

*OTTAWA COUNTY
WATER RESOURCES COMMISSIONER*



Annual Report

**January 1, 2013
Thru
December 31, 2013**

The activities and programs of this department are brought to you by the Ottawa County Board of Commissioners:
James Holtrop, Chair, Don Disselkoen, Vice-Chair, Stu Visser, Joe Baumann, Allen Dannenberg, Dennis VanDam,
James Holtvluwer, Greg DeJong, Philip Kuyers, Roger Bergman and Matthew Fenske

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OTTAWA COUNTY WATER RESOURCES COMMISSIONER'S OFFICE

Joe Bush, Water Resources Commissioner
Linda Brown, Chief Deputy
Chris Machiela, Drain Inspector
Jon Braxmaier, Soil Erosion Control Agent
Angela Walachovic, Soil Erosion Control Inspector
Dennis Cole, Civil Engineer
Teresa Conrad, Drain Clerk
Michelle Wittingen, Secretary

**DEPARTMENTAL ACTIVITY NARRATIVE
OTTAWA COUNTY WATER RESOURCES COMMISSIONER'S OFFICE**

The following are responsibilities mandated by Statute:

The Water Resources Commissioner and his staff are responsible for the construction, operation and maintenance of approximately 850 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 Water Resources Commissioner under Public Act 40 of 1956, as amended. Typical duties include inspection, enforcement, response and analysis of citizen complaints on drainage problems and the administration of construction and maintenance of drains.

The Water Resources 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 Water Resources 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 Water Resources Commissioner.

The Water Resources 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. A full financial statement of each drainage district is available in the Office of the Water Resources Commissioner as required by Michigan Drain Code, Act No. 40 of the Public Acts of 1956, as amended.

The Water Resources 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 Water Resources Commissioner responsible for the following:

The Water Resources 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 Water Resources 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.

REVENUES

Fees

• Soil Erosion Permit Fees	64,626.00	
• Development Review Fees	69,078.69	
• Development Administration Fees	10,260.00	
• Drain Use Permit Fees	1,700.00	
• License Agreement Fees	400.00	
Total Fees	\$ 146,064.69	\$ 146,064.69

Assessments

• 8010 Fund	\$ 614,060.38	
• 8510 Fund	\$ 44,633.01	
Total Assessments	\$ 658,693.39	\$ 658,693.39

Note: The Individual Drains included on the 2013 Assessment Roll are kept on file in the Office of the Water Resources Commissioner as required by Michigan Drain Code, Act No. 40 of the Public Acts of 1956, as amended.

Interest Earned

• Drain Funds	- 1,794.53	
• Revolving Maintenance Fund	- 39.98	
• Debt Service Funds	484.17	
• Lake Boards	424.54	
Total Interest	\$ - 925.80	\$ - 925.80

Miscellaneous Revenue

• NRCS Storm Damage Funding	\$ 194,942.63	
• Lake Boards – Spring Lake 2012 Tax Collection	219,785.84	
• Future Maintenance – 433 Agreements	10,000.00	
• Prepaid Drain Maintenance (13 Drains)	52,744.93	
• Note Payments	80,704.24	
• Restitution	302.00	
• Soil Erosion Permit Escrow	28,000.00	
Total Misc. Revenue	\$ 586,479.64	\$ 586,479.64

TOTAL REVENUE **\$1,390,311.92**

LIABILITIES

Notes - outstanding as of 12/31/13

• 8010 Drain Fund (Notes)	\$2,184,000.00
Total	\$2,184,000.00

Bonds – Taken out prior to 1/01/13 that are still outstanding as of 12/31/13

• Munn Drain (Final payment – 6/01/30)	\$ 425,000.00
• Nunica Drain (Final payment – 6/01/22)	\$ 51,900.04
Total	\$ 476,900.04

Revolving Drain Fund	\$ 155,758.22
Revolving Maintenance Fund	\$ 54,623.76
TOTAL LIABILITIES	\$2,871,282.02

EXPENDITURES

Drain Orders – Issued 1/01/13 thru 12/31/13 (#2892 thru #3667)	\$1,355,140.04
TOTAL EXPENDITURES	\$1,355,140.04

Note: A list of all drain orders issued that make up the total expenditure amount shown above is kept on file in the Office of the Water Resources Commissioner as required by Michigan Drain Code, Act No. 40 of the Public Acts of 1956, as amended.

DEVELOPMENT REVIEW

The Michigan Land Division Act (Public Act 591 of 1996) requires that the Water Resources Commissioner be responsible for reviewing the drainage or storm water management system of all platted developments. The Water Resources 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 Water Resources Commissioner. The law requires the Water Resources Commissioner to provide a written policy stating what is required to obtain approval for a proposed plat. The Ottawa County Water Resources Commissioner has adopted and published a set of Standards and Specifications for this purpose. These Standard & Specifications are currently being reviewed and will be updated in 2013.

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 County Drains under the jurisdiction of the Water Resources 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 Water Resources Commissioner.

The Condominium Act (Public Act 59 of 1978, as amended) requires that the Water Resources Commissioner be notified of the intent to establish a condominium project. Approval by the Water Resources Commissioner, however, is not required. The Water Resources 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 breakdown of the 65 developments that were reviewed by the Ottawa County Water Resources Commissioner's Office in 2013.

TOWNSHIP/CITY	PERMITS
Allendale	6
Blendon	2
Chester	1
Coopersville	0
Crockery	2
Ferrysburg	0
Georgetown	18
Grand Haven	4
Holland	19
Hudsonville	1
Jamestown	4
Olive	1
Park	0
Polkton	0
Port Sheldon	1
Robinson	1
Spring Lake	3
Tallmadge	1
Wright	0
Zeeland	1
TOTAL	65

DEVELOPMENT TYPE	PERMITS
Apartment	1
Campground	1
Church	3
Commercial	22
Condominiums	5
Industrial	12
Misc.	4
Parcel Split	2
PUD	2
School	2
Subdivision	11
TOTAL	65

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 requires a permit.

Between January 1, 2013 and December 31, 2013 there were 443 permits issued by Ottawa County Water Resources Commissioner's Office staff acting as the County Enforcing Agent for this State Statute. The number of permits issued greatly exceeded the 305 permits issued in 2012. 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 for the various development types:

TOWNSHIP/CITY	PERMITS
Allendale	38
Blendon	15
Chester	2
Coopersville	1
Crockery	24
Ferrysburg	3
Georgetown	122
Grand Haven	34
Holland	70
Hudsonville	0
Jamestown	6
Olive	9
Park	33
Polkton	3
Port Sheldon	22
Robinson	6
Spring Lake	33
Tallmadge	11
Wright	2
Zeeland	9
TOTAL	443

DEVELOPMENT TYPE	PERMITS
Apartment	5
Church	5
Commercial	31
Condominiums	7
Cut/Fill Project	3
Duplex	7
Industrial	10
Misc.	16
Park	3
Pond	0
Private Drive	1
Residential – Minor	45
Sand Mining	2
School	4
Sidewalk	5
Single Family Home	276
Subdivision	7
Utility	16
Wetlands	0
TOTAL	443

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 Water Resources Commissioner's Office, also the Assessments on drains this year, and that the Financial Statement is true and correct.

Joe Bush

Joe Bush
Ottawa County Water Resources Commissioner

Dated this 31st Day of March, 2014.

This annual report for the period of January 1, 2013 to December 31, 2013 is submitted in compliance with Act 365 of the Public Acts of 1925 and Act 331 of the Public Acts of 1927.