

**JOINT APPLICATION AND NOTIFICATION
U.S. ARMY CORPS OF ENGINEERS
MISSISSIPPI DEPARTMENT OF MARINE RESOURCES
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY/OFFICE OF POLLUTION CONTROL**

Applicant: Ecological Asset
Management, LLC
Mailing Address: 803 Highway 90
Bay St Louis MS, 39520
Phone Number: (228) 324-9093
Email Address:
mitch@ecologicalasset.com

Agent:
Mailing Address:
Phone Number:
Email Address:

Date Submitted:

08/10/2023

DMR Permit Number:
DMR23-000544

Historic DMR Permit Numbers:

DMR-180002

DMR File Number:

23-000473

Project Location:

0714 -27-001.000
Cat Island, MS
County

Latitude: 0
Longitude: 0

Do you still need to enter a Project Location?
How will you identify the project location:

Project Information:

Project Name or Title: Harvest Native Sand Dune Vegetation from Cat Island

Project Description: Collection of plant materials to generate native plant material for coastal habitat restoration projects in Mississippi

Project Purpose and Need: Ecological Asset Management, LLC is seeking permission/permit waiver to collect plant materials (cuttings, seed stock, and/or bare root plugs) from native dune plants located on state owned land on Cat Island, Harrison County, MS. Target plant species to be harvested include: Sea Oats (*Uniola paniculata*), Gulf Bluestem (*Schizachyrium maritimum*), Bitter Panicum (*Panicum amarum*). Additional diversity species could include: Beach Elder (*Iva imbricata*), Railroad Vine (*Ipomoea pes-caprae*), Sea Purslane (*Sesuvium portulacastrum*) and Beach Morning Glory (*Ipomoea imperati*). The collected materials will serve as source material for future coastal restoration projects. Ecological Asset Management, LLC's collection and harvesting activities will be coordinated with the MS Department of Marine Resources and will be conducted in a manner that does not compromise the integrity of the habitat on or adjacent to the harvest site. No more than 10% of the total seed production will be collected from any population within a single year, and collections will not be taken from small populations of plants or those in areas with invasive species. The broad collection area within the permit allows for a small amount of plant materials to be collected from many plants, rather than concentrated plant material collection in a small permit area. A previous permit (DMR-180002) was issued by MDMR on October 4, 2017.

Intended Use: Commercial

Will the Proposed Project have a Public Benefit?: Yes
Increased tax base:
Increased employment:

National security benefits:

Improved habitat:

Other: The collected material will be utilized for coastal restoration efforts.

Does Project area contain any marsh Vegetation?: Yes

What measures will be taken to reduce detrimental off-site effects to the Coastal Wetlands during and after the proposed activity?: Other

Impact Information:

Number of Impact Types **03**

Impact Type: **Plant material collection**

Species to be Collected (Plant Material Collected) Uniola paniculata (Sea oats), Panicum amarum (beach panic grass)

What will be Collected? 01. Seeds/Fruits

Is this a component of a larger project? No

Is any portion of this impact complete? No

Impact Type: **Plant material collection**

Species to be Collected (Plant Material Collected) 2 Panicum amarum (beach panic grass), Schizachyrium maritimum (gulf bluestem)

What will be Collected? 2 02. Cuttings

Is this a component of a larger project? 2 No

Is any portion of this impact complete? 2 No

Impact Type: **Plant material collection**

Species to be Collected (Plant Material Collected) 3 Beach Elder, Beach morning glory, Railroad vine, Sea Purslane

What will be Collected? 3 02. Cuttings

Is this a component of a larger project? 3 No

Is any portion of this impact complete? 3 No

Additional information relating to the proposed activity

Have any other federal, state, or local agencies issued permits or other types of approvals for the proposed project?: Yes

Agency Name: MS Department of Marine Resources

Type of Approval: Certificate of Waiver

Identification Number: DMR-180002

Date Applied: 06/30/2017
Date Approved: 10/04/2017

Have any other federal, state, or local agencies denied approval for the proposed project?: No

Project Schedule

Do you know the Proposed Start Date? Yes
08/09/2023

Do you know the Proposed Completion Date? Yes
12/12/2028

Do you know the Estimated Cost of the Project?

Adjacent Property Owners:

Application Certified by: Mitch Tinsley
