

Wednesday November 8th 2023

## Canebrake County Water Board - Equipment report

---

### Subject

Description detail of equipment

#### **Dump Truck**

Brand Ford

Model F600 Dump truck

Year 1965

VIN 60BR637062

License 366407 CA Perm Exempt Commercial

Fuel type Gasoline - Smog exempt

Condition Good

Latest Review 10/29/2023

As reported vehicle in good running order. Recently brakes were an issue with little to no pedal. Emergency brake not working. Broken lense on turn signals.

9/6/2023 Mechanic Toby Scott from East County repair analyzed and inspected brakes... No leakage was discovered. Adjusted brakes. Full brake pedal. Adjusted emergency brake and replaced weak cotter pins. Emergency brake now working.

9/6/2023 Vehicle was test driven by Daryl Holmes Jr. and Dean Kuns.

Summary: Vehicle in good working order. Mechanic claims it is safe with many years of use with proper scheduled maintenance. Mechanic claims brake fluid naturally evaporates and needs to be perpetually replenished. Recently purchased wheel cylinder kits for all wheels

10/29/2023 Vehicle was started by Daryl Holmes Jr. Ran perfect. low on brake fluid and fuel... Holmes brought extra brake fluid.

Wednesday November 8th 2023

**Golf Cart**

Brand EZGO  
Model Workhorse  
Year 2001  
VIN/Serial 1350141  
MFR Code D101  
Fuel type Gasoline  
Condition Good

[Latest Review 10/29/2023](#) No issues

As reported vehicle in good running order. 12/2022 spark plugs were changed. No issues. previous tire replacement due to puncture. Primarily used for meter reading.

Summary: Vehicle in good working order. Maintenance should be performed oil change and filter cleaned or replaced.

**Back up portable Generation system**

Brand Hardy Diesel  
Model RF22DWLP  
Year 2009  
Serial 4575/09  
Output Phase 1 Volts 120/240 Cont. Duty 15 KW - 62.5 Amps  
Trailer Carson  
Year 2009  
VIN 4HXEN08159C145048  
Condition Good

Wednesday November 8th 2023

[Latest review 10/29/2023](#)

Vehicle in good running order. Vehicle started and ran for 15 minutes on 9 /06/2023 by Daryl Holmes Jr. and Dean Kuns. No issues.

### **BACKHOE**

Brand	CASE
Model	580K
Year	1978
VIN	JJG0016387
Condition	Poor

Latest Review: 08/30/2023 and 09/06/2023

As reported this equipment is in fair to poor condition. Vehicle was started by Ron Akey 9/05/2023. Engine running well. On 8/30/2023 vehicle/equipment was reviewed and inspected by Brian for Mia Trucking based out of El Centro, Ca. Brian stated that there are various problems throughout the vehicle. Waiting for Brian's estimate of repair.

- Brakes are not working correctly - internal damage
- Clutch switches are not working
- Many seal leaks and most hydraulic rams require repair.

Mechanic Brian shared that it would be cheaper for him to tow vehicle into his El Centro shop for a complete repair. He claimed the overhaul would be quite expensive. He said we should consider replacing the equipment. He considered vehicle unsafe for use.

### ***Second opinion***

On 09/06/2023, Mechanic Toby Scott from East County Equipment, Ramona, Ca. made a service call to repair dump truck and inspect tractor. Toby quickly pointed out that the "brakes are wet". A condition requiring complete removal of tractor rear end running gear. He Explained the brakes are worn and in an internal housing. Further damage could occur due to metal shavings in housing. Ron Akey shared that the Hydraulic tank was cracked and leaking. Scott said the tank is not repairable. Cost to

Wednesday November 8th 2023

replace brakes would start at a minimum \$4000. Once housing is open more work could be required driving up price. Toby explained that the magnitude of the repair work were out of his scope of work. He Recommended we reach out to ROE BROTHERS out of Ramona for repair.

***Toby Scott also cited the fact that the vehicle is not compliant with California EPA smog laws (in 2010 California passed a law requiring all diesel engines to have a Diesel Particulate Filter system which requires Diesel Exhaust fluid DEF).***

Daryl Jr asked “do you consider the vehicle safe to use?” Toby Scott stated that in private use on flat land the vehicle is usable. Any off-camber use is not recommended, hills, angles etc. So he considers the vehicle use unsafe.

In summary: Vehicle should most likely be replaced. Costs to overhaul will exceed \$20K per mechanics inspections.

Update: CCWD can probably sell the unit for \$5K to \$7k. We could use the back hoe portion of the vehicle as long as it sits on solid flat ground and uses stabilizer pads. At this point the board recommend to pull the unit out of service. Ron Akey in an emergency is the only person qualified to use it.

**Water district pick-up**

Brand	Ford
Model	Ranger
Year	2004
VIN	1R45E74PA26410
Condition	Good

Latest review 10/29/2023

As reported vehicle in good working order. Dean Kuns our water manager drives the vehicle exclusively. Tires and battery were replaced in 2023. Jerry Bucieht had entire front end suspension overhauled in 2023.

In Summary: Basic maintenance required. No issues.

Wednesday November 8th 2023

10/29/2023 Update: Board member Mr. Mooney drove the vehicle and cited problems with shifting “park - drive mechanism. Based on Mr. Mooneys comments it sounds like a neutral safety switch has failed on the vehicle. It will need to be taken into a repair shop in El Centro and have the part replaced.

Daryl Holmes Jr.

Cost of service call by Toby Scot \$675.

### **Tractor repair or replacement option**

Repair            Costs to repair current 580n Equipment will be around \$20K based on mechanics inspection. That doesn't include any unforeseen issues discovered while under repair. Vehicle would be transported to El Centro my mechanic(s).

Time for repair:     4 to 6 weeks

Another option is to contact ROE equipment out of Ramona, Ca. (Referral) They may be able to repair on site.

### **Replacement**

New:            A new CASE 580SN equivalent to current equipment would be \$95k to \$114K depending on additional add-on equipment. Standard 5 year warranty.

Brand Option:     Mahindra 6075 enclosed cab with BackHoe attachment. Terrific equipment, 5 year warranty. \$66,571.

### **Used Replacement**

Used Case 580SN, Years 2014 though 2018 with 1500 hours or less

Price range \$52K to \$55K. Enclosed cab. Joy stick operation.

### **Rental option**

Wednesday November 8th 2023

Daily rental \$415

Weekly \$1585

4 weeks \$3355

Sunbelt rental - Delivery not included.

### 10/29/2023 Update

Revised and new recommendation would be to convert to a track steer unit. Recap on another report below

Greetings Jerry and Gunner.... After considerable amount of time and research, input from Ron Akey, here is where I am at with my input and future recommendation for our heavy equipment needs.

#### Current Backhoe

- Based on several equipment surveys our current 580 CASE unit will surpass \$20K to repair and update to a manner which is considered safe and operational. The unit will always be con-compliant without DEF California smog law guidelines. Based on this my recommendation is to sell or trade this unit.

#### BACK HOE vs Track Steer.

##### Back-hoe advantage

- Obviously a combo-Excavator with loader bucket gives us the versatility of both.
- our 580 equivalent has the strength and ability to any just about any conditions we incur in Canebrake in our environment.

##### Back hoe Disadvantage

- Costs... replacement costs for a new unit equivalent would range from \$105k to \$137K with all the relative attachments required. A used unit with 3000 hours or less would range from \$58K to \$92k based on an equivalent to our 580.
- Availability.... very hard to find. most used units come from rental fleets. Once they roll off the rental fleet the dealerships put them up for sale. Sadly these units are mostly poached by foreign countries so the demand is huge. At this point there is little to no used equipment available.
- Size and versatility.... Back hoe units are cumbersome and require quite a bit of room to rotate.
- One operator. One operator... You can dig or you can load. You cannot do both. Ties up more hours to complete projects

Wednesday November 8th 2023

#### TRACK STEER advantage

- Versatility. Takes minimal room to operate. Takes nearly half the space of a back hoe while easily loading the same amount of material. Will easily reach dump truck
- TRACK stability. Very wide footprint on 12" tracks, very stable, non rocking. Handles sand much better than aired tires.
- SPEED. the Unit can move material much quicker.
- Bucket size 3/4 yard.
- Safe inclosed cage.
- Smog compliant - no need for compliancy tests.
- Fuel efficient
- Ease of use.... Very easy to learn and operate.
- Cost... substantially less than a backhoe. \$40 to \$50K.

#### TRACK STEER Disadvantages

- No excavator bucket. Loader only.
- Travel speed - 8 miles per hour.
- Sand can be abrasive on equipment
- Not as large bucket as a back Hoe. 3/4 yard verses a 1 yard.

#### In Summary....

Based on input from Hawthorne CAT and the Miramar BOBCAT dealerships.... the edge goes to the TRACK STEER. In both cases the salesmen representing the dealerships were both familiar with our property and sand and rock environment. They both suggested two pieces of equipment, a Track Steer and a mini Excavator. This allows for two operators, one digging trench and the Track Steer moving material. Overall the price would be less than a backhoe.

Research.... We have located several track steers, new and used. I have received bids on both new and used. BOBCAT has a great warranty on new with a decent price buy most likely out of our budget for new. Hawthorne CAT has located a 2018 used 239 track steer with 1500 hours which is very low. We may be able to acquire this unit from Hawthorne for \$40K. (This is \$10k to \$15K below market). The unit has been in service as a rental for 3 years and will be taken out of the rental fleet and put up for sale. I personally have a very long and great relationship with Hawthorne and they have responded that they would take care of us.

During our November 11th meeting I would like to come away with approval from our board members for the following

- Permission and pursue and purchase CAT 239 Track Steer at \$40k to \$50K.
- Put our current CASE 580S up for sale or trade.
- Look into acquiring in the future a Mini Compact Excavator.

Wednesday November 8th 2023

The Track Steer comes available next week November 7th. I would like to see the unit along with fellow board members Jerry, Robert and possibly Gunnar. Hawthorne will demonstrate the vehicle. The vehicle will not last long however Hawthorne said that they would possibly hold it for us.

I appreciate your response

Regards

Daryl  
Holmes