

**CITY HALL** 70 Maple Street

CITY MANAGER 231.398.2801

CITY ASSESSOR 231.398.2802

BUILDING INSPECTOR 231.398.2806

PLANNING, ZONING & COMMUNITY DEV. 231.398.2805

CITY CLERK 231,398,2803

CITY TREASURER 231.398.2804

WATER BILLING 231,723,2559

ADMINISTRATION Fax 231.723.1546

CLERK/TREASURER Fax 231.723.5410

POLICE DEPARTMENT 70 Maple Street 231.723.2533 Fax 231.398.2012

FIRE DEPARTMENT 281 First Street 231.723.1549 Fax 231.723.3519

PUBLIC WORKS 280 Washington St. 231.723.7132 Fax 231.723.1803

PARKS DEPARTMENT 231.723.4051

WATER MAINTENANCE 231.723.3641

WASTEWATER PLANT 50 Ninth St.

231.723.1553

June 4, 2014

Jonathon Beard **Grant Manager Great Lakes Fishery Trust** 230 N. Washington Sq. Suite 300 Lansing, MI 48933

GLFT Project Number - #2011.1220 RE:

Dear Mr. Beard:

Enclosed please find the close out documentation for the City of Manistee Fish Cleaning Station. I want to thank you for all of your assistance with this project. If there is any additional information needed, please call me at 231.398.2805.

Sincerely,

**CITY OF MANISTEE** 

Denise J. Blakeslee

Planning & Zoning Administrator

# Great Lakes Fishery Trust Final Project Report CITY OF MANISTEE - PROJECT PROFILE

#### **BACKGROUND**

In the late 1960's Michigan began exploring the concept of planting West Coast salmon into the Great Lakes. Northern Michigan and more specifically Manistee County/City of Manistee became the epicenter of this experiment that brought fishermen from around the Midwest to seek both Coho and King Salmon.

Today Manistee is synonymous with Great Lakes Salmon fishery, with thousands of Michiganders and those outside Michigan traveling to the beautiful community along the shores of Lake Michigan where the Big Manistee River bisects the City.

In the mid 1980's the City constructed a fish cleaning station directly adjacent to the First St. Boat Launch to allow Great Lakes fishermen to clean their catch before they head back to their destination. This fish cleaning station served the community and fishermen admirably for over three decades but lacked the infrastructure of a modern fish cleaning station, including barrier free cleaning tables, cooler cleanouts, useable lighting and a freezer to eliminate the odor from leaving fish remains in dumpsters during warmer months.

Thus, in the early 2000's staff started discussion on replacing the fish cleaning station with City Engineers and local charter fishermen. These discussions resulted in the GLFT application and construction of a new fish cleaning station that was completed and opened in the fall of 2013.

#### **SYNOPSIS**

**Project Title:** 

Manistee Fish Cleaning Station

**Grantee Organization:** 

City of Manistee

**Project Team:** 

Mitch Deisch, City Manager, Jeff Mikula, DPW Director, Jon Rose, Community Development Director, Amy Cook, Abonmarche Designer, Manistee County Sports Fishing Association, Alliance for Economic Success (AES) and the Michigan Department of Natural Resources Fishery Division.

**Project Contact Person:** 

Jeff Mikula, City of Manistee DPW Director

**Grant Amount:** 

\$75,000

Time Frame:

January 23, 2012 - August 31, 2013

Focus Areas:

Access (Improved fish cleaning access directly adjacent to the First Street

Boat Launch along with universally acceptable amenities).

#### **BRIEF PROJECT SUMMARY**

For the past 10+ years the City of Manistee has been planning on upgrading the fish cleaning station at First Street with a new facility that meets the needs of today's fishermen. In 2011 the City along with AES drafted a grant application to the GLFT for 50% of the costs to construct a new facility.

In 2011/2012 bids were let. Bids came in high, thus the project was rebid with another project to obtain better pricing. Bids were awarded in early spring 2013 and construction was completed by August 31, 2013.

#### **PROJECT IN CONTEXT**

Northern Michigan is a world class fishery for Pacific Salmon species. Nowhere is this more important to a local economy than in Manistee. Whereas salmon fishing occurs all summer out of the Manistee Port, it escalates to incredible proportions during the last summer/early fall when King salmon draw closer to the Manistee River Channel, which allows them to migrate up both the Little Manistee and Big Manistee River. This economic boost is a vital component to the greater Manistee area community.

There are many stakeholders in the replacement of this new state of the art fish cleaning station that includes thousands of in state and out of state anglers that flock to Manistee each year. Besides the anglers the stakeholders also include the State of Michigan who receives revenue from the fishing licenses, City of Manistee who receives revenue through boat launch fees, Charter boats who use the facility and area businesses that benefit from the increase of sales during this prime time. This is what Pure Michigan is all about for salmon fishermen.

#### **GOALS FOR THE EFFORT**

The primary goal was to replace an older fish cleaning station with a state of the art fish cleaning station that included six cleaning tables (two are universally accessible), composite fish cleaning boards, splash guards to minimize overspray from washing off fish, freezers to minimize odor complaints, large cooler cleanout station and superior LED lighting that allow anglers to clean their fish in the dark once they come off the Lake. In addition a universally accessible restroom is also built into the facility.

#### **RESULTS**

Overall the results of the project have been very positive including the comments from those who use the facility. The total cost for the project was significantly higher than originally anticipated based upon original engineer estimates, which once the design began the initial concept of a smaller facility became much larger once stakeholder input was taken into consideration. The materials used in the construction of this facility were initially selected to endure the harsh winter months along Lake Michigan.

Accepting that the cost was higher than initially anticipated, the new facility is a model for new fish cleaning stations around the Great Lakes and will serve the community and anglers for decades to come.

#### PRODUCTS AND RESOURCES

The Manistee News Advocate covered upgrades to the facility and the dedication of the facility. Information about the facility is currently available on line — Explore the Shores <a href="http://www.exploretheshores.org/destinations/view/first-street-beach-fish-cleaning-station">http://www.exploretheshores.org/destinations/view/first-street-beach-fish-cleaning-station</a>

#### **CITY OF MANISTEE - FINAL NARRATIVE REPORT**

#### **BACKGROUND/OVERVIEW**

(1) Like all projects your initial expectations of the project rarely hold true all the way to completion of the project. For the most part the City of Manistee goal was to build a first rate fish cleaning station that went along with the world class fishery. This expectation was realized.

The initial project scope of work changed significantly when we created a committee to review the needs of the fish cleaning station. Based upon the committee input the size and scope of the project changed, which also changed the total cost to construct the facility. Originally we had anticipated that the cost to build the fish cleaning station would be approx. \$150,000, which under the GLFT guidelines would be a 50/50 split for the total project cost. The project was bid out twice and the final project cost exceeded \$220,000, thus the City had to contribute significantly more funds to make the project happen.

To this end our preliminary engineering figures were not sufficient to construct the type of fish cleaning station that was needed for this location.

#### **OUTCOMES**

- (2) We followed a significant planning process with input from anglers, Charter Boat Association, Manistee Sports Fishing Association and the MDNR Fishery Division when designing the facility. The vast majorities of their suggestions made it into the final plans and were incorporated into the construction.
- (3) Our audience for this project was anglers from Manistee County, State of Michigan and surrounding states. The goal of reaching these anglers was achieved. Feedback was received from numerous anglers during the construction phase and some suggestions resulted in changes being made to the facility.
- (4) The City has strengthened this relationship with anglers who view Manistee as a world class fishery. In addition our relationship with Manistee County's Explore the Shore program also provides universal access opportunities for everyone.
- (5) Five plus years ago Council adopted the First St. Beach Conceptual Plan that was then incorporated into the City Strategic Plan. Included in both was the removal and replacement of the Fish Cleaning Station, in recognition of the importance of the economic impact of the fishing industry in the City. Adopting a plan and steadily working toward accomplishing this goal is the most important benefit. Plans are easy to create, but are often very difficult to implement.

#### SITE SPECIFIC INFORMATION

- (6) The fish cleaning station includes six cleaning tables (two of which meet barrier free standards), cooler cleanout station, freezer for fish remains and restrooms. The fish cleaning station is located in the First St. Beach main parking lot directly adjacent to the First Street Boat Launch in Douglas Park, City of Manistee.
- (7.a) Access to the facility is through the Douglas Park parking lot directly across from the First Street Boat Launch.

- (7.b) Amenities at the fish cleaning station include six stainless steel fish cleaning tables, water to assist in cleaning of fish, larger cooler cleanout, LED lighting to allow for evening use and restrooms. Both the restrooms and two out of six cleaning tables are barrier free.
- (7.c) Explore the Shores educational signs showing anglers how to clean salmon will be included.
- (7.d, e, f) N/A. (The site is not a fishing access site).
- (7.g) There are two campgrounds and ten hotels/motels within eight miles of the facility.
- (7.h) N/A.
- (7.i) The objectives of the project were met with the re-building of a state of the art fish cleaning station located in the world class fishing destination of Manistee.

#### **PICTURES**

(8) Project Photos



Open to Public



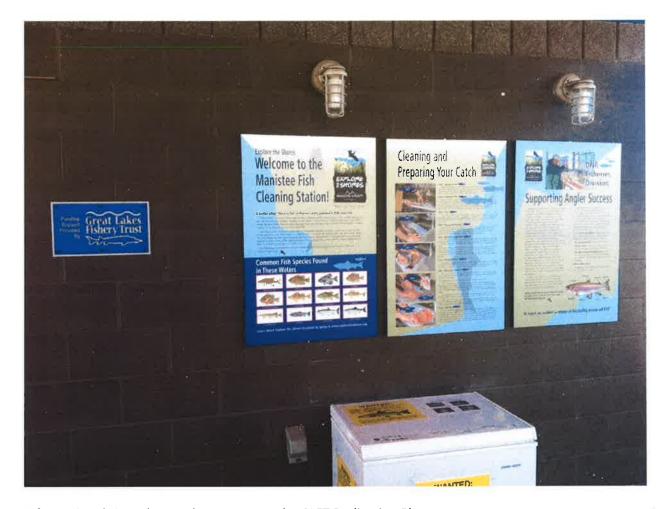
Winterized for season



Dedication



**GLFT Dedication Plaque** 



Informational signs that are locate next to the GLFT Dedication Plaque. (Individual sign photos are attachments)

#### **RELATED EFFORTS**

- (10) Project had broad support from the City, AES, State of Michigan Fishery Department and the greater Manistee angling community.
- (11) N/A.

#### **REFLECTIONS**

- (12) State of the art fish cleaning stations are destination locations within fishing communities. Amenities to support this destination need to be incorporated into these designs.
- (13) Planning and realistic construction costs/timelines are the key to a successful project.





Where Life Prests Vistor

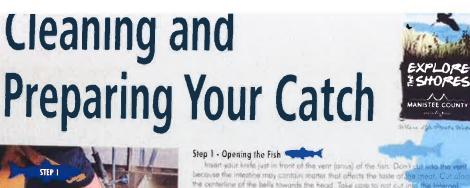
## A booklet called "Where to Fish" in Manistee County, published in 1939, noted that:

"The beautiful little city of Manistee, formed in the days of the lumber baron, is the western gateway to the vast federal farest project. Situated as the city is on Lake Michigan and Manistee Lake, into which empty the well-known Big and Little Manistee rivers, the city was once the mecca of thousands of ordern anglers in the days of the now extinct grayling."

Just as we harver the past in remembering Manisher's recreational fishery so do we proudly tay claim to the present as one of the most successful pans for recreational angling within the entire Great Lakes. We are blessed by rivers and tributaries that host ecoural reproduction of solmon and trout and waters that suit a wide variety of fish species ranging from a player and northern pike to large and small mouth bass to all forms of panish and much experi.

The following is intended to help you identify the but that you may harvest from our Port and surrounding waters.



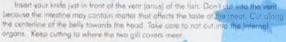














#### Step 3 - Fillet

boy your halt on its side and start the filled out at the loads of the head of the field, just above the backbone. Cut along the backbone to the fall. You now have a large titlet. Semicire the fillet from the other side in a similar fraction. You should now have two

#### Step 4 - Removing the Rib Bones

insert the point of your hints into the meat at the framitis mid-point, just beneath the no. With a stork gende ken' g motion, constudy out lowered the bottom of the fillet while keeping the sharp part of the blade angled slightly opwards to avoid getting fool deeply into the meat. Your knife should be auting right along the ribs.

Step 5 - Removing the Belly Meat

It's recommended that you remove the ballstorages portion of belly ment on the fish.

This meat iterate to be asies tougher and more strongly fluviered. Because for can also accumulate chemicals, you will also reduce chemicals to the little by removing belly

meat.
You now have a large filet. The only bones remaining are any bones that were cut off when you cut the filet from the bookspore. You continue there in the most and may ramove them with needenose plans or leave them in the meat. When cooking or smaked, the meat shrinks and the bones become very opporent and are mirch easer to

#### Step 6 - Skinning the Fillet

Many organs win the fillet. To do this, insert the knille between the meat of the hills! and the sain of the tail of the fillet and rue the crife scott up the filet between the magnand the sain. On allowing preserve the most and uniformly remove the skin.

### Step 7 - Packaging and Storing

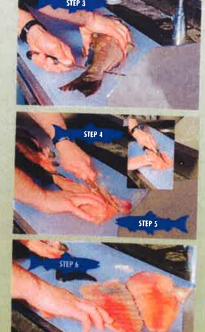
There are a number of ways to package and store your blies. If you will be driving soon, you can smely put your filler in a stallock tops put them on sea in a problem unt

If you are packaging your ish to treeze and enjoy lates you may wish to-

- Purchase and use a vocuum sealer to remove as much air as possible before freezing your cash. Salmon and Trout meat hospital levels and freezing hospital in a freezing to the seal of the seal in a freezing state, creating a pronounced officials. Remember to keep your possinged fillest on size until you reach a refrigeration or
- Pack the fillers in a zip lock bag and fill the bag with water to assove our train around the filler. Be sure to zip the bag lightly so water does not leak from the bag.
- 3. Push as much air as you can out of the tip lock back with fillets before classing the bag. It's impossible to remove all an using this method so consurting your limits as soon as possible is recommended with this option.

## Step 8 - Clean Up

All fish waste must be placed in the bucket of your cleaning station and deposed on the cold storage area where it will be picked up by a company that recycles fish waster rate marketable products. Please use plenty of water to wesh down your cleaning area to remove odor and make the cleaning space ready for the next angler. A trainer, this facility expenses very high use. Your patience and proper use of this facility will be greatly appreciated by all angless that follow you with their catch of solmen and front.





# **Supporting Angler Success**

Michigan's Great Lakes sport fishery has been monitored with a statewide contact creal survey program since 1983. The objective of the program is to obtain a continuous record of sport catch, catch rates, and catch composition for the Great Lakes and other important fisheries. At the Manistee Fish Cleaning Station, you may often see a DNR Fisheries Creel Census Clerk. They are not interested in your fishing license but they are very interested in knowing about your time on the water and what you caught. The important information gathered by creel clerks is the raw data used for analyses that help focus and develop Michigan's fisheries programs. Creel clerks will ask you when you began and ended your fishing trip and what you caught. They may also ask to weigh your catch and collect some scale samples used to determine age and growth. If a fish has certain fin clips, the clerk may ask for the snout of the fish to recover a very small implanted tag used to track migratory patterns and growth. The more information you supply, the more you are able to support the future of our fisheries!

And don't be afraid to ask the clerk about where, when and how fish are being caught based on the survey results. The clerk may be your best source of accurate information that can really boost your angling results.

DNR Fisheries Division can also be contacted by calling the Cadillac Service Center 231-775-9727 or email: DNR-Fisheries@michigan.gov Funded by the Great Lakes Fishery Trust and the City of Manistee, the Manistee Fish Cleaning facility was built in 2013 to provide thousands of anglers with an outstanding place to properly clean their catch to enjoy our recreational fishery to its fullest. The tollowing information is provided as a guide to belo you safely and properly clean and prepare your catch for the table.

FILLET KNIVES ARE SHARP! Always use caution when using a filler knife. Use common sense guidelines whenever you handle a knife:

- Cut away from yourself, not towards yourself.
- Take your time. Attempting to clean your fish quickly can cause carelessness and injury.
- Your knife isn't the only thing that is sharp. Many scratches, cuts, and puncture wounds come from the fish's teeth, bones, or gill rakers. Use coution!

#### Parts of a Salmon or Trout

It's helpful to know the names of some of the parts of a salmon or trout:



To report an accident or misuse of this facility, please call 911!