

Agenda

Recycling Committee

Monday October 10, 2016 at 4 pm.

1. Minutes Sept 12, 2016

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2. Adoption of the agenda
3. Lisa Bjerke- 15 min. – Recycling/Solid Waste discussion
4. Review Transfer Station renovation Plans- Chip Reeves
5. Review Recycling Tonnage- Chip Reeves
6. Schedule next meeting

Adjourn

## Task Force on Recycling

### Minutes

September 12, 2016 at 4 pm.

Attending: Ted Koffman, Arnold Lundquist, Robert Rechholtz, Ken Smith, Clark Stivers, Martha Searchfield, Mike Handwerk. Staff- Chip Reeves, Cornell Knight.

This being the first meeting of the Task Force, everyone introduced themselves.

Ted Koffman was nominated as Chair, and voted unanimously.

Mike Handwerk, was elected Vice Chair.

Arnold Lundquist was elected Secretary.

Cornell Knight requested the task force review the new plan for the town transfer station so the budget request can be submitted. Cornell and Chip reviewed the engineer's plot plan for a new Transfer Station with the task force. The traffic pattern currently being worked on will avoid backing up for waste disposal. A two lane drive thru for residential disposal and a different entrance would be used for commercial vehicles to back into. The hopper would use a ram to compact waste into the trailers in the lower level assisting in waste transport. The recycling facility will be modified and improved as part of the redesign. Copies of the plan were provide to each member for study and comment at the next meeting. By the next meeting there will be a draft plot plan for the Transfer Station from the engineer.

The task force also discussed several recycling/ refuse topics for future action :

- a. There was discussion about single sort recycling with Chip indicating significant cost involved but the subject will be examined at a later point.
- b. efforts to reach the State of Maine's goal of 50% recycling by 2021 was discussed
- c. The town disposal of commercial waste was discussed. Bar Harbor is one of few towns which dispose of commercial waste. As much as 2/3 of the waste disposed of by the town is commercial. There are businesses in town that are doing a good job of recycling. Martha said she would speak to Ocean Properties and Thirsty Whale and possibly send out an email to the Chamber members so a couple can be invited to the next meeting and discuss their efforts and ideas. It was generally agreed that recycling of commercial waste is an important topic.
- d. The Task Force also discussed composting and will look at this in the future.

Lisa Bjerk , an invited guest who is studying waste management, distributed copies of reports on recycling and solid waste management in the State of Maine. Clark will send the links for the reports to the members for them to review.

Chip will send out information about the recycling program and financial information on the waste program in Bar Harbor.

Next meeting is October 10<sup>th</sup> at 4 pm.

### Mixed Plastic Disposal Costs - EMR vs PERC 2016



### Mixed Plastic Disposal Costs - CY 2016

MONTH	<sup>1</sup> Dumpster and EMR disposal	<sup>2</sup> EMR Hauling and PERC	Difference
JAN	\$0.00	\$0.00	\$0.00
FEB	\$0.00	\$0.00	\$0.00
MAR	\$0.00	\$0.00	\$0.00
APR	\$0.00	\$0.00	\$0.00
MAY	\$170.80	\$55.08	\$115.72
JUN	\$256.40	\$43.87	\$212.53
JUL	\$257.60	\$45.77	\$211.83
AUG	\$278.00	\$60.40	\$217.60
SEP		\$0.00	\$0.00
OCT		\$0.00	\$0.00
NOV		\$0.00	\$0.00
DEC		\$0.00	\$0.00
<b>TOTAL</b>	<b>\$962.80</b>	<b>\$205.12</b>	<b>\$757.68</b>

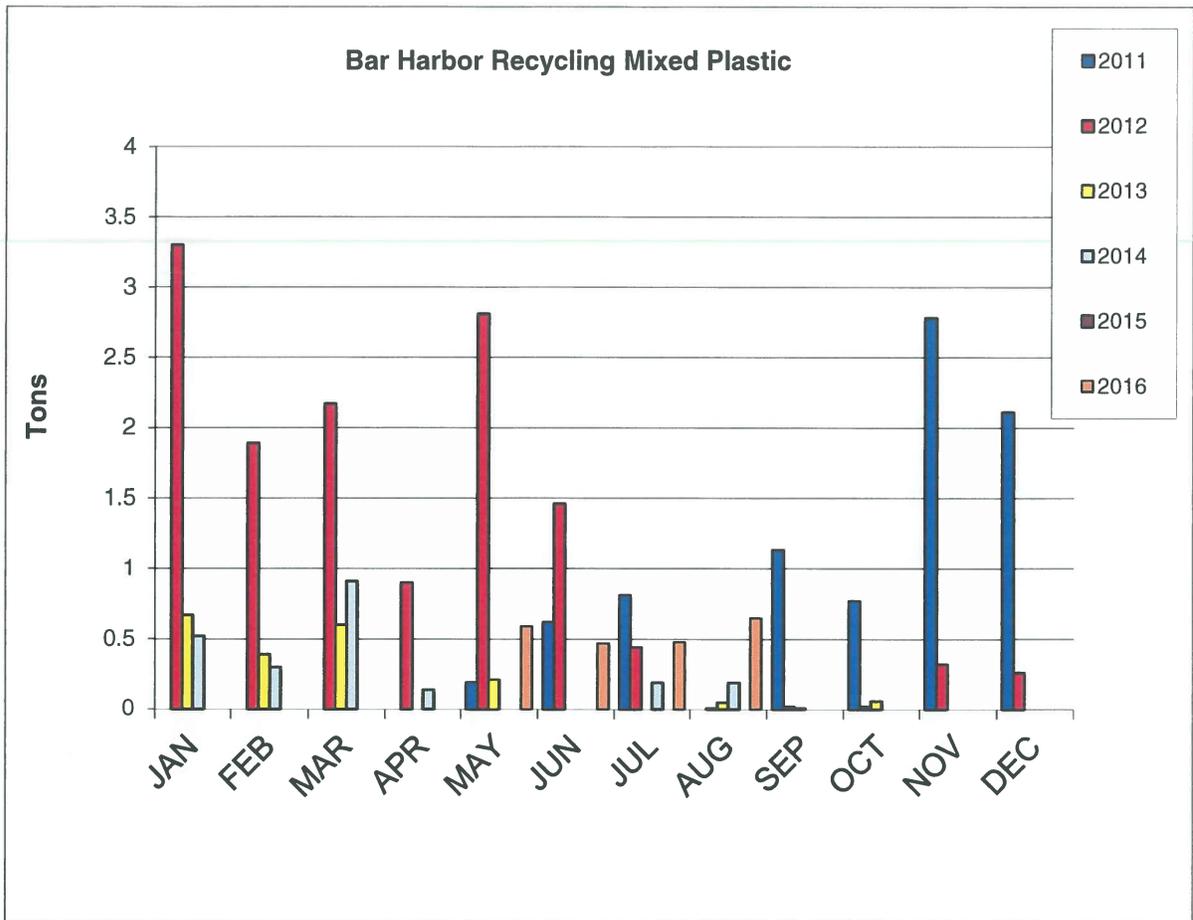
<sup>1</sup> Does not include labor cost to handle mixed plastic. Does include Gott's dumpster pick-up / hauling fee @ \$200 / month, plus EMR processing @ \$120 / ton.

<sup>2</sup> Cost if disposed as municipal solid waste and hauled by EMR to PERC for incineration.

\*\* No tonnage for the month

11/16/15 Plastics dumpster removed.

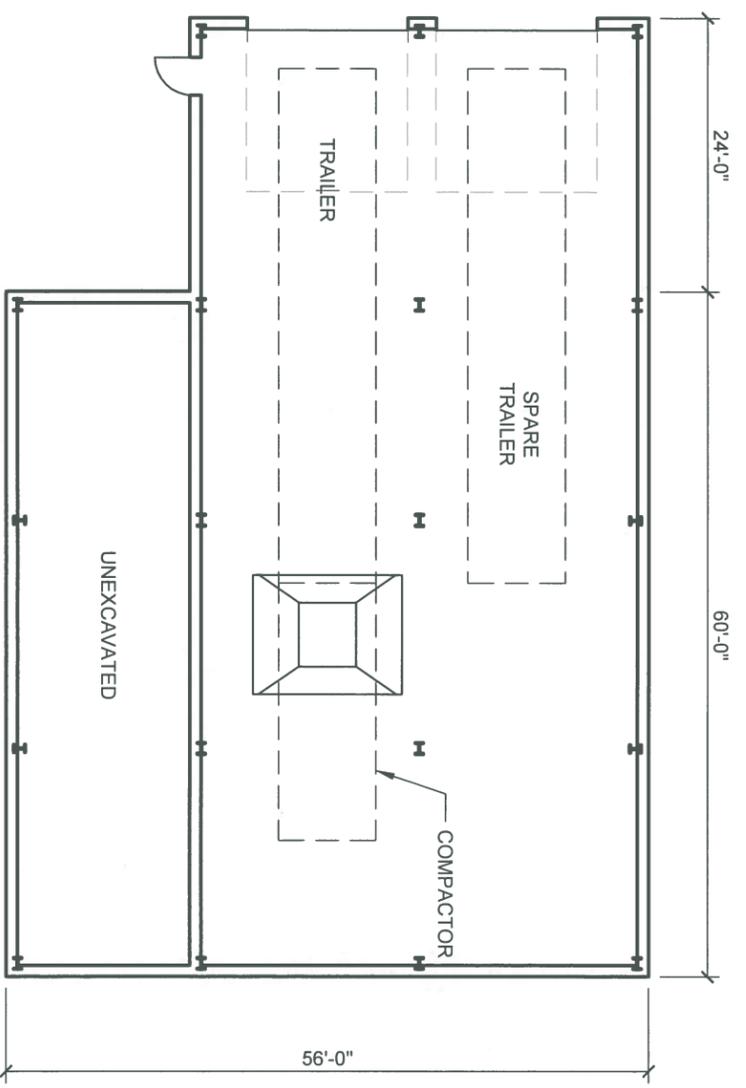
4/22/2016 15-yard plastics dumpster delivered to Recycling Center; no rental fee; \$100 pick-up fee



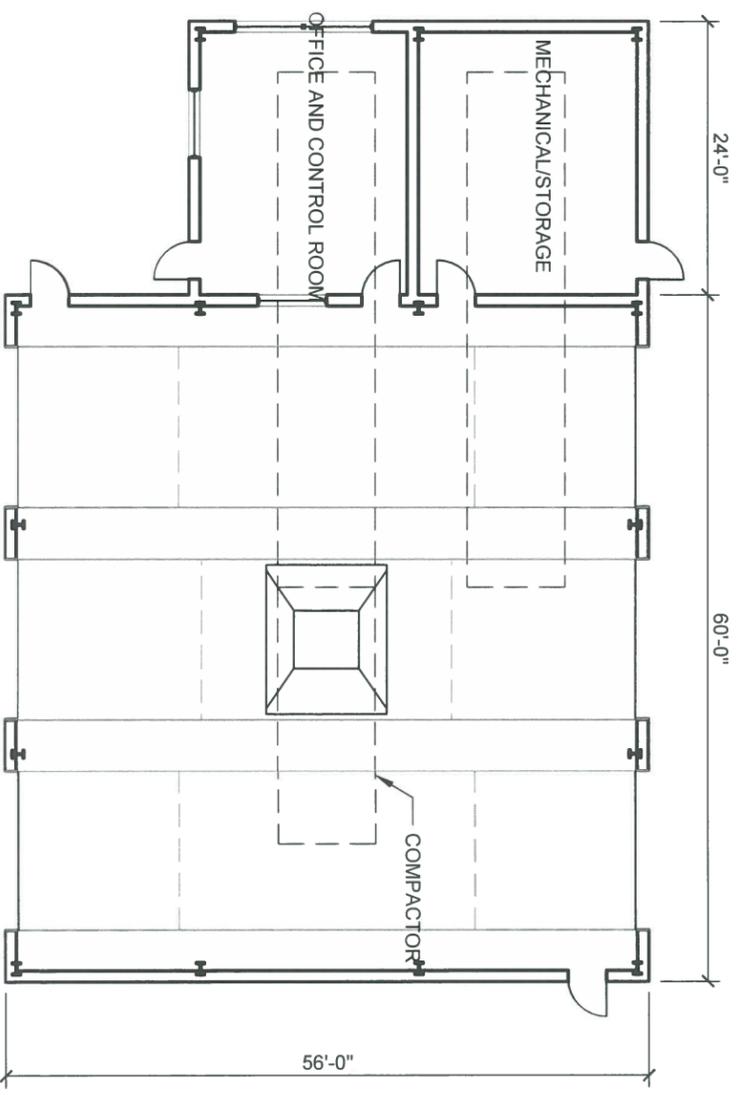
**Mixed Plastic (tons)**

	2011	2012	2013	2014	2015	2016
JAN	0	3.3	0.67	0.52	0	0
FEB	0	1.89	0.39	0.3	0	0
MAR	0	2.17	0.6	0.91	0	0
APR	0	0.9	0	0.14	0	0
MAY	0.19	2.81	0.21	0	0	0.59
JUN	0.62	1.46	0	0	0	0.47
JUL	0.81	0.44	0	0.19	0	0.48
AUG	0	0.01	0.05	0.19	0	0.65
SEP	1.13	0.02	0.01	0	0	
OCT	0.77	0.02	0.06	0	0	
NOV	2.78	0.32	0	0	0	
DEC	2.11	0.26	0	0	0	
<b>Totals</b>	<b>8.41</b>	<b>13.6</b>	<b>1.99</b>	<b>2.25</b>	<b>0</b>	<b>2.19</b>

May 2011: Begin sorting / storing / disposing of plastic other than no. 2 plastic.



**BASEMENT**  
SCALE: 1/16"=1'-0"

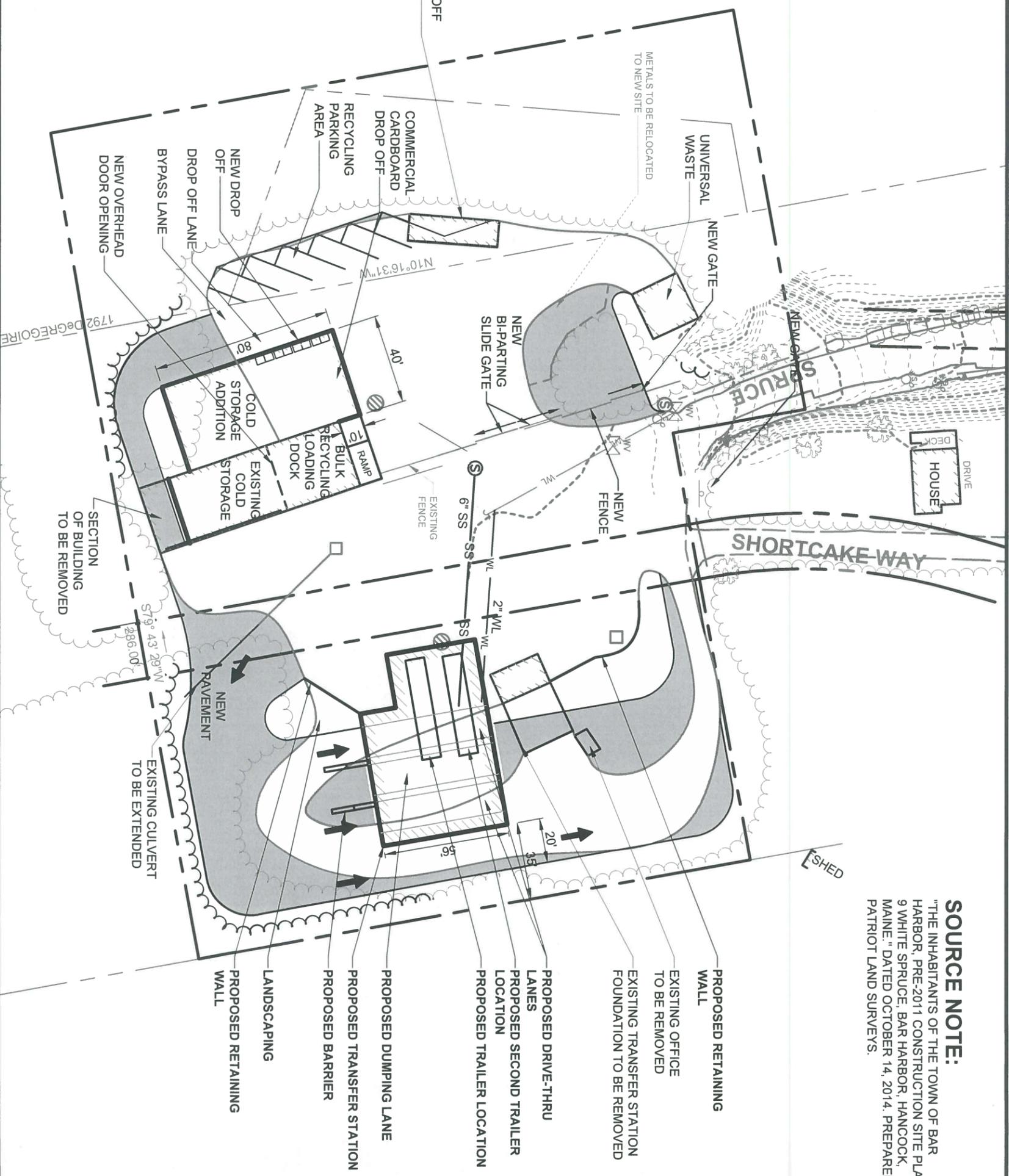


**PROPOSED FLOOR PLAN**  
SCALE: 1/16"=1'-0"

PROJECT TITLE: <b>TOWN OF BAR HARBOR - TRANSFER STATION</b>		DWG: <b>S101</b>		BY: <b>BTH</b>		REV:		DESCRIPTION:	
SHEET TITLE: <b>BAR HARBOR, MAINE</b>		DATE: <b>9/29/2016</b>		APPROVED BY:		REV DATE:		DESCRIPTION:	
<b>CONCEPTUAL SKETCH</b>		SCALE: <b>AS NOTED</b>		CHECKED BY:		ISSUE DATE:			

**LEGEND:**

DESCRIPTION	EXISTING	PROPOSED
SEWER MANHOLE	⊙	
UTILITY POLE	⊙	
CATCH BASIN	⊙	□
WATER SHUT OFF	⊙	
WATER VALVE	⊙	
PROPERTY LINE	—	—
OVERHEAD UTILITY LINE	— OHU	
EDGE OF PAVEMENT	—	
EDGE OF GRAVEL	—	
FENCE	X — X	X — X
WATERLINE	— WL	— WL
STORM DRAIN	— SD	— SD
SANITARY SEWER	— SS	— SS
RETAINING WALL	—	—
MINOR FOOT CONTOUR	--- .98	
MAJOR FOOT CONTOUR	--- .100	
TREELINE	~	~
PAVEMENT	▭	▭

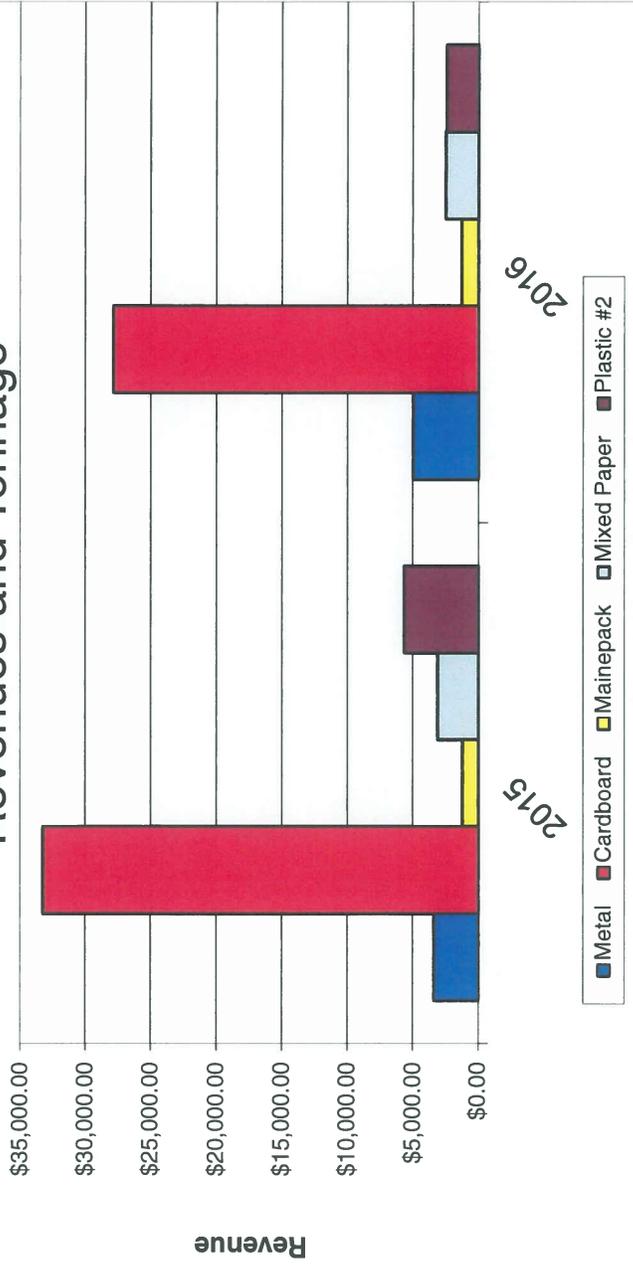


**SOURCE NOTE:**  
 "THE INHABITANTS OF THE TOWN OF BAR HARBOR, PRE-2011 CONSTRUCTION SITE PLAN, 9 WHITE SPRUCE, BAR HARBOR, HANCOCK, MAINE." DATED OCTOBER 14, 2014. PREPARED BY PATRIOT LAND SURVEYS.

PROJECT TITLE: <b>TOWN OF BAR HARBOR - TRANSFER STATION BAR HARBOR, MAINE</b>		DWG: <b>C101</b>	BY: BTH/CWS	REV:	DESCRIPTION:
SHEET TITLE: <b>MASTER PLAN CONCEPTUAL SKETCH</b>		JN: 10156.002	DATE: 9/29/2016	REV DATE:	
		SCALE: 1" = 50'	APPROVED BY: [Signature]	ISSUE:	
			CHECKED BY: [Signature]	ISSUE DATE:	



## Bar Harbor Recycling Revenues and Tonnage



9/30/2016

	Metal	Cardboard	Mainepack	Mixed Paper	Plastic #2
2015	\$3,370.33	\$33,246.00	\$1,215.50	\$3,095.42	\$5,631.84
2016	\$4,956.57	\$27,842.21	\$1,284.25	\$2,504.16	\$2,417.80
2015 Tonnage	150.25	411.6376	22.1	144.327	11.46
2016 Tonnage	104.234	310.1205	23.35	93.36	7.7

NOTE: Revenues are net (gross revenues less coop fees and freight charges).

# Total Solid Waste and Recycling Tonnage

10/7/2016

Calendar Year	Metals	Maine Pack	Corrugated	Mixed Paper	Total Recycled	MSW (trash)	Recycle & MSW Total	Recycle Rate	MSW Rate
2006	196	281	373	146	996	4,905	5,901	17%	83%
2007	187	128	345	146	806	4,934	5,740	14%	86%
2008	129	125	414	125	793	5,021	5,814	14%	86%
2009	151	128	351	145	775	4,871	5,646	14%	86%
2010	182	84	383	150	799	4,858	5,657	14%	86%
2011	174	96	371	143	784	4,881	5,665	14%	86%
2012	165	62	437	185	849	5,101	5,950	14%	86%
2013	138	41	388	168	735	5,173	5,908	12%	88%
2014	173	40	400	160	773	5,255	6,028	13%	87%
2015	150	22	413	145	730	5,470	6,200	12%	88%
2016	112	23	310	93	538	4,330	4,868	11%	89%

