

**2011 ROCKWEED (*Ascophyllum nodosum*)
HARVEST PLAN
FOR COBSCOOK BAY
WASHINGTON COUNTY, MAINE**

Submitted to:

**MAINE DEPARTMENT OF MARINE RESOURCES
Augusta, Maine**

Submitted by:

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Introduction

In accordance with Sec. 1. MRSA § 6802 8., I, James Young, submit this harvest plan for the purpose of identifying my objectives and methods for the harvest of rockweed (*Ascophyllum nodosum*) in Cobscook Bay for the year of 2011.

Biomass Assessment

In 2011, I plan to harvest 17% or less of the total harvestable biomass from the sectors allotted to me, as allowed by Sec. 1. MRSA § 6802 10.

The annual harvestable biomass for the sectors in which I will conduct my harvesting operations was determined by the Maine Department of Marine Resources. As directed by the Maine Department of Marine Resources, I will be using the same harvestable biomass estimates as used for the 2009 & 2010 Cobscook Bay harvest year.

Harvest Areas and Quantities

I plan to harvest a total of 730 short tons of rockweed. This number represents 17% of the total harvestable biomass in each of my allotted sectors. The sectors I am looking to harvest in 2011 are A-29 through A-31, and A-33 in Denny's and Whiting Bay.

A list of the sectors that I will be harvesting and their individual annual harvestable biomass figures can be found in Attachment A. A map of these sectors can be found in Attachment B.

Harvest Records and Audit Trail

As the owner/operator of my harvesting boat, I will keep daily records of harvested rockweed in regards to tonnage, sector, and to whom the rockweed is sold. Further, records of my harvest will be reported to the Maine Department of Marine Resources by monthly landings reports.

Methods of Harvest

I plan to harvest rockweed in Cobscook Bay using a Maine designed, and built, mechanical cutter on my harvest boat. Mechanical cutters of this kind have been used effectively in Maine for over twelve years.

Bycatch Management

I will return all visible by-catch to the waters of Cobscook Bay as soon as practicable.

Random sampling will be done upon landing of the rockweed. Samples will be looked at for the presence of animal and plant species. Records of bycatch observed will be kept by me.

Harvester Training

All harvesters that will work on my boat, whether myself or another licensed harvester, will be educated in the areas of cutting regulations and techniques, sector recognition, by-catch avoidance, and reporting requirements.

Harvesters, on my boat, who do not abide by the regulations set forth by the Department of Marine Resources, or the guidelines set forth by North American Kelp, will be terminated.

Attachment A

James Young
2011 Cobscook Bay Harvest Plan
Sector Breakdown

AREA	SECTOR #	TOTAL ROCKWEED BIOMASS	TOTAL BIOMASS MINUS CONSERVATION	AVAILABLE BIOMASS (17%)	2011 PLANNED HARVEST
Denny's Bay	A-29	1824	547	93	93
	A-30	5166	2583	439	439
		6990	3130	532	532
Whiting Bay	A-31	2787	1115	190	190
	A-33	238	48	8	8
		3025	1163	198	190
	TOTALS	10015	4293	730	730

Attachment B

