

Belaire Environmental, Inc.

Planning · Permitting · Habitat Creation

September 28, 2001

Ms. Marie Pattillo
U.S. Army Corps of Engineers
5151 Flynn Parkway, Suite 306
Corpus Christi, TX 78411

Dear Marie:

Re: BNP Petroleum Corporation, Wetland Determination,
Padre Island National Seashore (PINS), Yarbrough Pass

Per our discussion of today, please find enclosed a corrected wetland data form for vegetation community "A". Also enclosed are the mitigation measures proposed by the National Park Service for the project. These mitigation measures will be part of the Plan of Operations.

Also, you asked about a possible water well and water line. Bo Waters, BNP engineer, told me that if a well is drilled, it will be on the proposed pad. No water line would be installed off the pad.

I have informed BNP that you will verify the wetland determination based on the data provided and that no field visit will be necessary.

We look forward to your written verification. Thank you very much for your prompt attention.

Sincerely,



Charles E. Belaire

Encl.

cc w/data sheet only:

Scott Taylor
Bo Waters
BNP Petroleum Corporation
500 North Water Street, Suite 1000
Corpus Christi, TX 78471

✓ Arlene Wimer
Padre Island National Seashore
P.O. Box 181300
Corpus Christi, TX 78480-1300

NPS DOCUMENT # 384

361-729-2948

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DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: <u>Well Pad and Access Road PINS Yarbrough Pass</u> Applicant/Owner: <u>BWP Petroleum</u> Investigator: <u>Charles Belaire</u>	Date: <u>June 5, 2001</u> County: <u>Kenedy</u> State: <u>TX</u>			
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)	<table style="width: 100%;"> <tr> <td style="text-align: center;">Yes ☒ No ☐</td> <td style="text-align: center;">Yes ☒ No ☐</td> <td style="text-align: center;">Yes ☒ No ☐</td> </tr> </table>	Yes ☒ No ☐	Yes ☒ No ☐	Yes ☒ No ☐
Yes ☒ No ☐	Yes ☒ No ☐	Yes ☒ No ☐		
	Community ID: <u>A</u> Transect ID: _____ Plot ID: <u>Pit 1</u>			

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Schizanthus litoralis</u>		<u>FACU+</u>	9. _____		
2. <u>Var. littoralis</u>			10. _____		
3. <u>Paspalum monostachyum</u>		<u>FACW+</u>	11. _____		
4. <u>Hydrocotyle bonariensis</u>		<u>FACW</u>	12. _____		
5. <u>Baptisia leucophaea</u>		<u>NI</u>	13. _____		
6. <u>Var. laevigata</u>			14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 67.0%

Remarks: Hydrophytic veg. is present

HYDROLOGY

☐ Recorded Data (Describe in Remarks): ☒ Stream, Lake, or Tide Gauge ☒ Aerial Photographs ☒ Other ☐ No Recorded Data Available Field Observations: Depth of Surface Water: <u>None</u> (in.) Depth to Free Water in Pit: <u>None</u> (in.) Depth to Saturated Soil: <u>None</u> (in.)	Wetland Hydrology Indicators: Primary Indicators: ☐ Inundated ☐ Saturated in Upper 12 Inches ☐ Water Marks ☐ Drift Lines ☐ Sediment Deposits ☐ Drainage Patterns in Wetlands Secondary Indicators (2 or more required): ☐ Oxidized Root Channels in Upper 12 Inches ☐ Water-Stained Leaves ☐ Local Soil Survey Data ☒ FAC-Neutral Test ☐ Other (Explain in Remarks)
Remarks: <u>No moisture & no indicators. NWI map and 1992 aerial photos indicate the area is an upland.</u>	

corrected 9-28-01

SOILS

Map Unit Name (Series and Phase): Galveston - Mustang Series Drainage Class: Porous & Permeable
 Taxonomy (Subgroup): hyperthermic Typic Udipsammments Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-19		10 YR 5/2+	No Mottles	None	Sand

Hydric Soil Indicators:

- | | |
|--|---|
| ☐ Histosol | ☐ Concretions |
| ☐ Histic Epipedon | ☐ High Organic Content in Surface Layer in Sandy Soils |
| ☐ Sulfidic Odor | ☐ Organic Streaking in Sandy Soils |
| ☐ Aquic Moisture Regime | ☐ Listed on Local Hydric Soils List |
| ☐ Reducing Conditions | ☐ Listed on National Hydric Soils List |
| ☐ Gleyed or Low-Chroma Colors | ☐ Other (Explain in Remarks) |

Remarks:

No hydric soil indicators

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	☒ Yes ☐ No (Circle)	(Circle)
Wetland Hydrology Present?	☐ Yes ☒ No	
Hydric Soils Present?	☐ Yes ☒ No	
Is this Sampling Point Within a Wetland?		Yes ☒ No

Remarks:

Vegetation Community A is not a wetland because it does not meet all of the 3 wetland parameters.

Approved by HQUSACE 3/92

Corrected 9-28-01

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