



2023 PUBLIC WORKS BUDGET







THIS IS OUR SPARE TRUCK

WE ARE REPLACING A BLOWN MOTOR WITH 504,00 MILES ON IT WITH A MOTOR FROM ONE OF OUR JUNK TRUNKS WITH 900,000 MILES ON IT.

WE ARE STILL TRYING TO RECOVER FROM THE TRUCK FIRE

►CURRENT FRONTLOAD TRUCK SUMMARY

► 2001 Volvo 01V9528	504,402 miles	Replacing engine with engine from 02V6249 that had 900,000 miles on it.
►		
► 2011 Autocar	11A3224	255,000 miles
►		Fair condition
►		
► 2013 Autocar	13A5553	252,000 miles
►		Good condition
►		
► 2015 Autocar	15A8606	304,591 miles
►		Good condition
►		
► 2018 Autocar	18A6020	88,000 miles
►		Good Condition
►		

OUR FRONT LOAD TRUCKS RUN 7 DAYS A WEEK, 365 DAYS A YEAR
IN 2021, THE TRUCKS PICKED UP 2,340 LOADS OF SOLID WASTE NOT INCLUDING RECYCLABLES

ON AVERAGE A TRUCK RUNS 110 MILES PER DAY ON ROADS IT WAS NOT DESIGNED TO BE ON.

4 TRUCKS ARE USED 3 DAYS A WEEK FOR SOLID WASTE AND 2 OTHER DAYS FOR RECYCLING.
ON THESE DAYS WE ONLY HAVE ONE SPARE.

WITH THE MANY MOVING PARTS AND HYDRAULIC SYSTEMS ON THE TRUCK SITS EASY TO HAVE
2 TRUCKS IN THE SHOP FOR REPAIRS AT THE SAME TIME.

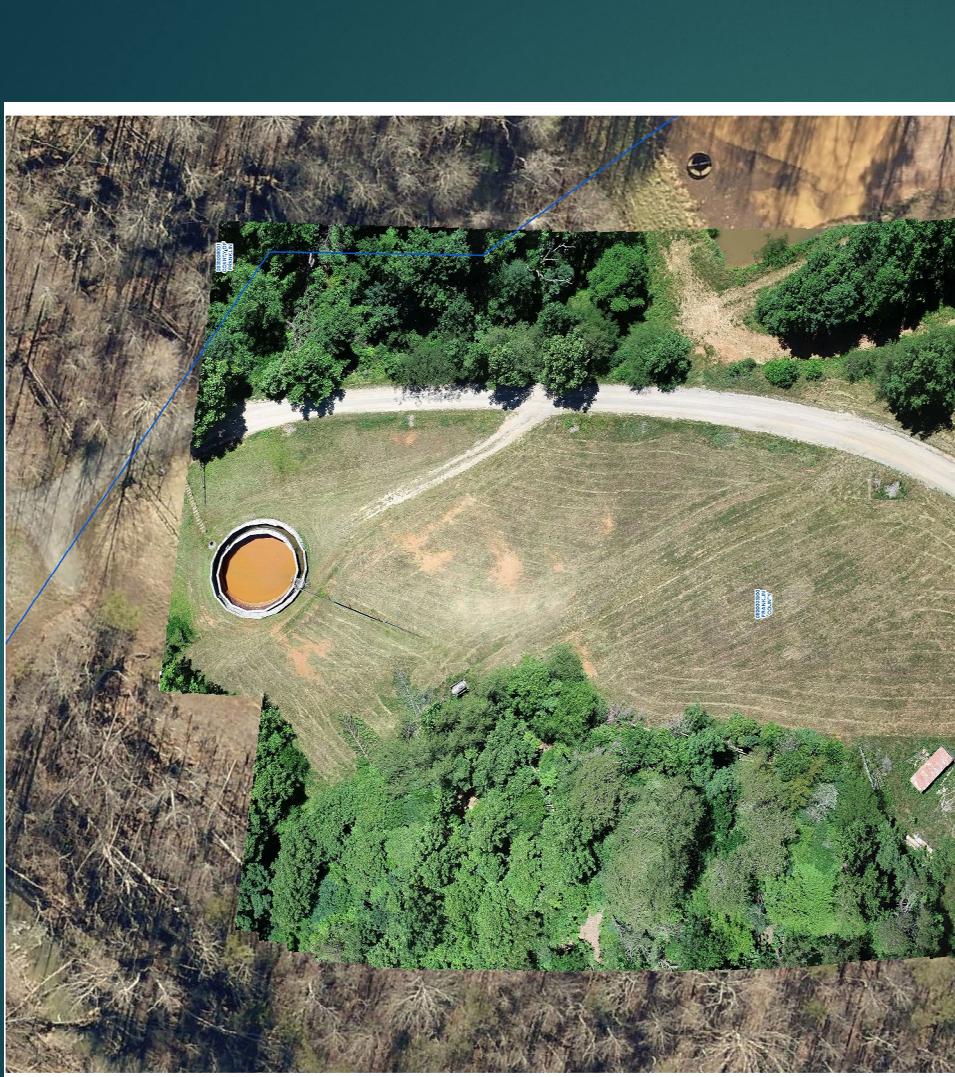
TRYING TO FIND A SIMPLE SWITCH OR SENSOR MAY PARK A TRUCK FOR A WEEK.

RUNNING 1 OR NO SPARE TRUCK IS TOO LEAN TO HANDLE THE COUNTY'S FRONT LOAD SOLID
WASTE WHICH STOPS FOR NOTHING AND HAS INCREASED SIGNIFICANTLY IS THE PAST SEVERAL
YEARS.

WITH THE COUNTY PUSHING FOR GROWTH WE MUST BE PREPARED TO HANDLE THE WASTE.

THE SUPPLIERS WE HAVE TALKED INDICATED IT WILL ME A MINIMUM OF 9 MONTHS FROM THE
TIME A TRUCK IS ORDERED TO DELIVERY.

STAFF NEEDS TO BEGIN THE PROCESS OF OBTAINING A NEW TRUCK NOW.



OLD LEACHATE
TANK TO BE
REPLACED WITH
LANDFILL
ROLLOVER FUNDS
REQUEST



6/17/2021
CELL 2







CELL 3 CONSTRUCTION

CLEARING TREES NOW (GENERATE \$20,000 FOR CELL 3 CONSTRUCTION)

STAFF DOING SOME EXCAVATING NOW

BLASTING THIS SPRING

PUT OUT BIDS FOR DRAINAGE STONE THIS SPRING (28,000 TONS #57 STONE)

PUT OUT FOR BIDS FOR CONSTRUCTION OF CELL LINER AND NEW LEACHATE TANK
WINTER 2022-2023

CONSTRUCT SUMMER OF 2023

ITEMS TO LOOK AT

CARDBOARD COMPACTORS FOR BOONES MILL AND FERRUM. AT CURRENT RECYCLING RATES THE COMPACTOR CAN PAY FOR ITSELF IN 32 MONTHS.

TRUCK LIFT FOR LANDFILL SHOP

REFURBISH SCALES AND SCALEHOUSE

ADDITIONAL SHELTER ROOFING FOR LANDFILL SHOP AREA

COUNTY STICKER TO USE COUNTY FACILITIES

LANDFILL SCALEHOUSE

BUILT IN 1994

NEEDS NEW ROOF

NEEDS FLOOR REWORKED

SCALES

BUILT IN 1980'S

RAISE DECK AND

LENGTHEN APPROACHES

PER STATE CODE THIS

SPRING.

\$25,000



CURRENT LIST OF SOLID WASTE COLLECTION SITES

2340 FRONT LOADS SOLID WASTE IN 2021

2941 TOTAL ROLL OFF LOADS IN 2021

320 LOADS OF BRUSH (\$45,000 EXPENSE)
IS IT WORTH CHARGING A NOMINAL FEE
FOR PICKUP/TRAILER LOADS

353 LOADS OF RECYCLABLES (\$80,000
REVENUE LAST YEAR, ON TRACK FOR
\$120,000 THIS YEAR)

MANNED SITES	
1.	LAKEWATCH
2.	SCRUGGS
3.	HARDY
4.	BURNT CHIMNEY
5.	WINDY GAP
6.	REDWOOD
7.	WAID PARK
8.	BOONES MILL
9.	FERRUM
10.	FORK MOUNTAIN

TOWN SITES	
1.	COUNTY BUILDING
2.	FRANKLIN CENTER
3.	JAIL
4.	ESSIG CENTER
5.	TOWN POLICE
6.	VDOT
7.	ANIMAL SHELTER
8.	CATCE
9.	MIDDLE SCHOOL
10.	HIGH SCHOOL (2 SITES)
11.	RM ELEMENTARY
12.	LEE WADE
13.	GRASSY HILL (2)

SCHOOL COMPACTORS	
1.	SNOW CREEK
2.	GLADE HILL
3.	BURNT CHIMNEY
4.	DUDLEY
5.	CALLAWAY
6.	BOONES MILL
7.	FERRUM
8.	HENRY
9.	WINDY GAP

COUNTY SITES	
1.	METWOOD
2.	DILLONS MILL
3.	ALGOMA
4.	CALLAWAY
5.	RETREAT (2)
6.	SAW MILL
7.	CROSSROADS
8.	ENDICOTT
9.	KNOB
10.	HENRY
11.	BLINDMAN
12.	SNOW CREEK
13.	OLD CHAPEL
14.	BELCHER
15.	GRAVEL PILE
16.	VASHTI
17.	PENHOOK (2)
18.	PENN HALL (2)
19.	GLADE HILL (2)
20.	DOE RUN (2)
21.	REC PARK (2)
22.	SONTAG SCHOOL
23.	LANDFILL (2)
24.	4H CENTER
25.	FIGSBORO



►COMMERCE CENTER

►UPDATE CONTROLS AND SCADA IN THE WATER PLANT (\$10,000 FROM COMMERCE CENTER UTILITY RESERVE)

►REPLACE PUMP AND 400' OF PIPING IN WELL 5. THIS IS THE MAIN WELL AND OUTPUT HAS DROPPED FROM OVER 30 GPM TO 11. (\$25,000 FROM COMMERCE CENTER UTILITY RESERVE)

►FINAL YEAR OF CONSERVATION EASEMENT MONITORING. WILL HAVE TO CLEAN OUT INVASIVE PLANTS. (\$5,000 FROM LANDFILL COMPLIANCE)