

**Specifications for 1 and or 2 Flat Bed Dump Truck's
City of Monroe Water Resources Department
Maintenance Division**

Engine: Diesel – equipped with 120-1250 watt/volt – cold start, block heater
8 cylinder
Horse Power minimum 260/ 660 FT. Lbs. Torque
Water cooled
Engine oil & fuel filters, spin on type cartridge
Dry type air cleaner – replaceable cartridge type

Cab type: Standard type 2 door

Alternator: Heavy duty, minimum 130 AMP

Electrical system: 12 Volt

Batteries: (2) Heavy duty maintenance free – minimum 600 CCA mounted in external battery box

Steering: Full power

Brakes: Air Type w/auto air dryer to purge water out of system

Front Axle: 12,000 lb. Axle and Suspension

Rear Axle: 23,000 lb. Axle and Suspension w Helper

Transmission: 6 Speed Allison MD3560P automatic/electronic shift

Front and Rear Tires: 11Rx22.5 with 22.5x8.25 Rims

Tow Hooks: (2) front mounted

Trailer Hitch: Pintail hitch with safety chain hooks on rear , equipped with 7 pin RV plug for trailer lighting

Front Bumper: Painted

Fuel Tank: Left hand Step type, 50 gallon capacity

Radio: AM/FM – outside antenna

Air Conditioning: Equipped

Gauges: Engine oil, Air pressure, Water Temperature, AMP Meter. Transmission oil temp

Interior: Full bench type seat – gray vinyl upholstery, black rubber floor mats

Back up Alarm: Equipped, electric powered

Mirrors: Steep frame size 7” x 16” with 5” stick on spot mirrors

Horn: Air or electric

Exterior Color: Solid White

Interior Color: Gray

Frame and Chassis Color: Black

Miscellaneous Items:

- **Equipped with rear license plate mounting bracket**
- **Equipped with full mud flaps – rear of truck**
- **Muffler and tail pipe under chassis**
- **Equipped with interior dome light**
- **Equipped with sunvisors – driver and passenger both**
- **All lights to meet DOT specs.**
- **Halogen type headlamps**
- **Warranty (1) year parts and labor, minimum**

Truck Body Specifications

Length: 14'

Width: 8'

4" steel cross members 12" on center

8 gauge steel head board and cab protector, extending over the roof of cab

1/4", 1 piece steel floor

Sides: 24" tall, 10 gauge smooth steel

2"x 5" wide, 1/4" thick half channel standards welded to bed, every 24" on center – sides shall be non-removable type, side steel shall be bent, formed to cover top of top of 2 x 5 channel when making side panels

Tailgate: Barn door type with single level control on both doors, same height as side - boards

Lights: Flush mounted type to meet DOT standards

Mud Flaps: Rear wheel mounted

Load Cover System: Automatic type, electrically operated, 5000 ELDU Rollback system, 7' x 14' mesh, or an equivalent system that meets DOT standards

Hoist: Telescoping type minimum 18 ton capacity twin cylinder

Hydraulic Pump: H. D. piston type, equipped with relief valve or kickout when hoist is fully extended to protect pump

Power Take Off: Air shift type with control for PTO and dump access lever

Mounted inside cab convenient to driver – operator – beside gear shift

Lever- to be equipped with automatic shut off switch to disengage PTO when truck bed is in the down position and truck in gear

- **All controls for dump cycle shall be lever type**
- **All controls shall be mechanical – no control cables will be accepted**
- **Dump body shall be equipped with safety props that meet OSHA standards**
- **Body shall be primed and fully painted the same color as the cab of truck (white)**
- **Warranty (1) year parts and labor**
- **Questions relative to truck chassis specifications or dump bed should be directed to Randy Griffin, Water Resources Maintenance Superintendent, 2401 Walkup Ave., Monroe NC 28110.**

Monday through Friday

8:00 am to 3:30 PM Office: (704) 282-4610

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