59
LGIP Orchard Lk VI Cty General	3,837.31
LGIP Orchard Lk VI Cty Motor P	524.79
LGIP Orchard Lk VI Cty Wat Db	351.73
LGIP Orchard Lk VI Cty Sew Db	1,460.38
LGIP OLV Road	1.15
LGIP OLV Building Dept	381.08

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Fund Description	Sum of Adjusted Earnings
LGIP Pleasant Ridge	6,960.53
LGIP Pontiac	32,136.73
LGIP City of Rochester	6,132.74
City of Rochester Hills	15,614.74
LGIP City of Southfield	68,318.88
LGIP Southfield City-Escrow	127,070.59
LGIP Southfield City-Tax 1	6,649.50
LGIP Southfield Roads	22.43
LGIP SOUTHFIELD WATER & SEWER	78,167.10
LGIP City of Sylvan Lake	1,029.58
LGIP City of Wixom	3,130.35
LGIP Wixom Wastewater	3,595.90
LGIP Wixom Water	1,797.95
LGIP Addison Township	4,153.68
LGIP Bloomfield Twp	41,109.40
LGIP Brandon Township	2,387.06
LGIP Brandon Twp Fire Dept	1,136.08
LGIP Brandon Fire Ambulance	1,168.34
LGIP Brandon Fire Operating	2,189.86
LGIP Brandon Library Savings	1,361.04
LGIP Brandon Police	2,542.36
LGIP Brandon Twp-General Fund	1,452.99
LGIP Brandon Twp-Cable Savings	513.63
LGIP Brandon Twp Recreation	35.77
LGIP Brandon Twp Lake Louise	21.53
LGIP Brandon Twp Com Fire E&H	0.21
LGIP Commerce Twp Sewer	4,367.11
LGIP Commerce Twp Library	4,850.61
LGIP Commerce Twp General	10,812.43
LGIP Commerce Twp Fire	6,767.54
LGIP Commerce Twp Police	4,458.48
LGIP Commerce Twp Sinking Fund	17,394.55
LGIP Commerce Twp Open Space	2,730.73
LGIP Commerce Twp Water	2,907.83
LGIP Commerce Budget Stabil	2,948.06
LGIP Groveland Township	163.75
LGIP Groveland Twp Infra Imp	3,024.08
LGIP Groveland Twp Fire	555.59
LGIP Groveland Twp Health 702	754.91
LGIP Groveland Twp Bldg 249	1,190.77
LGIP Highland Twp Police	315.24
LGIP Highland Twp Fire	1,208.13
LGIP Highland Twp Fire Capital	1,762.53
LGIP Highland Twp General	685.49
LGIP Highland Twp Refuse	538.31
LGIP Independence Township	11,791.49
LGIP Milford TWP Regular Fire	1,566.92
LGIP Milford Twp Library	612.02
LGIP Milford Twp General	2,461.97
LGIP Milford Twp Road	538.77
LGIP Milford Twp Land Acquisit	477.83
LGIP Oakland Township	11,223.22
LGIP Orion Twsp-Water & Sewer	4,217.40
LGIP Orion Twp General	16,170.23
Orion CCCC	2,592.42

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Fund Description	Sum of Adjusted Earnings
LGIP Oxford Twp Sewer	5,004.13
LGIP Oxford Twp Water	3,552.75
LGIP Oxford Twp Cable TV	246.68
LGIP Oxford Twp Trust & Agency	1,050.65
LGIP Oxford Twp Bldg & Site	1.28
LGIP Oxford Twp Tax Fund	172.01
LGIP Oxford Twp Parks and Rec	1,290.79
LGIP Oxford Twp Public Library	2,996.21
LGIP Oxford Twp Fire Fund	1,737.23
LGIP Oxford Twp P&R Bond	690.81
LGIP Rose Twp General	539.32
LGIP Rose Twp Fire	76.02
LGIP Waterford Township	55,697.77
LGIP Waterford Twp - Tax	2,189.63
LGIP Waterford Twp Water Sewer	17,176.76
LGIP West Bloomfield Township	25,964.48
LGIP West Bloomfield Twp Parks	11,509.12
LGIP W Bloomf Twp Safety Path	0.11
LGIP White Lake Township	24,936.59
LGIP White Lake Twsp Water	4,553.29
LGIP White Lk Twp Park & Rec	1,354.32
LGIP White Lk Twp PL Sewer	1,330.32
LGIP White Lk Twp Spec Assmnts	0.04
LGIP White Lk Twp Trust & Agen	1,979.82
LGIP White Lk Imp Revolving	3,280.86
LGIP Village of Holly	3,353.04
LGIP Village of Holly Water	5,259.64
LGIP Lake Orion Village	4,914.74
LGIP Milford Village	5,356.47
LGIP Vil Milford 2019 Bond Fun	220.38
LGIP Ortonville Village	391.67
LGIP Village of Oxford	5,985.50
LGIP Vill Wolverine Lk-Maj Sts	731.30
LGIP Vill Wolverine Lk-General	7,023.80
LGIP Vill Wolverine Lk-Water	4,477.98
LGIP RCOC Road Fund	116,687.88
LGIP RCOC Road Escrow	2,102.84
LGIP RCOC Road Risk	2,404.44
LGIP Tri City Fire Commission	496.95
LGIP Res Rec Recy Auth SE OC	181.21
LGIP W Bloomfield Twp Pub Lib	10,007.80
LGIP SOCWA	3,865.80
LGIP SOCRRA	1,712.19
LGIP Older Person's Commission	568.99
Addison Twp. Library	672.54
Drains Ch 20 Maint Admin	0.56
Dan Devine Drain Ch20	492.96
Eight Mile Drainage District	63.06
Southfield Road Drain Ch20	32.92
Pont Clinton River1 Drain Ch20	36.78
Northwestern Storm Drain Ch20	17.57
Calhoun Drain Ch20	7.34
Owens Relief Drain Ch20	47.44
Austin Drain Ch20	1.20
Pemberton Drain Ch20	12.06

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Fund Description	Sum of Adjusted Earnings
Devonshire Drain Ch20	0.55
Barry Drain Ch20	7.23
Pont Clinton River2 Drain Ch20	12.03
Hamlin Drain Ch20	-3.35
Murphy Drain Ch20	-0.82
Evergreen Rd Storm Drain Ch20	27.09
Kollar Drain Ch20	46.25
Nichols Relief Drain Ch20	15.82
Rummell Relief Drain Ch20	81.38
Ballard Drain Ch20	-28.69
Brooklyn Relief Drain Ch20	-1.67
Richton Relief Drain Ch20	1.32
Lilly Drain Ch20	10.80
Clarkson Drain Ch20	7.39
Brewer Drain Ch20	15.16
Guyer Drain Ch20	1.36
C H Stevens Relief Drain Ch20	-22.98
Mullen Drain Ch20	1.26
Finney Drain Ch20	4.27
Levinson Relief Drain Ch20	-8.13
Henry Graham Drain Ch20	234.61
Augusta Drain Ch20	82.10
Snyder Drain Ch20	17.88
Wagner Drain Ch20	12.33
Jilbert Drain Ch20	24.48
Horton Relief Drain Ch20	11.20
Barnard Drain Ch20	19.46
Case Drain Ch20	7.45
Halfpenny Drain Ch20	-9.52
Osgood Drain Ch20	-19.19
Wilmont Relief Drain Ch20	-49.59
Pont Clinton River3 Drain Ch20	118.10
Ramiro Drain Ch20	9.08
Varner Relief Drain Ch20	16.42
Luz Relief Drain Ch20	90.39
Edwards Relief Drain Ch20	-54.02
Stewart Relief Drain Ch20	219.85
ODonoghue Drain Ch20	5.56
Joslyn Drain Ch20	22.66
Robert J Evans Relf Drain Ch20	22.33
Hamilton Relief Drain Ch20	23.25
Powers Drain Ch20	-4.61
Joachim Drain Ch20	-10.41
Earlmoor Drain Ch20	3.86
Coy Drain Ch20	68.06
Mastin Drain Ch20	23.07
Perinoff Drain Ch20	180.76
Pontiac WWTF Drain Ch20	3,877.85
Emily Drain Ch20	9.26
Gronkowski Drain Ch20	12.90
Fracassi Drain Ch20	-22.92
Hollander Drain Ch20	75.27
Mainland Drain Ch20	-168.85
Montante Drain Ch20	-18.54
Hoot Drain Ch20	1.79

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Fund Description	Sum of Adjusted Earnings
Peterson Drain Ch20	276.98
Wilcox Drain Ch20	244.73
Richardson Drain Ch20	-12.57
Gabler Drain Ch20	718.80
Kasper Drain Ch20	30.02
Dunleavy Drain Ch20	-60.60
Brotherton Drain Ch20	41.78
Lynn D Allen Drain Ch20	8.37
Hobart Drain Ch20	3.99
Hugh Dohany Drain Ch20	307.56
Quinn Drain Ch20	115.18
Heron Drain Maintenance	67.75
McDonnell Drain Ch20	198.98
Fred D Houghton Drain Ch20	-7.36
Brennan Drain Ch20	5.34
Hayes Drain Ch20	-9.19
Page Drain Ch20	-7.30
Fessler Drain Ch20	-9.61
Douglas Drain Ch20	2.56
McDonald Drain Ch20	149.78
Roth Drain Ch20	-66.77
Daly Drain Ch20	3.01
Fortino Drain Ch20	-0.58
Hayward Drain Ch20	1.83
M - 15 Drain Ch20	5.88
Flannery Drain Ch20	187.93
Elliott Drain Ch20	-23.61
Gorsline Drain Ch20	39.57
Lanni Drain Ch20	165.81
Moxley Drain Ch20	12.84
McConnell Drain Ch20	47.00
Olson Drain Ch20	23.15
Dennis Murphy Drain Ch20	4.02
Kelly Drain Ch20	3.22
Doyon Drain Ch20	1.15
Jackson Drain Ch20	137.18
Caddell Drain Ch20	-10.43
Gosling Drain Ch20	2.82
Vogt Drain Ch20	-13.90
Rewold Drain Ch20	41.64
Moore Drain Ch20	-0.92
Nelson Drain Ch20	92.08
Law Drain Ch20	40.25
Skarritt Drain Ch20	14.76
Holland Drain Ch20	-4.26
Dorothy Webb Drain Ch20	2.41
Fredericks Drain Ch20	-56.43
Johnson Drain Ch20	35.72
Ireland Drain Ch20	42.47
Karas Drain Ch20	15.90
Hamlin Ext Maintenance Fund	57.78
Hampton Drain Ch20	44.17
Lueders Drain Ch20	116.86
Borden Drain Ch20	9.12
Keego Harbor Drain Ch20	-27.17

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Fund Description	Sum of Adjusted Earnings
Beechmont Drain Ch20	-78.91
Jensen Drain Ch20	64.00
Crake Drain Ch20	34.01
King Drain Ch20	334.45
Cranberry Lake Drain Ch20	5.08
Bishop Drain Ch20	-1.80
McIntyre Drain Ch20	15.20
Clinton River WRRF Drain CH20	9,790.38
McIntosh Drain Ch20	17.87
Oaks Drain Ch20	-5.61
Pebble Creek Drain Ch20	-1.53
Minnow Pond Drain Ch20	35.24
Vinewood Drain Ch20	197.45
Chester Drain Ch20	1.30
John E Olsen Drain Ch20	39.57
Robert Huber Drain Ch20	16.08
Wolf Drain Ch20	40.73
Palmer Drain Ch20	-4.57
David L Moffitt Drain Ch20	-2.56
Joseph Jones Drain Ch20	18.56
Rufe Collier Drain Ch20	7.01
Schmid Drain Ch 20	-146.03
Blue Heron Drain Ch20	-5.80
Bloomfield Hls CSO Drain Ch20	-195.96
Acacia Park CSO Drain Ch20	2,138.77
Korzon Drain Ch20	8.64
Birmingham CSO Drain Ch20	2,767.85
Bloomfield Twp CSO Drain Ch20	-34.32
Bloomfield Vlg CSO Drain Ch20	2,515.10
McCulloch Drain Maintenance	26.18
Kaczmar Drain Ch20	-91.60
Sue Ann Douglas Drain Ch20	3.58
North Arm Relief Drain Ch20	13.20
Charles R Moon Drain Ch20	9.37
Franklin 14 Mile Drain Ch20	23.78
Greenacre Drain Ch20	2.86
John Garfield Drain Ch20	37.62
Robert A Reid Drain Ch20	-19.28
Donohue Drain Ch20	-3.33
Nancy Dingeldey Drain Ch20	4.09
Jacobs Drain Ch20	12.34
Jamian Drain Ch20	9.42
Tribute Drain Ch20 Maint	2.06
Six Points Drain Ch20	4.35
Pernick Drain Ch 20	-14.63
Kutchey Drain Ch21	78.57
Red Run Federal Drain Ch21	327.29
Red Run Project 2 Drain Ch21	109.46
Walker Relief Drain Ch21	-87.54
Randolph St Drain Ch21	-40.55
Clinton River Basin Drain Ch21	18.31
McCoy Drain Ch21	22.88
Red Run Warren Drain Ch21	-14.67
Oakland Macomb InterceptorCh21	20,604.42
Clinton River Spillway	-1.75

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Fund Description	Sum of Adjusted Earnings
Quail Ridge Drain	-6.76
Dan Devine Debt	1.44
Pontiac WWTF Drain Debt	0.69
Pontiac WWTP Debt	2.06
POC WWTF Taxable Debt	1,534.82
Heron Drain Debt	41.82
POC WWTF Phase I Debt	1.00
King Drain Debt	375.64
Clinton River WRRF	3.66
POC WWTF Phase II Debt	2.31
G W Kuhn Drain Debt	404.49
Franklin Sub-Watershed Debt Fn	40.09
John Garfield Drain Debt	2.87
Donohue Drain Debt	2.68
Rummell Relief Bridge Debt	2.72
Tribute Drain Debt Fund	2.74
OMIDD Seg 1 Debt	151.85
OMIDD Seg 2 Debt	16.94
OMIDD Seg 3 Debt	38.60
OMIDD Seg 4 Debt	35.67
Dan Devine Drain Const	-0.05
Pontiac WWTF Drain Const	20.40
Heron Drain Const	-0.45
Rewold Drain Phase II	-8.17
Rowland Drain Const	-4.57
Clinton River WRRF Drain	1,024.60
Maplehurst Drain Const	-48.90
Bloomfield Hls CSO Drain Const	-27.94
Bloomfield Twp CSO Drain Const	133.96
Kaczmar Drain Const	-0.47
Franklin Sub-Watershed Const	-48.56
POC WWTF 2014 Improve	149.41
Hamlin Drain Erosion Repair	-11.32
North Hayes Interceptor Const	15.93
GWK SDS Improvement Projects	1,360.03
Oakland Macomb Interceptor	283.36
Oakland Macomb InterceptorSeg3	57.08
Oakland Macomb InterceptorSeg4	11,979.53
Rewold Drain Refunding	3.59
Bloomfield Twp Ref CSO DD	64.22
G W Kuhn Drain Refunding	11.77
Jacobs Drain Refunding	1.90
Public Transportation Authrty	46.49
Oak Co Zoological Authority	28.20
Art Institute Authority	150.44
Business Finance Corporation	2,001.39
GRAND TOTALS:	3,058,369.68

926 Groups Selected

Oakland County Treasurer's Office

Summary of Accrued Interest by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Ending Accrual
General	-105,243.50
Public Health	45,813.40
Mandated Indigent Defense Fund	-414.15
Child Care Fund	430.53
Concealed Pistol Licensing	-371.16
Register of Deeds Automation	-1,555.98
Waste Resource Mgmt Admin	-550.31
Economic Development Corp	-54.85
BFC-Personnel	0.16
Animal Control Legacy Fund	-111.62
Art Culture and Films Donation	-5.69
Brd of Commissioners Donations	-0.02
Childrens Village Donations	-32.59
LE Enhance Lab Fees	-263.25
LE Enhance Sheriff	-31.10
L E Enhane DOJ	-49.16
LE Enhance DOT	-11.77
LE Enhance Omnibus	-0.09
L Pernick Memorial Fund	-1.39
Law Library Gift Fund	-0.25
Library Gift Fund	0.01
Medical Examiner Library Don	-3.06
No Haz Waste Donations	-19.55
Veterans Services Donations	-0.01
Probate Court Trust	-0.72
Restr P A Identity Theft	-0.45
Prosecutor Citizen Rewards	-14.29
P A OWI Forfeiture	-14.96
P A Seized Funds	-115.41
P A OWI Crime Victim	-23.50
Sheriff Auto Theft Prevention	-8.73
Sheriff Training	-34.46
Sheriff Booking Fee Train	-59.84
Lake Charnwood Improvement	-0.01
Lake Level Investment	-2.15
Pontiac Lake Level	-5.60
Sylvan - Otter Lake Level	1.33
Union Lake Level	-3.88
Walled and Shawood Lake Level	-2.16
Oakland - Woodhull Lake Level	-0.36
Oxbow Lake Level	-2.70
Tipsico Lake Level	-0.74
Long Lake Level	-1.19
Lakeville Lake Level	-1.24
Watkins Lake Level	-9.29
Middle and Lower Lake Level	-1.32
Cass Lake Level	0.64
Duck Lake Level	8.73
Commerce Lake Level	-2.84
Fox Lake Level	-5.36
Bevins Lake Level	0.92
Cedar Island Lake Level	-0.68
Waterford Multi Lake Level	4.08
Upperstraits Lake Level	0.22
Big Lake Level	-1.05
Waumegah Lake Level	0.75

Oakland County Treasurer's Office

Summary of Accrued Interest by Fund

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Fund Description	Ending Accrual
White Lake Level	0.55
Orchard Lake Level	1.45
Oxford Multi Lake Level	-1.18
Indianwood Lake Level	-1.46
Crystal Dam Lake Level	0.89
Bunny Run Dam Lake Level	3.13
Lake Louise Lake Level	1.35
Bush Lake Level	-0.66
Drain Ch 4 Maint Admin	-26.21
Allen Drain	-3.43
Amy Drain	-0.16
Arthur Drain	-1.96
Axford Drain	-2.25
Bailey Drain Ch 4	-1.00
Bald Eagle Lake Drain Ch 4	0.11
Baldwin Drain Ch 4	-2.74
Barker - Bailey Drain Ch 4	-0.76
Bartlett Drain Ch 4	-0.62
Big Meadows Drain Ch 4	-2.25
Birdsland Drain Ch 4	-3.75
Blackwood Drain Ch 4	-5.82
Bloomfld Highlands Drain Ch 4	-0.31
Bloomfield Vlg No 2 Drain Ch 4	-1.17
Boyd Drain Ch 4	-0.78
Brandon - Oxford Drain Ch 4	-8.14
Brown Drain Ch 4	-2.55
Campbell No 2 Drain Ch 4	-3.55
Chatfield Drain Ch 4	-1.27
Clarenceville Drain Ch 4	0.05
Clark Drain Ch 4	-0.42
Clawson Drain Ch 4	-2.51
County Line Drain Ch 4	5.67
Courter Drain Ch 4	0.04
Cowden Drain Ch 4	-2.63
Craft Drain Ch 4	-1.45
Deconick Drain Ch 4	-8.08
Drahner Drain Ch 4	-0.59
Drayton Plains Drain Ch 4	0.39
Dry Run Drain Ch 4	-2.91
Dutton Drain Ch 4	4.47
Evans Drain Ch 4	-1.17
Ferry Drain Ch 4	-1.09
Fetterly Drain Ch 4	-1.03
Five Points Drain Ch 4	-0.40
Four Towns Drain Ch 4	-0.51
Francis Drain Ch 4	-0.91
Frost Drain Ch 4	-1.69
Fulton Drain Ch 4	-0.04
Galloway Drain Ch 4	-4.81
Galloway Lake Farms Drain Ch 4	-1.03
Garner Drain Ch 4	-1.97
German Drain Ch 4	-0.57
Glendale Drain Ch 4	-0.01
Graves Drain Ch 4	0.04
Green Oak No 1 Drain Ch 4	-0.08
Griffin Drain Ch 4	-0.36

Oakland County Treasurer's Office

Summary of Accrued Interest by Fund

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Fund Description	Ending Accrual
Grobber Drain Ch 4	-0.67
Harmony Drain Ch 4	-1.98
Hawks Drain Ch 4	-0.03
Hawthorne Drain Ch 4	-2.43
Hazel Drain Ch 4	30.79
Herring Drain Ch 4	-0.51
Holden Drain Ch 4	-1.18
Honeywell Drain Ch 4	-2.07
Houghten Drain Ch 4	-4.54
Huber Drain Ch 4	-0.14
Kent Drain Ch 4	-0.93
Kemp Drain Ch 4	-7.92
Krohn Drain Ch 4	-1.55
Ladd Drain Ch 4	-1.77
Lane Drain Ch 4	-1.91
Lyon No 1 Drain Ch 4	-2.33
Maynard Drain Ch 4	-1.18
Minnow Pond Drain Ch 4	5.68
McClelland Drain Ch 4	-0.08
McClure Drain Ch 4	-2.52
New Hudson No 1 Drain Ch 4	-1.33
Norton Drain Ch 4	-11.31
Novi and Lyon Drain Ch 4	-5.10
Oak Knob Drain Ch 4	-1.55
Oakland Hls Orchard Drain Ch 4	3.12
Otter Drain Ch 4	-3.84
Oxford Avenue Drain Ch 4	1.33
Paddison Drain Ch 4	1.95
Paint Creek Drain Ch 4	0.66
Patterson - Holly Drain Ch 4	-1.49
Patton Drain Ch 4	-1.76
Pearl Street Drain Ch 4	1.05
Perry Drain Ch 4	-1.11
Pontiac Creek Ext Drain Ch 4	0.65
Prince Drain Ch 4	-0.52
Reid and Branch Drain Ch 4	-1.93
Renshaw Drain Ch 4	3.17
Royal Oak No 9 Drain Ch 4	-0.07
Sanders Drain Ch 4	0.01
Sayres Drain Ch 4	-2.25
Shuler Drain Ch 4	-0.01
Swartz Creek Drain Ch 4	3.04
Swartz Creek Drain NO2 Ch4	0.26
Seeley Drain Ch 4	5.80
Shanahan Drain Ch 4	-3.29
Shoup Drain Ch 4	0.61
Sibley Drain Ch 4	-0.40
Silvercrest Drain Ch 4	-0.88
Sinclair Drain Ch 4	-0.69
Sinking Bridge Drain Ch 4	-3.38
Sir Drain Ch 4	0.23
South Lyon No 1 Drain Ch 4	0.59
Spencer Drain Ch 4	5.36
Sprague Drain Ch 4	-6.65
Sturgis Drain Ch 4	-2.75
Sunken Bridge Drain Ch 4	-2.78

Oakland County Treasurer's Office

Summary of Accrued Interest by Fund

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Fund Description	Ending Accrual
Taylor Drain Ch 4	-0.95
A J Taylor Drain Ch 4	-2.91
Taylor and Ladd Drain Ch 4	-5.03
Tiffany Smith Drain Ch 4	0.05
Townline Drain Ch 4	-2.86
Tulane Drain Ch 4	-0.73
Underhill Drain Ch 4	0.03
Upper Long Lake Drain Ch 4	-0.67
U S 16 Drain Ch 4	1.37
Vinewood Drain Ch 4	3.40
Waldron Drain Ch 4	-0.08
Ward Drain Ch 4	-0.13
Waskins Drain Ch 4	-0.25
Weir Drain Ch 4	2.10
Wessinger Drain Ch 4	-1.88
West End Drain Ch 4	-2.29
White and Duck Lake Drain Ch 4	-1.58
Wilson Drain Ch 4	-0.02
Windemere Drain Ch 4	-0.03
Woolman and Wells Drain Ch 4	-2.84
Wrey Drain Ch 4	-0.02
Yerkes Drain Ch 4	-5.01
Sump Ch 5 Drain	-45.16
Tuttle Drain Ch 4	-2.21
Lochaven Drain Ch 4	-1.15
Van Maele Drain Ch 4	-0.82
Swan Drain Ch 4	-0.60
Sherman Drain Ch 4	-0.55
Tilden Drain Ch 4	-0.49
Josephine Drain Ch 4	-0.67
Linden Drain Ch 4	-1.38
Beverly Manor No 1 Drain Ch 4	-0.41
Maplehurst Drain Ch 4	3.61
Addison Dryden Ch 5 Drain	3.81
Lower Pettibone Drain Ch 4	-0.21
Davis Drain Ch 4	-1.95
McClung Drain Ch 4	-1.40
Bare Drain Ch 4	0.14
Eleven Mile Road Ext	-11.88
Clarenceville Ext Drain Ch 4	-1.67
Leonard Drain Ch 4	-2.56
Mclvor Drain Ch 4	-0.88
Ward Orchards Drain Ch 4	-1.05
Leon Drain Ch 4	-0.27
El Dorado Drain Ch 4	-2.96
Skae Drain Ch 4	-1.30
Jewel Drain Ch 4	-0.68
Drakeshire Condos Drain Ch18	-0.74
Pine Lake - North Drain Ch18	-0.86
Arbors - W Bloomfld Drain Ch18	3.52
Thornberry Drain Ch18	-2.06
Maple W Retail Cntr Drain Ch18	-0.01
Maplewoods North Drain Ch18	-6.77
Profs Vill of West Bloomfield	-0.70
Perrytown Estates Drain Ch18	-0.82
Country Creek Drain Ch18	-24.18

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

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Fund Description	Ending Accrual
Crown Center Drain Ch18	-1.92
Westwood Park Drain Ch18	-1.04
Maple Place Woods Drain Ch18	-0.49
Walnut Woods Apartments	-1.97
Greenpointe Condos Drain Ch18	0.79
Sherwood Crk Cluster Homes	-0.85
The Crossings Drain Ch18	-3.09
Bloomfld Glen Health Cntr Ch18	-0.13
Maple Park Off Cntr Drain Ch18	-2.89
Chimney Hill Apts Drain Ch18	0.34
Walnut Hills W Bloomfield	-1.19
Maple Place Condominium	-0.13
Mapleridge Condos Drain Ch18	0.41
Simsbury Condos Drain Ch18	-1.84
Ravines W Bloomfld Drain Ch18	-0.82
Silverbrook Villa Drain Ch18	5.41
Aspen Ridge Condo Drain Ch18	-4.92
Ramsgate Farms Drain Ch18	-1.77
Woodcliff on the Lk Drain Ch18	-0.41
Greenpointe North Drain Ch18	-1.65
Oakbrooke Condo Drain Ch18	-0.35
Simsbury Plaza Drain Ch18	-0.29
Oakland Farm Drain Ch18	0.38
W Bloomfield Ridge Drain Ch18	-0.99
Autumn Ridge Est Drain Ch18	-0.03
Maple Place Villas Drain Ch18	0.55
Royal Pointe Drain Ch18	0.14
Pilgrim Hls WBlmfld Drain Ch18	1.66
Park Ridge Drain Ch18	-2.77
Fieldview Acres Drain Ch18	-0.89
Westbrooke Condo Drain Ch18	-4.32
Meadowridge Estates Drain Ch18	-1.41
Mission Springs Drain Ch18	2.26
Stonebridge Drain Ch18	-0.81
Palais Le Duc Drain Ch18	-0.76
Halstead-Pontiac Tr Drain Ch18	-1.14
Lagoons W Bloomfld Drain Ch18	1.86
Southwyck Drain Ch18	-1.71
Whispering Woods Drain Ch18	-0.70
W Bloomfield Oaks Drain Ch18	-9.51
Hills of Oakland Drain Ch18	-4.17
Hills of Kings Pnt Drain Ch18	-1.40
Pleasant Lake North Drain Ch18	2.10
Huntwood Meadows Drain Ch18	-5.73
Orchard Lake Woods Drain Ch18	-1.49
Willow Woods Drain Ch18	-0.28
Woodland Ridge Drain Ch18	1.97
Knollwood Commons Drain Ch18	-1.12
Apple Cove Drain Ch18	-2.66
Westwind Lake Drain Ch18	0.06
Royal View Drain Ch18	-5.76
Goodison Glen Drain Ch18	-0.68
Plum Creek Drain Ch18	0.38
Wellington Woods Drain Ch18	-0.68
Chamberlin Farms Drain Ch18	-0.29
Cranbrook Ridge Drain Ch18	-0.76

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

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Fund Description	Ending Accrual
Peggy Street Drain Ch18	-1.82
Village Square Drain Ch18	-0.48
Maple Creek Drain Ch18	-3.71
Birchwood Park Drain Ch18	-2.54
Goodison Place Drain Ch18	-4.64
Woodlands Drain Ch18	-3.27
Century Oaks Drain Ch18	-12.65
Pilgrim Hls Estates Drain Ch18	-0.77
Chelsea Park Drain Ch18	3.17
W Bloomfield Manor Drain Ch18	-0.61
Bloomfield Pines Drain Ch18	0.98
Lakeview Woodland Rdg Drn Ch18	-2.71
Paint Creek Estates Drain Ch18	0.05
Knorrwood Pines W Drain Ch18	0.46
Twin Lakes Drain Ch18	-18.74
Golden Gate Estates Drain Ch18	-2.91
Orchard Ridge Drain Ch18	-13.71
Pond Vallee Drain Ch18	-0.65
High Meadows Drain Ch18	-2.59
Maplecroft Drain Ch18	-0.37
Orchards Condo Drain Ch18	-0.84
Deer Point Drain Ch18	-0.26
Wyndham Pointe Drain Ch18	-4.02
Fairfield Estates Drain Ch18	-0.67
Cornerstone Condo Drain Ch18	-1.70
Century Woods Drain Ch18	-2.31
Green Lake Crossing Drain Ch18	-0.25
Park Ridge South Drain Ch18	-2.47
Villas of Maple Crk Drain Ch18	-5.81
Village Square Nrth Drain Ch18	-2.16
Cloisters Drain Ch18	-0.36
Kingsridge Drain Ch18	-0.58
Kirklands Drain Ch18	-2.83
Carrollton Hills Drain Ch18	-2.60
Claremont Drain Ch18	-0.74
Oakland Knolls Drain Ch18	-7.77
Walnut Creek Drain Ch18	-1.45
Wyndgate Drain Ch18	-1.30
Simsbury North Drain Ch18	-1.05
Guardian Angel Drain Ch18	-36.10
Northwoods Forest Drain Ch18	-0.83
Oakland Crest Drain Ch18	-19.03
Oakland Meadows Drain Ch18	-4.53
Windrift Pond Drain Ch18	-0.98
Azzo Drain Ch18	-0.63
Heights Drain Ch18	-4.84
Windridge Hills Drain Ch18	-1.89
Pembroke Park Drain Ch18	-0.57
Wellington Drain Ch18	-3.54
W Bloomfield Pines Drain Ch 18	-1.06
Brandywine Village Drain Ch 18	-8.84
Carrington Gardens Drain Ch18	-2.69
Delta Kelly Drain Ch18	1.84
Wyndridge Estates Drain Ch18	-1.66
Wellington Meadows Drain Ch18	-2.04
Woods of Bev Crest Drain	-3.37

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

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Fund Description	Ending Accrual
Shore North Drain Ch18	-1.60
Oak Grove Drain Ch18	-1.96
Autumn Park Drain Ch18	-1.16
Pinnacle Drain Ch18	-9.54
Alpine Academy Drain Ch18	-1.25
Fairfield Meadows Drain Ch18	-3.75
W Trail Preserve Chapter 18	-2.46
Eagle Creek Drain Ch18	-0.58
Berkshire Estates of Oakland T	-61.36
Pines Leigh Drain Ch18	0.15
Hidden Creek Drain Ch18	-0.72
Bungalows Drain Ch18	-0.54
Lochaven Woods Drain Ch18	1.55
Wynstone Drain Ch18	-28.98
The Legacy Drain Ch 18	-0.61
Turnberry Place Ch 18 Drain	-10.70
Goodison Vineyard Ch 18 Drain	0.09
Sherwood Forest Garden Drain	0.67
Maple Creek Office South Ch18	-0.96
Hidden Creek of OAT Ch18	1.78
Legacy Woods Drain Ch 18	-4.06
Twin Beach Drain Ch 18	-4.04
Act 342 Proposed Con Projects	-53.11
Farmington Hills Water Supply	-381.27
Act 342 Middlebelt Trans/Tunn	-219.23
FR342 Alarm	27.49
Act 342 NEI Improvements	-610.05
Act 342 ROT Water Supply	-4.21
Regional Water Sply Syst Study	-38.14
Friend of the Court	577.76
FOC Access Visitation	-2.40
Drug Court Circuit Adult SCAO	28.84
Drug Court Circuit Juveni SCAO	2.19
Drug Court Dist 52 1 Probation	4.02
Drug Court District 52-4 SCAO	0.53
Drug Court 52 3 Dist SCAO	4.61
Drug Court District 52 4 SCAO	12.81
ATPA Grants	45.39
Prosecutor Co-Op Reimbursement	75.55
Drug Policy Grant	9.87
JAG 2018 DJ BX 0805	3.19
Criminal Justice Training Grnt	-8.18
Sheriff Road Patrol	84.45
Paul Coverdell Grant	6.91
FY 2018 DNA CEBR Program	3.95
Community Corrections	75.09
JAG 2017 DJ BX0947	0.02
OSAS Tobacco Money	-14.81
Health MDPH-OSAS	-48.26
HLth Early Warn Infect DisSurv	-0.03
HLth Adolescent Screening Gran	-8.59
Health Tobacco Reduction	-1.10
Health Communities Planning	-1.29
HLth Infant Mortality-MIHAS	-2.29
HLth Immunization Action Plan	-7.24
Health Child Services	-0.60

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

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Fund Description	Ending Accrual
Health FIMR	0.01
Health WIC	-97.18
Health TB Outreach	-2.60
Health AIDS Counseling	-18.34
Health HIV Surveillance	-0.15
HLth Imm Central Vacc	-0.19
Health Vaccines for Children	-3.91
Health MCH Block	-405.64
Health Bioterrorism	-62.49
HLth Nurse Family Partnership	11.50
Qpcr Methods for OC Beaches	1.51
Health PHEP	0.78
Suicide Prevention	0.40
Home Visiting Initiative	5.00
HIV Data to Care	-0.02
Safer Opioid Prescribing Prac	-1.98
HLth Nurse Edu Quality & Prac	2.92
Emerging Threats - Hep C	-10.96
Retail Food Standards	0.70
2019 Medical Marijuana Oper	9.66
NEHA NEARS	-0.04
HIV PrEP Clinic	1.50
Traffic Safety Assistance	-1.53
Animal Control Grants	1.31
Clerk Survey Reomonumentation	0.73
County Veterans Service Fund	38.96
FEMA Grants	2.74
Domestic Preparedness Equipment	35.27
Brownfield Consortium Assessmt	1.41
Brownfields Revolving Loans	-173.36
Child Lead Poisoning	1.70
EPI Lab Capacity	-0.61
Community Develop Block Grants	-76.78
Emergency Solutions Grants	0.24
NSP3 Pontiac	-0.03
Home Investment Partner Grants	-795.85
Neighborhood Stblztn Program 3	-17.01
Neighborhood Stblztn Program	-352.50
Workforce Dev Undistributed	5.39
WIOA Admin	3.61
WIOA Adult	16.83
WIOA Youth	11.51
WIOA Dislocated Worker	8.60
WP EMPL SVS	6.98
RelEmplSvs	1.40
PATH	18.87
GFGP PATH	9.14
TRADE	5.82
FOOD ASSISTANCE	1.63
MWSC OPS	0.55
SWA ASC	0.28
MAT 2 Squared	4.58
RES WBT Spec. Pops. FY17	0.63
SWA Refugee Navigator	1.26
GFGP Refugee Navigator	0.31
America's Promise	2.59

Oakland County Treasurer's Office

Summary of Accrued Interest by Fund

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Fund Description	Ending Accrual
Capacity Building	9.57
WIOA IFA VET PY17	0.14
WIOA IFA UIA PY17	0.34
Community Ventures PGM FY 18	3.28
Talent Fund	2.90
Michigan Rehabilitation Svs	0.91
Employer Engagement	0.03
Integrated Ed Trng (IET) PY17	0.84
ES MWSC	0.05
Oak Park Debt	-0.25
BA CMHA Bldg Renov Debt	-0.52
BA Animal Ctrl Pet Adopt Debt	-1,209.48
BA Keego Harbor Debt	0.03
CMHA Housing Proj Refunding	-0.06
Sheriff Substation Refunding	-0.19
Roch Hills Ext5A Refunding	-0.14
Farmington Hills Watr Sup Debt	-1.33
ACT 342 MiddlebeltTransport	-2.73
Franklin Grinder Pump AI Debt	-0.02
Act 342 NEI Debt	-0.98
COSDS Softwater Lake Ext Debt	-0.39
Highland Twp2 Well Water Suppl	-0.21
Building Improvement	-1,948.23
Project Work Orders	-3,276.62
BA-FAC Infrastructure-IT Projs	-10.56
BA Animal Ctrl Pet Adopt	-151.52
Collaborative Asset MgmtSystem	-58.27
BSA Tax Assess Sftware Upgrade	-154.38
Tax Management System Project	-43.61
Imaging System Project	-224.36
HIPAA Compliance Project	-147.47
Universal Comm Collabratn Prj	-1,320.16
HR-Financial Syst Replacement	-1,716.63
Identity & Access Management	-287.45
Upper Straights LL Dam Recon	5.00
Waumegah Lk Aug Well Const	-3.26
Bush Lake Level Dam	-4.01
Bald Eagle Lake Drain Ch4 Con	2.16
Lower Pettibone Lk San Ch4 Con	-56.35
Scott Lake Augmentation Well	-2.36
Drain Commissioner Revolving	-167.31
Long-Term Revolving Fund	-343.61
Parks and Recreation	-4,497.92
Delinquent Tax Revolving	-37,363.12
Delinquent Personal Tax Admin2	-208.13
Fire Records Management	-100.85
CLEMIS	-2,659.81
Radio Communications Fund	-6,882.46
County Airports	-4,053.22
Water and Sewer General Admin	-624.78
Highland Township Water	-113.42
Springfield Township Water	-61.78
Oakland Township Water	-439.68
Oxford Township Water	62.76
Walled Lake Water	1.31
Pontiac Water	-5,589.45

Oakland County Treasurer's Office

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Fund Description	Ending Accrual
Commerce Twp - Detroit Water	-1,318.49
Farmington Hills Water	-2,524.16
Orchard Lake Water	-141.43
Keego Harbor Water	-129.98
Beverly Hills Water	-145.83
Bingham Farms Water	-68.22
Bloomfield Hills Water	0.97
Royal Oak Township Water	-66.04
Farmington Water	1.14
Addison Oaks Park WWTP	-2.11
Belle Ann Falls Ests Sub WWTP	-2.21
Softwater Lake Condos WWTP	-9.76
Walled Lake - Novi WWTP	-309.95
Walled Lake SDS	-138.93
Novi SDS	-285.20
Commerce Twp WWTP	-2,283.22
Commerce Septic Systems	-3.89
White Lake Sewer	39.90
Pontiac Sewer	-2,871.31
Commerce Sewer	47.11
Oakland Township Sewer	-399.43
Lake Orion Sewer	-72.34
Oxford Township Sewer	-211.74
Farmington Hills Sewer	-3,654.71
Orchard Lake Sewer	-9.34
Keego Harbor Sewer	-256.81
Beverly Hills Sewer	-92.52
Bingham Farms Sewer	-50.13
Franklin Sewer	-117.02
Bloomfield Hills Sewer	-161.27
Royal Oak Township Sewer	-211.09
Farm City SDS Retention Basin	0.21
Woodlynne Storm Water Pump Sta	-2.05
Lathrup Village SRT	-9.10
Groveland Oaks WWTP	0.41
Lyon Oaks WWTP	-4.86
Springfield Oaks Park WWTP	-3.62
Wolverine Lake SDS	-255.70
Wolverine Lake Water	-231.45
Evergreen-Farmington SDS	-4,337.11
Ten Mile Rouge	-15.96
SOCSDS Sewage Disposal	-1,605.97
SOCSDS Pollution Control	-8,022.58
Twelve Towns	340.23
Clinton-Oakland SDS	-3,774.46
Huron-Rouge SDS	-1,699.83
Facilities Maint and Operation	-1,982.07
Information Technology	72.41
Drain Equipment	-3,652.20
Motor Pool	-1,233.75
Telephone Communications	-567.67
Building Liability Insurance	-1,572.04
Fringe Benefits	-20,738.55
Employees Retirement System	-3,279.43
VEBA Trust	-697.92
Superseding Trust	-14.12

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

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Fund Description	Ending Accrual
52-1 District Court Trust	-7.38
52-2 District Court Trust	-2.46
52-3 District Court Trust	-12.30
52-4 District Court Trust	-12.30
Undistributed Taxes 14 15	0.01
Industrial Facilities 14 15	2.05
Tax Collection 14 15	-2.04
Undistributed Tax 2016-17	2.34
Undistributed Taxes 2019-20	-8.24
Industrial Facilities 2019-20	-11.52
Tax Collection	-1,220.91
Register of Deeds Trust	-49.69
Sheriff NET Forfeiture	-254.19
Circuit Court Trust	-705.34
Escheats Trust	-27.93
Legatee Trust	-285.73
Special Trusts	-726.18
Contractors Retainage	-781.89
Public Library Trust	-237.96
LGIP Auburn Hills	-1,341.78
LGIP Berkley	-256.50
LGIP City of Bloomfield Hills	-1,974.01
LGIP Clarkston City Village	-85.94
LGIP Farmington General Recv	-436.70
LGIP Farmington Hills General	-1,558.98
LGIP Huntington Woods General	-220.85
LGIP Huntington Woods Bond	-426.76
LGIP City of Keego Harbor	-163.84
LGIP Lk Angelus City-General	-71.59
LGIP Lk Angelus City-Imp Revol	-21.80
LGIP Madison Heights	-4,979.49
LGIP City of Novi	-10,979.75
LGIP Oak Park	-3,164.16
LGIP Orchard Lk VI Cty General	-432.25
LGIP Orchard Lk VI Cty Motor P	-59.12
LGIP Orchard Lk VI Cty Wat Db	-39.62
LGIP Orchard Lk VI Cty Sew Db	-164.51
LGIP OLV Road	-0.13
LGIP OLV Building Dept	-42.93
LGIP Pleasant Ridge	-784.07
LGIP Pontiac	-3,620.05
LGIP City of Rochester	-690.82
City of Rochester Hills	-1,758.93
LGIP City of Southfield	-7,695.80
LGIP Southfield City-Escrow	-14,313.90
LGIP Southfield City-Tax 1	-749.04
LGIP Southfield Roads	-2.53
LGIP SOUTHFELD WATER & SEWER	-8,805.15
LGIP City of Sylvan Lake	-115.98
LGIP City of Wixom	-352.62
LGIP Wixom Wastewater	-405.06
LGIP Wixom Water	-202.53
LGIP Addison Township	-467.89
LGIP Bloomfield Twp	-4,630.78
LGIP Brandon Township	-268.89
LGIP Brandon Twp Fire Dept	-127.97

Oakland County Treasurer's Office

Summary of Accrued Interest by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Ending Accrual
LGIP Brandon Fire Ambulance	-131.61
LGIP Brandon Fire Operating	-246.68
LGIP Brandon Library Savings	-153.32
LGIP Brandon Police	-286.38
LGIP Brandon Twp-General Fund	-163.67
LGIP Brandon Twp-Cable Savings	-57.86
LGIP Brandon Twp Recreation	-4.03
LGIP Brandon Twp Lake Louise	-2.42
LGIP Brandon Twp Com Fire E&h	-0.02
LGIP Commerce Twp Sewer	-491.93
LGIP Commerce Twp Library	-546.40
LGIP Commerce Twp General	-1,217.97
LGIP Commerce Twp Fire	-762.33
LGIP Commerce Twp Police	-502.23
LGIP Commerce Twp Sinking Fund	-1,959.41
LGIP Commerce Twp Open Space	-307.60
LGIP Commerce Twp Water	-327.55
LGIP Commerce Budget Stabil	-332.09
LGIP Groveland Township	-18.45
LGIP Groveland Twp Infra Imp	-340.65
LGIP Groveland Twp Fire	-62.59
LGIP Groveland Twp Health 702	-85.04
LGIP Groveland Twp Bldg 249	-134.13
LGIP Highland Twp Police	-35.51
LGIP Highland Twp Fire	-136.09
LGIP Highland Twp Fire Capital	-198.54
LGIP Highland Twp General	-77.22
LGIP Highland Twp Refuse	-60.64
LGIP Independence Township	-1,328.26
LGIP Milford Twp Regular Fire	-176.51
LGIP Milford Twp Library	-68.94
LGIP Milford Twp General	-277.33
LGIP Milford Twp Road	-60.69
LGIP Milford Twp Land Acquisit	-53.83
LGIP Oakland Township	-1,264.24
LGIP Orion Twsp-Water & Sewer	-475.07
LGIP Orion Twp General	-1,821.50
Orion CCCC	-292.02
LGIP Oxford Twp Sewer	-563.69
LGIP Oxford Twp Water	-400.20
LGIP Oxford Twp Cable TV	-27.79
LGIP Oxford Twp Trust & Agency	-118.35
LGIP Oxford Twp Bldg & Site	-0.14
LGIP Oxford Twp Tax Fund	-19.38
LGIP Oxford Twp Parks and Rec	-145.40
LGIP Oxford Twp Public Library	-337.51
LGIP Oxford Twp Fire Fund	-195.69
LGIP Oxford Twp Bond	-77.82
LGIP Rose Twp General	-60.75
LGIP Rose Twp Fire	-8.56
LGIP Waterford Township	-6,274.09
LGIP Waterford Twp - Tax	-246.65
LGIP Waterford Twp Water Sewer	-1,934.88
LGIP West Bloomfield Township	-2,924.78
LGIP West Bloomfield Twp Parks	-1,296.45
LGIP W Bloomf Twp Safety Path	-0.01

Oakland County Treasurer's Office

Summary of Accrued Interest by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Ending Accrual
LGIP White Lake Township	-2,808.99
LGIP White Lake Twp Water	-512.91
LGIP White Lk Twp Parks & Rec	-152.56
LGIP White Lk Twp PL Sewer	-149.85
LGIP White Lk Twp Trust & Agen	-223.02
LGIP White Lk Imp Revolving	-369.57
LGIP Village of Holly	-377.70
LGIP Village of Holly Water	-592.47
LGIP Lake Orion Village	-553.62
LGIP Milford Village	-603.38
LGIP Vil Milford 2019 Bond Fun	-24.82
LGIP Ortonville Village	-44.12
LGIP Village of Oxford	-674.24
LGIP Vill Wolverine Lk-Maj Str	-82.38
LGIP Vill Wolverine Lk-General	-791.20
LGIP Vill Wolverine Lk-Water	-504.42
LGIP RCOC Road Fund	-13,144.35
LGIP RCOC Road Escrow	-236.87
LGIP RCOC Road Risk	-270.85
LGIP Tri City Fire Commission	-55.98
LGIP Res Rec Recy Auth SE OC	-20.41
LGIP W Bloomfield Twp Pub Lib	-1,127.33
LGIP SOCWA	-435.46
LGIP SOCRRA	-192.87
LGIP Older Person's Commission	-64.09
LGIP Addison Twp. Library	-75.76
Drains Ch 20 Maint Admin	-0.06
Dan Devine Drain Ch20	-55.53
Eight Mile Drainage District	-7.10
Southfield Road Drain Ch20	-3.71
Pont Clinton River1 Drain Ch20	-4.14
Northwestern Storm Drain Ch20	-1.98
Calhoun Drain Ch20	-0.83
Owens Relief Drain Ch20	-5.34
Austin Drain Ch20	-0.14
Pemberton Drain Ch20	-1.36
Devonshire Drain Ch20	-0.06
Barry Drain Ch20	-0.81
Pont Clinton River2 Drain Ch20	-1.36
Hamlin Drain Ch20	0.38
Murphy Drain Ch20	0.09
Evergreen Rd Storm Drain Ch20	-3.05
Kollar Drain Ch20	-5.21
Nichols Relief Drain Ch20	-1.78
Rummell Relief Drain Ch20	-9.17
Ballard Drain Ch20	3.23
Brooklyn Relief Drain Ch20	0.19
Richton Relief Drain Ch20	-0.15
Lilly Drain Ch20	-1.22
Clarkson Drain Ch20	-0.83
Brewer Drain Ch20	-1.71
Guyer Drain Ch20	-0.15
C H Stevens Relief Drain Ch20	2.59
Mullen Drain Ch20	-0.14
Finney Drain Ch20	-0.48
Levinson Relief Drain Ch20	0.92

Oakland County Treasurer's Office

Summary of Accrued Interest by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Ending Accrual
Henry Graham Drain Ch20	-26.43
Augusta Drain Ch20	-9.25
Snyder Drain Ch20	-2.01
Wagner Drain Ch20	-1.39
Jilbert Drain Ch20	-2.76
Horton Relief Drain Ch20	-1.26
Barnard Drain Ch20	-2.19
Case Drain Ch20	-0.84
Halfpenny Drain Ch20	1.07
Osgood Drain Ch20	2.16
Wilmont Relief Drain Ch20	5.59
Pont Clinton River3 Drain Ch20	-13.30
Ramiro Drain Ch20	-1.02
Varner Relief Drain Ch20	-1.85
Luz Relief Drain Ch20	-10.18
Edwards Relief Drain Ch20	6.08
Stewart Relief Drain Ch20	-24.76
ODonoghue Drain Ch20	-0.63
Joslyn Drain Ch20	-2.55
Robert J Evans Relf Drain Ch20	-2.52
Hamilton Relief Drain Ch20	-2.62
Powers Drain Ch20	0.52
Joachim Drain Ch20	1.17
Earlmoor Drain Ch20	-0.44
Coy Drain Ch20	-7.67
Mastin Drain Ch20	-2.60
Perinoff Drain Ch20	-20.36
Pontiac WWTF Drain Ch20	-436.82
Emily Drain Ch20	-1.04
Gronkowski Drain Ch20	-1.45
Fracassi Drain Ch20	2.58
Hollander Drain Ch20	-8.48
Mainland Drain Ch20	19.02
Montante Drain Ch20	2.09
Hoot Drain Ch20	-0.20
Peterson Drain Ch20	-31.20
Wilcox Drain Ch20	-27.57
Richardson Drain Ch20	1.42
Gabler Drain Ch20	-80.97
Kasper Drain Ch20	-3.38
Dunleavy Drain Ch20	6.83
Brotherton Drain Ch20	-4.71
Lynn D Allen Drain Ch20	-0.94
Hobart Drain Ch20	-0.45
Hugh Dohany Drain Ch20	-34.64
Quinn Drain Ch20	-12.97
Heron Drain Maintenance	-7.63
McDonnell Drain Ch20	-22.41
Fred D Houghton Drain Ch20	0.83
Brennan Drain Ch20	-0.60
Hayes Drain Ch20	1.04
Page Drain Ch20	0.82
Fessler Drain Ch20	1.08
Douglas Drain Ch20	-0.29
McDonald Drain Ch20	-16.87
Roth Drain Ch20	7.52

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Ending Accrual
Daly Drain Ch20	-0.34
Fortino Drain Ch20	0.07
Hayward Drain Ch20	-0.21
M - 15 Drain Ch20	-0.66
Flannery Drain Ch20	-21.17
Elliott Drain Ch20	2.66
Gorsline Drain Ch20	-4.46
Lanni Drain Ch20	-18.68
Moxley Drain Ch20	-1.45
McConnell Drain Ch20	-5.29
Olson Drain Ch20	-2.61
Dennis Murphy Drain Ch20	-0.45
Kelly Drain Ch20	-0.36
Doyon Drain Ch20	-0.13
Jackson Drain Ch20	-15.45
Caddell Drain Ch20	1.18
Gosling Drain Ch20	-0.32
Vogt Drain Ch20	1.57
Rewold Drain Ch20	-4.69
Moore Drain Ch20	0.10
Nelson Drain Ch20	-10.37
Law Drain Ch20	-4.53
Skarritt Drain Ch20	-1.66
Holland Drain Ch20	0.48
Dorothy Webb Drain Ch20	-0.27
Fredericks Drain Ch20	6.36
Johnson Drain Ch20	-4.02
Ireland Drain Ch20	-4.78
Karas Drain Ch20	-1.79
Hamlin Ext Maintenance Fund	-6.51
Hampton Drain Ch20	-4.98
Lueders Drain Ch20	-13.16
Borden Drain Ch20	-1.03
Keego Harbor Drain Ch20	3.06
Beechmont Drain Ch20	8.89
Jensen Drain Ch20	-7.21
Crake Drain Ch20	-3.83
King Drain Ch20	-37.67
Cranberry Lake Drain Ch20	-0.57
Bishop Drain Ch20	0.20
McIntyre Drain Ch20	-1.71
Clinton River WRRF Drain CH20	-1,102.85
McIntosh Drain Ch20	-2.01
Oaks Drain Ch20	0.63
Pebble Creek Drain Ch20	0.17
Minnow Pond Drain Ch20	-3.97
Vinewood Drain Ch20	-22.24
Chester Drain Ch20	-0.15
John E Olsen Drain Ch20	-4.46
Robert Huber Drain Ch20	-1.81
Wolf Drain Ch20	-4.59
Palmer Drain Ch20	0.52
David L Moffitt Drain Ch20	0.29
Joseph Jones Drain Ch20	-2.09
Rufe Collier Drain Ch20	-0.79
Schmid Drain Ch 20	16.45

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Ending Accrual
Blue Heron Drain Ch20	0.65
Bloomfield Hls CSO Drain Ch20	22.07
Acacia Park CSO Drain Ch20	-240.93
Korzon Drain Ch20	-0.97
Birmingham CSO Drain Ch20	-311.79
Bloomfield Twp CSO Drain Ch20	3.87
Bloomfield Vlg CSO Drain Ch20	-283.32
McCullouch Drain Maintenance	-2.95
Kaczmar Drain Ch20	10.32
Sue Ann Douglas Drain Ch20	-0.40
North Arm Relief Drain Ch20	-1.49
Charles R Moon Drain Ch20	-1.06
Franklin 14 Mile Drain Ch20	-2.68
Greenacre Drain Ch20	-0.32
John Garfield Drain Ch20	-4.24
Robert A Reid Drain Ch20	2.17
Donohue Drain Ch20	0.37
Nancy Dingeldey Drain Ch20	-0.46
Jacobs Drain Ch20	-1.39
Jamian Drain Ch20	-1.06
Tribute Drain Ch20 Maint	-0.23
Six Points Drain Ch 20	-0.49
Pernick Drain Ch 20	1.65
Kutchey Drain Ch21	-8.85
Red Run Federal Drain Ch21	-36.87
Red Run Project 2 Drain Ch21	-12.33
Walker Relief Drain Ch21	9.86
Randolph St Drain Ch21	4.57
Clinton River Basin Drain Ch21	-2.06
McCoy Drain Ch21	-2.58
Red Run Warren Drain Ch21	1.65
Oakland Macomb InterceptorCh21	-2,321.02
Clinton River Spillway	0.20
Quail Ridge Drain	0.76
Dan Devine Debt	-0.16
Pontiac WWTF Drain Debt	-0.08
Pontiac WWTP Debt	-0.23
POC WWTF Taxable Debt	-172.89
Heron Drain Debt	-4.71
POC WWTF Phase I Debt	-0.11
King Drain Debt	-42.31
Clinton River WRRF Debt	-0.41
POC WWTF Phase II Debt	-0.26
G W Kuhn Drain Debt	-45.56
Franklin Sub-Watershed Debt Fn	-4.52
John Garfield Drain Debt	-0.32
Donohue Drain Debt	-0.30
Rummell Relief Bridge Debt	-0.31
Tribute Drain Debt Fund	-0.31
OMIDD Seg 1 Debt	-17.11
OMIDD Set 2 Debt	-1.91
OMIDD Seg 3 Debt	-4.35
OMIDD Seg 4 Debt	-4.02
Dan Devine Drain Const	0.01
Pontiac WWTF Drain Const	-2.30
Heron Drain Const	0.05

Oakland County Treasurer's Office

Summary of Accrued Interest by Fund

Report Date Range: November 01, 2019 - November 30, 2019

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Fund Description	Ending Accrual
Rewold Drain Phase II	0.92
Rowland Drain Const	0.52
Clinton River WRRF Drain	-115.42
Maplehurst Drain Const	5.51
Bloomfield Hls CSO Drain Const	3.15
Bloomfield Twp CSO Drain Const	-15.09
Kaczmar Drain Const	0.05
Franklin Sub-Watershed Const	5.47
POC WWTF 2014 Improve	-16.83
Hamlin Drain Erosion Repair	1.28
North Hayes Interceptor Const	-1.79
GWK SDS Improvement Projects	-153.20
Oakland Macomb Interceptor	-31.92
Oakland Macomb InterceptorSeg3	-6.43
Oakland Macomb InterceptorSeg4	-1,349.47
Rewold Drain Refunding	-0.40
Bloomfield Twp CSO Refunding	-7.23
G W Kuhn Drain Refunding	-1.33
Jacobs Drain Refunding	-0.21
Public Transportation Authrty	-5.24
Oak Co Zoological Authority	-3.18
Art Institute Authority	-16.95
Business Finance Corporation	-225.45
GRAND TOTALS:	-344,511.09

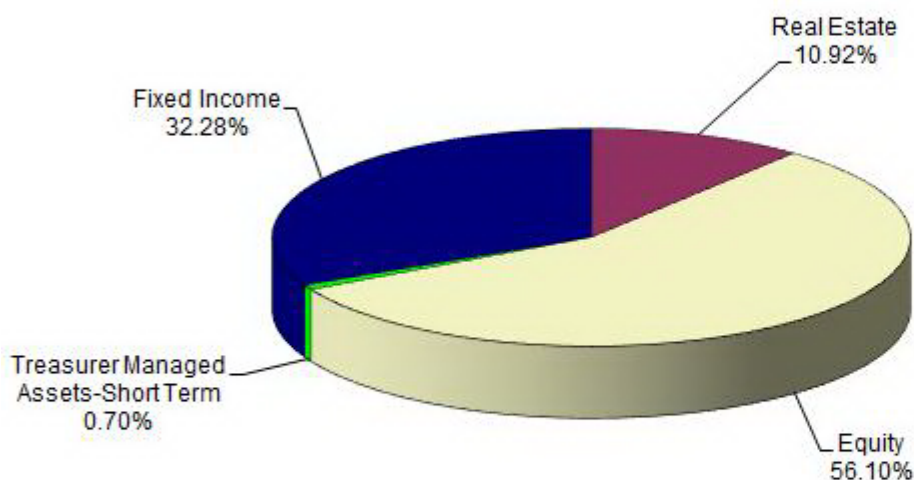
Oakland County
Retirement System

Oakland County Treasurer's Office
Summary of All Investment Balances by Type
 Report as of November 30, 2019

Page 1

Type	Current Original Cost
Retirement Equity & Fixed	1,837,157,421.35
Retirement Real Estate	226,934,798.52
Pool Portfolio	14,651,193.08
GRAND TOTALS:	<u>2,078,743,412.95</u>

County Of Oakland Employees'
Retirement System
Andrew E. Meisner, County Treasurer



Retirement Investments by Type



Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of November 30, 2019

Page 1

Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
73100	Employees' Retirement System			
	Retirement Equity & Fixed			
		ABS	44,819,933.54	
		CS McKee - Fixed	121,464,983.62	
		DUNE REAL ESTATE	437,610.00	
		Franklin Templeton - Fixed	36,228,670.33	
		Great Lakes Advisor	15,014,505.44	
		JPMorgan Chase	0.00	
		Lazard Asset Management	38,184,042.04	
		Lee Munder	25,885,668.38	
		Loomis Sayles - Fixed	74,427,753.80	
		Loomis Sayles Small Cap	23,136,528.48	
		Munder Capital Management	0.00	
		Northern Trust	5,534.02	
		PICTET International Equity Fu	49,765,321.59	
		RBC Global Asset Management (U	5,922.06	
		Reinhart Partners	15,330,263.59	
		SSGA Index Fund	75,534,854.42	
		Seizert Capital Partner, LLC	0.00	
		T. Rowe Price	73,698,623.87	
		Times Square Capital Managemen	14,466,539.04	
		Wedge Capital Management	14,383,038.42	
		Wells Capital Management	20,385,378.08	
		Totals for Retirement Equity & Fixed		643,175,170.72
	Retirement Real Estate			
		AEW PARTNERS RE VII	2,798,793.85	
		Alidade Capital Fund IV, LP	3,841,674.12	
		Churchill Middle Market	13,510,591.57	
		JPMorgan European Property Fun	1,080,341.54	
		Morgan Stanley Prime Fund	44,866,769.79	
		Prudential -Prissa II	19,295,145.02	
		ValStone	2,343,691.10	
		Walton Street Real Estate Fund	3,487,521.47	
		Totals for Retirement Real Estate		91,224,528.46
		Totals for Employees' Retirement System		734,399,699.18
73200	VEBA Trust			
	Retirement Equity & Fixed			
		ABS	55,833,246.63	
		CS McKee - Fixed	245,866,594.72	
		DUNE REAL ESTATE	875,219.00	
		Franklin Templeton - Fixed	76,620,874.24	
		Great Lakes Advisor	26,100,147.51	
		JPMorgan Chase	0.00	
		Lazard Asset Management	82,925,133.65	
		Lee Munder	48,899,815.23	
		Loomis Sayles - Fixed	111,492,844.67	
		Loomis Sayles Small Cap	56,815,593.56	
		Munder Capital Management	0.00	
		Northern Trust	-884,593.90	
		PICTET International Equity Fu	78,384,045.20	
		RBC Global Asset Management (U	11,099.66	
		Reinhart Partners	26,388,310.80	
		SSGA Index Fund	141,379,425.10	
		Seizert Capital Partner, LLC	0.00	
		T. Rowe Price	136,243,137.29	
		Times Square Capital Managemen	29,692,899.79	
		Wedge Capital Management	26,273,686.54	
		Wells Capital Management	35,964,669.69	
		Totals for Retirement Equity & Fixed		1,178,882,149.38



Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of November 30, 2019

Page 2

Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
	Retirement Real Estate			
		AEW PARTNERS RE VII	5,525,451.96	
		Alidade Capital Fund IV, LP	2,344,816.54	
		Churchill Middle Market	20,078,792.28	
		Macquarie European Infrastruct	4,061,216.44	
		Macquarie Infrastructure Partn	2,114,005.52	
		Morgan Stanley Prime Fund	64,798,904.45	
		Prudential -Prissa II	26,550,324.50	
		ValStone	3,266,671.09	
		Walton Street Real Estate Fund	6,970,087.28	
		Totals for Retirement Real Estate		135,710,270.06
		Totals for VEBA Trust		1,314,592,419.44
73310	Superseding Trust			
	Retirement Equity & Fixed			
		CS McKee - Fixed	5,750,532.03	
		JPMorgan Chase	0.00	
		SSGA Index Fund	9,349,569.22	
		Totals for Retirement Equity & Fixed		15,100,101.25
		Totals for Superseding Trust		15,100,101.25
GRAND TOTALS:				2,064,092,219.87



Oakland County Investment Pool
Fund 73100 - Employees Retirement System
Cash
November 30, 2019

Oakland County Treasury

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS73100	73100	Pooled Investments	10/01/2019	9,193,352.35	9,193,352.35	2.649	2.612	2.649
Subtotal and Average				9,193,352.35	9,193,352.35		2.613	2.649
Total Cash Average				9,193,352.35	9,193,352.35		2.613	2.649
Total Cash and Investments				9,193,352.35				

Fund 73200 - VEBA Trust
Cash
November 30, 2019

Page 2

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS73200	73200	Pooled Investments	10/01/2019	5,400,261.43	5,400,261.43	2.649	2.612	2.649
Subtotal and Average				5,400,261.43	5,400,261.43		2.613	2.649
Total Cash Average				5,400,261.43	5,400,261.43		2.613	2.649
Total Cash and Investments				5,400,261.43				

Fund 73310 - Superseding Trust
Cash
November 30, 2019

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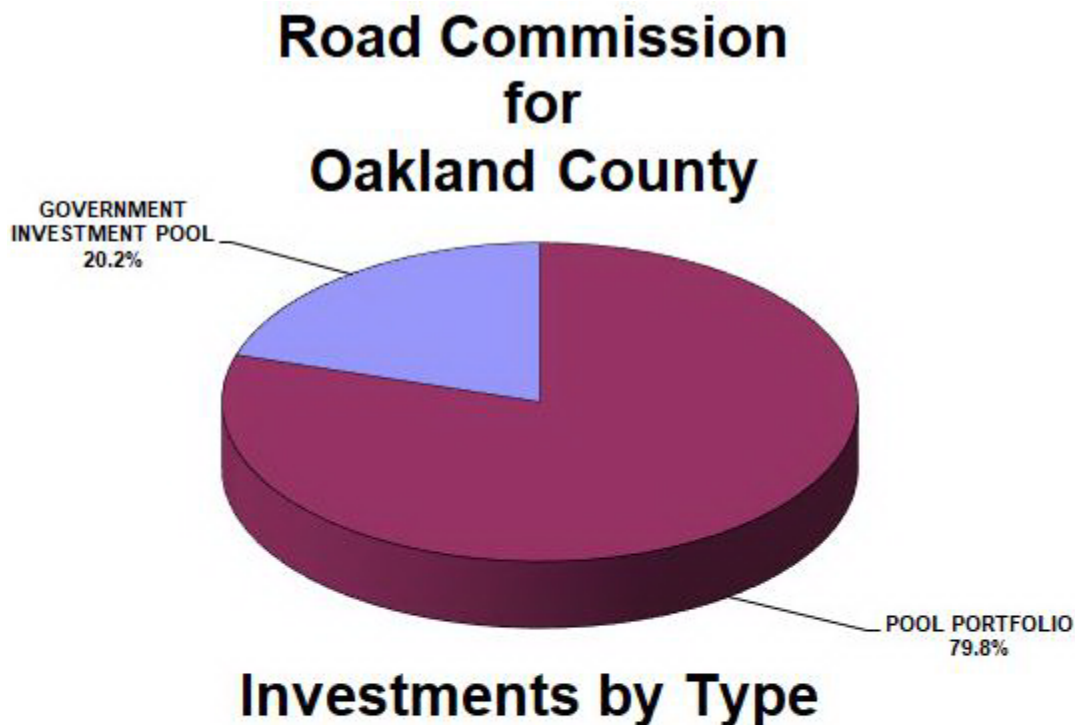
CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS	73310	Pooled Investments	10/01/2019	57,579.30	57,579.30	2.649	2.612	2.649
Subtotal and Average				57,579.30	57,579.30		2.613	2.649
Total Cash Average				57,579.30	57,579.30		2.613	2.649
Total Cash and Investments				57,579.30				

Road Commission
For
Oakland County

Oakland County Treasurer's Office
Summary of All Investment Balances by Type
 Report as of November 30, 2019

Page 1

Type	Current Original Cost
Governmental Investment Pool	14,118,845.78
Pool Portfolio	55,668,045.46
GRAND TOTALS:	<u>69,786,891.24</u>





Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of November 30, 2019

Page 1

Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
95210	Road Commission Fund Governmental Investment Pool			
		Flagstar Bank	4,548,770.63	
		Imprest Cash	2,800.00	
		Totals for Governmental Investment Pool		4,551,570.63
		Totals for Road Commission Fund		4,551,570.63
95211	Road Commission Special Assmnt Governmental Investment Pool			
		Federated Investors	9,270,389.87	
		Totals for Governmental Investment Pool		9,270,389.87
		Totals for Road Commission Special Assmnt		9,270,389.87
95293	Road Commission Escrow Governmental Investment Pool			
		Flagstar Bank	264,885.28	
		Totals for Governmental Investment Pool		264,885.28
		Totals for Road Commission Escrow		264,885.28
95295	Road Commission Risk Managemen Governmental Investment Pool			
		Flagstar Bank	32,000.00	
		Totals for Governmental Investment Pool		32,000.00
		Totals for Road Commission Risk Managemen		32,000.00
GRAND TOTALS:				<u><u>14,118,845.78</u></u>



Oakland County Investment Pool
Fund 77977 - LGIP RCOC Road Fund
Cash
November 30, 2019

Oakland County Treasury

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS77977	77977	Pooled Investments	10/01/2019	53,597,772.47	53,597,772.47	2.649	2.612	2.649
Subtotal and Average				53,597,772.47	53,597,772.47		2.613	2.649
Total Cash Average				53,597,772.47	53,597,772.47		2.613	2.649
Total Cash and Investments				53,597,772.47				

Fund 77978 - LGIP RCOC Road Escrow

Cash

November 30, 2019

Page 2

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS77978	77978	Pooled Investments	10/01/2019	965,870.79	965,870.79	2.649	2.612	2.649
Subtotal and Average				965,870.79	965,870.79		2.613	2.649
Total Cash Average				965,870.79	965,870.79		2.613	2.649
Total Cash and Investments				965,870.79				

Fund 77979 - LGIP RCOC Road Risk
Cash
November 30, 2019

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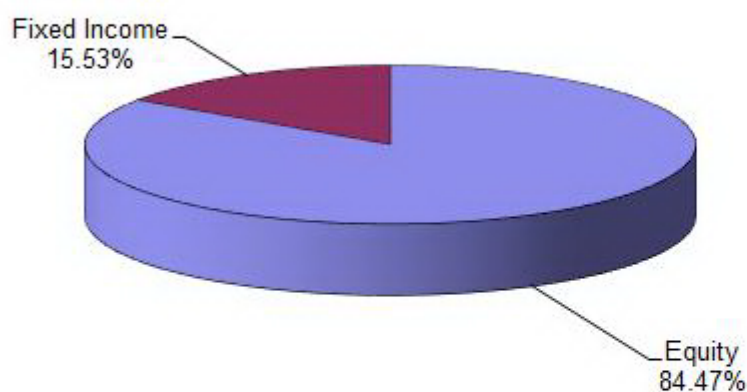
CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS77979	77979	Pooled Investments	10/01/2019	1,104,402.20	1,104,402.20	2.649	2.612	2.649
Subtotal and Average				1,104,402.20	1,104,402.20		2.613	2.649
Total Cash Average				1,104,402.20	1,104,402.20		2.613	2.649
Total Cash and Investments				1,104,402.20				

Oakland County Treasurer's Office
Summary of All Investment Balances by Type
 Report as of November 30, 2019

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Type	Current Original Cost
Retirement Equity & Fixed	242,988,176.05
GRAND TOTALS:	242,988,176.05

Road Commission Retirement



Retirement Investments by Type



Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of November 30, 2019

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Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
95234	Road Commission Retirement			
	Retirement Equity & Fixed			
		Comerica Bond Index Fund	0.00	
		Commingled Mutual Fund Acct	100,375,681.28	
		Cumberland Advisors Inc fixed	31,776,065.77	
		Harding Loevner LP Intl	14,765,536.42	
		LS Investment Advisors LLC	25,199,665.20	
		RE Principal Enhanced Proper	18,472,299.78	
		Receipt & Disburse Cash Acct	2,134,524.78	
		Rothschild Asset Management	12,639.82	
		Totals for Retirement Equity & Fixed		192,736,413.05
		Totals for Road Commission Retirement		192,736,413.05
95235	Road Commission Retiree Health			
	Retirement Equity & Fixed			
		American Realty	4,233,458.50	
		Cash Account	3,813,871.64	
		Commingled Mutual Fund Acct	27,788,479.17	
		Garcia Hamilton & Associates	11,106,858.80	
		Harding Loevner LP Intl	3,309,094.89	
		Totals for Retirement Equity & Fixed		50,251,763.00
		Totals for Road Commission Retiree Health		50,251,763.00
GRAND TOTALS:				242,988,176.05