

ANNUAL REPORT

OTTAWA COUNTY DRAIN COMMISSIONER

**January 1, 2009
Thru
December 31, 2009**

The activities and programs of this department are brought to you by the Ottawa County Board of Commissioners: Phil Kuyers, Chair, Jim Holtrop, Vice-Chair, Joyce Kortman, Dennis Swartout, Jane Ruiter, Matthew Hehl, Roger Rycenga, Gord Schrottenboer, Don Disselkoen, Robert Karsten, and Jim Holtvluwer

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OTTAWA COUNTY DRAIN COMMISSIONER'S OFFICE

Paul Geerlings, Drain Commissioner
Linda Brown, Chief Deputy
April Abbatoy, Construction & Maintenance Inspector
Mike Munch, Erosion Control Agent
Jon Braxmaier, Erosion Control Inspector
Gail Botbyl, Development Coordinator
Teresa Conrad, Records Processing Clerk II
Michelle Wittingen, Secretary

**DEPARTMENTAL ACTIVITY NARRATIVE
OTTAWA COUNTY DRAIN COMMISSIONER'S OFFICE**

Service Provided by the Drain Commissioner

The following are responsibilities mandated by Statute:

The Drain Commissioner and his staff are responsible for the construction, operation and maintenance of over 800 storm water management systems ("County Drains") in Ottawa County. These systems are designed to provide storm water management, drainage, flood prevention and stream protection for urban and agricultural lands. Construction and maintenance of these County Drains can be accomplished through petition by property owners, resolution or petition by public entities and general maintenance by the Drain Commissioner under Public Act 40 of 1956, as amended. Typical duties include inspection, enforcement, response and analysis of citizen complaints on drainage problems, construction and maintenance of drains.

The Drain Commissioner is responsible for review and approval of storm water management systems in platted developments under the Michigan Land Division Public Act 591 of 1996 and for private development in response to local government ordinance requirements. The Drain Commissioner has the authority to ensure that county drains and natural water courses, both inside and outside of a plat, be improved or protected to the standards and specifications of the storm water management policy that has been established by the Drain Commissioner.

The Drain Commissioner is responsible for compiling all accounting records of financial activities for county drains and for preparation and distribution of special assessment rolls for reimbursement from property owners or public corporations benefited by construction and maintenance of drains.

The Drain Commissioner is responsible for maintaining safe operation of Water Control Structures, Lake Levels and Emergency Action Plans, should failure occur.

In addition, the Ottawa County Board of Commissioners has designated the office of the Drain Commissioner responsible for the following:

The Drain Commissioner is designated by County Ordinance No. 02-1, as the officer responsible for implementation and enforcement and to establish the system of fees, penalties and civil infraction penalties for violation of the ordinance as authorized by Part 91, Soil Erosion and Sedimentation Control, of the Natural Resource and Environmental Protection Act, No. 451 of the Public Acts of 1994, as amended and the Federal Clean Water Act, including Watershed Management with regard to wetlands, streams and creeks.

The Drain Commissioner is responsible for coordinating all requirements of the Federal Clean Water Act, Phase II, as they pertain to Ottawa County Drains. These requirements include; a Public Education Plan, a Public Participation Plan, an Illicit Discharge and Elimination Plan, a Construction Site Runoff Control Plan, a Post Construction Storm Water Management Plan and a Storm Water Pollution Prevention Initiative.

THE IMPACT OF STORM EVENTS

Ottawa County experienced extreme rain events throughout 2008 which continued into 2009. The most significant damage to our drainage systems occurred with the June 19 storm event. Damage to county drains was estimated to be approximately \$600,000.00. Unfortunately, we were not able to acquire federal funding to assist with these costs.

The table below shows the total number of drainage complaints/inspection requests that came into the Drain Office in 2009. The 752 requests far exceed the 484 requests received in 2008 which was a record year.

Phone Calls Received in 2009

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Allendale	1	7	7	7	5	1	0	1	2	1	1	0	33
Blendon	1	2	11	11	9	2	1	0	1	1	3	0	42
Chester	0	0	1	0	1	0	0	0	0	0	1	0	3
Crockery	0	0	4	4	1	0	0	0	0	0	0	0	9
Ferrysburg	0	0	1	0	0	0	0	0	0	0	0	0	1
Georgetown	3	5	17	19	20	9	5	9	3	13	7	0	110
Grand Haven	2	3	10	12	8	1	0	5	2	2	3	0	48
Holland	4	8	21	17	16	50	26	15	14	18	11	3	203
Hudsonville	0	1	1	0	0	1	0	1	0	0	0	0	4
Jamestown	0	2	6	1	1	13	1	2	4	5	2	2	39
Olive	2	4	8	7	2	0	0	2	2	2	1	1	31
Park	3	3	13	8	5	20	9	5	5	4	6	1	82
Polkton	0	0	0	1	0	1	1	0	0	0	2	0	5
Port Sheldon	0	6	8	11	3	0	0	2	1	0	1	0	32
Robinson	1	0	9	11	5	1	1	0	0	0	0	0	28
Spring Lake	1	2	3	6	4	2	1	0	1	3	0	0	23
Tallmadge	1	0	1	5	4	0	0	0	0	1	0	0	12
Wright	0	0	0	4	0	0	0	0	1	0	0	0	5
Zeeland	1	2	5	2	3	6	4	5	3	7	3	1	42
Total	20	45	126	126	87	107	49	47	39	57	41	8	752

The Drain Commissioner and his staff spent an unprecedented amount of time responding to those requests. Miles of drain were walked to ascertain the extent of the damage and determine the solution to any problems that were found.

Along with damage to drains solely within Ottawa County, there were a number of Intercounty Drains between Ottawa and Allegan County that suffered damage. The 24th Street crossing of the Maplewood Intercounty Drain was washed out as well as the 32nd Street crossing of the Ottogan Intercounty Drain. All repairs were able to be completed prior to year end.

2009 STORM DAMAGE



As with the 2008 storm events, the flooding conditions triggered an unusual amount of petition requests for drain improvements. The table below gives a status update to the petition requests shown in our 2008 Annual Report. Public hearings have been held for all but one of the petitions received back with the proper signatures.

2008 Petition Requests						
#	Date	Drain	Township	Recvd. Back	Hearing Held	Project Complete
1	6/10/2008	Essenburg Subd. (New)	Holland			
2	7/6/2008	No. 14 Drain	Holland	X	X	X
3	7/11/2008	Hidden Meadow Drain	Georgetown			
4	7/11/2008	No. 15 & 17 Drain	Holland			
5	7/11/2008	Bareman Drain	Holland			
6	7/11/2008	Harrington Drain	Port Sheldon	X	X	
7	7/15/2008	No. 20 Drain	Zeeland	X	X	X
8	7/16/2008	Munn Drain	Port Sheldon	X	X	
9	9/10/2008	Twelfth Avenue Chp. 20	Georgetown	X	X	X
10	8/1/2008	Van Haitma Drain	Georgetown	X	X	X
11	9/9/2008	Van Haitma Drain	Georgetown	X	X	X
12	8/4/2008	New Drain (152nd Ave)	Park			
13	10/6/2008	Leisure Acres Drain	Park			
14	10/8/2008	Sapphire Lake	Holland	X	X	X
15	12/2/2008	Silver-Way Bentwood Drain	Park	X	X	X
16	12/30/2008	Vincent Drain	Grand Haven	X	X	
17	12/30/2008	Spring Meadows No. 2 Drain	Jamestown	X		

The number of petition requests in 2009 set a new record, as shown below. A new procedure has been put into place to process these requests and subsequent public hearings as quickly as possible. Even with this new procedure in place, the workload of the office will be greatly impacted for the next several years.

2009 Petition Requests						
#	Date	Drain	Township	Recvd. Back	Hearing Held	Project complete
1	1/2/2009	Post Drain	Port Sheldon & Olive	X	X	
2	1/2/2009	Ovens & Sawyer Drain	Olive	X	X	
3	2/4/2009	Harrington Drain	Port Sheldon	X	X	
4	2/18/2009	Cooper Drain	Grand Haven	X	X	
5	2/27/2009	Meadowbrook Drain	Georgetown			
6	3/26/2009	Leisure Acres/New Drain	Park			
7	3/27/2009	Bear Creek Drain	Robinson	X	X	
8	4/20/2009	Rustic Pines Drain	Holland			
9	4/28/2009	Seydell Drain	Blendon			

10	4/30/2009	No. 53 Drain	Park			
11	5/1/2009	Worley Drain	Robinson			
12	5/4/2009	Blueberry	Park	X		
13	5/4/2009	No. 23	Park	X		
14	5/11/2009	Sevey - Brookside Subd. Br.	Allendale	X	X	
15	5/17/2009	Ottawa Creek - Grand Valley Est. Br.	Allendale	X	X	
16	5/18/2009	Chessman Drain	Allendale			
17	5/19/2009	Seydell Drain	Blendon			
18	5/19/2009	Rork Drain	Robinson			
19	5/21/2009	No. 37	Park	X		
20	5/27/2009	Wolf Creek Drain	Robinson			
21	5/29/2009	Hiawatha	Grand Haven,	X		
22	6/1/2009	Benedict/New Drain	Spring Lake			
23	6/2/2009	Bethke	Robinson	X		
24	7/16/2009	DeLeeuw	Holland	X		
25	7/17/2009	Rush Creek	Georgetown	X		
26	7/30/2009	Hearthstone/New Drain	Holland			
27	8/10/2009	Spring Meadows	Jamestown	X		
28	9/8/2009	Country Corners Estates Drain	Holland			
29	9/9/2009	Jones/New Drain	Holland			
30	9/11/2009	Buttermilk Creek	Hudsonville City	X		
31	9/30/2009	Shoemaker Drain	Jamestown			
32	10/6/2009	Wissink/New Drain	Holland	X		
33	10/8/2009	Rose	Zeeland	X		
34	10/19/2009	Park Place Circle/New Drain	Ferrisburg City	X		
35	10/21/2009	Post Br. to Waukazoo, Chp. 20	Park	X		
36	11/2/2009	DeJonge Drain	Olive			
37	11/12/2009	Bareman	Holland	X		
38	11/17/2009	Vandenburg Park Subd/New Drain	Grand Haven			
39	11/18/2009	Whitetail Court	Port Sheldon	X		
40	11/28/2009	Hunter's Creek Br.	Holland	X		
41	11/30/2009	No. 15 & 17	Holland	X		
42	12/1/2009	Brower	Holland	X		

NOTE: Petitions that have been received and public hearings held that are not shown as completed are either in the design phase or are under construction.

REVENUES

Fees

1	Soil Erosion Permit Fees	24,772.50	
2	Development Review Fees	57,807.65	
3	Development Administrative Fees	1,350.00	
	Total Fees	\$83,930.15	\$83,930.15

Assessments

1	8010 Fund	490,322.06	
2	8200 Fund	29,217.42	
3	8300 Fund	0.00	
4	8510 Fund	65,174.39	
	Total Assessments	\$584,713.87	\$584,713.87

Interest Earned

1	Drain Funds (8010, 8200, 8300)	13,665.91	
2	Revolving Maintenance Fund (8040)	483.85	
3	Debt Service Funds (Pooled Funds 8510)	918.49	
4	Lake Boards	1,123.97	
	Total Interest	\$16,192.22	\$16,192.22

Miscellaneous Revenue

1	Spring Lake – Lake Improvement Project	230,234.80	
2	433 Agreements-Future Maintenance	7,630.00	
3	Pre-paid Drain Construction/Maintenance	874,792.49	
4	Development Review Escrow Funds	0.00	
5	Assessment Prepayments	849.71	
6	Note Payment (Dayton - 5 of 10)	9,683.92	
7	Restitution Payments	800.00	
8	Drain Project Plan Fees	1,464.71	
9	NRCS Funding (for 2008 storm events)	392,743.50	
	Total Misc. Revenue	\$1,518,199.13	\$1,518,199.13

TOTAL REVENUE **\$2,203,035.37**

NOTE: The amount shown for pre-paid drain construction/maintenance was extremely high in 2009. This was due to the great volume of work performed and the desire by the municipalities being assessed to pay up front rather than have us borrow on their behalf. The assessment rolls for 2009 are on file in the Drain Office as part of the permanent record for each individual drain.

2009 DRAIN ASSESSMENT REPORT

8010 FUND

ACHTERHOF

Blendon Township	\$3,644.98
Ottawa County	\$157.51
Road Commission	\$157.51
	\$3,960.00

BASS CREEK

Allendale Township	\$300.93
Blendon Township	\$1,291.97
Georgetown Township	491.94
Ottawa County	\$82.58
Road Commission	\$82.58
	\$2,250.00

BAY WOODLANDS

Park Township	\$240.24
Ottawa County	\$34.88
Road Commission	\$34.88
	\$310.00

BAZON

Park Township	\$995.26
Ottawa County	\$57.37
Road Commission	\$57.37
	\$1,110.00

BEECHTREE

Grand Haven Township	\$1,398.28
Ottawa County	\$36.70
Road Commission	\$36.70
CSX Railroad	\$27.34
MDOT	\$80.98
	\$1,580.00

BLACK CREEK OF ZEELAND

Blendon Township	\$1,912.08
Georgetown Township	\$74.40
Holland Township	\$12,093.72
Jamestown Township	\$182.28
Olive Township	\$2,083.20
Zeeland Township	\$10,788.00
Holland City	\$3,548.88
Zeeland City	\$2,544.48
Ottawa County	\$1,080.66
Road Commission	\$1,080.66

BLACKLOCK

Blendon Township	\$682.24
Jamestown Township	\$836.54
Georgetown Township	\$5,373.03
Zeeland Township	\$46.29
Hudsonville City	\$3,269.00
Ottawa County	\$168.08
Road Commission	\$168.08
CSX	123.44
MDOT	354.89
	\$11,021.59

BLAIR

Grand Haven Township	\$3,366.88
Grand Haven City	\$3,602.84
Ottawa County	\$698.64
Road Commission	\$698.64
	\$8,367.00

BLUEBERRY

Park Township	\$3,843.80
Ottawa County	\$1,260.05
Road Commission	\$1,260.05
	\$6,363.90

BLUEBIRD GARDENS

Georgetown Township	\$2,090.75
Ottawa County	\$348.46
Road Commission	\$348.46
	\$2,787.67

BLUFF LAKE

Zeeland Township	\$1,740.38
Ottawa County	\$299.23
Road Commission	\$299.23
	\$2,338.84

BOVEN DAM

Olive Township	\$793.03
Ottawa County	\$42.64
Road Commission	\$42.64
CSX	\$28.43
MDOT	\$40.84
	\$947.58

CSX Railroad	\$156.24
MDOT	\$1,655.40
	\$37,200.00

BROWER

Holland Township	\$1,947.70
Zeeland Township	\$8,135.95
Zeeland City	\$19,415.35
Ottawa County	\$453.03
Road Commission	\$453.03
CSX	\$166.41
MDOT	\$246.54
	\$30,818.01

BUTTERMILK CREEK

Jamestown Township	\$664.63
Hudsonville City	\$2,343.01
Ottawa County	\$79.26
Road Commission	\$79.26
MDOT	\$156.99
	\$3,323.15

CRANBERRY

Holland Township	\$999.00
Olive Township	\$999.00
Park Township	\$999.00
Port Sheldon Township	\$999.00
Ottawa County	\$499.50
Road Commission	\$499.50
	\$4,995.00

CHASE INTERCOUNTY

Chester Township	\$533.52
Ottawa County	\$10.51
Road Commission	\$10.51
	\$554.54

CORY BISHOP

Georgetown Township	\$433.13
Ottawa County	\$24.06
Road Commission	\$24.06
	\$481.25

COUNTRY CORNERS

Holland Township	\$3,597.46
Ottawa County	\$1,150.01
Road Commission	\$1,150.01
	\$5,897.48

BREWER

Port Sheldon Township	\$5,601.96
Ottawa County	619.02
Road Commission	\$619.02
	\$6,840.00

DEWITT

Olive Township	\$10,841.94
Ottawa County	\$609.03
Road Commission	\$609.03
	\$12,060.00

DUNTON

Holland Township	\$301.74
Ottawa County	\$150.88
Road Commission	\$150.88
	\$603.50

EASTWAY & TUBBS

Olive Township	\$75.03
Robinson Township	\$212.53
Ottawa County	\$11.22
Road Commission	\$11.22
	\$310.00

EAST POINT ESTATES

Zeeland Township	\$1,140.95
Ottawa County	\$380.32
Road Commission	\$380.32
	\$1,901.59

FARMERS INTERCOUNTY

Chester Township	\$77.48
Wright Township	\$742.62
Ottawa County	\$91.11
Road Commission	\$91.11
	\$1,002.32

FEDERAL

Holland Township	\$2,115.00
Ottawa County	\$352.50
Road Commission	\$352.50
	\$2,820.00

FIELDSTONE ESTATES

Georgetown Township	\$262.86
Ottawa County	\$64.73
Road Commission	\$64.73
	\$392.32

FOSTER

Robinson Township	\$251.03
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DEWEERD

Georgetown Township	\$1,496.00
Jamestown Township	\$1,173.63
Hudsonville City	\$624.87
Ottawa County	\$245.89
Road Commission	\$245.89
MDOT	\$116.70
	\$3,902.98

HARLEM

Holland Township	\$10,345.80
Olive Township	\$9,197.70
Park Township	\$15,647.70
Port Sheldon Township	\$2,481.10
Ottawa County	\$2,272.55
Road Commission	\$2,272.55
CSX Corp.	\$387.00
MDOT	\$395.60
	\$43,000.00

HICKORYWOODS

Holland Township	\$1,263.57
Ottawa County	\$583.18
Road Commission	\$583.18
	\$2,429.93

HUNTER'S RIDGE

Georgetown Township	\$2,471.35
Ottawa County	\$608.61
Road Commission	\$608.61
	\$3,688.57

IMPERIAL ESTATES

Holland Township	\$176.56
Ottawa County	\$39.22
Road Commission	\$39.22
	\$255.00

IDLEWOOD BEACH

Park Township	\$6,462.87
Ottawa County	\$1,638.11
Road Commission	\$1,638.11
	\$9,739.09

JACKSON & GILBERT

Chester Township	\$119.20
Ottawa County	\$89.93
	\$209.13

KLYNSTRA

Blendon Township	\$825.00
Ottawa County	\$47.50

Ottawa County	\$13.95
Road Commission	\$13.95
	\$278.93

GRISWOLD

Polkton Township	\$5,125.29
Ottawa County	\$157.23
Road Commission	\$157.23
	\$5,439.75

LAMER

Blendon Township	\$3,881.12
Ottawa County	\$239.44
Road Commission	\$239.44
	\$4,360.00

LAMPE SUBD.

Grand Haven Township	\$4,113.00
Ottawa County	\$909.75
Road Commission	\$909.75
	\$5,932.50

LITTLE BASS CREEK

Allendale Township	\$3,788.25
Blendon Township	\$29.53
Ottawa County	\$260.53
Road Commission	\$260.53
	\$4,338.84

LITTLE PIGEON

Grand Haven Township	\$6,267.60
Ottawa County	\$195.07
Road Commission	\$195.07
MDOT	801.91
	\$7,459.65

LITTLE PIGEON (LAKESHORE)

Grand Haven Township	\$333.40
Ottawa County	\$333.30
Road Commission	\$333.30
	\$1,000.00

LOWING COMSTOCK

Georgetown Township	\$4,316.20
Ottawa County	\$322.47
Road Commission	\$322.47
	\$4,961.14

MACATAWA

Park Township	\$14,080.00
Ottawa County	\$2,960.00
Road Commission	\$2,960.00
	\$20,000.00

Road Commission \$47.50
\$920.00

**KNAUF &
TERWILLIGER**

Wright Township \$1,350.64
Ottawa County \$103.68
Road Commission \$103.68
\$1,558.00

KRAAI

Park Township \$1,176.93
Ottawa County \$65.38
Road Commission \$65.38
\$1,307.69

LAKWOOD PARK

Park Township \$593.61
Ottawa County \$197.87
Road Commission \$197.87
\$989.35

NW of ZEELAND

Blendon Township \$197.82
Zeeland Township \$5,914.72
Ottawa County \$282.41
Road Commission \$282.41
\$6,677.36

NO. 3

Holland Township 8312.67
Ottawa County 284.2
Road Commission \$284.20
\$8,881.07

NO. 4 & 43

Holland Township \$2,750.80
Zeeland Township \$1,188.61
Ottawa County \$235.30
Road Commission \$235.30
MDOT \$441.49
\$4,851.50

NO. 8

Holland Township \$9,893.15
Olive Township 2975.38
Ottawa County \$364.48
Road Commission \$364.48
CSX 148.77
MDOT \$1,130.65
\$14,876.91

MAYWOOD PARK

Holland Township \$212.52
Ottawa County \$188.74
Road Commission \$188.74
\$590.00

MEADOWLAND ESTATES

Holland Township \$3,186.30
Ottawa County \$1,201.85
Road Commission \$1,201.85
\$5,590.00

MULDER

Olive Township \$546.62
Ottawa County \$30.29
Road Commission \$30.29
\$607.20

NO. 49

Holland Township \$1,254.56
Olive Township \$570.41
Ottawa County \$101.39
Road Commission \$101.39
\$2,027.75

NO. 52

Holland Township \$5,921.90
Ottawa County \$519.65
Road Commission \$519.65
\$6,961.20

OSBORNE & RAILROAD

Holland Township \$12,784.12
Olive Township 21511.01
Ottawa County \$791.03
Road Commission \$791.03
MDOT 575.96
\$36,453.15

Pine Crest

Holland Township \$398.02
Ottawa County \$106.64
Road Commission \$106.64
\$611.30

PINEWOOD MANOR

Holland Township \$3,116.09
Ottawa County \$232.81
Road Commission \$232.81
\$3,581.71

NO. 20A & 53

Park Township	\$7,769.92
Ottawa County	\$393.63
Road Commission	\$393.63
	\$8,557.18

NO. 23

Park Township	\$4,791.96
Ottawa County	\$214.02
Road Commission	\$214.02
	\$5,220.00

NO. 28

Holland Township	\$2,377.62
Ottawa County	\$149.94
Road Commission	\$149.94
	\$2,677.50

NO. 37

Park Township	10691.95
Ottawa County	706.99
Road Commission	706.99
	\$12,105.93

NO. 40

Holland Township	\$8,224.47
Ottawa County	\$472.20
Road Commission	\$472.20
	\$9,168.87

ROGERS

Allendale Township	\$5,156.78
Ottawa County	\$418.82
Road Commission	\$418.82
MDOT	\$238.08
	\$6,232.50

ROSE

Zeeland Township	\$3,388.97
Zeeland City	2402.77
Ottawa County	\$445.53
Road Commission	\$294.90
MDOT	1265.20
	\$7,797.37

ROSEMA

Spring Lake Township	\$1,118.90
Ottawa County	\$288.20
Road Commission	\$288.20
	\$1,695.30

RANDALL ESTATES

Allendale Township	\$1,333.44
Ottawa County	\$328.39
Road Commission	\$328.39
	\$1,990.22

REMEMBRANCE

Tallmadge Township	\$2,994.92
Ottawa County	\$154.09
Road Commission	\$154.09
MDOT	\$87.13
	\$3,390.23

RILEY RIDGE

Holland Township	\$263.74
Ottawa County	\$85.58
Road Commission	\$85.58
	\$434.90

RIVERHILLS

Holland Township	\$3,130.40
Ottawa County	\$166.95
Road Commission	\$166.95
CSX	\$35.70
	\$3,500.00

TROOST

Olive Township	\$8,909.10
Ottawa County	\$651.15
Road Commission	\$651.15
CSX	\$334.33
MDOT	\$1,144.47
	\$11,690.20

VANDERMOLEN

Georgetown Township	\$4,422.90
Ottawa County	\$158.55
Road Commission	\$158.55
	\$4,740.00

VINKE

Blendon Township	\$1,712.80
Ottawa County	\$83.60
Road Commission	\$83.60
	\$1,880.00

ROSS

Grand Haven	\$1,347.25
Ottawa County	\$79.25
Road Commission	\$79.25
MDOT	\$79.25
	\$1,585.00

SCHOOLSIDE ESTATES

Georgetown Township	\$3,008.37
Ottawa County	\$809.95
Road Commission	\$809.95
	\$4,628.27

SCHREIBER

Port Sheldon Township	\$2,989.13
Ottawa County	\$184.32
Road Commission	\$184.32
CSX	\$173.22
MDOT	\$910.51
	\$4,441.50

SCHULTZ

Grand Haven Township	\$635.66
Grand Haven City	\$1,893.20
Ottawa County	\$35.57
Road Commission	\$35.57
	\$2,600.00

SIXTY-FOURTH AVENUE

Blendon Township	\$2,508.19
Ottawa County	\$452.16
Road Commission	\$452.16
	\$3,412.51

SOUTHWEST BLENDON

Blendon Township	\$2,645.76
Holland Township	\$860.84
Olive Township	\$2,777.86
Zeeland Township	\$91.36
Ottawa County	\$220.84
Road Commission	\$220.84
	\$6,817.50

WINDEMERE

Tallmadge Township	\$82.78
Ottawa County	\$49.22
Road Commission	\$18.00
	\$150.00

VRIEENGA BR. TO MEADOWBROOK

Georgetown Township	\$333.86
Ottawa County	\$29.92
Road Commission	\$29.92
	\$393.70

WARBER

Grand Haven Township	\$447.03
Grand Haven City	\$3,466.08
Ottawa County	\$9.63
Road Commission	\$9.63
CSX	29.50
MDOT	135.63
	\$4,097.50

WAUKAZOO WOODS

Park Township	\$1,249.12
Ottawa County	\$255.10
Road Commission	\$255.10
	\$1,759.32

WENGER

Grand Haven Township	\$8,710.36
Ottawa County	\$362.32
Road Commission	\$362.32
	\$9,435.00

WESTERHOUSE

Spring Lake Township	\$4,643.91
Ottawa County	\$312.17
Road Commission	\$312.17
CSX	\$72.27
	\$5,340.52

WESTWOOD

Holland Township	\$536.68
Ottawa County	\$164.46
Road Commission	\$164.46
	\$865.60

8010 FUND TOTAL**\$490,322.06**

8510 FUND

NUNICA

Crockery Township	\$3,990.13
Crockery Individuals	\$4,413.85
	\$8,403.98

VINCENT

Grand Haven Township	\$37,102.50
Grand Haven Individuals	\$19,667.91
	\$56,770.41

8510 FUND TOTAL

\$65,174.39

8200 FUND

BLACK CREEK WATERSHED

Blendon Township	\$421.48
Georgetown Township	\$16.40
Holland Township	2665.82
Jamestown Township	40.18
Olive Township	\$459.20
Zeeland Township	\$2,378.00
Holland City	\$782.28
Zeeland City	\$560.88
Ottawa County	\$238.21
Road Commission	\$238.21
CSX	\$34.44
MDOT	\$364.90
	\$8,200.00

DEWINDT

Georgetown Township	\$1,176.36
Ottawa County	\$156.82
Road Commission	\$156.82
	\$1,490.00

DRIESENKA

Holland Township	\$396.96
Ottawa County	\$151.52
Road Commission	\$151.52
	\$700.00

RUSH CREEK IMPOUNDMENT

Blendon Township	\$260.00
Georgetown Township	\$1,115.00
Jamestown Township	\$337.50
Hudsonville City	\$397.50
Ottawa County	\$315.00
MDOT	\$75.00
	\$2,500.00

CEDAR

Holland Township	\$44.87
Zeeland Township	\$1,598.47
Zeeland City	\$4,880.31
Ottawa County	\$52.44
Road Commission	\$52.44
MDOT	\$299.47
	\$6,928.00

WATSON

Georgetown Township	\$2,651.73
Ottawa County	\$441.96
Road Commission	\$441.96
	\$3,535.65

CRANFORD

Georgetown Township	\$4,334.50
Ottawa County	\$479.95
Road Commission	\$479.95
MDOT	\$569.37
	\$5,863.77

8200 FUND TOTAL

\$29,217.42

GRAND TOTAL

\$584,713.87

LIABILITIES

Notes - Taken out from 01/01/09 thru 12/31/09

Regular Drains (8010 Fund)	\$0.00
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Total

Notes - Taken out prior to 01/01/09 that are still outstanding on 12/31/09

Regular Drains (8010 Fund)	\$38,000.00
Chapter 20 Drains (8200 Fund)	0.00
Chapter 21 Drains (8300 Fund)	0.00

Total Notes outstanding on 12/31/09	\$38,000.00
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Bond Issues

Vincent Drain (Final payment in 2016)	\$190,000.00
Nunica Drain (Final payment in 2022)	\$74,966.68

Total bonds outstanding on 12/31/09	\$295,733.34
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Revolving Drain Fund	\$168,776.44
Revolving Maintenance Fund	\$53,499.37

TOTAL LIABILITIES	\$556,009.15
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EXPENDITURES

Drain Orders - Issued 01/01/08 thru 12/31/08	\$2,962,875.81
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TOTAL EXPENDITURES	\$2,962,875.81
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NOTE: A list of the drain orders issued that make up the total expenditure amount shown is kept on file in the Drain Commissioner's Office as required by Michigan Drain Code, Act No. 40 of the Public Acts of 1956, as amended.

PUBLIC EDUCATION



Public education is a key component of the Drain Commissioner's Office. A significant part of the education program includes classroom presentations given to help educate students about storm water pollution and the importance of keeping our water clean. The definition of a watershed is discussed and is explained to students that no matter where you live, you live in a watershed. Presentations are given by staff, using an interactive model. The model is used to demonstrate some of the negative impacts that we

have on the environment that become apparent during a storm event. Prevention is also addressed by discussing the importance of filter strips and wetlands. Each student is given a book, made possible by the Macatawa Area Coordinating Council, which reinforces what they have been shown and handouts explaining what they and their parents can do to make a difference in the quality of our lakes and streams. The following classroom presentations were given in 2009:

School District	School	Grade(s)	# of Classes	# of Students
Grand Haven	Griffin	3 rd	3	75
	Robinson	3 rd	3	70
West Ottawa	Lakeshore	3 rd	3	72
	Lakewood	3 rd	3	72
Zeeland Christian	Zeeland Christian	3 rd	5	116
TOTAL			17	405

The Drain Commissioner and staff are active participants in several watershed groups; Lower Grand River Watershed, Macatawa Watershed, Pigeon River Watershed and the Sand Creek Watershed. This includes serving as a member of the organization, sitting on a variety of committees and participating in public awareness projects/events. We feel it is important to work cooperatively to conserve and improve the health of the environment, especially water quality. We have discovered that we must work at a watershed level to solve our diverse water resource problems and believe that a healthy watershed is vital for a healthy community.

DEVELOPMENT REVIEW

The Michigan Land Division Act (Public Act 591 of 1996) requires that the Drain Commissioner be responsible for reviewing the drainage or storm water management system of all platted developments. The Drain Commissioner has the authority to ensure that established drains and natural water courses, both inside and outside the plat, be improved or protected to the standards established by the Drain Commissioner. The law requires the Drain Commissioner to provide a written policy stating what is required to obtain approval for a proposed plat. The Ottawa County Drain Commissioner has adopted and published a set of standards and specifications for this purpose. Copies are available in the Office of the Drain Commissioner.

The general policies that have been applied require that any landowners wishing to develop or plat land may do so, provided that their action does not cause an increase in flooding outside of the plat. Also, the plat must be designed to ensure that future landowners within the plat are protected from flooding. Primary drainage systems within platted lands are required to be established as public systems (County Drains) under the jurisdiction of the Drain Commissioner.

The Mobile Home Commission Act (Public Act 419 of 1976) requires that the drainage or storm water management system in a Mobile Home Park must comply with the standards and specifications established by the Drain Commissioner.

The Condominium Act (Public Act 59 of 1978, as amended) requires that the Drain Commissioner be notified of the intent to establish a condominium project. Approval by the Drain Commissioner, however, is not required. The Drain Commissioner responds in writing to the local unit of government with any comments, concerns or specific requirements they feel should be imposed and then works together with the local unit to ensure compliance.

These standards and specifications are also applied to other developments, such as: apartment complexes, schools, industrial sites, commercial sites and other miscellaneous developments when required by the local unit of government.

The following is a break down of developments that were reviewed by the Ottawa County Drain Commissioner's Office in 2009.

2009 DEVELOPMENTS

Allendale Twp

Project Name	Section	Development Type
The Grove at Alden Court Loop	24	Apartment Complex

Chester

Project Name	Section	Development Type
Condie Ridge at Glenh	32	Condo

Georgetown

Project Name	Section	Development Type
348 Bahama Street Retail Strip M	14	Commercial
Automated Machine Systems	22	Industrial
Exe 56 Corporate Fuel Stations	11	Commercial
Family Fun Rental Center - Georg	16	Commercial Park
Georgetown Little League (Rebr)	7	Park Site Plan
GWSI Housing Complex 2010	31	Apartmen
Holzer House Ministries Commu	7b	Misc
Lebanon Sales Phase II (Propos)	22	Commercial
Matlock Dr - Jordan (2009)	15	Commercial
Midtown Proctor Building (prop)	41	Commercial

Grand Haven

Project Name	Section	Development Type
Beach View - Site Contamination	16	Site Update

Holland

Project Name	Section	Development Type
Deer's Head West Parking Lot 1b	20	Industrial
Greengate Center	26	Commercial
Federal Square Business Park CT	28	Commercial
Wolke Park Improvements 2010	11	Park

Project Name	Section	Development Type
Holland Town Center Proposed 2	23	
Loose Stone Landscaping	17	Commercial
North Lakes Elementary School	3	School
Quincy Park Improvements 2009	6	Recreational Park

Office

Project Name	Section	Development Type
Aram Temple 2009	29	Church

Park

Project Name	Section	Development Type
Benjamin's Home Site - "U"	14	POD
Hollyhock Additional Parking	34	Parking Lot & Roadway
Point West Condominiums	21	Condominium
Waterway Pines Condos - Hasty	21	Condominium

Port Sheldon

Project Name	Section	Development Type
Landscape Solutions West	12	Commercial

Rubicon

Project Name	Section	Development Type
Landscape Golf & Postal Facility	12	Commercial

Spring Lake

Project Name	Section	Development Type
Hardware Lodge Espresso Bar	8	Service Core Center

Zachland

Project Name	Section	Development Type
Holland Design Medical Office	20	Commercial
Mead Johnson ZIPP Block Office	18	Industrial
N-Vest Transportation Inc.	8	Industrial

SOIL EROSION AND SEDIMENT CONTROL ACT, PART 91 OF 451,
NATURAL RESOURCES AND E.P.A., 1994

A state statute was created in 1972 to provide protection of our natural watercourses from sedimentation during earth changing activities. Sediment from soil erosion is the number one pollutant by volume in surface waters. It disrupts aquatic life, destroys spawning habitat, disrupts navigation channels, causes flooding and ice damage and clogs storm sewers and drainage ditches, which increases cost of maintenance on drainage systems.

Any earth changing activity within 500' of a watercourse or disturbing over an acre of ground needs a permit.

Between January 1, 2009 and December 31, 2009 there were 138 permits issued by Ottawa County Drain Commissioner's Office staff acting as the County Enforcing Agent for this State Statute. These permits were issued according to the Ottawa County Soil Erosion & Sedimentation Control Ordinance. This ordinance was revised and approved by the Board of Commissioners on August 27, 2002 (No. 02-1).

Permits were issued in the following areas of jurisdiction and under the various development types:

TOWNSHIP	PERMITS
Allendale	8
Blendon	1
Chester	2
Crockery	2
Ferrysburg	1
Georgetown	28
Grand Haven	18
Holland	15
Jamestown	2
Olive	3
Park	16
Polkton	7
Port Sheldon	3
Robinson	4
Spring Lake	14
Tallmadge	5
Wright	0
Zeeland	9
TOTAL	138

DEVELOPMENT TYPE	PERMITS
Apartment	2
Church	1
Commercial	13
Condominiums	0
Cut/Fill Project	4
Duplex	0
Industrial	7
Misc.	11
Mobile Home Park	0
Park	2
Pond	3
Private Drive	0
Residential – Minor	23
Sand Mining	1
School	2
Sidewalk	4
Single Family Home	48
Subdivision	1
Utility	14
Wetlands	2
TOTAL	138

CERTIFICATE

I do Hereby Certify that the preceding is a true report of the amount of revenue and expenditures collected and issued by the Ottawa County Drain Commissioner's Office, also the Assessments on drains this year, and that the Financial Statement is true and correct.

Paul Geerlings

Paul Geerlings
Ottawa County Drain Commissioner

Dated this 6th Day of April, 2010.

This annual report for the period of January 1, 2009 to December 31, 2009 is submitted in compliance with Act 365 of the Public Acts of 1925 and Act 331 of the Public Acts of 1927.