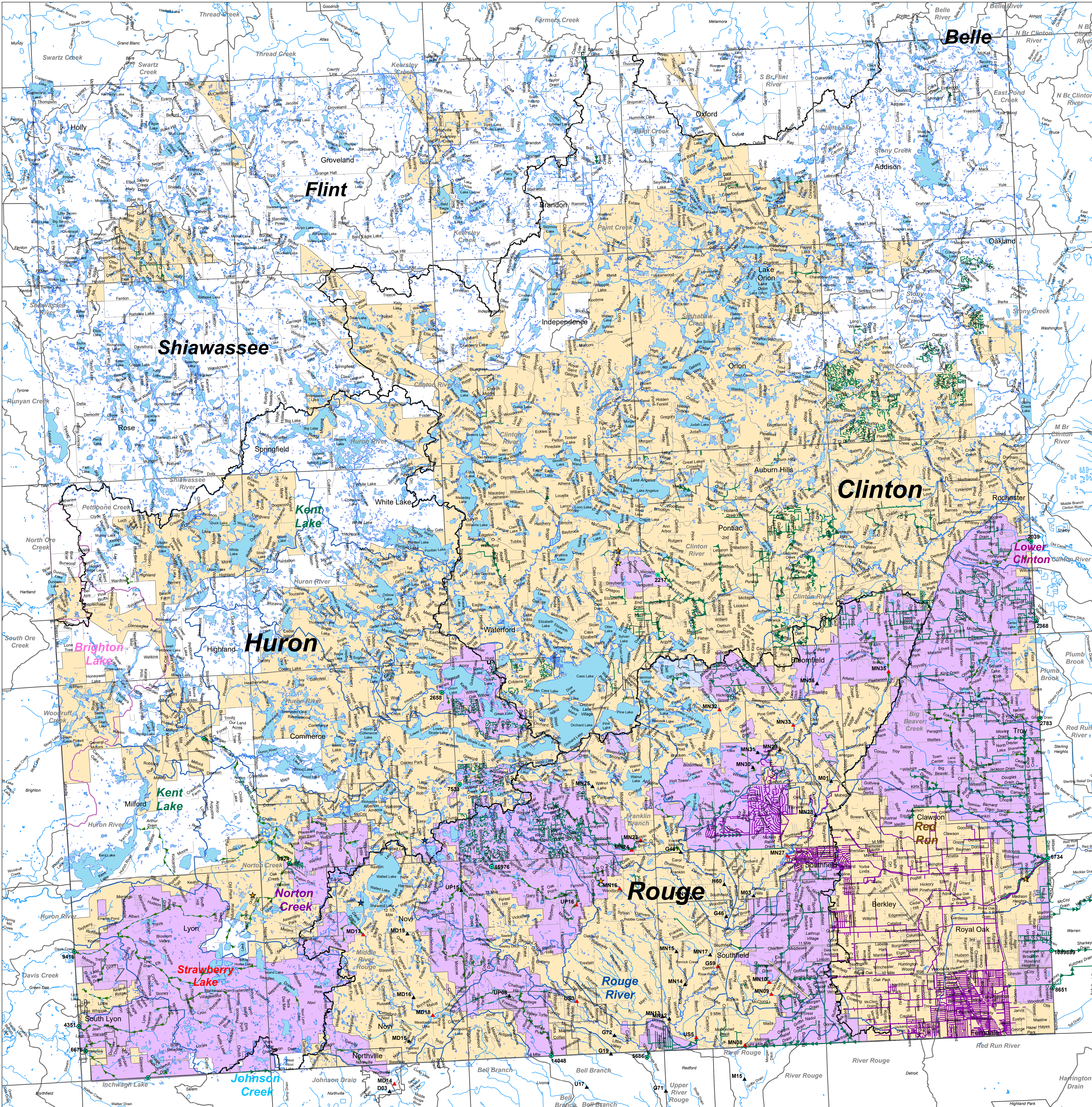




Oakland County TMDL Area Monitoring Locations

Legend

- Drain Sampling Locations
- ▲ Rouge ARC Sampling Sites
- ▲ ARC Data Being Utilized by WRC
- Monitoring Location Drainage Areas
- Enclosed County Drains
- Open County Drains
- Combined Drains

Facilities

- ★ OCFM
- ★ OCPRC
- ★ WRC
- Streams
- Roads
- Municipal Boundaries
- 2010 Urbanized Area

USEPA Approved TMDL Areas

- | Statewide- <i>E. coli</i> | Rouge River Watershed | Clinton River Watershed |
|-------------------------------|-------------------------------------|-------------------------------|
| Huron River Watershed | Rouge River- <i>E. coli</i> , Biota | Red Run - <i>E. coli</i> |
| Brighton Lake - Phosphorous | Johnson Creek- DO | Lower Clinton- <i>E. coli</i> |
| Strawberry Lake - Phosphorous | | |
| Kent Lake - Phosphorous | | |
| Norton Creek - DO, Sediment | | |



Attachement 1A
Proposed Monitoring Locations for County Drains within Oakland County TMDL Areas

TMDL Area	Subwatershed / Watercourse	County Drains Located Upstream of Sampling Point	County Drain Name(s) at Sampling Point	CVT Location	Sampling Point Type	Site ID (as shown on map)	Drainage Area (Acres)
Statewide (<i>E. coli</i>)	Clinton Main	County Complex East of Telegraph Rd/Mainland Drain	Mainland Drain	Pontiac	Outlet	2217	856
Lower Clinton River (<i>E. coli</i>)	Clinton River / Old Canal	Rewold Drain, Bishop Drain, Honeywell Drain	Rewold Drain	Shelby Twp.	Outlet	2039	197
Red Run / Bear Creek (<i>E. coli</i>)	Plum Brook Creek	Ireland Drain, Varner Relief Drain	Ireland / Varner Relief Drain	Rochester Hills	Outlet	2368	675
	Plum Brook Creek	Crake Drain, Robert Huber Drain, McIntyre Drain, Wolf Drain, Sue Ann Douglas Drain, Hampton Drain, Nelson Drain, Gibson Drain, Fetterly Drain, Elliott Drain, King Drain, Renshaw Drain, Ferry Drain, Olson Drain, Van Maele Drain	Nelson Drain	Sterling Heights	Outlet	2783	7205
	Red Run / Big Beaver Creek	Vogt Drain - Phase 1 & 2 Drains, Lanni Drain, Page Drain, Houghten Drain - Phase 1 & 2 Drains, Fredericks Drain - Phase 1 & 2 Drains, Douglas Drain, Hugh Dohany Drain, Sturgis Drain, Lane Drain, Gorsline Drain, McConnell Drain, Brotherton Drain, McCulloch Drain, Moxley Drain - Phase 1, 2 & 3 Drains, Shanahan Drain, Boyd Drain, Barnard Drain, Quinn Drain, Hawthorne Drain, Swan Drain, Mastin Drain, Richardson Drain, Wrey Drain, Roth Drain, Red Run Drain (Warren), Henry Graham Drain, GWK North, GWK South, Walker Relief Drain, Wilson Drain	Red Run*	Warren	Outlet	6734	15623
	Bear Creek	Kutchey Drain, Campbell Drain	Kutchey Drain*	Warren	Junction Chamber	8651	797
		McCoy Drain	McCoy Drain*	Madison Heights	Junction Chamber	9937	952
		Sharkey Drain, Kaczmar Drain, Dunleavy Drain, Herring Drain	Sharkey Drain*	Warren	Junction Chamber	1089889	1255
	Rouge Main / Rouge River	Eight Mile Drain, Northwestern Drain, O'Donoghue Drain, Southfield Rd Drain, Morgan Drain, Owens Relief Drain, Flannery Drain, Richardson Drain, Brennan, McClung Drain, Sherman Drain	Rouge River at 8 Mile	Southfield	ARC Instream Monitoring Location	MN 08	2131
	Rouge Main / Rouge River	Rummell Relief Drain, Evergreen Road Drain, Snyder Drain, Wagner Drain, Evans Drain	Evans Ditch	Southfield	ARC Instream Monitoring Location	MN 10	601
	Rouge Main / Rouge River	Stewart Relief Drain, Martha Washington Drain, Perinoff Drain, Duns Scotus Drain, Austin Drain, McKinley Drain	Tamarack Creek	Southfield	ARC Instream Monitoring Location	MN 09	230
	Rouge Main	Robert A. Reid Drain, Nichols Relief Drain, Korzon Drain, Luz Relief Drain	Rouge River at Riverside	Beverly Hills	ARC Instream Monitoring Location	MN 27	452
	Rouge Main	Wilcox Drain, Jilbert Drain, Gronkowski Drain	Rouge River at Civic Center	Southfield	ARC Instream Monitoring Location	G 59	135
	Upper Rouge	Emily Drain, Fracassi Drain	Rouge River at Beech	Southfield	ARC Instream Monitoring Location	US 5	266
	Rouge main	Claude H. Stevens Drain, Sprague Drain, Lueders Drain, Sprague Branch & Ext. Drain, Borden Drain, Chester Drain, Robert J Evans Drain, Levinson Relief Drain	Sprague Ditch	Troy	ARC Instream Monitoring Location	MN 35	893

TMDL Area	Subwatershed / Watercourse	County Drains Located Upstream of Sampling Point	County Drain Name(s) at Sampling Point	CVT Location	Sampling Point Type	Site ID (as shown on map)	Drainage Area (Acres)
Rouge River (<i>E. coli</i> and TSS)	Rouge Main	Case Drain, Daly Drain		Bloomfield Twp.	ARC Instream Monitoring Location	MN 32	777
	Rouge Main	Hamlin Drain, Amy Drain, Earlmoor Drain, Hayward Drain, Murphy Drain, Law Drain, Devonshire Drain, Lynn D. Allen Drain, Bloomfield Highlands Drain	Rouge River at Long Lake	Bloomfield Twp.	ARC Instream Monitoring Location	MN 33	116
	Rouge Main / Franklin Branch	Franklin Branch Subwatershed Drain, Edwards Relief Drain, Ward Drain, McIntosh Drain, DeConick Drain, Mullen Drain, Kemp Drain, West Bloomfield Chapter 18 Drains (See Attachment 1B)	Franklin Branch	West Bloomfield Twp.	ARC Instream Monitoring Location	MN 24	2089
	Rouge Main / Franklin Branch	Franklin Subwatershed Drain, Powers Drain, Blue Heron Drain, West Bloomfield Chapter 18 Drains (See Attachment 1B)	Franlin Subwatershed Drain	West Bloomfield Twp.	ARC Instream Monitoring Location	MN 23	68
	Upper Rouge / Pebble Creek	Jacobs Drain, Jamian Drain, Dorothy Webb Drain, Pebble Creek Drain, West Bloomfield Chapter 18 Drains (See Attachment 1B)	Jacobs Drain	West Bloomfield Twp.	ARC Instream Monitoring Location	MN 16	2451
	Upper Rouge River	Minnow Pond Drain	Minnow Pond Drain	Farmington Hills	ARC Instream Monitoring Location	UP 16	6329
	Upper Rouge River	West Bloomfield Chapter 18 Drains (See Attachment 1B)	Minnow Pond Drain	Farmington Hills	Inlet	19676	231
	Upper Rouge / Upper Rouge River	Clarenceville Drain, Clarenceville Extension Drain, Oxford Avenue Drain, Pearl Street Drain, Hazel Drain, Tulane Drain	Clarenceville Drain	Livonia	Outlet	5658	423
	Upper Rouge	Seeley Drain, US-16 Drain	Rouge River at Valley View	Farmington	ARC Instream Monitoring Location	US 3	2500
	Upper Rouge	Caddell Drain	Caddell Drain at 8 mile	Farmington Hills	Outlet	14048	2982
	Middle Rouge	Davis Drain, Leon Drain	Walled Lake Branch	Novi	ARC Instream Monitoring Location	MD 17	785
	Middle Rouge	Townline Drain, Courter Drain, Francis Drain	Courter Ditch	Novi	ARC Instream Monitoring Location	MD 18	2107
	Middle Rouge	Randolph Street Drain	Rouge in Northville	Northville	ARC Instream Monitoring Location	MD 14	923
	Johnson Creek	Sump Drain	Johnson Creek	Northville	ARC Instream Monitoring Location	MD 12	552
Kent Lake (Phosphorous)	Kent Lake / Hayes Creek	Hayes Drain, Maynard Drain, West Bloomfield Chapter 18 Drains (See Attachment 1B)	Hayes Creek	Commerce Twp.	Outlet	2658	2924
	Huron River	Montante Relief Drain, Donohue Drain, West Bloomfield Chapter 18 Drains (See Attachment 1B)	Montante Relief Drain	West Bloomfield Twp.	Outlet	7533	786
Kent Lake / Norton Creek (Phosphorous, TSS, DO)	Norton Creek	Wixom Drain, Tribute Drain, Norton Drain, Taylor Ladd Drain, Sibley, Patton Drain	Tribute Drain	Wixom	Outlet	9524	2926
	Norton Creek	Norton Drain, Holden Drain, Wessinger Drain	Norton Creek	Milford Twp.	Outlet	2873	9593
Strawberry Lake (Phosphorous)	Davis Creek	Novi & Lyon Drain, Lyon No. 1 Drain, New Hudson No. 1 Drain, Six Points Drain, Blackwood Drain, Sinclair Drain	Novi Lyon Drain	Green Oak Twp.	Outlet	9416	15469
	Inchwagh Lake	Yerkes Drain	Yerkes Drain	Livingston County	Outlet	4351	2482
	Inchwagh Lake	Sayre Drain, Underhill Drain	Sayre Drain	Lyon Twp.	Outlet	6676	1571