SOUTH FLORIDA WATER MANAGEMENT DISTRICT









Big Cypress Basin Field Station

Henderson Creek Structure 2

Control room for Cocohatchee
Structure 1

Golden Gate Structure 3 (GG3)

Big Cypress Basin FIELD STATION ACTIVITY REPORT

Karen A. Estock Superintendent August 22, 2018



Overview

- District Fleet Replacement Standard Guideline
- FY16 FY18 Capital Fleet Investment
- FY19 FY24 Capital Fleet 5-Year Plan

District Fleet Replacement Standard Guideline

- Before a vehicle or piece of equipment is considered for replacement, it must meet two of the three replacement criteria:
 - Age
 - Miles/Hours
 - Maintenance cost per Hour (MCPH) or Maintenance cost per Mile (MCPM)
- MCPM & MCPH is calculated by dividing Total Maintenance Cost by Total Miles or Hours (depreciation cost is not included).

Fiscal Year	Description	Purchase Order Amount	PO Remaining Balance	
2016	TRUCK, 1/2T, PICKUP, CC, 4WD	31,395.00	-	
	TRUCK, 1/2T, PICKUP, EC, 4WD	57,436.00	-	
	TOWBOAT, AQUATIC WEED HARVESTER	147,890.00	-	
	TRAILER, TRANSPORT	16,892.00	-	
2016 Total		253,613.00 -		
2017	TRUCK, MID-SIZE, SUV, 4WD	23,529.25	-	
	TRUCK, 1.75T, UTILITY BODY, 4WD	94,630.00	-	
	TRUCK, 3/4T, PICKUP, CC, 4WD	35,970.00	-	
	TRUCK, 1/2T, PICKUP, CC, 4WD	31,469.00	-	
	Amphibious Havesting Boat	148,700.00	-	
	Trailer, Boat	9,000.00	-	
2017 Total		343,298.25 -		
2018	TRUCK, 1.5T, FLATBED, CRN, 4WD	81,740.00	81,740.00	
	TRUCK, 1T, UTILITY BODY, 4WD	98,284.00	-	
	TRAILER, SEMI, LOWBOY, TANDEM AXLE	80,444.00	-	
	TRUCK, SEMI-TRACTOR, TRI-AXLE	148,530.00	-	
	WARN WINCH M15000	1,775.00	-	
	WINCH MOUNT	655.00	-	
	FREIGHT	128.00	-	
2018 Total		411,556.00	81,740.00	
Grand Total		1,008,467.25	81,740.00	





- 1 Mid Size SUV BCB Service Center Staff
- $3 \frac{1}{2}$ Ton Pickups
- 1 ¾ Ton Pickup
- 1 1 Ton Utility Pickup



½ T Pickup Truck



Semi-Tractor
 Tri-Axle Truck
 with Lowboy
 Trailer

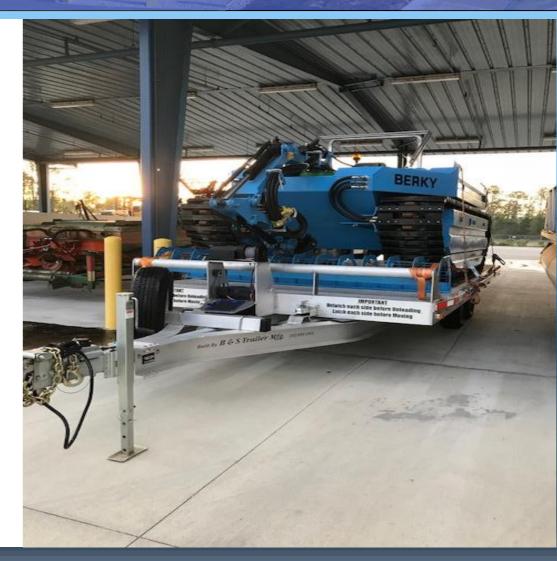
 1-3/4 T Utility Body Truck with Crane





Aquatic Weed Harvester

Amphibious **Harvesting Boat**

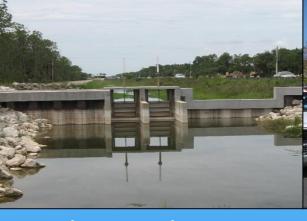


FY19 – FY24 5-Year Fleet Plan

Fiscal Year	Current Equipment	Year	Requests	Amount	
2019	NEW ADDITION		926M UPGRADE TO CATERPILLAR 938 WHEEL LOADER	\$150,000	
	NEW ADDITION		20K GVWR TRAILER 10T TANDEM	\$ 12,000	
	TRAILER, 20T, FLATBED TILT, TANDEM V1784	1997	TRAILER, 20T, FLATBED TILT, TANDEM	\$ 23,000	
			HEAVY DUTY FORKS FOR 521G-721G	\$ 4,320	
			HEAVY DUTY ROOT RAKE IN FOR 521G-721G	\$ 6,300	
			FORKS	\$ 4,000	
			4YD ROCK BUCKET	\$ 2,000	
			4YD FLAT EDGE BUCKET	\$ 1,600	
			RAKE GRAPPLE	\$ 13,000	
			SKID STEER AUGER ATTACHMENT	\$ 7,000	
Total 2019					
2020	NEW ADDITION		LONG ARM EXCAVATOR	\$290,000	
	NEW ADDITION		TRUCK, 18CY, DUMP, TRI AXLE, MACK	\$166,000	
Total 2020				\$456,000	
2021	TRUCK, 18CY, DUMP, TRI AXLE V1849	1998	TRUCK, 18CY, DUMP, TRI AXLE, MACK	\$166,000	
	NEW ADDITION		EXCAVATOR, CATERPILLAR 336	\$286,000	
Total 2021					
2022	BULLDOZER, D4 V1539	1994	DOZER, D5K XL	\$140,000	
	GRADALL, EXCAVATOR, TRACKS V2442	2003	GRADALL, EXCAVATOR, TRACKS	\$247,000	
	TRAILER, BOAT, SINGLE AXLE V2095	1999	TRAILER, BOAT, SINGLE AXLE	\$ 8,000	
	BOAT, 22 FT, PONTOON V2475	2004	BOAT, 22 FT, PONTOON	\$ 18,000	
	MOTOR, OUTBOARD V44637 (V2475)	2006	MOTOR, OUTBOARD	\$ 3,500	
Total 2022					
2023	NEW ADDITION		GRADER	\$249,000	
	VAN, 3/4T, CARGO, 2WD	2012	VAN, 3/4T, CARGO, 2WD	\$ 60,000	
	TRUCK, 1.5T, UTILITY BODY, 4WD V2142	2000	TRUCK, 1.5T, UTILITY BODY, 4WD	\$ 85,000	
Total 2023	Total 2023				
2024	FRONTLOADER, SKID STEER, TRACKS	2010	FRONTLOADER, SKID STEER, TRACKS	\$ 86,000	
	BACKHOE, LOADER, 4WD V1622	1995	BACKHOE, LOADER, 4WD	\$150,000	
	TOWBOAT, AQUATIC WEED HARVESTER	2017	TOWBOAT, AQUATIC WEED HARVESTER	\$180,000	
Total 2024					

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Questions