

# 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 TRUCKS 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

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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 IN 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 TAKE 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	5.	CALLAWAY
2.	GLADE HILL	6.	BOONES MILL
3.	BURNT CHIMNEY	7.	FERRUM
4.	DUDLEY	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)