

East Bay Charter Township

3

Charter Township of East Bay
Ordinance No. 85-1-WR and Ordinance No. 85-100-2

Amendment No. 3

That Ordinance 85-1-WR an ordinance to provide for the operation and maintenance of the East Bay Charter Township Water system and Ordinance #81-100-W an ordinance to provide for the operation and maintenance of the East Bay Charter Township Water system and to regulate the use of the township water system and to establish remedies and fix penalties for violations.

Section 5B Rates to be charged for service furnished by the Well System shall be as follows:

Effective February 1, 2009 water use charges to each benefit served by the Well System shall be \$19.00 for the first 600 cubic feet or less per month and a rate of \$2.15 per 100 cubic feet for usage above the initial 600 cubic feet per month with an annual January 1st increase of 3.5% thereafter.

**EAST BAY CHARTER TOWNSHIP
STATE OF MICHIGAN
RESOLUTION NO. 2008-02**

**RESOLUTION ESTABLISHING CHARGES PURSUANT TO TOWNSHIP WATER
ORDINANCE NO. 85-1-WR and ORDINANCE NO. 85-100-2**

At a regular meeting of the Township Board for the Township of East Bay Charter, Grand Traverse County, Michigan, held in the Township Hall located at 1965 N. Three Mile Road, Traverse City, Michigan, on the 11TH day of February 2008.

PRESENT: Strait, Goodrich, Bartlett, Courtade, Friend, Lile

ABSENT: McAllister

The following resolution was offered by Bartlett and supported by Goodrich.

WHEREAS, East Bay Charter Township adopted an ordinance to provide for the operation and maintenance of the East Bay Charter Township Water system by adopting Ordinance #85-1-WR on April 22, 1985 and as amended and,

WHEREAS, East Bay Charter Township adopted a water service and use ordinance being ordinance #81-100-W on March 23, 1981 to regulate the use of the township water system and to establish remedies and fix penalties for violations and,

WHEREAS, Section 5B of Ordinance #85-1-WR, as amended authorizes the East Bay Charter Township Board to determine water use charges including operation and maintenance as well as the authority of the township board to fix from time to time special rates or charges and;

WHEREAS, Article 10 of Ordinance #81-100-W authorizes the East Bay Charter Township Board to set by resolution permit and other fees, charges for services and equipment, security deposits and rates for water;

NOW THEREFORE BE IT RESOLVED that the following charges are hereby adopted

pursuant to the authority of the East Bay Charter Township Board granted in Ordinance # 85-1-WR, as amended and Ordinance 81-100-W:

For the privilege of connecting to the township well systems there shall be paid on behalf of each user-customer desiring service from the system the following charges:

1. Benefit Charges:

- A. Areas receiving water services from the Township owned well system \$3,900.00

The Benefit Charge for connection of premises other than single family residences shall be in the appropriate amount specified above, multiplied by the factors provided in table 1 (as amended and attached to this resolution) provided, however, that the minimum Benefit Charge shall be that specified above for a single family residence.

2. Water Service Charges:

- A. Area receiving water service from the Township owned wells systems:
 - 1. \$12.00 for the first 600 cubic feet or less per month and a rate of \$1.85 per 100 cubic feet for usage above the initial 600 cubic feet, then increase the use rate on an annual basis by \$.50 and the commodity rate by \$.10 as spelled out in the chart below.

January 1, 2007 \$12.50 1st 600 cu.ft. and \$1.95 per 100 cu. ft. over
January 1, 2008 \$13.00 1st 600 cu.ft. and \$2.05 per 100 cu. ft. over
January 1, 2009 \$13.50 1st 600 cu.ft. and \$2.15 per 100 cu. ft. over
January 1, 2010 \$14.00 1st 600 cu.ft. and \$2.25 per 100 cu. ft. over
January 1, 2011 \$14.50 1st 600 cu.ft. and \$2.35 per 100 cu. ft. over

2. Customers that have a six-inch or larger water meter that serves a privately developed utility (as regulated by the Michigan Department of Commerce, Mobile Home and Land resource Division) may, at the township's discretion, utilize a bulk water rate of \$1.30 per 100 cubic feet for all usage. Usage shall be computed on a monthly basis and billed quarterly. An annual rate increase by \$.10 per 100 cubic feet for all usage as spelled out in the chart below.

January 1, 2007	\$1.30 per 100 cu. ft.
January 1, 2008	\$1.40 per 100 cu. ft.
January 1, 2009	\$1.50 per 100 cu. ft.
January 1, 2010	\$1.60 per 100 cu. ft.
January 1, 2011	\$1.70 per 100 cu. ft.

3. Service Lead (from public water line to property line)

All service leads to be on a time and material basis, plus 15% but with a minimum amount as follows:

1" service lead	\$510.00
1 1/2" service lead	\$950.00
2" service lead	\$1,285.00

4. Building Service (supply meter horn and supply install meter and remote reading device)

Meter and horn costs are quoted on a yearly basis from the manufacturer. Update cost annually based on quotes, plus 15%, plus labor.

5. Permits and Inspection Fees
(New Service leads and building services)

Filing Fee	\$ 10.00
Inspection fee	55.00
Each Re-Inspection	10.00
Inspection on Privately Constructed Service Leads	75.00

6. Supply Construction Water

Residential buildings (1 and 2 family)	\$10.00
Commercial Buildings (all others)	25.00

7. Turn-on and Turn-off Charges \$10.00

If final and initial reading is on regular reading date, there is no charge for final or initial reading.

No turn-on or turn-off, or final readings will be made after regular hours except under unusual conditions. The fee will be time and material.

There will be no charge for emergency turn-off.

8. Fire Hydrant Use and Permit

Fire hydrant permit from April 15th to October 15th

Use of hydrant for the first 30 days with

2,000 cu. ft. of water \$50.00
Plus equipment deposit

Everyday over the first month of rental
will be an extra: \$2.00 per day

After October 15th, there may be an additional charge for time and materials due to seasonal preparations.

9. Meter Testing and Repair

Large meters (over 1 1/2")
Testing intervals based on AWWA Standards
Testing cost will be billed back to customer/owner on a time
and material basis plus 15%.

10. System Lateral Benefit Charges

There shall be paid a lateral benefit charge on behalf of any premises making a direct private service line connection to any water line of this East Bay Charter Township water system listed below. The lateral benefit charge is based on cost and footage of the property abutting the line being connected to. Such lateral benefit charge shall be computed by multiplying the front footage of the premises that is connected to said line times the lateral costs specified for that water line. The lateral benefit charge shall be paid in full at the time that application for a connection permit is made. The following water lines are subject to a lateral benefit charge.

1. Three Mile Road - A water main which extends from a point approximately 149 feet south of Hammond Road (north line of Parcel 28-03-230-002-00) south along Three Mile Road approximately 2467 feet to the east and west 1/4 line of Section 30 (south line of parcel 28-03-230-003-00). Lateral cost is \$17.51 per foot.
2. Three Mile Road - A water main which extends from a point approximately 149 feet south of Hammond Road (north line of Parcel 28-03-230-002-00) north to a point approximately 600 feet north from the center line of Hammond Road (north property line of parcel 28-03-220-038-10). Lateral cost is \$22.58 per foot.

11. Private Fire Protection Lines

For customers with private fire protection lines, the fire protection charge is as follows (unmetered) (billed quarterly):

2" or small service	\$ 40.00 per quarter
4" service	\$160.00 per quarter
6" service	\$300.00 per quarter
8" service	\$550.00 per quarter

The benefit or connection charge shall be: \$3,900.00

Upon a roll call vote, the following voted:

YES: Bartlett, Goodrich, Friend, Courtade, Strait, Lile

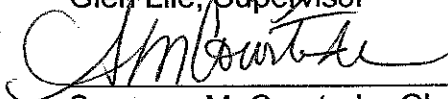
NO: NONE

ABSTAIN: NONE

ABSENT: McAllister

RESOLUTION DECLARED ADOPTED this 11th day of February, 2008.

By: 
Glen Lile, Supervisor


Susanne M. Courtade, Clerk

I, the undersigned, the Clerk of the Charter Township of East Bay, Grand Traverse County, Michigan, do hereby certify that the foregoing is a true and complete copy of certain proceedings taken by said municipality of East Bay Charter Township at its regular meeting held on Monday, February 11, 2008, relative to adoption of the resolution therein set forth; that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

Dated: February 11, 2008

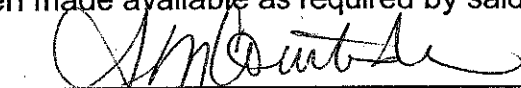

Susanne M. Courtade, Clerk

TABLE 1

Schedule of Residential Equivalents

<u>Use</u>	<u>Single Family Residential Equivalent</u>
Apartment	1.0 per unit
Auto Dealers & Repair Facilities	.30 per service stall (plus office & sales)
Banks	.50 per 1000 sq. ft.
Barber Shops	1.0 per shop plus .10 per chair
Bar	.166 per seat
Beauty Shops	1.0 per shop plus .10 per chair
Bowling Alleys	.16 per alley
Car Wash	
manual/wand type	1.0 per stall
out of car operation	
automatic/with or without attendant	12.0 per lane.
driver may stay in car	
Churches	1.0 plus .10 per 1000 sq. ft.
Cleaners	1.5 per 1000 sq. ft. plus 2.0 per press
Clothing or Shoe Stores Men or Women	.50 per 1000 sq. ft.
Clinics - Medical or Dental	1.0 per doctor
Convalescent or Nursing Homes	.22 per bed
Drapery Shop or Fabric Retail Store	.50 per 1000 sq. ft.
Drug Store	.50 per 1000 sq. ft.

TABLE 1 (continued)

Restaurants - Food & Beverage	.125 per seat
Restaurants - Food Only	.10 per seat
Roller Rinks	1.00 per 1000 sq. ft.
Schools	.67 per classroom
Service Stations (plus retail & repair stalls)	.25 per fill up location
Snack Bars - Drive In Restaurants	.10 per seat and or stall
Stores - other than listed	.50 per 1000 sq. ft.
Swimming Pools	1.00
Tennis Courts	1.00 per 1000 sq. ft.
Theaters - Drive In Indoor	.008 per car space .50 per 1000 sq. ft.
Warehouse/Storage	.10 per 1000 sq. ft.
Single Family Residence	1.00 per residence
Two Family Residence	1.00 per residence

February 11, 2008

**EAST BAY TOWNSHIP
SUMMARY OF OPTIONS TO CONSIDER FOR WATER INCREASES:**

Examples are starting with increase of \$17 as of 1/1/09 and increasing 3.5%, over 600 cubic ft. charge increase 10 cents annually
 Net and Fund Balance examples include depreciation expense of \$80,762 annually

NET no change \$13	NET with Increase		NET with Increase		NET with Increase		NET with Inc. \$19	
	\$17 and 3.5% inc yrlly	\$19 and 3.5% inc yrlly	\$17 and \$19	\$21 and 3.5% inc yrlly	Inc DPW Budget	and 3.5% inc yrlly Inc DPW Budget	and 3.5% inc yrlly Inc DPW Budget	Difference 3.5% and 5%
2009 \$	(148,257) \$	(75,829) \$	36,656 \$	(2,339) \$	(134,095) \$	(97,439) \$	(97,439) \$	36,657
2010 \$	(87,654) \$	(10,231) \$	39,355 \$	68,663 \$	(70,536) \$	(31,181) \$	(31,181) \$	39,355
2011 \$	(25,405) \$	57,673 \$	42,207 \$	142,469 \$	(4,743) \$	37,464 \$	37,464 \$	42,207
2012 \$	140,248 \$	254,514 \$	44,610 \$	344,123 \$	189,913 \$	234,523 \$	234,523 \$	44,610
2013 \$	227,396 \$	374,461 \$	47,092 \$	469,042 \$	307,599 \$	354,691 \$	354,691 \$	47,092
2014 \$	284,214 \$	465,954 \$	49,655 \$	565,669 \$	396,751 \$	446,406 \$	446,406 \$	49,655
2015 \$	309,553 \$	527,708 \$	52,508 \$	632,932 \$	456,084 \$	508,593 \$	508,593 \$	52,508
TOTAL \$	700,097 \$	1,594,251 \$	312,083 \$	2,220,560 \$	1,140,973 \$	1,453,057 \$	1,453,057 \$	312,084

Cash Balance No Change	Cash with Increase		Cash with Increase		Cash with Inc. \$19		Cash with Inc. \$19	
	\$17 and 3.5% inc yrlly	\$19 and 3.5% inc yrlly	\$17 and \$19	\$21 and 3.5% inc yrlly	Inc DPW Budget	and 3.5% inc yrlly Inc DPW Budget	and 3.5% inc yrlly Inc DPW Budget	Difference 3.5% and 5%
2009 \$	(222,825) \$	(150,398) \$	36,657 \$	(76,907) \$	(208,664) \$	(172,007) \$	(172,007) \$	36,657
2010 \$	(229,717) \$	(79,866) \$	76,012 \$	72,518 \$	(198,438) \$	(122,427) \$	(122,427) \$	76,012
2011 \$	(174,360) \$	58,568 \$	118,219 \$	295,750 \$	(122,420) \$	(4,201) \$	(4,201) \$	118,219
2012 \$	46,650 \$	393,845 \$	162,829 \$	720,635 \$	148,255 \$	311,084 \$	311,084 \$	162,829
2013 \$	354,809 \$	849,068 \$	209,920 \$	1,270,439 \$	536,617 \$	746,537 \$	746,537 \$	209,920
2014 \$	719,785 \$	1,395,784 \$	259,575 \$	1,916,869 \$	1,014,130 \$	1,273,706 \$	1,273,706 \$	259,575
2015 \$	1,110,100 \$	2,004,254 \$	312,084 \$	2,630,563 \$	1,550,976 \$	1,863,060 \$	1,863,060 \$	312,084
TOTAL \$	1,604,441 \$	4,471,254 \$	1,175,296 \$	6,829,867 \$	2,720,457 \$	3,895,753 \$	3,895,753 \$	1,175,296

Fund Bal No Change	Fund Bal with Inc		Fund Bal with Inc		Fund Bal Inc \$17		Fund Bal Inc. \$19	
	\$17 and 3.5% inc yrlly	\$19 and 3.5% inc yrlly	\$17 and \$19	\$21 and 3.5% inc yrlly	Inc DPW Budget	and 3.5% inc yrlly Inc DPW Budget	and 3.5% inc yrlly Inc DPW Budget	Difference 3.5% and 5%
2009 \$	(1,865,583) \$	(1,793,155) \$	36,657 \$	(1,719,664) \$	(1,851,421) \$	(1,814,764) \$	(1,814,764) \$	36,657
2010 \$	(1,953,236) \$	(1,803,386) \$	76,012 \$	(1,651,001) \$	(1,921,958) \$	(1,845,946) \$	(1,845,946) \$	76,012
2011 \$	(1,978,641) \$	(1,745,713) \$	118,219 \$	(1,508,532) \$	(1,926,701) \$	(1,808,482) \$	(1,808,482) \$	118,219
2012 \$	(1,838,393) \$	(1,491,199) \$	162,829 \$	(1,164,408) \$	(1,736,788) \$	(1,573,959) \$	(1,573,959) \$	162,829
2013 \$	(1,610,997) \$	(1,116,737) \$	209,920 \$	(695,366) \$	(1,429,188) \$	(1,219,268) \$	(1,219,268) \$	209,920
2014 \$	(1,326,782) \$	(650,784) \$	259,575 \$	(129,698) \$	(1,032,437) \$	(772,862) \$	(772,862) \$	259,575
2015 \$	(1,017,229) \$	(123,075) \$	312,084 \$	503,234 \$	(576,353) \$	(264,269) \$	(264,269) \$	312,084
TOTAL \$	(11,590,861) \$	(8,724,047) \$	1,175,296 \$	(6,365,435) \$	(10,474,845) \$	(9,299,549) \$	(9,299,549) \$	1,175,296

**Table 1 - Water
BASE RATE INFORMATION**

Community	Monthly Ready to Serve Charge	Ready to Serve Included Use (gal.)	Consumption Charge per 1000 gal.	Approx. No. of Customers	Outstanding Debt	Notes
Acme Township (Grand Traverse Co.)						see App. A
Alpena, City	\$7.32	2,000	\$2.92	4,739	Yes	1, 5, 6
Alpena Township (Alpena Co.)	\$8.64	2,333	\$4.02	2,550	Yes	1
Ausable Township (Iosco Co.)	\$18.95	0	\$2.81	1,247	Yes	3
Baldwin Township (Iosco Co.)	\$15.00	0	\$7.00	328	Yes	3
Baldwin, Village	\$19.00	5,600	\$1.80	315	Yes	6
Bear Lake, Village	\$13.33	0	\$0.00	180	No	1, 3, 4, 6
Bellaire, Village	\$7.38	0	\$1.54	661	No	3, 6
Benzonia, Village	\$18.33	3,333	\$2.50	240	Yes	1, 3, 6
Beulah, Village	\$5.83	0	\$3.00	376	No	1
Blair Township (Grand Traverse Co.)	\$18.25	0	\$1.40	946	Yes	
Boyer City, City	\$8.76	0	\$2.42	1,750	Yes	1, 3, 6
Boyer Falls, Village	\$27.50	0	\$0.00	150		1, 3
Briley Township (Monimorancy Co.)	\$20.00	6,000	\$0.93	182	No	1
Buckley, Village	\$17.00	1,000	\$2.00	237	Yes	3
Cadillac, City	\$5.15	0	\$1.44	3,800	Yes	2, 3, 5, 6
Central Lake, Village	\$8.00	1,666	\$0.75	561	Yes	1, 3, 6
Charlevoix, City	\$10.47	2,000	\$2.44	4,300	No	3, 5, 6
Charlevoix Township (Charlevoix Co.)	\$7.00	2,000	\$1.10	635	No	6
Chatham, Village	\$23.50	4,000	\$4.25	130	Yes	3
Cheboygan, City	\$0.00	0	\$2.89	1,867	Yes	1
Clare, City	\$10.79	4,000	\$1.56	1,172	Yes	3
Detour, Village	\$19.50	0	\$2.50	260	Yes	5
East Bay Township (Grand Traverse Co.)	\$13.00	4,488	\$2.74	1,047	Yes	1, 2
East Jordan, City	\$9.33	0	\$5.97	1,048	Yes	1, 2, 5
East Tawas, City	\$7.40	0	\$3.00	1,373	Yes	3
Elberta, Village	\$2.50	0	\$1.85	270	No	3
Elk Rapids, Village	\$17.50	0	\$0.92	1,150	No	
Ellsworth, Village	\$10.00	0	\$3.00	223	Yes	3
Elmwood Township (Leelanau Co.)	\$31.00	3,500	\$2.34	121	No	1, 2
Empire, Village	\$10.20	2,000	\$1.45	335	Yes	1, 3
Escanaba, City	\$8.18	0	\$1.86	5,500	Yes	5
Ewart, City	\$0.00	3,000	\$1.46	548	Yes	1, 5
Farwell, Village	\$18.87	10,000	\$0.00	425	Yes	
Filer Township (Manistee Co.)	\$8.50	0	\$1.24	400	Yes	1, 3
Frankfort, City	\$9.49	0	\$1.87	942	Yes	3
Garfield Township (Grand Traverse Co.)	\$10.35	3,455	\$2.34	2,672	Yes	1, 2
Gaylord, City	\$6.75	0	\$0.80	1,800	No	2, 4
Germfask Township (Schoolcraft Co.)	\$30.00	0	\$0.00	90	Yes	3, 4
Grand Traverse Resort	\$18.10	0	\$0.00	400		4
Grayling, City	\$7.45	0	\$1.55	800	Yes	1, 6
Harbor Springs, City	\$9.45	0	\$1.20	1,400	No	3, 6
Harbor Springs Area Sewage Disposal Authority	\$11.00	0	\$1.77	92	No	1, 4
Haring Township (Wexford Co. DPW)	\$8.20	0	\$4.00	259	Yes	3
Harrisville, City	\$14.67	3,333	\$0.70	330	Yes	1, 5, 6
Hillman, Village	\$11.75	3,333	\$2.00	319	No	3, 6
The Homestead (Leelanau Co.)	\$12.80	0	\$2.84	600	No	1, 3, 5
Kaleva, Village	\$15.00	0	\$0.00	300	No	1, 3, 4
Kalkaska, Village	\$11.50	1,000	\$1.20	900	Yes	3
Kingsley, Village	\$10.00	2,000	\$1.00	681	Yes	5
Lake City, City	\$15.00	0	\$0.00	800	Yes	1, 3, 4
Little Traverse Township (Emmet Co.)	\$18.67	0	\$0.00	444	Yes	1, 4



**Table 1 - Water
BASE RATE INFORMATION**

(Continued)

Community	Monthly Ready to Serve Charge	Ready to Serve Included Use (gal.)	Consumption Charge per 1000 gal.	Approx. No. of Customers	Outstanding Debt	Notes
Ludington, City	\$2.00	0	\$1.60	4,000	Yes	1, 2, 3
Mackinac Island, City	\$9.60	0	\$3.52	700	Yes	3
Mackinaw City, Village	\$1.44	2,687	\$2.41	650	Yes	1, 3
Mancelona, Village (Authority)	\$23.00	3,500	\$1.50	650	No	
Mancelona Township (Antrim Co.)	\$23.00	3,500	\$1.50	150	No	1
Manistee, City	\$0.00	0	\$2.25	3,900	No	6
Manistique, City	\$14.35	0	\$5.99	1,600	Yes	3, 6
Manton, City	\$12.08	0	\$3.36	506	Yes	1, 3
Marion, Village	\$8.80	3,333	\$1.50	455	Yes	1, 5, 6
Mesick, Village	\$17.72	0	\$0.82	176	Yes	1
Munising, City	\$15.85	0	\$2.79	1,152	No	3, 5, 6
Nahma Township (Delta Co.)	\$20.26	0	\$0.00	57	Yes	1, 4
Newberry, Village	\$20.00	0	\$2.50	889	Yes	5
Northport, Village	\$10.00	1,500	\$1.40	345	No	1, 3, 5
Ogemaw Township	\$20.00	0	\$4.90	21	Yes	
Onaway, City	\$20.00	5,000	\$3.50	500	Yes	4, 6
Peninsula Township (Grand Traverse Co.)	\$21.00	4,488	\$2.74	382	Yes	2, 5
Pere Marquette Township (Mason Co.)	\$3.34	0	\$2.87	430	Yes	1, 2, 3
Petoskey, City	\$18.32	0	\$1.71	4,110	Yes	2, 3, 6
Reed City, City	\$5.40	0	\$1.92	925	Yes	3, 5
Rogers City, City	\$6.60	0	\$2.14	1,600	No	2
Roscommon, Village	\$9.70	2,000	\$4.85	493	Yes	1, 6
Rose City, City	\$15.00	0	\$0.00	88	No	1, 4
Rudyard Township (Chippewa Co.)	\$18.20	5,000	\$2.35	200	Yes	1, 3, 5
St. Ignace, City	\$16.00	0	\$4.72	1,400	Yes	3, 6
Sault Ste. Marie, City	\$3.42	0	\$6.44	4,800	Yes	2, 6
Scottville, City	\$9.58	0	\$2.08	560	Yes	1, 3
Seney Township (Schoolcraft Co.)	\$15.00	5,500	\$1.50	89	No	
Superior Twp. (Brimley - Chippewa Co.)	\$25.33	3,740	\$3.15	300	Yes	1, 2, 3
Suttons Bay, Village	\$14.08	0	\$2.95	550	Yes	1
Tawas City, City	\$7.00	0	\$4.19	100	Yes	3, 6
Thompsonville, Village	\$18.00	0	\$0.00	237	Yes	4
Traverse City, City	\$7.50	4,488	\$1.00	6,648	Yes	2, 3, 5, 6
West Branch, City	\$5.83	3,333	\$1.45	790	No	1, 5, 6
West Branch Township						1, 5
City System	\$14.58	3,333	\$3.50			1, 5
Township System	\$8.33	1,333	\$3.75	55	Yes	1

Notes:

- 1 Community bills quarterly. Rates have been converted to monthly for comparison.
- 2 Community bills in cubic feet. Rates have been converted to gallons.
- 3 Ready to Serve charge varies with meter size and/or user classification. The indicated charge is for a single family household meter. See Appendix A for details.
- 4 Unmetered system.
- 5 Consumption charge varies with volume used. Rates are listed for lowest consumption quantities. See Appendix A for additional information.
- 6 Customers outside community are charged different rates. See Appendix A.



Gosling Czubak
engineering sciences, inc.