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June 10, 2020

Ms. Daryl Stoddard, Environmental Analyst 4
South Florida Water Management District
3301 Gun Club Road
West Palm Beach, FL

**Subject: Response to Noncompliance Letter
Safstor Pembroke Pines
Permit No. 06-101186-P, Application No. 181130-1024
Broward County, S13/T51S/R39E**

Dear Ms. Stoddard:

This letter addresses the attached Notice of Noncompliance issued to Safstor Pembroke Pines April 1, 2020, which was further discussed during our onsite meeting April 30, 2020. Please note, that the notice was prepared before the installation was fully completed including signage. The time-zero monitoring report referenced in the notice will not commence until the mitigation area has been accepted by your Department. The following discussion presents your items to be addressed, and the actions taken to address each issue:

1. The southeast section of the marsh and a section of the northern upland buffer are devoid of plants.
 - a. The northern upland buffer was discussed at the April 30, 2020 onsite meeting. The barren area included two areas where muhly grass had died. Eighty (80) muhly grass plants were replaced in the northern upland buffer June 1, 2020.
 - b. According to your directive at the April 30, 2020 onsite meeting, five (5) saw palmetto (*Serenoa repens*) were added to the northeast corner of the northern upland buffer June 1, 2020.
 - c. According to your directive at the April 30, 2020 onsite meeting, three (3) live oak (*Quercus virginiana*) were added to the southwest corner of the southern buffer June 1, 2020.
 - d. Additional fresh water marsh plants were added to the southeast section June 2, 2020 as follows:

<u>Deep Water Refugia</u>	<u>Quantity</u>
Fragrant Water Lily	40
Soft Stem Bulrush	40

<u>Fresh Water Marsh</u>	<u>Quantity</u>
Sand Cordgrass	50
Canna Lilly	85
Sawgrass	200
Lizard's Tail	85
Pickrel Weed	300
Duck Potato	300
Jointed Spikerush	300
Fire Flag	85

2. Remove large pieces of wood, buried wires, plastic and other debris within the preserve area.
 - a. Large pieces of wood and trash have been removed during each onsite planting event since the April 30, 2020 onsite meeting. Monthly maintenance, treatment and monitoring of the wetland commencing at time-zero, includes trash removal.
3. Myrsine (*Rapanea punctata*) on the northern upland buffer appeared highly stressed. If the myrsine die, they must be replanted.
 - a. Each plant that needed to be replaced was marked in the field at the April 30, 2020 onsite meeting. Twenty-six (26) myrsine were replaced May 19, 2020, and appeared to be thriving during the June 1st and 2nd planting events.
4. Install Preserve signs.
 - a. Three (3) signs were installed along the northern guardrail spaced every 100 feet June 2, 2020.
5. The 216 sawgrass plants (*Cladium jamaicense*) need to be installed on the western property line.
 - a. During the April 30, 2020 onsite meeting, it was determined that the area had been fully planted.
6. To stop the ongoing erosion on the southern buffer, please reposition the sprinklers.
 - a. The sprinklers have been repositioned to prevent erosion on the southern buffer, and the Project Superintendent checks the area daily and makes the necessary adjustments.

At the progress meeting April 30, 2020, you requested the pond be treated for hydrilla, torpedo grass and cattails. Upon further inspection by Solitude Lake Management, it was determined the algae was misidentified as hydrilla (see attached correspondence from Solitude). The actual species is chara, which resembles hydrilla. Chara (commonly known as Stonewort, Skunkweed and Sandgrass) is a beneficial native algae that stabilizes bottom

sediments. It also supports insects and other micro and macro invertebrates that are a food source for freshwater fish. Chara is also consumed by many waterfowl including ducks. This native algae was not treated. Heavy rainfall during May caused extremely high water levels in the marsh, which postponed treatment until June 5, 2020. Maintenance, treatment and monitoring of the wetland includes application of aquatic herbicides to curtail regrowth of invasive species, which will begin after the Fourth of July and continue monthly for one year.

Best regards,
Solutech, Inc



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