



TO: Lake County Water Authority Board of Trustees
FROM: Christina Rider, Executive Office Manager/Financial Coordinator
DATE: November 30, 2018
SUBJECT: Authorization to Transfer Budget Funds for Design, Engineering and Permitting Services for Villa City Dam and for Rock for the NuRF Road

Consent Item

Authorization to Transfer Budget Funds for Design, Engineering and Permitting Services for Villa City Dam and for Rock for the NuRF Road

At the February 22, 2017 meeting, the Board Authorized the Executive Director to enter into a contract with Dredging and Marine Consultants for design, engineering and permitting services for major modifications to the Villa City dam. At year-end LCWA had not yet been invoiced for services. The Purchase Order was carried forward into the fiscal year 2019, however, the Site Improvements line item in the budget was not sufficient to cover the Purchase Order.

Additionally, staff obtained quotes in July 2018 on a per load basis for rock for the NuRF roads. An estimated additional \$4,040 was needed to repair the roads. As this was within the Executive Director's authority, staff transferred this amount from 9898710-860610 Land Acquisition to 9898710-860630 Site Improvements.

Staff is requesting an additional budget transfer of \$61,738 to cover the estimated bill for design, engineering and permitting services from budget line item 9898710-830460 Repair and Maintenance of \$45,416 and from 9898710-860610 Land Acquisition \$ 16,322 to 9898710-830630 Site Improvements.

A summary of transfers to date plus the above request is as follows:

Table with 3 columns: From, Description, Amount. Rows show transfers from Land Acquisitions and Repairs and Maintenance to Site Improvements.

Executive Director Recommendation:

Authorize the Executive Director to transfer an additional \$61,738.00 to 998710-860630 Site Improvements from budget line items 9898710-860610 Land Acquisitions \$16,322.00 and 9898710-860460 Repairs and Maintenance \$45,416.00 for design, engineering and permitting services for major modifications to the Villa City dam. Approve the transfer of \$4,040 to 998710-860630 Site Improvements from budget line item 9898710-860610 Land Acquisitions for additional rock at the NuRF.

BOARD OF TRUSTEES

Table with 7 columns: District One, District Two, District Three, District Four, District Five, At-Large, At-Large. Names listed below each district.



TO: Lake County Water Authority Board of Trustees
FROM: Christina Rider, Executive Office Manager/Financial Coordinator
DATE: November 29, 2018 November 30, 2018
SUBJECT: Authorization for Additional Rental of East Pond Pumps and Transfer Budget Funds

Consent Item

Authorization for Additional Rental of East Pond Pumps and Transfer Budget Funds

At the September 26, 2018 Board Meeting, Dr. Danaher updated the Board on the NuRF Gate Repair – East Pond. Dr. Danaher had received written quotes from three vendors for the pumps and MWI was the lowest quote. Since that time a side slope failure occurred and the Board was briefed on that situation at the November 14, 2018 meeting. Dr. Danaher also briefed the Board on the need of repair to the inflow box culvert to the East Pond. As a result, staff has needed to rent additional MWI pumps for longer than we had anticipated.

As of the date of this Memo, November 29th, we have been billed by MWI for approximately \$12,400. Since it was within the Chairwoman’s authorization to approve expenditures up to \$25,000 when the Executive Director makes an Emergency Declaration, Chairwoman Stone approved increasing the purchase order and payment to MWI Pumps for \$5,326.50.

Staff has estimated that additional funds will be needed for the continued use of the pumps through the end of the repair. As such, the total amount staff is requesting for MWI pumps is \$25,000.

Table with 2 columns: Description and Amount. Rows include Original Purchase Order (\$ 7,840.00), Increase authorized by Chairwoman (\$ 5,326.50), Total \$13,166.50, Additional Increase needed to cover estimate of Pump usage (\$11,833.50), and Total Purchase Order to MWI Pumps (\$25,000.00).

BOARD OF TRUSTEES

Table with 7 columns: District One (Peggy Cox), District Two (Trampis BonJorn), District Three (Carolyn Maimone), District Four (Robert Hendrick), District Five (Amy Stone), At-Large (Courtney Stokes), At-Large (Keith A. Farner).

Staff is also requesting to transfer \$18,300 budget funds to 9898710-830440 Rentals and Leases from 9898710-830460 Repairs and Maintenance for additional pumps and time. Calculation is as follows:

Original Budget	\$ 1,500
Additional amount authorized by Executive Director for bills received	\$ 5,200
Additional amount needed for anticipated rentals	<u>\$18,300</u>
	\$25,000

Executive Director Recommendation:

- 1) Authorize the Executive Director to Rent Pumps for the East Pond from MWI pumps for an amount not to exceed \$25,000 and transfer an additional \$18,300 from budget line item 9898710-830460 Repairs and Maintenance to 9898710-830440 Rentals and Leases.
- 2) Approve both the increase in the Purchase Order to MWI of \$5,326.50 and increase to the Rentals and Leases budget line item 9898710-830440 of \$5,200.



TO: Lake County Water Authority Board of Trustees
FROM: Christina Rider, Executive Office Manager/Financial Coordinator
DATE: November 29, 2018
SUBJECT: Approval of Dawson Excavating, LLC as Contractor to Repair the Slope Failure of the East Pond at the NuRF

Consent Item

Approval of Dawson Excavating, LLC as Contractor to Repair the Slope Failure of the East Pond at the NuRF

At the November 14, 2018 meeting, the Board approved an Emergency Authorization for funds to repair the East-Pond Slope Failure not to exceed \$400,000.

Dr. Danaher received three written quotes as follows:

Table with 3 columns: Company, Work to Be Performed, Written Quote. Rows include Dawson Excavating, LLC (\$287,000), Fender Marine Construction (\$391,000), and Geotechnical Foundation Systems (\$105,000).

Geotechnical Foundation Systems bid on 120 linear ft. of sheet pile. There was 210 linear ft. specified in the bid. Dawson Excavating, LLC will install the sheet pile, but also included in their bid price they will bring in new fill to rebuild the slopes, excavate the soil that slipped into the pond and move it off-site (to Lake Jem Farms).

Staff is requesting approval to use Dawson Excavating, LLC to repair the slope failure in the East Pond for an amount not to exceed \$287,000.

Executive Director Recommendation:

Authorize the Executive Director to contract with Dawson Excavating, LLC to repair the slope failure in the East Pond for an amount not to exceed \$287,000.

BOARD OF TRUSTEES



TO: Lake County Water Authority Board of Trustees
FROM: Christina Rider, Executive Office Manager/Financial Coordinator
DATE: December 3, 2018
SUBJECT: Approval of Stable Soils of Florida, Inc as Contractor for the Box Culverts Repairs

Consent Item

Approval of Stable Soils of Florida, Inc as Contractor for the Box Culverts Repairs

At the November 14, 2018 meeting, Dr. Danaher briefed the Board on the need to repair the Box Culverts in the East Pond at the NuRF. He received three written quotes as follows:

Table with 3 columns: Company, Amount Quoted/Joint, Total all Joints. Rows include Westwind Contracting, Stable Soils of Florida, and Atlantic Pipe Services.

*Westwind was not able to do all the work requested and only quoted for the portion they could complete.

Staff is requesting for subsequent approval to use Stable Soils of Florida, Inc. to Inject AP-Spetec PUR F400 in 9 joints of East Pond Box Culverts.

Executive Director Recommendation:

Approve Stable Soils of Florida, Inc. as the LCWA contractor to Inject AP-Spetec PUR F400 in 9 joints of East Pond Box Culverts for an amount not to exceed \$23,730. This includes joint repair and mobilization to the site.

BOARD OF TRUSTEES



TO: Lake County Water Authority Board of Trustees
FROM: Christina Rider, Executive Office Manager/Financial Coordinator
DATE: December 4, 2018
SUBJECT: Approval of Dawson Excavating, LLC as Contractor for Additional Pieces of Heavy Equipment – Sole Source

Consent Agenda

Approval of Dawson Excavating, LLC as Contractor for Additional Pieces of Heavy Equipment – Sole Source

At the September 26, 2018 meeting, the Board approved contracting for additional heavy equipment to move sediment around the ponds at the NuRF for an amount not to exceed \$30,000. Dr. Danaher reached out to four companies and only one company was able to do the work requested. This company is Dawson Excavating, LLC.

Staff is requesting the Board subsequently approve Dawson Excavating as a sole source for additional heavy equipment to move sediment round the ponds at the NuRF.

Executive Director Recommendation:

Subsequently approve Dawson Excavating, LLC as a sole source for additional heavy equipment to move sediment round the ponds at the NuRF

BOARD OF TRUSTEES

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TO: Lake County Water Authority Board of Trustees
FROM: Michael J. Perry, Executive Director
DATE: November 27, 2018
SUBJECT: Residential Canals

Regular Agenda

Residential Canals

Residential canals are upland cut canals that were created specifically to provide homeowners with direct access to a lake. In Lake County there are 245 linear miles of canals and rivers totaling approximated 3,345 acres. Of this amount, there are 280 residential canals totaling 106.19 linear miles and 774.26 acres.

The issue of the Water Authority's role in the maintenance of residential canals has been discussed many times by the Board. In 2000, the Board prepared resolution No. 2000-03, Adopting a Policy Regarding the Removal of Obstacles from the Waterways of Lake County (copy attached).

The policy defines that work could be done to remove significant hazards to navigation and blockages from the major public waterways of Lake County, whenever those hazards and blockages substantially affect public navigation of the general public on large lakes and their connecting streams and canals. Generally, such work shall be limited to lakes that have legal authorized access by the general public, and to the Dora Canal, the Apopka-Beauclair Canal, Dead River, Haines Creek, Helena Run, and the publicly-accessible portions of the Palatlkaha River system.

The Water Authority has dredged residential canals in Lake Griffin as part of a legislatively funded directive to provide for artificial fluctuation of Lake Griffin and portions of residential canals on the Apopka Beauclair Canal as part of the Lake Beauclair Dredging to remove sediment at the terminus end of the Apopka-Beauclair Canal that was preventing navigation through Lake Beauclair. In both cases, the residents signed a release (copy attached) documenting that the dredging was a one-time event and that the Water Authority had no requirement or obligation to maintain these canals in the future.

Vice-Chairman Maimone will make introductory comments regarding the history of the Beauclair Canal project and Water Authority's role in the maintenance of residential canals.

Executive Directors Recommendation:

For discussion purposes only. No action required.

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TO: Lake County Water Authority Board of Trustees
FROM: Ben Gugliotti, Land Resources Director
DATE: November 30, 2018
SUBJECT: Scrub Point Preserve Road

Discussion Item

Scrub Point Preserve Road UPDATE

- Staff came to the October 25, 2017 Board meeting to discuss a proposed development to the southwest of Scrub Point Preserves on property known as the Eddy Groves (Now Lakeshore Preserve).
November 7, 2017 - staff along with Trustee Peggy Cox attended the Clermont Planning and Zoning Commission meeting.
November 14, 2017 - staff with the Executive Director met with Mr. Piper at the LCWA offices on November 14th to discuss the road and access to the Preserve.
November 14, 2017 - Clermont City Council voted to transmit the Eddy Property Large Scale Comprehensive Plan Amendment to the Florida Department of Economic Opportunity and other state agencies for review.
November 17 & 20, 2017 - staff received a message from Mrs. Mary Eddy to call her back and discuss the entrance road.
November 21, 2017 - staff returned Mrs. Eddy's call to discuss the entrance road and the use of the road as an access for herself, the Osborne and Schaeffer families.
November 28, 2017 - staff contracts with BESH Engineering to complete the road survey and clarify the easements.
January 23, 2018, the Clermont City Council approved the annexation of the Pulte Homes development, a Large Scale Comprehensive Plan Amendment, and an amendment to the Zoning Map.
February 13 & 14, 2018, staff did an inventory of the trees located in the 70 foot wide parcel that extends from Hartwood Marsh road to the Preserve entrance gate; specifically in the area where the lime rock access road veers outside of the LCWA parcel adjacent to the Eddy Groves Development

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- February 19, 2018, staff received copies of the Survey and the Surveyor's Report which outline Mr. Straugham's findings.
- At the February 28, 2018 LCWA Board Meeting, staff updated the Board about the status of the access road. At this time the main focus was an area where the entrance road veered west onto the Eddy property and having to cut trees to relocate the road onto LCWA Property. Mr. Piper also addressed the Board and stated that not only was he working on the development project on the Eddy property (west side), but that he had a portion of the Extreme Groves property (east side) under contract to purchase. Mr. Piper did state that his intent was to have the development on the east side be phase 3 & 4 of the Eddy Property project and that the traffic would cross between the Eddy property and the Extreme Groves property over the public easement. The Board directed staff to continue working with Mr. Piper.
- On September 7, 2018, staff met with the Executive Director and representatives from the Lake County Engineering Department and the Planning and Zoning Department to discuss the Evergreen Development on the Extreme Groves property on the east side of the access road.
- On October 16, 2018, staff met with the Executive Director, Chuck Piper and representatives from the Lake County Engineering Department and the Planning and Zoning Department to discuss the Evergreen Development (Extreme Groves property on east side) and Mr. Piper's intent to cross the LCWA's 70' parcel to provide access from the Lakeview Preserve development (Eddy Property on west side). Mr. Piper asserted that he had legal standing to cross the 70' parcel because it is a dedicated public easement, and based on other access and maintenance agreements between various property owner's dating back to the 1950s. The county staff would not make a legal interpretation, but stated that they would want Mr. Piper to work with the Water Authority to come to a solution agreeable to all parties.
- November 15, 2018, staff met with Mike Perry, Mr. Piper and a representative from the County Planning and Zoning Department. We discussed the presentation to the LCWA Board at the December meeting and updates on the status of issues that were discussed at the October 16th meeting.
- November 23, 2018, staff received an email from Mr. Piper with a letter from his lawyer, Daniel T. O'Keefe,

There appears to be 6 items in question:

1. The proposed asphalt crossing between Lakeview Preserve and Evergreen.
2. The road encroachment to the west, onto the Eddy property (approx. 0.35 ac.).
3. The road encroachment to the east, onto the Extreme Groves/Piper 25' easement.
4. The road encroachment to the east, beyond the Extreme Groves/Piper 25' easement.
5. The portion of the Extreme Groves/Piper 25' easement that extends north between the LCWA's 70' parcel and 5 acre parcel. (approx. 0.38 ac.)
6. Possible vacation of the Public Access Easement over the 70' parcel, (presumably in exchange for private access easements).

Item # 1 - Mr. Piper would like to connect his development, Lakeview Point, on the west side of the 70' parcel with his development, Evergreen, on the eastern side of the 70' parcel. This would include construction of a two lane, paved road running east – west across the 70'

parcel, along with utilities. Both communities will be gated so there will be gates and stop signs on either side (east and west) of the 70' parcel leading into the communities. Mr. Piper should provide a typical cross section of the road crossing.

Mr. Piper and his Lawyer, Daniel T. O'Keefe, feel that, "Per existing recorded easements and agreements, Piper may utilize the 70' easement area for development access to both the Eddy property and the Piper property.

Attorney Barice does not agree with this interpretation.

The entire Preserve including the 70' parcel has a conservation easement dedicated to the National Park Service. They would need to review and approve any changes or improvements to the property.

Item # 2 - At the October 16, 2018 meeting, Mr. Piper said that according to their current plans, it does not appear that the western road encroachment would need to be relocated, especially since there is a 50' buffer along the boundary. Mr. Piper intimated that he would be willing to "give" the area to the LCWA. He did say he was concerned about the total acres affecting the number of buildable units. He said another option was that they could leave the road but retain title to the property. This would still allow the lime rock access road to stay where it is and would not require the LCWA to clear trees in the 70' wide parcel and move the road. He said he would have to talk to Pulte and the lawyers before he could confirm this. This second option would require the dedication of an access easement to ensure access.

In a follow up email, Mr. Piper stated, "We will try to accommodate the LCWA's encroachment on the Eddy and Evergreen properties so they can save some trees and not have additional costs of moving the road. This will be dependent on our engineering plans for both properties. However, the current plan is to include the southern encroachment as part of the 50' buffer. If we cannot accommodate this, the road encroachment will remain until such time as Phase 2 at Eddy is developed so LCWA might be able to save some money if they choose to use the same site contractor as Phase 2."

In the letter from Daniel T. O'keefe, dated December 12, 2018, it states, "Piper intends to work with LCWA to accommodate LCWA's encroachment on the properties in connection with the development of the adjacent properties. The intent is to minimize the need to remove existing trees provided that this does not interfere with the proposed developments. This may include moving the road but will be dependent on engineering plans for both properties."

Item # 3 - At the October 16, 2018 meeting Mr. Piper said the portion of the lime rock road that extended south from the LCWA's 5-acre parcel would most likely have to be relocated into the 70' parcel because they would not want to give up any more area. This portion is in the 25' private access easement dedicated between Eddy, Mathews, McKinnon, et al. dated May 30, 1953. See also item 5.

Item # 4 - This portion of the lime rock road extends west beyond the 25' private access easement, so it will most likely have to be relocated.

Item # 5 - At the October 16, 2018 meeting, Mr. Piper intimated that he would be willing to “give” the area to the LCWA. The area does not provide any access to Mr. Piper because it is surrounded by LCWA property to the west, north and east. He did say he was concerned about the total acres affecting the number of buildable units. He said another option was that they could leave the road but retain title to the property. This may require a modification of the easement to allow for public access if/when Scrub Point Preserve is opened to the public.

In the letter from Daniel T. O’keefe, dated December 12, 2018, it states, “Upon final approval for development of both properties, Piper will amend or terminate the 25’ easement located along the western boundary of the LCWA 5-acre Tract.” It does not state how the easement might be modified, but terminating the private access easement that gives the LCWA access between the 70’ parcel and the 5 acre parcel would be negative for the LCWA.

Item # 6 - At the October 16, 2018 meeting, Mr. Piper said he might be willing to vacate the public access easement over the LCWA’s 70’ wide parcel, originally conveyed from Mrs. Eddy to Lake County in 1993. This would also require agreement from all property owners adjacent to, or having access to, the 70’ wide parcel (Eddy, Osborne and Piper). The Water Authority would most likely convey private access easements to Mr. Piper, and the other above-mentioned owners as well as providing access to emergency services. This would allow the Water Authority to put a gate across the 70’ wide parcel and control public access from Hartwood Marsh Rd.

At the October 16, 2018 meeting, staff mentioned to Mr. Piper that any agreement should contain language about a prescribed fire smoke-shed and controls on invasive/exotic plants being included in the homeowner covenants for both the Lakeview Preserve and Evergreen developments.

Staff has attached the letter from Mr. Piper’s attorney, Daniel T. O’Keefe, the sketch of the proposed intersection, and the review by Attorney Barice.

Staff has forwarded Mr. Piper’s request and the letter from Mr. Piper’s attorney to the Department of the Interior. At the time the memo was written, staff had not yet receive a reply, but staff will update the Board at the December Board meeting.

Executive Director’s Recommendation:

Favorably consider Mr. Piper’s proposal to cross the 70’ parcel to allow access between developments on the east and west sides of the parcel as well as locating utilities. Any proposal would have to have approval by the Department of the Interior and may require a modification of the existing Conservation Easement over Scrub Point Preserve. Direct staff to negotiate with Mr. Piper and come back to the Board for approval.

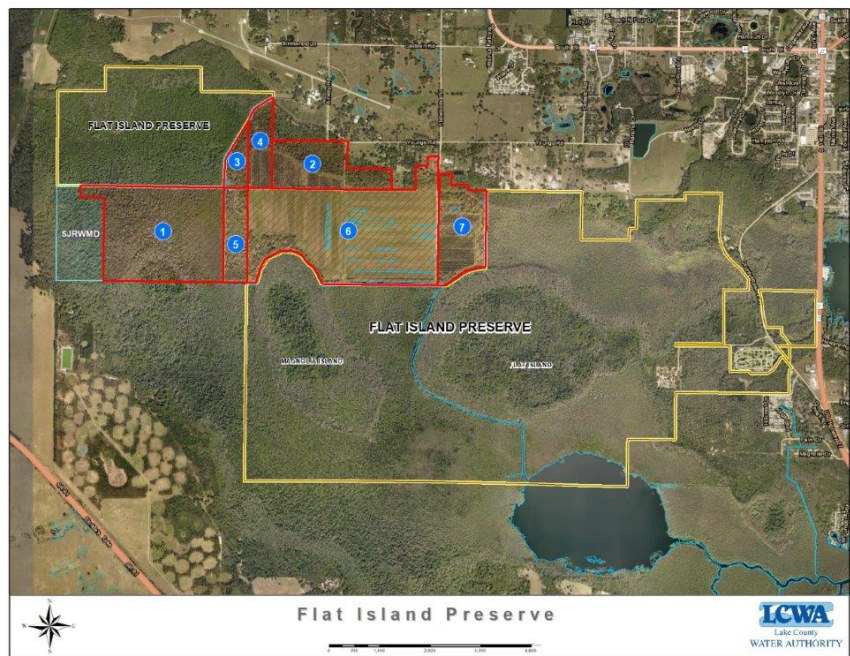


TO: Lake County Water Authority Board of Trustees
FROM: Ron Hart, Water Resources Program Director
DATE: November 28, 2018
SUBJECT: Lake Denham Acquisition Update -Phase I Environmental Assessment Report

Regular Agenda

Lake Denham Acquisition Update -Phase I Environmental Assessment Report

Two months ago, the LCWA Board authorized staff to proceed with the phase 1 and 2 environmental assessments on the Lake Denham Muck Farm (Parcels shown in red). The SJRWMD agreed to provided technical and financial assistance by hiring and funding phase 1. Staff received the completed Phase 1 Environmental Assessment after last month's board meeting.



The Assessment determined the likelihood of any chemical contamination through literature searches, site inspections, and questions to owners and surrounding property owners. As expected, the consultant is recommending a phase 2 environmental assessment based on the presence of fuel storage tanks and the long history of agricultural operations.

Because the Phase 1 Assessment is over 420 pages, staff has provided only the attached Executive Summary and Recommendations pages along with supporting photos that show the site conditions and the storage tanks. If any Board Members desire the complete document, staff would be glad to forward a digital copy upon request.

BOARD OF TRUSTEES

Table with 7 columns: District One (Peggy Cox), District Two (Trampis BonJorn), District Three (Carolyn Maimone), District Four (Robert Hendrick), District Five (Amy Stone), At-Large (Courtney Stokes), At-Large (Keith A. Farner)

At the board meeting, staff will present the site photos from Assessment for further discussion and consideration. Staff has also asked the consultant, Aerostar, to provide a proposal for the recommended phase 2 assessment. This proposal will show the cost and locations of soil sampling sites as recommended by the consultant in order to determine the extent of any possible contaminants onsite. The proposal for phase 2 will be provided at the meeting for the board's consideration on how to proceed.

Executive Director Recommendation:

Provide direction to staff on how to proceed with the Phase 2 Environmental Assessment.



TO: Lake County Water Authority Board of Trustees
FROM: Ron Hart, Water Resources Program Director
DATE: November 28, 2018
SUBJECT: NuRF Evaluation Proposal

Regular Agenda

NuRF Evaluation Proposal

Several meetings ago, Trustee Farner requested staff to work with Dr. Harper at Environmental Research & Design (ERD) to produce a proposal to reevaluate the operations at the Nutrient Reduction Facility (NuRF) and produce a series of recommendations that will improve operations at the facility.



Dr. Harper was requested to perform the evaluation because his firm designed our facility and is responsible for most of the similar facilities throughout the country. Since Dr. Harper is a sub-consultant under our Pegasus Engineering Contract, the LCWA can negotiate proposals utilizing our current Engineering Services Contract. Staff has attached the following proposal from Pegasus Engineering for the NuRF Evaluation.

The proposal includes five major evaluations:

- Recommendations of improvements to the disposal area
• Recommendations to the dredged processing facility (centrifuge area)
• Modifications to the alum mixing area (aeration area)
• Alternatives to reduce dredge equipment failures

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- Options to address inflow debris that accumulates on the inflow bollards and on the bottom of the ponds

To accomplish these tasks, Pegasus proposes a fee of \$149,929.34. They will utilize Dr. Harper's services along with surveyors and geotechnical engineers.

Options for the Board's consideration are:

1. Contract with Pegasus Engineering for the work as proposed.
2. Negotiate a smaller contract with a reduced scope of work.
3. Create a new Request for Proposals and solicit firms to submit qualifications.
4. Take no action and continue to operate the facility as currently designed.

Option 1 would allow work to begin immediately. Option 2 would delay work by 2 to 3 weeks. Option 3 would delay work for at least 3 months and Option 4 would halt any professional review.

Executive Director Recommendation:

Accept option 1. and authorize the Executive Director to execute a work order Pegasus Engineering for the work as proposed.



TO: Lake County Water Authority Board of Trustees
FROM: Jason Danaher, Water Resources Project Manager
DATE: November 29, 2018
SUBJECT: NuRF Updates

Regular Agenda

NuRF Updates

Since hurricane Irma in September 2017 the NuRF has been operating to treat water discharged from Lake Apopka. The wet spring and summer months resulted in 24-hour operation of the facility from June to September 2018. During the months of October and November, operation was cutback to two (2) shifts and no weekends. This schedule was implemented to allow staff to address needs of the equipment on site. The following is a brief synopsis of critical equipment/infrastructure requiring immediate attention.

Alum Tank

D&S Steel Inc. signed the LCWA contract to proceed forward with the alum tank manufacturing. They will make an on-site visit to the NuRF and verify necessary tank dimensions.

East Pond Gate

The east pond outfall gate was able to slide up and down after drawing the pond down. The actuator for the gate was sent for repairs. Additionally, staff will have a second actuator sent back for repairs to ensure they both are in good working order for the spring.

Inflow Bollards/Pilings

Repairs will help to deter debris from entering the facility and causing operational issues. It has been difficult to get contractors on site as this is their busy season for dock/piling installation and repair. At the moment, two contractors have reviewed our needs.

East Pond Culverts

Staff has spoken to qualified contractors to repair the damaged infrastructure. Stable Soils out of Ocala, FL was referred to staff by another contractor and was selected to begin necessary repair work in the structures. Their work should begin the week of December 3rd.

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Pond Bank Stabilization

Dawson Excavating was selected to repair the pond embankment. The company is based out of Leesburg and will drive I-beam to stabilize the embankment, remove collapsed material from the pond and bring in additional material to rebuild the pond embankment with better quality soils. Mobilization of material to the site has begun and pond repairs are currently scheduled to begin December 10 with delivery of I-beams from manufacturer via rail system.

NuRF Road Repair

Staffed signed an agreement with BESH engineering to design improved roadways around the existing grass berms of the NuRF ponds. Once design and other supporting documents are finalized, a bid will be released for qualified contractors to construct the roadway. Final design and bid documents are expected to be completed before the Christmas holiday.

Dredging

Dredging continues in the west pond. A lot of material was displaced from the east pond to the west pond when staff was drawing down the east pond to determine issues with the gate. Dredged material from the west pond is being sent to the centrifuge for processing.

Executive Director's Recommendation:

For information purposes only. No action required.



TO: Lake County Water Authority Board of Trustees
FROM: Jason Danaher, Water Resources Project Manager
DATE: November 27, 2018
SUBJECT: Award Bid for NuRF Temporary Services

Regular Agenda

Award Bid for NuRF Temporary Services

Since hurricane Irma in September 2017 the NuRF has been operating to treat water discharged from Lake Apopka. The LCWA staff was working three shifts for several months and then the board authorized the use of a temporary staff hired on through a service agency. Woodard & Curran has provided 2 to 3 temporary staff members to fill the needs of shift work and assist with NuRF maintenance as needed. The LCWA is approaching its limit on expenditures before the need to bid for temporary staffing services.

A bid was released in December and qualified vendors would provide services for a two-year period. The bid stated the LCWA may make multiple awards to ensure temporary staff is available when needed. Responses to the bid will be shared with the board at the December meeting. The LCWA staff will make a recommendation to the board if there are favorable responses.

Executive Director's Recommendation:

Authorize the Executive Director to execute a contract with the most favorable vendor(s) to supply temporary staff members for continued NuRF operation when needed.

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TO: Lake County Water Authority Board of Trustees
FROM: Ben Gugliotti, Land Resources Director
DATE: November 30, 2018
SUBJECT: Sawgrass Island Preserve Restrooms

Regular Agenda

Sawgrass Island Preserve Restroom Update

On April 10, 2017, the Lake County Water Authority entered into an agreement with UBC Precast, to provide two vaulted restrooms for the north and south parking areas at Sawgrass Island Preserve for \$52,980. It was stated in the agreement that the Water Authority would handle the permitting for the restrooms. UBC began recasting the restrooms, and staff began the process of submitting permit applications to the Lake County Planning and Zoning Department. The Planning and Zoning Department also recommended we talk to the Health Department and Building Department. We found out from the Health Department that there was only one pre-approved vaulted restroom design, and UBC was not it. We also found out from the Building Department that staff could not pull a commercial building permit, only a General Contractor certified in the State of Florida could.

Staff forwarded the information to UBC about the vault certification requirements, and they said they would work on the certification. Staff began searching for a Certified General Contractor that could oversee the project and apply for the building permits.

On June 7, 2017, UBC requested a partial payment because the buildings were finished, and they were having to hold on to them because of the permitting delays. The Water Authority paid UBC \$26,490 on July 14, 2017. On July 27, 2017, UBC requested another partial payment, but staff said we could not make an additional payment until the vault certification issue was resolved.

On August 9, 2017, the LCWA signed an agreement with Hart Construction and Development to oversee the project and handle the Building Permits at a cost of \$6,960.

On September 18, 2017, Mr. Hoskins emailed staff about the status of the Vault. He forwarded an email from Dr. Eberhard Roeder with the Florida Department of Health, outlining the requirements for getting a vault certified. Mr. Hoskins said he was having his engineer look into it.

On October 6, 2017, staff tried to call Mr. Hoskins for a status update.

On October 23, 2017, staff sent an email stating that we had tried to contact Mr. Hoskins by phone on October 6, 2017 but did not received a response.

BOARD OF TRUSTEES

Table with 7 columns: District One (Peggy Cox), District Two (Trampis BonJorn), District Three (Carolyn Maimone), District Four (Robert Hendrick), District Five (Amy Stone), At-Large (Courtney Stokes), At-Large (Keith A. Farner)

On November 2, 2017, staff received zoning permits for both restrooms. The permits are good for 18 months from the date of issue.

On November 29, 2017, staff emailed both Mr. Hoskins and another email address (UBCPrecastjennie@gmail.com) that was included on a previous email that Mr. Hoskins sent. Staff stated that they have tried to contact Mr. Hoskins on numerous occasions and that we needed some kind of response by December 8, 2017. Staff also called and left a message with David Scott, another contact that was included in the agreement. Staff did not receive a response.

On December 21, 2017, staff contacted the LCWA Attorney asking her to develop a Notice of Termination for UBC Precast terminating the agreement.

At the January 24, 2018 LCWA Board Meeting, the Board directed Attorney Barice to send a Notice of Intent to Terminate Contract letter to UBC Precast. The letter gave UBC until January 8th to Contact Attorney Barice to come to some resolution. The January 8 deadline passed without a response from Mr. Hoskins. On or around January 16th, Attorney Barice received a call from Mr. Hoskins and they discussed a possible resolution to the issue. Attorney Barice advised the Board of her discussion with Mr. Hoskins and said he would be willing to move forward with the vault certification process if the Water Authority would be willing to split the additional costs. The Board voted to pay half the vault certification costs not to exceed \$1,000.

Staff prepared an amendment to the agreement to extend the contract time and to put into writing that the Water Authority would pay half the certification costs not to exceed \$1,000. Intending to bring it to the April LCWA Board meeting, staff emailed the draft amendment to Mr. Hoskins on April 10, 2018 and asked Mr. Hoskins about product certifications. Certain items such as doors and windows need to be certified for use in the state of Florida (hurricane standards). Staff asked if he was familiar with the standards since he said he had done buildings (not restrooms) in the state before. Staff explained that this would be part of the Building Permit process, specifically stated that staff hoped this was not another “vault certification” issue, but that if it was, we need to deal with it sooner than later.

Staff received an email from Mr. Hoskins on April 23, 2018 stating that they had constructed the temporary lid to vacuum test the vault and was working with the engineer to figure out how to perform the test. He stated that he had already spent \$3,000 on the testing process so we had gotten a deal on the recent agreement. Mr. Hoskins did not respond to the previous questions about the amendment to the agreement or about product certifications. Staff reiterated those questions in an email response on April 24, 2018 but have not had any contact from Mr. Hoskins since.

In November 2018, The Executive Director was contacted by an attorney representing a party (municipality) that had done business with UBC Precast and was awarded a settlement. Included in the settlement were “our” restrooms that were sitting in the yard at UBC Precast. The attorney wanted to know if we still wanted the restrooms and if we were willing to pay the balance of the agreement (\$26,490) to get them.

Staff assembled the following list of outstanding items from the original agreement:

1. Staff did receive signed plans for the restrooms, however the plans had not satisfied the State Health Department. Final approval from both the Health Department and presumably the Lake County Building Department will require additional P.E. signed and sealed plans.
2. An engineer would be required to complete the vault certification process.
3. The Water Authority was to have the holes for the vaults excavated, but UBC was responsible for the final grading, compacting and installation of the granular rock sub-base.
4. UBC was responsible for shipping the completed restrooms from Idaho to the Sawgrass Island Preserve located at 12098 Sawgrass Island Rd., Umatilla, FL 32784.
5. Once on site, UBC was responsible for unloading and placing the vaults and restrooms using a 100-ton crane, sealing the vault to the restroom and making all plumbing connections. Staff receive a quote from Sims Crane and Equipment to provide a 100-ton crane for \$4,322/day and would estimate that we would need two days, one to unload the vaults and restrooms and a second to place the vaults and restrooms once they were approved.
6. In the photos that were sent to us from UBC, a sink basin, ADA hand rails and a toilet paper dispenser are present, but UBC was responsible for providing the faucet, paper towel dispensers and the commode or “riser” and any other fixtures required.
7. Doors are not in the photos. Doors and windows are also required. Also, not pictured are the vent tubes and vault doors required for the vaults.
8. UBC was required to maintain insurance to cover themselves, subcontractors and the Water Authority while the work was being performed.
9. A one-year warranty was required by the agreement.

The outstanding costs so far:

1. Engineer to test the vault and certify any additional plans	Undetermined
2. General Contractor to pull Building Permits and oversee project	\$ 6,960
3. Shipping costs to get the buildings and vaults to Florida (This is an estimate from the 3 rd party to ship)	\$15,000
4. Final grade, compacting and granular rock sub-base	\$ 3,000
5. 100-ton crane	\$ 8,644
6. Any additional hardware	???
7. Insurance to cover the project	<u>???</u>
Total	\$33,604

Just the General Contractor (\$6,060) and the crane (\$8,644) which staff has quotes for is \$15,604. Subtracting that amount from the outstanding balance from the original agreement (\$26,490) the remainder is \$10,886. Even if the third party (who are in possession of the restrooms) was paid \$10,886, it would not even cover the shipping cost.

For the original Request for Proposals, there were four proposals submitted.

Company Name	Proposed Total Base Cost	Alternate 1	Total Cost
Sun County Foliage, Landscaping and Concrete, Inc.	\$137,642	N/A	\$137,642.00
Green Flush Technologies	\$124,800	N/A	\$124,800.00
Wagner 3 Ventures	\$63,100	Specifications	\$63,100.00
UBC Precast Concrete Products	\$52,980	N/A	\$52,980.00

Because:

- UBC Precast has defaulted on their contract and the restrooms are in the possession of a third party that is not capable of completing the certification and other tasks as required in the contract;
- there is no guarantee that the bathrooms will be certified in Florida and therefore unpermittable;
- the costs to complete the shipping and installation far exceed the original contract amount;
- attorney fees continue to accumulate while this issue is being resolve; and
- there is not a strong request from the public for restrooms at Sawgrass Island Preserve.

Staff would recommend that the agreement with UBC Precast be formally terminated and stop the restroom project at Sawgrass Island Preserve.

Executive Director's Recommendation:

Terminate the agreement with UBC Precast and stop the restroom project at Sawgrass Island Preserve.