

Grastic Planting Plots

• Approx. 10 acres

• 4,600 plugs



Proposed Synthetic Vegetation Planting Project

June 30, 2008

Iberia Parish, LA

Application by: C. Michael Windham, LDWF Fur and Refuge Division
P.O. Box 98000 Baton Rouge, LA 70898

I received approval from our administrators to test your Bayou Backer product at Marsh Island Refuge. We can commit to providing logistical assistance (i.e., hauling equipment, people, etc.) for setting up the test plots. Also, we can assist with some very basic monitoring after the project is implemented. However, we cannot commit to providing labor to install your product. We do not have sufficient personnel to install the synthetic grass without additional assistance. Thus, we need to work on coordinating volunteers, parish trustees, or hired help to assist. I spoke with Charles Stemmans and Wayne Mouton (a local FFA teacher) today about coordinating student volunteers to assist. Mr. Mouton said for me to give him some potential dates and he would let us know if he could assist. Also, we may be able to discuss with Charles the possibility of coordinating trustee assistance. Please let me know if you have any questions or need additional information.

Thanks,

Natalie Snider
Science Director
Coalition to Restore Coastal Louisiana
6160 Perkins Road, Suite 225
Baton Rouge, Louisiana 70808
(225) 767-4181
(225) 768-8193 (fax)
(888) LA COAST

Office of the Lieutenant Governor
State of Louisiana

BILLY NUNGESSER
LIEUTENANT GOVERNOR



P. O. Box 44243
BATON ROUGE, LOUISIANA 70804-4243
(225) 342-7009

January 23, 2017

To Whom It May Concern:

I would like to express my full support of Bayou Backer, an erosion control product developed by Mr. Joseph Lazaro. I have worked most of my life addressing coastal erosion and I am confident that this product could be a solution to Louisiana's coastal erosion.

Bayou Backer is simple to use and cost effective, and the company is poised to do business. In my opinion, Mr. Lazaro's product is worthy of consideration for potential investment or grant proceeds. Bayou Backer could be a major source of protection to the marshlands of Louisiana.

Any assistance you can offer to Mr. Lazaro and Bayou Backer Erosion Control is appreciated. Thank you in advance for your time and consideration. Please feel free to call if I can be of service to you.

Sincerely,

A handwritten signature in cursive script that reads "Billy Nungesser".

Billy Nungesser
Lieutenant Governor

WHN/ls



VERMILION PARISH POLICE JURY
 Courthouse Bldg.
 100 N. State St., Suite 200
 Abbeville, Louisiana 70510



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LINDA DUHON
 PARISH ADMINISTRATOR

337-898-4300
 FAX 337-898-4310

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Pitch NOLA
 4035 Washington Ave.
 New Orleans, LA 70125

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DISTRICT 3
 NATHAN GRANGER

RE: Police Jury Meeting
 January 17, 2017

DISTRICT 4
 RONALD DARBY

To Whom It May Concern:

DISTRICT 5
 WAYNE TOUCHET

In action taken at their January 17, 2017, meeting, the Vermilion Parish Police Jury is supporting the Bayou Backers Erosion Control for "Erosion Protection Little Vermilion Bay" 2017 grant application.

DISTRICT 6
 MARK POCHE

Should you have any questions, or need additional information, please feel free to call on us.

DISTRICT 7
 PAUL BOURGEOIS

DISTRICT 8
 ERROL J. DOMINGUES

Very truly yours,

Linda Duhon
 Parish Administrator

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 KEVIN SAGRERA

DISTRICT 10
 RONALD MENARD

LLD/pmp

DISTRICT 11
 PERVIS GASPARD

Cc: Bayou Backers

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HON. CRAIG A. MATHEWS
2208 Highway 318
Jeanerette, Louisiana 70544

DISTRICT NO. 2

HON. J INA
603 Sycamore Street
Franklin, Louisiana 70538

DISTRICT NO. 3

HON. DALE J. ROGERS
404 Ida Street
Franklin, Louisiana 70538

DISTRICT NO. 4

HON. GLEN HIDALGO
1219 Columbus Avenue
Morgan City, Louisiana 70380

DISTRICT NO. 5

HON. KEN SINGLETON
1515 Main Street
Patterson, Louisiana 70392

DISTRICT NO. 6

HON. GABRIEL BEADLE
613 Shadowlawn Drive
Berwick, Louisiana 70342-3229

DISTRICT NO. 7

HON. JAMES W. BENNETT, JR.
2106 Sixth Street
Morgan City, Louisiana 70380

DISTRICT NO. 8

HON. STERLING J. FRYOU, SR.
156 Beadle Street
Morgan City, Louisiana 70380

DISTRICT NO. 9 AT LARGE

HON. PAUL P. NAQUIN, JR.
Post Office Box 371
Baldwin, Louisiana 70514-0371

DISTRICT NO. 10 AT LARGE

HON. STEVE F. BIERHORST
119 Jones Drive
Patterson, Louisiana 70392

DISTRICT NO. 11 AT LARGE

HON. KEVIN VOISIN
1202 Hickory Street
Morgan City, Louisiana 70380

January 18, 2017

To Whom It May Concern:

I have seen a presentation by Mr. Lazaro, at the December 16, 2015 Regular Meeting of St. Mary Parish Council. He appears to have overcome a number of the technical problems that have plagued the effectiveness and survival of artificial submerged grass beds used to stabilize muddy shorelines. His Bayou Backer Erosion Control product has been demonstrated in limited laboratory and field testing to preferentially induce deposition and retention of fine-grained sediments that otherwise would not fall out of suspension. I believe this low-impact technology is worthy of further investigation.

Sincerely,



Kevin Voisin
Vice-Chairman

KV/lcm

To Whom it may concern:

The Vermilion Parish Police Jury was supportive of Mr. Lazaro's State permit to test *Bayou Backer Erosion Control* in Little Vermilion Bay. I have seen presentations by Joe Lazaro at our regular Coastal Meetings since he began the project and others. He has gathered quality data and has modified his product to meet actual field conditions. I think there are areas such in lower Vermilion Parish that might be suited to his coastal protection method. Please consider giving Mr. Lazaro's Bayou Backer Erosion Control initiative your support.

Sincerely

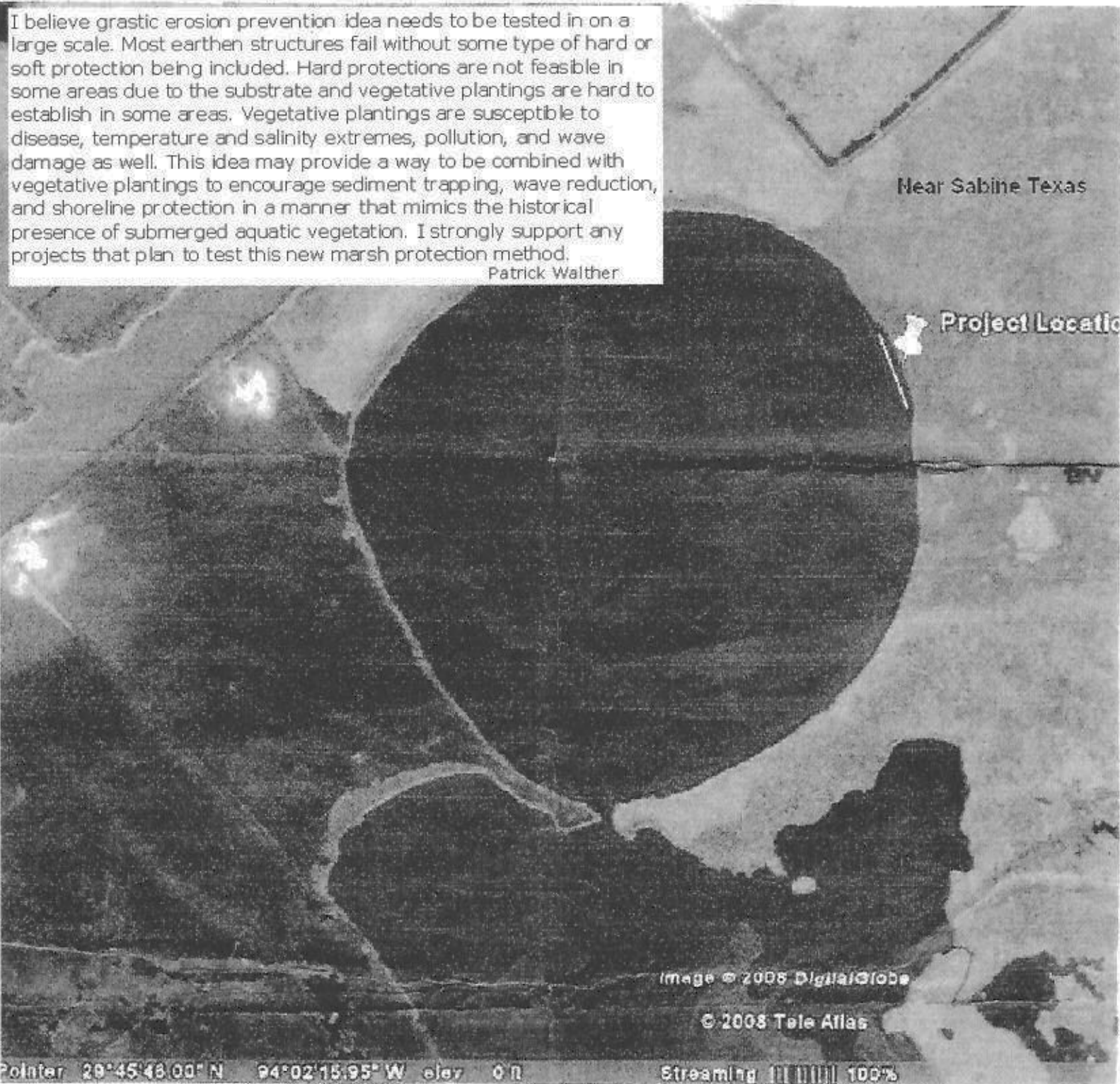
Paul Bourgeois, Jr.

Police Juror

District 7, Vermilion Parish

I believe grastic erosion prevention idea needs to be tested in on a large scale. Most earthen structures fail without some type of hard or soft protection being included. Hard protections are not feasible in some areas due to the substrate and vegetative plantings are hard to establish in some areas. Vegetative plantings are susceptible to disease, temperature and salinity extremes, pollution, and wave damage as well. This idea may provide a way to be combined with vegetative plantings to encourage sediment trapping, wave reduction, and shoreline protection in a manner that mimics the historical presence of submerged aquatic vegetation. I strongly support any projects that plan to test this new marsh protection method.

Patrick Walther



Near Sabine Texas

Project Location

Image © 2008 DigitalGlobe

© 2008 Tele Atlas

Pointer 29°45'48.00" N 94°02'15.95" W elev 0 ft Streaming 100%



October 7, 2016

To Whom it May Concern

RE: Bayou Backer

Dear Sir or Madam:

I am writing in regards to my relationship with the Bayou Backer product and Mr. Joseph Lazaro. I am a wetland ecologist that worked for 18 years within the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) Program in coastal Louisiana. I first met Mr. Lazaro in 2008 when he visited from Arizona to introduce the CWPPRA program to Bayou Backer. I was impressed then, and remain so today with the idea of Bayou Backer and with the perseverance of Mr. Lazaro. The Bayou Backer shows great potential in solving some of our coastal loss issues through the abatement of wave generated erosion on our shorelines.

I believe that Bayou Backer will become a restoration tool in a coastal manager's "toolbox" in the very near future through continued test section implementation and monitoring. It is very important to note that, in my opinion, monitoring reports are a vital component of informing the various Federal, State, Local Governments, and private landowners on the strengths of using Bayou Baker.

Should you have any questions for me, please do not hesitate to contact me at either (337) 237-2200, ext. 1109, or jdforet@fenstermaker.com.

Sincerely,

FENSTERMAKER

John D. Foret, Ph.D.
Environmental Operations Leader



P.O. Box 1410 • Abbeville, Louisiana • 70511-1410
Ph: 337-893-9465 • Fax: 337-898-0751 www.abbevilleharbor.com

To Whom It May Concern:

I am somewhat familiar with the Bayou Backer System as produced and installed by Mr. Joe Lazaro. This appears to be a system that produces as advertised and is worthy of further review and investigation in my opinion.

Please give all due consideration to Mr. Lazaro's request.

Should you have any further questions please feel free to contact me at 337-893-9465.

Sincerely,

James W. Campbell
Executive Director
Abbeville Harbor & Terminal District

Vickie Duffourc

760 Oak Avenue
Westwego, LA 70094
(504) 236-4811

January 6, 2017

To Whom It May Concern

This letter is to provide my professional opinion of Bayou Backer, an erosion control product developed by Mr. Joseph Lazaro. I have over twenty years of professional experience in coastal zone planning and management and have worked on numerous coastal planning initiatives for local, state and federal agencies, non-profit organizations and private sector businesses. I was introduced to Bayou Backer through a presentation to the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) Regional Planning Team given by Mr. Lazaro at a public meeting in 2008. I was intrigued by the simplicity of the product and impressed with Mr. Lazaro's commitment to finding an affordable solution to slow land loss due to erosion.

Based on my review of the results of wave tank experiments with Bayou Backer conducted by the Louisiana State University Coastal Studies Institute and photo documentation from actual test sections implemented in Louisiana over the past eight years, I am convinced that Bayou Backer has great wave attenuation potential for inland shorelines. The installation technique development by Mr. Lazaro allows for installation without the need to dredge an access channel, making Bayou Backer particularly useful in shallow bays and lakes.

Should you have any questions, please contact me at either (504) 236-4811 or vickie.duffourc@cbi.com.

Regards,



Vickie Duffourc



CONSERVATION & PROTECTION OF MARINE LIFE
P.O. Box 86458 | Baton Rouge, Louisiana 70879
p.225.952.9200 | f.225.952.9204 | www.CCALouisiana.com

January 13, 2017

Nola Pitch
2017 Water Challenge


To whom it may concern:

Please consider funding the Bayou Backer Project. As most Louisiana residents know, coastal erosion is an ongoing crisis that needs to be addressed as soon as possible. Many concepts like Bayou Backer need to be tried to slow down or stop the loss of land.

I believe Bayou Backer could be a viable option in many areas along coastal Louisiana. Further development of this concept could be a great asset to the state of Louisiana.

Thank you for your consideration.

Sincerely,


Rad Trascher
Director of Development
CCA Louisiana

CCA Louisiana
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Nancy Maklock

Franck Merlot
Neil Mercante

Fred Miller
Patrick Milligan

Wes Norton
Edmond O'Quin

Mike Orsato
Wayne Pangburn

Jerry Patton
Ralph Rabalais

Anthony Santalozzo
Chris Root

Clark Rhy
Jim Russo

Joey Russel
Luka St. Pierre

Dan Seacider
Mike Scherzinger

Jeff Schmitt
Rae Shalay

Kirk Seiber
John Seur

Troy Sims
Joe Smith

Mark Tibbott
Ray Thomas

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Darryl Van
Scott Vicknisi

Pierre Vibert
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J.C. Webb
Louis Weller

Snag Whittington
David Cresson

Executive Director/CEO

Rad Trascher

Director of Development



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Ronald Callais, *President*

Windell Curole, *General Manager*

January 12, 2017

To Whom It May Concern:

Sub: Letter of Support for Bayou Backer Erosion Abatement System

I write this letter in support of the work that Joseph Lazaro has done in demonstrating his Bayou Backer Erosion Abatement System. The system that Mr. Lazaro has developed is presently performing on a test site in Vermillion Bay. Since the system is a working system, it should be investigated as an application for erosion abatement.

Since Mr. Lazaro has a demonstration project, the Bayou Backer system should receive serious consideration for a grant.

Windell A. Curole
South Lafourche Levee District

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Bob Faulk	Commissioner	Mitch Danos	Commissioner
Roland Curole	Commissioner	J. McNeely Rome	Commissioner
Monty Vegas	Commissioner	Windell Curole	Executive Secretary

To Whom It May Concern:

I have seen a couple of presentations by Mr. Lazaro, including one he gave at my invitation before the Southeast Louisiana Flood Protection Authority - East. He appears to have overcome a number of the technical problems that have plagued the effectiveness and survival of artificial submerged grass beds used to stabilize muddy shorelines. His Bayou Backer Erosion Control product has been demonstrated in limited laboratory and field testing to preferentially induce deposition and retention of fine-grained sediments that otherwise would not fall out of suspension. I believe this low-impact technology is worthy of further investigation.

G. Paul Kemp, Ph.D.
Coastal Oceanographer and Geologist
Adjunct Professor, Louisiana State University
G. Paul Kemp & Associates, LLC
633 Magnolia Wood Avenue
Baton Rouge, LA 70808
Phone: 225-772-1426
Fax: 225-769-8732
Email: gpkemp@lsu.edu

January 26, 2017

To whom it may concern;

I am William P. Edwards III and I hold a BA degree in Biology from Centenary College of Louisiana.

I began working for Vermilion Corporation in 1980, first as assistant manager, then general manager, vice president, ultimately serving as president and general manager some 20 years later and retiring in 2013.

Vermilion Corporation manages 125,000 acres of fresh ,intermediate ,brackish and saline marshes in Vermilion parish for all of the traditional uses of the property ;hunting ,fishing ,shrimping ,crabbing ,alligators ,cattle grazing ,and some rice farming .It was therefore vital for us to maintain a healthy marsh .As a result I was very observant of even the slightest detail of the system .One observation ,that ultimately brought Mr. Lazaro to Louisiana is the fact that when a portion of a water body contains submerged aquatic vegetation (savs) the wave action in that area of the water body is greatly diminished . Any observant duck hunter should be able to verify this for you.

Mr. Lazaro's invention, Bayou Backer does just that ,and he literally sold the farm and moved to Louisiana a to prove it .Louisiana needs another tool in it's tool box to combat shoreline erosion .Rock is too expensive and has fallen out of favor as public agencies and others begin to realize the potential liability. I would strongly urge you to support Mr. Lazaro's proposal so that he might get the opportunity to prove his concept ,which mother nature demonstrates each year outside of the winter months .

Respectfully submitted,



W.P.Edwards III

Past president

Vermilion Corporation