

Friday, April 25, 2014

Waterways Commission Meeting

Waterways work session: 8:00 a.m. – 9:45 a.m.

Regular meeting: 10:00 a.m. – 11:00 a.m.

The Comfort Suites Meeting Room

100 Clearview Drive

Houghton Lake, Michigan 48629

Meeting Protocol

1. Please turn off or silence all cell phones.
2. Three-minute presentation time is allotted for any non-agenda item.
3. Presentation cards must be filled out and submitted to the Waterways Commission Assistant for anyone who wishes to address the Commission.
4. Members of the public who wish to address the Waterways Commission must be authorized to speak by the Chair.

I. PLEDGE OF ALLEGIANCE

II. PUBLIC APPEARANCE

- A. *Written Correspondence*
- B. *Non-Agenda Items*

III. ACTION ITEMS

- A. *Approval of the December 6, 2013 Meeting Minutes(w)*
- B. *Resolution-Waterway Integrated Assessment (w)*
- C. *Resolutions–Waterway Grant Changes and Waterway Grant Awards(w)*

IV. OLD BUSINESS (Information Only)

- A. *Integrated Assessment-Small Harbor Management Strategy Project(w)*
- B. *Dredging Program Update (charts enclosed) (w)*
 - a.) *Lake Levels- (chart enclosed) (w)*
- C. *General Updates- (v)*
- D. *Operations Update (v)*
- E. *Financial Update (chart enclosed) (w)*
- F. *Legislative Update (w)*

The next Waterways Commission Meeting: Grand Haven, Michigan with

Michigan State Waterways
Commission Agenda
April 25, 2014

the meeting location to be determined.

Persons with disabilities needing accommodations for this event should contact Darlene Moore at 517-284-6138 a minimum of five (5) business days before this meeting. Requests MADE LESS THAN FIVE (5) BUSINESS DAYS BEFORE THIS EVENT may not be accommodated. Look for this agenda and other Waterways Commission items on the DNR web page at: <http://www.michigan.gov/dnr>

Unless otherwise noted, all meetings are open to the public.

[v = verbal update; w = written materials]

2013 Emergency Dredging Plan - Identified Locations --Project Progress--

Original Surveyed Estimates Revised 4-21-14

Facility	Program	Corps Responsibility		Facility Responsibility		Actual Engineered Project Cost	Advance Payment	Funds Paid to Date	Grant Executed	Project Bid	Project Awarded	Dredging Start	Dredging Completion	Dredging Construction Status
		Volume	Cost*	Volume	Cost*									
FEDERAL ARMY CORPS OF ENGINEERS														
Au Gres State Harbor (Point Lookout)	State	TBD	TBD			\$ 1,673,750.00		\$ 1,673,750.00	Corps	04/01/2014				Not Started
Big Bay Harbor of Refuge - Marquette County	Grant-In-Aid	19000 (15,000)	\$ 665,000			\$ 191,772.16		\$ 485,500.00	Corps	08/27/2013	09/17/2013	10/25/2013	11/03/2013	Completed
Cedar River State Harbor (channel)	State	40,000	\$ 1,400,000			\$ 217,401.70		\$ 375,500.00	Corps	08/21/2013	09/09/2013	10/13/2013	10/22/2013	Completed
Lac La Belle State Harbor	State	2,000	\$ 70,000			\$ 200,140.23		\$ 428,500.00	Corps	08/27/2013	09/17/2013	11/07/2013	11/14/2013	Completed
Lexington State Harbor	State	30,000	\$ 1,050,000			\$ 679,000.00		\$ 679,000.00	Corps	08/19/2013	09/20/2013			Not Started
Little Lake State Harbor	State	18,000	\$ 630,000			\$ 292,025.86		\$ 529,000.00	Corps	08/08/2013	08/22/2013	09/14/2013	10/18/2013	Completed
Sebawaing Marina	Grant-In-Aid			40,000	TBD	\$ 1,725,750.00		\$ 1,725,750.00	Corps					Not Started
FEDERAL ARMY CORPS OF ENGINEERS TOTAL						\$ 4,979,839.95		\$ 5,897,000.00						

STATE DEPARTMENT OF NATURAL RESOURCES & DTMB

Bay City - Liberty Harbor Marina, Bay Co.	Grant-In-Aid			2,222	\$ 77,800	\$ 165,675.00			State Contracted					Not Started
Cedar River State Harbor (harbor basin)	State			1,300	\$ 45,500	\$ 78,670.00		\$ 1,795.00	State Contracted	10/03/2013	11/01/2013	12/02/2013	12/03/2012	Completed
Grand Traverse Bay Marina, (Big Traverse Bay), Houghton Co.	Grant-In-Aid			2,222	\$ 77,770	\$ 115,175.00			State Contracted					Not Started
Harrisville Harbor of Refuge	Grant-In-Aid			8,000	\$ 280,000	\$ 274,459.00			State Contracted					Not Started
Mackinac Island State Harbor	State			TBD (1,988)	TBD	\$ 149,990.00		\$ 82,365.00	State Contracted	06/24/2013	06/28/2013	07/07/2013	07/13/2013	Completed
Port Austin State Harbor	State			20,000	\$ 700,000	\$ 700,000.00			State Contracted	07/02/2013	Oct. 2013	11/04/2013		In Process



Waterways Program
Parks and Recreation Division
Michigan Department of Natural Resources



2013 Emergency Dredging Plan - Identified Locations --Project Progress--

Original Surveyed Estimates Revised 4-21-14

Facility	Program	Corps Responsibility		Facility Responsibility		Actual Engineered Project Cost	Advance Payment	Funds Paid to Date	Grant Executed	Project Bid	Project Awarded	Dredging Start	Dredging Completion	Dredging Construction Status
		Volume	Cost*	Volume	Cost*									
Quinicassee River	State			TBD	TBD	\$ 131,967.01			State Contracted					Not Started
William G. Milliken State Harbor	State			120	\$ 4,200	\$ -								Other - Depth good
STATE DEPARTMENT OF NATURAL RESOURCES & DTMB TOTAL						\$ 1,615,936.01		\$ 84,160.00						

LOCAL GRANT-IN-AID

Alpena Small Boat Harbor, Alpena Co.	Grant-In-Aid			23000 (24,560)	\$ 805,000	\$ 567,000.00	\$ 141,750.00	\$ 141,750.00	04/22/2013	07/16/2013	08/02/2013	09/15/2013	11/01/2013	Completed
Arcadia Twp - Veterans Memorial Marina, Manistee Co.	Grant-In-Aid			3800 (2,950)	\$ 133,000	\$ 93,100.00	\$ 23,275.00	\$ 77,637.49	04/15/2013	05/01/2013	05/07/2013	05/08/2013	06/03/2013	Completed
Bangor Twp - Kawkawlin River, Bay Co. \$500,000 from EDP \$1,100,000 from separate appropriation (GF)	Grant-In-Aid					\$ 500,000.00								Not Started
Berrien County - St. Joseph River \$105,000 from St. Joseph dredging project \$200,000 from another funding source (not EDP) \$305,000 Total Dredging Project Budget	Grant-In-Aid			10647 (11,000)	TBD	\$ 105,000.00	\$ 76,250.00	\$ 305,000.00	05/10/2013	09/05/2013	09/19/2013	09/09/2013	10/23/2013	Completed
Boyme City - Grant Moore Marina	Grant-In-Aid			3000 (3,000)	\$ 105,000	\$ 197,487.00	\$ 49,371.75	\$ 157,774.06	04/29/2013	09/13/2013	10/09/2013	10/17/2013	11/12/2013	Completed
Burt Twp - Grand Marais Marina	Grant-In-Aid			15000 (1,150)	\$ 525,000	\$ 91,800.00	\$ 22,950.00	\$ 74,083.00	04/15/2013	09/09/2013	10/08/2013	11/18/2013	11/21/2013	Completed
Caseville Municipal Harbor	Grant-In-Aid			18000 (23,134)	\$ 630,000	\$ 660,060.00	\$ 165,015.00	\$ 165,015.00	04/22/2013	04/08/2013	05/24/2013	05/28/2013	11/15/2013	Completed
Clark Twp - Cedarville Harbor, Mackinac Co.	Grant-In-Aid			1600 (696.8)	\$ 56,000	\$ 34,707.28	\$ 8,676.82	\$ 8,676.82	04/23/2013	09/19/2013	09/27/2013	10/07/2013	10/11/2013	Completed
Clark Twp - Hessel Marina, Mackinac Co.	Grant-In-Aid			2200 (1,163.9)	\$ 77,000	\$ 50,157.71	\$ 12,539.43	\$ 12,539.43	04/23/2013	09/19/2013	09/27/2013	10/11/2013	10/15/2013	Completed
Cheboygan City Municipal Marina, Cheboygan Co.	Grant-In-Aid			90	\$ 3,150	NA								Other - Dredging constraints
Cheboygan County Marina, Cheboygan Co.	Grant-In-Aid			17,500	\$ 612,500	\$ 612,500.00	\$ 153,125.00	\$ 293,566.03	04/29/2013	09/27/2013	10/30/2013	11/07/2013		In Process
East Jordan City Marina	Grant-In-Aid			12000 (16,000)	\$ 420,000	\$ 169,774.00	\$ 42,443.50	\$ 111,942.32	04/18/2013	03/18/2013	04/16/2013	04/30/2013	06/17/2013	Completed
Elk-Rapids-Edward C Grace Memorial Harbor	Grant-In-Aid			12000 (9,000)	\$ 420,000	\$ 309,400.00	\$ 77,350.00	\$ 238,969.00	04/17/2013	04/10/2013	04/29/2013	05/15/2013	06/09/2013	Completed



Waterways Program
Parks and Recreation Division
Michigan Department of Natural Resources



2013 Emergency Dredging Plan - Identified Locations

--Project Progress--

Original Surveyed Estimates Revised 4-21-14

Facility	Program	Corps Responsibility		Facility Responsibility		Actual Engineered Project Cost	Advance Payment	Funds Paid to Date	Grant Executed	Project Bid	Project Awarded	Dredging Start	Dredging Completion	Dredging Construction Status
		Volume	Cost*	Volume	Cost*									
Escanaba Municipal Marina, Delta Co.	Grant-In-Aid			7500 (14,000)	\$ 262,500	\$ 147,870.00	\$ 36,967.50	\$ 144,890.00	04/12/2013	08/08/2013	09/03/2013	10/22/2013	11/05/2013	Completed
Frankfort Municipal Marina	Grant-In-Aid	29,000	\$ 1,015,000	35,000	\$ 1,225,000	\$ 1,107,775.00	\$ 276,943.75	\$ 276,943.75	04/23/2013	10/28/2013	11/21/2013	11/22/2013		In Process
Garfield Township - Naubinway Marina	Grant-In-Aid			9000 (4,720)	\$ 315,000	\$ 175,515.00	\$ 43,878.75	\$ 65,930.00	04/15/2013	08/15/2013	09/23/2013	10/11/2013		In Process
Grand Haven Marina (Harbor Island BAS)	Grant-In-Aid			5143 (3,500)	\$ 180,005	\$ 214,425.00	\$ 53,608.25	\$ 185,127.00	04/12/2013	11/21/2012	04/15/2013	05/02/2013	05/15/2013	Completed
Harbor Beach Municipal Marina	Grant-In-Aid			20000 (20,000)	\$ 700,000	\$ 558,696.46	\$ 139,674.12	\$ 139,674.12	04/16/2013	Local Staff	06/10/2013	06/11/2013		In Process
Harbor Springs Municipal Marina, Emmet Co.	Grant-In-Aid			20000 (17,400)	\$ 700,000	\$ 677,000.00	\$ 169,250.00	\$ 169,250.00	09/23/2013	09/26/2013	10/03/2013	10/14/2013		In Process
Lake Erie Metropark Marina	Grant-In-Aid			6,000	\$ 210,000	NA								Other - Done prior
Lake St Clair - Metrobeach Metropark Marina	Grant-In-Aid			15,700	\$ 549,500	\$ 549,500.00			05/30/2013					Not Started
Leland Township Harbor	Grant-In-Aid	12000 (21,000)	\$ 420,000			\$ 192,195.00	\$ 48,048.75	\$ 192,195.00	05/08/2013	06/04/2013	06/12/2013	06/21/2013	07/03/2013	Completed
Ludington Municipal Marina	Grant-In-Aid			2000 (1,110)	\$ 20,000	\$ 54,068.93	\$ 13,517.21	\$ 54,068.83	04/15/2013	05/06/2013	05/20/2013	06/06/2013	06/26/2013	Completed
Mackinaw City Municipal Marina, Cheboygan Co.	Grant-In-Aid			2500 (3,200)	\$ 150,000	\$ 150,000.00	\$ 37,500.00	\$ 37,500.00	04/17/2013	08/01/2013	08/28/2013	11/05/2013	12/06/2013	Completed
Manistee Municipal Marina	Grant-In-Aid			670 (300)	\$ 23,450	\$ 65,000.00	\$ 16,250.00	\$ 16,250.00	05/21/2013	09/24/2013	12/17/2013			Not Started
Manistique Municipal Marina, Schoolcraft Co.	Grant-In-Aid			5555 (3,669)	\$ 194,400	\$ 194,400.00	\$ 48,500.00	\$ 194,000.00	04/29/2013	05/01/2013	05/28/2013	06/28/2013	09/26/2013	Completed
Marquette - Presque Isle Marina	Grant-In-Aid			14,968	TBD	\$ 217,908.50	\$ 54,477.13	\$ 174,973.32	04/12/2013	01/28/2013	05/01/2013	05/15/2013	07/01/2013	Completed
Menominee Marina, Menominee Co.	Grant-In-Aid			60000 (25,794)	\$ 2,100,000	\$ 1,244,577.00	\$ 300,571.75	\$ 999,888.30	05/29/2013	05/07/2013	07/05/2013	Oct-13	12/06/2013	Completed
Munising Bayshore Marina, Alger Co.	Grant-In-Aid			10000 (10,000)	\$ 350,000	\$ 274,750.74	\$ 68,687.50	\$ 261,031.13	04/24/2013	09/10/2013	09/24/2013	10/01/2013	11/04/2013	Completed
Muskegon - Hartshorn Municipal Marina	Grant-In-Aid			5000 (4350)	\$ 175,000	\$ 209,118.35	\$ 52,279.59	\$ 52,279.59	06/12/2013	09/30/2013	10/22/2013	12/05/2013		In Process



Waterways Program
Parks and Recreation Division
Michigan Department of Natural Resources



2013 Emergency Dredging Plan - Identified Locations --Project Progress--

Original Surveyed Estimates Revised 4-21-14

Facility	Program	Corps Responsibility		Facility Responsibility		Actual Engineered Project Cost	Advance Payment	Funds Paid to Date	Grant Executed	Project Bid	Project Awarded	Dredging Start	Dredging Completion	Dredging Construction Status
		Volume	Cost*	Volume	Cost*									
Muskegon - Grand Trunk Boating Access Site	Grant-In-Aid			7000 (4,152)	TBD	\$ 89,623.44	\$ 22,405.80	\$ 88,315.84	04/11/2013	04/15/2013	04/16/2013	04/25/2013	04/30/2013	Completed
New Buffalo Municipal Marina	Grant-In-Aid	Not Avail.	\$ 160,000	25200 (10,898)	\$ 882,000	\$ 357,479.24	\$ 89,369.81	\$ 322,349.70	04/19/2013	03/18/2013	05/01/2013	05/05/2013	06/20/2013	Completed
Northport - G. Marsten Dame Marina	Grant-In-Aid			2500 (18,500)	\$ 87,500	\$ 591,600.00	\$ 147,900.00	\$ 147,900.00	06/12/2013	10/25/2013	01/09/2014			Not Started
Onokama - Portage Lake Channel	Grant-In-Aid			6000 (25,000)	TBD	\$ 212,310.00	\$ 53,077.50	\$ 212,310.00	06/17/2013	08/05/2013	08/19/2013	09/05/2013	09/13/2013	Completed
Pantwater Municipal Marina	Grant-In-Aid			463 (700)	\$ 16,205	\$ 26,351.46	\$ 6,587.87	\$ 22,448.16	05/08/2013	06/19/2013	07/02/2013	08/15/2013	10/12/2013	Completed
Petoskey City Marina	Grant-In-Aid			1,400	\$ 49,000	\$ 99,660.00	\$ 24,915.00	\$ 99,660.00	04/22/2013	08/29/2013	09/16/2013	09/17/2013	10/15/2013	Completed
Port Huron - Fort Street Marina	Grant-In-Aid			2057 (1,053)	\$ 71,995	\$ 71,995.00	\$ 17,998.75	\$ 17,998.75	04/11/2013	02/11/2013	03/14/2013	04/30/2013	05/31/2013	Completed
Port Huron - River Street Marina	Grant-In-Aid			2057 (1,053)	\$ 71,995	\$ 71,995.00	\$ 17,998.75	\$ 17,998.75	04/11/2013	02/11/2011	03/14/2011	04/30/2013	05/31/2013	Completed
Port Sanilac Municipal Harbor of Refuge	Grant-In-Aid			8,000	\$ 280,000	\$ 280,000.00	\$ 70,000.00	\$ 70,000.00	04/23/2013	05/08/2013	05/15/2013	06/05/2013		In Process
Rogers City Marina	Grant-In-Aid			6500 (5,100)	\$ 227,500	\$ 227,740.10	\$ 56,935.03	\$ 194,694.89	04/19/2013	10/16/2013	10/25/2013	11/07/2013	12/31/2013	Completed
Saugatuck Marina	Other			TBD	TBD				N/A					Other - Depth good
South Haven Municipal Marina	Grant-In-Aid	4000 (20,090)	\$ 140,000	8900 (20,090)	\$ 296,050	\$ 296,050.00	\$ 74,012.50	\$ 243,131.18	04/11/2013	02/11/2013	04/15/2013	04/22/2013		In Process
St. Ignace Marina	Grant-In-Aid			TBD	TBD	\$ 356,147.09	\$ 89,036.77	\$ 89,036.77	04/23/2013	09/18/2013	11/10/2013			Not Started
St. James Twp - Beaver Island Marina	Grant-In-Aid			29,000	\$ 1,015,000	\$ 1,015,000.00			04/29/2013					Not Started
St. Joseph - West Basin Marina FUNDING TO BERRIEN CO. DREDGE PROJECT	Grant-In-Aid			3,000	\$ 105,000				Transferred					Other - Partnered w/ Berrien Co.
Whitehall - White Lake Municipal Marina	Grant-In-Aid			5200 (4,600)	\$ 182,000	\$ 182,525.42	\$ 45,631.36	\$ 182,525.00	04/29/2013	04/17/2013	04/26/2013	05/07/2013	05/15/2013	Completed

LOCAL GRANT-IN-AID TOTAL

\$ 13,302,262.72

\$ 6,259,323.23



Waterways Program
Parks and Recreation Division
Michigan Department of Natural Resources



2013 Emergency Dredging Plan - Identified Locations --Project Progress--

Original Surveyed Estimates Revised 4-21-14

Facility	Program	<u>Corps Responsibility</u>		<u>Facility Responsibility</u>		Actual Engineered Project Cost	Advance Payment	Funds Paid to Date	Grant Executed	Project Bid	Project Awarded	Dredging Start	Dredging Completion	Dredging Construction Status
		Volume	Cost*	Volume	Cost*									

**TOTAL FUNDS
PAID TO DATE:**
\$ 12,240,483.23

* Assumes \$35/cubic yard unless cost provided

LEGEND:

Actual Engineered Project Cost - Final estimated cost based on design services and bid amount

Advance Payment - 25% of Actual Engineered Project Cost

Funds Paid to Date - Total amount reimbursed to date (cumulative)

Grant Executed - Date grant agreement is executed

Project Bid - Date project is advertised for bidding

Project Awarded - Date dredging contractor is under formal contract

Dredging Start - Date of beginning of dredging operation

Dredging Completion - Date of completion and final approval of dredging operation



Waterways Program
Parks and Recreation Division
Michigan Department of Natural Resources



**2013 Emergency Dredging Plan - Identified Locations
 --Project Progress Summary--
 Revised 4-21-2014**

<u>PROCEDURAL STEPS</u>	<u>GOVERNMENTAL ENTITY RESPONSIBLE</u>	<u>PROJECTS STATUS</u> <i>Original Total 58</i>	<u>COMMENTS</u>
1. Original Documents signed (1-4 weeks)	Local Community, ACOE, DTMB, and DNR	55	3 communities dropped, 1 community completed work before legislation was signed.
2. Project Engineering (3-5 months)	Local Community, ACOE, DTMB	55	Project engineering process
3. Plans reviewed and approved (1-4 weeks)	DNR	53	Draft and final plans approval
4. Bids received (2-4 weeks)	Local Community	53	Bids received and award pending
5. Funding committed (1-2 weeks)	Local Community and DNR *	53	Document amended to reflect actual costs
6. Dredging completed (1-6 weeks)	Local community	34	Physical dredging completed
7. Invoices received & partial reimbursements paid (1-4 weeks)	DNR	42	Community requests for reimbursement funds
8. Project complete (1-4 weeks)	Local Community and DNR	17	All project reimbursements paid

Total Appropriation - \$22,061,020

U.S. Army Corps of Engineers	\$5,897,000
* First payment to community (25% advance)	Dept. of Technology, Management & Budget** 1,574,444
Awarded grants to communities**	12,730,540
** Additional funding may be needed.	<u>KawKawlin River allocation (project #59)</u> 1,600,000
Total Commitment	\$21,801,984



Waterways Program
 Parks and Recreation Division
 Michigan Department of Natural Resources



FY2014 Grant-In-Aid Waterways Projects Grant Applications

Project	Grant Request Amount	Community Share	Total Project Amount	Tier Final Score	Award Rec.	Comments	Priority Designation
EMERGENCY REPAIRS (FY2014 Lump Sum)							
City of Marquette - Harbormaster Building frost damage.	\$79,100.00	\$79,100.00	\$158,200.00	65	YES		2
SUBTOTAL	\$79,100.00						
SMALL PROJECT APPLICATIONS (FY2014 Lump Sum)							
Port Sanilac - Harbor Maintenance - Docks - Light poles	\$15,000.00	\$15,000.00	\$30,000.00	78	YES		4
Huron County - Boat launch (Oak Beach)	\$5,950.00	\$5,950.00	\$11,900.00	69	YES		3
City of St. Clair - Personal Watercraft Seasonal Slips	\$12,927.25	\$12,927.25	\$25,855.50	62	YES	Seasonal Slip request	3
Acme Township - Boat launch	\$94,447.00	\$94,448.00	\$188,895.00	59	YES		5
City of Essexville - Boat launch improvements (Smith Park)	\$100,000.00	\$100,000.00	\$200,000.00	59	YES		3
St. James Township (Beaver Island) Boat launch Phase I	\$112,500.00	\$112,500.00	\$225,000.00	55	NO	Limited public use	4
Village of L'anse - Marina improvements	\$260,000.00	\$275,000.00	\$535,000.00	55	NO	> 50% match	4
City of East Jordan - Dredging	\$25,000.00	\$25,000.00	\$50,000.00	54	NO		3
City of East Jordan - Boat Launch feasibility study	\$6,750.00	\$6,750.00	\$13,500.00	54	NO		4
City of East Jordan - Silt Diversion Wall	\$156,600.00	\$23,400.00	\$180,000.00	54	YES	Eligible for 87/13 funding EDP delayed project	4
Long Lake Township - Boat launch and parking improvements	\$20,875.00	\$20,875.00	\$41,750.00	53	YES		4
City of Port Huron - Pump out replacement	\$4,500.00	\$4,500.00	\$9,000.00	52	NO	Eligible for federal grant	4
City of Port Huron - Dredging	\$73,307.50	\$73,397.50	\$146,615.00	52	NO		3
City of Port Huron - Harbormaster Building roof replacement	\$10,000.00	\$10,000.00	\$20,000.00	52	NO		4
Village of Fruitport - Boat launch dredging and upgrades	\$30,000.00	\$30,000.00	\$60,000.00	51	NO		3
Village of Pentwater - Boat Launch replacement	\$44,250.00	\$44,250.00	\$88,500.00	38	NO		4
SUBTOTAL	\$972,106.75						
FEDERAL FUNDING REQUESTS							
Marine City - New marina	\$259,500.00	\$86,500.00	\$346,000.00	35	YES	BIG P Tier 2	6
Selma Township - Boat launch improvements	\$6,650.00	\$6,650.00	\$13,300.00	N/A	NO	BIG P Tier 2 - does not qualify	4
SUBTOTAL	\$266,150.00						
LARGE PROJECT APPLICATIONS (FY 2016 Line Items)							
Manistique Phase III Dredging, demolition of old restroom, site improvements	\$500,000.00	\$500,000.00	\$1,000,000.00	72			3
Houghton County - Marina renovations	\$573,050.00	\$573,050.00	\$1,146,000.00	59			4
Hayes Township - Phase I Boat Launch improvements	\$483,400.00	\$483,400.00	\$966,800.00	55		New launch	4
SUBTOTAL	\$1,556,450.00						
Priority score key							
1 - Health and Safety							
2 - Emergency Repairs							
3 - Provides continued access							
4 - Repair of an existing facility							
5 - New facility (No current public access)							
6 - New facility (Access is available in other areas on waterbody)							
2014 Applications (\$79,100+\$972,106.75) Total \$1,051,206.75							
FY2014 Lump Sum funds available: \$500,000.00							
FY2016 Large project/Line Items applications \$1,556,450.00							



MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

DATE: April 18, 2012

TO: Michigan State Waterways Commission

FROM: Ronald A. Olson, Chief, Parks and Recreation Division

SUBJECT: 2014 Grant Applications

Parks and Recreation Division received (22) twenty two separate applications that were submitted by the April 1, 2014 deadline. Staff has reviewed and evaluated the applications for completeness, program compatibility, and eligible elements within the projects.

Recommendations for award of the (8) eight applications is on the accompanying spreadsheet with the evaluation scores attached. The ineligible projects provide an explanation for their denial in the comments section. There are also applications for the federal pass through grants and large line item projects on the spreadsheet.

This year's allotment is \$500,000 for grant applications. The total grants recommended for funding totals \$478,949, leaving an emergency balance of \$21,051 which is approximately 4%.

The large project categories for FY 2016 line items are recommended for submittal depending on projected available funding.

Time will be allotted for discussion on the agenda of the April 25, 2014 Waterway Commission meeting at the Comfort Suites Lakeside in Houghton Lake.

Attachment:



**US Army Corps
of Engineers**
Detroit District



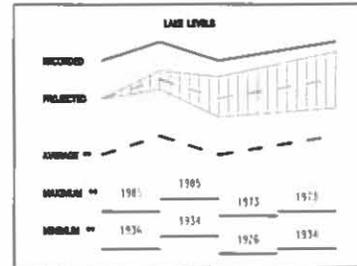
**MONTHLY BULLETIN OF
LAKE LEVELS FOR THE
GREAT LAKES**

MARCH 2014

Water levels for the previous year and the current year to date are shown as a solid line on the hydrographs. A projection for the next six months is given as a dashed line. This projection is based on the present condition of the lake basin and anticipated future weather. The shaded area shows a range of possible levels over the next six months dependent upon weather variations. Current and projected levels (solid and dashed lines) can be compared with the 1918-2013 average levels (dotted line) and extreme levels (shown as bars with their year of occurrence). The legend below further identifies the information on the hydrographs.

ELEVATIONS REFERENCED TO THE CHART DATUM OF EACH RESPECTIVE LAKE

LEGEND



The levels on the hydrographs are shown in both feet and meters above (+) or below (-) Chart Datum. Chart Datum, also known as Low Water Datum, is a reference plane on each lake to which water depth and Federal navigation improvement depths on navigation charts are referred.

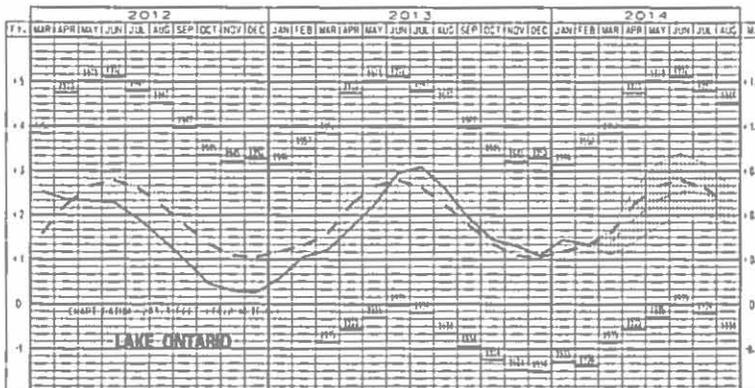
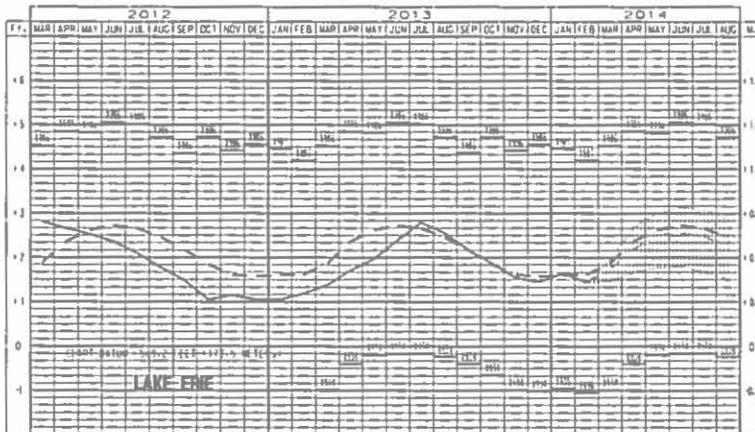
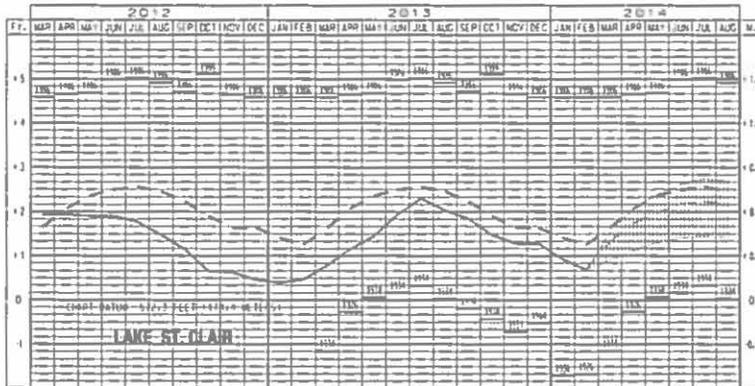
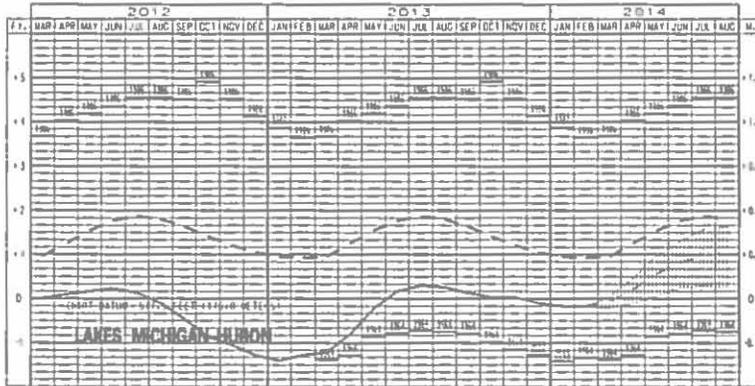
All elevations and plots shown in this bulletin are referenced to International Great Lakes Datum 1985 (IGLD 1985). IGLD 1985 has its zero base at Rimouski, Quebec near the mouth of the St. Lawrence River (approximate sea level).

FEBRUARY MEAN LAKE LEVELS

(IGLD 1985)

	Superior	Mich- Huron	St. Clair	Erie	Ontario	
* 2014	Ft.	601.18	577.26	572.87	570.67	244.78
	M.	183.24	175.95	174.61	173.94	74.61
2013	Ft.	600.20	576.15	572.64	570.41	244.49
	M.	182.94	175.61	174.54	173.86	74.52
** MAX.	Ft.	602.46	581.07	576.77	573.43	246.95
	M.	183.63	177.11	175.80	174.78	75.27
Tr.	1986	1986	1986	1987	1952	
	Ft.	599.61	576.08	570.51	568.18	242.06
** MIN.	M.	182.76	175.59	173.89	173.16	73.79
	Tr.	1926	1964	1926	1936	1936
** AVG.	Ft.	601.25	578.35	573.43	570.83	244.75
	M.	183.26	176.28	174.78	173.99	74.60

* provisional
** Average, Maximum and Minimum for period 1918-2013



Information

Recorded water levels in this bulletin are derived from a representative network of water level gages on each lake (see cover map). Providers of these data are the U.S. Department of Commerce, NOAA, National Ocean Service, and Integrated Science Data Management, Department of Fisheries and Oceans, Canada. The Detroit District, Corps of Engineers and Environment Canada derive historic and projected lake levels under the auspices of the Coordinating Committee on Great Lakes Basic Hydraulic and Hydrologic Data.

This bulletin is produced monthly as a public service. The Corps also publishes the "Great Lakes, Connecting Channels and St. Lawrence River Water Levels and Depths," weekly, which provides a forecast of depths in the connecting rivers between the Great Lakes and the International Section of the St. Lawrence River. This Monthly Bulletin of the lake levels for the Great Lakes may be obtained free of charge by writing to the address shown on the front cover, by calling (313) 226-6442 or emailing hghpm@usace.army.mil. Notices of change of address should include the name of the publication. This information is available on the internet at <http://www.lre.usace.army.mil/Missions/GreatLakesInformation.aspx>.

Great Lakes Basin Hydrology February 2014

Lake Superior experienced near average precipitation in February, while Lake Michigan-Huron received only 78% of its average precipitation in February. In addition, Lake Erie saw precipitation in February that was 19% above average, whereas Lake Ontario experienced 96% of its historical February precipitation. The net basin supply of water to Lake Superior was above average in February. The net basin supply to Lake Michigan-Huron was below average, while the net basin supplies to Lakes Erie and Ontario were near average in February. The tables below list February precipitation and water supply information for all Great Lakes basins.

A comparison of monthly mean lake levels for February to long-term average (1918-2013) shows Lakes Superior and Michigan-Huron were 1 and 13 inches below average, respectively. Lake St. Clair was 7 inches below average. Its level was impacted by ice build-up in the St. Clair River. Lake Erie was 2 inches above average, while Lake Ontario was very near average. Boaters should be aware of hazards to navigation due to continued below average water levels on the upper Lakes.

PRECIPITATION (INCHES)								
BASIN	February				12-Month Comparison			
	2014	Average (1900-2010)	Diff.	% of Average	Last 12 months	Average (1900-2010)	Diff.	% of Average
Superior	1.46	1.44	0.02	101	32.66	30.46	2.20	107
Michigan-Huron	1.35	1.74	-0.39	78	33.51	32.44	1.07	103
Erie	2.49	2.09	0.40	119	37.92	35.43	2.49	107
Ontario	2.26	2.36	-0.10	96	34.10	35.73	-1.63	95
Great Lakes	1.64	1.78	-0.14	92	33.80	32.64	1.16	104

LAKE	February Net Basin Supplies ¹ (cfs)		February Outflows ² (cfs)	
	2014	Average ³ (1900-2008)	2014	Average ³ (1900-2008)
Superior	56,000	9,000	70,000	67,000
Michigan-Huron	70,000	88,000	153,000	157,000
Erie	39,000	38,000	187,000	192,000
Ontario	35,000	37,000	246,000	227,000

Notes: Values (excluding averages) are based on preliminary computations; cfs denotes cubic feet per second.

¹ Net basin supply is the net result of precipitation falling on the lake, runoff from precipitation falling on the land which flows to the lake, and evaporation from the lake. Negative net basin supply denotes evaporation exceeded runoff and precipitation. The net total supply can be found by adding the net basin supply and the outflow from the upstream lake.

² Does not include diversions.

³ Lake Ontario average water supplies and average outflows are based on period of record 1900-2005



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES
LANSING



KEITH CREAGH
DIRECTOR

March 13, 2014

TO: Natural Resources Commission
Department of Natural Resources Management Team

FROM: Trevor VanDyke, Director, Legislative & Legal Affairs Office

SUBJECT: Department of Natural Resources Legislative Update

SB 613 – Allows for Salvaging of Game Killed, or Injured and Euthanized, Following a Collision with a Motor Vehicle – Sen. Darwin Booher

This bill seeks to add Section 40115 of the Natural Resources and Environmental Protection Act (NREPA) to allow individuals to possess game killed, or injured and euthanized, following a collision with a motor vehicle without the need to possess a valid license or permit.

- This bill is currently before the Senate Committee on Natural Resources, Environment and Great Lakes.
- The Administration has concerns, but has not taken a position on this legislation at this time.

SB 631 – Allows the Local Unit of Government to Enact an Ordinance for the Permitting of Carrier Pigeons – Sen. Hoon-Yung Hopgood

This bill seeks to amend Section 2 of the Racing and Carrier Pigeons Act to require the keeping of carrier pigeons to be in compliance with local regulations and also bars a local unit of government from prohibiting the keeping of carrier pigeons.

- This bill is currently before the House Committee on Local Government.
- The Administration is neutral on this legislation.

SB 759 – Removes the Prohibition on a Person Holding a Fur Dealer's License from Also Holding a License to Trap Beaver – Sen. Tom Casperson

This bill seeks to amend Section 42501 of the Natural Resources and Environmental Protection Act (NREPA) to allow a person who holds a fur dealer's license to now also hold a license to trap beaver.

- This bill is currently before the full Senate for consideration.
- The Administration supports this legislation.

SB 780 – Michigan Natural Resources Trust Fund – Sen. Darwin Booher

This bill seeks to provide a capital outlay supplemental appropriation for the Natural Resources Trust Fund (MNRTF) for the fiscal year ending September 20, 2014. The recommendations include a \$27.6 million appropriation from the MNRTF for 32 acquisition projects (\$19.0 million) and 44 development projects (\$8.6 million). Matching funds of \$18.9 million result in total projects costs of \$46.5 million.

- This bill is currently before the full Senate for consideration.
- The Administration supports this legislation.

SB 795 – Increases Penalties for Prohibited Species Violations and Adds Additional Prohibited Species – Sen. Mike Kowall

This bill seeks to amend Sections 41305, 41309 and 47361 of the Natural Resources and Environmental Protection Act (NREPA) to increase the penalty for violations of introduction of prohibited, restricted, genetically engineered or nonnative aquatic species and also includes “insect” and “aquatic plant” in the prohibited list.

- This bill is currently before the Senate Committee on Natural Resource, Environment and Great Lakes.
- The Administration has not taken a position on this legislation at this time.

SB 796 – Provides Sentencing Guidelines for Prohibited Species Violations – Sen. Arlan Meekhof

This bill seeks to amend Section 13e of The Code of Criminal Procedures to include possession of aquatic prohibited species as criminal violations and also provides for statutory maximum sentencing guidelines.

- This bill is currently before the Senate Committee on Natural Resources, Environment and Great Lakes.
- The Administration has not taken a position on this legislation at this time.

SB 797 – Provides Forfeiture of Property as a Remedy for a Nonnative Species Violation – Sen. Phillip Pavlov

This bill seeks to amend Section 4701 of the Revised Judicature Act of 1961 to allow for a criminal violation of Part 413 of the Natural Resources and Environmental Protection Act to be an offense in which forfeiture of property can be sought.

- This bill is currently before the Senate Committee on Natural Resources, Environment and Great Lakes.
- The Administration has not taken a position on this legislation at this time.

SB 798 – Provides Suspension and Revocation Procedures for a Commercial Vehicle Group Designation for Aquatic Prohibited Species Violations – Sen. Mike Green

This bill seeks to amend Section 320e of the Michigan Vehicle Code to allow aquatic prohibited species violations to result in a suspension or revocation of a nonpassenger commercial vehicle group designation.

- This bill is currently before the Senate Committee on Natural Resources, Environment and Great Lakes.
- The Administration has not taken a position on this legislation at this time.

SB 799 – Excludes Commercial Fishing License Suspension or Revocation for Aquatic Prohibited Species Violations from the Administrative Procedures Act – Sen. Thomas Casperson

This bill seeks to amend Section 92 of the Administrative Procedures Act (APA) to exclude commercial fishing license suspension or revocation for an aquatic prohibited species violation from APA proceedings.

- This bill is currently before the Senate Committee on Natural Resources, Environment and Great Lakes.
- The Administration has not taken a position on this legislation at this time.

SB 800 – Provides for Forfeiture of Property and Suspension of Hunting, Fishing and Trapping licenses and Commercial License for an Aquatic Species Violation – Sen. Howard Walker

This bill seeks to amend Sections 41305, 41309, 43559, 47361, 41305, 41309, 43559 and 47361 of the Natural Resources and Environment Protection Act (NREPA) to provide forfeiture of a vehicle, equipment, or other property to be a remedy for an aquatic species violation as well as suspension of any hunting, fishing, trapping or commercial fishing license or permit.

- This bill is currently before the Senate Committee on Natural Resources, Environment and Great Lakes.
- The Administration has not taken a position on this legislation at this time.

SB 801 – Excludes Commercial Fishing License Suspension or Revocation for Aquatic Prohibited Species Violations from the Administrative Procedures Act – Sen. John Moolenaar

This bill seeks to amend Section 92 of the Administrative Procedures Act (APA) to exclude commercial fishing license suspension or revocation for an aquatic prohibited species violation from APA proceedings.

- This bill is currently before the Senate Committee on Natural Resources, Environment and Great Lakes.
- The Administration has not taken a position on this legislation at this time.

SB 802 – Provides Forfeiture of Property as a Remedy for a Nonnative Species Violation – Sen. Goeff Hansen

This bill seeks to amend Section 4701 of the Revised Judicature Act of 1961 to allow for a criminal violation of Part 413 of the Natural Resources and Environmental Protection Act to be an offense in which forfeiture of property can be sought.

- This bill is currently before the Senate Committee on Natural Resources, Environment and Great Lakes.
- The Administration has not taken a position on this legislation at this time.

HB 5141 – Provides for a Transfer of State-Owned Property to Kent County – Rep. Peter MacGregor

This bill seeks to authorize the Department of Natural Resources to convey property located in Plainfield Township, Kent County Michigan to Kent County.

- This bill is currently before the Senate Committee on Appropriations.
- The Administration supports this legislation.

HB 5361 – Allows Individuals to Hunt from a Personal Assistive Mobility Device – Rep. Charles Smiley

This bill seeks to amend Sections 40111 and 81133 of the Natural Resources and Environmental Protection Act (NREPA) to allow individuals, who possess a valid permit for hunting from a standing vehicle, to transport and possess an uncased loaded shotgun, if the action is open, and to also discharge the firearm from a personal assistive mobility device to take small game.

- This bill is currently before the House Committee on Natural Resources.
- The Administration has not taken a position on this legislation at this time.

HR 305 – A Resolution to Urge Complete Hydrologic Separation of the Great Lakes and Mississippi River Basins – Rep. Andrea LaFontaine

This resolution urges complete hydrologic separation of the Great Lakes and Mississippi River basins, to call for the formation of a regional body to negotiate terms of hydrologic separation, and to urge Congress and other entities to take interim steps to prevent Asian carp movement into the Great Lakes.

- This resolution was adopted by the Michigan House of Representatives.
- The Administration supports this resolution.

HCR 22 - A Concurrent Resolution to Urge Complete Hydrologic Separation of the Great Lakes and Mississippi River Basins – Rep. Andrea LaFontaine

This concurrent resolution urges complete hydrologic separation of the Great Lakes and Mississippi River basins, to call for the formation of a regional body to negotiate terms of hydrologic separation, and to urge Congress and other entities to take interim steps to prevent Asian carp movement into the Great Lakes.

- This concurrent resolution is currently before the Senate Committee on Natural Resources, Environment and Great Lakes.
- The Administration supports this concurrent resolution.

If you would like to learn more about these and other bills, you can access the Michigan Legislature website at www.legislature.mi.gov.

RESOLUTION NO. 4-2014-02

RESOLUTION TO APPROVE THE GRANT AWARDS FOR WATERWAYS FUNDING

Whereas the Michigan State Waterways Commission provides advice to the Department on financial and technical issues;

Whereas the Department provides recommendations to the legislature for the appropriation of funds to the Department;

Whereas the Capital Outlay Funding provides funds for the acquisition, maintenance and development of boating facilities;

Whereas the current grant applications have been evaluated and recommended by staff;

Whereas the recommended current grant applications are able to be awarded through this year's appropriations

BE IT RESOLVED, That the Michigan State Waterways Commission recommends awarding grants as listed in the accompanying list Waterways grants.

Submitted by: Ronald A. Olson, Chief,
DNR - Parks and Recreation Division

Date: Friday, April 25, 2014

Attachment

Voting Record:

Motion by: _____

Yea: _____

Motion seconded by: _____

Nay: _____

**MICHIGAN STATE WATERWAYS COMMISSION
RESOLUTION NO. 4-2014-03**

**RESOLUTION TO SUPPORT THE SUSTAINABLE SMALL HARBOR
MANAGEMENT STRATEGY PROJECT**

Whereas the Michigan State Waterways Commission provides advice to the Department on financial and technical issues;

Whereas the Department commissions studies, surveys and research to accomplish their mission;

Whereas the collaboration between agencies and departments in setting mutual goals provides a better product to the people of the State of Michigan;

Whereas the proposed Integrated Assessment achieves those mutual goals at harbor communities;

BE IT RESOLVED, that the Michigan State Waterways Commission recommends support of the Integrated Assessment of the Sustainable Small Harbor Management Strategy Project.

Submitted by: Ronald A. Olson, Chief,
 DNR-Parks and Recreation Division

Date: Friday, April 25, 2014

Sustainable Small Harbor Management Strategy Project



BACKGROUND

Administered by the state, county, and local units of government, there are over 80 public harbors and marinas throughout the State of Michigan. The annual direct and secondary impacts to the Michigan economy from Great Lakes boating are nearly \$2.4 billion. Unfortunately, the decade-long trend of lower water levels combined with increasingly severe economic constraints have resulted in devastating local economies, something that does not appear to resolve itself in the near term.

State and federal funding for public harbors is increasingly limited, requiring revision of management strategies and planning objectives. Accordingly, by 2015, public harbors will be required to develop five-year master plans in order to receive financial support from the Waterways Commission of the Michigan Department of Natural Resources (MDNR). Research is badly needed to inform both, the development (process) and the content of these plans.

This project seeks to develop a sustainable small harbor management strategy for Michigan's coastal communities by hosting facilitated focus groups/charettes in four harbors, and then developing a financial model leading to toolkits and planning resources to guide public harbors in the pursuit of financial sustainability. The model thus developed will then be deployed to assess and advice stakeholders at two additional harbors to demonstrate transferability and use of the model and accompanying documents.

Toolkits developed by the project will help bridge the gap amongst various public harbors in their varying ability to develop a realistic long-term vision. Special emphasis will be placed on incorporating concepts from Michigan's "Placemaking" programs (currently led by Michigan State Housing Development Authority) as well as economic development initiatives (such as Michigan Economic Development Corporation's Readiness Redevelopment Program), etc. to make the toolkits relevant to today's need.

Proposed Project Description

Proposed integrated-assessment effort will have five unique tasks to address this complex socio-economic-environmental problem:

1. *Define Policy-relevant Question of How Shallow Draft Harbors face an Unsustainable Future* (LTU/ECT lead with Veritas/Knight/Michigan Sea Grant support): The Project Team plans to initiate the process of addressing small harbor sustainability by the following three sub-tasks:
 - Form an Advisory Board to guide the project team;
 - Review and summarize documents that pertain to challenges small harbors face including boating trends, harbor use patterns, harbor size, and options; and
 - Host meeting(s) of key partners (such as MDEQ, MSHDA, MDNR, etc.), advisory board, policy makers and managers that deal with this topic before engaging individual communities.
2. *Research Consequences of the Issue* (ECT lead with Knight/LTU/Veritas support): The project team will use the results from Task 1 to inform the development of a toolkit of best practices, tools, resources, and funding opportunities to support small harbor planning.

This information will be synthesized into a presentation and fact sheets on the current conditions and trends to financial challenges, regulatory and non-regulatory issues, and social equity, economic, and environmental impacts.

Ultimately, the toolkit (to be completed in Task 4) and case study fact sheets will provide a template for communities and community leaders (mayors, city managers, economic development directors, etc.) to follow as they determine the role and value of their individual harbors.

3. *Design Charettes and Case Study Development* (LTU/MSG lead with ECT/Veritas/Knight and State Agency support): The Project Team (in conjunction with the Advisory Board) will identify six small harbors as case studies. Four case studies communities will be selected for in-depth case study analyses and development of the economic model (Task 4). These four harbors communities will be subjected to the NCI charette process over a six month time period with meetings/place-making design charettes conducted in collaboration with Michigan Sea Grant. Lawrence Tech will lead the design charettes on the first two communities and support Michigan Sea Grant on the second two communities.

Communities will be selected based on the type of harbor (shallow draft, harbor of refuge), and its position relative to the community type (suburban, city, downtown), population size, and current economic condition. At least one community will be selected from each of the four Great Lakes and the Upper and Lower Peninsula's of Michigan. Two additional harbors will be selected for the application of the economic model and toolkits (Task 5).

4. **Develop an Economic Model, and Refine Decision-making Tools and Information** (Veritas/LTU lead with ECT/Knight/State Agency support): Understanding where the most value lies in these harbors is critical to identifying potential funding sources and allocating any harbor funds identified. To accomplish this, the team will study the sources of economic value these small harbors provide to various constituencies including boaters, anglers, property owners and business people. Information developed from this process will help guide decision-making including resource expenditures. Questions central to achieving this include – “how much value does the harbor generate?” and “to whom does this value accrue?” The economic model will be used in conjunction with data gathered in the preceding tasks to provide three complete case studies that other communities could follow.
5. **Model Applications to Two Additional Harbors** (MSG lead with LTU/ECT/Veritas support): The final two case studies will consist of application of the toolkits and economic model at harbor communities where place-making activities have already been completed or are ongoing by MSHDA.

6. **Dissemination** (MSG and State Agency lead, with LTU/Knight/ECT support): The Project Team will support key partners including MDEQ, MDNR, and MSHDA in their effort to disseminate project results to coastal communities. The project team will host a state-level webinar on small harbors on the topic of long-term financial sustainability and will present findings to the Advisory Board and State of Michigan agencies. Results will also be posted to an interactive website developed in conjunction with Michigan Sea Grant and MSHDA. A final report will be provided to Michigan Sea Grant to fulfill the research components of the integrated assessment process. The webinar, case study materials, and the final report will provide decision makers with the findings, outcomes, and recommendations of the research investigation.

Why Fund This Project?

This 24-month \$240,000 project seeks to develop a sustainable small harbor management strategy for Michigan's coastal communities. Noting the importance, utility, and uniqueness of this timely effort, the researchers have agreed to donate \$80,000 in time/resources as a match to this project.

The project will identify opportunities for both revenue generation and cost savings, and an economic model will be developed that coastal communities could use to ascertain the financial viability of their harbor. The final outputs of this project are the following:

- An understanding of what the key barriers to the sustainability of small harbors are;
- A sustainability toolkit for small harbors including four full case studies on how the model was developed and applied by communities, and additional applications of the model to two other harbors; and
- A summary report, presentation, case study fact sheets, and a website that will assist communities in their planning efforts.

Co-Investigator: Donald D. Carpenter, PhD, PE, LEED AP
Professor of Civil Engineering
Lawrence Technological University
carpenter@ltu.edu
Lawrence
Tech

Co-Investigator: Sanjiv K. Sinha, PhD, PE
Vice President & Corporate Director – Water Resources
Environmental Consulting & Technology, Inc.
ssinha@ectinc.com

ECT Environmental
Consulting &
Technology, Inc.

WATERWAYS Oct 1 to Sept 30	2015 Projected Budget Estimate	2014 Projected Budget Estimate	Actual FY 2014 - Year to Date 03/28/2014	% Received	Actual FY 2013	Actual FY 2012	Actual FY 2011	Actual FY 2010	Actual FY 2009
BEGINNING FUND BALANCE	\$ 5,204,854	\$ 5,457,300	\$ 5,259,700		\$ 3,497,100	\$ 1,388,500	\$ 3,263,900	\$ 3,195,600	\$ 1,192,000
REVENUE									
Gas Taxes	13,108,800	13,108,800	\$ 5,635,315	43%	\$ 13,317,300	\$ 13,349,000	\$ 13,403,400	\$ 13,612,000	\$ 13,508,400
Boat Registrations	4,915,000	4,814,700	\$ 2,033,328	42%	\$ 4,828,100	\$ 4,920,400	\$ 4,845,900	\$ 4,985,000	\$ 4,854,200
Rec. Passport	1,118,142	1,102,704	\$ -	0%	\$ 1,080,400	\$ 1,055,800	\$ 1,030,000	\$ -	\$ -
Non-Resident Rec. Passport	64,900	64,900	\$ 62	0%	\$ -	\$ -	\$ -	\$ -	\$ -
Fuel Sales	1,080,000	1,080,000	\$ 12,140	1%	\$ 1,069,700	\$ 1,102,500	\$ 1,201,000	\$ 1,071,000	\$ 858,200
Harbor Reserv.					\$ -	\$ 768,100	\$ 764,500	\$ 820,100	\$ 739,000
State Harbor Res	688,800	688,800	\$ 153,452	23%	\$ 678,000	\$ -	\$ -	\$ -	\$ -
Local Harbor Res	88,000	88,000	\$ 59,924	70%	\$ 68,700	\$ -	\$ -	\$ -	\$ -
Seasonal Boat Slips	243,000	243,000	\$ 91,548	38%	\$ 243,400	\$ -	\$ -	\$ -	\$ -
Misc.					\$ -	\$ 554,200	\$ 758,500	\$ 2,017,100	\$ 2,854,000
Use Permits	130,000	130,000	\$ 29,775	23%	\$ 137,900	\$ -	\$ -	\$ -	\$ -
Boat Dock-Pump	23,000	23,000	\$ 645	3%	\$ 25,700	\$ -	\$ -	\$ -	\$ -
Rental of Prop.	30,500	30,500	\$ 26,438	87%	\$ 31,800	\$ -	\$ -	\$ -	\$ -
Concession Rev.	31,500	31,500	\$ 12,407	39%	\$ 32,800	\$ -	\$ -	\$ -	\$ -
Various	71,250	71,250	\$ 3,158	4%	\$ 160,400	\$ -	\$ -	\$ -	\$ -
Interest earned	28,000	28,000	\$ 5,297	19%	\$ 27,300	\$ -	\$ -	\$ -	\$ -
SUB-TOTAL	\$ 21,588,892	\$ 21,473,154	\$ 8,093,487	38%	\$ 21,705,500	\$ 21,748,000	\$ 21,994,200	\$ 22,505,200	\$ 22,811,800
Fed - Marine Safety			\$ -		\$ 6,408,200	\$ 6,935,400	\$ 1,358,300	\$ 1,760,200	\$ 2,918,600
Fed - Sportfish Res.			\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
Fed - BIG P			\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL REVENUE	\$ 21,588,892	\$ 21,473,154	\$ 8,093,487	38%	\$ 28,203,700	\$ 27,683,400	\$ 23,350,500	\$ 24,265,400	\$ 25,628,400
EXPENDITURES (PRD)									
Operations									
Salary, Wages & Fringes	9,043,871	8,880,471	\$ 3,213,982	36%	\$ 11,555,800	\$ 10,784,900	\$ 9,684,000	\$ 10,026,800	\$ 9,670,800
Travel	108,974	108,974	\$ 17,083	16%	\$ 70,800	\$ 88,700	\$ 90,100	\$ 86,700	\$ 91,300
VTS	1,246,484	748,484	\$ 221,617	30%	\$ 1,274,100	\$ 1,168,800	\$ 1,061,600	\$ 1,058,200	\$ 835,500
CSS&M	3,588,591	3,086,591	\$ 522,792	17%	\$ 3,208,800	\$ 3,039,600	\$ 3,694,100	\$ 4,278,000	\$ 4,664,300
Equipment	100,000	100,000	\$ 1,728	2%	\$ 162,100	\$ 189,200	\$ 211,000	\$ 372,000	\$ 723,800
Other- Misc.	800,000	800,000	\$ 181,747	20%	\$ 832,300	\$ 641,500	\$ 721,500	\$ 802,700	\$ 923,300
SUB-TOTAL	\$ 14,885,700	\$ 13,722,500	\$ 4,138,949	30%	\$ 17,101,300	\$ 15,890,700	\$ 15,442,200	\$ 16,823,400	\$ 18,809,000
Capital Outlay (state & local)		5,277,500	\$ 23,253	0%	\$ 5,686,300	\$ 3,720,900	\$ 1,382,600	\$ 3,243,600	\$ 7,680,100
Capital Outlay (federal)			\$ -		\$ 3,848,700	\$ 2,417,500	\$ 1,358,300	\$ 1,692,600	\$ 2,916,600
Other Depts	728,000	728,000	\$ 180,889	25%	\$ 520,900	\$ 500,200	\$ 462,300	\$ 478,200	\$ 452,700
Payments to Locals		817,800	\$ -	0%	\$ 3,175,100	\$ 2,543,500	\$ 2,037,300	\$ 3,968,600	\$ 4,832,000
Exec/Suppl Serv.	713,300	713,300	\$ 245,100	34%	\$ 682,600	\$ 870,500	\$ 741,300	\$ 858,200	\$ 628,400
Info Technology	468,500	468,500	\$ 223,100	48%	\$ 468,500	\$ 462,700	\$ 630,300	\$ 532,400	\$ 647,800
Forest Mgt.			\$ 38,744		\$ 42,400	\$ -	\$ -	\$ -	\$ -
Marketing/Outreach			\$ -		\$ 140,900	\$ -	\$ -	\$ -	\$ -
TOTAL EXPENDITURES	\$ 16,793,600	\$ 21,728,800	\$ 4,848,018	22%	\$ 31,626,700	\$ 28,408,000	\$ 21,952,300	\$ 27,192,800	\$ 33,876,600
Adjust. to Reserves held for Encumbr. & Capital Outlay			\$ -		\$ 5,283,200	\$ 831,200	\$ (3,273,600)	\$ 2,995,700	\$ 10,350,800
Capital Outlay Lease			\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
ENDING FUND	\$ 10,000,240	\$ 5,204,854	\$ 8,476,172		\$ 6,457,300	\$ 3,497,100	\$ 1,388,500	\$ 3,263,900	\$ 3,185,600
Fund Balance Plan									
12% of operations should be a contingency goal									
Equates to \$1,997,680									
Plan over the next 3-5 years to reach the goal									

STATE WATERWAYS - Lump Sum Distribution (allotments include DTMB fees)

Period Ending March 28th, 2014

PROJECT NAME	Current Year Allotment	% Complete
CONST PROJECTS (AY12 and prior)		
MAPLE BAY BAS -major develop	771,524	100%
ORCHARD LAKE BAS - parking lot paving	420,836	100%
BOLLES HARBOR BAS -parking lot paving	286,108	100%
* GRINDSTONE CITY BAS -paving	52,737	100%
* LAKE FENTON BAS -paving	43,118	100%
* NEPESSING LAKE BAS -paving	-	100%
WHITE LAKE BAS -major develop	250,000	0%
TOTAL CONSTRUCTION PROJECTS	1,824,323	
PROGRAMMING DESIGN - (AY12 and prior)		
ALOHA SP BAS -dredging	33,333	99%
BERGLAND DOCK AND THOUSAND ISLAND	25,145	75%
BIG AND OTSEGO LAKES	7,700	95%
* BIG PINE AND LINCOLN LAKES BAS	7,445	100%
BOLLES HARBOR BAS	15,064	100%
CEDAR RIVER -Wetlands mitigation	4,400	95%
CRANBERRY LAKE BAS	5,666	75%
CROSS VILLAGE -feasibility study for a harbor	35,000	0%
* CUB AND RUSH LAKE BAS	3,700	100%
FORD RIVER BAS	11,000	0%
HARLEY ENSIGN MEMORAL BAS -ramp replcmnt	35,000	90%
JEWEL ROAD BAS	9,385	90%
* LAKE FENTON BAS	1,900	100%
LAKE ORION BAS	8,950	75%
LAKE SKEGEMOG	12,560	50%
KEMPS PT-MAXTON BAY-PINE RIVER	27,480	95%
LOWER FOOTE BAS	15,000	50%
MAPLE BAY BAS FMFM -BURT LK	14,585	100%
SILVER LAKE BAS STUDY	62,200	25%
ST. CLAIR CO - eng. 4 BAS sites	29,000	95%
OMAN CREEK BAS - Study of current BAS	18,000	100%
OMAN CREEK BAS - Feasibility study of area	50,000	5%
ORCHARD LAKE BAS	10,281	100%
TORCH RIVER BRIDGE BAS -parking lot paving	35,000	0%
UNION BAY BAS - feasibility/marketing study for a harbor	5,000	95%
WEST HIGGINS LAKE BAS	12,116	50%
WHITE LAKE BAS	10,538	95%
	505,447	
PROGRAMMING DESIGN - (AY13)		
CHEBOYGAN LOCK & DAM (lump sum)	150,000	25%
STATE HARBORS ELECTRICAL STUDY (lump sum)	250,000	2%
	400,000	

STATE WATERWAYS - Lump Sum Distribution (allotments include DTMB fees)

Period Ending March 28th, 2014

PROJECT NAME	Current Year Allotment	% Complete
PROGRM DESIGN CONTIG FUND -AY12 and prior	96,585	Various **
CONST CONTIG FUND -AY12 and prior	132,320	Various **
INFRA INVENTORY -AY12 and prior	28,975	Various **
MAJOR ER -AY12 and prior	164,192	Various **
DISTRICT ROUTINE MAINT. -AY12 and prior	340,980	Various **
FIELD INITIATIVES - AY12 and prior-& Small Projects	452,517	Various **
ACQUISITION-AY12 and prior	1,900,866	Various **
GRAND TOTAL LUMP SUM	5,846,205	
* Indicates project construction completed - may still receive invoicing		
** Funds are designated for various projects		

State Waterways - Line Items
March 28, 2014

04/18/2014

State Waterways - Line Items

Project Name	AY	Waterways Funding	Federal Funding	% Complete	Comments
Crystal Lake BAS *	2004	\$550,000		100%	Project Complete. Extensive legal challenges impacting the permit process and project.
	2005	\$200,000			
	2006	\$600,000			
Bayport - Dredging *	2008	\$1,000,000		100%	Project Complete. Collaboration with US Army Corps of Engineers to execute project.
Cheboygan L&D	2008	\$275,000		100%	Project Complete. Complex and extensive project with Federal funding requirements.
Straits State Dock	2008	\$609,931		99%	Primary harbor development project complete. Extensive project, multiple phases from multiple funding years. Approx. \$305,000 remains from 2 funding years for wave protection project that's currently under evaluation.
	2009	\$300,000		10%	
Land Acquisition	2009	\$1,000,000			Various locations @ various stages
	2010	\$770,000			
	2012	\$400,000			
Lac La Belle *	2010	\$667,000	\$300,000	100%	Project complete.
Port Austin	2009	\$1,000,000		100%	Phase II - Construction completed
	2010	\$2,900,000	\$1,100,000		
	2013	\$2,283,600			
Delour Harbor	2007	\$1,370,000	\$3,000,000	100%	Project complete. May be some final payments to be made.
	2010	\$1,375,000	\$2,235,000		
Sleepy Hollow BAS *	2010	\$184,100	\$582,100	100%	Project complete.
Selfridge	2011	\$500,000	\$1,500,000	75%	1st phase of project complete. Remaining funds to be applied to 2nd phase.
Dodge #4 - Cass Lk	2012	\$2,000,000		10%	
East Tawas Harbor Study	2012	\$70,000		100%	Study complete.
Fayette	2012	\$100,000	\$300,000	15%	Study complete.
Grand Total Projects		\$18,164,631	\$9,017,100		

* Indicates project construction completed, may receive invoicing

Totals By Year	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Grand Total
	\$550,000	\$200,000	\$600,000	\$1,370,000	\$1,884,931	\$2,300,000	\$5,906,100	\$500,000	\$2,670,000	\$2,283,600	\$18,164,631
	\$0	\$0	\$0	\$3,000,000	\$0	\$0	\$4,217,100	\$1,500,000	\$300,000		\$9,017,100

GRANT IN AID - LUMP SUM					
As of March 28th, 2014					
PROJECT NAME	Allotment Year *	Agreement Signed	ALLOTMENT	% Complete	Comments
INFRASTRUCTURE IMPROVEMENTS - LOCAL					
TORCH LAKE - WHITE CITY-BAS reconstruction	2004	3/7/06 & 8/13/07	15,300	15%	Bids came in over budget. Working with Township.
BURT TWP - GRAND MARAIS-ramp reconstruction	2004	3/19/04 & 7/19/07	43,500	10%	DNR has reviewed plans. Township to advertise and bid
MANISTEE TWP -Bridge St BAS	2007	3/14/08 & 1/6/11	20,437	90%	Project completed, but repairs needed. DNR working w/
MANISTIQUE, CITY OF-site develop municipal bas	2007	10/05/2009	223,100	7%	Design phase 75% complete.
SAULTE STE MARIE-ASHMUN BAY-dredging	2007	10/6/08 & 4/11/11	135,800	90%	Project is substantially complete. Waiting for final
DETROIT, CITY OF-St Jean BAS piers	2008	04/30/2010	49,250	5%	In advertising/bidding process.
DETROIT, CITY OF-St Jean BAS renov	2008	04/30/2010	100,880	5%	In advertising/bidding process.
KZOO CO-Cold Brook Co Park BAS	2008	01/16/2011	12,125	70%	Project is under construction.
MUNISING -BayShore north breakwall extension	2008	11/24/2010	354,050	5%	Project is in the final engineering phase.
VAN BUREN CO-BLACK RIVER BAS--site develop	2008	03/14/2011	13,701	5%	DNR has reviewed plans. Waiting for revisions.
BOYNE CITY, CITY-fixed finger piers	2009	07/12/2011	102,092	10%	Project is under construction.
KZOO CO-Hogsett Lake BAS-imprmnts	2009	10/19/2011	29,100	70%	Project is under construction.
	2009	01/06/2011	92,603	95%	Project substantially complete. Waiting for final reimbursement.
N. SHORE HUBBARD LK BAS-CALEDONIA TWP					
STANTON TWP -Mucky Bottom site devolp	2011	03/14/08; 06/24/11	418,700	95%	Project is substantially complete.
PORT HURON, CITY-seawall cap	2011	07/19/2011	60,625	80%	Project is substantially complete. Waiting for final reimbursement.
HARBOR DESIGN GUIDE	2011	N/A	19,000	60%	Project underway.
OSCEOLA, CO	2011	11/01/2011	38,800	5%	Funding within 3 years.
TOTAL INFRASTRUCTURE IMPROVEMENTS			1,729,063		
ENGINEERING STUDIES (LOCAL)					
COMSTOCK TWP-prelim eng 35th St BAS	2005	1/25/08,9/28/10,10/25/12	3,275	5%	Consultant is working on the design.
	2006	7/2/08 & 11/1/11		90%	Project substantially complete. Waiting for final reimbursement.
ELK RAPIDS, VILLAGE OF-wave study			15,150		
ESCANABA, CITY OF-N Shore Engineering study	2007	11/19/2004	16,626	95%	Completed project. Multiple change-overs with City over th
BRIDGETON TWP-Muskegon River BAS	2008	01/21/2011	15,150	80%	Project is under construction.
ARCADIA TWP-VETRANS MEMORIAL-design & eng	2009	09/24/2010	39,013	5%	Funding within 3 years.
MACKINAW CITY, VILLAGE - Dock replacement study	2011	12/02/2011	17,500	95%	Project completed. Waiting for final reimbursement.
TOTAL ENGINEERING STUDIES			106,714		
Un-Allocated Lump Sum - Infra/engin	2011		349,375		
Un-Allocated Lump Sum - Infra/engin	2012		464,700		
TOTAL UN-ALLOCATED			814,075		
GRAND TOTAL LUMP SUM			2,649,852		
YEARLY TOTALS	2004		58,800		
	2005		3,275		

GRANT IN AID - LUMP SUM					
As of March 28th, 2014					
PROJECT NAME	Allotment Year *	Agreement Signed	ALLOTMENT	% Complete	Comments
	2006		15,150		
	2007		395,963		
	2008		545,156		
	2009		262,808		
	2010		-		
	2011		904,000		
	2012		464,700		
	TOTAL		2,649,852		
* Funding was set aside during this year. Contracts and project may have not been started until a much later date.					
Agreement Over 3 Years Old (may not contain 3 Yr. Project Deadline w/in Agreement for older Grants)					

GRANTS-IN-AID - WATERWAYS - Line Item						
Period Ending March 28th, 2014						
	AY	PROJECT NAME(ORIG AMT-FED FUNDS)	Appropriation	% Complete	Notes	Comments
2	2010	GARFIELD TWP - NAUBINWAY ENG	210,000	90%		Consultant finishing design.
3	2011	GARFIELD TWP - Naubinway breakwater	1,500,000	0%		Agreement unexecuted and postponed.
4	2008	GRAND HAVEN-floating dock expan	505,000	5%	Phase II	Project is in the bidding phase.
8	2008	PESHAWBESTOWN (Big P Tier II)	979,700	5%		Assumed economic downturn issues. Tribe is working on Final Engineering.
12	2011	SOUTH HAVEN, CITY OF -harbormaster bldg	814,200	100%		Project completed and reimbursed.
14	2012	CEDARVILLE -dredging, marina upgrds	1,020,000	0%		Agreement unexecuted and postponed to FY16.
15	2012	MANISTIQUE-ph1 marina imprvmnts	830,000	95%		Project is substantially complete. Waiting for final reimbursement.
		TOTAL GRANTS-IN-AID	5,858,900			
* Indicates project construction completed - may still receive invoicing						
		TOTALS	2,006	-		
			2,007	-		
			2,008	1,484,700		
			2,009	-		
			2,010	210,000		
			2,011	2,314,200		
			2,012	1,850,000		
			TOTAL	5,858,900		