



# BOARD OF COMMISSIONERS

1 S. Main St., 9th Floor  
Mount Clemens, Michigan 48043  
586-469-5125 FAX 586-469-5993  
macombcountymi.gov/boardofcommissioners

## HEALTH AND ENVIRONMENTAL SERVICES COMMITTEE

THURSDAY, MARCH 19, 2009

### AGENDA

1. Call to Order
2. Pledge of Allegiance
3. Adoption of Agenda
4. Approval of Minutes dated February 5, 2009 (previously distributed)
5. Public Participation
  
6. Prosecutor's Environmental Unit Report for February (mailed)
7. Report from Water Quality Board (mailed)
8. S.W.I.M. Team Report for January (mailed)
9. Request by Chesterfield Township to Extend the Meldrum Drain Project Supported by Environmental Problems: Lake/River Fund (mailed)
10. Authorize Health Department to Accept Michigan Department of Environmental Quality Grant for Dye Testing (mailed)
11. Authorize Health Department to Submit Grant Applications to Michigan Dept. of Environmental Quality (mailed)
12. Approve 2009-10 Flu Program Plan (mailed)
13. Report on 2008-09 Tuberculosis Investigation (mailed)
14. Report on Macomb County Animal Shelter (mailed)
15. Adopt Resolution Declaring April 20-26, 2009 as Public Health Week in Macomb County (mailed)
16. New Business
17. Public Participation
18. Adjournment

**MEMBERS:** Camphous-Peterson-Chair, J. Flynn-Vice-Chair, Brown, Rocca, Rengert, Vosburg, Brdak, Torrice, Kepler and Gielegghem (ex-officio)

### MACOMB COUNTY BOARD OF COMMISSIONERS

Andrey Duzyj - District 1  
Marvin E. Sauger - District 2  
Phillip A. DiMaria - District 3  
Toni Mocerri - District 4  
Susan L. Doherty - District 5

Sue Rocca - District 7  
David Flynn - District 8  
Robert Mijac - District 9  
Ken Lampar - District 10  
Ed Szczepanski - District 11

James L. Carabelli - District 12  
Don Brown - District 13  
Brian Brdak - District 14  
Keith Rengert - District 15  
Carey Torrice - District 16

Paul Gielegghem  
District 19  
Chairman

Kathy Tocco  
District 20  
Vice Chair  
  
Ed Bruley - District 17  
Dana Camphous-Peterson - District 18  
Irene M. Kepler - District 21  
Frank Aceavitti Jr. - District 22

Joan Flynn  
District 6  
Sergeant-At-Arms

William A. Crouchman - District 23  
Michael A. Boyle - District 24  
Kathy D. Vosburg - District 25  
Jeffery S. Sprys - District 26

RESOLUTION NO. \_\_\_\_\_

FULL BOARD MEETING DATE: 3/26/09

6.

AGENDA ITEM: \_\_\_\_\_

**MACOMB COUNTY, MICHIGAN**

**RESOLUTION TO receive and file the Status Report on the Prosecutor's Environmental Unit for February 2009, as submitted by Luanne Laemmerman**

**INTRODUCED BY: Dana Camphous-Peterson, Chairman, Health Services Committee**

**COMMITTEE/MEETING DATE**  
**Health Services 3/19/09**

\_\_\_\_\_  
\_\_\_\_\_

## PROSECUTOR'S ENVIRONMENTAL UNIT REPORT

Submitted by Luanne Laemmerman

### February 2009

#### **CIVIL CASES (in process):**

See table attached.

#### **CRIMINAL CASES (in process):**

People v Kenneth Lerash – MCHD referral. Violation of County Health Regulations for failure to correct septic system. Pretrial 9/4/08, 42-2. Def failed to appear. Bench warrant issued. Pretrial 3/4/09, 42-2; **Violation corrected. Case Closed.**

People v Daniel Williams – MASH/Marine Division referral. Water Pollution Violation and Dumping Oil from Boat. Warrant authorized. Pre-exam 8/14/08 adjourned for discovery. Preliminary Exam scheduled to 10/6/08, 42-2. Bound over to Circuit Court; Plea negotiations complete. Defendant to pay \$3,000.00 to Lake/River Fund. Defendant missed first payment. Letter to Def attorney on 11/24/08. Defendant missed 4 payments; Show Cause Hearing on 1/28/09 – adjourned for payment by 2/5/09. **Bench Warrant issued on 2/17/09.**

People v Liston – Marine Division referral. Water Pollution Violation, Violation of County Health Regulations and Watercraft Pollution violations. Warrant authorized 9/20. Pre-Exam and Pretrial on 11/3/08. Preliminary exam held; felony charge dismissed. 1/14/09 Jury Trial adjourned by Court. Pretrial 2/4/09, 42-2; **Pretrial rescheduled to 4/22/09, 42-2.**

People v Jalloul – Sheriff's Dept referral. **Hazardous Waste Violations; Fire Code Violation.** Release of gasoline in storm drain during delivery. Warrant authorized 2/3/09. Preliminary Exam 3/23/09, 41B.

People v Robert Martin and Fettes Mfg Co. – MDEQ-OCI referral. **Water Pollution Violation; Liquid Industrial Waste Violation.** Wastewater discharged into storm drain. Warrant authorized 3/2/09. Preliminary Exam 3/23/09, 41A3.

#### **MEETINGS ATTENDED ON BEHALF OF COUNTY:**

- 2/5/09 – Wayne State University Law School Symposium on Boundary Waters Treaty
- 2/6/09 – Meeting with MCHD regarding Open Cases
- 2/10/09 – Lunch Meeting with Township Supervisors regarding adoption of "Green" ordinances
- 2/12/09 – Red Run/Clinton River East Watershed Advisory Grp
- 2/20/09 – Macomb/St. Clair Inter-County Watershed Mgmt Advisory Grp.

3/3/09 – Presentation/talk at MISD regarding Environmental Awareness for Citizens.

3/5/09 – SEMCOG Meeting regarding Stimulus Package.

3/10/09 – Meeting with MDEQ District Supervisors regarding potential enforcement actions.

**Monthly Narrative:** Continued preparation for court proceedings on recent environmental cases; resolved one criminal and one civil outstanding case. Attended meeting with all Township Supervisors regarding Environmental Prosecutor duties and announced need and value for adoption of Environmental Ordinances. Partially completed investigation of procedures to notify prospective buyers of foreclosed properties regarding outstanding sewage code violations pursuant to amended procedures by Corporation Counsel. Continued work with Clinton Township personnel regarding outstanding sanitary code violation and sewer connection. Continued work with MCHD to determine status of all outstanding SWIM team cases and developed actions for appropriate personnel. Continued coverage at District Court/general criminal docket. Participated in joint Clinton River Watershed Council/Macomb County Prosecutor's Office training on environmental awareness.

**Future Plan:** Continue enforcement of outstanding SWIM team cases and criminal cases in process. File criminal charges against Centerline business discharging sewage into storm system. Present Environmental Crimes Awareness for "Green Boating" Event on 3/18/09. Finalize contract for designation as Special Asst. Attorney General with AG's office. Meet with City/Township Attorneys to coordinate enforcement and promotion of environmental cases. Continue participation in educational programs to facilitate various environmental practices. Continue participation with local environmental groups during regular meetings. Explore more effective procedures to notify prospective home buyers of foreclosed properties of outstanding sanitary code violations.

# Macomb County Health Dept/EHS Open Cases

03/10/09

Date Referred to Prosecutor	Civil Division/ Street	Violation	Referral Source	Issue/Status
3/28/05	Clinton Twp/ Cass Avenue	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Sanitary waste plumbed to storm drain discovered 1/03 through dye test. Complaint filed 12/05. Order of Consent Judgment issued 12/19/05. No compliance with Order. Letter to owner on 10/30/07 to pursue proper connection in order to avoid enforcement of Consent Order. Second letter to owner on 11/26 to contact Clinton Twp Water & Sewer Dept by 12/7 to avoid enforcement. Owner contacted Clinton Twp as directed. MCPO contacted by owner's attorney. Owner and/or attorney unresponsive. MCHD verifying alternative corrective action for property. MCHD setting up meeting with owner regarding corrective options. Owner working with MCPO and Clinton Twp personnel regarding sewer connection.
12/28/05	Fraser/ 14 Mile Rd	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Failing septic system. Complaint filed 9/1/06. Order to show cause 9/25/06 -- no show. Bench warrant 9/06. Case dismissed by A. Jacklyn 6/13/07 - defendant allegedly complied with sewer connection/started work. MCHD confirmed that connection not made as of 10/24/07. House sold on 12/19/06 - no POS conducted because purchased through foreclosure. 30-day letter sent to new owner on 12/26/07; no compliance, formal citation sent by MCHD on 3/5/08. Enforcement letter sent 4/25/08, correction by 6/15/08; owner currently getting repair estimates; owner trying to get permission to tie into neighboring sanitary lines. MCPO in contact with City of Fraser for options.
2/15/06	Clinton Twp/ Elmway Rd	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Illicit connection. Property transferred to new owner who paid sewer tap and frontage fees. Enforcement letters sent to property owner. Connection to sanitary sewer allegedly begun as of 7/2/07 according to A. Jacklyn. Certificate of occupancy to be withheld until home is connected to sanitary sewer. No action until owner applies for Certificate of Occupancy from Building Dept.
7/15/04	Lenox Twp/ 31 Mile Rd	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Failing septic; citation 7/05; Consent Order 1/06 -- repair to be complete by 6/06; no compliance; owner trying to get loan. Message left for owner to call Environmental Prosecutor on 10/31/07. No action by owner to date. Correspondence sent to owner on 1/8/08 to meet with MCHD and MCPO by 1/31/08 to develop schedule of compliance or enforce consent order. Agreement made on 1/24/08 with owner to complete repairs by 6/15/08 and to minimize water usage. Final enforcement letter sent by MCPO on 6/3/08 due to lack of cooperation. MCPO authorizing warrant. See Criminal Cases. <b>Violation corrected. Case Closed.</b>
	Chesterfield Twp/ Fairchild	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	MCHD to manage file -- house currently unoccupied; bank informed of standing violation. MCPO investigating procedures to notify buyers of standing violation. No action until house is transferred to new owner.
8/14/07	Lenox	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Failing septic; wastewater is discharging to the roadside ditch. Owner has not responded to letters regarding alternate septic installation locations. Enforcement letter sent 8/23/07. MCHD confirmed that home owned by the bank; no active discharge; MCHD sent notification letter to bank of standing violation on 12/21/07. MCPO investigating procedures to notify buyers of standing violation. No action until house is transferred to new owner.
4/2/08	Clinton Twp/North Ave	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Failing septic; citation to owner 3/20/08; sanitary available for connection; foreclosure proceedings in process -- no enforcement of violation. MCPO investigating procedures to notify buyers of standing violation. No action until house is transferred to new owner.
4/15/08	Warren/Van Dyke	Section 3.1 Sewage Code	MCHD SWIM Team	Discharge of sewage to storm drain; Notice of Violation from Warren 12/4/06; MCHD citation sent 3/7/08; no response from owner; letter from MCPO ordering correction by 6/9/08; Cease and Desist Order by City of Warren on 5/9/08 -- returned undeliverable; owner verbally warned by MCPO on 7/8/08 to proceed with correction within one week or face escalation of enforcement. Water turned off by City of Warren on 7/17/08. Owner met with City of Warren to discuss repair options on 8/15/08. <b>Violation corrected. Case Closed.</b>

# Macomb County Health Dept/EHS Open Cases

03/10/09

Date Referred to Prosecutor	Civil Division/ Street	Violation	Referral Source	Issue/Status
7/2/08	Shelby Twp/ Barclay	undetermined	MCHD SWIM Team	Complaint received by MCHD 5/08; dye test attempted 5/08 – no entry granted; two letters requesting access to dye test sent 5/08-6/08; case referred to MCPO 7/08. Letter sent 7/16/08 to schedule inspection by 7/23/08 or search warrant will be served. MCPO spoke to owner – house vacant since 6/2/08. No violation. MCHD to notify bank. MCPO investigating procedures to notify buyers of standing violation. No action until house is transferred to new owner.
11/20/08	Van Dyke/ Centerline	Section 3.1 & 3.6 Sewage Code	MCHD SWIM Team	4/15/05 - Routine inspection by MCHD revealed illicit connection. 5/12/05 – 30-day compliance letter from Centerline. 11/14/05 – 14-day violation letter from MCHD. 1/3/06 – Citation issued by MCHD. 2006-2007 City of Centerline turned off water and owner illegally turned it back on. Water turned back on - 12/08. MCPO to issue demand for compliance. <b>Owner disregarded demand; MCPO to escalate enforcement.</b>
12/16/08	19 Mile Rd/Shelby Twp	Section 3.1, 3.4 & 5.1 Sewage Code	MCHD SWIM Team	3/07-4/07 – complaint and investigation revealed discharge of sewage to ground. 4/5/07 – 30-day letter from MCHD requiring connection to sanitary sewer. 5/07-10/07 – owner in process of connection, but did not complete. 8/14/08 – Citation issued by MCHD for failure to comply. 1/20/09 – agreement between owner and MCPO to pump systems 3x/wk and secure means of funding by 3/4/09. <b>Owner retained counsel and is pursuing Special Assmt District to pay for correction. Owner to pump tanks 3x/wk and reduce water use in the meantime in exchange for delaying enforcement.</b>
1/2/09	Winkler/ Harrison Twp	Section 3.1,3.3 & 3.4 Sewage Code	MCHD SWIM Team	9/08 – complaint and investigation revealed discharge of sewage to ground. 9/22/08 – 30-day letter from MCHD. 10/30/08 – Citation issued by MCHD for failure to comply. 11/08-12/08 – owner applied and was issued a permit, but failed to repair. MCPO to issue 10-day letter to pursue correction. <b>Enforcement letter sent; owner in contact with MCHD regarding correction.</b>
1/28/09	29 Mile/Ray Twp	Section 3.1, 3.4, 5.1	MCHD SWIM Team	3/21/05 Point of Sale inspection denied – septic system failing and laundry waste discharging directly to ground. Owner to install new system, but failed to do so. House not sold and owner directed to keep house vacant until violations corrected. <b>House occupied by tenants; sewage on ground.</b>

Key: bold text indicates latest activity.

# **RECYCLABLE PAPER**

RESOLUTION NO. \_\_\_\_\_

MEETING DATE: \_\_\_\_\_

AGENDA ITEM: \_\_\_\_\_

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file a report of the Macomb County Water Quality Board

INTRODUCED BY: Commissioner Dana Camphous-Peterson, Chairperson,  
Health and Environmental Services Committee

The Macomb County Water Quality Board met on March 10, 2009. A presentation was given by Dr. Gregory W. Auner of Wayne State University on the development of a portable real time water monitor. It is anticipated that the device would be available for field testing shortly in which the Health Department will participate. Dr. Auner explained that development of the monitor necessitated the development of several components which are state of the art technology. The project has led to expansion into uses in the medical field. It has been the intent of the project to make the device producible at a low cost and in high volume which will be an economic plus for the Detroit area.

Dr. Te-Yang Soong of CTI Associates, Inc. reported on progress in the implementation of the Septage Landfill Bioreactor and long term waste management strategy in St. Clair County. The bioreactor began taking septage waste in June of 2008 and is producing gas for sale. Currently the facility could utilize more septage so work is being done in that matter.

Mr. Gary White, Health Department Environmental Director reported that a \$192,000 grant had been received from the Michigan Department of Environmental Quality for a facility Dye Testing Project. The Board was most pleased to note that Fraser would be receiving \$13,000,000 to correct their SSO problem and that Centerline would also receive funding to correct problems. The Environmental Prosecutor will investigate how sanitary problems at foreclosed homes might be addressed relative to their correction and notification of potential buyers.

Health & Environmental Services --- March 19, 2009

---

---



# **RECYCLABLE PAPER**

RESOLUTION NO. \_\_\_\_\_

MEETING DATE: \_\_\_\_\_

AGENDA ITEM: \_\_\_\_\_

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file the Surface Water Improvement and Monitoring (SWIM) Team report for January 2009.

INTRODUCED BY: Commissioner Dana Camphous-Peterson, Chairperson, Health and Environmental Services Committee

The January 2009 Surface Water Improvement and Monitoring (SWIM) Team report summarizes surface water monitoring, bathing beach monitoring, investigatory and educational activities of the SWIM Team for the month of January 2009.

COMMITTEE/MEETING DATE

Health and Environmental Services – March 19, 2009

\_\_\_\_\_  
\_\_\_\_\_

**MACOMB COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES DIVISION  
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM  
MONTHLY REPORT JANUARY 2009**

<p><b>Mission:</b> Monitoring, educational, investigatory and enforcement activities toward achieving the goal of all Macomb County surface waters being in compliance with Full Body Contact Standards.</p>
--

**Surface Water Monitoring:** 23 sampling locations were monitored this month for *E. coli* indicator bacteria. The monitoring for January 2009 indicates that 77 % of the sampling locations show improvement over the historical January data. See the attached data summary.

**Bathing Beach Monitoring:** Monitoring for the 2009-bathing season will resume in April.

**SWIM Team Investigations:**

	<u>January 2009</u>	<u>Year-To-Date</u>
Investigations Initiated	12	12
Cases Referred to Prosecutors Office	2	2
Investigations Resolved		3
Open Cases - 2009	9	
Open Cases from 2008	17	
Open Cases from 2007	5	
Open Cases from 2006	4	
Open Cases from 2005	2	
Open Cases from 2004	3	
Open Cases from 2003	3	

\*Investigations are initiated by citizen complaint, municipal referral or as an outcome of water quality monitoring results.

**Education and Public Information:**

A display of radon and indoor air information and educational material was provided in the lobbies of all three Health Department offices. A total of 28 Water Quality and Household Hazardous Waste Presentations were given to 885 students at the following locations:

8 <sup>th</sup> Grade	L'anse Creuse Middle School East	Chesterfield Township
1 <sup>st</sup> & 2 <sup>nd</sup> Grade	Crescentwood Elementary School	Eastpointe
6 <sup>th</sup> & 8 <sup>th</sup> Grade	St. John Lutheran School	Fraser
3 <sup>rd</sup> - 5 <sup>th</sup> Grade	Greenwood Elementary School	St. Clair Shores
4 <sup>th</sup> Grade	Schuchard Elementary School	Sterling Heights

**MACOMB COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES DIVISION  
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM  
MONTHLY REPORT FOR JANUARY 2009**

**SWIM TEAM INVESTIGATIONS**

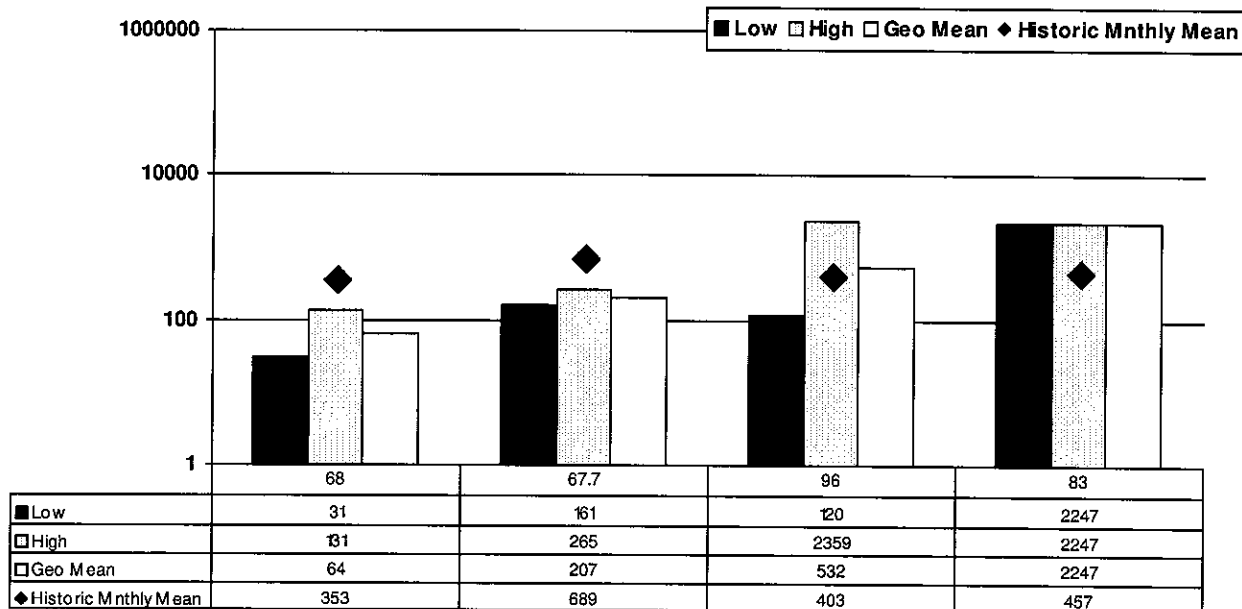
<u>Municipality</u>	<u>Jan-09 Investigations Initiated</u>	<u>Jan-09 Year To Date</u>
Armada Township	0	0
Armada Village	0	0
Bruce Township	0	0
Center Line	0	0
Chesterfield Township	0	0
Clinton Township	7	7
Eastpointe	0	0
Fraser	0	0
Harrison Township	1	1
Lenox Township	0	0
Macomb Township	2	2
Memphis	0	0
Mt. Clemens	0	0
New Baltimore	0	0
New Haven	0	0
Ray Township	0	0
Richmond Township	0	0
Richmond City	0	0
Romeo	0	0
Roseville	0	0
St. Clair Shores	0	0
Shelby Township	1	1
Sterling Heights	1	1
Utica	0	0
Warren	0	0
Washington Township	0	0
<b><u>Total #</u></b>	<b>12</b>	<b>12</b>

**5 HIGHEST E. COLI SURFACE WATER SAMPLING SITES**  
**(January, 2009)**

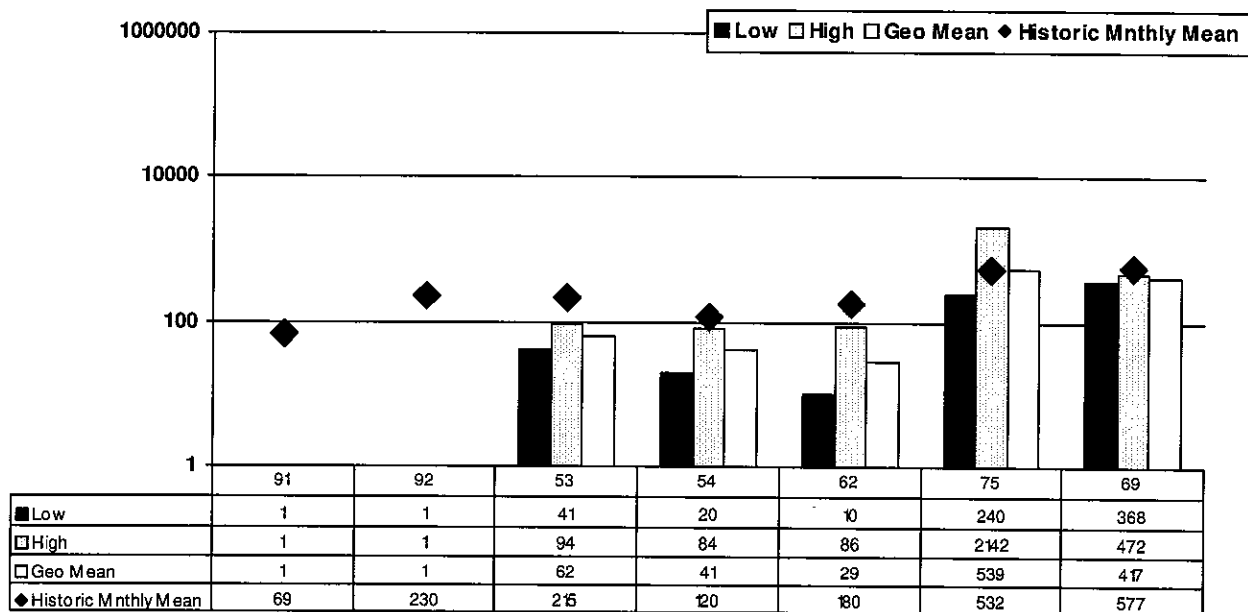
<b>Sample #</b>		<b>Location</b>	<b>E. coli/100 mL</b> <b>(Geo Mean)</b>
1	55	Red Run at Utica Road	4,067
2	56	Red Run Drain at 14 Mile Road	2,284
3	83	Clinton River at YMCA	2,247
4	72	Sterling Relief Drain Behind Freedom Hill	817
5	82	Bear Creek at Old 13 Mile Road	544

**Macomb County Health Department  
Environmental Health Services Division  
Monthly Compare Results  
1/1/2009 -1/31/2009**

**Clinton River Main Branch Watershed-EAST**

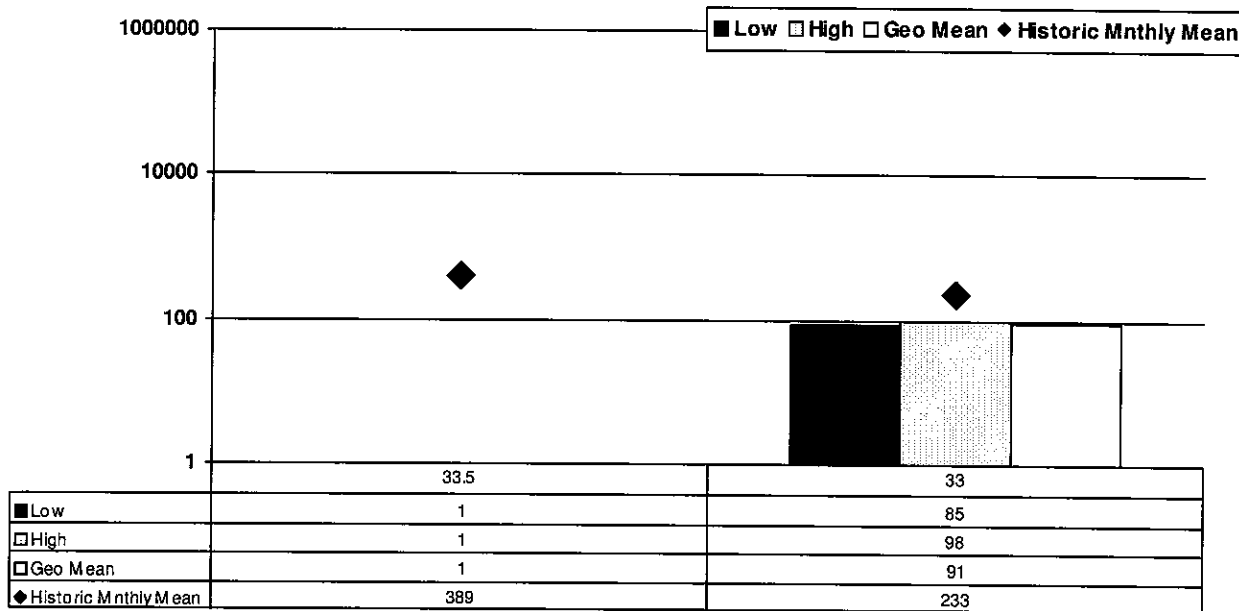


**Clinton River Main Branch Watershed-WEST**

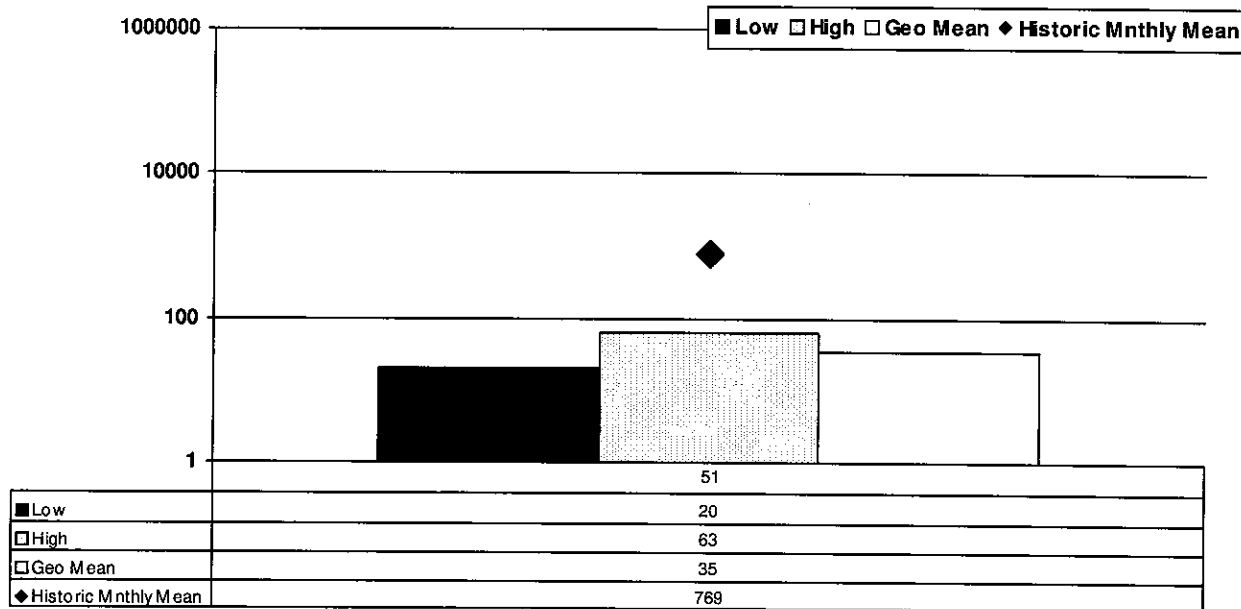


**Macomb County Health Department  
Environmental Health Services Division  
Monthly Compare Results  
1/1/2009 -1/31/2009**

**Clinton River Middle Branch Watershed**

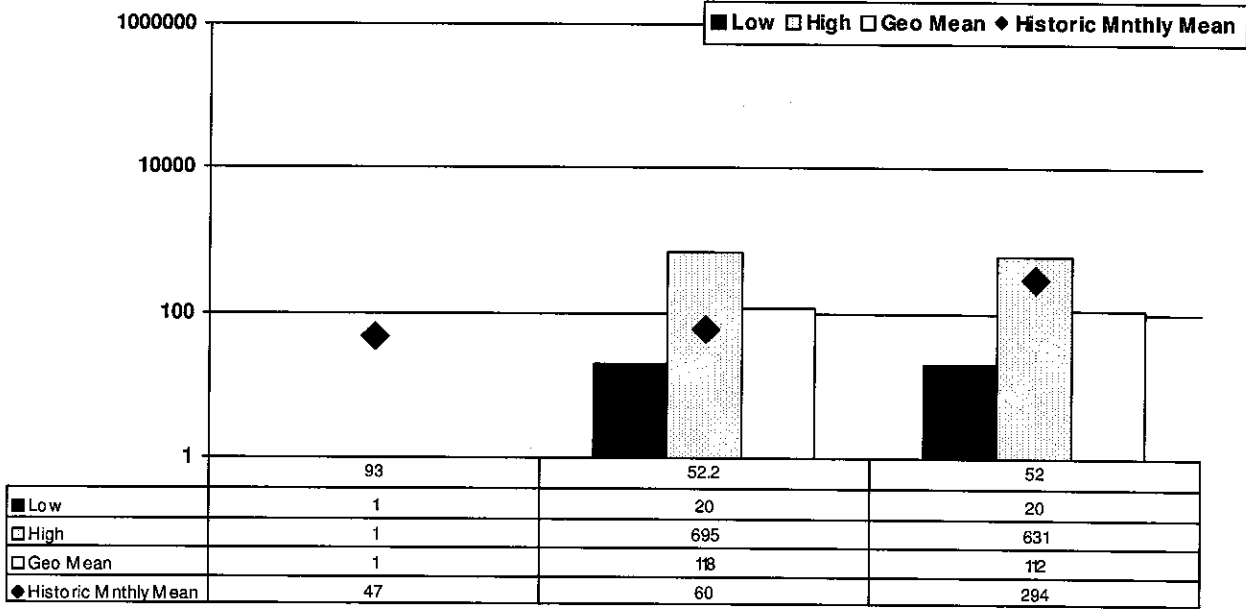


**Clinton River North Branch Watershed-EAST**

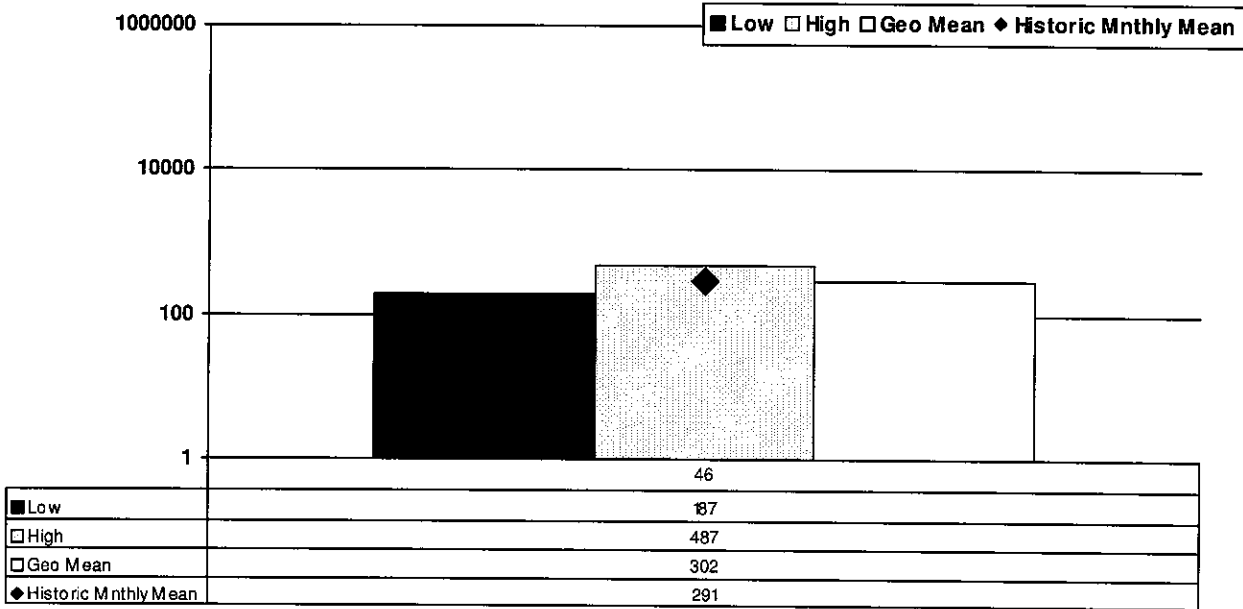


**Macomb County Health Department  
Environmental Health Services Division  
Monthly Compare Results  
1/1/2009 -1/31/2009**

**Clinton River North Branch Watershed-WEST**



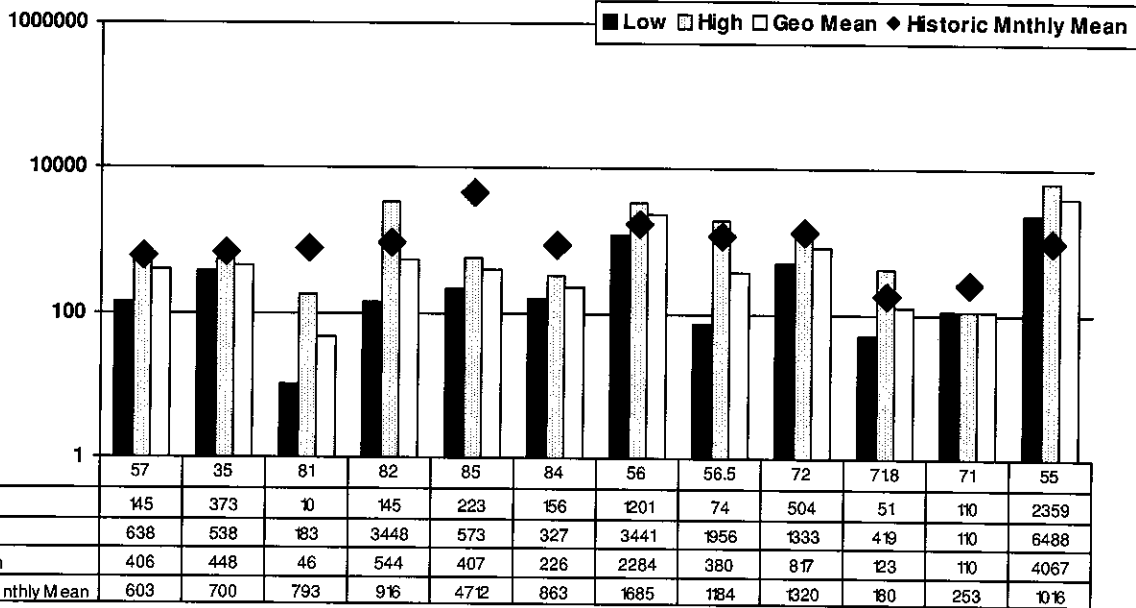
**Other: Salt River, Milk River, Crapauo Creek**





**Macomb County Health Department  
Environmental Health Services Division  
Monthly Compare Results  
1/1/2009 -1/31/2009**

**Red Run Drain/Bear Creek Watershed**



**Macomb County Health Department  
Environmental Health Services Division  
Retention Basin/Combined Sewer/Sanitary Sewer Overflows  
1/1/09 through 1/31/09**

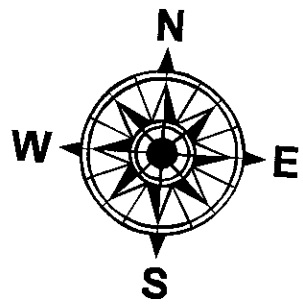
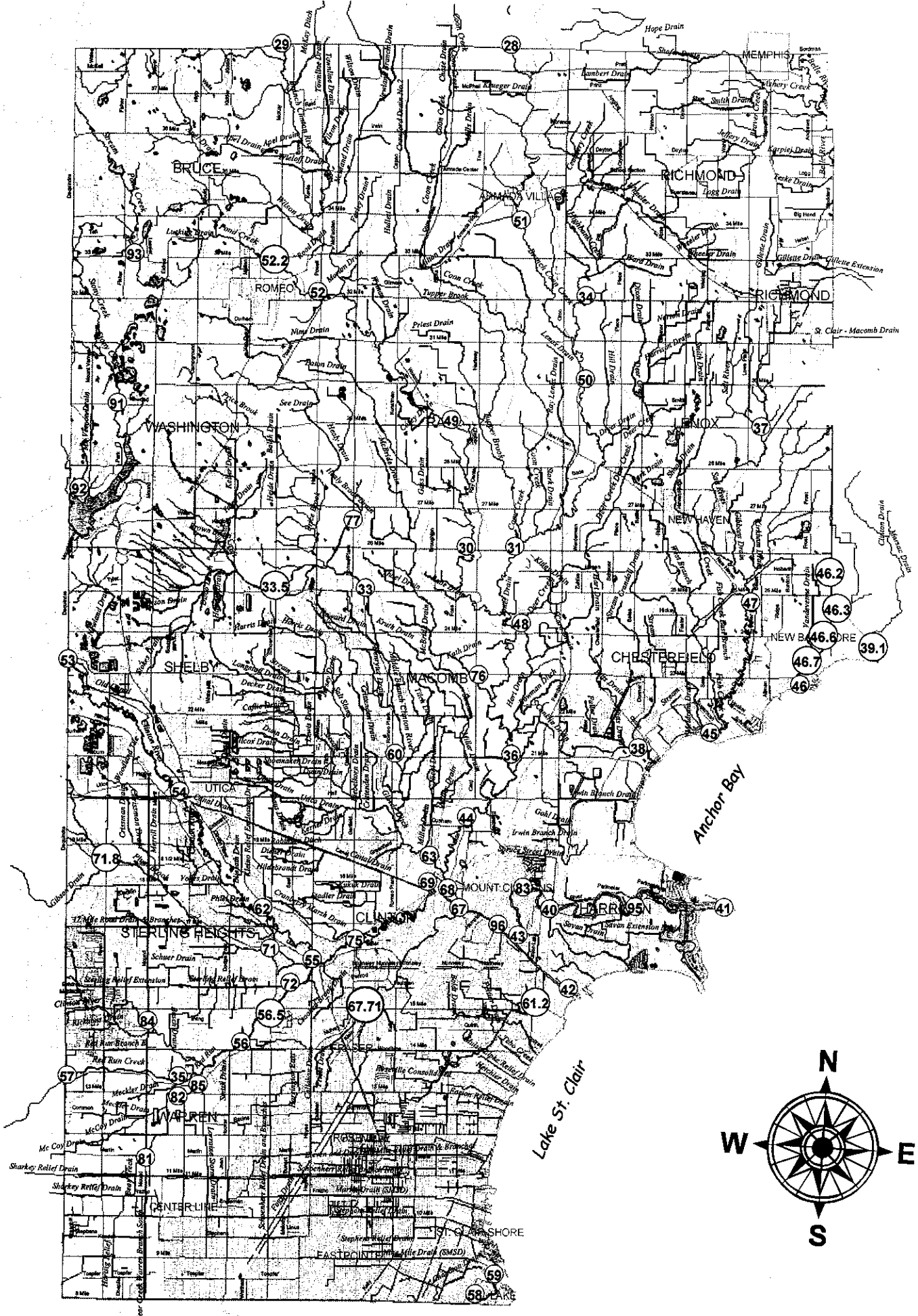
<b>Start</b>	<b>Start Time</b>	<b>End</b>	<b>End Time</b>	<b>Hours</b>	<b>Gallons</b>	<b>Receiving Water</b>	<b>Meets NPDES</b>	<b>Precipitation</b>	<b>Type</b>
<b>Total all locations</b>					<b>0</b>				

**MACOMB COUNTY HEALTH DEPARTMENT  
 ENVIRONMENTAL HEALTH SERVICES DIVISION  
 SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM  
 SURFACE WATER SAMPLING SITES**

<b>Sample #</b>	<b>Location</b>
<b>Clinton River Main Branch Watershed - EAST</b>	
68	Clinton River at Moravian Road Bridge
67.71	Sweeney Drain at 15 Mile Road
67	Harrington Drain at Harrington Road
96	Clinton River Spillway at Shadyside Park Bridge
83	Clinton River at Mt. Clemens YMCA Dock
40	Clinton River at I-94
95	Clinton River at Albatross Docks
41	Clinton River at DNR Site
43	Clinton River Spillway at the Weir
61.2	Clinton-Harrison Relief Drain At Shook Road
42	Clinton River Spillway at Jefferson Avenue
<b>Clinton River Main Branch Watershed - WEST</b>	
91	Stony Creek at Inwood Road
92	Stony Creek West Branch at Stony Creek Road
53	Clinton River at Dequindre Road
54	Clinton River at Auburn Road
62	Clinton River at Kleino Road
75	Clinton River at Garfield Road
69	Canal Drain at Clinton River Road
<b>Clinton River Middle Branch Watershed</b>	
33.5	Middle Branch Clinton River at Schoenherr Road
77	Healy Brook Drain at Romeo Plank Road
33	Middle Branch Clinton River at 25 Mile Road
60	Middle Branch Clinton River at 21 Mile Road
63	Middle Branch Clinton River at Heydenreich Road
<b>Clinton River North Branch Watershed - EAST</b>	
51	East Branch Coon Creek at North Avenue
34	Highbank Drain at 32 Mile Road
50	East Branch Coon Creek at 30 Mile Road
31	East Branch Coon Creek at 26 Mile Road
48	Deer Creek at North Avenue
76	McBride Drain at Card Road
36	North Branch Clinton River at 21 Mile Road
44	North Branch Clinton River at Little Street
28	East Branch Coon Creek at Boardman Road
<b>Clinton River North Branch Watershed - WEST</b>	
93	East Pond Creek at 33 Mile Road
52.2	East Pond Creek at M-53
52	East Pond Creek at Powell Street
29	North Branch Clinton River at Boardman Road
49	North Branch Clinton River at 29 Mile Road
30	North Branch Clinton River at 26 Mile Road

**MACOMB COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES DIVISION  
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM  
SURFACE WATER SAMPLING SITES**

<b>Sample #</b>	<b>Location</b>
<b>Other: Salt River, Milk River, Crapeau Creek</b>	
37	Salt River at 29 Mile Road
47	Salt River at Washington Street
45	Salt River at Jefferson Avenue
58	Milk River at Alger Street
59	Milk River at Clairwood Street
46.2	County Line Road Drainage Ditch at Hobarth Road
46.3	Crapeau Creek at County Line Road
46.6	Vanderbenne Drain at Fox Point Street
46.7	Crapeau Creek at Ashley Street
46	Crapeau Creek at Main Street
39.1	Marsac Drain at M-29
38	River Voss at Jefferson Avenue
<b>Red Run Drain/Bear Creek Watershed</b>	
57	Red Run Drain at Dequindre Road
35	Red Run Drain at Van Dyke Avenue
81	Bear Creek at Mound Road
82	Bear Creek at Old 13 Mile Road
85	Lorraine Drain at Bear Creek
84	Beaver Creek at Mound Road
56	Red Run Drain at 14 Mile Road
56.5	Schoenherr Relief Drain at Red Run Drain
72	Sterling Relief Drain behind Freedom Hill Park
71.8	Plumbrook Drain at Ryan Road
71	Plumbrook Drain at Schoenherr Road
55	Red Run Drain at Utica Road



# **RECYCLABLE PAPER**

RESOLUTION NO. \_\_\_\_\_

MEETING DATE: \_\_\_\_\_

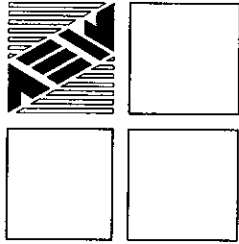
AGENDA ITEM: \_\_\_\_\_

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve Chesterfield Township's request to extend the Meldrum Drain Project, supported by Environmental Problems: Lake/River Fund through June, 2009

INTRODUCED BY: Commissioner Dana Camphous Peterson, Chairperson, Health and Environmental Services Committee

The Macomb County Board of Commissioners approved an expenditure of \$40,000 from the Environmental Problems: Lake/River Fund for sediment and debris removal from the Meldrum Drain in Chesterfield Township. Approval was granted June 2007. The Township is requesting an extension to complete the project.



**ANDERSON, ECKSTEIN AND WESTRICK, INC.**

51301 Schoenherr Road, Shelby Township, Michigan 48315  
Civil Engineers • Surveyors • Architects 586-726-1234

**RECEIVED**

FEB 13 2009

MACOMB COUNTY  
HEALTH DEPT.

February 11, 2009

Thomas J. Kalkofen  
Director / Health Officer  
Macomb County Health Department  
Mount Clemens Health Center  
43525 Elizabeth Road  
Mount Clemens, Michigan 48043

Reference: Meldrum Drain Sediment Removal  
AEW Project No. 126-531

Dear Mr. Kalkofen:

As you are aware, the Macomb County Board of Commissioners approved an Environmental Lake and River Fund grant for the Charter Township of Chesterfield on June 14, 2007 in the amount of \$40,000.00 to remove sediment and debris from the Meldrum Drain.

Our office has completed the design and received the required permits for this project and we are working, in conjunction with the office of the Macomb County Public Works Commissioner's Office, to finalize contract documents for bidding the above referenced project. We anticipate publicly opening bids in mid-March with construction to begin shortly thereafter. Once a contractor has been awarded the contract we will obtain and forward a schedule for construction to your office.

Based on our earlier discussion we trust this correspondence and schedule are acceptable to your office and the Township will be granted an extension of the request for payment deadline. Please confirm your concurrence to this request.

Sincerely,

Gordon B. Wilson, PE

cc: Michael Lovelock, Supervisor  
Joseph Gayeski, DPW Superintendent  
Kelly Kaufman, MCPWCO

o:\126\126-531\letters\kalkofenjmr090210.docx



**From:** "Nancy Shirkey" <nshirkey@aewinc.com>  
**To:** Tom.Kalkofen@macombcountymi.gov; mlovelock@chesterfieldtp.org  
**Date:** 2/26/2009 5:22:17 PM  
**Subject:** FW: Meldrum Creek Advertisement

Good Evening,

FYI - The bid opening date for the Meldrum Creek Dredging in Chesterfield has been set for March 19 by the Office of Macomb County Public Works Commissioner. Work is expected to begin shortly after that.

If you have any questions or concerns, please do not hesitate to call.

Thank you,

Nancy E. Shirkey, PE  
Senior Project Engineer

Anderson, Eckstein, and Westrick, Inc.  
51301 Schoenherr Road, Shelby Twp., MI 48315  
Phone: 586-726-1234 Fax No: 586-726-8780  
E-mail: nshirkey@aewinc.com

Engineering Strong Communities

Please consider the environment before printing this email.

-----Original Message-----

From: William Misterovich [mailto:William.Misterovich@macombcountymi.gov]  
Sent: Thursday, February 26, 2009 10:42 AM  
To: Nancy Shirkey  
Cc: Kelly Kaufman; Robert Sinnamon  
Subject: Re: Meldrum Creek Advertisement

The bid date is March 19, 2009 at 10 a.m. Attached is revised ad. I made a few minor edits. I removed the references as to when the proposals will be ready for review and pickup. I presume they will be ready when the ad first appears. You will publish in the Michigan Contractor. We will publish in the Macomb Daily.

William Misterovich  
Chief Deputy Macomb County  
Public Works Commissioner  
21777 Dunham Road  
Clinton Township, Michigan 48036  
586-307-8210; Fax 586-469-5933  
william.misterovich@macombcountymi.gov

>>> "Nancy Shirkey" <nshirkey@aewinc.com> 2/25/2009 8:08 AM >>>  
Hi Bill,

I talked to Kelly Kaufman yesterday, and he informed me that you had received Chesterfield's commitment to proceed with the Meldrum Dredging project. Attached is the advertisement for your review and completion.

Since the project must be completed before the beginning of May, based on the MDEQ's prohibition of

working after that date, we should open bids and award the project by no later than the end of March.

Please call if you have any questions.

Thanks,

Nancy E. Shirkey, PE  
Senior Project Engineer

Anderson, Eckstein, and Westrick, Inc.

51301 Schoenherr Road, Shelby Twp., MI 48315  
Phone: 586-726-1234 Fax No: 586-726-8780  
E-mail: [nshirkey@awinc.com](mailto:nshirkey@awinc.com) <<mailto:nshirkey@awinc.com>>

Engineering Strong Communities

P Please consider the environment before printing this email.

CC: [gwilson@awinc.com](mailto:gwilson@awinc.com)

## ADVERTISEMENT FOR BIDS

MACOMB COUNTY PUBLIC WORKS COMMISSIONER  
ANTHONY V. MARROCCO  
MELDRUM CREEK SEDIMENT REMOVAL  
CHARTER TOWNSHIP OF CHESTERFIELD  
AEW Project #126-531

Sealed proposals for the Meldrum Creek Sediment Removal Project will be received by Macomb County Public Works Commissioner Anthony V. Marrocco, 21777 Dunham, Clinton Township, Michigan 48036 until 10:00 A.M. on March 19, 2009, at which time the bids will be publicly opened and read aloud.

The project includes approximately 1,199 CY of dredging and restoration of an existing open drain located east of Home Drive, south of Jefferson Avenue in the Charter Township of Chesterfield and miscellaneous work. Plans and specifications are on file at the Macomb County Public Works Office. Copies may be obtained from Anderson, Eckstein and Westrick, Inc., 51301 Schoenherr Road, Shelby Township, Michigan 48315 (586) 726-1234. A non-reimbursable check payable to Anderson, Eckstein and Westrick, Inc. in the amount of \$30.00 must be deposited for each set of documents obtained. Bid documents may be obtained by overnight delivery service for an additional fee of \$15.00 in the form of a non-reimbursable check made payable to Anderson, Eckstein and Westrick, Inc.

A certified check or bank draft payable without condition to the Macomb County Treasurer, or a satisfactory bid bond executed by the bidder and a surety company in an amount of 5% of the proposal amount shall be submitted with each bid, as a guarantee of good faith. No bid may be withdrawn for 90 calendar days after receipt of bids. The right to accept any proposal, to reject any or all proposals, and to waive defects in the proposals is reserved by the Owner. The successful bidder will be required to furnish satisfactory performance, maintenance and guarantee, labor and material bonds and insurance certificates.

Anthony V. Marrocco  
Macomb County Public Works Commissioner

# **RECYCLABLE PAPER**

RESOLUTION NO. \_\_\_\_\_

MEETING DATE: \_\_\_\_\_

AGENDA ITEM: \_\_\_\_\_

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize the Health Department to accept a Michigan Department of Environmental Quality grant in the amount of \$192,000.00 for dye testing.

INTRODUCED BY: Commissioner Dana Camphous-Peterson, Chairperson, Health and Environmental Services Committee

The Macomb County Health Department requests authorization to accept a grant in the amount of \$192,000.00 from the Michigan Department of Environmental Quality for an Illicit Discharge Elimination Project. This project, which will be conducted jointly by the Macomb County Health Department and the Macomb County Office of Public Works, includes performing dye tests to identify and eliminate illicit discharges into our local waterways. There is a 25% in-kind match required for this grant.

COMMITTEE/MEETING DATE

Health and Environmental Services – March 19, 2009

\_\_\_\_\_  
\_\_\_\_\_

# **RECYCLABLE PAPER**

RESOLUTION NO. \_\_\_\_\_

MEETING DATE: \_\_\_\_\_

AGENDA ITEM: \_\_\_\_\_

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize the Health Department to submit grant applications to the Michigan Department of Environmental Quality for Clinton River Expanded Monitoring, Lake St. Clair Shoreline Monitoring, and Pharmaceuticals/Personal Care Products Monitoring totaling \$73,947.41.

INTRODUCED BY: Commissioner Dana Camphous-Peterson, Chairperson, Health and Environmental Services Committee

We have submitted the following grant applications:

Clinton River Expanded Monitoring	\$32,526.45
Lake St. Clair Shoreline Monitoring	\$33,391.96
Pharmaceuticals/Personal Care Products Monitoring	\$ 8,029.00

The Health Department became aware of these grant opportunities too late to request prior permission to submit the applications to the Health and Environmental Services Committee. No new staff will be necessary, and there is a 25% in-kind match required for this grant.

COMMITTEE/MEETING DATE

Health and Environmental Services – March 19, 2009  
\_\_\_\_\_  
\_\_\_\_\_

# **RECYCLABLE PAPER**



RESOLUTION NO. \_\_\_\_\_

MEETING DATE: \_\_\_\_\_

AGENDA ITEM: \_\_\_\_\_

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the Health Department's 2009-10 Flu Program Plan

INTRODUCED BY: Commissioner Dana Camphous-Peterson, Chairperson, Health & Environmental Services Committee

Last year the Health Department identified a flu vaccine distributor who was able to guarantee the delivery dates we requested at the time the vaccine was ordered. With certainty of delivery dates we began again to provide vaccine at community outreach locations, and have made significant progress toward the level of community health protection provided in previous years. With the Board's approval, the following plan is recommended for 2009-10:

- Take delivery on or before September 30, 2009 on 1,000 doses of flu vaccine for children 6-35 months of age and 15,000 doses of flu vaccine for adults and older children;
- Begin providing flu shots to County residents approximately October 1, 2009;
- Provide flu shots at outreach clinics as requested by Commissioners, and in other locations (senior centers, community centers, etc.) as requested and as supplies permit.

\_\_\_\_\_  
\_\_\_\_\_

# **RECYCLABLE PAPER**

RESOLUTION NO. \_\_\_\_\_

MEETING DATE: \_\_\_\_\_

AGENDA ITEM: \_\_\_\_\_

## MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and File a report from the Health Department on the 2008-2009 TB Investigation

INTRODUCED BY: Commissioner Dana Camphous-Peterson, Chairperson, Health & Environmental Services Committee

On December 4, 2008 a case of active infectious tuberculosis (TB) was reported to Macomb County Health Department. This "index case" was a 17 year old male who attended Utica High School in Utica and took additional classes at Eisenhower High in Shelby Township. Persons potentially exposed therefore included students, faculty, and staff at both schools as well as other close friends and family members.

With excellent cooperation from the Superintendent and other staff at Utica Community Schools, MCHD compiled a list of 880 persons recommended for skin testing. In the course of two rounds of testing (December 15-18, 2008 and March 2-6, 2009), 747 individuals, or 85% of those listed, were tested at least once.

On the basis of the two rounds of testing, twelve persons were newly identified as having been exposed to TB. All these individuals received chest X-rays to determine whether or not they had active infectious TB, and none did. All were at risk of developing active infectious TB, however, and following standard medical protocols, all have begun a nine-month course of antibiotics to greatly reduce their chances of developing active disease.

This investigation, which affected only about one-tenth of one percent of Macomb County's population, had a significant impact on the Health Department. In order to handle the many administrative and clinical tasks involved, it was necessary to redeploy staff away from their usual duties in Administration, Disease Control, Family Health Services, and even Environmental Health, and into the higher-priority activities of the investigation. Approximately one-third of all personnel were directly involved, expending at least 1,500 hours of unanticipated work. The associated labor costs, plus supplies, materials, mileage, etc., totaled at least \$80,000.00.

Although the Health Department was equal to the task - largely by canceling some regular services - this would not necessarily be the case in the event of a larger investigation, and would definitely not be the case in the event of pandemic influenza or a biological incident.

Health & Environmental Services --- March 19, 2009

---



---

# **RECYCLABLE PAPER**

RESOLUTION NO. \_\_\_\_\_

MEETING DATE: \_\_\_\_\_

AGENDA ITEM: \_\_\_\_\_

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file a progress report from Macomb County Animal Shelter

INTRODUCED BY: Commissioner Dana Camphous-Peterson, Chairperson, Health and Environmental Services Committee

The latest activities at the Macomb County Animal Shelter will be discussed.

# **RECYCLABLE PAPER**

RESOLUTION NO. \_\_\_\_\_

MEETING DATE: \_\_\_\_\_

AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: DECLARE APRIL 20 - 26, 2009 AS PUBLIC HEALTH WEEK IN MACOMB COUNTY AND RECOGNIZE THE EFFORTS OF THE MACOMB COUNTY HEALTH DEPARTMENT IN PREVENTING DISEASE AND PROMOTING HEALTH

INTRODUCED BY: COMMISSIONER DANA CAMPHOUS-PETERSON, CHAIRPERSON HEALTH & ENVIRONMENTAL SERVICES COMMITTEE

A proposed Declaration is attached.

WHEREAS, the Macomb County Health Department and others in Macomb County's public health community are dedicated to the delivery of services in the most appropriate and efficient manner, aware of their responsibility to our most vulnerable citizens, and committed to the prevention of illness and the promotion of good health among all people; and

WHEREAS, the Macomb County Health Department successfully conducted a tuberculosis investigation involving approximately 750 students, faculty, staff and others in two high schools, identifying a number of persons at risk of active disease and thereby reducing the risk of a serious TB outbreak; and

WHEREAS, the Macomb County Health Department through its Environmental Health Services Division has begun to implement and enforce the Regulations Governing Body Art Establishments in Macomb County; and

WHEREAS, the Macomb County Health Department has continued the Lake St. Clair Assessment program to track E.coli counts to help avoid beach closings and Total Maximum Daily Load exceedances; and

WHEREAS, the Macomb County Health Department has actively pursued the formation of a regional governance structure and secure funding mechanism for the Huron-to-Erie Corridor Real-Time Drinking Water Monitoring System; and

WHEREAS, the Macomb County Health Department has continued to improve both efficiency of operations and ability to produce analytical reports at the Medical Examiner's Office by enhancements to the ME software application; and

WHEREAS, the Macomb County Health Department has provided 800MHz radio equipment for Animal Control to improve communication coordination during public health emergencies; and

WHEREAS, the Macomb County Health Department has continued the Cities Readiness Initiative (CRI) program to provide oral medications to 100% of the county population within forty-eight (48) hours in response to an anthrax biological event; and

WHEREAS, the Macomb County Health Department provides low-income Macomb County children and pregnant women with MICHild/Healthy Kids health insurance through public health outreach and case finding efforts, providing them with a medical home and access to quality well child care, immunizations, screening tests, and sick care supervision; and

WHEREAS, the Macomb County Health Department has partnered with Macomb Intermediate School District and MSU Extension Community Coordinated Child Care (4C) in a program by which each newborn and their family in Macomb County will be provided with a packet of information that includes informational brochures and the All-Ways Growing baby book; and

WHEREAS, the Macomb County Health Department within the Women, Infants & Children (WIC) Program, continues the conversion of WIC benefits insurance from paper voucher to EBT Michigan Bridge Card and is implementing the new web-based application MI-WIC which provides a paperless system and allows utilization of the client's electronic records; and

WHEREAS, the Macomb County Health Department encourages women before pregnancy or in early pregnancy to enroll in the long-range (birth to 21) National Children's Study in conjunction with the state's major research universities and the Michigan Department of Community Health, to determine how the environment affects the health and development of children; and

WHEREAS, the Macomb County Health Department through its Dental Program, works collectively with other programs and agencies to provide clinics for special-population clients (e.g, Head Start children and mothers at risk of comorbidity and premature birth); and

WHEREAS, the Macomb County Health Department through its Clinic Program, is developing procedures to transition Vaccines for Children (VFC) providers to the State's Centralized Ordering and Distribution Process as mandated by CDC; and

WHEREAS, the Macomb County Health Department through its Clinic Program, continues to address the County's immunization "pockets of need"; i.e., children lacking 4<sup>th</sup> DTAP, children attending WIC clinics with immunizations not up to date, and the County's adolescent population; and

WHEREAS, the Macomb County Health Department has developed processes and procedures to increase prevalence in Macomb County's school districts of the "Healthy Kids, Healthy Hearts" program; and has improved and updated program content; and

WHEREAS, the Macomb County Health Department has expanded the scope of the Macomb County Breast and Cervical Cancer Screening Program in conjunction with Macomb Health Plan to ensure increased services for women meeting eligibility criteria; and

WHEREAS, the Macomb County Health Department has improved its processes and procedures to ensure monitoring of Partner Counseling and Referral Services within the HIV program;



NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS, SPEAKING FOR AND ON BEHALF OF ALL COUNTY CITIZENS AS FOLLOWS:

That By These Presents, The Macomb County Board of Commissioners hereby proclaim April 20 - 26, 2009 as PUBLIC HEALTH WEEK in Macomb County, and strongly urge all government, educational, scientific, medical and business officials to recognize and celebrate the great dedication, collaboration, and accomplishments of the Macomb County Health Department, and Macomb County's public health community.

Health & Environmental Services --- March 19, 2009

---

---