

OUTLINE OF PLAN FOR REMOVAL OF LARGE SCRAP METAL FROM BEAVER ISLAND

DRAFT FOR DISCUSSION ONLY – FALL 2020

General Description of Needs and Implementation:

When the Beaver Island Master Plan was adopted by both island townships in 2017, one of the top priorities of the Master Plan Action Plan was to “Explore options to improve the Transfer Station to process large metal items, like cars”. In 2019 the St James Township board identified this as a goal and set three outcomes to move toward achievement of the goal: 1) research the cost of bringing a crusher to the island, 2) research how other municipalities dispose of large items/cars, and 3) research grants and other funding for processing large items.

Prior to the township setting this goal, it was a topic of conversation and concern at the community level. The last time a significant project for crushing and moving scrap vehicles off the Island was around 2002. Since that time, much has been accumulated around the island. At least two St James Township vehicle collection spots were cleared of vehicles which ended up at a salvage yard in Peaine Township. The Beaver Island Transfer Station has also been accumulating large amounts of metal, mostly small appliances, of which they have no good way to dispose.

In the past year, the Waste Management committee (a committee of both townships) researched the issue and reached out to regional scrap metal processors and found no real interest on their parts to tackle the Beaver Island issue. Discussions were held with Darrell Butler, Jr. of Beaver Island about the likelihood of him bringing some piece of large equipment to the Island to deal with the large metal objects, mostly cars, which have accumulated on his property as a result of cleaning up other areas of the Island.

The plan outlined below is based upon a plan to work with Darrell Butler, Jr. to bring a used OVERBUILT BALER/LOGGER to the island in 2021 to handle metal at the transfer station and for other interested individuals and businesses to dispose of their accumulated metal. The plan outlined is very general and needs much more attention to build out the details of the operation and actual costs.

Details of the Implementation:

1. Equipment to be Used:
 - a. OVERBUILT BALER/LOGGER. According to their website, The OverBuilt baler/loggers are the fastest, most efficient baler/loggers any scrap recycler can own. Compressing scrap metal and vehicles into denser, stackable forms results in more efficient loading and transport. [Bailer sample https://www.overbuilt.com/baler_logger](https://www.overbuilt.com/baler_logger)
 - b. Loader would be used at transfer station to push piles closer
2. Timeline
 - a. Summer of 2021
 - b. Baler on island for 6 – 10 weeks or until all need is exhausted
3. Logistics of getting equipment to and from BI
 - a. Baler delivered from Wyoming to Ironton MI and Fogg Towing to deliver to the Island.

4. Location of equipment operation on BI
 - a. Transfer station 2-3 days
 - b. Darrell Butler, Jr. Property several weeks
5. Items to be accepted
 - a. Most metal items including cars with clear title
 - b. no refrigerators because of freon, no whole propane tanks, no batteries
6. Process for removal of items from BI
 - a. Items will get crushed and stacked and wait until iron prices go up
7. Insurance
 - a. Insurance would be the responsibility of Darrell Butler, Jr

Cost of the Operation:

1. Overall cost of getting equipment to and from BI – These are estimates only
 - a. Cross country transportation estimate 18K
 - b. Barge transportation estimate 1200 – 2000K
2. Estimated cost of operation to be covered by contractor
 - a. \$200 – \$800 per hour for operation, this is wide range because it would be dependent upon the amount of the transportation costs could be covered by townships, donations and/or grants.
 - b. Amount requested of townships to support the project – this is still to be determined; as the desire of taxpayers is to resolve this issue and ‘clean up’ the island, public input will be sought to determine amount of tax dollars to commit

Tentative Timeline for Decision-making:

- *November 2020 – January 2021: Townships complete further research and fine tune plan for boards to decide in January if they wish to pursue the project. If so, then:*
- *January – March 2021: Plans finalized*
- *Summer 2021: Baler on Beaver Island and work commences*



Image of OverBuilt Baler