

ROUGE RIVER COLLABORATIVE ILLICIT DISCHARGE ELIMINATION PLAN 2017 PROGRESS REPORT



Prepared by:

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March 7, 2018

A. Purpose

This report summarizes the activities undertaken to implement the Rouge River Collaborative Illicit Discharge Elimination Program (IDEP) plan which was approved by the Michigan Department of Environmental Quality in September 2017. The report includes activities implemented by or on behalf of the Alliance of Rouge Communities (ARC) from September 2017 through December 2017. The permittees participating in the Plan through December 2017 are listed below.

Participating Permittees

Beverly Hills, Village of	Northville, City of
Bingham Farms, Village of	Northville Township
Birmingham, City of	Novi, City of
Bloomfield Hills, City of	Oak Park, City of
Bloomfield Township	Plymouth, City of
Canton Township	Plymouth Township
Dearborn Heights, City of	Redford Township
Farmington, City of	Southfield, City of
Farmington Hills, City of	Troy, City of
Franklin, Village of	Walled Lake, City of
Garden City, City of	Wayne, City of
Inkster, City of	Westland, City of
Lathrup Village, City of	West Bloomfield Township
Livonia, City of	
Melvindale, City of	Henry Ford College
Oakland County*	Wayne County*

**Participating in this Plan, but their commitments are outlined in their individual stormwater management plan which is pending MDEQ approval.*

This report should be used as an attachment to each participating permittee's progress report.

B. Action Strategy Status

The status of each action strategy includes a description of each activity, progress made during the reporting period and status of each metric. Because of the truncated reporting period (3 months), little or no progress was made for some of the activities. Despite this, all Plan activities are included for completeness.

IDEP #1: Mapping of Storm Sewer Systems

Description: The permittees will have their storm sewer maps available which include the location of outfalls, enclosed and open storm drains, roads and waters of the state. In addition, the ARC will develop a GIS database of the storm sewer system maps by July 30, 2020. For Wayne and Oakland counties, this requirement will be dealt with under their individual stormwater management plans.

Goal:

- 100% of outfalls mapped in GIS
- 100% of storm sewers mapped in GIS

Progress: Several communities provided the ARC with storm sewer GIS data as shown in Table 1.

Table 1 – Individual Permittee Storm Sewer System Map and Schedule for GIS

Permittee	Physical Location of Storm Sewer Maps	Outfalls in GIS	Storm Sewer in GIS
Municipalities			
Beverly Hills	Oakland County WRC	Yes	
Bingham Farms	Oakland County WRC	Yes	
Birmingham	Oakland County WRC	Yes	
Bloomfield Hills	Department of Public Works	Yes	
Bloomfield Twp.	Dave Payne Public Services Building	Yes	
Canton Twp.	Department of Public Works	Yes	
Dearborn Heights	Department of Public Works		
Farmington	Department of Public Works	Yes	
Farmington Hills	Engineering Department	Yes	
Franklin	Oakland County WRC	Yes	
Garden City	Department of Public Works	Yes	
Inkster	Department of Public Works	Yes	
Lathrup Village	Oakland County WRC	Yes	
Livonia	Department of Public Works		
Melvindale	Department of Public Works	Yes	
Northville	Department of Public Works		
Northville Twp.	Department of Public Works	Yes	
Novi	Department of Public Works	Yes	
Oak Park	Department of Public Works	Yes	
Plymouth	Department of Public Works		
Plymouth Twp.	Department of Public Works	Yes	
Redford Twp.	Department of Public Works	Yes	
Southfield	Department of Public Works	Yes	
Troy	Department of Public Works	Yes	
Walled Lake	Department of Public Works		
Wayne	Department of Public Works	Yes	
West Bloomfield Twp.	Department of Development Services		
Westland	Department of Public Works		
Schools			
Henry Ford College	HFC Facilities Building	Yes	

Status:

Metric	Status
Portion of watershed (area) where known outfalls are mapped in GIS	73% (based on permittee land area)
Portion of watershed with storm sewers in GIS	0%

IDEP #2: Outfall Prioritization and Dry Weather Screening

Description: The ARC will identify by March 30, 2018 and screen priority outfalls by December 30, 2018 in each city or village. The ARC will determine outfalls with suspicious discharges within 30 days of completion of screening of all outfalls in a municipality. Cities/Townships/Villages will perform dry weather screening of new outfalls within 6 months of construction, taking ownership or discovery. For Wayne and Oakland counties, this requirement will be dealt with under their individual stormwater management plans.

Goal: Screen 100% of priority outfalls

Progress: ARC began the process of collecting data to identify priority outfalls. This included calculation of the dry weather E. coli geometric mean for samples collected in 2017, requesting outfalls in GIS format, discerning outfalls from discharge points, and identifying recreation areas.

Status:

Metric	Status
Number priority outfalls identified	TBD
Number of priority outfalls screened and sampled	TBD
Number of suspicious discharges identified (based on outfall screening results)	TBD

IDEP #3: Advanced Investigations

Description: The goal of this activity is to locate and oversee the correction of source(s) of suspected illicit discharge(s) in the initial priority areas and upstream of the priority outfalls. The initial priority areas will be investigated until December 30, 2018 and the priority outfalls will be investigated through the end of the permit cycle.

Goals:

- Follow the advanced investigation protocol for initial priority areas and priority outfalls.
- 100% of illicit connections/discharges resolved or a plan in place for elimination.

Progress: In 2017, Wayne County Department of Public Services (WCDPS) and Oakland County Water Resource Commissioners Office (OCWRC) continued to investigate the initial priority areas. Three new illicit connections were found in Wayne County and none were found in Oakland County. In addition, three previously discovered illicit connections in Oakland County were corrected. Additional details can be found in the final reports prepared by each county which can be found on the ARC's website.

Status:

- Portion (square miles/acres) of priority outfall drainage areas in Categories A and B and portion investigated.
 - TBD during next reporting period.
- Number and type of illicit connections/discharges identified and resolved (See Table 2).

Table 2 – Number and Type of Illicit Discharges (IDs) Discovered and Resolved

	A	B	C	A+B-C
County	No. of Known IDs at beginning of Reporting Period	No. IDs <u>Discovered</u> During Reporting Period	No. of IDs <u>Resolved</u> During Reporting Period	No. of Known IDs at the end of Reporting Period
Sanitary Sewage from Illicit Connections from Residences				
Oakland	3	0	3	0
Wayne	0	3	0	3
Sanitary Sewage from Failed Residential Septic Systems				
Oakland	2	0	2	0
Wayne	0	0	0	0
Total	5	3	5	3

IDEP #4: Staff Training

Description: The permittees will have at least one person who is competent at the IDEP Investigator Level. Permittees will have 50% of their field staff trained at the Alert Observer Level by March 31, 2021. In addition, permittees will remind staff of *E. coli* problems in Priority Areas and encourage reporting, annually.

Goals:

- 1 person per MS4 trained at Investigator Level.
- 50% of field staff trained at the Alert Observer Level.

Progress: In 2017, the IDEP Investigator Training was taken by 20 staff representing 9 permittees (See Attachment A). The number of staff already trained will be determined in the next reporting cycle.

Status:

- Number of staff trained at various competencies.
 - TBD during next reporting cycle

IDEP #5: Pollution Complaint Response

Description: Permittees will have a method for recording and tracking pollution complaints from staff and the public. Permittees will follow-up on the complaints. The ARC will maintain a list of community contacts who are responsible for complaint response.

Goal: 100% of complaints addressed

Progress: Will be tracked during the next reporting period.

Status:

Metric	Status
Number of complaints received and referred or investigated	TBD
Number of issues identified	TBD
Number of issues resolved	TBD

IDEP #6: Inspection of ARC Member-Owned Facilities

Description: Dye-test permittee owned or operated facilities (within the watershed) To ensure they are properly draining to the sanitary sewer.

Goals:

- 100% of ARC Member existing facilities dye tested.
- 100% of issues addressed.

Progress: No additional facilities were dye-tested during the reporting period.

Status:

Permittee (listed alphabetically)	Status	No. of Facilities Tested	Issues Identified	Issues Corrected
Municipalities				
Beverly Hills				
Bingham Farms	NA-1			
Birmingham (golf courses only)				
Bloomfield Hills				
Bloomfield Twp.	Completed			
Canton Twp.	Completed			
Dearborn Heights	Completed			
Farmington	Completed			
Farmington Hills	Completed			
Franklin	Completed			
Garden City	Completed			
Inkster	Completed			
Lathrup Village				
Livonia	Completed			
Melvindale	Completed			
Northville	Completed			
Northville Twp.	Completed			
Novi				
Oak Park	NA-2			
Plymouth	Completed			
Plymouth Twp.	Completed			
Redford Twp.	Completed			
Southfield	Completed			
Troy	NA-2			
Walled Lake				
Wayne	Completed			
West Bloomfield Twp.				
Westland	Completed			
Counties				
Wayne County	Completed			
Schools				
Henry Ford College	Completed			

NA-1=Not applicable because there are no municipal facilities.

NA-2=Not applicable because municipal facilities are not located in the watershed.

Not Tracked. Completed prior to Plan approval.

IDEP #7: IDEP Work Group

Description: Permittees will meet twice a year to discuss IDEP-related topics including the annual advanced investigations work plan, progress of advanced investigations, lessons learned, any road blocks encounter with implementing the plan, and recommendations for improving the plan.

Goals:

- Hold at least 2 work group meetings per year.
- 80% member participation.
- 2 meeting summaries per year.

Progress: No meetings were held during the reporting period.

Status:

Metric	Status
Number of meetings per year	0
Number of meeting summaries	NA
Number of members in attendance at meetings	NA

Appendix A.
IDEP Training Sign-In Sheet

IDEP TRAINING WORKSHOP



ARC Members

NO.	NAME	Affiliation	PHONE	EMAIL	Address
01	Allen, Ashley	Hubbell, Roth & Clark, Inc.	248-454-6300	galen@hrcengr.com	555 Hulet Dr Bloomfield Hills MI 48303
02	Allen, Danielle	Charter Township of Shelby	(586) 731-5990	ALLENDA@SHELBYTWP.GOV	6333 23 MILE RD Shelby Twp MI 48316
03	Apley, Carol	City of Eastpointe	586 615-3830	carpley@eastpointecity.org	17750 Ten Mile Eastpointe MI 48021
04	Barnes, Bob	City of Livonia	(734) 466-2705	rbarnes@clivonia.mi.us	12973 Farmington Rd Livonia MI 48150
05	Bartel, Kevin	Redford Township	313-387-2641	kbarter@redfordtwp.com	12200 Beech Daly Redford MI 48239
06	Bednar Jeff	Macomb County Public Works Office	(586) 746 9118	jill.bednar@macombgov.org	21777 Dunham Rd Clinton Twp MI 48036
07	Campbell, Scott	City of Farmington Hills	248-302-4658	scampbell@fhgov.com	31555 West Eleven Mile Farmington Hills MI 48336
08	Corney, Gerald	City of Romulus	734-955-8754	gscorney@romulusgov.com	12600 Wayne Road Romulus MI 48174
09	Carpenter, Jennifer	KER Engineering/Commerce	(248) 330 6004	jcarpenter@commercialwp.com	380 coyote run Holly MI 48442
10	Collins, Rebecca	Hubbell, Roth & Clark, Inc.	248-454-6300	rcollins@hrcengr.com	555 Hulet Dr Bloomfield Hills MI 48303
11	Cross, Ron	City of Roseville	586 344 9529	rcross@roseville.mi.gov	29411 Calahan Roseville MI 48066
12	DeCausin, Joe	Macomb County Health Department	586) 469 5236	joe.decausin@macombgov.org	4525 Elizabeth Road, Mount Clemens, MI 48043
13	Diesing, Eric	Clinton River Watershed Council	248 601 0606	eric@crwc.org	1115 W. Avon Rd. Rochester Hills MI 48309
14	Dionne, Gerald	Grosse Ile Township	734 676 4422	gionne@grosselle.com	9601 Groh Grosse Ile MI 48138
15	Einheuser, Matt	Clinton River Watershed Council	248 601 0606	matt@crwc.org	1115 W. Avon Rd. Rochester Hills MI 48309
16	Gioia, Ryan	Oakland University	(248) 370-4383	rgioia@oakland.edu	411 pioneer dr Rochester MI 48309
17	Ginski, Paul	Huron Charter Township DPW	734-753-9376	phinson@hurontownship-mi.gov	22950 Huron River Drive New Boston MI 48164
18	Harden, Yvette	VA Ann Arbor Healthcare System	(734) 845-3803	Yvette.Harden@va.gov	2215 Fuller Road (001G) Ann Arbor MI 48105
19	Hendricks, Mark	Bloomfield Township	248-594-2806	mhendricks@bloomfieldtwp.org	4200 Telegraph P.O. Box 489 Bloomfield Township MI 48303 0489
20	Hinojosa, Jeff	Huron Charter Township DPW	734-753-9673	JHINOJOSA@HURONTOWNSHIP-MI.GOV	22950 Huron River Drive New Boston MI 48164
21	Hoffman, Edwin	City of Livonia	(734) 466-2627	ehoffman@clivonia.mi.us	12973 Farmington Rd Livonia MI 48150
22	Jablway, Drew	City of Eastpointe	586 615-3830	djablway@eastpointecity.org	17750 Ten Mile Eastpointe MI 48021
23	Jacobs, Bob	Ira Township	(586) 725-7231	bjacobs@iratwp.org	7085 Meldrum Fair Haven MI 48023
24	Jarvi, Eric	Ira Township	(586) 725-7231	erjarvi@iratwp.org	7085 Meldrum Fair Haven MI 48023
25	Kniffen, Robert	Redford Township	313-387-2641	rkniffen@redfordtwp.com	12200 Beech Daly Redford MI 48239
26	Koester, David	Port Huron Schools Facilities	810 300-1711	dkoester@phschools.us	4035 Dove Rd Port Huron MI 48060
27	Lane Abby	Clinton River Watershed Council	248-601-0606	ablane@crwc.org	1115 W. Avon Rd. Rochester Hills MI 48309
28	LaPeer, Allen	Village of Romeo	586-752-9321	allan@villageofromeo.com	121 W. St. Clair Romeo MI 48065
29	Laffredi, Nick	City of Eastpointe	586 615-3830	ncarlaffredi@eastpointecity.org	17750 Ten Mile Eastpointe MI 48021
30	Low, John	City of Rochester	586-536-7384	jlow@rochester.com	400 Sixth Street, Rochester MI 48307
31	Maas, Tom	City of Roseville	586-914-4576	tom@villageofroseville.mi.gov	29411 Calahan Roseville MI 48066
32	Marx, George	Grosse Ile Township	734 676 4422	GMarx@grosselle.com	9601 Groh Grosse Ile MI 48138
33	Mathews, Barb	Macomb County Public Works Office	586-466-4016	barbara.mathews@macombtwp.org	21777 Dunham Rd Clinton Twp MI 48036
34	Mayhew, Greg	City of Taylor	734-374-1473	gmayhew@cityoftaylor.mi.us	25605 Northline Road Taylor MI 48180
35	Miller, Dave	Charter Township of Shelby DPW	(586) 731-5990	dmler@shelbytwp.org	6333 23 MILE RD Shelby Twp MI 48316
36	Marlon, Shaun	Redford Township	313-387-2641	smarlon@redfordtwp.com	12200 Beech Daly Redford MI 48239
37	Nastasy, Frank	Charter Township of Shelby DPW	(586) 731-5990	fnastasy@shelbytwp.org	6333 23 MILE RD Shelby Twp MI 48316
38	Oswald, Sean	City of Farmington Hills DPW	248 871-2850	oswald@fhgov.com	27245 Halted Farmington Hills MI 48331
39	Paolucci, Darin	City of Eastpointe	586 615 3830	dpaolucci@eastpointecity.org	17750 Ten Mile Eastpointe MI 48021
40	Parish, Pete	City of Farmington Hills DPW	248 871-2850	pparish@fhgov.com	27245 Halted Farmington Hills MI 48331
41	Perry, Austin	City of Rochester	586-604-2602	aperry10@vnlhoo.com	400 Sixth Street, Rochester MI 48307
42	Plank, Craig	City of Romulus	734-955-8754	cplank@romulusgov.com	12600 Wayne Road Romulus MI 48174
43	Puranen, Dave	Macomb Intermediate School District	586-228-3347	dipuranen@msd1.net	44001 Garfield Clinton Twp MI 48038
44	Richert, Jeremy	Village of Lake Orion	248-520-7597	Richert@lakeorion.org	21 E. Church St. Lake Orion MI 48362
45	Rochon, Karen	Algonac Community Schools	810-794-9366	krochon@eck12.us	5200 Tall Rd Algonac MI 48001
46	Saif, Samed	Ti-County Engineering / City of Orchard Lake	810-394-7887	ssaif@ti-countyeng.com	48701 Hayes Road Shelby Township MI 48315
47	Schulte, Brian	City of Roseville	586 909 0396	bschulte@roseville.mi.gov	29411 Calahan Roseville MI 48066
48	Shaddock, Rob	Charter Township of Shelby DPW	(586) 731-5990	rshaddock@shelbytwp.org	6333 23 MILE RD Shelby Twp MI 48316
49	Siegel, Kim	Road Commission for Oakland County	248-982-3739	ksiegel@ccc.org	31001 Lasher Road, Beverly Hills, MI 48025
50	Smith, Chris	City of Livonia	(734) 466-2705	clalson@clivonia.mi.us	12973 Farmington Rd Livonia MI 48150
51	Smith, Devin	Redford Township	313 387-2641	dbsmith@redfordtwp.com	12200 Beech Daly Redford MI 48239
52	Smith, Shun	Huron Valley Schools	810-964-2597	shunsmith@gmail.com	2390 S. Millard Rd. Highland MI 48357
53	Sucharski, Lara	Macomb County Public Works	586-307-8271	lara.sucharski@macombgov.org	21777 Dunham Rd Clinton Twp MI 48036
54	Theobald, Brian	City of Eastpointe	586 615 3830	btheobald@eastpointecity.org	17750 Ten Mile Eastpointe MI 48021
55	Untwarth, Justin	City of Livonia	(734) 466-2705	juntwarth@clivonia.mi.us	12973 Farmington Rd Livonia MI 48150
56	Verellen, Mitch	Charter Township of Clinton		mberlin@clintontownship.mi.gov	Clinton Twp
57	Walls, Kyle	Redford Township	313 387-2641	kwall@redfordtwp.com	12200 Beech Daly Redford MI 48239
58	Webb, Jerry	Wayne County - Land Resource Management	734-326-3936	jwebb@waynecounty.com	3606 Commerce Ct., Bldg E, Wayne, MI 48184
59	Wenzel, Arthur	Village of South Rockwood		arthur@villageofsouthrockwoodmi.com	P.O. Box 85 South Rockwood MI 48179
60	Wenzel, Franklin	Village of South Rockwood		fwenzel@villageofsouthrockwoodmi.com	P.O. Box 85 South Rockwood MI 48179
61	Whitten, Tim	City of Walled Lake	248 624-4847	twhitten@walledlake.com	1499 E West Maple Rd City of Walled Lake MI 48390
62	Wieler, Jeff	City of Livonia	(734) 466-2705	jwieler@clivonia.mi.us	12973 Farmington Rd Livonia MI 48150
63	Wizniuk, Claudette	Macomb County Public Works Office	586 307-8269	cwizniuk@macombgov.org	21777 Dunham Rd Clinton Twp MI 48036
64	Wolgst, Shaun	City of Eastpointe	586 615-3830	swolgst@eastpointecity.org	17750 Ten Mile Eastpointe MI 48021
65	Woolston, John	Farmington Public Schools	248-533-7312	john.woolston@farmington.k12.mi.us	29350 W 10 Mile Road Farmington Hills MI 48366