

2019

Annual Report for the Alliance of Rouge Communities

**Friends
of
the ROUGE**

Friends of the Rouge

January 1, 2019 through

December 31, 2019

**FRIENDS OF THE ROUGE
ANNUAL REPORT 2019
(January 1, 2019 through December 31, 2019)
For the
ALLIANCE OF ROUGE COMMUNITIES**

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EDUCATION
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Schools - Spring Monitoring 2019				
Community	School	# Teachers	# Students	Monitoring Location
Beverly Hills	Detroit Country Day Middle School	6	360	School grounds
Canton	Crescent Academy International	2	44	Lower Rouge Recreational Trail, Canton
Canton	Plymouth High School	1	70	School grounds
Dearborn	Fordson High School	2	30	Ford Field Park, Dearborn
Dearborn	O.L. Smith Middle School	2	15	Ford Field Park, Dearborn
Dearborn Heights	Crestwood High School	1	15	Parr Recreation Area, Wayne Co Parks/Hines Dr, Dearborn Heights
Detroit	Clippert Multicultural Honors Academy	1	30	Bell Creek Park, Redford
Farmington Hills	Farmington STEAM Academy	8	224	School grounds
Farmington Hills	Steppingstone School	2	5	Shiawassee Park, Farmington Hills
Garden City	Garden City High School	4	40	Inkster Wetlands, Inkster
Hamtramck	Hamtramck High School	3	30	Commerce Ct, Wayne
Harper Woods	Chandler Park Academy High School	2	12	Heritage Park, Farmington Hills
Lincoln Park	Lincoln Park High School	2	10	Ford Field Park, Dearborn
Salem	Salem Elementary School	2	56	School grounds
Troy	Troy College & Career High School	1	17	Firefighter's Park, Troy
Troy	Troy High School	1	68	Coolidge / Long Lake Rds (detention pond), Troy
Warren	Lincoln Senior High School	1	30	Helm's Haven, Wayne Co Parks/Hines Dr, Dearborn Heights
Westland	Huron Valley Lutheran High School	1	24	Nankin Mill, Wayne Co Parks/Hines Dr, Westland
Wyandotte	Roosevelt High School	3	50	Plymouth Township (McClumpha) Park, Plymouth Township
TOTALS		45	1130	

Schools - Fall Monitoring 2019				
Community	School	# Teachers	# Students	Monitoring Location
Allen Park	Inter-City Baptist High School	1	25	Ford Field Park, Dearborn / Goudy Park, Wayne
Beverly Hills	Detroit Country Day Middle School	7	420	School grounds
Bloomfield Hills	Birmingham Covington School	8	215	Linden Park, Birmingham
Dearborn Heights	Crestwood High School	1	150	Parr Recreation Area, Wayne Co Parks/Hines Dr, Dearborn Heights
Dearborn Heights	Tawheed Center School	2	25	Parkland Park, Dearborn Heights
Detroit	Academy of the Americas High School	1	79	Scout Hollow, Rouge Park, Detroit
Detroit	Clippert Multicultural Honors Academy	1	35	Bell Creek Park, Redford
Farmington Hills	Farmington STEAM Academy	9	240	School grounds
Harper Woods	Chandler Park Academy High School	2	5	Heritage Park, Farmington Hills
Lincoln Park	Lincoln Park High School	1	45	Ford Field Park, Dearborn
Novi	Novi Meadows Elementary School	2	50	Orchard Hills West Park, Novi
Plymouth	Steppingstone School	2	6	Riverside Park, Wayne Co Parks/Hines Dr, Plymouth
Troy	Troy College & Career High School	1	15	Firefighter's Park, Troy
Troy	Troy High School	1	111	Coolidge / Long Lake Rds, Troy
Warren	Lincoln Senior High School	1	30	Helm's Haven Park, Wayne Co Parks/Hines Dr, Dearborn Heights
Westland	Huron Valley Lutheran High School	1	20	Nankin Mill, Wayne Co Parks/Hines Dr, Westland
Wyandotte	Roosevelt High School	3	30	Plymouth Township/McClumpha Park, Plymouth Township
TOTALS		44	1501	

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EDUCATION
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Workshop - Advanced Chemical Training			
March 9, 2019 - 9:00AM-2:30PM Detroit Country Day Middle School, Beverly Hills			
Community	Affiliation	# Teachers	# Volunteers
Canton	Crescent Academy International	1	
Canton	Grand Valley State University		1
Dearborn	Fordson High School	1	
Dearborn	O.L. Smith Middle School	1	
Dearborn	Communities in Schools	1	
Farmington Hills	Farmington STEAM Academy	4	
Garden City	Garden City High School	1	
Pontiac	Oakland University		1
Riverview	University of Michigan-Dearborn		1
Royal Oak	Wayne State University		1
Troy	Troy College & Career High School	1	
West Bloomfield	Oakland University		1
TOTALS		10	5

Workshop - Bug Identification & Sampling Techniques			
April 6, 2019 - 9:00AM - 2:30PM FOTR Office / Plymouth Township (McClumpha) Park, Plymouth			
Community	Affiliation	# Teachers	# Volunteers
Canton	Grand Valley State University		1
Farmington Hills	Farmington STEAM Academy	2	1
Grosse Pointe	Wayne State University		1
Oxford	Oakland University		1
West Bloomfield	Oakland University		1
TOTALS		2	5

Workshop - Bug Identification & Sampling Techniques			
April 20, 2019 - 9:00AM - 2:30PM FOTR Office / Plymouth Township (McClumpha) Park, Plymouth			
Community	Affiliation	# Teachers	# Volunteers
Dearborn	University of Michigan-Dearborn		1
Dearborn	Fordson High School	1	
Farmington Hills	Farmington STEAM Academy	1	
Garden City	University of Michigan-Dearborn		1
Novi	Oakland University		1
TOTALS		2	3

Workshop - Returning Teacher Refresher: Mock Monitoring Day		
June 19, 2019 - 9:00AM - 2:00PM Plymouth Township (McClumpha) Park / FOTR Office, Plymouth		
Community	Affiliation	# Teachers
Beverly Hills	Detroit Country Day Middle School	1
Harper Woods	Chandler Park Academy High School	1
Lincoln Park	Lincoln Park High School	1
Warren	Lincoln Senior High School	1
Westland	Huron Valley Lutheran High School	1
TOTALS		5

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Workshop - Returning Teacher Refresher: How to Engage Students in Community Action			
June 21, 2019 - 9:00AM - 2:00PM FOTR Office, Plymouth			
Community	Affiliation	# Teachers	# Volunteers
Beverly Hills	Detroit Country Day Middle School	1	
Detroit	U.S. Forest Service		1
Lincoln Park	Lincoln Park High School	1	
Westland	Huron Valley Lutheran High School	1	
TOTALS		3	1

Workshop - Returning Teacher Refresher: Reflection & Planning Time		
June 24, 2019 - 9:00AM - 2:00PM FOTR Office, Plymouth		
Community	Affiliation	# Teachers
Warren	Lincoln Senior High School	1
Westland	Huron Valley Lutheran High School	1
TOTALS		2

Workshop - Summer Institute: New Teacher Orientation			
August 5, 2019 - 9:00AM - 12:00PM FOTR Office, Plymouth			
Community	Affiliation	# Teachers	# Volunteers
Canton	Crescent Academy International	1	
Detroit	Trix Academy	1	
Northville	Northville High School	1	
Novi	Volunteer		1
Novi	Novi Meadows Elementary School	1	
TOTALS		4	1

Workshop - Summer Institute: How to Engage Students in Community Action		
August 6, 2019 - 9:00AM - 2:00PM FOTR Office, Plymouth		
Community	Affiliation	# Teachers
Farmington Hills	Farmington STEAM Academy	2
Northville	Northville High School	1
TOTALS		3

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Workshop - Summer Institute: Advanced Chemical Training			
August 7, 2019 - 9:00AM - 2:30PM FOTR Office, Plymouth			
Community	Affiliation	# Teachers	# Volunteers
Allen Park	Inter-City Baptist School	1	
Dearborn	University of Michigan-Dearborn		1
Detroit	Trix Academy	1	
Northville	Northville High School	1	
Troy	Troy High School	2	
Wyandotte	Roosevelt High School	1	
TOTALS		6	1

Workshop - Summer Institute: Bug Identification & Sampling Techniques			
August 8, 2019 - 9:00AM - 2:30PM FOTR Office / Plymouth Township (McClumpha) Park, Plymouth			
Community	Affiliation	# Teachers	# Volunteers
Canton	Crescent Academy International	1	
Dearborn	University of Michigan-Dearborn		1
Detroit	Trix Academy	1	
Lansing	U.S. Forest Service		1
Northville	Northville High School	1	
Novi	Novi Meadows Elementary School	1	
Novi	Volunteer	1	
Troy	Troy High School	2	
TOTALS		7	2

Workshop - Summer Institute: Reflection & Planning Time		
August 12, 2019 - 9:00AM - 2:00PM FOTR Office, Plymouth		
Community	Affiliation	# Teachers
Northville	Northville High School	1
TOTALS		1

Student Symposium			
November 15, 2019 - 9:30AM - 1:30PM Schoolcraft College, VisTaTech Center, Livonia			
Community	Affiliation	# Teachers	# Students
Beverly Hills	Detroit Country Day Middle School	1	7
Dearborn Heights	Crestwood High School	1	18
Westland	Huron Valley Lutheran High School	1	18
TOTALS		3	43

Lessons, Water Festivals, & Conferences - 2019
Lesson
Bug Hunt
April 25: Farmington STEAM Academy, Farmington Hills
Partner Event
St. Suzanne STEAM Camp Monitoring Day
August 2: Scout Hollow-Rouge Park, Detroit
Conference
Place-Based Education Conference
November 8-9: University of Michigan-Flint, Flint

Friends of the Rouge
2019 Annual Report for ARC
RESTORATION
ROUGE RESCUE EVENT SITE INFORMATION
January 1, 2019 through December 31, 2019

Date	Site Coordinator Event	Location	City	Attendance
2/21/2019	Rouge Rescue Kick-off Meeting	Plymouth Art & Recreation Center (PARC)	Plymouth	19
6/7/2019	Rouge Rescue Wrap-up Meeting	Plymouth Art & Recreation Center (PARC)	Plymouth	15

Date	Rouge Rescue Work Sites	Sponsoring Community or Organization	City/Twp/Village	2019 Participation
4/13/2019	Merriman Hollow Work Day	-	Westland	18
4/27/2019	E.L. Johnson Nature Center	Bloomfield Township, Bloomfield Hills Schools	Bloomfield Hills	65
5/11/2019	Fair Lane (Henry Ford Estate)	Henry Ford Estate Fair Lane	Dearborn	12
5/11/2019	Riverside Park	Keep Plymouth Leafy	Plymouth	22
5/18/2019	University of Michigan - Dearborn EIC	University of Michigan- Dearborn	Dearborn	17
5/18/2019	Moelke Park	City of Livonia	Livonia	59
5/18/2019	Beech Woods Rec. Center	City of Southfield	Southfield	40
5/18/2019	Jack R. Smiley Nature Preserve	Southeast Michigan Land Conservancy	Superior Township	16
5/18/2019	Tonquish Creek (Holliday Nature Preserve)	Holliday Nature Preserve Association; Partner w	Westland	32
5/18/2019	Dearborn Gateway Trail	City of Dearborn	Dearborn	28
5/18/2019	Henry Ford College	Henry Ford College	Dearborn	14
5/18/2019	Heritage Park	City of Farmington Hills	Farmington Hills	82
5/18/2019	Brightmoor (Eliza Howell)	-	Detroit	15
5/18/2019	Linden Park	City of Birmingham	Birmingham	20
5/18/2019	Oakwood Heights/Fordson Island	FRoG (The Fort/Rouge Gateway)	Detroit	27
5/18/2019	Rouge Park	Friends of Rouge Park; Partner with the City of D	Detroit	355
5/18/2019	Meadows Of Canton	Wayne County Department of Public Services, W	Canton Township	74
5/18/2019	Merriman Hollow	-	Westland	31
5/18/2019	Lola Valley	-	Redford Twp	8
5/18/2019	Preservation Park	Canton Township	Canton	85
5/18/2019	Allen Drive Park	City of Northville Residents	Northville	14
5/18/2019	Dozier Recreation Center - PLANTING RESCHEDU	City of Inkster	Inkster	18
5/18/2019	Smith Elementary School	City of Plymouth	Plymouth	95
5/18/2019	Douglas Evans Nature Preserve	The Village of Beverly Hills	Beverly Hills	17
5/18/2019	Redford Cemetery	Redford Cemetery Association	Redford Twp	19
5/18/2019	Berberian Woods	City of Southfield	Southfield	33
5/22/2019	Newburgh Lake/ Sumac Pointe	Friends of the Rouge	Livonia	5
5/25/2019	Dozier Recreation Center	City of Inkster	Inkster	16
6/1/2019	Novi Cemetery	City of Novi	Novi	14
6/1/2019	Goudy Park	River Restoration Inc.	Wayne	15
6/3/2019	Rouge Park	Friends of Rouge Park	Detroit	56
			Total Participation	1322

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RESTORATION
ROUGE RESCUE VOLUNTEER RESIDENCY
January 1, 2019 through December 31, 2019

City/Township	Total Number of Volunteers	City/Township	Total Number of Volunteers
Allen Park	2	Melvindale	0
Ann Arbor	12	Milan	0
Auburn Hills	4	Monroe	0
Birmingham	14	Nashville	0
Beverly Hills	7	New Hudson	0
Bloomfield Hills	24	Northville	34
Bloomfield twp	4	Novi	23
Brighton	0	Oak Park	3
Byron	0	Orchard Lake	0
Canton	93	Ortonville	0
Carver	0	Petoskey	0
Center Line	1	Plymouth	66
Chesterfield	1	Pontiac	0
Clarkston	0	Redford	10
Clinton twp	1	Rochester	0
Commerce Twp	8	Rochester Hills	1
Dearborn	47	Romulus	1
Dearborn Heights	21	Roseville	2
Detroit	176	Royal Oak	15
East China	0	Saginaw	0
East Lansing	0	Shelby Twp	1
Eastpointe	4	South Lyon	1
Farmington	8	Southfield	9
Farmington Hills	72	Southgate	1
Fenton	1	Spring Lake	0
Ferndale	3	Sterling Heights	1
Flint	0	Sylvan Lake	0
Fowlerville	0	Taylor	1
Franklin	2	Trenton	2
Garden City	6	Troy	2
Gibraltar	0	Walled Lake	1
Grant	0	Warren	5
Grosse Pointe Park	0	Waterford	2
Hamtramck	3	Wayne	3
Harper Woods	1	West Bloomfield	12
Highland Park	1	Westland	24
Holt	0	White Lake	2
Howell	1	Willis	0
Huntington Woods	0	Wixom	2
Lake Orion	0	Woodhaven	0
Lapeer	2	Wyandotte	2
Livonia	42	Ypsilanti	4
Macomb	1		
Madison Heights	0	Unknown/ not stated	466

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RESTORATION
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Rain Gardens to the Rescue (RGtTR)					
Date	Event	City	Location	Audience	Participation
3/16/2019	Green Your Neighborhood Community Forum	Detroit	Wayne County Community College Eastern Campus	Public	83
4/2019- 6/2019	RGtTR Workshop Series	Detroit	Eastside Community Network	Detroit residents and public institutions*	
	<i>4/29/2019 Workshop 1 - Introduction to Rain Gardens</i>				
	<i>5/6/2019 Workshop 2 - Native Plants, Site Conditions and Garden Sizing</i>				
	<i>5/13/2019 Workshop 3 - Rain Garden Design</i>				
	<i>5/20/2019 Workshop 4 - Design Reveal</i>				
	<i>6/3/2019 Workshop 5 - Just Weed It! Maintenance Workshop</i>				
9/2019- 10/2019	RGtTR Plantings (10 sites, listed below)	Detroit	Multiple locations, Detroit	Detroit residents and their friends and family	98
	<i>9/14/2019 Rain Garden Planting_Montclair</i>		Residential site		
	<i>9/14/2019 Rain Garden Planting_Courville</i>		Residential site		
	<i>Rain Garden Planting_W. Outer Drive</i>		Residential site		
	<i>Rain Garden Planting_Elmdale</i>		Residential site		
	<i>Rain Garden Planting_Baylis</i>		Residential site		
	<i>Rain Garden Planting_Lemay</i>		Residential site		
	<i>Rain Garden Planting_Goddard</i>		Residential site		
	<i>Rain Garden Planting_Haverhill</i>		Residential site		
	<i>Rain Garden Planting_Davison Elementary School</i>		Public site		
	<i>Rain Garden Planting_St. Suzanne Cody Rouge CRC</i>		Semipublic site		
9/25/2019	RGtTR Celebration	Detroit	Samaratin Center	RGtTR and SWST Participants & guests	30
7/2019- 11/2019	Rain Barrel Workshops (3)	Detroit	Multiple locations, Detroit	Public	37
8/10/2019	Rain Gardens to the Rescue bus tour	Detroit	Samaratin Center	Public	12
4/2019- 6/2019	Storm Water Specialist Training Program (8 week, 16 class course)	Detroit	St. Suzanne Cody Rouge CRC	RGtTR Participants	9
				Total	269

Residency for the RGtTR program and events were Detroit residents and partner organizations working in Detroit

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Land + Water WORKS Coalition					
Date	Event	City	Location	Audience	Participation
8/3/2019	GSI Bus Tour	Detroit		LWW Ambassadors	20
8/13/2019	Ambassador training_Downspout Disconnect #1	Detroit		LWW Ambassadors	30
9/3/2019	Ambassador training_Downspout Disconnect #2	Detroit		LWW Ambassadors	30
9/28/2019	Ambassador training/Community Canvassing	Detroit		LWW Ambassadors	15
9/12/2019	Rain Garden Workshop	Detroit	Cristo Rey #1	Students	17
9/19/2019	Rain Garden Workshop & Demonstration Planting	Detroit	Cristo Rey #2	Students and GM Employees	17
10/3/2019	Rain Garden Workshop	Detroit	Cristo Rey #3	Students	4
9/13/2019	Rain Garden Workshop	Detroit	Oak Grove #1	Public	5
9/27/2019	Rain Garden Workshop & Demonstration Planting	Detroit	Oak Grove #2	Public	18
10/15/2019	Rain Garden Workshop	Detroit	Oak Grove #3	Public	3
<i>Residency for the LWW program and events were Detroit residents and partner organizations working in Detroit</i>				Total	159

TNC Signage Project					
Date	Event	City	Location	Audience	Participation
12/3/2019	Rain Garden Educational Signage Unveiling	Detroit	Cristo Rey High School	Students and Community	26
12/5/2019	Rain Garden Educational Signage Unveiling	Detroit	St. Suzanne Cody Rouge CRC	Public, St. Suzanne Board students, and program participants	30
<i>Residency for the TNC project were Detroit residents and partner organizations</i>				Total	56

**Friends of the Rouge
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RESTORATION
RAINSMART EVENTS
January 1, 2019 through December 31, 2019**

Event	Westland Get Your Lawn a Job!	Plymouth Study Group Rain Garden Presentation	Plymouth Garden Club Presentation	Master Rain Gardener Training Program	Master Rain Gardener Training Program	Master Rain Gardener Training Program	Master Rain Gardener Training Program	Master Rain Gardener Training Program	Ford rain garden workday	Bosch rain garden workday	Geneva rain garden workday	Groen Rain Garden Workday	Groen Rain Garden Workday	Rain garden maintenance workday	Salem Rain Garden Workday	Salem Rain Garden Workday	Geneva rain garden workday
Date	1/12/2019	2/23/2019	1/14/2019	2/2/2019	2/9/2019	2/16/2019	2/23/2019	3/2/2019	6/24/2019	6/27/2019	6/1/2019	5/14/2019	5/17/2019	5/22/2019	5/23/2019	5/24/2019	5/31/2019
City/Township	Westland	Plymouth	Plymouth	Plymouth	Plymouth	Plymouth	Plymouth	Plymouth	Plymouth	Plymouth	Canton	Plymouth Township	Plymouth Township	Plymouth	Salem Township	Salem Township	Canton
Location	Westland Public Library	Plymouth Arts Council	Plymouth District Library	PARC, FOTR office	PARC, FOTR office	PARC, FOTR office	PARC, FOTR office	PARC, FOTR office	PARC	PARC	Geneva Presbyterian Church	Groen Residence	Groen Residence	Plymouth Municipal Yard	Salem Township Hall	Salem Township Hall	Geneva Presbyterian Church
Attendee Residency																	
Allen Park																	
Canton	7		3	4	3	3	3	3	1						2		1
Dearborn				1	1	1	1	0							1		4
Dearborn Heights																	
Detroit				1	2	2	2	1									
Farmington												1			1		
Farmington Hills				2	1	1	1	2									1
Garden City	4																
Livonia	6			3	3	3	2	2				1					
Northville	2	2										1					
Northville Township																	
Novi																	1
Plymouth	4	2	7	2	2	2	1	2							2		
Plymouth Township				3	2	3	3	3				2	2				
Redford	2			2	2	2	2	2									
Salem Township																	
Southfield																	1
Van Buren Twp.				1		1	1	1									
Wayne																	
Walled Lake		1															
Westland	11		2	1	1	1	1	1									
West Bloomfield																	
Outside watershed				4	4	4	4	4						1	2		1
Unknown	2	28	20						15	7	3	10	6			9	1
Total	38	33	32	24	21	23	21	21	16	7	3	15	8	1	9	9	10

**Friends of the Rouge
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RESTORATION
RAINSMART EVENTS
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Event	Michowski Rain Garden Install	Yarrington Rain Garden Install	Deluka Rain Garden Install	Starr Rain Garden Install	Moraine Rain Garden Install	Moraine Rain Garden Install	Moraine Rain Garden Install	Plymouth Township Park Rain Garden	Ford Rain Garden at PARC	Yarrington Rain Garden Install	Hulsing Maintenance	Hause Rain Garden Build	Bosch Rain Garden at PARC	Hause & Shock Rain Garden Completions	Viars Rain Garden Install	Shock Rain Garden Install	St Suzanne Rain Garden Installation
Date	6/2/2019	6/3/2019	5/10/2019	6/30/2019	6/27/2019	6/26/2019	6/29/2019	6/18/2019	6/24/2019	6/6/2019	6/8/2019	6/7/2019	6/12/2019	6/15/2019	6/15/2019	6/14/2019	8/24/2019
City/Township	Northville	Plymouth Township	Westland	Plymouth Township	Northville Township	Northville Township	Northville Township	Plymouth Township	Plymouth	Plymouth Township	Canton	Plymouth Township	Plymouth	Plymouth Township & Canton	Canton	Canton	Detroit
Location	Michowski Residence	Yarrington Residence	Deluka Residence	Starr Residence	Moraine Elementary School	Moraine Elementary School	Moraine Elementary School	Plymouth Township Park	PARC	Yarrington Residence	Hulsing Elementary School	Hause Residence	PARC	Hause Residence and Shock Residence	Viars Residence	Shock Residence	9357 Westwood St, Detroit, MI 48228
Attendee Residency																	
Allen Park																	
Canton	1							2	1		2	1					
Dearborn												2					
Dearborn Heights								1									
Detroit																	12
Farmington								1					1	1			
Farmington Hills												1					
Garden City																	
Livonia							1										
Northville							7										
Northville Township														2			
Novi	3																
Plymouth								6		1		1					
Plymouth Township	1			2				3		3		1		1			
Redford							1										
Salem Township																	
Southfield							1	1				1					
Van Buren Twp.																	
Wayne																	
Walled Lake																	
Westland						1		2				1		1			
West Bloomfield												1					
Outside watershed								2			2	4					
Unknown	7	14	13	12	13	6	5	11	15	1			27	10	13	13	
Total	12	14	13	14	13	6	16	29	16	5	4	13	28	15	13	13	12

**Friends of the Rouge
2019 Report for ARC
MONITORING
FROG AND TOAD SURVEY
January 1, 2019 through December 31, 2019**

Event	Frog & Toad Survey Training Workshop	Frog & Toad Survey Veterans	Frog & Toad Group Listen	Data Submission
Date	3/16/2019	March thru June	4/26/2019	March thru June
Time	10am-12pm	after dark	7-9pm	7-8 pm
City/Township	Bloomfield Township	same as home	West Bloomfield	same as home
Location	Township Hall		Nature Preserve	
Ann Arbor				
Belleville				
Beverly Hills		1	2	1
Birmingham		4		1
Bloomfield Hills	4	4		4
Bloomfield Twp	2			
Brownstown Twp	1			
Canton	2	13		8
Dearborn	4	3		4
Dearborn Heights	1	2	2	
Detroit	1	3		2
Eastpointe				
Farmington		2		1
Farmington Hills	2	2	1	2
Franklin	2			
Garden City	2			
Hamtramck		1		1
Hazel Park		1		
Huntington Woods	2	2		1
Lathrup Village	3			
Livonia	6	3	1	2
Melvindale		1		1
Milan				
Mount Clemens				
New Boston				
New Hudson				
Northville		5		6
Novi	1	2		2
Oak Park		1		
Plymouth	5	5		7
Plymouth Township				
Redford		2		
Riverview	1			
Rochester Hills	1			

**Friends of the Rouge
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MONITORING
FROG AND TOAD SURVEY
January 1, 2019 through December 31, 2019**

Event	Frog & Toad Survey Training Workshop	Frog & Toad Survey Veterans	Frog & Toad Group Listen	Data Submission
Date	3/16/2019	March thru June	4/26/2019	March thru June
Time	10am-12pm	after dark	7-9pm	7-8 pm
City/Township	Bloomfield Township	same as home	West Bloomfield	same as home
Location	Township Hall		Nature Preserve	
Royal Oak	2	1		3
Southfield	1	1		1
Southgate		1		1
Sylvan Lake	1			1
Troy	5	1		2
Trenton				
Walled Lake				
Waterford	1			1
Wayne		4		
West Bloomfield		4		3
Westland		4		4
Wyandotte	2			
Ypsilanti	1			1
Unknown		1	78	
TOTALS	53	74	84	60

2018 Blocks Surveyed	
Subwatershed	# blocks
Main 1-2	32
Upper	16
Middle 1	32
Lower 1	29
Lower 2	7
Middle 3	2
Main 3-4	7
TOTAL	125

**Friends of the Rouge
2019 Report for ARC
MONITORING
BENTHIC MACROINVERTEBRATE SAMPLING
January 1, 2019 through December 31, 2019**

Event	Stonefly Refresher	Stonefly Search	Spring Sampling	Eliza Howell Discovery Day	Fall Training	Fall Bug Hunt	Fall Bug ID
Date	1/12/2019	1/26/2019	4/6, 4/9, 4/12	7/13/2019	9/28/2019	10/19/2019	11/4/2019
Time	10am-12pm	9am-3pm	9am-2pm	10am-2pm	9am-2pm	9am-4pm	5pm-7pm
City/Township	Plymouth	Plymouth	various	Detroit	Plymouth	Livonia	Plymouth
Location	FOTR Lab	PARC Building		Eliza Howell Park	FOTR Office	Schoolcraft College	FOTR Office
Attendee Residency							
Allen Park		1				1	1
Ann Arbor						3	
Belleville							
Beverly Hills	1	3	2				
Birmingham						1	
Bloomfield Hills		1					
Brighton							
Brownstown Twp							
Canton		7		1		1	
Commerce						3	
Dearborn	2	10				3	
Dearborn Heights	1	4	3		1	1	1
Detroit		4				2	
Erie							
Farmington		1					
Farmington Hills		1	2			2	
Ferndale		1					
Garden City	1	1				1	
Grosse Pte		1	3			1	
Grosse Pointe Pk							
Hamtramck				1		1	
Hartland							
Lake Angelus		4					
Lansing		1					
Lincoln Park	2	2	1				
Livonia	4	7				8	3
Midland							
Mount Clemens	2					2	
Northville	1	3				2	
Novi							
Oak Park						2	
Plymouth	2	4	8		2	4	3
Redford		3				5	
Richmond		1					
Royal Oak	1	2				1	
Saint Clair Shores		1					
Shelby Twp		1			1	1	

**Friends of the Rouge
2019 Report for ARC
MONITORING
BENTHIC MACROINVERTEBRATE SAMPLING
January 1, 2019 through December 31, 2019**

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Date	1/12/2019	1/26/2019	4/6, 4/9, 4/12	7/13/2019	9/28/2019	10/19/2019	11/4/2019
Time	10am-12pm	9am-3pm	9am-2pm	10am-2pm	9am-2pm	9am-4pm	5pm-7pm
City/Township	Plymouth	Plymouth	various	Detroit	Plymouth	Livonia	Plymouth
Location	FOTR Lab	PARC Building		Eliza Howell Park	FOTR Office	Schoolcraft College	FOTR Office
Attendee Residency							
Southfield							
Sterling Heights							
Taylor							
Troy		1					
Warren	1	2		1		1	
Waterford							
Wayne						2	
West Bloomfield			1				
Westland	1	4	3		2	10	
Wixom						2	
Ypsilanti							
Unknown	1	8	1			16	
TOTALS	20	79	24	3	6	76	8

**Friends of the Rouge
2019 Report for ARC
MONITORING
FISH SURVEYS**

January 1, 2019 through December 31, 2019

Fish Surveys							
Date	5/6/2019	5/14/19	8/16/19	8/18/19	8/23/19	8/24/19	9/6/19
City/Township	Coon Creek	Farmington/ Redford	Canton	Canton	Canton/ Wayne	Inkster/ Dearborn	Dearborn
Attendee Residency							
Beverly Hills	1	1	1	1		1	1
Canton				1	1		
Dearborn						2	
Dearborn Heights	1	1			1		1
Farmington					1	1	1
Ferndale							
New Baltimore	1			1		1	1
Plymouth					1		
Northville	1	2	2				2
Royal Oak	1	1	1	1	1	1	1
Sterling Heights	1	1	1	1	1	1	1
Westland				1			
Unknown		1	1	1	3	1	5
TOTALS	6	7	6	7	9	8	13

**Friends of the Rouge
2019 Report for ARC
ROUGE RIVER WATER TRAIL
January 1, 2019 through December 31, 2019**

Date	1/7/19	2/13/19	2/21/19	3/13/19	3/21/19	4/11/19	4/18/19	6/20/19	7/18/19	8/9/19	9/19/19	11/21/19	9/14/19	9/20/19	10/5/19
Event	Committee Meeting	Safety Summitt	Committee Meeting	Safety Meeting	Committee Meeting	Public Open House	Committee Meeting	Planning	Committee Meeting	WDM	Committee Meeting	Committee Meeting	Industrial Rouge Paddle	WDM Work Day	Group Paddle
City/Township	Westland	Inkster	Westland	Plymouth	Plymouth	Westland	Westland	Plymouth	Plymouth	Plymouth	Westland	Dearborn	Melvindale Dearborn Detroit River Rouge	Wayne	Wayne
Attendee Residency															
Allen Park		1													
Berkley															2
Birmingham												1			
Bloomfield Hills								1	1		1				
Canton		4													
Dearborn	2	3	2	4	2	3	2	2	1		3	2			4
Dearborn Heights	1	2	1	1		1	1	1	1	1	1	1			2
Detroit	2	1	2	1	1	1	1		1			1			1
Farmington						1	1				1	1			1
Ferndale															1
Garden City						1									1
Flat Rock	1					1	1					1			
Huntington Woods															1
Inkster	1	5	1		1		1				1				
Lansing											1				
Livonia	1					3		1				1			3
Melvindale															
Milford						1									
New Baltimore															
Northville						1						1			1
Oak Park															1
Plymouth	1	1	1		1	1	1	1	1	1	2	1			1
Royal Oak															1
Sterling Heights															

**Friends of the Rouge
2019 Report for ARC
ROUGE RIVER WATER TRAIL
January 1, 2019 through December 31, 2019**

Date	1/7/19	2/13/19	2/21/19	3/13/19	3/21/19	4/11/19	4/18/19	6/20/19	7/18/19	8/9/19	9/19/19	11/21/19	9/14/19	9/20/19	10/5/19
Event	Committee Meeting	Safety Summit	Committee Meeting	Safety Meeting	Committee Meeting	Public Open House	Committee Meeting	Planning	Committee Meeting	WDM	Committee Meeting	Committee Meeting	Industrial Rouge Paddle	WDM Work Day	Group Paddle
City/Township	Westland	Inkster	Westland	Plymouth	Plymouth	Westland	Westland	Plymouth	Plymouth	Plymouth	Westland	Dearborn	Melvindale Dearborn Detroit River Rouge	Wayne	Wayne
Attendee Residency															
Southgate															
Traverse City	1	1	1	1											
Van Buren															1
Warren															
Wayne		1				4				1	1				3
Westland	3	1	1			9	2					1			1
West Bloomfield															2
Unknown	2	4	3		2	5	4	8	4		4	2	25	10	
TOTALS	15	24	12	7	7	32	14	14	9	3	15	13	25	10	27

Friends of the Rouge
2019 Annual Report for ARC
LOCAL AND REGIONAL OUTREACH
January 1, 2019 through December 31, 2019

Date	Event/Meeting Name	Location	FOTR Staff	Display	Participation	Presentation
2/9/2019	UM AOC students meeting with RRAC	Wayne	Petrella		Y	
2/12/2019	John Dingell Funeral	Dearborn	Petrella		Y	
2/22/2019	Presentation at Env Issues UM-D Class	Dearborn	Petrella			Y
2/23/2019	The Monarch: Rain Gardens to the Rescue Storytelling event	Detroit	Ross		Y	Y
3/7/2019	Rouge Rescue meeting with Westland	Westland	Ross, Heikkila, Craig		Y	
3/7/2019	City Nonprofit Gathering	Westland	Heikkila	Y	Y	
3/14/2019	Boy Scouts Volunteer Event	Livonia	Heikkila	Y	Y	
3/15/2019	GSI Tour and Dinner with Dr. Wolf	Detroit	Ross, Heikkila		Y	
3/16/2019	Green Your Neighborhood Community Forum	Detroit	Ross, Heikkila	Y	Y	Y
3/30/2019	Watershed Tour	West Bloomfield	Petrella, Muller, Vankerckhove	Y	Y	Y
4/10/2019	Riverside Park Rouge Rescue site visit	Plymouth	Ross, Heikkila		Y	
4/22/2019	St. Suzanne GSI Program for Middle Schoolers	Detroit	Ross			Y
4/22/2019	Heritage Park Earth Day Celebration	Farmington Hills	Heikkila	Y	Y	
4/23/2019	BOSCH Earth Day	Farmington Hills	Heikkila	Y	Y	
4/24/2019	BOSCH Earth Day	Plymouth	Heikkila	Y	Y	
4/25/2019	Hosted Bug Hunt w Farmington STEAM teachers	Farmington Hills	Cassady			Y
4/27/2019	Detroit Zoo Green Fest	Royal Oak	Petrella	Y		
4/29/2019	UM AOC student presentations	Ann Arbor	Petrella		Y	
5/2/2019	UMD Water Festival	Dearborn	Heikkila			Y
5/3/2019	Eliza Howell Rouge Rescue site visit	Detroit	Ross, Heikkila, Craig		Y	
5/9/2019	Lola Valley Rouge Rescue site visit	Redford	Ross, Heikkila		Y	
5/15/2019	Pure Michigan Luncheon	Plymouth	Petrella, McCormick, Ross, Cassady		Y	
6/4/2019	Land + Water Works Coalition: enviroscape lesson	Detroit	Ross, Heikkila	Y	Y	Y
6/8/2019	Art, Fish, Fun Festival	Orchard Lake	Heikkila, Bernstein	Y	Y	
6/19/2019	Rain Garden Ribbon Cutting event (ECN)	Detroit	Ross	Y	Y	
6/27/2019	Wayne County Conservation Stewards Meeting	Dearborn	Petrella		Y	
7/8/2019	St. Suzanne STEAM Camp planning meeting	Detroit	Bertrand, Cassady, Ross		Y	
7/13/2019	Eliza Howell Discovery Day	Detroit	Petrella, Van kerckhove, Jaja, Sosin	Y	Y	
7/17/2019	Oakland County CISMA	Waterford	Petrella, Ross		Y	Y
7/17/2019	Special meeting, Oakland County Commissioner	Waterford	Ross, Petrella		Y	Y
7/22/2019	Met w teacher re: Earth Force Process	Plymouth	Cassady			Y
7/22/2019	Tour for UM AOC students	Melvindale, Dearborn, Detroit	Petrella		Y	Y
8/2/2019	Hosted monitoring event with St. Suzanne STEAM camp	Detroit	Cassady			Y
8/10/2019	RGttr Bus Tour	Detroit	Ross, Heikkila		Y	Y

Friends of the Rouge
2019 Annual Report for ARC
LOCAL AND REGIONAL OUTREACH
January 1, 2019 through December 31, 2019

Date	Event/Meeting Name	Location	FOTR Staff	Display	Participation	Presentation
8/24/2019	Environmental Fair	Beverly Hills	VanKerckhove, Martin	Y		
9/4/2019	Land + Water Works Coalition: lantern event	Detroit	Ross, Heikkila	Y	Y	
9/11/2019	CIS Water Festival	Bloomfield Hills	Heikkila			Y
9/18/2019	Met w Ellen Koehler at MSU Tollgate re: programming	Novi	Cassady		Y	
9/18/2019	Meeting w Bryon of Debbie Dingell's Office	Plymouth	McCormick, Petrella, Ross, Bertrand, Cassady		Y	
9/18/2019	Schoolcraft College School Daze Fall Festival	Livonia	Heikkila	Y		
10/4/2019	Stormwater Summit	Southfield	Ross, Bertrand, Bernstein, Heikkila	Y	Y	
10/4/2019	Great Global Cleanup	Detroit	Ross, Heikkila		Y	
10/5/2019	MSU Tollgate Festival	Novi	Heikkila, Van kerckhove	Y		
10/6/2019	MSU Tollgate Festival	Novi	Heikkila, Van kerckhove	Y		
10/10/2019	Rouge Burnniversary Celebration	Detroit	All	Y	Y	Y
10/10/2019	Oakland County CISMA	Waterford	Petrella		Y	
10/11/2019	Farmington STEAM native planting	Farmington	Heikkila		Y	
10/18/2019	GLRI Celebration	Dearborn	Ross, Petrella, Bertrand, McCormick	Y	Y	Y
10/25/2019	RGttR Celebration	Detroit	Ross, McCormick, Heikkila, Edwards		Y	Y
10/29/2019	USDN Bus Tour (Erb)	Detroit	Ross			Y
11/1/2019	Great Global Cleanup	Royal Oak	Ross, McCormick		Y	
11/7/2019	Dearborn Heights Garden Club	Dearborn Heights	Ross			Y
11/8/2019	Place-Based Education Conference	Flint	Cassady		Y	
11/12/2019	SEMI Wild meeting	Dearborn	Ross		Y	
11/14/2019	Clear Water: Detroit's River Revival film screening	Detroit	All	Y	Y	Y
11/14/2019	Oakland County CISMA	Waterford	Heikkila		Y	
12/10/2019	Great Global Cleanup	Detroit	Ross, Heikkila		Y	
12/12/2019	Oakland County CISMA	Waterford	Heikkila		Y	
12/12/2019	Beautification Commission of Southeast Michigan	Redford	Ross			Y
Monthly	Land + Water Works Coalition	Detroit	Ross		Y	