

# Water's Edge Marine Inspections

OFFICE: (954) 614 - 1768

936 SW 12<sup>th</sup> Terrace, Boca Raton, FL 33486

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CC# 16 – 2C – 20552 - X

## COMPLETE MARINE INSPECTION AND MAINTENANCE SERVICES

Docks – Piles – Seawalls – Environmental Diving

### SUBMERGED AQUATIC VEGETATION SURVEY INCLUDING TOPOGRAPHIC DEPTH MEASUREMENT

Project Location: 2406 Bay Dr.  
City: Pompano Beach, FL  
County: Broward County, FL

Date of Report: June 2, 2020

A Biological Benthic Resource Survey was conducted at the above referenced property on **June 1, 2020, low incoming tide, 11:00 am**. The inspection process consists of a sub-surface dive and physical examination of the surrounding area by the undersigned marine inspector, Ms. Norma Jean Jalovec, who has in excess of 25 years' experience in the marine construction industry and is a licensed marine contractor. The inspection extended from property line to property line and 100' waterward into the Hillsboro Inlet from the wet-face of the existing seawall. Below is a check list of possible natural resources or submerged aquatic vegetation that must be reported if observed at the proposed construction site.

	<u>Observed</u>	<u>Not Observed</u>
Halophila decipiens (paddle grass)		X
Halophila johnsonii (Johnson's seagrass)		X
Halodule wrightii (shoal grass)		X
Mangroves (Red, Black, White)		X
Macroalgae	Observed on rocks	
Corals		X
Oysters	Observed on pilings and seawall	
Manatee		X
Fish (species indicated on summary)	Yes, varieties	
Other		X

Describe:

#### Conditions during survey:

Tide: Low Tide

Clouds: Partly Cloudy

Depth: +/- 2' at wall face, progressed to +/- 2' – 3' depth (alongside the pier) to 5' depth (end of pier) and over +/- 6' into the Inlet (past the pier).

Water clarity: Average visibility

Seabed: Rocks (small and medium size) and sand.

Water Temp: 80 degrees f.

PHOTOS ENCLOSED

**Norma Jean Jalovec**

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## COMPLETE MARINE INSPECTION AND MAINTENANCE SERVICES

Docks – Piles – Seawalls – Environmental Diving

## Submerged Aquatic Resource Survey

**Project Information:** 2406 Bay Drive Revocable Trust C/o James Barnett, Trustee  
2406 Bay Drive  
Pompano Beach, FL

**Introduction/Purpose: Date of Report: 6/2/2020**

The above referenced property has been surveyed for the presence of aquatic seagrasses which may influence the following: **Remove existing dock and finger pier (boat lift and boat lift piles to remain). Repair seawall with full cap and batter piles. New concrete dock to be built parallel to the wall, new finger pier to replace the existing pier. Three (3) single dolphin/mooring pilings to be removed, existing clusters of dolphin/mooring piles to remain. See attached Engineer Drawings and Survey.**

**Name and qualifications of person performing the survey:**

The survey was completed by Norma Jean Jalovec, a licensed marine contractor. She is a certified PADI scuba diver working in the marine construction industry throughout Broward and Palm Beach counties since 1994. The *Submerged Aquatic Vegetation Field Guide* provided by the NOAA Coastal Services Center and the 2<sup>nd</sup> edition (1999) of *Reef Fish Identification* were used as a visual reference guide in this survey.

**Sampling Methodology:** Visual in water diver examination. The diver swam underwater in the surrounding areas of water where the proposed dock and finger pier will be installed. Observations of any submerged aquatic seagrasses were noted as well as bottom type and fish species. Any patches or beds of seagrass were noted to be marked on the enclosed survey.

**Findings/Description of Resources:** Presence of seagrasses **WAS NOT** observed in the area of the proposed marine construction work. Bottom type was sand and rock.

**Fish Species Observed:** Needle fish, angel fish, puffer fish.

**Berm Conditions:** Sand and rock

**Vessel mooring locations and watercraft information as provided by owner of property:**

**Number of vessels anticipated to be moored at this site:** 1 (one) on the existing boat lift and one (1) in the water moored off of the dock using the mooring piles.

**Models:** Unknown at this time

**Draft:** Unknown at this time

**Beam:** Unknown at this time

**Vessel mooring locations:** On the existing boat lift and in water in front of the dock.

**Other regulatory agencies that have jurisdiction over the above referenced property site:** Broward County, City of Pompano Beach, Army Corp of Engineers.

**Conclusions:**

**Based on the absence of seagrass, there will be no adverse impact on the submerged bottom due to this proposed marine construction project.**

Respectfully Submitted,

***Norma Jean Jalovec***

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