

Animal Care and Life Support Board Report

APRIL 2021:

- Brittany drove to Big Pine key to transport small tropical animals for new exhibits 3/22-3/23. – **All animals survived transport and are going through quarantine to prepare for new exhibits**
- We are awaiting gate options for flow control/ backflow prevention at discharge culverts for GFL (currently using wood planks on both sides North and South) **Shaun is working with Murray Logan?- ON GOING**
- Ocean pump is running well, power alarms are functioning properly- **flow alarm damaged see below**
- Our Flow meter was damaged by flooding and needs to be sent in for repair. Even after repair work the Flow meter turbine cannot be reinstalled until flooding issues are corrected or it will be damaged again. – ~~will repair once rain diversion culvert is complete~~ – **sending flow meter back for repair – unsure if it will be need to be completely replaced. Awaiting RA# to ship to repair location.**
- The construction team used mulch as ground stabilization around GFL. This will need to be removed and replaced with rocks as this area floods and will flow mulch into lagoon. **Incomplete**
- Supply pump to LSS room from GFL is installed. I need to construct a pump house as the pump is louder than anticipated. I also need to install a pressure gauge to guarantee appropriate head pressure is maintained as incorrect sized discharge end piping was installed. -**Operations constructed a heavy duty pump house and the noise level when running does not disturb programming or guest experience. I will need to add a hydraulic lift assist because the lid is incredibly heavy and could led to injury.**
- Power switch on new supply pump will also need to be replaced to a weather proof switch as the current disconnect will corrode too quickly. – **replaced with appropriate switch 3/29**
- Both LSS systems are up and running. I located a few leaks that still need to be addressed but sand should be added this week. I need to plumb our siphon line access pipes under the mangrove tank once I can gain space to do so once Trivium/ ColorAd completes their tasks.
- Mudbank backdrop was installed last week but concerns of too large of openings (for octopus) around inflow line will need to be addressed in house.
- WIFI booster will be needed to increase signal in LSS room. The LS system automation alarms notifies me every time connecting is lost and have 100's of texts/ notifications a day as a result.
- I celebrated 12yrs with FOS on April 8th!

Brittany Biber

Director of Animal Care
and Life Support