



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, AUGUST 12, 2010

AGENDA

1. Call to Order
2. Pledge of Allegiance
3. Adoption of Agenda
4. Approval of Minutes dated July 15, 2010 (previously distributed)
5. Public Participation (five minutes maximum per speaker, or longer at the discretion of the Chairperson related only to issues contained on the agenda)
6. Report from Water Quality Board (mailed)
7. S.W.I.M. Team Report for June (mailed)
8. Information from Clinton Township on Progress of Lake/River Fund Project (mailed)
9. Authorize Health Dept. to Pursue External Funding for Construction of Enclosed Area at Animal Shelter (mailed)
10. Authorize Health Dept. to Pursue Memorandum of Understanding with Henry Ford-Macomb Hospital for Use of Space at Medical Examiner's Office (mailed)
11. New Business
12. Public Participation (five minutes maximum per speaker or longer at the discretion of the Chairperson)
13. Adjournment

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

MACOMB COUNTY BOARD OF COMMISSIONERS

Andrey Duzj - District 1
Marvin E. Sauger - District 2
Phillip A. DiMaria - District 3
Tom Moceri - 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
Dan Brown - District 13
Brian Brdak - District 14
Keith Rengert - District 15
Carey Torrice - District 16

Paul Gielegthem
District 19
Chairman

Ed Braley - District 17
Dana Camphous-Peterson - District 18
Irene M. Kepler - District 21
Frank Accavitti Jr. - District 22

Kathy Toeco
District 20
Vice Chair

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. _____

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 & ENVIRONMENTAL SERVICES COMMITTEE

The Macomb County Water Quality Board met on July 13, 2010. A report on the recent activities of the SWIM Team was given. Information included that on overflows and beach closings. Some historical information was provided. The Facebook site for overflow information was shown.

The recent State Legislation regulating phosphorus in dishwasher soaps and the bill currently being considered to regulate phosphorus in fertilizer were discussed. Mr. Joe St. John of the St. Clair Shores Waterfront Environmental Committee reviewed what had been done relative to a sticker program. Mr. Martz provided information on what the Water Quality Board has done on this issue.

Commissioner Vosburg brought the Board up to date on contacts with Detroit regarding the Drinking Water Monitoring Program. She will follow-up with them as soon as possible on this matter. Decisions will have to be made relatively soon regarding the program's continuation if no funding can be secured.

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 June 2010.

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

The June 2010 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 June 2010.

COMMITTEE/MEETING DATE

Health and Environmental Services – August 12, 2010

**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM
MONTHLY REPORT FOR JUNE 2010**

Mission: Monitoring, educational, investigatory and enforcement activities toward achieving the goal of all Macomb County surface waters being in compliance with full body contact standards.

Surface Water Monitoring: 62 sampling locations were monitored this month for *E. coli* indicator bacteria. The monitoring for June indicates that 16% of the sampling locations show improvement over the historical June data. See the attached data summary.

Bathing Beach Monitoring: Monitoring for the 2010-bathing season resumed April 26, 2010 for Blossom Heath Beach and Memorial Park Beach in St. Clair Shores, Metropolitan Beach in Harrison Township, New Baltimore Beach in New Baltimore and the two inland beaches at Stony Creek Metropark in Washington Township. Beaches are monitored twice weekly for compliance with the Total Body Contact Standards contained in Part 125 of the Michigan Public Health Code (P.A. 368, 1978).

Monitoring for the Month of May 2010 (Beaches officially opened Memorial Weekend)

() No Closures at any Beaches.		
(X) Closures at the following Beaches:	<u>Days Closed</u>	<u>Yearly Total</u>
(X) New Baltimore Park	1	1
(X) Metro Beach Metro Park	3	3
(X) SCS Memorial Park	30	35
(X) SCS Blossom Heath Park	30	35
() Stony Creek Baypoint	0	0
() Stony Creek Eastwood	0	0

SWIM Team Investigations and IDEP Inspections:

	<u>April 2010</u>	<u>Year-To-Date Total</u>
Investigations Initiated	74	556
Cases Referred to Prosecutors Office	0	18
Investigations Resolved		540
	<i>SWIM Team</i>	<i>IDEP Inspections</i>
Open Cases 2010	13	3
Open Cases from 2009	15	5
Open Cases from 2008	5	3
Open Cases from 2007	1	0
Open Cases from 2006	2	12
Open Cases from 2005	2	7
Open Cases from 2004	2	
Open Cases from 2003	2	

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

Education and Public Information:

A display was set up at the Senior Fun Festival on June 16 at the Gibraltar Trade Center. Staff was on hand to answer questions from the public. Fifteen Water Quality and Household Hazardous Waste Presentations were given to 420 students at the following locations:

7 th - 8 th Grade	Eastland Middle School	Roseville
7 th Grade	Davis Jr. High School	Utica

**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM
MONTHLY REPORT FOR JUNE 2010**

SWIM TEAM INVESTIGATIONS

<u>Municipality</u>	June-10 <u>SWIM</u> <u>Investigations</u> <u>Initiated</u>	June-10 <u>IDEP</u> <u>Investigations</u> <u>Initiated</u>	June-10 <u>Year To</u> <u>Date Total</u>
Armada Township	0	0	0
Armada Village	0	0	1
Bruce	0	0	2
Center Line	0	0	0
Chesterfield	1	0	2
Clinton	1	41	431
Eastpointe	0	0	0
Fraser	0	0	0
Harrison	2	0	3
Lenox	0	0	0
Macomb	0	0	2
Memphis	0	0	0
Mt. Clemens	1	0	1
New Baltimore	0	0	0
New Haven	0	0	1
Ray	1	0	1
Richmond Township	0	0	2
Richmond	0	0	0
Romeo	0	0	1
Roseville	0	0	0
St. Clair Shores	0	0	1
Shelby	1	0	13
Sterling Heights	0	24	88
Utica	0	0	0
Warren	0	0	3
Washington	2	0	4
<u>Total #</u>	9	65	556

MACOMB COUNTY
BATHING BEACH CLOSURE DATES
(June, 2010)

Metro Beach

6/2/10 – 6/3/10
6/9/10 – 6/11/10
6/16/10 – 6/17/10
3 Days

Blossom Heath

6/1/10 – 6/30/10
30 Days

Memorial Park

6/1/10 – 6/30/10
30 Days

New Baltimore

6/9/10 – 6/10/10
1 Day

Stony Creek - Eastwood

NONE

Stony Creek - Baypoint

NONE

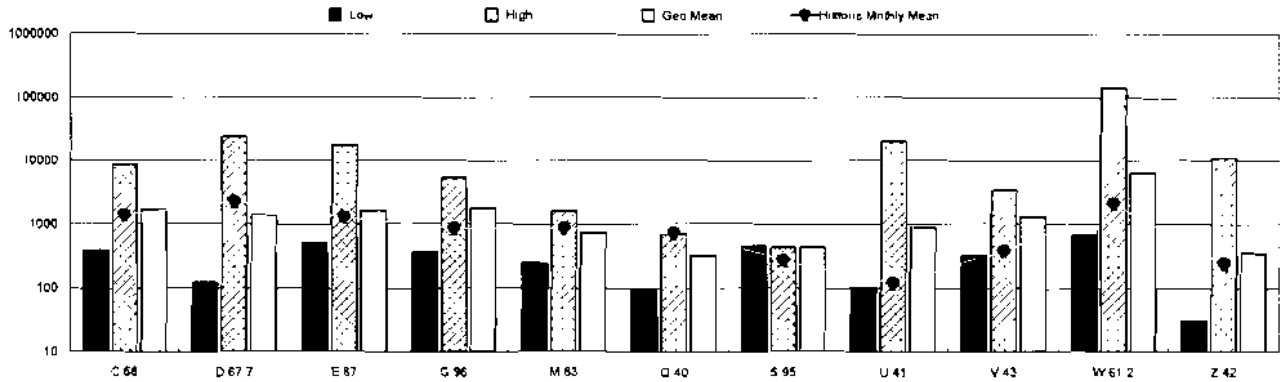
Total Beach Closures: 64 Days

**5 HIGHEST E. COLI SURFACE WATER SAMPLING SITES
(June, 2010)**

	Sample #	Location	E. coli/100 mL (Geo Mean)
1	82	Bear Creek at Old 13 Mile Road	12,143
2	57	Red Run at Dequindre	9,916
3	61.2	Clinton-Harrison Relief Drain at Shook Road	6,288
4	35	Red Run at Van Dyke	5,219
5	85	Lorraine Drain at Bear Creek	4,983

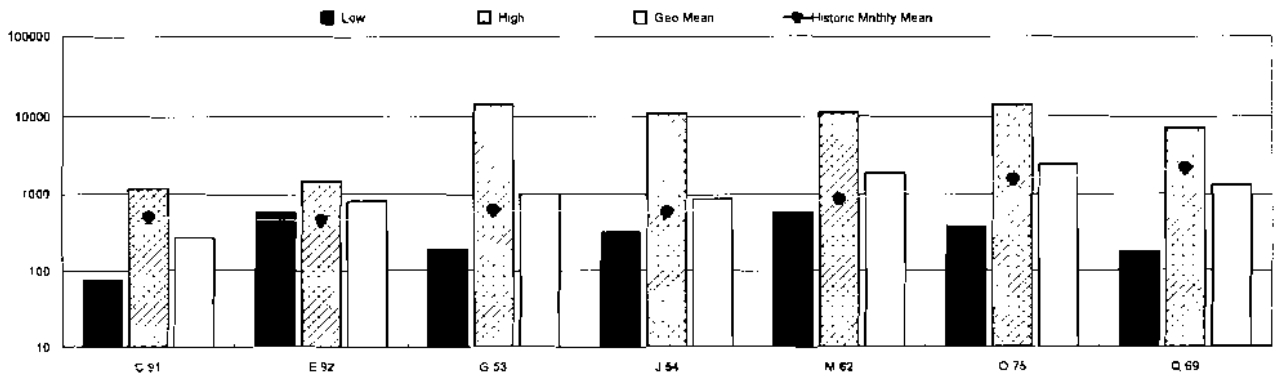
**Macomb County Health Department
Environmental Health Services Division
Monthly Watershed E. coli Results
06/01/2010 - 06/30/2010**

Clinton River Main Branch Watershed - East



Sample Site	Low	High	Geo Mean	Historic Monthly Mean
68	389	8694	1659	1371
67 7	122	24192	1380	2207
67	512	17329	1628	1280
96	359	5172	1732	841
83	242	1616	736	874
40	98	703	315	710
95	441	441	441	273
41	104	1883	882	118
43	314	3448	1315	374
61 2	683	141360	6288	2082
42	31	11199	349	238

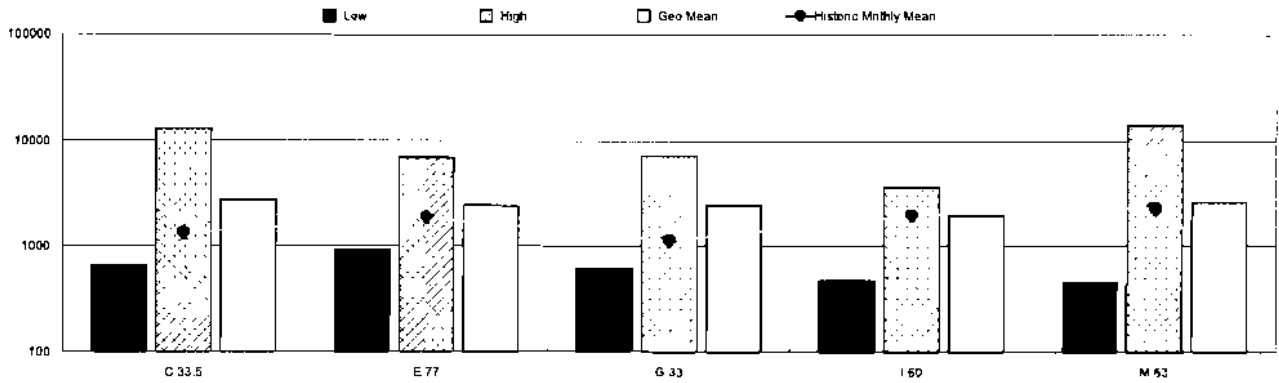
Clinton River Main Branch Watershed - West



Sample Site	Low	High	Geo Mean	Historic Monthly Mean
91	73	1178	267	493
92	581	1483	802	448
53	185	14136	1018	623
54	314	11199	879	572
62	573	11200	1907	853
75	373	14136	2483	1583
69	171	7270	1347	2212

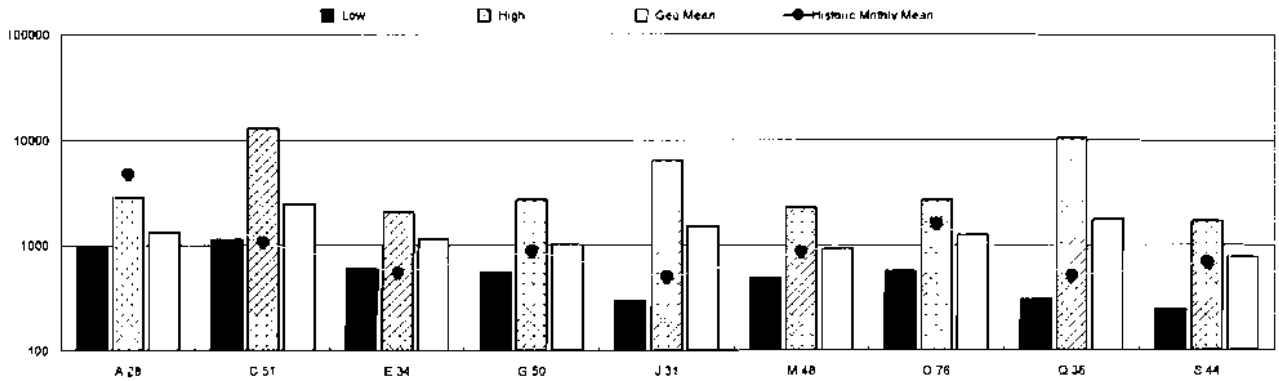
**Macomb County Health Department
Environmental Health Services Division
Monthly Watershed E. coli Results
06/01/2010 - 06/30/2010**

Clinton River Middle Branch Watershed



Sample Site	Low	High	Geo Mean	Historic Monthly Mean
33.5	644	12997	2717	1332
77	908	6867	2436	1871
33	620	7270	2478	1132
60	472	3654	1969	1961
63	459	14136	2644	2317

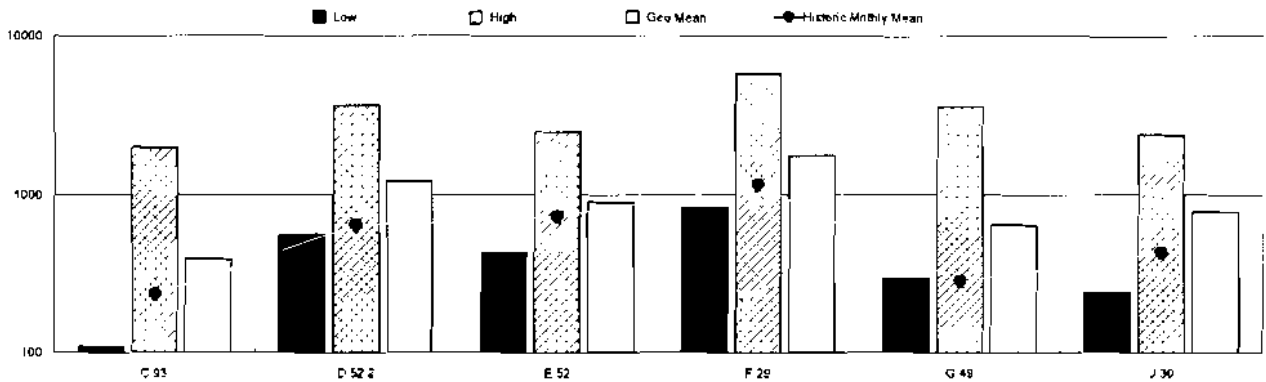
Clinton River North Branch Watershed - East



Sample Site	Low	High	Geo Mean	Historic Monthly Mean
28	959	2851	1329	4705
51	1130	12997	2487	1062
34	609	2063	1148	544
50	554	2723	1027	869
31	292	6488	1518	493
48	482	2282	934	860
76	563	2723	1251	1802
36	303	10462	1752	503
44	243	1725	773	683

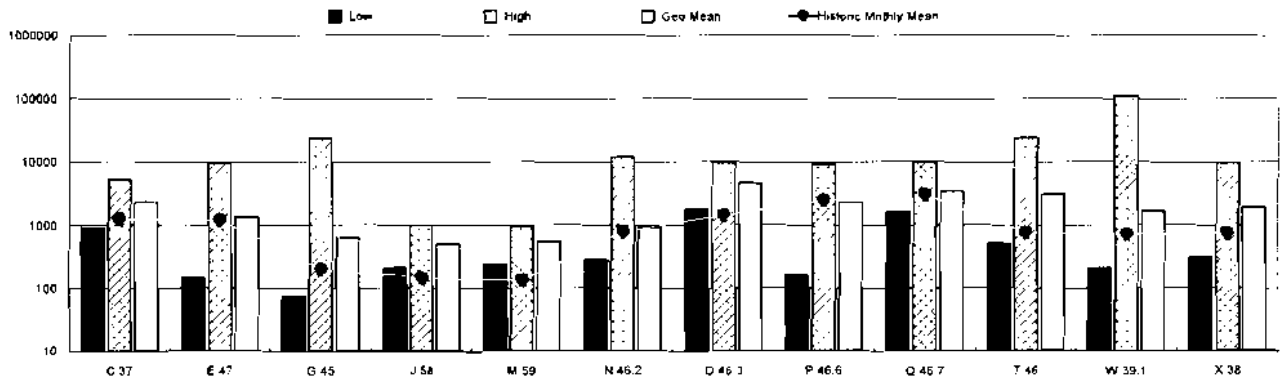
**Macomb County Health Department
Environmental Health Services Division
Monthly Watershed E. coli Results
06/01/2010 - 06/30/2010**

Clinton River North Branch Watershed - West



Sample Site	Low	High	Geo Mean	Historic Monthly Mean
93	108	1989	391	235
52.2	563	3654	1223	640
52	428	2489	897	725
29	636	5794	1766	1144
49	298	3609	642	285
30	242	2382	783	430

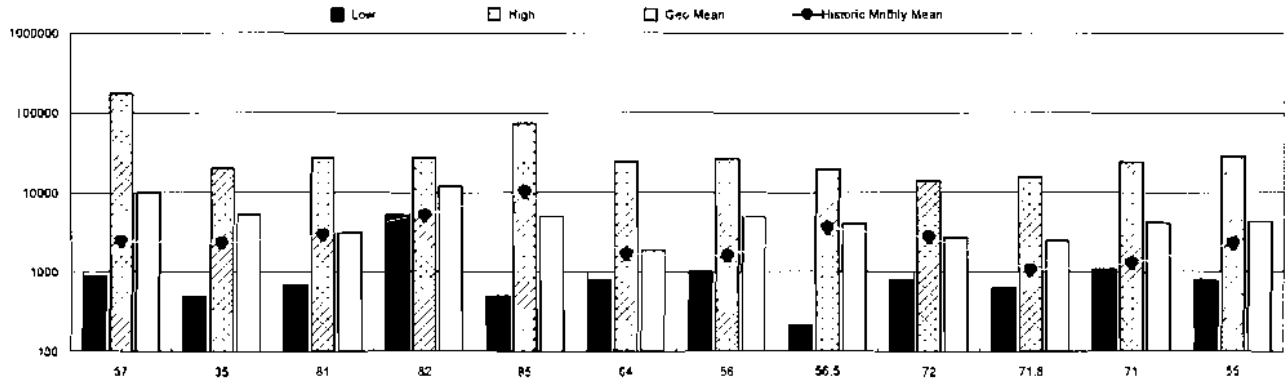
Other: Salt River, Milk River, Crapeau Creek



Sample Site	Low	High	Geo Mean	Historic Monthly Mean
37	668	5172	2319	1260
47	148	9804	1388	1246
45	74	24192	631	199
58	206	1043	502	146
59	238	959	545	134
46.2	278	12033	943	799
46.3	1779	9804	4631	1443
46.6	160	9208	2300	2492
46.7	1607	9804	3417	3038
46	504	24192	3079	784
39.1	208	111990	1660	711
38	299	9804	1945	754

**Macomb County Health Department
Environmental Health Services Division
Monthly Watershed E. coli Results
06/01/2010 - 06/30/2010**

Red Run Drain/Bear Creek Watershed



Sample Site	Low	High	Geo Mean	Historic Monthly Mean
57	882	173290	9916	2445
35	487	19863	5219	2316
81	676	27230	3117	2921
82	5172	27550	12143	5194
85	504	72700	4983	10188
84	805	24192	1882	1680
58	1017	26130	4921	1603
58.5	213	18883	4106	3612
72	805	14136	2712	2751
71.8	624	15531	2482	1057
71	1087	24192	4179	1268
55	789	28510	4329	2278

**Macomb County Health Department
Environmental Health Services Division
Retention Basin/Combined Sewer/Sanitary Sewer Overflows
For the dates : 06/01/2010 through 06/30/2010**

Start Date	Start Time	End Date	End Time	Hours	Receiving Water	Volume (Gallons)	Mass NPDES	Precip Type
CHAPATON RTB								
06/06/2010	02:40 AM	06/06/2010	11:00 AM	8.30	Lake St. Clair	33,100,000	Y	1.59 CSO-T
				Sub Totals for Chapaton Rtb	8.30	33,100,000		
CLINTON - BEACONSFIELD								
06/06/2010	06:38 AM	06/06/2010	08:28 AM	1.80	Clinton River	272,403	N	2.10 SSO
				Sub Totals for Clinton - Beaconsfield	1.80	272,403		
CLINTON - GOLDEN								
06/06/2010	02:30 AM	06/06/2010	04:15 AM	1.75	Clinton River	201,960	N	2.10 SSO
				Sub Totals for Clinton - Golden	1.75	201,960		
CLINTON - KING DRAIN								
06/06/2010	01:08 AM	06/06/2010	08:01 AM	7.00	Clinton River	989,220	N	2.10 SSO
				Sub Totals for Clinton - King Drain	7.00	989,220		
CLINTON - LITTLE MACK								
06/06/2010	01:23 AM	06/06/2010	03:43 AM	2.30	Clinton River	368,200	N	2.10 SSO
				Sub Totals for Clinton - Little Mack	2.30	368,200		
CLINTON - RUTHERFORD								
06/06/2010	02:19 AM	06/06/2010	03:47 AM	1.50	Clinton River	64,860	N	2.10 SSO
				Sub Totals for Clinton - Rutherford	1.50	64,860		
FRASER								
06/06/2010	01:00 AM	06/06/2010	07:00 AM	6.00	Sweeney Drain	364,092	N	1.79 SSO
				Sub Totals for Fraser	6.00	364,092		
MARTIN RTB								
06/06/2010	03:18 AM	06/06/2010	10:50 AM	7.50	Lake St. Clair	16,440,000	Y	1.67 CSO-T
				Sub Totals for Martin Rtb	7.50	16,440,000		

Macomb County Health Department
Environmental Health Services Division
Retention Basin/Combined Sewer/Sanitary Sewer Overflows
For the dates : 06/01/2010 through 06/30/2010

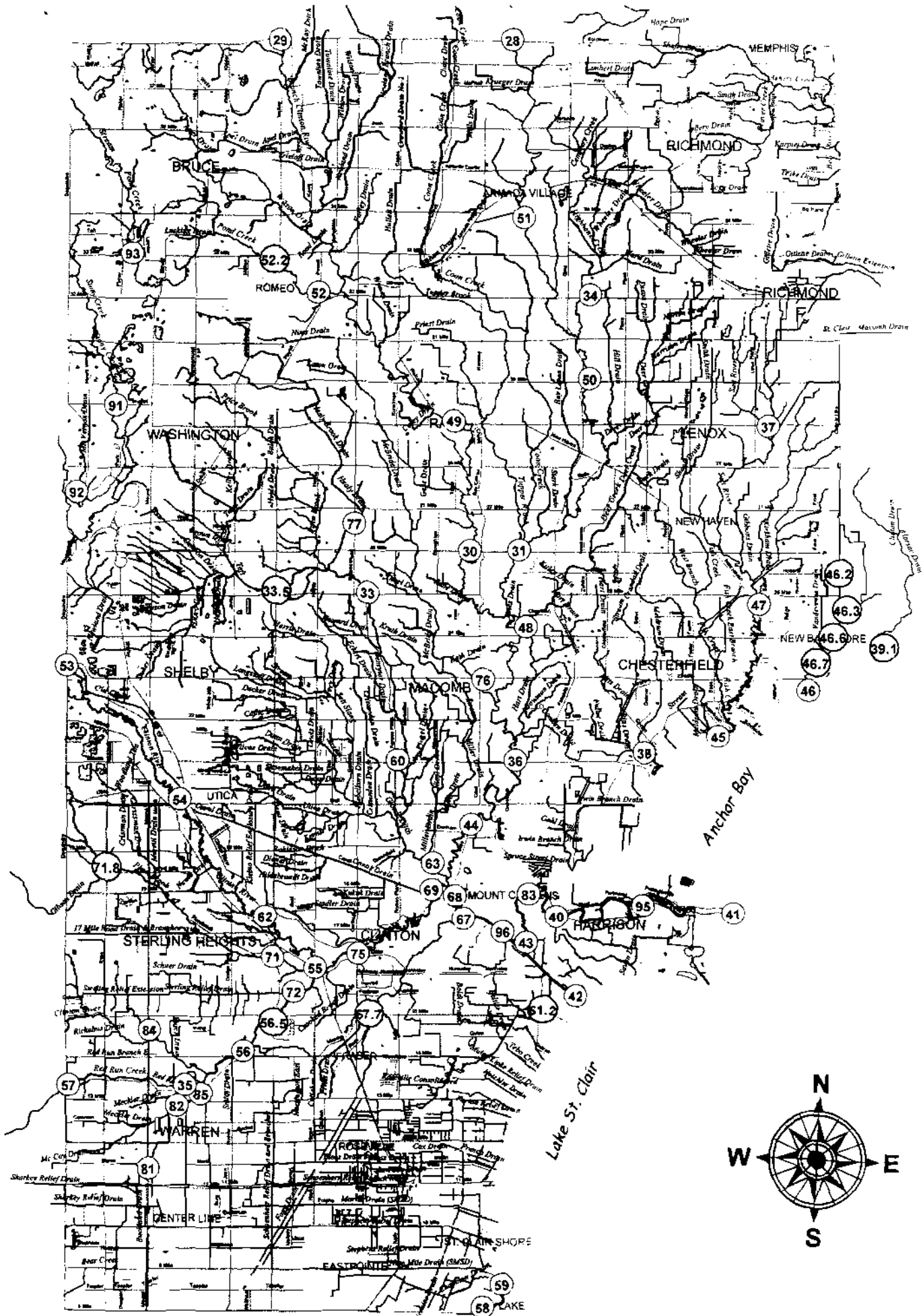
Start Date	Start Time	End Date	End Time	Volume	Receiving Water	Volume (Gallons)	Main NPDES	Precip Type
MILK RIVER RTB								
06/06/2010	01:49 AM	06/06/2010	11:04 AM	3.53	Lake St. Clair	45,154,800	Y	2.25 CSO-T
Sub Totals for Milk River Rtb				3.53		45,154,800		
SOCSDS RTB								
06/06/2010	01:51 AM	06/06/2010	09:50 AM	8.00	Red Run Drain	358,000,000	Y	1.90 CSO-T
Sub Totals for Socstds Rtb				8.00		358,000,000		
Total all locations				47.68		454,935,535		

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

Sample #	Location
Clinton River Main Branch Watershed - EAST	
68	Clinton River at Moravian Road Bridge
67.7	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
Clinton River Main Branch Watershed - WEST	
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
Clinton River Middle Branch Watershed	
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
Clinton River North Branch Watershed - EAST	
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
38	North Branch Clinton River at 21 Mile Road
44	North Branch Clinton River at Little Street
28	East Branch Coon Creek at Boardman Road
Clinton River North Branch Watershed - WEST	
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**

Sample #	Location
Other: Salt River, Milk River, Crapeau Creek	
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
Red Run Drain/Bear Creek Watershed	
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: Receive and file information from Clinton Township on progress toward completion of their current Lake/River Fund project

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

Clinton Township Engineer Mary Bednar, PE, CFM writes as follows:

“In June 2009, we requested to construct a rain garden in Reid Park with 2007 Lake/River Funds. For numerous reasons, the proposed parking lot that would drain into this rain garden has not been constructed. We are going to bid the parking lot project out in the near future so it will be constructed in the early fall. We are planning on constructing the rain garden shortly after the parking lot being completed with the intention that all work and finalization of the grant to be done by the end of this year. We are looking forward to completing this project and appreciate your continuous support and patience. Please let me know if you have any additional questions or concerns.”

Health & Environmental Services -- August 12, 2010

RECYCLABLE PAPER

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize the Health Department to pursue external funding for construction of an enclosed area at the Animal Shelter to exercise and socialize animals and to facilitate adoptions

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

Construction of an enclosed outdoor exercise area on the open lawn between the Animal Shelter and Dunham Road would enhance the facility significantly. This sort of area would improve the ability of Shelter staff to provide beneficial exercise and socialization to animals at the Shelter, and would also provide potential adopters with an opportunity to interact with adoptable animals in an appropriate outdoor setting.

Following consultation with F&O, we believe that the fenced-in area envisioned could be constructed for a one-time total cost of \$10,000-15,000. The Health Department is requesting Board authorization to pursue external funding for this enhancement.

RECYCLABLE PAPER

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize the Health Department to pursue a Memorandum of Understanding with Henry Ford-Macomb Hospital for utilization of space at the Medical Examiner's Office

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

Henry Ford-Macomb Hospital has contacted the Health Department with a request that they be allowed to store non-Medical-Examiner-case bodies at the morgue when the hospital's storage needs exceed their capacity. A daily fee for such storage would create a new revenue stream for the ME Office. After internal discussions and consultation with Corporation Counsel, the Health Department believes that an MOU can be written which protects the County and its operations sufficiently. With Board support, the MOU will be written and submitted to the County's normal contract approval process.

