



## Committee Meeting

Meeting Date: September 10, 2024

Construction Services for Lake Sediment Dredging – Turknett Spring

RFP ITEM #20-224

File Reference: 24-014 (A)

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- Department:** Engineering & Environmental Services
- Presenter:** Dr. Hameed Malik, Director
- Caption:** Approve Supplementing Construction Contract of Sediment Dredging and Disposal Construction Services to Waterfront Property Services, LLC Waterfront Property Services, LLC dba Gator for continuation of sediments dredging and including Turknett Spring Sediment Basin area. Also approve supplemental funding in the amount of \$644,000.00 for Turknett Spring Sediment Basin dredging activities. AE/ RFP 20-224
- Background:** On November 4, 2020, Augusta Commission awarded waterbodies sediments dredging & disposal contract to Gator Dredging. Augusta Engineering tasked Gator Dredging to dredge sediments from Upper & Lower Lake Olmstead followed by Warren Lake. Tasks also included sediment disposal site preparation, operation & maintenance and stabilization of disturbed areas. All of this work is substantially completed with the exception of placing two-ft (2') clean dirt cap over disposed dredged material. Turknett Spring is another waterbody serving as the sediment basin (basin) for the Highland Water Treatment Plant filter backwash discharge under a regulatory NPDES Permit. This basin is also needing sediments removal to regain its sediment storage capacity and avoid regulatory non-compliance potential enforcement.
- Analysis:** Removal of sediments from Turknett Spring sediment basin is a regulatory compliance requirement. The basin is not providing needed retention time for sediments to settle, that is creating a discharge permit compliance issue. In addition, its sediment removal is important for safety of adjacent residential & commercial areas. It is Augusta Engineering determination that supplementing Turknett Spring Sediment Basin dredging to in-progress dredging work is a cost effective & timely option. Waterbody dredging requires specialized skills & equipment and Gator Dredging possess both. Gator Dredging is the only contractor previously submitting proposals for such work (20-244).
- Financial Impact:** Funds in amount of \$644,000.00 (AUD/\$322,000 + AE/322,000) available in following accounts.
- 1) Augusta Utilities: 507043410-5425110/ 8090040-5425110

2) Augusta Engineering: Engineering SPLOST8-Lake Dredging & Maintenance.

**Alternatives:**

1). No Alternate proposed. Continuity of services for sediments removal at Turknett Spring Basin is essential for its regulatory permit compliance.

**Recommendation:**

Approve Supplementing Construction Contract of Sediment Dredging and Disposal Construction Services to Waterfront Property Services, LLC Waterfront Property Services, LLC dba Gator for continuation of sediments dredging and including Turknett Spring Sediment Basin area. Also approve supplemental funding in the amount of \$644,000.00 for Turknett Spring Sediment Basin dredging activities. AE/ RFP 20-224

**Funds are available in the following accounts:**

(\$644,000) < \$322,000 – 507043410-54.25110/8090040-54.25110>

<\$322,000 – 330041140- 54.14910/222830911-54.14910>

**REVIEWED AND APPROVED BY:**

HM/SR