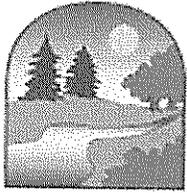


02/16/06  
Agenda  
Part One



ESTABLISHED 1875

*Otsego*  
C O U N T Y  
M I C H I G A N

## Otsego County Board of Commissioners

225 West Main Street • Gaylord, Michigan 49735

989-731-7520 • Fax 989-731-7529

### NOTICE OF MEETING

The Otsego County Board of Commissioners will hold a regular meeting on Thursday, February 16, 2006 beginning at 9:30 a.m., in the Multi-Purpose Room of the J. Richard Yuill Alpine Center, Gaylord, Michigan 49735.

### TENTATIVE AGENDA

1. Call to Order
2. Invocation
3. Pledge of Allegiance
4. Roll Call
5. Approval of Minutes
  - a. Regular Meeting of January 24, 2006 w/attachments
6. Consent Agenda
  - a. OCR 06-05 MERS
7. City Liaison, Township & Village Representatives
8. Correspondence
9. Special Presentations
  - a. NWMCHA Sanitary Code-Gerald Chase
  - b. Ron Chavey-FEMA Report
  - c. Sheriff's Department-Annual Report-Sheriff James McBride
  - d. Building Department-Annual Report-Richard Edmonds
10. New Business
  - a. Financials
    1. Warrant B2006-05
    2. Warrant B2006-06
    3. Warrant B2006-07
    4. General, Fund 101, Budget Amendment (2005)
    5. Child Care, Fund 292, Budget Amendment (2005)
    6. Parks & Recreation, Fund 208, Budget Amendment (2005)
    7. Housing Committee, Fund 232, Budget Amendment (2005)
    8. 9-1-1, Fund 261, Budget Amendment (2005)
  - b. Finance Committee motions
  - c. Wind Turbine Generator Ordinance #06-01
  - d. Construction & Shoreland Ordinance #06-02
  - e. OCR 06-06 Motorcycle Safety Grant
  - f. Written Hazard Communication Program
  - g. Committee Appointment-Airport Director Search
11. Public Comment
12. Board Remarks
13. Adjournment

January 24, 2006

The Regular meeting of the Otsego County Board of Commissioners was held in the Multi-Purpose Room of the J. Richard Yuill Alpine Center. The meeting was called to order at 9:30 a.m. by Chairman Beachnau. Invocation by Commissioner Glasser, followed by the Pledge of Allegiance led by Commissioner Bates.

Roll call:

Present: Backenstose, Bates, Beachnau, Liss, Glasser, Johnson, Hyde, Bentz.

Excused: Olsen.

The minutes of the Regular Meeting of January 10, 2006 and the Special Meeting minutes of December 19, 2005, December 27, 2005 and January 13, 2006 were approved as presented.

Consent Agenda:

OCR-06-03 Discharge of Mortgage of Michael and Karen Massey.

Roll Call Vote:

Ayes: Backenstose, Bates, Beachnau, Liss, Glasser, Johnson, Hyde, Bentz.

Nays: None.

Excused: Olsen

Motion carried/Resolution adopted. (see attached)

Mary Sanders reported the Michigan Township Association meeting that was scheduled for January 17, 2006 at 7:00 p.m. at the Bagley Township Hall was cancelled due to the weather. It will be held in March at the Bagley Township Hall.

Elizabeth Haus reported on the Village of Vanderbilt budget.

Special Presentations:

UCMAN Jack Thompson reported on the M-Tech center.

New Business:

Motion by Commissioner Bentz, to approve Warrant B2006-03 in the amount of \$192,312.01 and the prepaid invoices in the amount of \$10,956.19 as presented.

Ayes: Unanimous. Motion carried.

Motion by Commissioner Liss, to approve Warrant B2006-04 in the amount of \$686,253.89 and the prepaid invoices in the amount of \$77,896.65 as presented. Ayes: Unanimous. Motion carried.

Motion by Commissioner Backenstose, to approve the Planning and Zoning, Fund 101, Budget Amendment as presented. Ayes: Unanimous. Motion carried. (see attached)

Motion by Commissioner Johnson, to approve the Equalization, Fund 101, Budget Amendment as presented. Ayes: Unanimous. Motion carried. (see attached)

Motion by Commissioner Bates, to approve the Prosecuting Attorney, Fund 101, Budget Amendment as presented. (See attachment). A motion to amend above motion by Bates to decrease 101E267 704110 Hospitalization by \$227.51 for a total of \$3,090.98 and increase travel 101E267 93500 by \$55.08 and increase 101E267 930450 shipping by \$172.43. Vote on amendment-Unanimous, Vote on amended motion-Unanimous. Motion carried.

Motion by Commissioner Hyde, to approve the Clerk, Fund 101, Budget Amendment as presented. Ayes: Unanimous. Motion carried. (see attached)

Motion by Commissioner Glasser, to adopt the allocation formula for Administration, Finance and Human Resources exempting soldiers and sailors fund; Veteran's trust fund; public improvement fund; Courthouse restoration fund and Housing Commission fund. Ayes: Unanimous. Motion carried.

Motion by Commissioner Glasser, to calculate an allocation for 2004 Workers Compensation Audit and refund accordingly to the Component Units. Ayes: Unanimous. Motion carried.

Motion by Commissioner Backenstose, to pay back MMRMA retention fund as follows: \$25,784.50 each quarter for three years a total of \$308,814.00. 50% of funds to come from contingency and 50% from delinquent tax revolving fund for 2006. Ayes: Unanimous. Motion carried.

Motion by Commissioner Hyde, to expend training funds from the Sheriff Dept, Jail and Commissioners to send the Sheriff, Jail Administrator and Commissioner Liss to a jail conference. One half of expenses are to be reimbursed by MMRMA up to \$2,000, conference to be held February 22-24 2006. Ayes: Unanimous. Motion carried.

Motion by Commissioner Liss, to approve amended Remonumentation grant for 2005. Ayes: Unanimous. Motion carried.

Motion by Commissioner Bentz, to approve OCR-06-04 Hazard Mitigation Plan. A motion to amend Resolution by Bates to insert a comma between federal and state.

Roll Call Vote:

Ayes: Backenstose, Bates, Beachnau, Liss, Glasser, Johnson, Hyde, Bentz.

Nays: None.

Excused: Olsen.

Motion carried/Resolution adopted as amended. (see attached)

Public Comment:

County Clerk/Register Suzy DeFeyter announced that effective Monday January 30<sup>th</sup>, the County Clerks office, the Register of Deeds office and the Treasurer's office will be open during the lunch hour.

Board Remarks:

Commissioner Backenstose: Library meeting.

Commissioner Bentz: Updated Sanitary Code.  
Citation from the State re: the 4<sup>th</sup> floor.  
Proposal from Dale Gammon re: Alpine Center.  
Building and Grounds meeting February 20, 2006 in the  
Multi-purpose room at 9:00 a.m.

Commissioner Glasser: Bond Council John Axe to be here.  
Jail Committee Meeting.

Commissioner Bates: Reported on the City Council meeting.

Motion by Commissioner Bates, to enter into a closed session under provisions of 1976, Act 267  
Section 8(e), 46<sup>th</sup> Trial Court vs. Funding Counties.

Roll Call Vote:

Ayes: Backenstose, Bates, Beachnau, Liss, Glasser, Johnson, Hyde, Bentz.

Nays: None.

Excused: Olsen.

Motion carried.

Chairman Beachnau: Announced the new Administrator, John Burt starts on February 13<sup>th</sup>.  
Attended the Livingston Township meeting.

Entered into closed session at 11:00 a.m.

Returned to open session at 11:41 a.m.

Meeting adjourned at 11:41 a.m. at the call of the Chair.

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Paul M. Beachnau, Chairman

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Susan I. DeFeyter, County Clerk

Prosecutor's Office

**OTSEGO COUNTY BUDGET AMENDMENT FOR 2005 BUDGET**

As provided for in the Uniform Budgeting and Accounting Act of 1978, as amended, and consistent with Otsego County Policy, the Administrator and Treasurer are hereby authorized to record the following adjustments to the budget.

FUND:     General     Capital Improvement     Special Revenue     Debt Service

**REVENUE**

Account Number	Decrease	Increase
	\$	\$
	\$	\$
	\$	\$
	\$	\$
<b>Total</b>	\$	\$

**EXPENDITURE**

Account Number	Increase	Decrease
101E267 704140 Life & Disability	\$ 346.48	\$
101E267 704500 Unemployment Compensation	\$ 741.40	\$
101E267 704000 Workers Compensation	\$ 1775.59	\$
101E267 704110 Hospitalization	\$	\$ 3090.98
101E267 930450 Shipping	\$ 172.43	\$
101E267 930500 TRAVEL	\$ 55.08	\$
<b>Total</b>	\$ 3090.98	\$ 3090.98

Manager's Signature <i>RL 7 2L</i>	Date 1/16/05
Administrator's Signature	Date
Budget Amendment Number	Date
Board Approval	Date
Posting Number	Date



## OTSEGO COUNTY BUDGET AMENDMENT

*PLANNING & ZONING DEPT.*

As provided for in the Uniform Budget and Accounting Act of 1978, as amended, and consistent with Otsego County Policy, the Administrator and Finance Director are hereby authorized to record the following adjustments to the budget.

Fund Type:  General    Special Revenue    Debt Service    Capital Project    Business-Type (Enterprise or Internal Svc)

### REVENUE

Account Number	Decrease	Increase
-	\$	
-	\$	\$
-	\$	\$
-	\$	\$
<b>Total</b>	\$	\$

### EXPENDITURE

Account Number	Decrease	Increase
<i>101721-930500 - Travel</i>	\$ <i>110-</i>	
<i>" - 703040 - Per Diem</i>		\$ <i>110-</i>
-	\$	\$
-	\$	\$
-	\$	\$
-	\$	\$
<b>Total</b>	\$ <i>110-</i>	\$ <i>110-</i>

*[Signature]*  
Department Head Signature

*1/9/06*  
Date

<b>Finance Department</b>
Entered:
By:

\_\_\_\_\_  
Administrator's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Board Approval Date (if necessary):

\_\_\_\_\_  
Budget Adjustment #

\_\_\_\_\_  
Posting Number



**OTSEGO COUNTY  
BUDGET AMENDMENT**

FUND/DEPARTMENT: 257 EQUALIZATION - 2005

As provided for in the Uniform Budget and Accounting Act of 1978, as amended, and consistent with Otsego County Policy, the Administrator and Finance Director are hereby authorized to record the following adjustments to the budget.

Fund Type:  General     Special Revenue     Debt Service     Capital Project     Business-Type (Enterprise or Internal Svc)

**REVENUE**

Account Number	Decrease	Increase
- -	\$	\$
- -	\$	\$
- -	\$	\$
- -	\$	\$
<b>Total</b>	\$	\$

**EXPENDITURE**

Account Number	Increase	Decrease
101E - 257 - 704110	\$	\$ 1394.85
- -	\$	\$
101E - 257 - 704500	\$ 127.96	\$
101E - 257 - 704700	\$ 1266.89	\$
- -	\$	\$
- -	\$	\$
<b>Total</b>	\$ 1394.85	\$ 1394.85

William Ken  
Department Head Signature

1/18/06  
Date

<b>Finance Department</b>
Entered:
By:

\_\_\_\_\_  
Administrator's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Board Approval Date (if necessary)

\_\_\_\_\_  
Budget Adjustment #

\_\_\_\_\_  
Posting Number



**OTSEGO COUNTY  
BUDGET AMENDMENT**

Page #1

FUND/DEPARTMENT: County Clerk / Register

As provided for in the Uniform Budget and Accounting Act of 1978, as amended, and consistent with Otsego County Policy, the Administrator and Finance Director are hereby authorized to record the following adjustments to the budget.

Fund Type:  General     Special Revenue     Debt Service     Capital Project     Business-Type (Enterprise or Internal Svc)

**REVENUE**

Account Number	Decrease	Increase
- -	\$	\$
- -	\$	\$
- -	\$	\$
- -	\$	\$
<b>Total</b>	\$	\$

**EXPENDITURE**

Account Number	Increase	Decrease
101E - 215 - 930500 (Travel)	\$	\$ 1214.41
101E - 215 - 930100 (membership & dues)	\$	\$ 292.00
101E - 215 - 930450 (Shipping & mailing)	\$	\$ 1876.80
101E - 215 - 930210 (Telephone)	\$	\$ 197.50
101E - 215 - 930100 (Tees & Sports)	\$	\$ 90.00
101E - 215 - 920400 (Repairs & maintenance)	\$	\$ 470.13
<b>Total</b>	\$	\$

*Susan M. DeFeuter*  
Department Head Signature

1-16-06  
Date

<b>Finance Department</b>	
Entered:	
By:	

\_\_\_\_\_  
Administrator's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Board Approval Date (if necessary)

\_\_\_\_\_  
Budget Adjustment #

\_\_\_\_\_  
Posting Number



**OTSEGO COUNTY  
BUDGET AMENDMENT**

Page # 2

FUND/DEPARTMENT: County Clerk / Register

As provided for in the Uniform Budget and Accounting Act of 1978, as amended, and consistent with Otsego County Policy, the Administrator and Finance Director are hereby authorized to record the following adjustments to the budget.

Fund Type:  General     Special Revenue     Debt Service     Capital Project     Business-Type (Enterprise or Internal Svc)

**REVENUE**

Account Number	Decrease	Increase
-	\$	\$
-	\$	\$
-	\$	\$
-	\$	\$
<b>Total</b>	\$	\$

**EXPENDITURE**

Account Number	Increase	Decrease
IDLE - 215 - 726000 (Supplies)	\$	\$ 184.32
IDLE - 215 - 704800 (Sick Pay out)	\$	\$ 1408.23
IDLE - 215 - 704400 (Education & Training)	\$	\$ 640.00
IDLE - 215 - 703030 (Reg. Priority)	\$ 3403.47	\$
IDLE - 215 - 704300 (Retirement)	\$ 775.41	\$
IDLE - 215 - 704500 (Unemployment)	\$ 799.09	\$
<b>Total IDLE 215 704600 workers comp</b>	\$ 1395.42	\$

TOTAL  
  
 Department Head Signature

6373.39  
 1-16-06  
 Date

6373.39

Entered:
By:

Administrator's Signature \_\_\_\_\_ Date \_\_\_\_\_

Board Approval Date (if necessary) \_\_\_\_\_ Budget Adjustment # \_\_\_\_\_ Posting Number \_\_\_\_\_

**RESOLUTION NO. OCR 06-03  
AUTHORIZING RESOLUTION**

OTSEGO COUNTY BOARD OF COMMISSIONERS  
January 24, 2006

**WHEREAS**, the Otsego County Board of Commissioners is the owner of a property located at 8974 Sanborn St. Elmira, Michigan 49730 and has a mortgage recorded in Liber 549, Pages 348-357, in the name of Michael J. Massey and Karen K. Massey, husband and wife;and

**WHEREAS**, said Mortgage has been paid in full.

**NOW THEREFORE BE IT RESOLVED**, that Otsego County hereby issue a DISCHARGE OF MORTGAGE to, Michael J. Massey and Karen K. Massey, husband and wife.

**AND FURTHER BE IT RESOLVED**, that the Chairman of the Otsego County Board of Commissioners be authorized to sign said document.

**RESOLUTION NO. OCR 06-04**

***Hazard Mitigation Plan Adoption Resolution***

OTSEGO COUNTY BOARD OF COMMISSIONERS

January 24, 2006

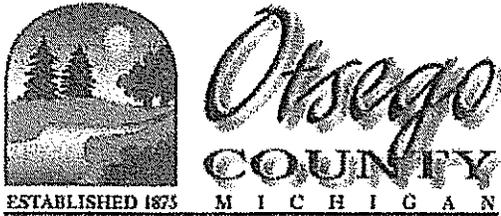
**WHEREAS**, Otsego County, Michigan has experienced disasters that have damaged commercial, residential, and public properties, displaced citizens and businesses, closed streets and bridges, and presented general public health and safety concerns; and

**WHEREAS**, Otsego County has prepared a *Hazard Mitigation Plan* that outlines the County's options to reduce overall damage and impact from natural hazards; and

**WHEREAS**, the *Hazard Mitigation Plan* has been reviewed by County residents, business owners, and federal, state, and local agencies, and has been revised to reflect their concerns;

**NOW, THEREFORE, BE IT RESOLVED THAT**

1. The *Otsego County Hazard Mitigation Plan* is hereby adopted as an official plan of Otsego County, Michigan.
2. A hazard mitigation planning Committee is hereby established as a permanent county advisory body. The County Local Emergency Planning Committee (LEPC) shall function as the Hazard Mitigation Committee. The Committee's duties shall be designated in the *Hazard Mitigation Plan*.
3. The Hazard Mitigation Committee is charged with supervising implementation of the Plan's recommendations within the funding limitations as provided by the Otsego County Board of Commissioners or other sources.
4. The Hazard Mitigation Committee shall give priority attention to action items recommended by the *Hazard Mitigation Plan* as high priority.
5. The Hazard Mitigation Committee's facilitator shall convene the Hazard Mitigation Committee at least once per year. The Committee shall monitor implementation of the plan and shall submit a written progress report to the County Board of Commissioners in accordance with the following format:
  - a. A review of the original plan.
  - b. A review of any disasters or emergencies that occurred during the previous calendar year.
  - c. A review of the actions taken, including what was accomplished during the previous year.
  - d. A discussion of any implementation problems.
  - e. Recommendations for new projects or revised action items. Such recommendations shall be subject to approval by the County Board of Commissioners.



**Otsego County Human Resources**  
225 West Main Street • Gaylord, Michigan 49735  
989-731-7520 • Fax 989-731-7529

## MEMORANDUM

TO: Board of Commissioners

FROM: Trisha Adam, Human Resources

DATE: January 26, 2006

RE: MERS Definition for Defining a Month of Service Credit

---

The Personnel Committee met on January 25, 2006, and voted to recommend the adoption of the attached MERS resolution to change the definition of a month of service credit for MERS from ten (10), seven and one half (7.5) hour days to one hundred (100) hours per month.

The change from days to work hours is necessary in order for us to fairly and legally apply the requirement across the county for eligible employees with regards to MERS service credit. We have a variety of work hours and schedules in departments throughout the county. The current requirement does not allow us to evenly administer MERS service credit for our municipality.

*\*Note: This change is only applicable to county and court MERS divisions. The library is not included.*



MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM OF MICHIGAN

RESOLUTION FOR DEFINING A DAY OF WORK OR HOURS PER MONTH FOR MERS RETIREMENT PURPOSES

Note: To adopt the part-time to full-time employee service credit program under Plan Document Section 4(6), the governing body must adopt the Uniform Resolution Defining Hours Per Month For Part-Time Employees and Service Credit Conversion Upon Promotion to Full-Time Status.

In accordance with Section 3(1) of the MERS Plan Document, as the Otsego County Board of Commissioners, 6902-1 Otsego County (Governing Body) (Municipality)

does hereby certify that a day of work, or the number of hours of work in a month, for Divisions 1,10,11,13,14,20 (Indicate all employees or division name and number) for retirement purposes, shall

consist of one of the following to be effective as of February 1, 2006 (Date)

(Please complete either A or B)

A. A day shall consist of hours. (Ten (10) days a month of such work days equals one month of credited service.)

B. X A month shall consist of 100 hours. (Each month of such work hours equals one month of credited service.)

I hereby certify that the above is a true copy of a Resolution adopted at the meeting of the governing body held on February 16, 2006 (Date)

(Signature of Authorized Official) Chair, Board of Commissioners (Title)

RETURN TO: Municipal Employees' Retirement System of Michigan 1134 Municipal Way Lansing, MI 48917

**NORTHWEST MICHIGAN COMMUNITY HEALTH AGENCY  
DISTRICT SANITARY CODE  
ANTRIM, CHARLEVOIX, EMMET and OTSEGO COUNTIES**

**ARTICLE I                    AUTHORITY, JURISDICTION AND ADMINISTRATION**

**1-1    INTENT**

The intent of this code is to protect the environment and the public health, safety and welfare in Antrim, Charlevoix, Emmet and Otsego Counties.

**1-2    AUTHORITY AND TITLE**

The District Board of Health of Antrim, Charlevoix, Emmet and Otsego Counties governs the District Health Department currently known as the Northwest Michigan Community Health Agency. Under authority Act 368 of the Public Acts of 1978, the District Board of Health may enact these regulations for the protection of public health and sanitation. These regulations shall be known as the Unified Sanitary Code.

**1-3    JURISDICTION AND ADMINISTRATION**

The Health Officer shall have jurisdiction throughout Antrim, Charlevoix, Emmet and Otsego Counties, including all cities, villages and townships, in the administration and enforcement of these regulations, including all amendments hereafter adopted unless otherwise specifically stated. Nothing herein contained shall be construed to restrict or abrogate the authority of any municipality to adopt more restrictive ordinances. The Health Officer shall have the right to delegate any administrative or enforcement authority or duty granted by this code to an employee or agent of the Northwest Michigan Community Health Agency or its successor.

**1-4    ENFORCEMENT**

All premises affected by these regulations shall be subject to inspection by the Health Officer, and the Health Officer may collect such samples for laboratory examination as he deems necessary for the enforcement of these regulations.

**1-5    RIGHT OF ENTRY AND INSPECTION**

The Health Officer may inspect any premises at reasonable times with the consent of the owner or person in charge of the premises. No person shall molest or resist the Health Officer in the discharge of the Health Officer's duty. In the event that a Health Officer is refused permission to inspect any premises at reasonable times, the Health Officer shall have authority to apply for an administrative search warrant pursuant to MCL 333.2241 through MCL 333.2247; MSA 14.15(2241) through MSA 14.15(2247).

**1-6    ESTABLISHMENT AND HANDLING OF FEES**

All fees for service shall be established by the District Board of Health. All fees for service shall be collected by the Northwest Michigan Community Health Agency and shall be receipted for and deposited with the Charlevoix County Treasurer and credited to the Northwest Michigan Community Health Agency.

**1-7    ABATEMENT OF NUISANCES**

Nothing stated in this code shall be construed to limit the power of the Health Officer to order the immediate and complete abatement of a public nuisance or menace to public health.

## 1-8 AMENDMENTS

The Northwest Michigan Community Health Agency, with the approval of all Boards of Commissioners of Antrim, Charlevoix, Emmet and Otsego Counties, may from time to time amend, supplement or change these regulations. Notice of a public hearing on any such proposed changes shall be given by the Northwest Michigan Community Health Agency as provided in MCL 333.2442; MSA 14.15(2442).

## 1-9 OTHER LAWS AND REGULATIONS

The regulations of this code are standards supplemental to the rules and regulations duly enacted by the Michigan Department Community Health, and the laws of the State of Michigan relating to public health. Where any of the provisions of this code and the provisions of any local ordinance, statute or regulation duly adopted under the Administrative Procedures Act apply, the more restrictive shall prevail.

## 1-10 REPORTS

The Health Officer shall present an Annual Report to the Boards of Commissioners. The report shall be presented after January 1 and before May of each year.

# ARTICLE II DEFINITIONS

## 2-1 ABANDONED WATER SUPPLY

An "abandoned water supply" means a water supply whose use has been permanently discontinued, a water supply or portion thereof which is in such disrepair that its continued use for the purpose of obtaining water is impractical, a water supply which has been left uncompleted, a water supply which is a threat to other sources of water, or a water supply which is or may be a health or safety hazard.

## 2-2 SOIL ABSORPTION SYSTEM

Absorption system is the collective term for trench or bed excavations used to uniformly distribute septic tank effluent to subsurface soil by means of a network of distribution piping in washed aggregate with covering soil and vegetation. A trench contains one pipe. A bed contains two or more pipes.

## 2-3 ADVANCED TREATMENT SYSTEM (ATS)

An advanced treatment system (ATS) is a on-site wastewater system that provides for the collection, treatment and uniform disposal of wastewater using advanced technologies to pre-treat wastewater effluent prior to final disposal.

## 2-4 APPROVED/APPROVAL

Approved or approval denotes that a condition, facility, thing, premise, action or use, is in satisfactory compliance with the intent, purpose and applicable standards of these regulations.

## 2-5 AVAILABLE PUBLIC WATER SUPPLY

"Available public water supply" means a waterworks system that provides water for drinking or household purposes to persons other than the supplier of the water and is located in a right-of-way, easement, highway, street or public way which crosses, adjoins, or abuts upon the property and passing not more than 200 feet at the nearest point from a property boundary and when the local governmental agencies having jurisdiction will allow connection to that water supply.

## 2-6 AVAILABLE PUBLICLY OPERATED SEWER SYSTEM

“Available publicly operated sewer system” means a public sanitary sewer system located in a right-of-way, easement, highway, street or public way which crosses, adjoins, or abuts upon the property and passing not more than 200 feet at the nearest point from a structure in which sanitary sewage originates and when the local governmental agencies having jurisdiction will allow connection to that sewer.

## 2-7 BEDROOM

Any space in the conditioned area of a dwelling unit or accessory structure which is 70 square feet and greater in size and which is located along an exterior wall, but not including the following: hall; bathroom; kitchen; living room; dining room (in proximity to kitchen); family room, laundry room, closet/dressing room opening off of a bedroom. The Health Officer may grant exceptions if a room, by its design, cannot function as a bedroom. Sewing rooms, dens, studios, lofts, game rooms, and any other conditioned room along an exterior wall which is 70 square feet or greater in size will be considered to be bedrooms unless the room is specifically exempted. If a home office, library or similar room is proposed, it may be exempted from being considered a bedroom if there is no closet and at least one of the following is present: a) permanently built-in bookcases, desks and other feature that encumber the room in such a way that it cannot be used as a bedroom; b) a minimum 4 foot opening (width), without doors, into another room; or c) a half wall (4 foot maximum height) between the room and another room.

## 2-8 BENEFITED PARCEL

A “benefited parcel” means land which will be served by a proposed sewage treatment and disposal system.

## 2-9 BURDENED LAND

The term “burdened land” means the land over or under which any portion of a sewage treatment and disposal system will be located.

## 2-10 CONVENTIONAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

A system which includes a building sewer, one or more septic tanks, a subsurface drain field, and all associated connections, fittings, and appurtenances.

## 2-11 DISTRIBUTION DEVICE

The term “distribution device” means a watertight receptacle installed with proper footings, provided with outlets on the same horizontal plane, used for the purpose of assuring the equal distribution of the septic tank effluent when such effluent is being disposed of by means of any absorption field, trench or bed.

## 2-12 DISTRIBUTION HEADER / MANIFOLD

A conduit used to disperse septic tank effluent in equal amounts to the pipelines in a soil absorption system.

## 2-13 DISTRIBUTION SYSTEM

A "distribution system" is a system of pipe lines used to disperse septic tank effluent uniformly throughout a soil absorption system.

## 2-14 DISTRICT BOARD OF HEALTH

The term “District Board of Health” shall mean the District Board of Health of Antrim, Charlevoix, Emmet and Otsego Counties.

## 2-15 DOSING

Application of septic tank effluent to the absorption field in controlled amounts, so as to intermittently flood and rest the soil.

## 2-16 DOSING CHAMBER, PUMPING CHAMBER

A watertight tank or receptacle used for the purpose of retaining septic tank effluent pending its automatic discharge to a selected point in the distribution system.

## 2-17 ELEVATED ABSORPTION (MOUND) SYSTEM

Any soil absorption system that its infiltrative surface is at or any distance above the natural ground surface.

## 2-18 FILL MATERIAL

"Fill material" shall mean clean medium textured sand, free of clay, silt, black dirt, and vegetation or other undesirable foreign material or other material specified and approved by the Health Officer.

## 2-19 GARBAGE

Rejected food wastes, including waste accumulation of animal, fruit or vegetable matter used or intended for food or that attend the preparation, use, cooking, dealing in or storing of meat, fish, fowl, fruit, or vegetables or other putrescible wastes.

## 2-21 GRADE DROP-OFF

Where a horizontal plane, starting from the infiltrative surface of an absorption bed, intersects a slope equal to or greater than twelve (12) percent.

## 2-22 GRAVITY FLOW

Flow without induced pressure, as characterized by a free liquid surface.

## 2-20 HABITABLE BUILDING

The term "Habitable Building" shall mean any structure or part thereof where persons live, sleep, reside, are employed, or congregate and which is occupied in whole or in part.

## 2-21 HABITABLE ROOM

"Habitable room" means a room or enclosed floor space suitable for human living, sleeping, cooking, or eating purposes. A habitable room does not include bathrooms, water closet compartments, laundries, pantries, foyers, or communicating corridors, closets and storage spaces.

## 2-22 HEALTH AGENCY

The term "Health Agency" shall mean the Northwest Michigan Community Health Agency or successor agency or health department serving the counties of Antrim, Charlevoix, Emmet and Otsego.

## 2-23 HEALTH OFFICER

The term "Health Officer" shall mean the Director of the Northwest Michigan Community Health Agency and/or his authorized representatives.

#### 2-24 IMPERVIOUS

Impervious shall mean any material which does not percolate one (1) inch of water in sixty (60) minutes, using standard percolation tests.

#### 2-25 INFILTRATIVE SURFACE

The soil - aggregate interface below an absorption bed, trench, drywell, block trench ect. where effluent begins to fill the pore spaces of the porous material below an soil absorption system.

#### 2-26 LOW PRESSURE DISTRIBUTION

Flow induced by pumping or other means as characterized by minimum pressures of two (2) pounds per square inch in the distribution piping.

#### 2-27 MAXIMUM HIGH GROUNDWATER LEVEL

"Maximum high ground water elevation" means the elevation of the upper surface of the zone of saturation as may occur during the normally wet periods of the year. For the purpose of this code, the high ground water elevation will be determined by observing subsurface saturated conditions and/or the soil mottling (redoximorphic features) or color changes in the soil. Mottling is the result of the oxidation and reduction of soil minerals and begins to occur after a soil has been periodically saturated for significant lengths of time. The actual standing water may be above or below the mottled zone resulting from seasonal fluctuations in water table or in response to other temporal climatic events.

#### 2-38 NATURAL GROUND SURFACE

The ground surface formed on the site through the forces of nature and not significantly altered by man through excavating, importing fill soil or other means.

#### 2-39 ORDINARY HIGH WATER MARK

The term "ordinary high water mark" means the line between upland and bottomland which persists through successive changes in water levels, below which the presence and action of the water are so common or recurrent that the character of the land is marked distinctly from the upland and is apparent in the soil itself, the configuration of the surface of the soil, and the vegetation. On an inland lake which has an established legal lake level, it means the high established level. Where water returns to its natural level as the result of the permanent removal or abandonment of a dam, it means the natural ordinary high water mark. On Great Lakes waters regulated by the Michigan Department of Environmental Quality, the term refers to the high water elevation established at 580.5feet above sea level.

#### 2-30 OWNERS, PERSONS OWNING PREMISES

The terms "owners" and "persons owning premises" shall mean both the owner of title and of record and those occupying or in possession or control of any property or premises.

#### 2-31 PERSON

The term "person" shall mean an individual, firm, partnership, party, corporation, company, society, association or other legal entity.

#### 2-32 PREMISE

"Premise" shall mean a tract or parcel of land which is occupied or on which a habitable building is located and shall include the building.

## 2-33 PUBLIC WATER SUPPLY

A "public water supply" means a water supply which provides water for drinking or household purposes to persons other than the supplier of water and that meet the definitions of public water supplies as outlined in Act 399, P.A. 1976 as amended.

## 2-34 RUBBISH

Non-putrescible solid wastes excluding ashes consisting of both combustible and non-combustible wastes, such as paper, cardboard, metal containers, yard clippings, wood, glass, bedding, crockery, demolished building materials and litter of any kind that will be detrimental to the public health and safety.

## 2-35 SEPARATE, LEGALLY RECOGNIZED PARCEL

A "separate, legally recognized parcel" means a parcel of land, which is described in a legal description separate from the benefited parcel.

## 2-36 SEPTIC TANK

A watertight receptacle used for the purpose of receiving all sewage and so designed as to permit the collection of solids from such wastes and to permit such retained solids to undergo decomposition therein.

## 2-37 SEPTIC TANK MARKER

The term "septic tank marker" means a device to mark the location of the effluent inspection port of the septic tank.

## 2-38 SEPTIC TANK RISER

the term "septic tank riser" means a device which is positively connected to a septic tank, is water tight, extends to ground level and has a cover or lid which prevents unauthorized access. Risers present a means to readily locate and provide access for inspection and routine maintenance of a septic tank.

## 2-39 SEWAGE

The liquid waste from all habitable buildings, as well as human excreta, as well as wastes from toilets, urinals, sinks, laundries, shower baths, bath tubs, dishwashers, garbage grinders, and septic tank overflow or effluent and any other liquid waste of organic or chemical nature, either singularly or in any combination.

## 2-40 SEWAGE TREATMENT AND DISPOSAL FACILITIES

Those devices used in the treatment and disposal of sewage, including but not limited to, a privy, seepage pit, dry well, block trench, sewer line, septic tank, absorption field, trench, or bed.

## 2-41 SEWAGE TREATMENT AND DISPOSAL SYSTEM

The term "sewage treatment and disposal system" shall mean the method of disposing of sewage by means of a sewer line connected to a septic tank or aerobic tank and one or more of the following: dry well, seepage pit, block trench, absorption field, trench or bed or any other similar device or devices approved by the Health Officer.

## 2-42 SEWAGE (EFFLUENT) FILTER

A device intended to filter suspended solids from septic tank effluent prior to conveyance to a soil absorption field.

2-43 SEWER LINE

Any watertight pipe or conduit used for the conveying of sewage.

2-44 SOIL PERMEABILITY

One directional flow of a fluid (air or water) through soil.

2-45 STREAM

A stream is a natural or artificial body of water which has definite banks, a bed, and visible evidence of a flow of water.

2-46 SUCCESSOR BUILDING

Any structure that replaces a dwelling that during construction, remodeling or renovation activities and which becomes uninhabitable for any amount of time or is greater than fifty (50) percent replaced.

2-47 SURFACE WATER

The term "surface water" means any of the following: the Great Lakes and their connecting waterways, inland lakes, rivers, streams, ponds and areas that present standing water.

2-48 TOE OF MOUND

The perimeter of a mound where it's fill material and cover meets the natural ground surface.

2-49 WATER SUPPLY

"Water supply" means a system of pipes and structures through which water is obtained, including, but not limited to, the source of the water, such as wells, surface water intakes, or hauled water storage tanks, and pumping and treatment equipment, storage tanks, pipes and appurtenances, or a combination thereof, used or intended to furnish water for domestic or consumer use.

2-50 WATER TABLE

The highest elevation in the soil where all voids are filled or have been filled with water, as may be indicated by a free water surface or soil mottling or other information.

2-51 WELL

"Well" means an opening in the surface of the earth for the purpose of removing groundwater for domestic use, irrigation well, recharge well, waste disposal well or a well used temporarily for dewatering purposes during construction.

**ARTICLE III LAND DIVISIONS, SUBDIVISIONS AND CONDOMINIUM DEVELOPMENTS**

3-1 REQUIREMENTS

From and after the effective date of this code, no land division less than one (1) acre, subdivision or condominium development shall be approved by the governing body of any municipal corporation in the counties of Antrim, Charlevoix, Emmet or Otsego where such development is not served by a publicly operated Type I public water supply system and public sanitary sewer system unless the following

requirements have been met.

### 3-2 SITE REPORTS AND DEVELOPMENT PROPOSALS

Developments which propose the use of individual water supply and/or sewage treatment and disposal systems, privately owned public water supply and/or privately owned community wastewater treatment and disposal systems or the use of existing water supply and/or sewage treatment and disposal systems shall be submitted to the Health Officer for review and approval. A registered professional engineer or licensed land surveyor shall prepare and submit for review a site report and supporting documentation regarding the suitability of the site for the proposed use. The registered professional engineer or licensed land surveyor shall submit a certification of suitability of the site for (the proposed use) the installation of or use of existing water supplies and/or sewage treatment and disposal systems through the submittal of a narrative outlining his findings and conclusions which support his certification of suitability. The Health Officer shall review the information submitted and determine if the information is accurate, representative and adequately supports the certification of suitability. If the Health Officer determines the development plan, supporting documentation and certification of suitability adequately demonstrates that the proposed development meets the requirements of this code and all state statutory requirements or administrative rules, then he shall send to the municipal corporation an approval of environmental suitability. Four copies of the site report, site development plan and supporting documentation shall be submitted to the Health Officer and shall include but not be limited to the following:

- A. A narrative statement and site development plan that articulates and conveys the proposed use, size and arrangement of lots.
- B. Indicate all areas in excess of twelve (12) percent slope. Also, show all natural drainage areas and structures.
- C. A site development plan in a scale not to exceed 1:60.
- B. In the case of waterfront property indicate high water elevations and two (2) foot vertical contour intervals if ground water table is within five (5) feet of the natural ground surface.
- D. Show maximum high ground water table where such is within five (5) feet of the natural ground surface.
- E. The location and results of soil evaluations using procedures acceptable to the Health Agency.
- F. For developments proposing to utilize individual or privately owned public water supplies, information which demonstrates the availability of ground water that is of acceptable quality and quantity in a formation which is adequately protected with respect to potential sources of contamination must be provided.
- G. The proposed name of the development.
- H. Location as to Section Number, Town, Range, Township and County.
- I. The name and address of the owner, subdivider and applicant.
- J. North point, date, street names, and lot and development dimensions.
- K. Typical layout of the single family dwelling and facilities for each individual lot or unit. If the proposed use of lots or units will be for other than single family residences, the use and location shall be indicated and a typical layout showing building and facility locations provided for each lot so used.
- L. Existing and proposed contours where significant site modifications are proposed. Site modifications shall be shown in two (2) foot vertical contour intervals.

- M. Existing and proposed utility easements.
- N. Location of existing structures, wells and sewage treatment and disposal systems.
- O. Location of lakes, rivers, streams or other surface waters or where conditions of ponding or flooding are known to occur and where such conditions may be in conflict with the development of safe and adequate systems for water supply and sewage treatment and disposal systems.
- P. Any potential sources of contamination of proposed water supplies for the project.
- Q. The location of water supplies used to determine water supply suitability relative to development location.
- R. The signature and seal of the registered professional engineer or licensed land surveyor preparing the report.
- S. Other information as deemed necessary by the agency to demonstrate site suitability.

### 3-3 ENVIRONMENTAL APPROVAL

No development plan shall be approved when conditions noted in the site report, supporting documentation and certification of suitability or when the lot size or arrangement of lots does not meet the requirements of this code. The review of the development plan shall take into account the anticipated use to be made of any lot, unit or division of land.

### 3-4 CRITERIA FOR DEVELOPMENT APPROVAL

No portion of a development plan or a preliminary development plan may be approved for onsite water supply or sewage treatment and disposal where one or more of the following condition exist:

- A. A publicly operated sewage system is available.
- B. The property served lacks sufficient area for the minimum isolation horizontal distances required in Table 5-8.
- C. The soil permeability rate is greater than sixty (60) minutes per inch.
- D. The natural ground surface is less than five (5) feet above any of the following:
  - 1. Maximum high groundwater level.
  - 2. Ordinary high water mark of adjoining lake or stream.
  - 3. Impervious rock or impervious soil stratum.
  - 4. Fractured rock.
- E. Slopes are greater than twelve (12) percent.
- F. Ponding or flooding are known to occur, and such conditions might be in conflict with the development of safe and adequate systems for water supply and sewage treatment and disposal.
- G. The area of the lots does not provide an available absorption field location which has a gross area at least two (2) times that area required for the initial installation.
- H. A lot is less than one hundred (100) feet wide at a location twenty five (25) feet from the front lot line; or if the lot diminishes from front to rear, one hundred (100) feet wide at a location fifty (50) feet from the front lot line.

- I. An adequate and protected water supply is not available.
- J. Where existing water supply and/or sewage treatment and disposal systems proposed for use do not meet the minimum requirements of this code.

### 3-5 DEED RESTRICTIONS AND ADVISORIES

The agency may require, as a condition of approval, that the owner record deed restrictions and/or advisories for the protection of the public health, safety and welfare and the environment.

### 3-6 FINAL APPROVAL

Final approval of a development which proposes the use of individual water supply and/or sewage treatment and disposal systems, privately owned public water supply and/or privately owned community wastewater treatment and disposal systems or the use of existing water supply and/or sewage treatment and disposal systems shall not be granted until the conditions and/or restrictions for approval have been made part of the master deed for the proposed development and a copy of the recorded master deed submitted for review.

### 3-7 REVIEW FEES

Review fees shall be required as established by the District Board of Health.

## ARTICLE IV

## SEWAGE TREATMENT AND DISPOSAL

The intent of this article is to provide regulations to control the installation and maintenance of private, semi-private and public sewage treatment and disposal systems where no municipal sewage facility is available; to establish minimum criteria for such installation; to protect the health, safety and welfare of the people of Antrim, Charlevoix, Emmet and Otsego Counties.

### 4-1 SEWAGE TREATMENT AND DISPOSAL ON ALL PREMISES

It shall be unlawful for any person to construct, alter, occupy or maintain any premise which is not equipped with adequate facilities for the treatment and disposal of sewage. Adequate facilities are those facilities which comply with the minimum provisions of this code. Under no condition shall sewage be discharged or deposited upon the surface of the ground or into a roadside ditch or water course, stream or lake, or into any drain other than a sanitary sewer and those systems approved by the Health Officer.

### 4-2 CONSTRUCTION PERMIT REQUIRED

From and after the effective date of this code, it shall be unlawful for any person to construct, repair, alter or extend any sewage treatment and disposal facility within Antrim, Charlevoix, Emmet or Otsego Counties unless he has a construction permit issued by the Health Officer or authorized agent.

### 4-3 OPERATION PERMIT REQUIRED

From and after the effective date of this code, it shall be unlawful for any person to install or operate any Advanced Treatment System (ATS) or any sewage treatment and disposal system that uses an easement for the conveyance or disposal of residential or commercial wastewater within Antrim, Charlevoix, Emmet or Otsego Counties unless he has an operation permit issued by the Health Officer or authorized agent.

Operation permits shall expire on December 31 of the third year after issuance. Completed applications for renewal shall be submitted to the Health Agency no later than October of the third year.

### 4-4 PERMIT APPLICATION

A permit application, signed by the applicant, the owner or owner's representative, shall be required for any installation of a sewage treatment and disposal system. A plan of the proposed treatment and disposal system with such data as the Health Officer may require shall be submitted on forms supplied by Health Agency. A permit fee shall be required as established by the District Board of Health.

A completed application for a construction permit for an Advanced Treatment System (ATS) shall consist of a Health Agency approved application form which contains all specified information, a certified copy of the applicant's deed or land contract, all other documents as required in the application, detailed engineered plans signed by and bearing the seal of a licensed professional engineer and the application fee. Any site modifications are to be shown in detail on the engineering plans. The applicant must provide proof of ownership by a recorded document of title. If the applicant does not own fee simple interest in the land, a consent form, approved by the Health Agency, must be signed by the owner of fee simple interest. The Health Agency shall set the application fee. An application that is not complete shall not be approved.

#### 4-5 TERM OF PERMITS

Any construction permit issued pursuant to the requirements of the preceding sections shall be valid for the term of twenty-four (24) months from the date of issuance, unless declared void as provided in the following.

Any operation permit issued pursuant to the requirements of the preceding sections shall be valid for the term of up to thirty-six (36) months from the date of issuance and expiring on December 31<sup>st</sup> of the third calendar year, unless declared void as provided in the following.

#### 4-7 PERMIT ON-SITE

A copy of the signed construction permit must be at the site of a proposed or existing residence, for which the construction permit was issued, during the construction of and until the final inspection has resulted in an approval of the sewage treatment and disposal system.

#### 4-8 REVOCATION OF CONSTRUCTION PERMITS

The construction permit for an individual sewage treatment and disposal system may be declared void by the Health Officer or the Health Officer's designee if the area designated for the system is disturbed by major filling, excavating, paving or flooding or by the availability of public sewer or by location of a water supply well or other feature so as to encroach on any required isolation distance. The construction permit may also be declared void if there is any increase in the scope of the project prior to, during or following construction of said system, if there is a failure to construct according to approved plans or if the information submitted on the application is found to be inaccurate or incomplete. No construction, alteration and/or extension shall continue without re-issuance of such construction permit.

The revocation of a permit shall be taken pursuant to notice to the permit holder by placing a notice of revocation on or at the premises and by the first class mailing of the notice of revocation to the permit holder at the mailing address of the permit holder as provided in the application for the permit. The notice of revocation shall contain the reasons for the revocation and notice that the permit holder has the right to request a meeting with the Health Officer. The request for the meeting shall be in writing and shall be made within 60 days of the date of the posting of the notice of revocation. After the meeting, the Health Officer may continue the revocation, rescind the revocation or impose such conditions of the reinstatement of the permit as are necessary to require that the sewage treatment system is constructed as required by this code. If the permit holder is not satisfied with the decision of the Health Officer after the meeting, then the permit holder may appeal the Health Officer's decision to the Board of Appeals. The appeal must be in writing and contain the reasons as to why the decision of the Health Officer is factually incorrect. The appeal must be filed with the Health Officer within 14 days after the meeting with the Health Officer. The failure of a permit holder to request a timely meeting with the Health Officer or file a timely appeal shall result in the decision of the Health Officer being a final decision. The Board of Appeals may continue the revocation, rescind the revocation or impose such conditions of the reinstatement of the permit as are necessary to require that the sewage treatment system is constructed as required by this code. The standard to be applied by the Board of

Appeals shall be whether the permit holder has shown by a preponderance of the evidence that the decision of the Health Officer is not factually accurate.

#### 4-11 CHANGES AND REVISIONS

No changes shall be made in the approved plans without the written consent of the Health Agency and the property owner or the property owner's authorized agent. A revision in development plans, constructing or installing sewage treatment and disposal facilities inconsistent with the permit or a change in site conditions will require an application for a new permit, and all sections of this code pertaining to new permits will then apply.

#### 4-13 CRITERIA FOR CONSTRUCTION PERMIT APPROVAL – CONVENTIONAL SUBSURFACE SEWAGE TREATMENT AND DISPOSAL SYSTEM

A conventional subsurface sewage treatment and disposal system may be installed at a site where all of the following site characteristics or conditions exist:

- A. A publicly operated sewage system is not available.
- B. The property served includes sufficient area for the minimum isolation distances required in Table 5-6.
- C. The soil permeability is less than sixty (60) minutes per inch.
- D. The maximum high groundwater level is greater than 5' below the natural ground surface. A vertical separation of 4' shall be provided between the infiltrative surface of subsurface soil absorption system and maximum groundwater level.
- E. In the case of property adjoining surface water, the natural ground surface is greater than 4' above the known high water mark or greater than 4' above the ordinary high water mark of Lake Michigan.
- F. Bedrock or impervious soil stratum is not within 6' of the natural ground surface.
- E. Slopes are less than twelve (12) percent.

#### 4-14 CRITERIA FOR CONSTRUCTION PERMIT APPROVAL – ELEVATED ABSORPTION FIELD (MOUND)

An elevated absorption field (mound) may be installed at a site where all of the following conditions are met:

- A. A publicly operated sewage system is not available.
- B. Suitable area meeting the requirements of Section 4-13 of this Article is not available on the site.
- C. A remote location to which sewage may be pumped meeting the requirements of Section 4-12 of this Article is not available.
- D. The minimum horizontal isolation distances required in Table 5-6 can be provided.
- E. The soil permeability is not greater than sixty (60) minutes per inch.
- F. The maximum high groundwater level is greater than 2' from the natural ground surface. A vertical separation of 4' shall be provided between the infiltrative surface of soil absorption system and maximum high groundwater level.
- G. In the case of property adjoining surface water, the natural ground surface is greater than 2' above the

known high water mark or greater than 2' above the ordinary high water mark of Lake Michigan.

- H. Bedrock or impervious soil stratum is not within 4' of the natural ground surface.
- I. The natural ground slope does not exceed twelve (12) percent.
- J. The natural ground slope does not exceed six (6) percent at a site where the soil permeability rate is greater than thirty (30) minutes per inch.
- K. Peat, muck, or marl are not present.
- L. The site is not subject to flooding.

#### 4-15 CRITERIA FOR CONSTRUCTION PERMIT APPROVAL – ADVANCED TREATMENT SYSTEM (ATS)

An Advanced Treatment System may be installed where the applicant has provided competent, material and substantive evidence which allows the Health Agency to find that all of the following standards have been met and all of the following required information has been provided:

- A. A publicly operated sewage system is not available.
- B. Suitable area meeting the requirements of Section 4-13 of this Article is not available on the site.
- C. A remote location to which sewage may be pumped meeting the requirements of Section 4-13 of this Article is not available.
- D. The minimum horizontal isolation distances required in Table 5-6 can be provided.
- E. The disposal location for effluent from an ATS shall be located a minimum of 100 feet from surface water. Where the ordinary high water mark of the body of water can or has been determined, the effluent disposal location shall be measured from that point.
- F. The soil permeability is not greater than sixty (60) minutes per inch.
- G. The proposed ATS is capable of producing effluent with:
  - a. For discharges further than 150 feet from a surface water body:
    - i. Biological Oxygen Demand (BOD<sub>5</sub>) less than or equal to 30 mg/L
    - ii. Total Suspended Solids (TSS) less than or equal to 30 mg/L
    - iii. Total Inorganic Nitrogen (TIN) less than or equal to 30 mg/L
  - b. For discharges within 150 feet from a surface water body:
    - i. Biological Oxygen Demand (BOD<sub>5</sub>) less than or equal to 30 mg/L
    - ii. Total Suspended Solids (TSS) less than or equal to 30 mg/L
    - iii. Total Inorganic Nitrogen (TIN) less than or equal to 15 mg/L
    - iv. Total Phosphorous (TP) less than or equal to 4 mg/L
- H. The maximum high groundwater level is greater than 1' from the natural ground surface. A vertical separation of 3' shall be provided between the infiltrative surface of soil absorption system and maximum high groundwater level.
- I. In the case of property adjoining surface water, the natural ground surface is greater than 2' above the known high water mark or greater than 2' above the ordinary high water mark of Lake Michigan.
- J. Bedrock or impervious soil stratum is not within 2' of the natural ground surface.

- K. The natural ground slope does not exceed twelve (12) percent.
- L. The natural ground slope does not exceed six (6) percent at a site where the soil permeability rate is greater than thirty (30) minutes per inch.
- M. Peat, muck, or marl are not present.
- N. The site is not subject to flooding. A wetland determination may be required prior to issuance of a construction permit.
- O. The application must designate a separate replacement area for the final disposal of treated wastewater that meets all requirements for ATS approval as described above. The replacement disposal area is to be an area other than the location of any preexisting (initial) disposal area.
- P. The applicant shall provide the Health Agency with the maintenance specifications of the manufacturer and the maintenance specifications of the engineer for the entire ATS.
- Q. The proposed maintenance requirements of the manufacturer and the engineer are consistent with industry standards.
- R. The applicant shall provide the Health Agency with a notarized copy of a Notice of Advanced Treatment System that has been recorded with the Register of Deeds in the county in which the premises is located and which contains the page and liber numbers of the recordation.
- S. An approved operation permit is acquired for the proposed Advanced Treatment System (ATS).

#### 4-16 CONSTRUCTION PERMIT ISSUANCE

If the proposed construction meets the requirements of this code, a construction permit shall be issued by the Health Agency.

#### 4-17 MAINTENANCE CONTRACTS – ADVANCED TREATMENT SYSTEM (ATS)

A maintenance contract shall be submitted to this Health Agency for approval and is required prior to issuance of the operation permit for an Advanced Treatment System (ATS). At a minimum the maintenance contract shall provide that:

- A. The ATS shall be inspected and the effluent sampled not less than twice annually by a maintenance contractor who shall be State of Michigan Licensed Professional Engineer, State of Michigan or nationally registered Environmental Sanitarian or a certified ATS inspector. The maintenance provider's license, registration, or certification must be current and in good standing.
- B. The maintenance contractor shall provide the Health Agency with a proposed operation and maintenance schedule for review.
- C. The first operation and maintenance inspection shall be conducted thirty (30) to ninety (90) days of ATS start-up.
- D. The inspection(s) and any regular maintenance required by the manufacturer, design engineer and operation permit shall be prepaid for three (3) years.
- E. The annual inspection shall determine and inspection report shall describe whether the ATS:
  - i. Is functioning in compliance with the standards of section 4-14(G.) and include all analytical testing which has been done to make this determination.

- ii. Continues to be compliance with the maintenance specifications of the manufacturer.
- iii. Continues to be compliance with the maintenance specifications of the engineer for the ATS.
- iv. Continues to be compliance with conditions imposed by all permits issued by the Health Agency
- v. The ATS is performing in the manner in which it was approved.

- F. The inspection report must include a description of all maintenance performed on the ATS or any of its components since the last inspection report.
- G. The maintenance contract must be assignable to subsequent owners of the premises, which is equipped with the ATS.
- H. The maintenance contractor acknowledges the obligation to notify the Health Agency of a discontinuation of services as required by Section 4-17.
- I. An inspection report shall be submitted to the Health Agency and the property owner within thirty days of any inspections required by the Health Agency.
- J. The Health Agency as deemed necessary may require additional inspections and inspection parameters.

#### 4-18 TERMINATION OF MAINTENANCE CONTRACT – ADVANCED TREATMENT SYSTEM (ATS)

The property owner and maintenance contractor shall notify the Health Agency within thirty (30) days if for any reason the services required by the maintenance contract are no longer being performed.

#### 4-19 CRITERIA FOR OPERATION PERMIT APPROVAL –ADVANCED TREATMENT SYSTEM (ATS)

An operation permit shall be issued by the Health Agency if the applicant has provided competent, material and substantive evidence which allows the Health Agency to find that all of the following standards have been met:

- A. The ATS is functioning in compliance with the standards of section 4-14(G) based on analytical analysis of the ATS and its effluent.
- B. The ATS continues to be in compliance with the maintenance specifications of the manufacturer.
- C. The ATS continues to be in compliance with the operation and maintenance specifications established by the design engineer.
- D. The property owner has a valid maintenance contract in effect as required by this code.
- E. The ATS and property owner continue to be in compliance with conditions of any permits issued by the Health Agency and the public health code.

The Health Agency may revise existing permit conditions or impose new conditions that are designed to promote compliance with the standards listed above as part of the issuance of an operational permit. An operation permit shall be valid only as long as the ATS remains in compliance with the requirements and restrictions stated on construction and operation permits as well as the performance standards outlined in 4-14(G).

#### 4-20 FAILURE OF AN ADVANCED TREATMENT SYSTEM (ATS)

If the ATS fails to meet the standards in Section 4-14(G), any provision of the maintenance contract or a condition of the construction permit or operation permit, the owner shall immediately notify the Health Officer of the failure and, at his or her sole expense, immediately enter into an agreement approved by the Health Officer to provide for the proper disposal of septage generated on the property. The Health Officer shall

approve such an agreement if it provides, in a timely manner, for the lawful disposal of septage by a State of Michigan licensed septage hauler until such time as the ATS can operate as required by the operation permit. In addition, the owner shall, at his or her own expense and within the time frame required by the Health Officer, make corrections to the ATS so that the standards of section 4-14(G) can be met without danger to public health or the environment.

#### 4-21 INSPECTIONS – ALL SEWAGE TREATMENT AND DISPOSAL SYSTEMS AND FACILITIES

The Health Officer shall make such inspections at the site as he deems necessary. The owner or his agent shall notify the Health Officer when the project is ready for inspection. Notification must be provided a minimum of two (2) working days (forty-eight hours) prior to anticipated system completion and desired final inspection by the Health Officer. The system may not be covered prior to an inspection and approval by the Health Officer except with the permission of the Health Officer and submittal of a sewage treatment and disposal system affidavit.

#### 4-22 INSPECTIONS – ELEVATED ABSORPTION SYSTEMS (MOUNDS)

For elevated absorption (mound) systems, the following inspections shall be performed and, where such inspections are performed by a registered professional engineer, the engineer shall certify the inspection on a form provided by the Health Agency:

- A. A registered professional engineer shall inspect the site immediately prior to, during and after fill placement. The engineer shall establish site benchmarks and inspect for and certify that:
  - 1. The site was properly scarified prior to fill placement.
  - 2. There was no significant compacting or smearing of the infiltrative surface.
  - 3. Acceptable fill material is used.
  - 4. Such fill is properly placed.
  
- B. The Health Officer and a registered professional engineer shall inspect the site after installation of the distribution piping but prior to final cover and shall observe the system perform during a dosing cycle. The Health Officer and a registered professional engineer shall inspect for and certify that:
  - 1. The system is properly constructed and the dosing pump is of adequate size.
  - 2. That the system is adequately and uniformly distributing the liquid.
  
- C. A registered professional engineer shall inspect the site when installation is completed. The engineer shall inspect for and certify that:
  - 1. The elevated absorption field has been properly covered and graded.
  - 2. The surface perimeter of the elevated absorption field has been stabilized to prevent erosion.
  
- D. Health Officer shall make such additional inspections at the site as the Health Officer deems necessary.

In no event shall the system be deemed an "adequate" facility for the treatment and disposal of sewage under Section 4-1 until the required inspections and certifications are satisfactorily completed and submitted to the Health Agency. Inspection by a registered professional engineer shall be at the expense of the occupant, applicant, owner, or agent. An inspection and certification by a private, registered sanitarian shall be acceptable in place of inspection and certification by a registered professional engineer as required by this Section.

#### 4-23 INSPECTIONS – ADVANCED TREATMENT SYSTEMS (ATS)

The Health Officer shall be notified in accordance with section 4-22 of this Article. The system may not be covered prior to an inspection and approval by the Health Officer.

- A. A registered professional engineer shall inspect the advanced treatment unit or facility immediately prior to, during and after installation and certify that:
1. The advanced treatment unit or facility is installed according to the engineered site plan.
  2. The advanced treatment system is installed in compliance with the ATS construction permit and all conditions.
  2. All system components and appurtenances are installed correctly.
  3. Advanced treatment unit or facility is in good working condition, functioning properly and meets all manufacturer design parameters.

If an elevated absorption field (mound) is to be used as part of the sewage treatment and disposal system the following inspections are required:

- B. A registered professional engineer shall inspect the site immediately prior to, during and after fill placement. The engineer shall establish site benchmarks and inspect for and certify that:
1. The site was properly scarified prior to fill placement.
  2. There was no significant compacting or smearing of the infiltrative surface.
  3. Acceptable fill material is used.
  4. Such fill is properly placed.
- C. The Health Officer and a registered professional engineer shall inspect the site after installation of the distribution piping but prior to final cover and shall observe the system perform during a dosing cycle. The Health Officer and a registered professional engineer shall inspect for and certify that:
1. The system is properly constructed and the dosing pump is of adequate size.
  2. That the system is adequately and uniformly distributing the liquid.
- D. A registered professional engineer shall inspect the site when installation is completed. The engineer shall inspect for and certify that:
1. The elevated absorption field has been properly covered and graded.
  2. The surface perimeter of the elevated absorption field has been stabilized to prevent erosion.
- E. Health Officer shall make such additional inspections at the site as the Health Officer deems necessary.

In no event shall the system be deemed an "adequate" facility for the treatment and disposal of sewage under Section 4-1 until the required inspections and certifications are satisfactorily completed and submitted to the Health Agency. Inspection by a registered professional engineer shall be at the sole expense of the occupant, applicant, owner, or agent. An inspection and certification by a private, registered sanitarian shall be acceptable in place of inspection and certification by a registered professional engineer as required by this Section.

#### 4-24 CONDEMNATION OF EXISTING INSTALLATIONS

The Health Officer may condemn an existing sewage treatment and disposal system, where the effluent therefrom is exposed to the surface of the ground or is permitted to drain onto the surface of the ground or into any lake, river, storm sewer or stream, or where the seepage of effluent may endanger a public or private water supply or where a public nuisance is created by a system improperly constructed or maintained. An individual sewage treatment and disposal system so condemned shall be repaired, rebuilt, or replaced by a system constructed according to provisions of this code within a period of time specified by the Health Officer.

#### 4-25 SUCCESSOR BUILDINGS

A building or mobile home using an existing sewage treatment and disposal system may be replaced or succeeded by a building or mobile home which may use the same treatment and disposal system provided approval of the Health Officer is first obtained and the system is adequate for the replacement building in terms of the stated requirements of this code. An approval fee may be set by the District Board of Health.

#### 4-26 CHANGE OF USE

Any change in use of an existing building or sewage treatment and disposal system shall require approval of the Health Officer as to the adequacy of the sewage treatment and disposal system in terms of the stated requirements of this code. An approval fee may be set by the District Board of Health.

#### 4-27 ON-SITE MAINTENANCE MONITORING SYSTEM

Each on-site sewage treatment and disposal system in Antrim, Charlevoix, Emmet, or Otsego Counties shall be listed on an On-site Sewage System Maintenance Register at the time that the Health Agency issues a construction permit and completes a final inspection of any new or replacement sewage treatment and disposal system and any sewage treatment and disposal system serviced by a licensed septage hauler in Antrim, Charlevoix, Emmet or Otsego County.

Each licensed septage hauler in the Counties of Antrim, Charlevoix, Emmet and Otsego shall, after servicing any on-site sewage treatment and disposal system, complete a pump statement on forms supplied by the Health Agency. Pump statements shall be submitted to the Health Agency where reported information will be entered into the On-site Sewage System Maintenance Registry.

The Health Agency shall establish a schedule of routine notices to owners and users of the systems on the registry concerning the operation and maintenance of the on-site system. The Health Agency will continuously evaluate and work to improve the effectiveness of the notices and other educational efforts directed at the improvement of the maintenance of on-site sewage treatment and disposal systems within the district.

### ARTICLE V                      REQUIREMENTS FOR CONSTRUCTION OF INDIVIDUAL SEWAGE TREATMENT AND DISPOSAL SYSTEMS

#### 5-1 DESIGN CRITERIA

The standards herein shall be the minimum design criteria and shall apply to sewage treatment and disposal systems for single family dwellings and duplexes.

For systems serving other establishments, including multiple dwellings, and public or semi-public buildings such as apartments, condominiums, motels, restaurants, gasoline service stations and the like, design specifications found in the "Manual of Septic Tank Practice", U.S. Public Health Services publication number 526; in the "Design Manual; Onsite Wastewater Treatment and Disposal Systems", U.S. EPA Report number EPA 625/R-00/008 (February 2002); and in the "Michigan Criteria for Subsurface Sewage Disposal, (April 1994) of the Michigan Department of Public Health will apply as a guide.

For all sewage treatment and disposal systems, plans and specifications shall be submitted. If the plans and specifications meet the requirements of this code and any applicable state statute and rules, a permit shall be issued by the Health Agency.

#### 5-2 SEPTIC TANKS

Design and construction of septic tanks shall be subject to the approval of the Health Officer prior to construction or installation. In general, the design specifications found in *Residential Wastewater Systems*,

National Association of Home Builders of the United States, 1980, as revised, or the *EPA Design Manual* shall apply as guidelines.

The minimum liquid capacity of a septic tank serving a single dwelling shall be 1,000 gallons for a dwelling having three (3) bedrooms or less, and 250 additional gallons for each additional bedroom in excess of three (3).

A septic tank owner or his agent shall regularly inspect the tank and shall arrange for the removal and safe disposal of the contents of the tank whenever the top of the sludge layer is within twelve (12) inches below the bottom of the outlet baffle, or whenever the scum layer is within three (3) inches above the bottom of the outlet baffle.

5-3 SEPTIC TANK RISERS

From and after the effective date of this code, each septic tank installed shall have a septic tank riser if the top of the septic tank is greater than 18" below finished grade. Risers shall be installed to provide access for routine maintenance, minimize odors and to prevent unauthorized / unsupervised entry.

5-4 SEPTIC TANK MARKERS

Septic tank markers shall be used to identify the outlet baffle of the septic tank when a riser is not used or necessary.

5-5 SEWAGE (EFFLUENT) FILTERS

From and after the effective date of this code, each septic system installed shall be equipped with a sewage (effluent) filter in the outlet baffle of the septic tank or in the discharge line of a pump system. If multiple tanks are installed, the filter shall be installed in the last tank.

5-6 HORIZONTAL ISOLATION REQUIREMENTS

The components of a sewage treatment and disposal system shall be located not closer than the following horizontal distances away from the item named:

**TABLE 5-6 MINIMUM HORIZONTAL ISOLATION DISTANCES  
(FEET TO SEWAGE TREATMENT AND DISPOSAL SYSTEM COMPONENT)**

FROM	<u>Absorption Field</u>	<u>Toe of Mound</u>	<u>Sewers<sup>1</sup></u>	<u>Sewers<sup>2</sup></u>	<u>Septic Tank<sup>3</sup></u>
Wells <sup>4</sup> or Suction Lines	50	50	10	50	50
Pressure Water Line (buried)	10	10	10	10	10
Property Line	10	10	10	10	10
Foundation Wall	10	10	NA	5	5
Grade Drop-Off	20	20	5	10	10
Lake, Stream or Surface Water <sup>5</sup>	100	100	10	50	50

<sup>1</sup>Cast Iron, Schedule 40 PVC (plastic) or equivalent. <sup>2</sup>Other materials, including force main. <sup>3</sup>Includes pump and dosing chambers. <sup>4</sup>Applies to individual residential water supply wells, for Type II A or B, and Type III water supplies refer to Act 399, P.A. 1978. <sup>5</sup>In the case of Lake Michigan or connected water bodies, isolation shall be measured from the Ordinary High Water Mark as defined in Article II. In the case of other

lakes or streams, isolation shall be measured from the known high water mark.

#### 5-7 FINAL TREATMENT AND DISPOSAL

Final treatment and disposal of all septic tank effluent shall be by means of application to the soil below an absorption field. The absorption field piping may flow by gravity, dosing or low pressure. The design, construction and materials of absorption fields shall be subject to the prior approval of the Health Officer.

#### 5-8 SEWAGE TREATMENT AND DISPOSAL SYSTEM EASEMENTS

Any sewage treatment and disposal system requiring off-site conveyance or disposal or that uses properties other than those where the sewage is generated must comply with the following:

- A. A third party must have unencumbered ownership of the burdened land. If the burdened land is subject to a mortgage or land contract, then the mortgagor or land contract vendor must consent in writing to the easement. The written consent shall be in recordable form and shall provide that the interest of the mortgagor or vendor is subordinate to the easement.
- B. The easement and consent/subordination document shall be in a recordable form approved by the Health Agency. The Health Agency shall determine whether the form of these documents meets this code, whether such documents are unambiguous, and whether such documents are legally binding.
- C. In addition to the application fee and prior to a decision on the application, the applicant shall reimburse the Health Agency for all attorney fees incurred by the Health Agency related to a legal review of the easement and any required subordination documents. The Agency shall set and revise the application fee as needed to cover the Health Agency's estimated costs in processing an application.
- D. If the applicant will place any portion of the sewage treatment and disposal system on a separate, legally recognized parcel, then an easement must also be prepared and recorded in accordance with this section. This condition shall be met even if the parcels are contiguous and are owned by the same person.
- E. For purposes of maintenance and repair of the sewage treatment and disposal system, the easement shall include an area, which is at least 10 feet from any portion of any component of the sewage treatment and disposal system. If the easement includes an area for a drain field, then the easement must also describe an area for a replacement drain field that is equal in size to the original drainfield.
- F. Plans must be submitted for a drainfield that will be located on burdened land. Plans shall include a survey that shows the boundaries of the burdened land and the location of the drain field. The survey shall be certified by a registered land surveyor within 30 days of the date of the submission to the Agency of the application for the sewage treatment and disposal system construction permit.
- G. If the easement is in a form which has not been pre-approved by the Health Agency, then, in addition to the requirements that are specified in section 5-8(B), the easement document must include the legal description of the easement; the legal description of the burdened land and the benefited parcel; the maximum effluent burden which can be placed on the burdened land (for example, a drain field for a three bedroom house); that there may be no increase in the effluent discharge on the burdened land without an easement amendment which has been approved by the Health Agency and the owner of the burdened land and all mortgagors and land contract vendors, if any; a requirement that there be no change in use of the benefited parcel (for example, from residential use to commercial use) without the prior approval of the Health Agency and the approval of the owner of the burdened land by an amended easement even if the amount of effluent discharge will not increase; and a requirement that the easement is binding on the estates, personal representatives, successors and assigns of all parties to the easement.
- H. The Health Agency shall require written evidence that all requirements of these regulations have been met.

- I. The Agency shall require proof that all documents which must be in recordable form have been recorded with the Antrim, Charlevoix, Emmet or Otsego County Register of Deeds prior to the issuance of the sewage treatment and disposal system construction permit.
- J. The sewage treatment and disposal system shall meet all requirements of this code as well as generally accepted standards for sewage treatment and disposal systems.
- K. Any sewage treatment and disposal system requiring an easement must obtain an operation permit from the Health Agency. The operation permit shall allow the use of off-site or remote disposal of residential or commercial wastewater for a maximum of three (3) years from the time of permit issuance. A new operation permit must be obtained every 3 years for as long as the easement is used in conjunction with a benefited parcel for the purposes of sewage conveyance and disposal and also when there is a change in use of the benefited parcel. A completed application for an operation permit for an off-site system shall consist of a Health Agency-approved application form which contains all specified information so that the Health Agency can make a determination regarding whether the standards for the issuance of the operation permit have been met. The Health Agency shall set the operation permit fee. An application that is not complete shall not be approved.
- L. An operation permit shall be issued by the Health Agency if the applicant has provided competent, material and substantive evidence which allows the Health Agency to find that all of the following standards have been met:
  - a. Septic tank risers are secure and watertight.
  - b. Sewage (effluent) filters are clean and functional.
  - c. All pumps, floats and alarms are functioning.
  - d. Adequate pressure exists to provide for proper conveyance and uniform distribution of wastewater to the final disposal area.
  - e. No evidence of failure of any component of the system or observance of sewage on the ground surface exists.

The Health Agency may impose operation permit conditions, revise existing permit conditions or impose new conditions that are designed to promote compliance with the standards listed above as part of the issuance of an operational permit. An operation permit shall be valid only as long as the sewage treatment and disposal system remains in compliance with the requirements and restrictions stated on construction and operation permits.

- M. No person shall:
  - a. Use or occupy a benefited parcel when the sewage treatment and disposal system that serves the benefited parcel is not in compliance with these regulations, the operation permit or operation permit conditions
  - b. Use or occupy a premises that is required by law to be served by a sewage treatment and disposal system when any portion of the sewage treatment and disposal system is located on 2 or more legally recognized parcels of land unless there is compliance with these regulations; or violate these regulations.

**5-9 ABSORPTION FIELD AREA**

A new absorption field shall provide bottom area for a minimum of two (2) bedrooms. An absorption field, trench or bed shall provide not less than the following basal areas for each bedroom served:

**TABLE 5-9 MINIMUM SOIL ABSORPTION FEILD BOTTOM AREA  
(SQUARE FEET PER BEDROOM)**

SOIL PERMEABILITY Min. Per Inch	SOIL TYPE	TRENCH AREA REQUIRED	BED AREA REQUIRED
Less than 6	Course to Medium Sand	125	250
6 to 10	Fine Sand	165	330
10 to 12	Loamy Sand	190	380
12 to 24	Sandy Loam	250	500
30 to 45 ++	Sandy Clay Loam	300	Not Suitable
40 to 60++	Loam, Silt Loam	330	Not Suitable
60++	Clay Loam, Silty Clay Loam Silty Clay, Clay	Not Suitable	Not Suitable

++ soils can have varying amounts of sand, silt and clay and therefore can have a wide range of permeabilities. Some soil types may exceed permeabilities listed.

Soil determinations and percolation rates are to be based on field evaluations. However, when percolation tests are conducted, the procedure for percolation tests outlined in the "Michigan Criteria for Subsurface Sewage Disposal" (April, 1994) shall be followed.

#### 5-10 ABSORPTION TRENCHES

An absorption trench shall have one (1) distribution pipe centered in the trench width. Trench spacing shall be not less than as follows:

**TABLE 5-10 MINIMUM SPACING OF ABSORPTION FIELD TRENCHES**

TRENCH BOTTOM Width (Inches)	MINIMUM SPACING Center to Center (Feet)
18 to 24	6.5
24 to 30	7.0
30 to 36	7.5

#### 5-11 ABSORPTION BEDS

An absorption bed shall have two (2) or more parallel distribution pipes. The outermost pipes shall be located not closer than six (6) inches and not further than two (2) feet from the bed side wall. The maximum spacing center to center of distribution pipes shall be four (4) feet for gravity flow and five (5) feet for low pressure distribution.

The following additional requirements shall apply to trenches and beds:

**TABLE 5-11 TRENCH AND BED CONSTRUCTION DETAILS**

ITEM	MAXIMUM	MINIMUM
Number of trenches	----	2
Length of single lateral pipe (feet)	100	----

Width of trench (inches)	36	18
Trench or bed bottom below finished grade (inches)	30	----
Depth of aggregate below laterals (inches)	----	6
Depth of aggregate above laterals (inches)	----	2
Total depth of aggregate	----	12
Below pipe within root area of trees	----	12
Size of Aggregate <sup>1</sup> (inches)	1 ½	1/2
Slope of trench or bed bottom	Level	Level
Slope of gravity flow pipe (inches per 100 feet)	6	2
Diameter of gravity flow pipe (inches)	----	4

<sup>1</sup>Clean washed stone

#### 5-12 FILTER FABRIC

Filter (geotextile) fabric is required for all soil absorption systems at the interface between the top of the stone and the final disposal field soil cover.

#### 5-13 VERTICAL ISOLATION REQUIREMENTS

Minimum vertical isolation between the infiltrative surface and the maximum high groundwater level must be maintained according to the following schedule:

**TABLE 5-13 VERTICAL ISOLATION REQUIREMENTS FOR ABSORPTION FIELDS**

System Type	Maximum High Groundwater Level
Conventional Subsurface Sewage Disposal System:	4
Elevated Absorption System (Mound):	4
Advanced Treatment System (ATS):	3

#### 5-14 PUMPING

Where site conditions require, septic effluent may be pumped to the absorption field. Pumping shall be from a separate chamber downstream from the septic tank. Pumping capacity shall be sufficient to deliver the required flow against static head and pipe friction. The pump chamber shall have a reserve volume which provides for temporary loss of power or other pump failure, and shall have a high level warning device. Design and construction of pump chambers shall be subject to the prior approval of the Health Officer. Force mains shall be adequately protected against freezing.

#### 5-15 DOSING

A sewage treatment and disposal system may include provisions for dosing the absorption field. When dosing is employed, the frequency shall be suitable for the absorption field soil texture, and the dosing volume shall be compatible with the distribution pipe volume.

#### 5-16 LOW PRESSURE DISTRIBUTION

When effluent is applied by means of low pressure distribution piping, the distribution network and its perforations (orifices) shall be sized to provide acceptably uniform application rates when lateral pipe friction is considered. As a guide, the calculated application flow rates should not differ by more than ten (10) percent in the orifices of a single lateral pipe, nor by more than fifteen (15) percent in the orifices of all the lateral pipes.

The minimum inside diameter of low pressure distribution piping shall be one (1) inch and the minimum diameter of pipe perforations shall be one quarter (1/4) inch. Orifice shields shall be utilized to uniformly distribute septic tank effluent and to prevent orifices obstruction. The design of a low pressure distribution system shall be in accordance with generally accepted engineering practices.

#### 5-17 ELEVATED ABSORPTION SYSTEM (MOUND)

An elevated absorption field (mound) shall be subject to all applicable requirements stated elsewhere in Article V, and to the following additional requirements:

- A. Preferred location shall be on level ground or at the crest of slopes. In any location, adequate means for diverting surface run-off shall be provided.
- B. An elevated absorption field on sloping ground shall have its longer dimension across the slope. Vertical requirements for isolation from water or unsuitable soils shall be measured at the up-slope edge or corner of the field.
- C. The ground below a mound shall be free of brush, stumps, and long grasses. The natural soil shall be scarified in a manner which provides good interface with the sand fill, but which does not compact or otherwise alter the soil structure. Plowing to eight (8) inches deep is an acceptable method. Rototilling is not. On sloping ground, furrows shall be made to lie across the slope. Site preparation shall not proceed when unusual moisture content has made the soil vulnerable to smearing or compacting.
- D. Mound fill material shall be subject to the prior approval of the Health Officer. The fill around and below the absorption field shall be medium textured sand. Before the absorption aggregate is placed, the fill material shall be compacted sufficiently to insure against future settlement and loss of vertical isolation distance.

The depth of the fill shall be adequate to maintain four (4) feet of vertical separation from the bed bottom to the following:

- 1. Maximum high ground water level.
  - 2. Ordinary high water mark of an adjoining lake or stream.
  - 3. Pervious or fractured rock.
  - 4. Impervious soil or rock.
- E. The absorption field area shall be as required in Table 5-8 for the fill material used. The preferred shape for a bed is long and narrow.
  - F. The base of the fill material at the natural soil (i.e., toe of mound) shall have an area which equals or exceeds the area required in Table 5-8 for the natural soil type in the column for bed bottom. On a sloping site, only the area directly below the absorption field and downslope to the toe of the mound may be considered as contributing to the required area.
  - G. Effluent shall be distributed by means of low-pressure distribution piping. Distribution piping shall be provided with a means to clean and maintain the distribution network (clean-outs, lateral sweeps etc.)
  - H. Perimeter fill material must extend from the final finished grade and extend in all directions from the absorption field in a 4:1 slope.
  - I. The covering material above the absorption field shall be loamy sand or sandy loam in texture at least six (6) inches deep at the sides and twelve (12) inches deep at the center of the field. In addition, the entire mound shall have at least six (6) inches of topsoil cover, and shall have grass cover established and maintained to prevent soil erosion.

- J. An elevated absorption system shall be designed by a registered professional engineer. The plans and specifications shall be in accordance with generally accepted engineering practices and shall bear the engineers stamp or seal.

#### 5-18 PRIVIES AND OTHER TOILET DEVICES

All privies and other toilet devices shall be constructed and maintained in accordance with Act 273, of the Public Acts of 1939 and the regulations adopted by the state council of health June 6, 1940, as last revised on July 20, 1946, entitled: "A Regulation Pertaining to the Construction and Maintenance of Outhouses and to Safeguard the Public Health by Preventing the Spread of Disease and the Existence of Sources of Contamination."

### ARTICLE VI

### VARIANCES

#### 6-1 VARIANCE AND VARIANCE STANDARDS

Where, owing to special conditions of the property, strict compliance with the provisions of this code would be physically impossible, the Health Officer shall have the power to authorize one or more variances from the requirements of this code. No such variance of the provisions of this code shall be granted unless all of the following facts and conditions exist:

- A. There are exceptional or extraordinary circumstances or conditions applicable to the property.
- B. The proposed variance will result in conditions that to provide performance and protection to persons or the environment not less than would have been provided by strict compliance with this code without the variance.

#### 6-2 WRITTEN DECISION

A decision regarding a request for a variance made by the Health Officer or Board of Appeals shall be made in writing and shall include the facts and the basis for the determination regarding whether the variance standards were met or not met.

#### 6-3 CONDITIONS ON VARIANCE

Conditions may be imposed on the variance that are designed implement compliance with the performance standards of this code or that are necessary to provide the same protection to persons or the environment as if there had been strict compliance with the provisions of this code.

#### 6-4 DENIAL OF VARIANCE – APPEAL

The denial of a variance may be appealed to the Board of Appeals.

### ARTICLE VII

### WELLS AND WATER SUPPLIES

It is hereby recognized that supply of safe potable water is fundamental to individual, public, and community health; that water supply facilities installed and operated in a proper manner are necessary for safeguarding public health; that water supplies furnishing water for human consumption need to be isolated and protected from sewage or other sources of pollution; and that contamination of water resources and supplies, or the creation of conditions menacing the public health, should be prevented.

7-1 WATER SUPPLIES

All water supplies shall be located, constructed and maintained in accordance with the specifications outlined in Act 399, P.A. 1978 and Part 127 of Act 368, P.A. 1976 and administrative rules.

7-2 PERMIT REQUIRED

From and after the effective date of this code, it shall be unlawful for any person to install a water supply within Antrim, Charlevoix, Emmet or Otsego County unless a permit has been issued by the Health Officer or his authorized agent.

7-3 PERMIT APPLICATION

An application signed by the applicant, for a permit to install a water well shall be required for any installation. A plan of the proposed water well installation, with such data as the Health Officer may require shall be submitted on forms supplied by the Health Agency. A permit fee shall be required as established by the District Board of Health.

7-4 CRITERIA FOR PERMIT APPROVAL

The Health Officer shall have the right to deny a permit where one or more of the following conditions exist:

- A. An approved community water system is available.
- B. The property served lacks sufficient area to achieve the minimum isolation distances required in Table 7-8 and in applicable state law and regulations.
- C. The site is subject to ponding or flooding.

7-5 PERMIT ISSUANCE

If the proposed installation meets the requirements of this code, a permit shall be issued by the Health Agency.

7-6 INSPECTIONS

The Health Officer shall make such inspections at the site as he deems necessary.

7-7 DEVIATION FROM TERMS OF THE PERMIT

Failure to construct according to the terms of the permit shall be deemed a violation of these regulations for which the owner and/or installer shall be held liable. Such failure may result in the revocation of the permit and proper abandonment of the well.

7-8 ISOLATION DISTANCES

A private residential well shall be located not closer than the following horizontal distances away from the source of pollution named:

**TABLE 7-8 MINIMUM HORIZONTAL ISOLATION DISTANCES**

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(FEET)	SOURCE OF POLLUTION	MINIMUM DISTANCE
--------	---------------------	------------------

Septic Tank	50
Absorption Field	50
Building Sewer of Cast Iron, Schedule 40 PVC (plastic) or equivalent	10
Building Sewer of other materials	50
Oil and Gas Wells	300
Other sources	50

Other wells shall be isolated in accordance with state statutes and administrative rules.

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7-9 CONTAMINATED WATER SUPPLIES

When at least two (2) consecutive samples of water from an existing well show coliform organisms present, such water supplies shall be considered contaminated. Consecutive samples shall mean those taken by the Health Officer at least seven (7) days apart.

Contaminated water supplies shall be repaired or replaced to meet the requirements of this code within a time period specified by the Health Officer. Contaminated water supplies which, in the judgment of the Health Officer, represent an immediate health hazard shall be posted with suitable signs at each outlet, or the outlet shall be made inoperative.

7-10 ABANDONMENT OF WELLS

A well which is no longer in service shall be properly abandoned in accordance with procedures outlined in Part 127, Act 368, of the Public Acts of 1978 and Administrative Rules.

7-11 PUMP AND WELL ROOMS

A room housing pumping equipment or the top of a well casing shall be constructed above the established ground surface and shall permit access to the pump for maintenance or repair, or may be located below grade if the containing room is located in or attached to an approved basement. In certain specific locations, a below grade installation may be permitted if approved in writing by the Health Officer.

**ARTICLE VIII PUBLIC HEALTH NUISANCES**

8-1 HEALTH OFFICER

It shall be the duty of the Health Officer to investigate all nuisances, sources of filth, and potential sources of illness that may, in his opinion, be injurious to the health of the inhabitants of Antrim, Charlevoix, Emmet and Otsego counties.

8-2 ABATEMENT

Whenever any nuisance, source of filth, or potential cause of illness shall be found, the Health Officer shall order the owner or occupant thereof to remove or abate same within a specified time, but such correction shall not be required in less than twenty-four (24) hours.

Failure to comply with such an order shall be deemed a violation of this code.

**ARTICLE IX GARBAGE AND RUBBISH**

9-1 SCOPE

These regulations are intended to complement the requirements of the Solid Waste Management Act, Act 641, of the Public Acts of 1978 and Administrative Rules promulgated pursuant to that Act.

#### 9-2 ACCUMULATION OF GARBAGE

No person shall permit to accumulate upon his premise any garbage except in durable, covered containers of rodent proof, fly proof and watertight construction. Garbage containers shall not be filled to overflowing or permitted to become foul smelling or a breeding place for vermin or flies.

#### 9-3 ACCUMULATION OF RUBBISH

No person shall permit to accumulate upon his premise any rubbish except in durable containers with close fitting covers, except that bulky rubbish such as tree limbs, weeds, large cardboard boxes, and the like, may be bundled and stored so as not to provide a harborage or breeding place for rodents.

#### 9-4 DISPOSAL OF GARBAGE AND RUBBISH

Garbage and rubbish shall be disposed of in a manner which creates neither a nuisance nor a menace to health, and in accordance with the provisions of Act 641, of the Public Acts of 1978 and Administrative Rules.

An individual disposing of garbage and rubbish from his own household upon his own property shall do so in a manner that does not create a nuisance or hazard to public health. The disposal or accumulation of garbage or rubbish that may invite the breeding or collection of flies, mosquitoes, or rodents is prohibited.

### ARTICLE X

### BOARD OF APPEALS

#### 10-1 BOARD OF APPEALS FOR EACH COUNTY

The Board of Commissioners of each county shall appoint five (5) persons who shall serve as a Board of Appeals for that county.

One (1) or more alternates may also be appointed. An alternate may serve in the absence or disqualification of a regular member of the Board of Appeals. The duty of such Board shall be to consider appeals from the decision of the officials charged with the enforcement of the code and which relate to property that is located within that county.

#### 10-2 COMPENSATION

The compensation for each member shall be that sum established for regular Board of Health meetings, and shall be paid by the County to its own Board of Appeals.

#### 10-3 APPEALS

Each appeal shall be in writing and shall be filed with the Health Officer. Such appeal must specify the following: the order, requirement, decision or determination that is being appealed; the section(s) of this code that apply to the appeal; and those facts on which the appellant will rely to support the appeal. An appeal that is incomplete is not ripe for decision by the Board of Appeals.

An appeal must be filed within thirty (30) days after the date of the decision that is being appealed. An untimely appeals shall be dismissed by the Board of Appeals. The appellant shall deposit a fee with the Health Officer when the appeal is filed. Fees for appeals shall be as established by the Board of Health.

The Health Officer shall transmit to the Board of Appeals a summary report of all previous action taken and the entire file pertaining to the subject of the appeal.

The final disposition of such appeal shall be in writing, concurred in by three (3) or more members of the Board, and may reverse, modify, or affirm the decision or the determination made by the Health Officer. The Board of Appeals may impose conditions on the appellant or the property or premises in its decision. Any such conditions shall be designed to implement compliance with the performance standards of this code or impose such conditions that are necessary to provide the same protection to persons or the environment as if there had been strict compliance with the provisions of this code.

#### 10-4 HEARINGS

The Board shall set a reasonable time for the hearing and give due notice thereof to interested parties. The Board shall decide the appeal within a reasonable time. The hearing shall be held in the county of appeal in which the property that is related to the subject matter of the appeal is located.

#### 10-5 DECISIONS

The decisions of the Board of Appeals shall be the final administrative decision, shall be in writing, and shall include specific findings of fact by the Board of Appeals, and further, shall be subject to such judicial review as by law may be provided.

#### 10-6 MEETINGS - RULES OF PROCEDURE

The Board of Appeals shall meet at such times as the Board may determine. The Board shall set a place of meeting and all meetings shall be open to the public. The Board shall adopt its own rules of procedure, and keep a record of its proceedings, showing the question(s) considered. The presence of three (3) members of the Board or alternate members of the Board shall constitute a quorum. Said meetings shall be conducted in accordance with the "Open Meetings Act", as amended.

#### 10-7 NOTICES

The Board of Appeals may send notice to the adjoining land owners surrounding the parcel of land in question, or any other interested person, but is not required to do so.

### **ARTICLE XI                    INTERPRETATION, INJUNCTIVE RELIEF, PENALTY,    SEVERABILITY AND AMENDMENTS**

#### 11-1 INTERPRETATION

Where not inconsistent with the text, words used in the present tense include the future; words in the singular include the plural; and words in the plural include the singular. The word "shall" is always mandatory and not merely directory. Words or terms not defined herein shall be interpreted in the manner of their common meaning.

#### 11-2 INJUNCTIVE RELIEF

Notwithstanding the existence or pursuit of any other remedy, the Health Officer may maintain in a court of competent jurisdiction, an action for an injunction or other process against any person to restrain or prevent violations of the code.

#### 11-3 CIVIL INFRACTION

A violation of this code shall be a municipal civil infraction as provided in MCL 600.113(c). A minimum fine of \$200.00 plus all damages, attorney fees and costs allowed by law shall be imposed for each violation. The failure to pay a court order authorized under MCL 600.8727 as amended shall allow the Health Officer to file a lien against the premises or property that is related to the violation as authorized by MCL 600.8737, as amended. Each day in which a person fails to comply with the provisions of this code shall constitute a separate and complete violation.

#### 11-4 SEVERABILITY

The provisions of this code are hereby declared to be severable and if any clause, sentence, word, section or provision is declared void or unenforceable for any reason by a court of competent jurisdiction, the remaining portions of said code shall remain in full force and effect.

#### 11-5 AMENDMENTS

The District Board of Health, with the approval of Antrim, Charlevoix, Emxnet and Otsego County Boards of Commissioners, may from time to time amend, supplement or change these regulations with the approval of all Boards. Any such amendment, supplement, or change of these regulations shall be preceded by such public hearings and notice as are required by state statute.

# Otsego County Land Use Services

1068 Cross Street  
Gaylord, Michigan 49735  
Telephone (989)731-7421  
Fax (989)731-7429  
Email: redmonds@otsegocountymi.gov

January 23, 2006

Paul Beachnau, Chairman  
Otsego County Board of Commissioners  
225 W. Main Street  
Gaylord, MI 49735

Re: Building Department 2005 Annual Report

Dear Mr. Beachnau and Members of the County Commission:

## 2005 PERMITS AND REVENUE

Attached are the reports showing the number of permits and the fees collected for the year as well as month by month. You will note that during 2005 2,417 total permits were issued, this includes building permits and permits for all trades. These are the permits that were serviced by the Building Department Staff.

During 2005 the Building Department was staffed by:

Building Official	Jerome Swantek
Office clerks	Linda Pyke
	Sharon Bollinger
Building inspector/Electrical inspector	Robert Hunt
Plumbing/mechanical inspectors	Al Haus
	Paul Hunter

There were 2 open positions throughout 2005 that were not filled. The funds from one of the positions were ultimately converted for use by Professional Contractors hired to assist as needed with Plan Reviews and Building and/or Electrical Inspections. The other position has remained open and in 2006 will be utilized for a part-time clerk that will be shared with the Equalization Department and a part-time (seasonal) Building Inspector.

I have attached the financial report for 2005 for the Building Department. At the beginning of 2005 the Board of Commissioners authorized adjustments in the fee schedule so that the Building Permit cost would take into consideration the increase in construction costs and anticipated reduction in permit activity in Otsego County. As a result of the change in the fee schedule, the permit fees that were collected in 2005 did cover the cost of operation of the Building Department without the need to use the Building Department Fund Balance. The financial report indicates that the Building Department had over \$60,000 profit in 2005, however, about \$30,000 of that was a rebate received by County Departments for health insurance savings and the report did not include payroll calculations for the last week of December.

## 2006 PERMIT FEES

Currently, Otsego County Building Permit fees are tied to the BOCA value of a structure and each year the fees must be adjusted based on the cost of materials in this area. The fee schedule represents several sets of figures that are inputted into the Building Department Computers and then calculated and added to arrive at the actual permit cost. For 2005 the National cost of materials and the local cost of materials increased about 4%.

It is requested that the Board authorize the Building Department to update the fee schedule by inserting the BOCA values used in the fee schedule and that the Board authorize the Building Department to reduce the "multiplier" used to establish the actual Permit Cost. In 2005 all costs for construction were multiplied by .0037 to create the actual permit cost. It is requested that the Building Department be authorized to reduce the multiplier to .0030 this will leave most permit costs unchanged except for Single Family Homes and Commercial Construction which will see about 4% increase.

In an effort to simplify the Building Department fee structure starting in January of 2006 the Building Department will require that all contractors or home owners provide a copy of the construction contract or for do-it-yourself projects a copy of the parts list with costs. During 2006 I will be reviewing costs of construction in an effort to establish a new fee schedule in 2007 based solely on the cost of a project as provided in the Contract or parts list. The fee will be a base dollar amount for the first \$1,000 of cost and an additional amount for each additional \$1,000 in cost. This type of fee structure is widely used down state and is simple and easy and can be calculated and understood by anyone wanting a permit.

## CUSTOMER RELATIONS

During 2005 there were less than 5 formal complaints regarding Building Department procedures. Building Official Jerry Swantek is to be commended for his role in working with contractors and architects along with the inspectors who have been helpful and serve as a resource to contractors and home owners.

It is my opinion that the secretaries and the inspectors are doing an excellent job. While we are always looking for ways to improve, I completely support the job the secretaries and inspectors are doing.

If you have any questions please feel free to call.

Sincerely,



Richard Edmonds, J.D.  
Director of Land Use Services

Revenue Report

From: 02/24/2005 To: 12/31/2005

Generated: 01/04/2006

DOES NOT INCLUDE JAN 05 DUE TO CHANGES IN COMPUTER SYSTEM

JAN 05 = 177 PERMITS \$59,012.50 REVENUE

Permit Record Type Totals	Records	Revenue
Building	932	265,580.50
Electrical	681	85,875.00
Mechanical	510	57,619.50
Plumbing	294	38,679.50
<b>Total</b>	<b>2417</b>	<b>447,754.50</b>

Permit Category Totals

Type -> Building

Category	Records	Revenue
AG EXEMPT	18	370.00
COMMERCIAL, ADD/ALTER/REPAIR	36	20,808.50
COMMERCIAL, NEW BUILDING	29	49,451.50
COMMERCIAL, UTILITY BUILDING	4	663.50
DECKS	46	2,729.00
DEMOLITION	27	1,650.00
DUPLEX	6	2,571.00
FOUNDATION ONLY	168	12,131.00
GARAGE, ATTACHED	26	4,054.00
GARAGE, DETACHED	124	17,198.00
Garage, detached	1	46.00
NO CATEGORY	1	55.50
POLE BARN	5	146.50
RE. MODULAR/BOCA	13	1,279.50
RENTAL CABIN	1	86.00
RES. ADD/ALTER/REPAIR	168	29,470.00
RES. MOBILE	5	1,105.00
RES. MODULAR HOME/HUD	20	7,946.50
RES. MODULAR/BOCA	14	10,983.00
RES. SINGLE FAMILY	172	98,679.50
Res. Single Family	1	1.00
SALES-COPIES-FIAR	4	95.50
SIGNS	19	1,950.00
TRAILER/TEMP STRUCTURE	24	2,110.00
<b>Total</b>	<b>932</b>	<b>265,580.50</b>

# OTSEGO COUNTY BUILDING & SAFETY DEPARTMENT

1066 CROSS STREET GAYLORD, MICHIGAN 49735

989-731-7400 FAX=989-731-7419

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PERMIT SUMMARY FROM: 1/01/05 TO: 1/31/05

TYPE OF PERMIT	# PERMITS	BOCA VALUE	FEEES
ADMINISTRATION	36	0	2,056.00
PARK MFG HOMES	0	0	.00
BUILDING PERMIT RENEWAL	5	0	570.50
BASEMENT & FOUNDATION	2	0	200.00
COMMERCIAL	1	111,443	556.00
COMMERCIAL-CHANGE OF USE	5	9,280,650	33,148.50
CONSTRUCTION BD/APPEALS	0	0	.00
DOUBLE WIDE MFC. HOUSING	2	243,214	1,180.00
ELECTRICAL PERMITS	39	0	4,120.00
MECHANICAL PERMITS	41	0	4,275.00
MULTI-FAMILY	0	0	.00
PLAN REVIEW FEE	12	0	6,568.50
PLUMBING PERMIT	15	0	1,850.00
RESIDENTIAL ADDITION	1	8,241	66.50
RESIDENTIAL MISC.	3	80,965	470.50
SIGN PERMIT	6	247,870	713.00
SINGLE FAMILY	4	545,953	2,699.00
SINGLE WIDE MFC. HOUSING	1	30,552	198.00
SPECIAL PERMITS	1	0	75.00
DETACHED GARAGE/SHED	3	33,456	266.00
DUPLEX	0	0	.00
TOTALS FOR TIME PERIOD	177	10,582,344	59,012.50

# OTSEGO COUNTY BUILDING & SAFETY DEPARTMENT

1066 CROSS STREET GAYLORD, MICHIGAN 49735

989-731-7400 FAX=989-731-7419

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PERMIT SUMMARY FROM: 2/01/05 TO: 2/31/05

TYPE OF PERMIT	# PERMITS	BOCA VALUE	FEEES
ADMINISTRATION	26	0	1,012.50
PARK MFG HOMES	0	0	.00
BUILDING PERMIT RENEWAL	6	0	233.00
BASEMENT & FOUNDATION	4	0	200.00
COMMERCIAL	0	0	.00
COMMERCIAL-CHANGE OF USE	2	35,000	260.00
CONSTRUCTION BD/APPEALS	0	0	.00
DOUBLE WIDE MFC. HOUSING	3	327,873	1,699.00
ELECTRICAL PERMITS	32	0	5,261.00
MECHANICAL PERMITS	27	0	2,775.00
MULTI-FAMILY	0	0	.00
PLAN REVIEW FEE	3	0	39.00
PLUMBING PERMIT	14	0	1,495.00
RESIDENTIAL ADDITION	0	0	.00
RESIDENTIAL MISC.	6	75,196	537.00
SIGN PERMIT	1	27,000	266.00
SINGLE FAMILY	5	533,357	2,606.50
SINGLE WIDE MFC. HOUSING	1	53,729	322.00
SPECIAL PERMITS	0	0	.00
DETACHED GARAGE/SHED	2	19,440	163.00
DUPLEX	0	0	.00
TOTALS FOR TIME PERIOD	132	1,071,595	16,869.00

# OTSEGO COUNTY BUILDING & SAFETY DEPARTMENT

1066 CROSS STREET GAYLORD, MICHIGAN 49735

989-731-7400 FAX=989-731-7419

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PERMIT SUMMARY FROM: 3/01/05 TO: 3/31/05

TYPE OF PERMIT	# PERMITS	BOCA VALUE	FEEES
ADMINISTRATION	48	0	2,750.00
PARK MFG HOMES	0	0	.00
BUILDING PERMIT RENEWAL	8	0	863.50
BASEMENT & FOUNDATION	1	0	58.00
COMMERCIAL	2	2,244,338	7,981.50
COMMERCIAL-CHANGE OF USE	5	498,000	2,982.00
CONSTRUCTION BD/APPEALS	0	0	.00
DOUBLE WIDE MFC. HOUSING	2	171,474	917.00
ELECTRICAL PERMITS	31	0	11,327.00
MECHANICAL PERMITS	48	0	5,696.00
MULTI-FAMILY	0	0	.00
PLAN REVIEW FEE	7	0	1,868.00
PLUMBING PERMIT	22	0	2,890.00
RESIDENTIAL ADDITION	3	81,434	500.50
RESIDENTIAL MISC.	7	178,296	1,088.00
SIGN PERMIT	1	7,800	105.00
SINGLE FAMILY	10	1,387,875	7,113.50
SINGLE WIDE MFC. HOUSING	1	52,979	320.00
SPECIAL PERMITS	2	0	61.00
DETACHED GARAGE/SHED	1	9,792	82.00
DUPLEX	0	0	.00
TOTALS FOR TIME PERIOD	199	4,631,988	46,603.00

**Permit Summary by Category**

4-1-05 / A-31-05

DATE RANGE

Category	Estimated Cost	Permit Fee	Number of Permits
<b>EXEMPT</b>	\$75,200	\$100.00	3
<b>COMMERCIAL, ADD/ALTER/REP</b>	\$29,375	\$469.00	2
<b>COMMERCIAL, NEW BUILDING</b>	\$1,892,289	\$8,002.00	2
<b>DECKS</b>	\$5,724	\$107.00	2
<b>DEMOLITION</b>	\$0	\$86.00	1
<b>ELECTRICAL</b>	\$0	\$6,341.00	39
<b>FOUNDATION ONLY</b>	\$0	\$290.00	6
<b>GARAGE, ATTACHED</b>	\$72,676	\$565.00	4
<b>GARAGE, DETACHED</b>	\$60,209	\$483.00	4
<b>MECHANICAL</b>	\$0	\$2,410.50	14
<b>PLUMBING</b>	\$0	\$3,635.00	21
<b>RES. ADD/ALTER/REPAIR</b>	\$287,499	\$2,048.00	9
<b>RES. SINGLE FAMILY</b>	\$1,235,539	\$6,829.00	7
<b>SIGNS</b>	\$1,000	\$124.00	1
<b>Totals</b>	<b>\$3,659,511</b>	<b>\$31,489.50</b>	<b>115</b>

Permit Summary by Category

51-05/5-31-05  
DATE RANGE

Category	Estimated Cost	Permit Fee	Number of Permits
<b>EXEMPT</b>	\$108,000	\$36.00	2
<b>COMMERCIAL, ADD/ALTER/REP</b>	\$103,699	\$992.00	2
<b>COMMERCIAL, UTILITY BUILDI</b>	Δ = \$25,000	\$161.00	1
<b>DECKS</b>	\$14,891	\$385.00	7
<b>DEMOLITION</b>	\$0	\$178.00	3
<b>ELECTRICAL</b>	\$0	\$5,652.50	47
<b>FOUNDATION ONLY</b>	\$0	\$580.00	10
<b>GARAGE, ATTACHED</b>	\$72,680	\$490.00	2
<b>GARAGE, DETACHED</b>	\$194,208	\$1,869.50	11
<b>MECHANICAL</b>	\$0	\$4,375.00	35
<b>PLUMBING</b>	\$0	\$4,225.00	28
<b>RES. ADD/ALTER/REPAIR</b>	\$803,010	\$5,736.50	21
<b>RES. MODULAR HOME/HUD</b>	\$180,154	\$1,070.00	2
<b>RES. MODULAR/BOCA</b>	\$118,216	\$667.00	1
<b>RES. SINGLE FAMILY</b>	\$1,022,856	\$5,757.00	7
<b>SIGNS</b>	\$0	\$344.00	1
<b>TRAILER/TEMP STRUCTURE</b>	\$40,200	\$279.00	1
<b>Totals</b>	<b>\$2,682,914</b>	<b>\$32,797.50</b>	<b>181</b>

6-1-05 - 6-30-05

### Permit Summary by Category

Category	Estimated Cost	Permit Fee	Number of Permits
EXEMPT	\$85,000	\$72.00	4
COMMERCIAL, ADD/ALTER/REP	\$246,623	\$1,023.50	2
DECKS	\$21,472	\$313.00	5
DEMOLITION	\$0	\$178.00	3
ELECTRICAL	\$0	\$7,971.00	56
FOUNDATION ONLY	\$0	\$1,335.00	18
GARAGE, ATTACHED	\$145,098	\$974.00	4
GARAGE, DETACHED	\$311,476	\$2,202.00	16
PLUMBING	\$0	\$3,910.00	25
RES. ADD/ALTER/REPAIR	\$540,264	\$4,113.00	16
RES. MODULAR HOME/HUD	\$237,177	\$1,395.00	2
RES. SINGLE FAMILY	\$2,023,853	\$11,461.00	17
SIGNS	\$8,500	\$223.00	2
<b>Totals</b>	<b>\$3,619,463</b>	<b>\$35,170.50</b>	<b>171</b>

**Revenue Report**

From: 07/01/2005 To: 07/31/2005

Generated: 08/19/2005

**Permit Category Totals**

**Type -> Building**

Category	Records	Revenue
AG EXEMPT		
COMMERCIAL, ADD/ALTER/REPAIR	1	18.00
COMMERCIAL, NEW BUILDING	3	2,472.50
DECKS	5	5,125.50
DEMOLITION	2	158.00
FOUNDATION ONLY	1	46.00
GARAGE, ATTACHED	25	2,051.00
GARAGE, DETACHED	1	1.00
POLE BARN	19	2,493.00
RES. ADD/ALTER/REPAIR	2	53.50
RES. MODULAR HOME/HUD	11	1,132.50
RES. MODULAR/BOCA	1	721.00
RES. SINGLE FAMILY	3	2,528.00
SIGNS	23	10,578.00
TRAILER/TEMP STRUCTURE	3	274.00
<b>Total</b>	<b>101</b>	<b>27,738.50</b>

**Type -> Electrical**

**Category**

Category	Records	Revenue
ELECTRICAL	69	8,416.00
<b>Total</b>	<b>69</b>	<b>8,416.00</b>

**Type -> Mechanical**

**Category**

Category	Records	Revenue
MECHANICAL	41	4,545.00
<b>Total</b>	<b>41</b>	<b>4,545.00</b>

**Type -> Plumbing**

**Category**

Category	Records	Revenue
PLUMBING	23	3,240.00
<b>Total</b>	<b>23</b>	<b>3,240.00</b>

Permit Summary by Category

8-1-05  
- 831-05

Category	Estimated Cost	Permit Fee	Number of Permits
COMMERCIAL, ADD/ALTER/REP	\$31,736	\$721.00	2
COMMERCIAL, NEW BUILDING	\$73,571	\$473.00	2
DECKS	\$7,304	\$169.00	2
DEMOLITION	\$0	\$230.00	3
DUPLEX	\$228,587	\$1,306.00	2
ELECTRICAL	\$0	\$4,630.00	38
FOUNDATION ONLY	\$0	\$1,046.00	14
GARAGE, ATTACHED	\$75,696	\$564.00	3
GARAGE, DETACHED	\$226,984	\$1,793.00	13
MECHANICAL	\$0	\$4,665.00	30
PLUMBING	\$0	\$3,115.00	22
RES. ADD/ALTER/REPAIR	\$149,482	\$1,660.50	10
RES. MOBILE	\$38,080	\$63.00	1
RES. MODULAR HOME/HUD	\$91,142	\$510.00	1
RES. MODULAR/BOCA	\$299,472	\$1,036.00	1
RES. SINGLE FAMILY	\$1,360,700	\$7,577.00	9
SALES-COPIES-FIAR	\$0	\$86.00	1
SIGNS	\$6,000	\$119.00	1
<b>Totals</b>	<b>\$2,588,754</b>	<b>\$29,763.50</b>	<b>156</b>

### Permit Summary by Category

9-1-05/9-30-05

Category	Estimated Cost	Permit Fee	Number of Permits
EXEMPT	\$43,656	\$54.00	3
COMMERCIAL, ADD/ALTER/REP	\$76,029	\$1,188.00	3
COMMERCIAL, NEW BUILDING	\$401,005	\$2,378.00	4
COMMERCIAL, UTILITY BUILDING	\$40,000	\$115.00	1
DECKS	\$15,016	\$387.00	6
DEMOLITION	\$0	\$86.00	1
ELECTRICAL	\$0	\$7,726.00	57
FOUNDATION ONLY	\$0	\$2,266.00	32
GARAGE, ATTACHED	\$46,916	\$386.00	3
GARAGE, DETACHED	\$265,880	\$2,101.00	17
MECHANICAL	\$0	\$6,770.00	52
PLUMBING	\$0	\$4,622.50	40
RES. ADD/ALTER/REPAIR	\$155,220	\$1,959.00	22
RES. MOBILE	\$44,998	\$340.00	1
RES. MODULAR HOME/HUD	\$296,961	\$1,791.00	4
RES. MODULAR/BOCA	\$222,433	\$1,282.00	1
RES. SINGLE FAMILY	\$1,361,366	\$7,454.00	6
SIGNS	\$8,592	\$256.00	3
TRAILER/TEMP STRUCTURE	\$1,185,520	\$819.00	13
<b>Totals</b>	<b>\$4,163,592</b>	<b>\$41,980.50</b>	<b>270</b>

### Permit Summary by Category

10-1-05 / 10-31-05

Category	Estimated Cost	Permit Fee	Number of Permits
AG EXEMPT	\$69,020	\$36.00	2
COMMERCIAL, ADD/ALTER/REP	\$495,284	\$3,076.00	4
COMMERCIAL, NEW BUILDING	\$1,439,846	\$7,569.50	6
COMMERCIAL, UTILITY BUILDING	\$49,058	\$384.50	2
DECKS	\$4,686	\$112.00	3
DEMOLITION	\$0	\$224.00	4
ELECTRICAL	\$0	\$8,264.00	68
FOUNDATION ONLY	\$0	\$1,616.00	25
GARAGE, ATTACHED	\$63,908	\$535.00	3
GARAGE, DETACHED	\$319,328	\$2,400.00	13
MECHANICAL	\$0	\$4,600.00	39
PLUMBING	\$0	\$3,540.00	27
RES. ADD/ALTER/REPAIR	\$523,133	\$4,256.00	22
RES. MODULAR HOME/HUD	\$177,302	\$739.00	2
RES. MODULAR/BOCA	\$502,846	\$2,685.00	4
RES. SINGLE FAMILY	\$2,598,796	\$14,566.00	17
TRAILER/TEMP STRUCTURE	\$0	\$189.00	3
<b>Totals</b>	<b>\$6,243,207</b>	<b>\$54,792.00</b>	<b>245</b>

Permit Summary by Category

NOVEMBER 05

Category	Estimated Cost	Permit Fee	Number of Permits
EXEMPT	\$14,688	\$18.00	1
COMMERCIAL, ADD/ALTER/REP	\$112,376	\$1,651.00	3
COMMERCIAL, NEW BUILDING	\$678,674	\$3,950.00	4
DECKS	\$3,080	\$103.00	2
DEMOLITION	\$0	\$264.00	4
ELECTRICAL	\$0	\$6,539.00	52
FOUNDATION ONLY	\$0	\$1,219.00	19
GARAGE, DETACHED	\$101,456	\$1,232.00	6
MECHANICAL	\$0	\$5,260.00	44
PLUMBING	\$0	\$3,295.00	23
RES. ADD/ALTER/REPAIR	\$172,854	\$1,816.00	9
RES. MOBILE	\$34,652	\$243.00	1
RES. MODULAR HOME/HUD	\$68,464	\$427.00	1
RES. SINGLE FAMILY	\$2,228,403	\$14,998.00	15
<b>Totals</b>	<b>\$3,414,647</b>	<b>\$41,015.00</b>	<b>185</b>

Permit Summary by Category

12/1/05 - 12/31/05

Category	Estimated Cost	Permit Fee	Number of Permits
EMPT	\$24,480	\$18.00	1
COMMERCIAL, ADD/ALTER/REP	\$1,342,916	\$3,595.00	2
COMMERCIAL, NEW BUILDING	\$2,447,294	\$11,620.00	1
DECKS	\$1,353	\$144.00	3
DEMOLITION	\$0	\$46.00	1
DUPLEX	\$125,422	\$763.00	2
ELECTRICAL	\$0	\$2,866.00	24
FOUNDATION ONLY	\$0	\$293.00	5
GARAGE, DETACHED	\$65,280	\$588.00	3
MECHANICAL	\$0	\$2,500.00	25
PLUMBING	\$0	\$2,200.00	15
RENTAL CABIN	\$1	\$86.00	1
RES. ADD/ALTER/REPAIR	\$194,917	\$1,449.00	6
RES. MOBILE	\$32,202	\$234.00	1
RES. MODULAR HOME/HUD	\$86,792	\$494.00	1
RES. MODULAR/BOCA	\$307,437	\$1,719.00	2
RES. SINGLE FAMILY	\$986,782	\$5,411.00	7
AILER/TEMP STRUCTURE	\$1	\$86.00	1
<b>Totals</b>	<b>\$5,614,877</b>	<b>\$34,112.00</b>	<b>102</b>

01/24/2006  
14:12:17

OTSEGO COUNTY  
YEAR-TO-DATE BUDGET REPORT

FOR 2005 13

ACCOUNTS FOR:	BUILDING INSPECTION FUND	ORIGINAL APPROP	TRANSFRS/ ADJUSTMTS	REVISED BUDGET	YTD ACTUAL	ENC/REQ	AVAILABLE BUDGET	PCT USED
2490025	GEN REV - UNRSTRCT INVEST EARN							
2490025	664010 INTEREST - GENERAL	0	0	0	-3,096.08	.00	3,096.08	100.0%
	TOTAL GEN REV - UNRSTRCT INVEST EARN	0	0	0	-3,096.08	.00	3,096.08	100.0%
2490030	GENERAL REVENUE - OTHER REV							
2490030	694000 OTHER INCOME - OVER AND SHO	0	0	0	498.00	.00	-498.00	100.0%*
	TOTAL GENERAL REVENUE - OTHER REV	0	0	0	498.00	.00	-498.00	100.0%
2490050	BUDGETED USE OF FB							
2490050	699030 OTHER SOURCE - TRANSFERS	0	0	0	-31,529.67	.00	31,529.67	100.0%
	TOTAL BUDGETED USE OF FB	0	0	0	-31,529.67	.00	31,529.67	100.0%
2490260	PUBLIC SAFETY - CHG FOR SVCS							
2490260	451010 BUS LIC - BUILDING PERMITS	-295,000	-41,000	-336,000	-445,914.50	329.00	109,585.50	132.6%
2490260	451040 BUS LIC - ELECTRICAL PERMITS	-85,000	0	-85,000	-32,051.00	.00	-52,949.00	37.7%*
2490260	451050 BUS LIC - MECHANICAL PERMIT	-75,000	0	-75,000	-24,803.00	.00	-50,197.00	33.1%*
2490260	451060 BUS LIC - PLUMBING PERMITS	-40,000	0	-40,000	-15,959.50	.00	-24,040.50	39.9%*
2490260	642020 SALES - GENERAL	0	0	0	85.00	.00	-85.00	100.0%*
2490260	655050 FINES - NSF CHECK CHG	0	0	0	40.00	.00	-40.00	100.0%*
	TOTAL PUBLIC SAFETY - CHG FOR SVCS	-495,000	-41,000	-536,000	-518,603.00	329.00	-17,726.00	96.7%
249E371	BUILDING INSPECTION DEPT							
249E371	703010 REG EMP - DEPT DIR/COMM	30,408	0	30,408	29,831.92	.00	575.99	98.1%
249E371	703030 REGULAR - HOURLY	256,467	-19,500	236,967	218,154.48	.00	18,812.48	92.1%
249E371	703050 LONGEVITY	430	0	430	410.00	.00	20.00	95.3%
249E371	703070 OVERTIME	0	5,000	5,000	5,642.10	.00	-642.10	112.8%*

HEALTH INSURANCE  
REBATE

01/24/2006  
14:12:17

OTSEGO COUNTY  
YEAR-TO-DATE BUDGET REPORT

FOR 2005 13

ACCOUNTS FOR:	BUILDING INSPECTION FUND	ORIGINAL APPROP	TRANSFRS/ADJUSTMTS	REVISED BUDGET	YTD ACTUAL	ENC/REQ	AVAILABLE BUDGET	PCT USED
249E371	704110 HOSPITALIZATION	99,149	-2,000	97,149	68,404.46	.00	28,744.16	70.4%
249E371	704140 LIFE AND DISABILITY	3,665	0	3,665	2,686.48	.00	978.24	73.3%
249E371	704200 SOCIAL SEC CONTRIBUTIONS	21,946	0	21,946	19,271.12	.00	2,674.81	87.8%
249E371	704300 RETIREMENT CONTRIBUTIONS	34,245	0	34,245	28,510.37	.00	5,734.23	83.3%
249E371	704400 EDUCATION AND TRAINING	1,500	1,000	2,500	2,447.00	.00	53.00	97.9%
249E371	704500 UNEMPLOYMENT COMPENSATION	2,423	0	2,423	2,864.04	.00	-441.54	118.2%*
249E371	704600 WORKERS COMPENSATION	3,676	0	3,676	5,769.31	.00	-2,092.93	156.9%*
249E371	704700 PAYMENTS IN LIEU OF INSURAN	0	2,000	2,000	5,626.44	.00	-3,626.44	281.3%*
249E371	704800 SICK PAY BUY OUT	7,377	0	7,377	3,618.07	.00	3,759.42	49.0%
249E371	726000 SUPPLIES - GENERAL	2,000	2,500	4,500	4,488.38	.00	11.62	99.7%
249E371	726050 REPAIRS AND MAINTENANCE SVC	1,500	1,000	2,500	1,740.54	.00	759.46	69.6%
249E371	726200 BOOKS AND PERIODICALS	1,000	0	1,000	562.17	.00	437.83	56.2%
249E371	801020 PROFESSIONAL	0	16,000	16,000	14,246.40	1,450.00	303.60	98.1%
249E371	920200 WATER/SEWAGE	0	0	0	375.42	.00	-375.42	100.0%*
249E371	920400 REPAIRS AND MAINTENANCE SVC	0	1,000	1,000	417.69	.00	555.36	44.5%
249E371	920510 RENTAL - LAND AND/OR BLDG	34,900	0	34,900	34,900.08	26.95	-.08	100.0%*
249E371	930210 TELEPHONE	1,500	0	1,500	3,450.48	.00	-1,950.48	230.0%*
249E371	930230 CELLULAR	0	500	500	108.78	.00	22	100.0%*
249E371	930300 ADVERTISING	0	0	0	499.78	.00	-108.54	100.0%*
249E371	930450 SHIPPING AND MAILING	1,000	1,000	2,000	1,271.81	.00	728.19	63.6%
249E371	930500 TRAVEL	0	1,000	1,000	814.46	.00	185.54	81.4%
249E371	930600 MEMBERSHIP AND DUES	1,500	0	1,500	1,145.00	325.00	30.00	98.0%
249E371	930610 NATURAL GAS	4,000	0	4,000	4,213.85	.00	-213.85	105.3%*
249E371	930620 ELECTRICITY	4,050	0	4,050	2,136.19	.00	1,913.81	52.7%
249E371	930660 GASOLINE	5,000	0	5,000	5,556.60	.00	-556.60	111.1%*
249E371	940000 INSIDE PURCHASED SERVICES	9,059	0	9,059	12,389.32	.00	-3,330.32	136.8%*
249E371	999000 TRANSFER OUT	0	4,500	4,500	4,500.00	.00	.00	100.0%
TOTAL BUILDING INSPECTION DEPT		526,794	14,000	540,794	486,052.50	1,801.95	52,939.66	90.2%
249E901 CAPITAL OUTLAY								
-----								
249E901 970450 PROPERTY - SOFTWARE		0	0	0	4,567.47	.00	-4,567.47	100.0%*
TOTAL CAPITAL OUTLAY		0	0	0	4,567.47	.00	-4,567.47	100.0%*
TOTAL BUILDING INSPECTION FUND		31,794	-27,000	4,794	-62,110.78	2,130.95	64,773.94	-1251.1%
TOTAL REVENUES		-495,000	-41,000	-536,000	-552,730.75	329.00	16,401.75	
TOTAL EXPENSES		526,794	14,000	540,794	490,619.97	1,801.95	48,372.19	
PRIOR FUND BALANCE					168,632.03			
CHANGE IN FUND BALANCE					62,110.78			
CURRENT FUND BALANCE					230,742.81			

INCOME  
AFTER  
EXPENSES

02/01/2006  
13:13:21

OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT  
PREPAID INVOICE LIST

WARRANT: B3006-5 02/01/2006

VENDOR VENDOR NAME R INVOICE PO TYPE DUE DATE AMOUNT VOUCHER CHECK COMMENT

CASH ACCOUNT: 0001A 001000 CASH

1208 MERS 00160830 DD 01/20/2006 33,253.24 14464 722 RU03 - MERS BILLING DEC 200

33,253.24 CASH ACCOUNT 0001A 001000 TOTAL

02/01/2006  
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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

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DETAIL INVOICE LIST

CASH ACCOUNT: 0001A      001000 CASH      WARRANT: B2006-5      02/01/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
1091 IMPREST CASH - JURY FUND	1 101E131 930940	2	CIRCT CT	INV WITNESS	01/31/2006	337.50	05-17813-SM	14440	
1091 IMPREST CASH - JURY FUND	1 101E131 930940	2	CIRCT CT	INV WITNESS	01/31/2006	31.40	J-05-058-NA	14439	
3574 ACCU-FAX SERVICES	1 645E172 726900	0	ADMIN	INV ADMIN SEAR	02/01/2006	55.00	2006016-049	14425	
1390 ADE INC	1 101E130 970450	0	TRIAL CT	INV PROP-SFTWR	01/20/2006	300.00	61016	14414	
1570 ALLTEL	1 249E371 930230	0	BUILDING	INV CELL PH	02/01/2006	167.53	140080945316	14478	
1570 ALLTEL	1 588E699 930210	0	OPERATIONS	INV TELEPHONE	02/01/2006	129.88	469046873316	14480	
1570 ALLTEL	1 101E721 930230	0	PLAN ZONE	INV CELL PH	02/01/2006	300.75	580049614216	14479	
3563 ALPINE ELECTRIC CORP	1 2490260 451010	0	P/S CHG/SV	INV BLDG PRMTS	02/01/2006	238.00	REFUND	14468	
2337 ALPINE PLUMBING & HEATING	1 2490260 451010	0	P/S CHG/SV	INV BLDG PRMTS	02/01/2006	30.00	REFUND	14469	
2863 ANGEL OPPERMAN	1 212E430 940010	0	ANM CTRL	INV OUTSIDE	02/01/2006	75.00	0116	14493	
2863 ANGEL OPPERMAN	1 212E430 940010	0	ANM CTRL	INV OUTSIDE	02/01/2006	375.00	1-16-06	14486	

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

DETAIL INVOICE LIST

CASH ACCOUNT: 0001A 001000 CASH WARRANT: B2006-5 02/01/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
1412 ARCH WIRELESS	1 101E130 920520	0	TRIAL CT	INV RENT-VEHC	01/28/2006	19.61	P7380748A	14415	
						CHECK TOTAL			
						19.61			
1377 ARROW UNIFORM RENTAL	1 588E699 725025	1	69900038	INV OPERATIONS	02/01/2006	60.78	05986475	14497	
						CHECK TOTAL			
						60.78			
1377 ARROW UNIFORM RENTAL	1 637E265 725046	2	BLDG GRNDS	INV UNIFORM	02/01/2006	927.30	968500-97580	14473	
						CHECK TOTAL			
						927.30			
3571 BOUGHNER, DAVID & CONNIE	1 0701L 275000	0	GEN AGENCY	INV DUE TXPYR	01/20/2006	332.09	TO-PAY-2003	14405	
						CHECK TOTAL			
						332.09			
1046 CDW GOVERNMENT INC	1 101E130 725000	0	TRIAL CT	INV SUPPLIES	01/20/2006	17.16	VD90953	14406	
						CHECK TOTAL			
						17.16			
1047 CELLULAR ONE	1 101E301 930210	0	SHERIFF	INV TELEPHONE	02/01/2006	77.58	001229070106	14487	
	2 101E351 930210		JAIL	INV TELEPHONE		30.90			
						CHECK TOTAL			
						108.48			
1047 CELLULAR ONE	1 101E267 930210	0	PROSECUTOR	INV TELEPHONE	02/01/2006	36.17	00253281205	14472	
						CHECK TOTAL			
						36.17			
2064 CENTURYTEL	1 261E427 930210	0	EMGR SVCS	INV TELEPHONE	02/01/2006	86.46	300045160110	14482	
						CHECK TOTAL			
						86.46			
3404 CHARTER COMMUNICATIONS	1 595E351 726000	0	JAIL COMM	INV SUPPLIES	02/01/2006	51.24	5020002-1205	14470	
						CHECK TOTAL			
						51.24			
1051 CITY OF GAYLORD	1 212E430 920200	0	ANM CTRL	INV H2O/SEWAGE	02/01/2006	105.24	7TH-ST-0106	14491	
						CHECK TOTAL			
						105.24			

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

DETAIL INVOICE LIST

CASH ACCOUNT: 0001A 001000 CASH WARRANT: B2006-5 02/01/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
1051	CITY OF GAYLORD	0		INV	02/01/2006				
	1 281E537 920200	AIRPORT		H2O/SEWAGE		16.33	AIRPT-TERM01	14520	
1051	CITY OF GAYLORD	0	69900026	INV	02/01/2006	16.33	BUS	14499	
	1 588E699 920200	OPERATIONS		H2O/SEWAGE		72.18	CROSS-0106	14505	
1051	CITY OF GAYLORD	0		INV	02/01/2006				
	1 637E265 920200	BLDG GRNDS		H2O/SEWAGE		185.22	CTHS0106	14506	
1051	CITY OF GAYLORD	0		INV	02/01/2006				
	1 637E265 920200	BLDG GRNDS		H2O/SEWAGE		437.17	LIVSTN-A-010	14507	
	2 637E265 920200	BLDG GRNDS		H2O/SEWAGE		97.07	S-ILLI-0106	14504	
1051	CITY OF GAYLORD	0		INV	02/01/2006				
	1 637E265 920200	BLDG GRNDS		H2O/SEWAGE		108.49			
1051	CITY OF GAYLORD	0		INV	02/01/2006				
	1 637E265 920200	BLDG GRNDS		H2O/SEWAGE		20.24			
1938	COCM	0	37100006	INV	02/01/2006	125.00	2006-DUES	14495	
	1 249E371 930600	BUILDING		MEMB/DUES		1,041.94			
3585	DEBBIE COMBER	0		INV	02/01/2006				
	1 294E683 930999	VET TRUST		OTH SVCS		385.00	08474-RENT	14521	
1059	CONSUMERS ENERGY	0		INV	02/01/2006				
	1 637E265 930620	BLDG GRNDS		ELECTRIC		322.33	031812040106	14512	
1059	CONSUMERS ENERGY	0		INV	02/01/2006				
	1 637E265 930620	BLDG GRNDS		ELECTRIC		64.85	034136090106	14510	
1059	CONSUMERS ENERGY	0	21200018	INV	02/01/2006	64.85	037730020105	14492	
	1 212E430 930620	ANM CTRL		ELECTRIC		188.03	03810800106	14511	
1059	CONSUMERS ENERGY	0		INV	02/01/2006				
	1 637E265 930620	BLDG GRNDS		ELECTRIC		3,662.05	160324720610	14481	
1059	CONSUMERS ENERGY	0	69900005	INV	02/01/2006	1,496.48	37510080106	14513	
	1 588E699 930620	OPERATIONS		ELECTRIC					
1059	CONSUMERS ENERGY	0		INV	02/01/2006				
	1 588E699 930620	OPERATIONS		ELECTRIC					



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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

DETAIL INVOICE LIST

CASH ACCOUNT: 0001A 001000 CASH WARRANT: B2006-5 02/01/2006

VENDOR G/L ACCOUNTS R PO TYPE DUE DATE AMOUNT INVOICE VOUCHER CHECK

2 637E265 930610 CITY BLDG GRNDS NATURL GAS 956.59

CHECK TOTAL 5,264.65  
10,622.59

1082 DUNNS  
1 101E141 726000 FOC 1 INV 01/31/2006  
2 215E141 726000 FOC SUPPLIES

CHECK TOTAL 2,256.75  
398.25

2071 FIFTH THIRD BANK  
1 101E141 930150 FOC 0 INV 01/30/2006  
2 215E141 930150 FOC SVC CHGS

CHECK TOTAL 102.00  
18.00

1107 FUELMAN OF MICHIGAN  
1 588E699 930660 OPERATIONS 0 INV 02/01/2006  
2 637E265 930660 BLDG GRNDS GAS  
3 212E430 930660 ANN CTRL  
4 249E371 930660 BULDING GAS  
5 101E301 930660 SHERIFF GAS  
6 261E427 930660 EMGR SVCS GAS  
7 588E699 930660 OPERATIONS GAS  
8 210E651 700000 AMBULANCE CU EXPENSE

CHECK TOTAL 1,354.07  
137.68  
88.08  
136.68  
553.77  
23.00  
41.66  
713.13

1107 FUELMAN OF MICHIGAN  
1 588E699 930660 OPERATIONS 0 INV 02/01/2006  
2 588E699 930660 OPERATIONS GAS  
3 637E265 930660 BLDG GRNDS GAS  
4 212E430 930660 ANN CTRL GAS  
5 249E371 930660 BULDING GAS  
6 281E537 930660 AIRPORT GAS  
7 101E301 930660 SHERIFF GAS  
8 210E651 700000 AMBULANCE CU EXPENSE

CHECK TOTAL 1,553.47  
40.99  
161.72  
36.87  
84.90  
41.58  
692.36  
549.87

3561 KEVIN & SAMANTHA JOHNSON  
1 07011 255000 GEN AGENCY 0 21200014 INV 02/01/2006  
CUST DEP

CHECK TOTAL 25.00  
25.00

1724 KALKASKA COUNTY GENERAL FUND 0  
1 101E133 940010 JAIBG UNSHARED INV 01/31/2006  
OUTSIDE

CHECK TOTAL 2,489.54  
2,489.54

3,048.07 NP4012794 14525

NP3932982 14524

532371 14463

REFUND 14484

12-02-05 14430

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

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apwarrant

DETAIL INVOICE LIST

CASH ACCOUNT: 0001A      001000 CASH      WARRANT: B2006-5      02/01/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
3573 TERESA KAPILLER	1 0701L 255000	0	21200021	GEN AGENCY CUST DEP	02/01/2006	55.00	REFUND	14490	
CHECK TOTAL						55.00			
1747 KEVIN KING	1 101E166 964000	0	PMLY CNSL	INV REFUNDS	01/30/2006	175.00	010906	14434	
CHECK TOTAL						175.00			
3185 JANET LEE	1 101E130 930830	0	TRIAL CT	INV CARE GIVER	01/31/2006	180.00	123105	14411	
CHECK TOTAL						180.00			
1496 MAXIMUS INC	1 101E141 920400	0	FOC	MAINT SVC	01/31/2006	714.00	1032094-001	14432	
2 215E141 920400	FOC			MAINT SVC		126.00			
CHECK TOTAL						840.00			
3564 KAREN MENDOLIA	1 0701L 255000	0	21200015	GEN AGENCY CUST DEP	02/01/2006	55.00	refund	14483	
CHECK TOTAL						55.00			
1180 MECHANICAL INSPECTORS ASSOCI	1 249E371 930600	0	37100001	BUILDING MEMB/DUES	02/01/2006	65.00	06-DUES	14477	
CHECK TOTAL						65.00			
1205 MARGARET MONACO	1 101E130 930830	0	TRIAL CT	INV CARE GIVER	01/31/2006	30.00	011606	14438	
2 101E130 930500	TRIAL CT			TRAVEL		4.73			
CHECK TOTAL						34.73			
3560 SANDY MOULAND	1 0701L 255000	0	21200013	GEN AGENCY CUST DEP	02/01/2006	25.00	REFUND	14485	
CHECK TOTAL						25.00			
1223 NMCOA	1 249E371 930600	0	37100005	BUILDING MEMB/DUES	02/01/2006	195.00	DUES-06	14494	
CHECK TOTAL						195.00			

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT  
DETAIL INVOICE LIST

CASH ACCOUNT: 0001A      001000 CASH      WARRANT: B2006-5      02/01/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
3434	NORTHWESTERN BANK-CARDMEMBER 0			INV	02/01/2006				
	1 101E133 726200		LAWLB UNSHARED	BOOKS		497.20	JAN-2006	14527	
	2 0701L 232001		GEN AGENCY	GOLF		86.00			
	3 64SE172 726900		ADMTN	ADMTN SEAR		275.80			
	4 101E253 930150		TREASURER	SVC CHGS		35.00			
				CHECK TOTAL		894.00			
						894.00			
2283	PLUMBING INSPECTORS ASSOCIAT 0		37100004	INV	02/01/2006				
	1 249E371 930600		BUILDING	MEMB/DUES		70.00	DUES-HAUS06	14476	
				CHECK TOTAL		70.00			
						70.00			
1006	DEBBIE RUTKOWSKI			INV	01/31/2006				
	1 101E131 801030	1	CIRCT CT	TECHNICAL		56.40	011306	14416	
				CHECK TOTAL		56.40			
						56.40			
3566	BRENT SNYDER			INV	02/01/2006				
	1 249E371 930600	0	BUILDING	MEMB/DUES		220.95	STUDY	14496	
				CHECK TOTAL		220.95			
						220.95			
3578	TASA			INV	01/31/2006				
	1 101E131 930940	0	CIRCT CT	WITNESS		1,500.00	MI-50-0177	14442	
				CHECK TOTAL		1,500.00			
						1,500.00			
1347	TELEPHONE SUPPORT SYSTEMS			INV	01/31/2006				
	1 101E130 920400		TRIAL CT	MAINT SVC		65.00	34281	14418	
				CHECK TOTAL		65.00			
						65.00			
1347	TELEPHONE SUPPORT SYSTEMS			INV	01/31/2006				
	1 101E130 920400		TRIAL CT	MAINT SVC		32.50	34284	14419	
				CHECK TOTAL		32.50			
						32.50			
1347	TELEPHONE SUPPORT SYSTEMS			INV	01/31/2006				
	1 101E141 930210		FOC	TELEPHONE		35.06	34299	14420	
	2 215E141 930210		FOC	TELEPHONE		6.19			
				CHECK TOTAL		41.25			
						138.75			
1979	THERESA'S TRANSCRIPTION SERV 0			INV	01/20/2006				
	1 101E131 801030		CIRCT CT	TECHNICAL		96.35	5880	14413	
				CHECK TOTAL		96.35			
						96.35			
1979	THERESA'S TRANSCRIPTION SERV 0			INV	01/31/2006				
	1 101E131 801030		CIRCT CT	TECHNICAL		32.90	6023	14436	
				CHECK TOTAL		32.90			
						129.25			

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

DETAIL INVOICE LIST

CASH ACCOUNT: 0001A 001000 CASH

WARRANT: B2006-5 02/01/2006

VENDOR	G/L	ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
3071	TITLE CHECK LLC		0		INV	01/20/2006				
	1 516E253	920410 SVC C TRS DELQ			SVC CNTRCT		2,472.85	1-12-0PT	14423	
3071	TITLE CHECK LLC		0		INV	01/20/2006				
	1 516E253	920410 SVC C TRS DELQ			SVC CNTRCT		3,354.78	CERT-MAIL-CO	14421	
3071	TITLE CHECK LLC		0		INV	01/20/2006				
	1 516E253	920410 SVC C TRS DELQ			SVC CNTRCT		525.00	PROP-VISIT-C	14422	
					CHECK TOTAL		6,352.63			
1321	US POSTAL SERVICE		0		INV	01/20/2006				
	1 101E141	930450 FOC			SHIP/MAIL		4,250.00	315067934-05	14404	
	2 215E141	930450 FOC			SHIP/MAIL		750.00			
					CHECK TOTAL		5,000.00			
1321	US POSTAL SERVICE		0		INV	01/20/2006				
	1 101E130	930450 TRIAL CT			SHIP/MAIL		10,000.00	35941319-05	14403	
					CHECK TOTAL		10,000.00			
1429	UNITED WISCONSIN GROUP		0		INV	02/01/2006				
	1 0704L	231870 PAYROLL			INS-LIFE/D		3,473.10	02-2006	14424	
					CHECK TOTAL		3,473.10			
1429	UNITED WISCONSIN GROUP		0		INV	02/01/2006				
	1 101E130	704140 TRIAL CT			LIFE/DISAB		640.96	800268-FEB06	14441	
	2 101E130	704140 CRCCF TRIAL CT			LIFE/DISAB		62.75			
	3 101E130	704140 KLCCF TRIAL CT			LIFE/DISAB		41.70			
	4 101E130	704140 OTCCF TRIAL CT			LIFE/DISAB		55.70			
	5 101E130	704140 JAIBG TRIAL CT			LIFE/DISAB		22.68			
	6 101E130	704140 CIRCT CT			LIFE/DISAB		19.08			
	7 101E141	704140 FOC			LIFE/DISAB		204.93			
	8 215E141	704140 FOC			LIFE/DISAB		36.18			
					CHECK TOTAL		1,083.98			
1122	VERIZON NORTH		0		INV	02/01/2006				
	1 637E265	930210 BLDG GRNDS			TELEPHONE		33.05	0403080106	14515	
1122	VERIZON NORTH		0		INV	02/01/2006				
	1 101E864	930210 DISTRIBUTE			TELEPHONE		1,465.38	8712280106	14516	
1122	VERIZON NORTH		0		INV	02/01/2006				
	1 101E228	930210 IT			TELEPHONE		210.00	9403010106	14517	

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OTSAGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT  
DETAIL INVOICE LIST

CASH ACCOUNT: 0001A 001000 CASH WARRANT: B2006-5 02/01/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
1122	VERIZON NORTH 1 101E267 920410	0	26700007	INV	02/01/2006	35.98	989705727301	14502	
			PROSECUTOR	SVC CNTRCT					
						35.98			
						1,744.41			
1122	VERIZON NORTH 1 101E141 930210 2 215E141 930210	0		INV	02/06/2006	61.34	01-16-06	14465	
			FOC	TELEPHONE		10.83			
			FOC	TELEPHONE					
						72.17			
						72.17			
1413	WASTE MANAGEMENT 1 637E265 940010	0		INV	02/01/2006	1,368.27	NOV-JAN	14475	
			BLDG GRNDS	OUTSIDE					
						1,368.27			
						1,368.27			
1869	WEST PAYMENT CENTER 1 101E133 726200 2 269E145 726210	0		INV	01/20/2006	84.23	810536324	14410	
			UNSHARED	BOOKS		65.12			
			LAW LIB	ELC SUBSC					
						149.35	810538011	14408	
1869	WEST PAYMENT CENTER 1 101E133 726200 2 269E145 726210	0		INV	01/20/2006	84.23	810538032	14409	
			UNSHARED	BOOKS		170.83			
			LAW LIB	ELC SUBSC					
						391.81			
						690.51			
2860	WINN TELECOM 1 588E699 930210	0	69900051	INV	02/01/2006	499.96	70517860106	14500	
			OPERATIONS	TELEPHONE					
						499.96	989732421801	14519	
2860	WINN TELECOM 1 281E537 930210	0		INV	02/01/2006	135.11			
			AIRPORT	TELEPHONE					
						135.11			
						635.07			
1914	XEROX CORPORATION 1 588E699 940010	0	69900043	INV	02/01/2006	53.09	014787857	14498	
			OPERATIONS	OUTSIDE					
						53.09	014896437	14503	
1914	XEROX CORPORATION 1 101E267 920410	0	26700008	INV	02/01/2006	291.41			
			PROSECUTOR	SVC CNTRCT					
						291.41	014896443	14501	
1914	XEROX CORPORATION 1 588E699 940010	0	69900050	INV	02/01/2006	124.77			
			OPERATIONS	OUTSIDE					
						124.77			



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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

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DETAIL INVOICE LIST

CASH ACCOUNT: 0001A      001000 CASH      WARRANT: B2006-6      02/03/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
3007	INTERNAL REVENUE SERVICE	1		INV	02/03/2006	258.42	LT-CP568	14552	
	1 645E201 930150			FINANCE		258.42			
				SVC CHGS		258.42			
				CHECK TOTAL		258.42			
				WARRANT TOTAL		258.42			
				CASH ACCOUNT BALANCE		3,957,486.92			

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

WARRANT SUMMARY

WARRANT: B2006-6 02/03/2006

FUND ORG ACCOUNT AMOUNT AVBL BUDGET

645 645E201 FINANCE DEPARTMENT 645-01-191-00-201-000-000-930-150- SERVICE CHARGES 258.42 -5116.63

CASH ACCOUNT 0001A 001000 BALANCE 3,957,486.92 FUND TOTAL 258.42

WARRANT SUMMARY TOTAL

GRAND TOTAL

258.42

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

DETAIL INVOICE LIST

CASH ACCOUNT: 0001A      001000 CASH      WARRANT: B2006-6      02/08/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
1268	7TH PROBATE/FAMILY COURT	0		INV	02/07/2006	2,520.00	12-31-05	14450	
	1 292E662 930810		CHILD CARE	OTHR INST		2,520.00			
						CHECK TOTAL			
1570	ALLTEL	0		INV	02/07/2006	129.88	469046873302	14562	
	1 588E699 930210		OPERATIONS	TELEPHONE		129.88			
						CHECK TOTAL			
1016	ALPINE EXECUTIVE CENTER	0		INV	02/10/2006	5,178.28	020106	14546	
	1 101E141 920510		FOC	RENT-BIDG		5,178.28			
	2 215E141 920510		FOC	RENT-BIDG		913.81			
						CHECK TOTAL			
1019	ALPINE OIL COMPANY INC	0		INV	02/07/2006	1,108.40	31253	14565	
	1 281E537 930662		AIRPORT	DIESEL		1,108.40			
						CHECK TOTAL			
1504	AMERICAN FIDELITY ASSURANCE	0		INV	02/01/2006	171.00	88809	14535	
	1 0704L 231280 COURT PAYROLL			AMER FID		171.00			
						CHECK TOTAL			
1504	AMERICAN FIDELITY ASSURANCE	1		INV	02/10/2006	242.99	020106	14548	
	1 0704L 231280 COURT PAYROLL			AMER FID		242.99			
						CHECK TOTAL			
1412	ARCH WIRELESS	0		INV	02/07/2006	536.38	051373360206	14559	
	1 261E427 920410		EMGR SVCS	SVC CNTRCT		536.38			
						CHECK TOTAL			
3587	BAY COUNTY SHERIFF DEPT	0		INV	02/10/2006	23.85	011306	14532	
	1 101E130 930450		TRIAL CT	SHP/MAIL		23.85			
						CHECK TOTAL			
3588	NICKI J. BLOOM, CER	0		INV	02/10/2006	25.00	05-8470-MT	14550	
	1 101E130 940010		TRIAL CT	OUTSIDE		25.00			
						CHECK TOTAL			
2575	ROBERT J. BUTTS	0		INV	02/10/2006	14533	01-2-06	14533	

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

DETAIL INVOICE LIST

CASH ACCOUNT: 0001A      001000 CASH      WARRANT: B2006-6      02/08/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
1341 WILLIAM L CAREY	1 101E131 801020	0		DIRCT CT	02-01-06	12,034.39	02-01-06	14534	
	2 0101A 072120			GF ASSET		7,356.86			
	3 0101A 072140			GF ASSET		9,483.13			
						28,874.38			
						CHECK TOTAL			
						28,874.38			
2592 CATHOLIC HUMAN SERVICES	1 292E662 801030	0		CHILD CARE	11-30-05	20.00	11-30-05	14462	
						20.00			
2592 CATHOLIC HUMAN SERVICES	1 292E662 801030	0		CHILD CARE	12-31-05	20.00	12-31-05	14451	
						20.00			
						40.00			
						CHECK TOTAL			
						40.00			
1441 CHEBOYGAN COUNTY TREASURER	1 588E699 940010	0		OPERATIONS	02/07/2006	621.40	02/07/2006	14561	
						621.40			
						621.40			
						CHECK TOTAL			
						621.40			
1813 CYNTHIA COLB	1 292E662 930700	0		CHILD CARE	DEC.-2005	441.44	DEC.-2005	14458	
						441.44			
						441.44			
						CHECK TOTAL			
						441.44			
1059 CONSUMERS ENERGY	1 281E537 930620	0		AIRPORT	02/07/2006	273.42	02/07/2006	14569	
						273.42			
						273.42			
						CHECK TOTAL			
						273.42			
1865 CORRECTIONAL MANAGEMENT	1 292E662 930810	0		CHILD CARE	02/07/2006	7,956.00	02/07/2006	14455	
						7,956.00			
						7,956.00			
						CHECK TOTAL			
						7,956.00			
3005 CORTEZ, DAVID	1 292E662 930500	0		CHILD CARE	02/07/2006	111.60	02/07/2006	14452	
	2 292E662 930830			CHILD CARE		45.00			
						156.60			
						156.60			
						CHECK TOTAL			
						156.60			
3579 CORTEZ, KATHY	1 292E662 930830	0		CHILD CARE	02/07/2006	45.00	02/07/2006	14453	
						45.00			
						45.00			
						CHECK TOTAL			
						45.00			

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

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DETAIL INVOICE LIST

CASH ACCOUNT: 0001A 001000 CASH WARRANT: B2006-6 02/08/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
3576 DAVID A DEAN	1 0701L 275000	0		GEN AGENCY	INV 01/26/2006 DUE TXPYR	18.97		OVER-PAY	14429
						CHECK TOTAL			
						45.00			
1492 DTE ENERGY	1 637E265 930610	0		BLDG GRNDS	INV 02/07/2006 NATURL GAS	1,572.33	11600043026		14570
1492 DTE ENERGY	1 637E265 930610	0		BLDG GRNDS	INV 02/07/2006 NATURL GAS	901.89	116000680206		14571
1492 DTE ENERGY	1 637E265 930610	0		BLDG GRNDS	INV 02/07/2006 NATURL GAS	353.93	128000140206		14572
1492 DTE ENERGY	1 637E265 930610	0		BLDG GRNDS	INV 02/07/2006 NATURL GAS	414.52	133000140206		14573
1492 DTE ENERGY	1 637E265 930610	0		BLDG GRNDS	INV 02/07/2006 NATURL GAS	5,767.11	390000180206		14574
1492 DTE ENERGY	1 637E265 930610	0		BLDG GRNDS	INV 02/07/2006 NATURL GAS	1,100.42	390000340206		14575
						CHECK TOTAL			
						1,110.20			
1103 SHERRY FORBES	1 101E141 726025	0		FOC	INV 02/10/2006 JANITORIAL	255.00	020106		14545
	2 215E141 726025	0		FOC	JANITORIAL	45.00			
						CHECK TOTAL			
						300.00			
1107 FUELMAN OF MICHIGAN	1 637E265 930660	0		BLDG GRNDS	INV 02/07/2006 GAS	210.27	NP4108552		14568
	2 212E430 930660			ANN CTRL	GAS	116.43			
	3 249E371 930660			BUILDING	GAS	124.97			
	4 101E301 930660			SHERIFF	GAS	632.79			
	5 261E427 930660			EMGR SVCS	GAS	33.63			
	6 101E721 930660			PLAN ZONE	GAS	39.16			
	7 588E699 930660			OPERATIONS	GAS	1,683.11			
	8 210E651 700000			AMBULANCE	CU EXPENSE	459.58			
						CHECK TOTAL			
						3,299.94			
1785 GRACE CENTER	1 292E662 801030	0		CHILD CARE	INV 02/07/2006 TECHNICAL	525.69	1-5-06		14457

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

DETAIL INVOICE LIST

CASH ACCOUNT: 0001A 001000 CASH WARRANT: B2006-6 02/08/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
3586 JACKSON CIVIL PROCESS, LLC	1 101E130 930450	0	TRIAL CT	INV SHIP/MAIL	02/10/2006	22.88	2006000136	14531	
				CHECK TOTAL		22.88			
3349 KENQUEST	1 292E662 930810	0	CHILD CARE	INV OTHER INST	02/07/2006	4,383.71	1-3-06	14460	
				CHECK TOTAL		4,383.71			
1003 BRENDA KERLIN	1 101E130 940010	0	TRIAL CT	INV OUTSIDE	02/10/2006	125.00	12506	14528	
				CHECK TOTAL		125.00			
1186 MICHIGAN COUNTIES WORKERS	1 101E131 704600	0	CHRCCT CT	INV WORK COMP	02/01/2006	112.01	6838	14537	
	2 101E130 704600		TRIAL CT	WORK COMP		1,802.16			
	3 101E130 704600		TRIAL CT	WORK COMP		300.02			
	4 101E130 704600		TRIAL CT	WORK COMP		154.29			
	5 101E130 704600		TRIAL CT	WORK COMP		221.14			
	6 101E130 704600		TRIAL CT	WORK COMP		132.52			
	7 101E141 704600		TRIAL CT	WORK COMP		1,183.06			
	8 215E141 704600		TRIAL CT	WORK COMP		208.80			
				CHECK TOTAL		4,114.00			
1205 MARGARET MONACO	1 101E130 930830	0	TRIAL CT	INV CARE GIVER	02/10/2006	30.00	013006	14549	
				CHECK TOTAL		30.00			
2453 BRENDAN MURPHY	1 0701L 271148	0	GEN AGENCY	INV RESTITUT	02/07/2006	445.76	909	14446	
				CHECK TOTAL		445.76			
1207 MUSKEGON RIVER YOUTH HOME	1 292E662 930810	0	CHILD CARE	INV OTHER INST	02/07/2006	6,138.00	3302	14461	
				CHECK TOTAL		6,138.00			
1239 OTSEGO COUNTY	1 0701L 274000	0	TAX05 GEN AGENCY	INV UNDIST TAX	01/26/2006	103,541.18	ANIMAL-06-MI	14538	
				CHECK TOTAL		103,541.18			

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

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DETAIL INVOICE LIST

CASH ACCOUNT: 0001A 001000 CASH

WARRANT: B2006-6 02/08/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
1239	OTSEGO COUNTY 1 0701L 274000 TAX05 GEN AGENCY	0		INV UNDIST TAX	02/26/2006	43,098.24		DEC-MILL-COL 14539	
				CHECK TOTAL		103,541.18			
1239	OTSEGO COUNTY 1 0701L 274000 TAX05 GEN AGENCY	0		INV UNDIST TAX	02/26/2006	43,098.24		DEC-MILL-COL 14539	
				CHECK TOTAL		43,098.24			
1239	OTSEGO COUNTY 1 0701L 274000 TAX05 GEN AGENCY	0		INV UNDIST TAX	02/26/2006	101,746.47		SPORTSPLEX 14540	
				CHECK TOTAL		101,746.47			
2357	OTSEGO LAKE CORNER STORE 1 0701L 271148	0	GEN AGENCY	INV RESTITUT	01/24/2006	100.00	911	14443	
				CHECK TOTAL		100.00			
2511	PITNEY BOWES, INC-SUPPLIES 1 101E141 726000 FOC 2 215E141 726000 FOC	0		INV SUPPLIES SUPPLIES	02/10/2006	70.11 12.37	857699	14530	
				CHECK TOTAL		82.48			
2544	PITNEY BOWES PURCHASE POWER 1 249E371 930450 BUILDING	0	37100012	INV SHIP/MAIL	02/07/2006	850.00	09880455	14563	
				CHECK TOTAL		850.00			
1554	REDWOOD TOXICOLOGY LABORATOR 1 292E662 930999	0	CHILD CARE	INV OTH SVCS	02/07/2006	132.00	12259200512	14456	
				CHECK TOTAL		132.00			
1267	ROYAL LINEN SERVICE 1 101E141 726000 FOC 2 215E141 726000 FOC	1		INV SUPPLIES SUPPLIES	02/10/2006	26.32 4.65	140414	14547	
				CHECK TOTAL		30.97			
1006	DEBBIE RUTKOWSKI 1 101E131 801030	1	CIRCT CT	INV TECHNICAL	02/10/2006	42.30	05-3307-FH	14551	
				CHECK TOTAL		42.30			
1544	GLORIA SAWYER 1 292E662 930830	0	CHILD CARE	INV CARE GIVER	02/07/2006	37.50	1-8-06	14459	
				CHECK TOTAL		37.50			

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

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DETAIL INVOICE LIST

CASH ACCOUNT: 0001A 001000 CASH

WARRANT: B2006-6 02/08/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
1432 THOMAS SAWYER									
1 292E662	930500	0		CHILD CARE TRAVEL	02/07/2006	93.20	1-8-06	14454	
2 292E662	930830			CHILD CARE CARE GIVER		34.50			
				CHECK TOTAL		127.70			
						127.70			
3593 SCHMIDT ENGINEERING & EQUIPM									
1 281E537	920400	0		MAINT SVC AIRPORT	02/07/2006	57.91	120582	14564	
				CHECK TOTAL		57.91			
						57.91			
3006 SAULT STE MARIE TRIBE - CHIP									
1 292E662	930810	0		CHILD CARE OTHR INST	02/07/2006	1,560.00	12-31-05	14447	
				CHECK TOTAL		1,560.00			
						1,560.00			
1295 STATE OF MICHIGAN									
1 0701L	228016	0		GEN AGENCY PSTL PRMT	02/02/2006	320.00	JAN-06-M-E	14541	
				CHECK TOTAL		320.00			
						320.00			
1298 STATE OF MICHIGAN									
1 0701L	228042	1		GEN AGENCY ST CRT FND	02/02/2006	370.00	JAN-06	14542	
2 0701L	228037			GEN AGENCY CRIME VICT		393.08			
3 0701L	228057			GEN AGENCY JUROR COMP		50.00			
4 0701L	228058			GEN AGENCY CIVIL FILE		2,023.00			
5 0701L	228059			GEN AGENCY JUSTICE SYS		518.00			
6 0701L	228060			GEN AGENCY AG OPER		60.00			
				CHECK TOTAL		3,414.08			
						3,414.08			
1299 STATE OF MICHIGAN									
1 0701L	228042	0		GEN AGENCY INV 02/02/2006	02/02/2006	210.00	JAN-06	14543	
2 0701L	228006			GEN AGENCY PRB SH FEE		431.41			
3 0701L	228037			GEN AGENCY CRIME VICT		36.00			
4 0701L	228059			GEN AGENCY JUSTICE SYS		155.00			
5 0701L	228058			GEN AGENCY CIVIL FILE		1,138.00			
				CHECK TOTAL		1,970.41			
						1,970.41			
1920 STATE OF MICHIGAN									
1 0701L	228005	0		GEN AGENCY INV 02/02/2006	02/02/2006	14.00	JAN-06	14544	
				CHECK TOTAL		14.00			
						14.00			

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OTSSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

DETAIL INVOICE LIST

CASH ACCOUNT: 0001A 001000 CASH WARRANT: B2006-6 02/08/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	INVOICE	VOUCHER	CHECK
3584 UNCLAIMED PROPERTY DIVISION	1 0701L 268000	0	GEN AGENCY	INV	01/26/2006	236.06	ESCHEATS	14466	
				CHECK TOTAL		236.06			
3584 UNCLAIMED PROPERTY DIVISION	1 0701L 268000	0	GEN AGENCY	INV	01/26/2006	478.72	ESCHEATS-05	14467	
				CHECK TOTAL		478.72			
1320 UNDERGROUND SECURITY COMPANY	1 101E130 726000	0	TRIAL CT	INV	02/10/2006	62.10	6748	14529	
				CHECK TOTAL		62.10			
2454 UP RENTAL	1 0701L 271148	0	GEN AGENCY	INV	02/07/2006	20.00	910	14445	
				CHECK TOTAL		20.00			
1870 UPS	1 101E215 930450	0	CLERK/ROD	INV	02/02/2006	10.95	424006046	14536	
				CHECK TOTAL		10.95			
3366 ROBERT VAUGHN	1 0701L 271148	0	GEN AGENCY	INV	02/07/2006	200.00	908	14444	
				CHECK TOTAL		200.00			
1122 VERIZON NORTH	1 261E427 930210	0	EMGR SVCS	INV	02/07/2006	421.93	989900988102	14560	
				CHECK TOTAL		421.93			
1462 VOLUNTEER CENTER OF OTSEGO	1 292E662 930830	0	CHILD CARE	INV	02/07/2006	1,000.00	1-5-06	14449	
				CHECK TOTAL		1,000.00			
2056 WEDGEWOOD CHRISTIAN SERVICES	1 292E662 801030	0	CHILD CARE	INV	02/07/2006	743.36	1-13-06	14448	
				CHECK TOTAL		743.36			
3594 ANETTA WEST	1 588E699 930600	0	OPERATIONS	INV	02/07/2006	261.00	REIMB	14567	
				CHECK TOTAL		261.00			

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OTSEGO COUNTY  
ACCOUNTS PAYABLE WARRANT REPORT

DETAIL INVOICE LIST

CASH ACCOUNT: 0001A      001000 CASH      WARRANT: B2006-6      02/08/2006

VENDOR	G/L ACCOUNTS	R	PO	TYPE	DUE DATE	AMOUNT	CHECK TOTAL	INVOICE	VOUCHER	CHECK
1914 XEROX CORPORATION	1 101E864 920410	0		INV 02/07/2006		244.21		015178717	14577	
1914 XEROX CORPORATION	1 101E864 920410	0		SVC CNTRCT		244.21		015178718	14579	
1914 XEROX CORPORATION	1 101E864 920410	0		INV 02/07/2006		303.00		015178719	14576	
1914 XEROX CORPORATION	1 101E864 920410	0		SVC CNTRCT		300.48		015178720	14581	
1914 XEROX CORPORATION	1 101E864 920410	0		INV 02/07/2006		244.21		015178721	14580	
1914 XEROX CORPORATION	1 101E864 920410	0		SVC CNTRCT		303.00		015178722	14578	
69 INVOICES						244.21				
						1,639.11				
						341,005.45				
						3,890,730.67				

WARRANT TOTAL 341,005.45  
CASH ACCOUNT BALANCE 3,890,730.67