




# INTEGRATED WASTE PROPOSAL MAY 9, 2023

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# **INTEGRATED WASTE PRESENTATION AGENDA**

- **The Current State of Integrated Waste**
  - **Integrated Waste Option #1**
  - **Integrated Waste Option #2**
  - **Operational Cost Savings**
  - **The Future of Integrated Waste Collections**
  - **Automatic Side Loader (ASL) & Yard Waste Collections After Transition**
  - **Recommendations**
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# CURRENT STATE OF THE OPERATION

- **Number of Household Garbage Routes (26) Rear Loaders @ 650 Homes Per Route**
- **Inmates Needed for Household Garbage & Recycling Daily 60**
- **Average Number Received 52**
- **Number of Personnel 56 CDL Operators (8) Spare Operators (5 Vacant Positions)**
- **10 Grab-All's Routes/On-Call Service**
- **12 Recycling Routes (8 ASL & 4 Rear Loaders Requiring 8 Inmates)**
- **Recycling Increased Post Covid (4) Additional Rear Loaders**
- **Daily Total Number of Routes (48)**

# **OPTION 1 OUR SUCCESS**

- 1. Continue with Route Designations As Is.**
  - a) 48 Routes – Not including Containerized Yard Waste (AmWaste)**
- 2. Continue to Fund AmWaste Through December 2023**
- 3. A Minimum of 5 ASL's are Expected to be Delivered in the Month of July.**
- 4. New ASL's will be Assigned to Household Garbage Collection.**
- 5. Household Rear Loaders will be Diverted to Yard Waste to start Preparation for Yard Waste Collection.**
- 6. This Increase In New ASL's and Diversion of Rear Loaders to Yard Waste will Allow us to Continue Our Current Service Level.**

## **OPTION 2 CONSIDERED OPTION**

- **Phase Out AmWaste By September 2023**
- **1<sup>st</sup> Phase Out: Reduce 5 AmWaste Rear Loader Routes By July 30 - 21,500 Customers**
- **2<sup>nd</sup> Phase Out: Reduce 5 additional Rear Loader Routes By August 30 - 21,500 Customers**
- **3<sup>rd</sup> Phase Out: Reduce 4 Final Rear Loader Routes September 30 – 17,000 Customers.**
- **Complete Phase Out AmWaste By September 30 – 60,000 Customers assuming we receive ASL's by July.**
- **This Option is Unstable Because We Can Not Guarantee Receiving Enough Trucks on Time to Collect What AmWaste is Currently Collecting.**
- **This Is Not A Favorable Option For Our Current Operation.**

# OPERATIONAL COST SAVINGS

- **The Cost to Operate a Rear loader Refuse Truck (26) is \$2,520,460.00 Annually.**
- **The Cost to Operate an Automatic Side Loader Refuse Truck (16) is \$1,777,459.00 Annually.**
- **With The Integration of ASL's We Will Be a More Efficient Operation With an Annual Estimated Cost Savings of \$743,000.00**

# **FUTURE SOLID WASTE COLLECTIONS PROGRAM**

- 1. Integrated Waste – Full Service Operation.**
- 2. With Automation Comes Improvements to Collection**
- 3. RESIDENTIAL COLLECTION:**
  - a) Amend Ordinance To Maximize Automation
  - b) Implementation of the One Cart System:
    - 1) Everything Must Be In The Appropriate City Issued Cart
    - 2) No Bags, Piles, or None City Issued Containers Will Be Collected With The New ASL Vehicle.
  - c) Additional Cart Fee to be considered with upcoming Rate Study.
  - d) On Call Bulk Collection
  - e) Vehicle Identification – Blue & White
  - f) All Level of Service Goes on The Same Day (HHG, Recycle, Yard Waste & Bulk)

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# **FUTURE SOLID WASTE COLLECTIONS PROGRAM**

## **4. Commercial Collections:**

### **a) Fleet Additions:**

**1 - Front Loaders & Roll-Offs**

**2 – Front Loader Dumpsters (Service 2, 4, 6 & 8 yd  
Dumpsters (Internal Customers)**

**3 – Roll-Off Compactors**

**4 - Open Top Containers (20 & 30 Yard)**

- Fleet Additions will handle Uptown, Special Events, Evictions and Internal Solid Waste Collection Needs.**
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ROLL-OFF



30 YARD COMPACTOR



FRONT LOADER



30 YARD OPEN TOP



4 YARD DUMPSTER

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# ASL & YARD WASTE COMPLETE IMPLEMENTATION

## IMPLEMENTATION PICTURE

- 16 - Automated Side Loaders Household Waste
  - 11 - Automated Side Loaders Green Waste
  - 6 - Rear Loaders Green Waste & Junk Waste
  - 10 - Automated Side Loaders Recycling
  - 10 - Grab-All's Bulk Waste
  - Daily Total Number of Routes (53)
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- **Pre-covid Waste Collection had a total of 62 Routes to handle waste collection.**
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# RECOMMENDATIONS

- **Maintain AmWaste Services through December 2023.**
- **Phase Out AmWaste Services by reducing the number of routes they handle monthly.**
- **Approve the addition of civilian workers to handle the collection on all rear loaders in preparation of providing Yard Waste Collection.**
- **Immediate Improvement to Customer Service and employee morale by changing collection days from Mon/Tues & Thurs/Fri. to Mon – Thurs. with Friday being off/maintenance day.**
- **All Collection Services Collected on The Same Day (HHG, Recycle, Yard Waste & Bulk)**
- **Finalize the cost for additional carts and limit the number of bags placed curbside for yard waste collection.**
- **Implement an aggressive educational campaign on automation and service changes.**

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**QUESTIONS**