

Exhibit "A"



City of Lighthouse Point, Florida

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November 4, 2018

City of Pompano Beach

Mr. Anthony Alhashemi

City of Pompano Beach, Engineering

1201 NE 5th Avenue

Pompano Beach, FL 33060

Dear Mr. Alhashemi,

The City of Lighthouse Point is proposing to perform maintenance dredging in various canals within the City. We propose to use the Florida Inland Navigation District (FIND) property known as MSA-726 / Exchange Club Park as a transfer site to unload the hopper barge and temporarily store the dredged materials prior to haul out for permanent disposal. FIND has agreed in principle to this use. MSA-726 falls within the City of Pompano Beach's municipal boundary with direct access to the Intracoastal Waterway. To ensure that the land is left in an equal or better state when the project is completed the City of Lighthouse Point is submitting the attached Sediment Containment and Mitigation Plan as well as a Spoil Plan from our contractor, Brance Diversified, describing the sediment handling for the site.

Details for this project are as follows:

- Estimate of material to be removed/transported: 10,000 cubic yards.
- Contractor production estimate: 300 cubic yards per day.
- Estimated unloading schedule: three times per week.
- Project start date: estimated early January, 2019.
- Project duration: 90 days, weather permitting.
- Final haul out and site restoration/ soil testing to be completed within 60 days of dredge operations completion.

Attachments are the following:

- Dredged Materials Management and Remediation plan detailing the materials storage, stormwater management, pre and post materials storage site soil testing.
- Spoil Plan from Brance Diversified, Inc.
- Sub-Lease Agreement between City of Pompano Beach and the City of Lighthouse Point specifying the terms of use of the land. (Pending approval)
- City of Lighthouse Point maintenance areas.

The City of Lighthouse Point proposes to close the property to the public during the transfer and hauling process to ensure public safety, re-opening after restoration is complete. Lighthouse Point will be the primary source point for public information, maintenance of traffic and any public involvement during the project. We will handle all phone calls and inquiries. We will supply the City of Pompano Beach with a primary point of contact and copy the City of Pompano Beach on all public notifications.

Additionally, the City of Pompano Beach and the City of Lighthouse Point have an active Interlocal Agreement requiring the City of Lighthouse Point to perform daily maintenance and housekeeping at the beach area, bathrooms, parking lot, and grassy areas at the East side of the property. Although the site will be closed during the project with signs posted on the front gate and on the beach, these activities will continue without pause for the duration of the project. We anticipate some continued use by boaters and those who arrive via the waterfront and beach or "raft up". These users generally leave garbage which will be collected daily. The bathrooms may be locked/unlocked daily for worker use, but closed to the public. The grassy areas of the beach and beyond the parking lot will continue to be maintained. During haul out Best Management Practices will be employed to minimize roadway tracking on NE 24th St. The area will be inspected daily and cleaned if necessary.

Please consider this plan for use of MSA-726 /Exchange Club Park as a spoils transfer area by the City of Lighthouse Point and let me know of any additional information needed.

Sincerely,

Charles Schramm
Public Works Director
City of Lighthouse Point

The City of Lighthouse Point must conduct maintenance dredging of sections of various residential canals within the City limits. Those canals are:

- Coral Key Waterway
- Kingfisher Waterway
- N. Grand Waterway
- Pelican Waterway
- Ibis Waterway
- Canale della Paula
- Egret Waterway
- Canale della Torre
- Canale della Chiesa
- Alamanda Waterway
- Flamingo Waterway

Sediment samples were collected from several locations in the upper 12 to 18 inches of the four canals that showed elevated levels of regulated constituents in many of the sediments that are proposed to be dredged. The sediments were tested for the following constituents:

Target Constituents:

- Volatile Organic Compounds (EPA Method 8260),
- Organochlorine Pesticides and Polychlorinated Biphenyls (EPA Method 8081/8082),
- Chlorinated Herbicides (EPA Method 8151),
- Polynuclear Aromatic Hydrocarbons (PAH)(EPA Method 8270),
- Total Recoverable Petroleum Hydrocarbons (TRPH)(FL-PRO Method),
- Priority Pollutant Metals (Sb, As, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, Tl, Zn)(EPA Method 6010)

A summary of the results of the previous testing are included as Appendix 1 to this document.

As part of the dredging operation the City of Lighthouse point has requested temporary use of a Florida Inland Navigation District (FIND) dredge spoil disposal site located on the Atlantic Intracoastal Waterway at the terminus of NE 27th Terrace between NE 24th Street and NE 23rd Place in the City of Pompano Beach, Florida. The name of the site is Exchange Club Park and also known to FIND as MSA-726. The approximate center latitude and longitude of this area is 26.260495° North by -80.091154° West.

Based on the results of the sediment analyses, the City of Lighthouse Point and FIND have discussed various methods to reduce the potential for impact on the FIND sediment disposal site. The methods proposed by the City of Lighthouse Point to minimize the potential for negative impact to the FIND sediment disposal site include a multi-layered approach that includes: pre-project soil testing at the disposal site, shortened storage time for dredge spoil that is placed at the FIND sediment disposal location (MSA-726) and removal of up to a foot of native soil from the FIND disposal site on an "as needed" basis following completion of the project. Post project native soil testing will be conducted at the disposal site to define post project concentrations of the targeted constituents in the upper 1 foot of the soil.

Erosion Protection and Stormwater Management:

Erosion protection and stormwater management for the site will be accomplished using the existing earthen berms as a primary containment and protection measure. To further aid in the elimination of offsite discharges, the project will employ floating turbidity curtains that will be deployed around the barge during off-loading operations and removed to the shoreline between off-loading of the barge. If

the turbidity within the curtain is greater than 29 Nephelometric Turbidity Units (NTUs) above ambient readings then the curtain will remain until the reading fall to below 29 NTUs above ambient. On the uplands a combination of the existing earthen berm, silt fence, hay/straw bales, grassing items (temporary and permanent), stabilized truck ingress/egress and sediment traps as may be necessary to protect adjacent areas from offsite sediment or silt. All erosion control features installed as part of this project, except the stabilized truck ingress/egress area, will be removed following the completion of the project.

DISPOSAL SITE SOIL TESTING:

This element of the mitigation plan is included to define the existing conditions in the soils at the FIND disposal site and will include two components:

1. Soil testing before dredge spoil placement at the site, and
2. Soil testing following removal of the dredge spoil

The pre-project testing will provide the baseline of soil conditions that exist at the Exchange Club Park (MSA-726) site before the current project places any sediment on the site. These concentrations must be met following the removal of the City of Lighthouse Point sediment from Exchange Club Park and will be used to provide a target concentration for post project evaluations. The samples will be collected in the upper 12 inches of the soil surface and analyzed for the components listed above. Soils in the upper 12 inches with levels that exceed the pre-project condition following removal of the City of Lighthouse Point sediments will be removed for suitable disposal by the City of Lighthouse Point dredge contractor. The removal of existing FIND site surface soils will not exceed the upper 1 foot of soil within the limits of the City of Lighthouse Point sediment storage area.

DURATION OF SEDIMENT STORAGE:

The City of Lighthouse Point will limit the duration of time that the dredged spoil will be stored at the FIND sediment disposal site to 30 days as measured from the date of deposition to the date of removal. The overall time that the FIND sediment disposal site is needed may exceed the 30 day time period, but the time that deposited material will inhabit the FIND site will be limited to 30 days. Individual dredge material piles will be sequenced for removal based on the outlying 30 day time limit for residence at the Exchange Club Park (MSA-726) site.



Spoil Transport Plan for MSA-726 / Exchange Club Park

Lighthouse Point Municipal Dredging Project

Brance Diversified, Inc. (BDI) will begin by constructing a 5' berm using material from the site to contain any run off from the material that will be placed within the center of the spoil site. On the outside of the berm, BDI will install silt fence for further erosion and sediment control. BDI will also maintain silt fence within the entire work perimeter. BDI has and always will use the best management practice for erosion and sediment control. The shoreline will have a Type 3 turbidity curtain that will coincide and work with the barge that will come up to the shoreline to off-load material. The material will be off-loaded with a long reach excavator and placed on the upland hill and then relocated with a loader to the center of MSA-726. The material will be stacked up to where it can be dewatered, rotated, and then spread out to dry before being hauled for final disposal. BDI will take every precaution to ensure the material does not stay on the property any longer than thirty days. BDI will monitor to see if there is any odor coming from the dredged material. If any material comes to the spoil site with a noticeable odor, BDI will immediately take action to expedite trucking of that material off the site. The hours of trucking will be from 8:00am to 5:00pm to minimize the impact to homeowners going to and coming from their residences. When trucking is complete, BDI will clean the entrance and the street of any miscellaneous material that has tracked from the temporary site to the final disposal site by using a broom tractor. BDI assures the City of Lighthouse Point that we have worked very closely with FIND and have multiple contracts with FIND building DMMA's and utilizing the FIND's DMMA sites for dredging projects.

