GREATER LEBANON REFUSE AUTHORITY

Board of Directors Meeting Minutes
January 7, 2025

The regular meeting of the Greater Lebanon Refuse Authority was held on January 7, 2025 at the GLRA Office Building and via telephone conference. CHAIRMAN – John Poff, South Lebanon Township, called the meeting to order at 7:00 PM beginning with the Pledge of Allegiance, then roll call taken by Robert Garner, Jr., Executive Director. Members noted in attendance (*) on-site and (#) via telephone conference:

*	CHAIRMAN - John Poff, South Lebanon Township
*	VICE CHAIRWOMAN - Bonita Grumbine, North Lebanon Township
*	SECRETARY – Brent McFeaters, North Annville Township
*	ASST. SECRETARY – LuAnn Horn, West Lebanon Township
*	TREASURER – Clifford R. Berger, Bethel Township
	ASST. TREASURER – Charles Olt, South Londonderry Township
#	Eric D. Adams, Palmyra Borough
	Bill Behney, Richland Township
*	Paul Bird, Jonestown Borough
	Jeremiah Boyer, Jackson Township
*	Constance Bretz, Lebanon City
*	James W. Cantrell Jr., Swatara Township
#	Roberta DeSantis, Millcreek Township
	Thomas Embich, Annville Township (Alternate)
*	Edward Fogelsanger, South Annville Township
*	Frankleen Gibson, East Hanover Township
*	Jean Elia Long, North Cornwall Township
#	Larry Herr, Union Township
	Chris Horst, Heidelberg Township
*	Karl Kerchner, Mt. Gretna Borough
*	Elizabeth Lindsay, Cleona Borough
*	David Lloyd, West Cornwall Township
*	Barry Ludwig, Myerstown Borough
*	Howard MacFadden, Cornwall Borough
#	Heidi Neiswender, North Londonderry Township
#	Joseph Viozzi, Annville Township (Primary)

Also in attendance: Robert Garner, Jr., Executive Director, Amy Mazzella di Bosco, Lebanon County Recycling Coordinator (by phone), James Zendek, Senior Staff Engineer, Morgan Lusch, Staff Engineer, Loretta Baker, Operations Manager, Matthew Karinch, Esq., Solicitor, Michelle Miller, Compliance Officer and Recording Secretary. From the Public: Margaret Hopkins from LebTown, Bill Bering, Sr. and Bill Bering, Jr.

PUBLIC COMMENTS/PRESENTATIONS

Bill Bering, Jr. complimented the new GLRA office before sharing concerns about hunting on and around GLRA property. Mr. Bering, Jr. reported that he was hunting on a neighboring property to GLRA, when unnecessary words were initiated by a GLRA Employee. Additional matters were discussed regarding tree stand locations, property lines and no trespassing signs. Mr. Garner apologized to the Berings, reassuring them that he addressed the responsible employee and discussed the issue with the Personnel Committee and Game Commission.

A commemorative brick was presented to Barry Ludwig, Myerstown Borough representative, serving as a GLRA Board Member since 2014. This will be displayed in the Pollinator Tribute Garden, commemorating Board Members that have reached ten (10) years of service.

REVIEW OF EXCUSED MEMBERS
None.

MINUTES OF THE LAST MEETING

On a MOTION by Horn, SECONDED by MacFadden, Members APPROVED the December 2024 Meeting Minutes with no corrections.

EXECUTIVE DIRECTOR'S REPORT

A copy of the report is attached and hereto made part of the minutes.

Garner updated the Board on the Cayuga Lane property. Most repairs have been completed and rental to an employee will begin in February or March.

Goals and Objectives for 2025 include: increased utilization of the digital filing software, risk management assessments, future scale house and leachate pretreatment options and battery recycling campaigning.

The GLRA Employee luncheon was great this year because everyone was in the same building to enjoy the food and festivities. There were 14 employees that contributed to the six (6) nominations for Employee of the Year. The recipient of the award was James Hess.

Garner shared that GLRA was able to make its third Capital Reserve contribution in 2024. $65,000 went to the Recycling Reserve Account and $300,000 went into the Capital Reserve Account. Year to date, GLRA has contributed $1,265,534 to the Capital Reserves Accounts.

Tonnage in December was light; tonnage for 2024 was down 4,694 tons from what was budgeted, due to fluctuation in Construction/Demolition and Commercial waste, specifically one generator that is taking their waste to a food bank.

Long asked for more information about the Pheasants Forever site tour. Lusch stated that meeting was in regards to a grant application. This organization came to teach us about planting native grasses on the GLRA facility. 30 acres will be included in this application, with a goal of grant-funded purchases for seed and equipment, under a 10-year contract. This would bring in pheasants, pollinators, other birds and wildlife.

COMPLIANCE OFFICER'S REPORT

A copy of the report is attached and hereto made part of the minutes.

Miller updated the Board on the hauler that mixed recycling materials with Municipal Solid Waste in a mandated municipality in October. The 4th Quarter Hauler Rebate is being held and the $2,000 penalty was paid in full.

A littering complaint received, regarding trash bags along Jay Street, was resolved. Identifiable contact information was found. A customer confirmed the hauler to be their landlord. The landlord, a GLRA customer, promised Miller that he would speak with the driver and prevent future issues.

OPERATION MANAGER'S REPORT

A copy of the report is attached and hereto made part of the minutes.

Baker updated the Board on Cell 8. It was only utilized 7 days out of the month of December. This was due to holidays, staff off for vacation and weather conditions.

During the time away from Cell 8, GLRA began preparing the Borrow Area, installed the entrance road and had the silt sock installed by JPH Enterprises.

RECYCLING COORDINATOR'S REPORT

A copy of the report is attached and hereto made part of the minutes.

Mazzella di Bosco stated that the Christmas Tree Recycling Program is well under way, through February 15.

The Refuse Report will go to print January 17 and will be distributed in March.

Mazzella di Bosco updated the Board on two grants. Act 101, Section 902 Grant was awarded for the recycling bins and Grapple bucket. DEP sent out the formal contract for signatory completion, then disbursement is to occur in the amount of $222,000. Also, Act 101, Section 904 Grant, for 2022, was awarded for $64,893.14. This 904 Grant was put into the Recycling Reserve account.

Mazzella di Bosco mentioned that we collected an impressive 4 tons of household batteries for recycling and the Battery Recycling Campaign will be discussed further at the February meeting.

STAFF ENGINEER'S REPORT

A copy of the report is attached and hereto made part of the minutes.

Zendek updated the Board regarding scale house & leachate pretreatment feasibility study results. The scale house location is leaning toward new construction, off of Heilmandale Road, to the north of the existing Heilmandale Expansion. This would eliminate the need to cross over Russell Road with incoming waste. Pretreatment options lean toward the recommendation of building a facility, with significant Capital costs. City of Lebanon Authority (CoLA) surcharges would essentially be down to zero, and over 20 years, the Capital costs are expected to be less than what CoLA would charge over those 20 years, resulting in an estimated $1 million in savings, over 20 years. Final comments are still to be taken into consideration regarding both reports.

Gas and Leachate collection systems are working efficiently, much better than they have been in a long time.

McFeaters asked Zendek what his thoughts are on the Leachate report result and if there may be potential for grant funding. Zendek shared his opinion on the projection as risky and stressed the need for deep review. Building the plant may be beneficial for CoLA and GLRA, together, but for GLRA, individually, it may be a hefty investment. Further investigation is necessary.

MacFadden asked if GLRA is CoLA's only customer with such ammonia levels. Zendek confirmed that GLRA is not the only one, but is one of the largest contributors, based on what GLRA discharges.

TREASURER'S REPORT

A copy of the report is attached and hereto made part of the minutes.

On a MOTION by, Long, SECONDED by Neiswender, Members APPROVED payment of current monthly obligations as presented.

SOLICITOR'S REPORT
None.

PERSONNEL COMMITTEE REPORT

On a MOTION by Horn, SECONDED by Lindsay, Members APPROVED the 2025 Goals & Objectives as presented by the Chair.

On a MOTION by Lindsay, SECONDED by Grumbine, Members APPROVED the Annual Review for Robert Garner, Jr. and authorize the annual bonus in accordance with the Employee Policies.

OLD BUSINESS
None.

NEW BUSINESS
None.

On a MOTION by Cantrell, SECONDED by Grumbine, the meeting adjourned at 7:46 PM.

Respectfully submitted,

Michelle Miller
Recording Secretary

NEXT BOARD MEETING:

February 4, 2025, (Tuesday) – 7:00 PM
GLRA Office Building – Large Conference Room
1800 Russell Road
Lebanon, PA 17046

Committee Meetings:

February 4, 2025, (Tuesday) – 6:00 PM
Personnel Committee
GLRA Office Building
1800 Russell Road
Lebanon, PA 17046

File# 2025-002

GLRA Monthly Board Meeting Agenda

Date: January 7, 2025 **Time:** 7:00 pm

Location: GLRA Office 1800 Russell Road Lebanon, PA

1. Roll Call

2. Public Comments/Presentations - limited to 5 minutes, each

3. Review of Excused Members (Motion)

4. Approval of the minutes from previous meeting (Motion)

5. Executive Director's Report (Report attached and Motion)

6. Compliance Officer's Report (Report attached)

7. Operations Manager's Report (Report attached)

8. Recycling Coordinator's Report (Report attached)

9. Engineer's Report (Report attached and Motion)

10. Treasurer's Report (Report attached and Motion)

    o **Motion to accept the Treasurer's Report and to pay the monthly obligations.**

11. Solicitor's Report

12. Personnel Committee Report

    o **Motion to approve the 2025 Goals & Objectives as presented.**

    o **Motion to accept the Annual Review for Skip Garner and authorize the annual bonus in accordance with the Employee Policies.**

13. New Business

14. Adjournment

Printed on Recycled Paper

January 7, 2025
File # 2025-002

<u>Executive Director's Report</u>

<u>December 2024</u>

1.0 ADMINISTRATIVE

1.1   112 Cayuga Lane Property

We continue to make progress on preparing the house for rental. The electrical inspection went well with only a few lights in the garage needing replaced. The safety updates, which included removing a second floor sliding glass door that lead to a roof and replacing a brick retaining wall that was failing, will be completed by the time you read this. Flooring upgrades are scheduled for January. After the flooring work is complete, toilets will be replaced. Once this is done, hopefully by February, we expect to begin renting the property.

1.2   GLRA 2025 Goals & Objectives

Staff worked on the 2025 Goals & Objectives throughout the previous two months. The focus, this year, was to continue to improve efficiency throughout the Authority. The Goals & Objectives are provided in **Attachment 1** and were reviewed in some detail with the Personnel Committee. Highlights for 2025 are as follows:

- Increase utilization of our document scanning program, DocStar, to improve our filing and record keeping systems
- Complete a risk management assessment of certain Authority functions such as financial investments, cyber security, operational risks and fire & natural disaster recovery
- Investigate future scale house and leachate pre-treatment options
- Conduct an extensive media campaign targeting proper Battery Recycling

A request for adoption of the 2025 Goals and Objectives will be made during the Personnel Committee Report.

1.3   Employee of the Year

Each year, GLRA employees are given an opportunity to nominate fellow employees for the Employee of the Year award. This year, we received nominations for six employees from 14 different employees. The five runners up were Bryan Hess, Jason Horn, J.R. Bomgardner, Ken Baum, and Michelle Miller. The winner was James Hess. James, a Laborer, was nominated by four fellow employees for his willingness to help out others, training new employees and taking on new tasks to try and improve himself.

James was presented the award at our holiday luncheon. This year, the luncheon was particularly nice because all of the staff & employees, along with the food, could be in one location. In addition, Jessica coordinated the food, presented the longevity awards and organized a secret Santa gift exchange, which really added to the event.

1.4   GLRA Capital Reserve Contribution

In December, we were able to make a third contribution to our Capital Reserves for the year. The contribution amount was $365,000. $300,000 went into our Capital Reserve Account and $65,000 went into the Recycling Reserve account. This contribution to the Recycling Fund brings the fund value to $481,000. The goal for the Recycling Reserve fund is to maintain between $900,000 and $1,000,000. That was where this fund was prior to using much of it for the E-Recycling Building. Thus, we are steadily rebuilding the fund. Year to date, we have contributed $1,265,534 to our Capital & Recycling Reserve accounts.

2.0   BUDGET PERFORMANCE

2.1   Revenue from Waste Receipts

Revenue from tipping fees was 3.6% below budget in December. Revenue from Residential and Residual Wastes, and Sewage Sludge were on budget or above while Commercial and Construction & Demolition Waste were both well below budget. For the year, our revenue from tipping fees was 3.4% below budget.

2.2   Other Revenue

Other revenues were below budget for December. This is primarily due to the timing of recycling grants from PADEP and market decreases in energy costs for methane sold to produce energy.

2.3   Expenditures

Total expenses for the month were well below budget by about 14%. Recycling, Engineering and Landfill Gas Management exceeded their budgeted expenses for the month. For the year, total expenses were below budget by 14.3%.

2.4   The Volume of Waste Delivered

In December we received 9,868 tons. This was 335 tons below budget. This brings our total tonnage for the year to 131,995. This is 1,910 less tons than 2023 and 4,694 tons less than what we budgeted for 2024. For a review of our tonnage for 2024 see **(Attachment 2)** the Tonnage Trend Comparison Chart. Also provided (as **Attachment 3**) is an Annual Tonnage Chart showing our total tonnage over the past six years.

3.0   MEETINGS

Board Meeting	Monthly Board Meeting & Personnel Committee Meeting
Compliance Officer Update	Attended Monthly Compliance Meeting
Leachate & Gas Meeting	Held Monthly Leachate & Gas Management Meeting
SCS Scale House Meeting	Attended a call on the Scale House relocation study
Administrative Meeting	Attended Monthly Administrative Meeting
Pheasants Forever	Site tour and grant pre-application meeting for grassland project

Respectfully submitted,

Robert "Skip" D. Garner

Attachments: Attachment 1: 2025 GLRA Goals & Objectives
Attachment 2: Tonnage Trend Comparison Chart
Attachment 3: Annual Tonnage Chart

Attachment 1

2025 GLRA Goals & Objectives

Greater Lebanon Refuse Authority

Goals & Objectives 2025

MISSION STATEMENT

> To manage and dispose of Lebanon County's waste in a manner that protects the health and safety of the public, our workers, and the quality of the environment.

Management Goals

➢ Assure the safe operation of all GLRA Facilities

- Oversee the implementation of our hauler safety assistance & enforcement program

- Oversee and assist with annual review and update of Job Hazard Analysis Sheets (JHA's) for higher risk jobs. Continually add JHS's as deemed appropriate.

➢ Continue to operate all GLRA facilities in compliance with permits and regulations

➢ Oversee the proper management of the GLRA financial assets

- Assure operations of GLRA facilities in accordance with the approved 2025 Budget

  o Review monthly revenues and expenses by department to assure expenditures are in line with budget and current revenues.
  o Continue to have quarterly calls with investment advisors from both Fulton Financial Advisors and First National Bank of Pennsylvania Investment Advisors to assure we are maximizing our investments, while maintaining appropriate liquidity based on cash flow needs and debt repayment

- Oversee the annual GLRA Financial Audit and associated reporting

- Assist with the 1109 Trust Fund calculations to ensure that reserve account funding is maintained at appropriate levels

➢ Strategic planning for long-term projects and next generations facilities

- Implement projects and waste management systems as outlined in the Lebanon County Municipal Waste Management Plan

- Review the SCS Scale House relocation study and begin planning accordingly

- Complete annual review and update of Successional Plan for all key personnel including training outlined in each of the Personal Development Plans

- Review and consider EnTech leachate treatability study and create a project schedule for implementation.

- Begin assessment of long term waste management and recycling options

  o Consider GLRA's long term landfill options
  o Assess alternative recycling options
  o Consider benefits & challenges of regional solutions for the above.

- Risk Management Assessment including a detailed review of risks associated with GLRA, including but not limited to:

  o Investment Risk
  o Natural disaster / Fire Recovery
  o Operational Risk – accident, injury prevention equipment unavailability
  o Cyber Risk
  o Fire

➢ Efficiency & Utilization of Resources

- Assess various aspects of GLRA operations and administrative areas to improve or maximize efficiency where feasible including:

  o Maximize utilization of DocStar Program. This will move us in the direction of a paperless office
  o Complete a review of GLRA electronic files
    ▪ Delete duplicate/outdated or unnecessary files,
    ▪ Improve filing system and data retrieval
  o Monitor equipment utilization with a goal of reducing equipment costs and maximizing utilization. Expand our use of MVPOne to improve cost tracking and replacement schedules.

➢ Maintain positive relationships with all GLRA Stakeholders

- Employees

  o Assess and implement items to improve employee benefit packages, and/or employee morale
  o Continue to assure training and personal development opportunities are available to all employees.

- Board of the Authority

  - Communicate effectively with the Board and keep Members updated on GLRA projects and activities
  - Continue to provide timely draft meeting packets to provide adequate time for review in advance of the Board Meetings
  - Hold meetings as needed with Chair and Vice Chair and/or Executive Committee to provide general update on projects, activities and personnel
  - Assess options for legal representation

- Local Officials

  - Assess options for public awareness and public relations improvements; implement as needed
  - Attend local municipality meetings as needed to keep abreast of host municipal activities; when not attending meetings in person, review monthly meeting minutes

- Community
  - Continue to grow community projects including:
    - expansion of the Wildlife Diversity & Land Management Plans
    - Continue and hold the Disabled Veterans Hunt
    - Finalize the canal restoration/trail improvements
    - Assess and implement other options as they arise
  - Continue the use of the recently implemented complaint tracking system for customer complaints. Assess 2024 complaint log and options to mitigate complaints. Implement changes improvements where appropriate and financially feasible.
  - Assess need/benefit for a customer questionnaire for 2025

- Haulers
  - Meet with Haulers to become aware of their needs and seek areas of mutual assistance
  - Assist with waste or recycling services and improvements
  - Ensure compliance with GLRA Rules and Regulations
  - Assess methods and alternatives to improve customer service

Operations:

➤ Continue the efficient operation and maintenance of GLRA facilities, equipment and property in a manner which emphasizes employee safety, environmental responsibility, regulatory compliance, and efficiency.

- Strive for no lost time accidents or injuries in 2025

- Operate in accordance with all environmental permits and regulations
  - Assist with the implementation of Clean and Regulated fill Policy

  - Assess feasibility of the use of Drones for GPS, landfill density.

- Bid and procure equipment and supplies as outlined in the 2025 capital budget.

- Assist with the maximizing gas quality and quantity

➢ Continue to cross-train operations personnel to increase flexibility during personnel shortages.

➢ Manage the Operations in a sound, fiscally responsible manner while improving efficiency and aesthetics

  - Measure and report monthly on landfill density, with a goal of maintaining a total density of waste placed in landfill at or above 1350 lbs./cu

  - Continue to track and report tarp usage with a goal of reducing soil utilization by 3,000 cubic yards per month.

  - Begin reclamation of areas (refilling settled areas) of Schilling landfill with goal to complete by 2026.

  - Construct Cell 10 long-term access road.

  - Strive to eliminate infiltration and promote run off to reduce leachate generation, with a specific goal of reducing by 5% of the overall 2- year average.

- Monitor and report expenses in accordance with the approved 2025 budget

- Assist with planning and preparation of the annual budget.

- Reduce overstocking of inventory by utilizing same day delivery vendors.

- Continue to eliminate equipment/supplies and inventory that is no longer in use.

➢ Enhance support, coordination and planning for completion of special projects

➢ Improve site aesthetics including upkeep of existing properties, and site improvements such as the canal restoration and expansion of the GLRA walking trail.

- Assess 2024 complaint logs, list potential solutions, prioritize the least and implement improvements as practical.

- Continue to implement the recommendations outlined in the Wildlife Diversity Management Plan including Kestrel, Wood Duck, and Barn Owl nesting boxes and reduced mowing.

- Assist Engineering with Pheasants Forever ground preparation and invasive species control as outlined in the grassland/meadow creation grant application.

- Remove vegetation and sediment from one NALTS Pond based on clean out levels.

- Consolidate equipment and supply storage areas

- Paint and perform upgrades to employee break room, restrooms, and locker room.

- Clean out and organize the shop area. Create a work order for regular cleaning.

- Eliminate third party office cleaning services.

2025 Engineering Goals:

- Manage engineering construction projects in a safe, compliant and financially sound manor.
    - Seek and pursue new "Clean and Regulated Fill" Opportunities
    - Oversee the as needed soil mining operations on Lester Diem's farmland
    - Coordinate the completion of the Schilling Landfill and the transition to Cell 8
    - Create a long-term plan to address black goo concerns
    - Select an option from the scale house feasibility study and begin taking steps to move in that direction
    - Select an option from the pretreatment feasibility study and begin taking steps to move in that direction
    - Be as prepared as possible to manage leachate during Tank T-100 repair operations
- Oversee all environmental reporting and assist the Operations team with maintaining safe and environmentally sound operations

- Oversee monthly and quarterly landfill monitoring including wellhead readings, HOBO readings, HAP reporting, Vadose well readings, SEM monitoring, piezometer readings, and NALTS pond testing
- Complete and submit all annual reports including annual emissions statement, mine production report, Title V compliance, Tier II Hazardous Chemical Inventory, greenhouse gas, Act 20, settlement accommodation plan, and the annual operations report
- Renew landfill permits including but not limited to Title V, mine operator license, and dead animal license
- Streamline groundwater monitoring testing procedures to avoid confusion and overlap
- Follow through on proposed additions/upgrades to the canal walking trail

- Other
  - Manage Interns and develop projects beneficial for both their collegiate studies and for the GLRA.
  - Continue to interact and share knowledge/experience with other landfills
  - Gain knowledge and experience to keep advancing the GLRA's proposed succession plan

Compliance Officer Goals

- Maintain open communication with GLRA Customers, Municipality Representatives, Residents of Lebanon County, GLRA Board Members and GLRA Staff

  - Enforce GLRA Rules & Regulations

    - Continue to advise Haulers of safe operations; produce correspondence regarding safety concerns to avoid near-misses/accidents.

    - Continue producing quarterly "GLRA Safety Snip-It" newsletter for Commercial customers.

    - Continue Visit other waste management facilities to observe their landfill practices and procedures.

- Communicate and provide support to municipal representatives dealing with potential violations and public relations, within GLRA scope.

- Assist Operations with the coordination of any Workplace Safety Celebrations (750 days)

- Educate new Residents by means of a "Welcome Letter" – introduces the GLRA services offered to the community, regarding disposal & recycling options in Lebanon County.

- Coordinate GLRA's entry in the CLA's Annual Lebanon Holiday Parade.

- Review/update Job Hazard Analysis sheets, continually adding JHS's as deemed appropriate

- Update Board Members/GLRA Staff on Compliance & Enforcement issues/resolutions

- Produce annual Safety/Compliance article for Refuse Report

- Keep Customers up to date using SpeedAlert message board during tours, inclement weather, holiday hours and review speed dependent feedback using TraffiCloud software.

- Inform "Keep Pennsylvania Beautiful" participants collecting trash of no-charge disposal during their litter pick-up week. Seek guidance from KPB regarding potential Trail Cam Program for dumping/litter.

- Attend various SWANA events including the Annual Fall Conference

- Participate in available trainings regarding landfill operations, safety & environmental protection.

- Serve as Management Representative on the Employee Safety Committee

- Maintain & distribute Material Safety Data Sheets for GLRA sites

- Get to know our DEP Solid waste permit

- Complete quarterly review of Tare Program re-check results and address outliers

- Conduct on-site/off-site roadway observations; increase coordination with Operators & Scale house to determine sources of litter and address accordingly

- Assist Engineer with Form 26Rs and compliance with valid submissions

- Review weekly Engineering Manager landfill inspections for cover, erosion and litter

➤ Assist Recycling Coordinator upon request and keep Personal Development Plan front and center

- Register for PROP's Compliance training(s) as they become available

- Complete classes for PROP Recycler Certification Completion in 2025

- Assess benefit of a Customer Survey specifically related to Haulers/Cell 8

- Continue recommending TREX Recycling to interested Commercial participants & relay collection sites to residents interested in recycling eligible plastic bag material.

➤ Assist with GLRA's Wildlife Plan as a liaison between the Authority and Quittapahilla Audubon Society

- Eastern Bluebird boxes – maintain all Bluebird boxes for 2nd season

- Honey Beekeeping – maintain hives and monitor pests throughout the season with the beekeeping team and seasoned beekeeper

Recycling:

➤ Continue to promote Lebanon County's Recycling Program on a state and regional level, while keeping up to date on new and unique recycling options

- Continue to manage and update GLRA's Website and Chatbot, as well as expanding Civic Optimizes capabilities by bringing more of GLRA's paper forms officially electronic and online. In 2025, we will continue to monitor and assess these upgrades and additions to our website for efficiencies to our day-to-day operations. Such activities would include: monitoring time spent on answering inquiries from the public; making adjustments and improvements to the website; continually populating Chatbot with knowledge in answering questions from the public; and developing additional Civic Optimize electronic forms streamlining data capture, eliminating the need for manual data entry and reducing errors.

- Assess the feasibility of the implementation of countywide collection and recycling programs for additional materials, for both traditional and non-traditional materials, as opportunities arise or emerge in the industry. Mattress Recycling will be explored in 2025—evaluating infrastructure, costs, revenues, and benefits for each material and execute if possible.

- Continue to participate in DEP's Southcentral Regional Quarterly Recycling Roundtables and Webinars.

- Continue to serve in a leadership role as Vice President of the Professional Recyclers of Pennsylvania Board of Directors and Chair of the Data Management Committee; as well as serve on the PROP/DEP Education Grant Committee and the PROP Mentorship Committee in 2025.

- Promote Proper Recycling, Waste, and Organics Management in Lebanon County through programs, education and public information in an effort to improve and grow Lebanon County's recycling performance

  - Produce and Distribute 2025-2026 Edition of the Recycling Roundup/The Scoop Composting Newsletter.

  - Edit and Distribute GLRA 2025 Annual Refuse Report.

  - Build GLRA's Facebook Following to help promote GLRA's programs, boost website traffic, enhance GLRA's online presence, and increase access and direct engagement with Lebanon County residents and businesses.

  - Rebuild and encourage an education venue for integrated solid waste management practices in Lebanon County through tours and presentations with special emphasis on promoting GLRA's School Bus Scholarship Program.

  - Promote Lebanon County's Household Hazardous Waste At Home Collection Program for the entire County obtaining DEP grant funding reimbursement for Collection as well as HHW Education.

  - Continue compost education programs and initiatives with emphasis on education and outreach.

  - Conduct annual Christmas tree recycling program for the County.

  - Host a Countywide Paper Shredding Event in 2025.

- Strive for qualitative cost-effective waste and recycling services for citizens of Lebanon County and assist municipalities with associated reporting and grant applications

  - Apply for Act 101 PADEP Grants including Section 901A, 901B, 902, 903, 904, Act 190 Section 209 HHW, DEP Environmental Education, EPA, PA Cleanways, Forest Beautification, Etc.

  - Submit Lebanon County's Annual Recycling Report to DEP for Calendar Year 2024.

  - Help establish additional and maintain existing residential, commercial and drop-off recycling programs in the County.

  - Maintain exceptional quality of GLRA's compost and assess marketing and distribution strategies in 2025 with emphasis on ways to attract reliable clean sources of clean wood for GLRA's Clean Wood Recovery and Recycling Program.

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- Examine Lebanon County's existing recycling programs/performance and monitor program participation and promote the benefits and efficiencies of contracted waste. Look for increased tonnage in 2025 as a result of 2024's efforts to expand and improve upon recycling collection efficiencies through the container distribution of 5000 bins/carts and 2024's comprehensive year-long educational digital media "Recycle Right, Lebanon County" campaign.

- Assist Lebanon County municipalities, businesses, institutions, industries, and service providers in preserving and improving existing recycling programs, developing new recycling programs, and promoting waste reduction and waste minimization.

- Effectively operate, manage and supervise the collection, processing and servicing of the GLRA's Recycling Drop-Off Center. Continue to monitor for the maximization of hauling efficiencies. Execute new bin signage at GLRA's Recycling Drop-Off Center and evaluate for effectiveness in facilitating cleaner source separated materials being deposited in each of the bins and promoting what specifically DOES and DOES NOT belong in each bin.

- Effectively operate, manage and supervise the collection, processing and servicing of Electronics and Rechargeable and Single-Use Batteries, especially all Lithium batteries, for Lebanon County residents and small businesses at the GLRA Electronics Recycling Facility. Additionally, in 2025, GLRA will conduct a comprehensive year-long educational campaign (i.e., TV Ads, Digital Media Advertising, Battery Bags) specifically targeting Battery Recycling and the proper management of rechargeable and single use batteries in Lebanon County.

➢ Continue to provide exceptional recycling technical assistance and services to all stakeholders in Lebanon County

- Maintain positive working relationships between the recycling coordinator and the GLRA's recycling attendants (recycling/convenience center and electronics recycling facility) as well as open lines of communication with GLRA Staff, Managers, and Supervisors.

- Maintain strong, positive communication between the haulers, recyclers, municipal recycling coordinators and the GLRA by hosting the Annual Lebanon County Waste Hauler Meeting and also extending opportunities and outreach to connect with Lebanon County Municipal Recycling Coordinators.

- Continue to assist with the development and implementation of programs listed in the Lebanon County Solid Waste Management Plan as well as serve on the Lebanon County Solid Waste Management Plan Act 101 Advisory Committee.

- Rebuild the Recycling Reserve Fund using Act 101 Section 904 Performance Grant Funds for future recycling programs which benefit Lebanon County Residents countywide.

Attachment 1

Tonnage Trend Comparison Chart

Tonnage Trend Comparison
2022 - 2024

F:\General Administrative\Tonnage Reporting\Master Copy Area Waste Summary 2024.xlsx
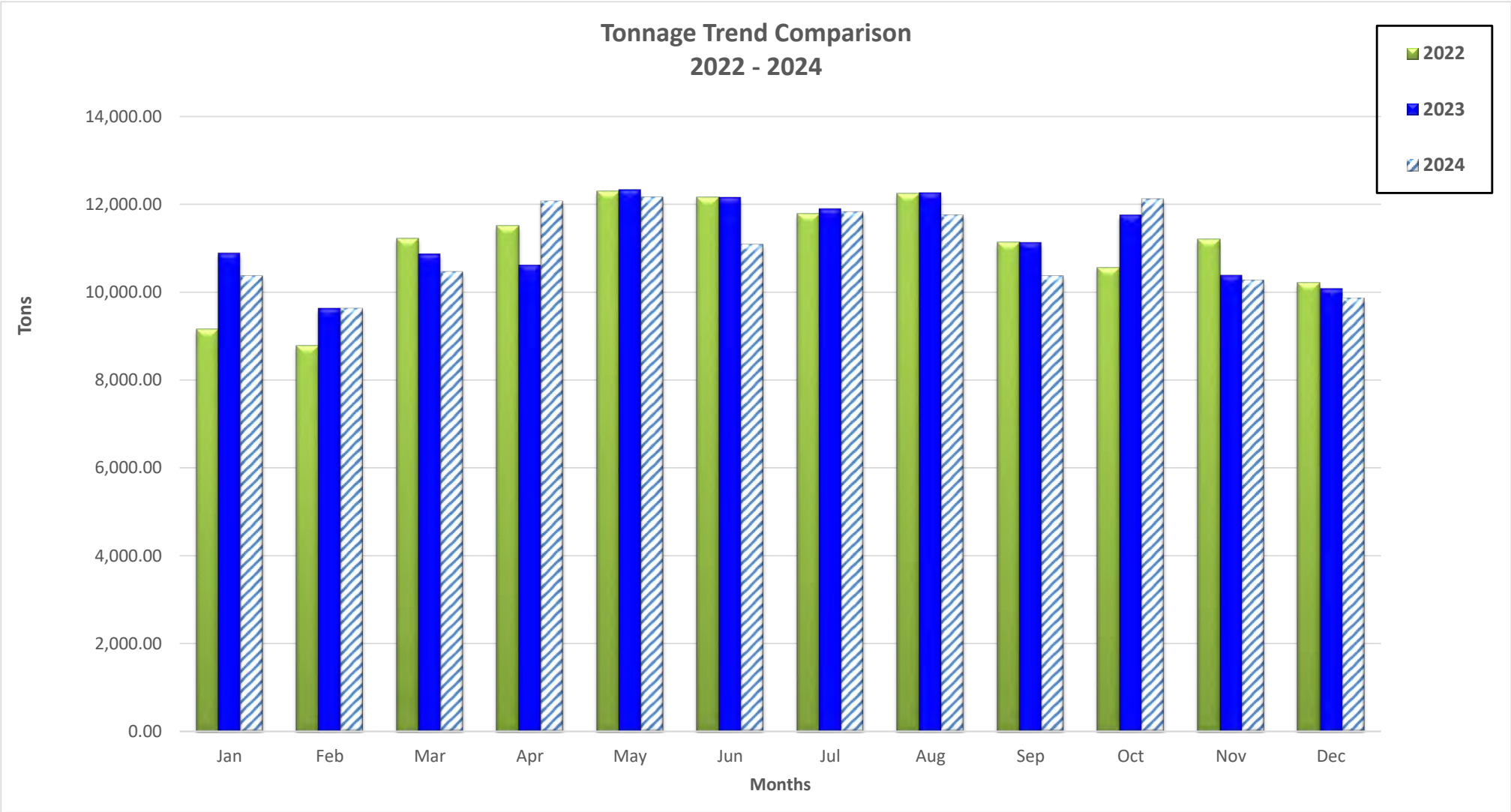
Attachment 3

Annual Tonnage Chart

Annual Tonnage
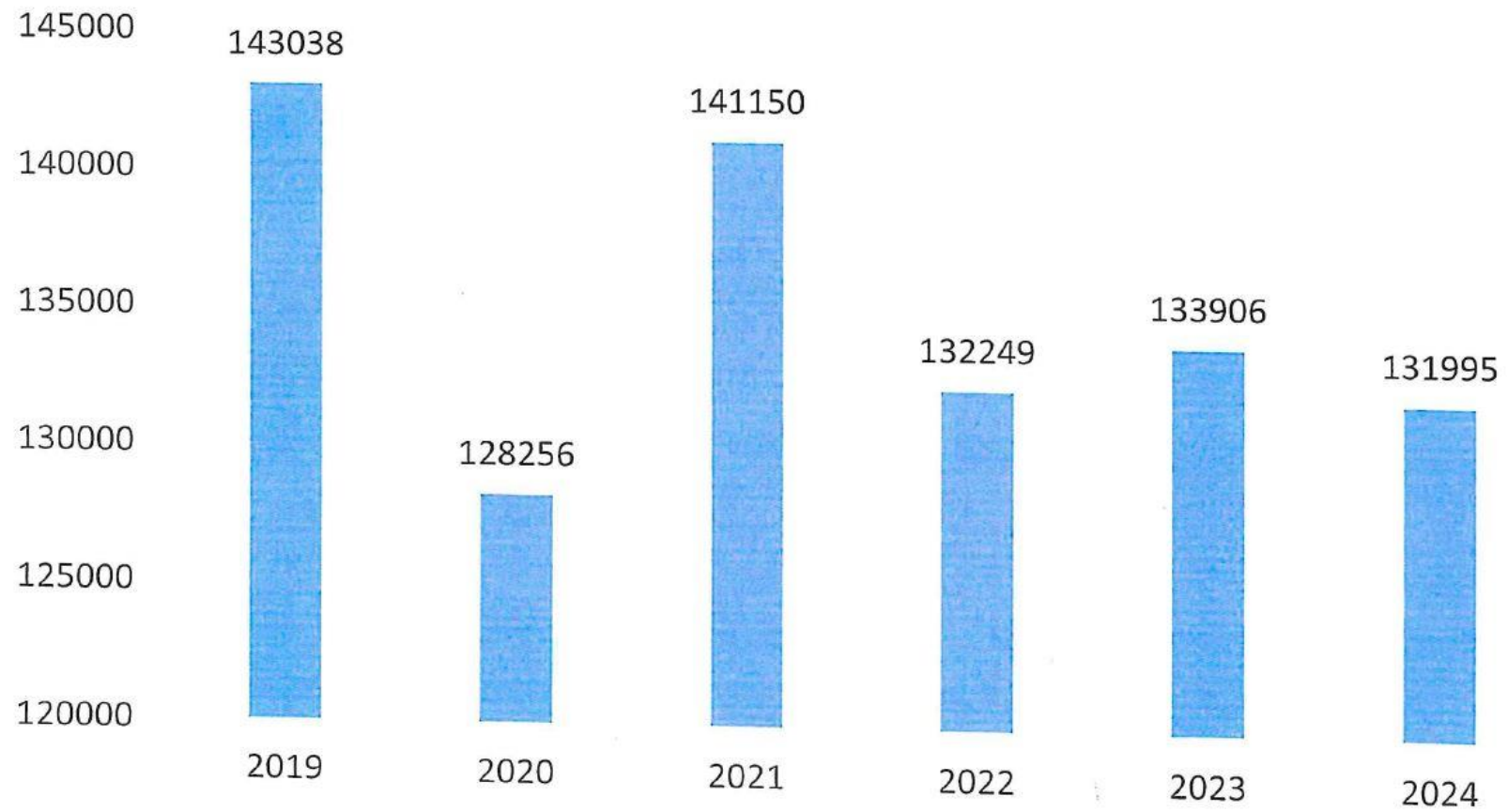
Year	Tonnage
2019	143038
2020	128256
2021	141150
2022	132249
2023	133906
2024	131995

Board Meeting: January 7, 2025
File# 2024-296

December 2024 Compliance Officer's Report

To: Robert D. Garner, Jr., Executive Director

1. **Mixing MSW & SSRM Violation** – X/S Waste Transportation submitted a request for a penalty reduction. The Regulatory Compliance Committee recommended to the full Board, to withhold the Hauler Rebate for the violation quarter, but reduce the penalty from $4,000 to $2,000 on the basis of no prior issues with the hauler, to which the Board unanimously approved. The $2,000 penalty reduction was paid in full before the due date. I will be observing X/S Waste Transportation Inc. routes in the near future to see that collection processes have been corrected in this mandated municipality.

2. **Residential Permit Tonnage** – Upon review of Residential Tonnage for the end of the year, one permit holder stood out, bringing in over 12 tons in 2024. I sent them a notification and details on how to go about obtaining a commercial permit if they are in business.

3. **Jay Street Trash Bags** – Four bags of trash were reported along the roadside of Jay Street. I located and retrieved the bags. An Operations team member looked through the bags and identified two individuals, which I reached out to about the issue. I spoke with one of them, and they identified their landlord. The landlord is a current customer with GLRA, so I called him and discussed the event as well as penalties that will incur if any further events are identified after speaking with me. I then confirmed his understanding of GLRA requirements for appropriate loading, safe hauling and tarping at source of origin. He was very apologetic and promised it would not happen again.

4. **Inch By Inch Construction** – Heidelberg Township contacted me about a complaint regarding this construction company allegedly burning on their business property that reportedly contained construction/demolition materials. I was also told that the owner lives on the same property, so I sent them an educational letter in support of the Township's correspondence. In the letter to the construction company, I notified that if further burning is reported, GLRA has penalties we may impose separate from the Township Ordinance.

December 2024 Meetings:

Compliance Meeting, December 9, 2024
Toured Northern Tier Solid Waste Authority, December 10, 2024
Employee Safety Committee Meeting, December 19, 2024

Respectfully Submitted,

Michelle Miller
Compliance Officer

OPERATIONS MANAGER'S REPORT

DECEMBER 2024

To: Robert Garner, Executive Director

GLRA Board of Directors

Landfill Operations:

DEP Inspector Laura Ellwood conducted a routine site inspection on December 2, 2024. No violations noted.

Employees picked paper throughout the landfill and on roadways leading to the landfill during the month of December.

The landfill density for November was 1384 LBS/CY, which converts to 0.692 tons/CY. The industry standard landfill density is 1350 lbs./CY, 0.675 tons/CY.

Several small seeps were identified during the month of December. These seeps were repaired. We continue to monitor two minor seeps on Pads Seven and Four.

Silt sock was installed at the borrow area property in preparation for removal of soil.

Work on the Cell 10 access road began the second week of December.

Began over fill for the closing of the active worksite.

Recycling: Completed grinding of Greenwaste.

Equipment Maintenance & Repair:

Installed a windshield on the Mini Excavator.

Repaired leaf springs on the Mechanics Service Truck.

Operations assisted in the installation of the Air Compressor at Pump Station 4/6.

Repairs began at 112 Cayuga Lane property; removal of trees, verified electrical, and heating/air conditioning.

Purchased two Trimble GPS receiver heads.

Radiation Alarms: No alarms to report this month.

Safety:

The Employee Workplace Safety Committee met on December 19, 2024, at the Maintenance Facility Office at 10:00 AM.

The next Employee Safety Committee Meeting is scheduled for Thursday, January 16, 2025.

Water/Sweeper Truck Water Usage:

Number of days used: 15   Total Gallons used: 143,000
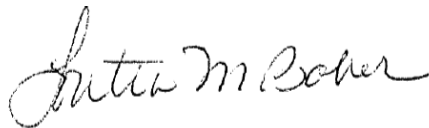
Container Hauls:

Date	Origin	Contents	Destination
11/26/2024	GLRA	Soda Bottles	Consolidated Scrap Resources, Inc.
11/26/2024	GLRA	Milk Jugs	Consolidated Scrap Resources, Inc.
11/26/2024	GLRA	Detergent Bottles	Consolidated Scrap Resources, Inc.
11/26/2024	GLRA	Newspaper	Consolidated Scrap Resources, Inc.
11/27/2024	GLRA	Scrap Metal (Cell 8)	Consolidated Scrap Resources, Inc.
11/27/2024	GLRA	Cardboard	Consolidated Scrap Resources, Inc.
12/02/2024	GLRA	Cardboard	Consolidated Scrap Resources, Inc.
12/06/2024	GLRA	Soda Bottles	Consolidated Scrap Resources, Inc.
12/06/2024	GLRA	Milk Jugs	Consolidated Scrap Resources, Inc.
12/06/2024	GLRA	Soda Cans	Consolidated Scrap Resources, Inc.
12/06/2024	GLRA	Cardboard	Consolidated Scrap Resources, Inc.
12/11/2024	GLRA	Cardboard	Consolidated Scrap Resources, Inc.
12/11/2024	GLRA	Scrap Metal	Consolidated Scrap Resources, Inc.
12/11/2024	GLRA	Freon	Consolidated Scrap Resources, Inc.
12/11/2024	GLRA	Cardboard	Consolidated Scrap Resources, Inc.
12/19/2024	GLRA	Detergent Bottles	Consolidated Scrap Resources, Inc.
12/19/2024	GLRA	Cardboard	Consolidated Scrap Resources, Inc.
12/19/2024	GLRA	Milk Jugs	Consolidated Scrap Resources, Inc.
12/24/2024	GLRA	Cardboard	Consolidated Scrap Resources, Inc.
12/27/2024	GLRA	Cardboard	Consolidated Scrap Resources, Inc.
12/31/2024	GLRA	Cardboard	Consolidated Scrap Resources, Inc.
12/31/2024	GLRA	Scrap Metal	Consolidated Scrap Resources, Inc.

<u>Meetings Attended</u>:

  LMB/ZM   December 2, 2024 – Meeting with Cleveland Brothers to review invoicing.

  LMB   December 6, 2024 – Meeting to review closure costs with Staff.

  LMB/ZM   December 10, 2024 – Site visit to Northern Tier Landfill to review Safety Program

  ZM   December 11, 2024 – Training for Confined Space, Trenching/Excavation

  LMB   December 18, 2024 – Invoicing and Surcharge discussion with CoLA and Staff.

  LMB/ZM   Monthly Gas and Leachate Meeting

  LMB/ZM   Monthly Operations Meeting

  LMB/ZM   Monthly Safety Committee Meeting

Respectfully Submitted,

Loretta M. Baker
Operations Manager

DECEMBER 2024 RECYCLING COORDINATOR'S REPORT

To: GLRA Executive Director & Authority Members   **Meeting: January 7, 2025**

I. GLRA Drop-Off Center Material

Material	Tons	Price/Ton	Revenue
Aluminum Cans	0.48	$1,260.00	$ 604.80
Freon Appliances	1.63	$ 156.80	$ 256.20
Metal Recovery	5.50	$ 156.80	$ 862.40
Corrugated Cardboard	7.21	$ 50.00	$ 332.00
Office Paper	0.90	$ 55.00	$ 49.50
Plastic Detergent Bottles	0.21	$ 0.00	$ 0.00
Milk/Water Jugs	0.37	$ 0.00	$ 0.00
Plastic Soda Bottles	0.81	$ 0.00	$ 0.00
TOTAL	**17.11**		**$2,104.90**

II. 2024 Third Quarter Hauler/Recycler Recycling Tonnage Reports
I am in receipt of the third quarter hauler/recycler recycling tonnage reports from all Lebanon County Commercial Haulers and Recyclers. Reports have been emailed to each of their respective municipalities.

III. 2024 Annual Recycling Report
Initial correspondence and the 2024 Annual Recycling Report Forms have been emailed to all Lebanon County Municipal Recycling Officials. Municipal Recycling Reports for 2024 are due to the County Recycling Coordinator by March 10, 2025.

IV. 2025 Annual Refuse Report Newsletter
We are currently working on the 2024 Refuse Report Newsletter. GLRA Staff is busy writing articles for this newsletter. After requesting print quotes for the printing of this newsletter, the low quote for printing 56,000 newsletters was submitted Graphtech of Harrisburg in the amount of $12,273.00. VERICAST will circulate the 12-page newsletter to 51,000 households via direct mail through the SAVE.COM flyer insert. The preliminary schedule for the circulation of the newsletter is Wednesday, March 12, 2025.

V. 2024-2025 Annual Christmas Tree Recycling Program

RECYCLE CHRISTMAS TREES FOR **FREE**!
December 26th to February 15th
Greater Lebanon Refuse Authority
Recycling Center on Russell Road
7:00 am to 3:50 pm Weekdays
8:00 am to 11:45 am Saturdays
Facility Closes at NOON on December 31, 2024
It's **FREE** to Lebanon County Residents!
No Decorations, Trimmings, or Paint!
Please Call With Any Questions! 717-867-5790

The Annual Christmas Tree Recycling Program is being offered again this year to Lebanon County municipalities, haulers and residents from December 26, 2024 through February 15, 2025. Radio and newspaper ads will continue to inform the public throughout the month of January and early February. All municipalities and commercial waste haulers have been extended an invitation to participate in the program at no cost if truckloads of decoration free trees are brought in.

VI. Act 101 Section 902 Recycling Program Development & Implementation Grant Application-Round 62
GLRA was awarded an Act 101 Section 902 Municipal Recycling Program Grant from the Department of Environmental Protection (DEP). The grant is in the amount of $222,222 to fund 100% of the cost of curbside recycling collection bins/lids and carts. GLRA will also purchase a brush grapple to load unprocessed green waste into the tub grinder for GLRA's Compost Facility as the 10% MATCH in the amount of $22,232.

VII. Act 101 Section 904 Performance Grant Application for the 2022 Calendar Year

Received the 2022 Act 101 Section 904 Performance Grant from the Pennsylvania Department of Environmental Protection (DEP) for the Act 101 recyclables collected in calendar year 2022. This grant, in the amount of $64,893.14, is a monetary award based on the number of tons recycled during the 2022 calendar year in the nonmandated municipalities as well as the GLRA's Recycling Drop-Off Center.

VIII. Status of Lebanon County Household Hazardous Waste at Home Collection Program

January 2024	- 26 collections	July 2024	- 52 collections
February 2024	- 22 collections	August 2024	- 52 collections
March 2024	- 26 collections	September 2024	- 54 collections
April 2024	- 26 collections	October 2024	- 29 collections
May 2024	- 26 collections	November 2024	- 79 collections
June 2024	- 52 collections	December 2024	- 26 collections

IX. Electronics Recycling Facility Collection Totals

January 2024	(Estimated)	26,400 Pounds	13.20 Tons
February 2024	(Estimated)	26,400 Pounds	13.20 Tons
March 2024	Actual	24,786 Pounds	12.39 Tons
April 2024	(Estimated)	26,400 Pounds	13.20 Tons
May 2024	(Estimated)	26,400 Pounds	13.20 Tons
June 2024	(Estimated)	52,800 Pounds	26.40 Tons
July 2024	(Estimated)	26,400 Pounds	13.20 Tons
August 2024	(Estimated)	26,400 Pounds	13.20 Tons
September 2024	Actual	28,504 Pounds	14.25 Tons
October 2024	(Estimated)	26,400 Pounds	13.20 Tons
November 2024	(Estimated)	26,400 Pounds	13.20 Tons
December 2024	(Estimated)	26,400 Pounds	13.20 Tons
2024 Year to Date	**(Estimated)**	**343,690 Pounds**	**171.85 Tons**
2023 Grand Total	(Estimated)	476,798 Pounds	238.40 Tons
2022 Grand Total	(Estimated)	360,000 Pounds	180.00 Tons
2021 Grand Total	(Estimated)	600,000 Pounds	300.00 Tons
2020 Grand Total	(Estimated)	728,000 Pounds	364.00 Tons
2019 Grand Total	(Estimated)	672,000 Pounds	336.00 Tons
2018 Grand Total	(Estimated)	660,000 Pounds	330.00 Tons
2017 Grand Total	(Estimated)	622,482 Pounds	311.25 Tons

Greater Lebanon Refuse Authority
Electronics Recycling Facility

FREE for Lebanon County Residents and SMALL Businesses

Hours to Drop-Off
Weekdays
8:00 am to 3:30 pm
Saturdays
8:30 am to 11:30 am

GLRA • 1610 Russell Road • Lebanon • (717) 867-5790
Follow the signs along Russell Road to the Facility
GLRA License NOT Required

Charge Up to Recycle®
Bring your used batteries for recycling today.
Leading the charge for recycling.™
call2recycle.org
call2recycle

X. GLRA Countywide Battery Recycling Program

GLRA accepts all rechargeable and single-use batteries for FREE at its Electronics Recycling Facility, located at 1805 Russell Road. **RECHARGEABLE BATTERIES** are commonly found in cordless power tools, cordless phones, laptops, cellphones, cameras, two-way radios, and medical equipment (portable glucose monitor, thermometer). **SINGLE-USE BATTERIES** cannot be recharged and must be disposed of once they wear out. Single-Use batteries are most commonly used in low-drain devices, such as flashlights, clocks, watches, remote controls, smoke detectors, keyless entry remotes, toys, and hearing aids.

EACH individual battery **MUST BE** under **11 POUNDS** to be accepted, and **EACH** individual battery **MUST BE** placed in an **INDIVIDUAL** clear plastic storage/Ziplock bag. Bagging is the quickest and easiest way to protect battery terminals. Remember **ONLY ONE** battery per clear storage bag! No matter how tedious that sounds, that is the rule if you want to recycle your batteries for **FREE**. Plastic Bags are **AVAILABLE** for residents at our battery recycling station located in the Electronics Recycling Facility at 1805 Russell Road in North Lebanon Township. **To date we have collected 8,741.5 pounds or 4.37 tons of batteries!**

XI. Loading Hours for Plant Bedding and Wood Mulch
ONLY PLANT BEDDING is available at this time. GLRA's Compost Facility charges **$12** per cubic yard.

GLRA DAILY LOADING HOURS:
Monday	8:00 am to 11:00 am
Tuesday	8:00 am to 11:00 am
Wednesday	8:00 am to 11:00 am
Thursday	8:00 am to 11:00 am
Friday	8:00 am to 11:00 am
Saturday	8:30 am to 11:30 am

- Individuals desiring large quantities (5+ cubic yards) may schedule a special time for loading
- Bulk deliveries of **PLANT BEDDING ONLY** are available with a minimum purchase of 10 cubic yards and a $30 delivery fee.

XII. GLRA Website Activity for December 2024

WWW.GOGLRA.ORG   DECEMBER 2024 WEBSITE CTIVITY
2,796 visits
5,818 pageviews
1 min 39 sec average visit duration
1,897 new users (first time visitors)

XIII. GLRA Website Chatbot, Rich E. Soil, December 2024 Analytics
GLRA's Chatbot, Rich E. Soil, the AI-based digital assistant to our website, processes visitor requests in real time providing prompt responses and valid answers 24/7.

During the month of December, Rich E. Soil was asked **210 questions** with **190 self-service resolutions/answers**. The **20 unknown resolutions** were either trained to answer correctly for future inquiries or dismissed because either the user did not ask a valid question or the user misspelled words that were keywords to information that was already programmed and existing within Rich E.'s response database.
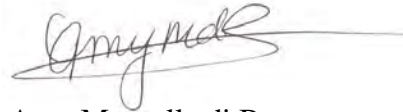
XIV. GLRA Facebook Activity for December 2024

FACEBOOK INSIGHTS DECEMBER 2024	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**
Total Page Followers	381	386	389	393	408	420
New Page Followers	7	5	3	4	15	12
People Reached (# of people who have seen our posts)	4806	3340	1802	1528	3764	3450
Post Engagements (#of people who liked/commented/interacted with our posts)	449	376	248	134	356	381

XV. Other Meetings and Activities

Dec 2-   Recorded Xmas Tree Recycling Commercial at WLBR AM Radio|WFVY FM Radio

Dec 3-   Meeting with Casella Waste RE: Mattress Recycling via Microsoft Teams

                  GLRA Authority Meeting

Dec 6-   PROP Executive Committee Meeting via Telephone Conference Call

Dec 9-   Enforcement Meeting with GLRA Compliance Officer and GLRA Executive Director

Dec 11-   Call2Recycle Charge Up Safety! Training Online Course

Dec 13-   PROP Executive Committee Meeting via Telephone Conference Call

                  GLRA Employee Holiday Luncheon

                  Statewide Corporate Recycler Telephone Conference Call Meeting with First National Bank

Dec 16-   Meeting with GLRA Executive Director and Engineers to discuss 2025 Internships

Dec 19-   PROP 2025 Conference Venue Planning Meeting via ZOOM

Respectfully Submitted,

Amy Mazzella di Bosco
Recycling Coordinator

RECYCLING COORDINATOR'S 2024 CALENDAR YEAR SUMMARY REPORT

I. OVERALL PERFORMANCE

The following are some of the responsibilities and duties that the County Recycling Coordinator position has involved: coordinating recycling activities for the GLRA and for Lebanon County; applying for and securing Act 101 Section 901, 902, 903 and 904 grants from the DEP; providing preparing and distributing all GLRA publications, public service announcements and advertisements; securing funding to provide necessary collection and processing equipment for Lebanon County recycling and composting programs, administering and facilitating the redesign and additions to the website; serving as an aggressive solid waste management and recycling educator for people of all ages; serving as a liaison between the haulers, the material recovery processors and municipal recycling officials in the County; providing technical assistance to Lebanon County municipalities and businesses; coordinating the At Home Collection Program of Household Hazardous Waste for Lebanon County residents; managing the GLRA Electronics Recycling Facility; operating a county-wide battery collection program; facilitating the successful operation of GLRA's County Compost Facility and year-round plant bedding and wood mulch sales; serving as President of the Board of Directors and Chair of the Data Management Committee for the Professional Recyclers of Pennsylvania (PROP); enforcing and upholding all GLRA rules and regulations for solid waste management; and holding a supervisory role over 5 GLRA part-time recycling/convenience center attendants, 1 full-time GLRA recycling attendant/laborer, and 1 full-time electronics recycling attendant. I have focused my objectives on obtaining funding for the implementation of the above stated recycling programs and activities that would have a positive and lasting effect on Lebanon County as a whole. It is through the successful utilization of the Act 101 Grant Program that the GLRA is able to assist with and provide various recycling programs and activities vital to Lebanon County's success in recycling.

Lebanon County continues to exceed the Pennsylvania recycling goal of 35% by 2003. Lebanon County's program, administered by GLRA, initially achieved the 35% level in 1998, and has performed above this level for the past twenty-seven years. While there have been some difficulties due to markets and other issues, the status of having 18 out of 26 municipalities with a municipal curbside recycling program and an additional 2 municipalities with drop-off programs illustrates a positive outlook that the County's recycling performance will continue to improve. Listed below are Lebanon County's recycling rates for the past ten years:

2012 – 52%	**2014 – 49%**	**2016 – 47%**	**2018 – 47%**	**2020 – 47%**	**2022 – 45%**
2013 – 50%	**2015 – 49%**	**2017 – 47%**	**2019 – 48%**	**2021 – 46%**	**2023 – 44%**

II. RECYCLING TONNAGES AT GLRA'S SAVINGS & CONVENIENCE CENTER

2013 TOTAL 146.27 tons	**2019 TOTAL 220.11 tons**
2014 TOTAL 184.40 tons	**2020 TOTAL 293.12 tons**
2015 TOTAL 196.18 tons	**2021 TOTAL 401.48 tons**
2016 TOTAL 193.65 tons	**2022 TOTAL 389.35 tons**
2017 TOTAL 225.04 tons	**2023 TOTAL 368.61 tons**
2018 TOTAL 229.11 tons	**2024 TOTAL 342.36 tons****

All of these figures do not include green waste, leaves, Christmas trees or clean wood

**2024 Total DOES NOT include Magazines/Catalogs(report comes mid-January from CSR-Brandywine)

Recycling Trend for GLRA Saving & Convenience Center 2013-2024
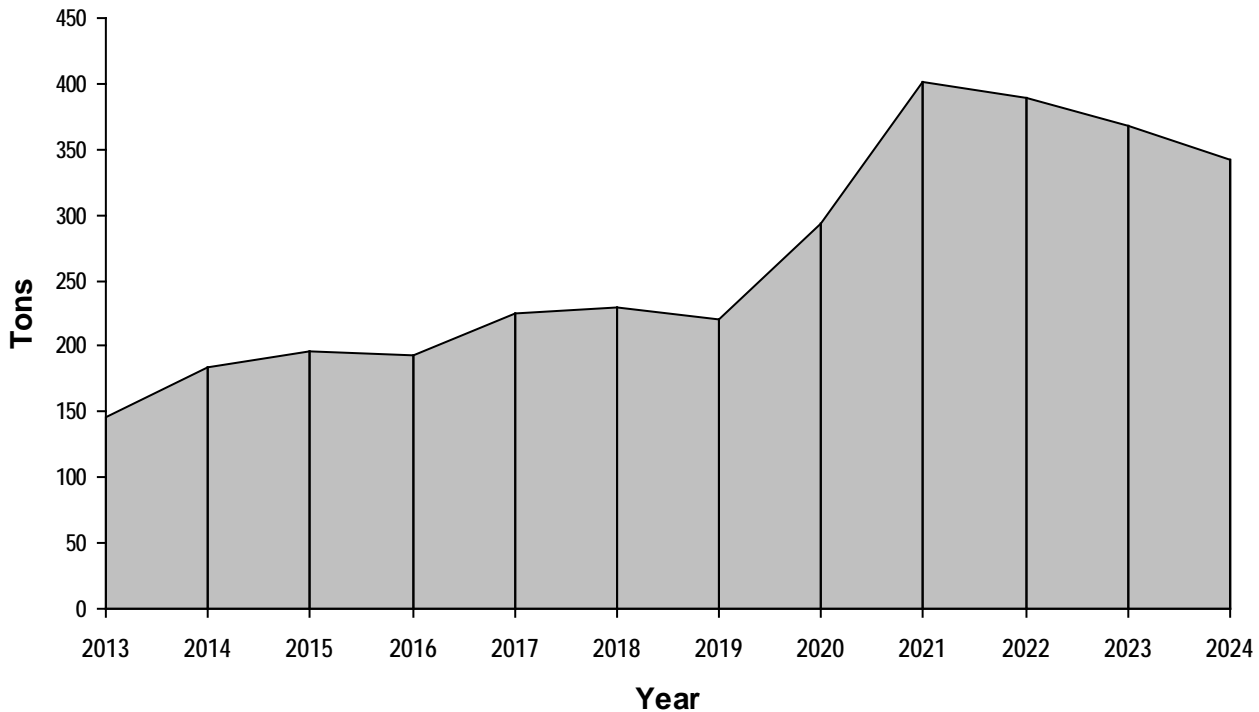
III. PLANT BEDDING AND WOOD MULCH SALES ANNUAL COMPARISONS

PLANT BEDDING / WOOD MULCH SALES COMPARISONS			
YEAR	CUBIC YARDS	PRICE PER CY	REVENUE
2011	450	$12.00	$ 5,400.00
2012	954	$12.00	$11,448.00
2013	955	$12.00	$11,460.00
2014	617	$12.00	$ 7,404.00
2015	995	$12.00	$11,940.00
2016 (Only Wood Mulch Available & Sold)	610	$12.00	$ 7,320.00
2017 (Only Wood Mulch Available & Sold)	835	$12.00	$10,020.00
2018	828	$12.00	$ 9,936.00
2019 (All Sold Out in Oct)	730	$12.00	$ 8,760.00
2020 (COVID-19 Closure mid-March to mid-May)	443	$12.00	$ 5,316.00
2021	531	$12.00	$ 6,372.00
2022	742	$12.00	$ 8,904.00
2023 (Only Plant Bedding Available & Sold)	336	$12.00	$ 4,032.00
2024 (Only Plant Bedding Available & Sold)	334	$12.00	$ 4,008.00

IV. AT HOME HOUSEHOLD HAZARDOUS WASTE (HHW) COLLECTION PROGRAM

Since May 2001, GLRA has sponsored a year-round At Home Household Hazardous Waste (HHW) Collection Program. In May 2002, Lebanon County added the collection of electronics to this At Home Collection Program. The collection of electronics was dropped in August 2012 when GLRA opened its own electronics recycling collection facility earlier that year. In July 2024, GLRA was granted approval by the Department of Environmental Protection (DEP) to extend the program for another four years to August 1, 2028. Through DEP Act 190 Grant Funding, 50% of the cost of this program is reimbursed.

Following are participation and tonnage rates for the County's HHW collection program for the past 24 years:

SUMMARY OF DOOR-TO-DOOR HHW/ELECTRONICS COLLECTIONS IN LEBANON COUNTY

Year	Participation	Pounds	Tons
2001	332 residents participated	35,311 pounds of HHW/E-Waste	17.66 tons of HHW/E-Waste
2002	199 residents participated	25,307 pounds of HHW/E-Waste	12.70 tons of HHW/E-Waste
2003	292 residents participated	35,306 pounds of HHW/E-Waste	17.65 tons of HHW/E-Waste
2004	488 residents participated	63,154 pounds of HHW/E-Waste	31.58 tons of HHW/E-Waste
2005	696 residents participated	75,749 pounds of HHW/E-Waste	37.88 tons of HHW/E-Waste
2006	755 residents participated	63,799 pounds of HHW/E-Waste	31.90 tons of HHW/E-Waste
2007	855 residents participated	65,992 pounds of HHW/E-Waste	33.00 tons of HHW/E-Waste
2008	963 residents participated	72,940 pounds of HHW/E-Waste	36.47 tons of HHW/E-Waste
2009	946 residents participated	81,962 pounds of HHW/E-Waste	40.98 tons of HHW/E-Waste
2010	1042 residents participated	81,711 pounds of HHW/E-Waste	40.86 tons of HHW/E-Waste
2011	639 residents participated	87,784 pounds of HHW/E-Waste	43.90 tons of HHW/E-Waste
2012	390 residents participated	44,978 pounds of HHW/E-Waste	22.49 tons of HHW/E-Waste
2013	353 residents participated	26,290 pounds of HHW	13.15 tons of HHW
2014	384 residents participated	25,814 pounds of HHW	12.91 tons of HHW
2015	536 residents participated	32,959 pounds of HHW	16.48 tons of HHW
2016	352 residents participated	24,037 pounds of HHW	12.02 tons of HHW
2017	369 residents participated	25,003 pounds of HHW	12.50 tons of HHW
2018	471 residents participated	22,454 pounds of HHW	11.23 tons of HHW
2019	410 residents participated	19,478 pounds of HHW	9.74 tons of HHW
2020	527 residents participated	40,901 pounds of HHW	20.45 tons of HHW
2021	556 residents participated	46,558 pounds of HHW	23.28 tons of HHW
2022	419 residents participated	39,584 pounds of HHW	19.80 tons of HHW
2023	456 residents participated	38,834 pounds of HHW	19.42 tons of HHW
2024	**470 residents participated**	**41,958 pounds of HHW**	**20.98 tons of HHW**

V. GLRA'S ELECTRONICS RECYCLING FACILITY

GLRA's Electronics Recycling Facility has experienced a non-stop flow of electronics ever since opening its doors on January 16, 2012. On September 14, 2022, we moved our Ewaste collection into its newly constructed home located at 1805 Russell Road! GLRA sends out a tractor trailer load of electronics one or two times per month to its recycler, JVS Environmental in Western, Pennsylvania.
In 2024, GLRA collected 343,690 pounds which is 171.85 tons of electronics.

GLRA added a Countywide Battery Recycling Collection Program to its Electronics Recycling Facility in October 2022. **From October 2022 through December 2024, GLRA has collected 8,741.5 pounds or 4.37 tons of rechargeable and single-use batteries.**

VI. TECHNICAL ASSISTANCE TO MUNICIPALITIES

An important part of my position is dedicated to providing technical assistance to the 18 municipalities with curbside recycling programs and the 2 municipalities with recycling drop-off programs. I provide guidance in 902 and 904 grant preparations and disbursements, annual reporting, curbside and drop-off recycling program implementation, ordinance review, enforcements, education and public outreach. I feel that technical assistance is one of the most important duties as County Recycling Coordinator.

VII. RECYCLING GRANTS, EDUCATION, AND AWARDS
New Recycling Grant Applications

GLRA was awarded an Act 101 Section 901B Household Hazardous Waste Education Grant from the Department of Environmental Protection (DEP) in 2024. This grant provides $58,864 in funding to promote Lebanon County's Household Hazardous Waste Program using both newspaper and radio advertising for Calendar years 2024 and 2025.

GLRA applied for and was awarded an Act 101 Section 903 County Recycling Coordinator Grant from the Department of Environmental Protection in the amount of $78,031.90. This grant reimburses GLRA for 50% of the salary, benefits and expenses of the County Recycling Coordinator for the 2023 calendar year.

GLRA applied for an Act 101 Section 904 Performance Grant Application for Calendar Year 2023 from the Department of Environmental Protection (DEP) in 2024. This grant is a monetary award based on the number of tons recycled during the 2023 calendar year in the nonmandated municipalities as well as the GLRA's Savings Center. This grant is still pending DEP's review and award.

Education
Recycling and composting publications, such as the *Recycling Roundup* and *The Scoop,* a combined informative guide reaching Lebanon County's 51,000 households with important recycling and composting information specific to Lebanon County was distributed in September 2024. The referral and feedback of this newsletter from Lebanon County residents throughout the entire year indicates the popularity and usefulness of this resource.

The GLRA continues to provide an up-to-date website with information on all our services at the touch of a button. The website is a powerful tool we constantly maintain to keep the most current information available to Lebanon County residents and businesses 24/7. GLRA's website had a complete redesign in 2023 and was reformatted to the most up-to-date platform. The website is easy, functional and user-friendly. GLRA also added Chatbot in 2023, an AI based digital assistant to process visitor requests in real time providing prompt responses and valid answers 24/7. The Chatbot, Rich E. Soil, has been a great addition to the website giving residents 24/7 answers to common everyday questions on GLRA's services, trash and recycling. GLRA also added Civic Optimize which will allows GLRA to bring day to day paper processes and forms legally online. In 2023, three of our original paper forms were developed into an online form/application: the Commercial Hauler License Application, the Application for Employment, and the Commercial Credit Account Application. This has allowed GLRA to streamline paper processes making them accessible in real-time, reducing all the paper copies, and eliminating postage costs.

GLRA continues to sponsor a Tour Scholarship Program to offer 30 school tour scholarships each year to cover 100% of the cost of bus transportation to and from the landfill. Students in classrooms from grades 1-12 are eligible for this scholarship. Applicants must represent a school in Lebanon County and must agree to complete a project in conjunction with participating in the field trip to the Greater Lebanon Refuse Authority. The project must promote environmental management of municipal solid waste and must be completed within the same school year as the field trip. GLRA is finally starting to see its Tour Scholarship Program rebound with many schools reestablishing field trips to the landfill as part of their curriculum post-pandemic. It has been refreshing to experience our Tour Scholarship Program continue to progress back into the program it was prior to March 2020, and I am excited for 2025!

VIII. 2024 PROFESSIONAL DEVELOPMENT/TRAINING ACCOMPLISHMENTS

January 2024   PROP/DEP Grants, Databases and Mentors Roundtable Meeting – Virtual
February 2024   PROP/DEP Annual Reporting Roundtable Meeting – Virtual
March 2024   Attended National Recycling Congress Virtual Conference – Virtual
March 2024   PROP/DEP Lunch and Learn Certification Meeting on 902 Grants – Virtual
April 2024   GLRA Staff Team Development Training Day – In-Person
April 2024   National Recycling Coalition Webinar: Social Media 101 for Nonprofits – Virtual
June 2024   Instructional CivicPlus Website Alignment Review – Virtual
June 2024   Call2Recycle® Charge Up Safety Refresher Training – In-Person
June 2024   PROP/DEP 901 Grant & HHW Reimbursement Grant Roundtable Meeting – Virtual
June 2024   DEP Solid Waste Advisory/Recycling Fund Advisory Committee Meeting – Virtual
July 2024   PROP 34th Annual Recycling & Organics Conference – In-Person
- Setting Boundaries/Conflict Resolution
- Battery Recycling/Management
- EPA Grants Update
- Electronics Session: What Changed in the Last 10 Years

August 2024   GLRA Annual Mandatory Battery Recycling Safety Training – In-Person
October 2024   DEP Solid Waste Advisory/Recycling Fund Advisory Committee Meeting – Virtual
October 2024   PROP/DEP 2024 Annual Report Forms Training Webinar – Virtual
November 2024 PROP Board of Director Training – In-Person
November 2024 NRC Congress and NYSAR3 35th Annual Conference & Trade Show – Virtual
December 2024 Call2Recycle® Charge Up Safety Training – Virtual

On January 1, 2024, I began another recertification cycle for my Senior Certified Recycling Professional (SCRP) Certification in which I will have to attain 3.0 CEUs (30 credit hours) over the next 3 years (2024, 2025, 2026) in order to maintain my Senior Certified Recycling Professional Certification. Throughout 2024, I was able to complete 2.05 CEUs or 20.5 credit hours. The certification program has been designed to offer educational training objectives that promote the establishment of high professional standards for recycling and solid waste managers in both the public and private sector in Pennsylvania as well as provide for professional management development training opportunities for Senior Certified Recycling Professionals.

IX. CONCLUSION

To conclude, GLRA continues to work hard to educate the public on the importance of recycling and sound solid waste management techniques. In 2024, as we continue to navigate a post-pandemic new normal, GLRA is seeing a consistent increase in requests for onsite tours and offsite guest speaking engagements. GLRA continues to utilize these methods of education and outreach, both in-person and virtual, which include tours, presentations, webinars, newsletters, social media, advertisements, and public service announcements, reaching people of ALL ages. As we look back upon the recycling programs, the efforts, the technical assistance, and the recycling education in 2024, we see the many accomplishments the GLRA has achieved on behalf of and for the benefit of the people of Lebanon County.

On a more personal note, thank you to the Authority Board of Directors and GLRA Staff for the support and opportunity by providing the resources key to performing this job effectively.

X. DETAILED PROJECT TABLE AND CURRENT PROJECT STATUS

Project	Status	Project	Status
1. 902 Recycling Implementation Grant submitted in May 2024 In the amount of $222,222 **AWARDED NOVEMBER 2024**	◆	12. Assess and implement, if feasible, a countywide collection and recycling program exploring the infrastructure, costs, revenues, and benefits of their recyclability	◆
2. 903 Grant for 2023 **TOTAL $78,031.90**	X	13. Publish Advertisements/ PSAs to local Newspapers, Radio and TV Stations	X
3. 904 Grants Submitted 2021 904 Grant • **RECEIVED 3/24 $82,714.54** Submitted 2022 904 Grant • **RECEIVED 12/24 $64,893.14** Submitted 2023 904 Grant • **AWARD PENDING**	X	14. Maintain strong positive communication with haulers, recyclers, municipal recycling coordinators and GLRA	X
4. Submit 2023 DEP Annual Report for Lebanon County	X	15. Work with GLRA's Development Relations Committee on Public Relations and Recycling Projects as Needs Arise	X
5. 2024-2025 Edition of the Recycling Roundup/Scoop	X	16. Rebuild/encourage education thru tours/presentations to students/groups/organizations---i.e., Tour Scholarships	◆
6. 2024 Edition of the Refuse Report	X	17. Produce brochures/advertisements to educate and inform the public as needed	X
7. Secure 4-Year Contract and DEP Collection and Education Grant Funding for Lebanon County's At Home Collection of Household Hazardous Waste **2024 HHW Grants Received:** **TOTAL $35,637.00 - Collections** **TOTAL $24,776.88 - Education**	X	18. Participate in DEP's South-Central Quarterly Recycling Roundtables	X
8. Manage/Update GLRA website using 2023 platform upgrades & software additions adding efficiencies to daily operations	X	19. Maintain exceptional quality, marketability and distribution of GLRA's compost in 2024	X
9. Conduct Annual Christmas Tree Recycling Program	X	20. Continue composting education & outreach programs	X
10. Establish/maintain existing residential, commercial and drop-off recycling programs in Lebanon County	X	21. Update and create literature brochures on GLRA	X
11. Maintain positive working relationships with recycling attendants, GLRA staff, managers, and supervisors	X	22. Assist/serve in development and implementation of programs in Lebanon County's Solid Waste Management Plan securing 901A Planning Grant Funding if applicable	X

X = PROJECT COMPLETED   ◆ = PROJECT ONGOING

Project	Status	Project	Status
23. Assist Lebanon County municipalities, businesses, institutions, industries, and service providers in preserving and improving existing recycling programs, developing new recycling programs, and promoting waste reduction/waste minimization	X	30. Examine Lebanon County's existing recycling programs and look at ways to improve and boost efforts to increase program participation	X
24. Strive to be an effective supervisor and project manager	X	31. Serve as President for the Professional Recyclers of Pennsylvania Board of Directors as well as Chair of the Data Management Committee in 2024	X
25. Apply for other applicable grants as opportunities and needs arise---	X	32. Host a Countywide Paper Shredding Event in 2024	X
26. Expand educational opportunities to college students by through internships dually benefitting both students and GLRA	X	33. Coordinate the 2023 Statewide Distribution of the 42 Corporate Recycling Reports to PA Counties	X
27. Continue to effectively manage the fiscal budget of the county's recycling program	X	34. Effectively operate, manage and supervise the collection, processing and servicing of Electronics and both Rechargeable and Single-Use Batteries for Lebanon County residents and small businesses at the GLRA Electronics Recycling Facility	X
28. Maintain Senior Certified Recycling Professional (SCRP) status by completing 3.0 CEUS (30 hours) of Professional Recycler of Pennsylvania approved credit courses every three years	X	35. Effectively operate, manage, supervise the collection, processing and servicing of the GLRA's Recycling Drop-Off Center. Continue monitoring the maximization of hauling efficiencies. Improve and replace roll-off bin signage to facilitate collection of cleaner source separated materials with emphasis on clearer more specific signage as to what DOES and DOES NOT belong in each bin.	◆
29. Continue to broaden professional development skills when opportunities arise for continuing education training in areas of leadership and supervisory management, as well as finance and business management.	X	36. Rebuild the Recycling Reserve Fund using Act 101 Section 904 Performance Grant Funds for future recycling programs which benefit Lebanon County Residents countywide	X

X = PROJECT COMPLETED   ◆ = PROJECT ONGOING

RECYCLING GOALS FOR 2025***

1. Apply and Submit for an Act 101 Section 902 Education and Equipment Grant if offered by DEP.

2. Apply and Submit for an Act 101 Section 903 Coordinators Grant for Calendar Year 2024.

3. Apply and Submit for an Act 101 Section 904 Performance Grant for Calendar Year 2024.

4. Submit Lebanon County's Annual Recycling Report to DEP for Calendar Year 2024.

5. Produce and Distribute 2025-2026 Edition of the Recycling Roundup/*The Scoop* Composting Newsletter.

6. Edit and Distribute GLRA 2025 Annual Refuse Report.

7. Promote Lebanon County's Household Hazardous Waste At Home Collection Program for the entire County obtaining DEP grant funding reimbursement for Collection as well as HHW Education.

8. Manage, update, and expand upon GLRA's website, utilizing the platform upgrades and the software additions to GLRA's website adding efficiencies to our day-to-day operations.

9. Build GLRA's Facebook Following to help promote GLRA's programs, boost website traffic, enhance GLRA's online presence, and increase access and direct engagement with Lebanon County residents and businesses.

10. Conduct annual Christmas tree recycling program for the County.

11. Help establish additional and maintain existing residential, commercial and drop-off recycling programs in the County.

12. Maintain positive working relationships between the recycling coordinator and the GLRA's recycling attendants (recycling/convenience center and electronics recycling facility) as well as open lines of communication with GLRA Staff, Managers, and Supervisors.

13. Assess the feasibility of the implementation of countywide collection and recycling programs for additional materials, for both traditional and non-traditional materials, as opportunities arise or emerge in the industry. Mattress Recycling will be explored in 2025---evaluating infrastructure, costs, revenues, and benefits for each material and execute if possible.

14. Publish recycling advertisements and bulletins, as needed, in local newspapers and distribute public service announcements (PSA's) to local radio and television stations.

15. Maintain strong, positive communication between the haulers, recyclers, municipal recycling coordinators and the GLRA by hosting the Annual Lebanon County Waste Hauler Meeting and also extending opportunities and outreach to connect with Lebanon County Municipal Recycling Coordinators.

16. Work with Development Relations Committee on public relations and recycling projects as needs arise.

17. Rebuild and encourage an education venue for integrated solid waste management practices in Lebanon County through tours and presentations with special emphasis on promoting GLRA's School Tour Bus Scholarship Program.

18. Produce brochures/advertisements to educate and inform the public as needed.

19. Continue to participate in DEP's Southcentral Quarterly Recycling Roundtables and Webinars.

20. Maintain exceptional quality of GLRA's compost and assess marketing and distribution strategies in 2025 with emphasis on ways to attract reliable clean sources of clean wood for GLRA's Clean Wood Recovery and Recycling Program.

21. Continue compost education programs and initiatives with emphasis on education and outreach.

22. Update and create, as needed, all brochures and literature on the GLRA, its facilities and programs.

23. Continue to assist and serve in the development and implementation of programs listed in the Lebanon County Solid Waste Management Plan as well as serve on the Lebanon County Solid Waste Management Plan Act 101 Advisory Committee and apply for and secure 901A Planning Grant Funding when applicable.

24. Assist Lebanon County municipalities, businesses, institutions, industries, and service providers in preserving and improving existing recycling programs, developing new recycling programs, and promoting waste reduction and waste minimization.

25. Strive to be an effective supervisor and project manager.

26. Apply for any other applicable grants as the need arises... (901 Planning Grants, DEP Environmental Education, EPA, EPA Education, PA Cleanways, Forest Beautification, Etc.) With direction to watch for educational grant opportunities to support the Renewable Energy Education Facility in GLRA's Landfill Gas-to-Energy Facility.

27. Expand educational opportunities to college students by sponsoring internships, which will dually benefit the students and the GLRA.

28. Strive to effectively manage the fiscal budget for the County's recycling program.

29. Maintain Senior Certified Recycling Professional (SCRP) status by completing 1.5 CEUs or fifteen hours of Professional Recycler of Pennsylvania (PROP) approved credit courses every 3 years.

30. Continue to broaden professional development skills when opportunities arise for continuing education training in areas of leadership and supervisory management, as well as finance and business management.

31. Examine Lebanon County's existing recycling programs/performance and monitor program participation and promote the benefits and efficiencies of contracted waste. Look for increased tonnage in 2025 as a result of 2024's efforts to expand and improve upon recycling collection efficiencies through the recycling collection container distribution of 5000 bins/carts and 2024's comprehensive year-long educational digital media "Recycle Right, Lebanon County" campaign.

32. Continue to serve in a leadership role as Vice President of the Professional Recyclers of Pennsylvania Board of Directors and Chair of the Data Management Committee; as well as serve on the PROP/DEP Education Grant Committee and the PROP Mentorship Committee in 2025.

33. Host a Countywide Paper Shredding Event in 2025.

34. Coordinate the Statewide Distribution of the 42+ Corporate Recycling Reports to Pennsylvania Counties and Municipalities.

35. Effectively operate, manage and supervise the collection, processing and servicing of Electronics and Rechargeable and Single-Use Batteries, especially all Lithium batteries, for Lebanon County residents and small businesses at the GLRA Electronics Recycling Facility. Additionally in 2025, GLRA will conduct a comprehensive year-long educational campaign (i.e., TV Ads, Digital Media Advertising, Battery Bags) specifically targeting Battery Recycling and the proper management of rechargeable and single use batteries in Lebanon County.

36. Effectively operate, manage and supervise the collection, processing and servicing of the GLRA's Recycling Drop-Off Center. Continue to monitor for the maximization of hauling efficiencies. Execute new bin signage at GLRA's Recycling Drop-Off Center and evaluate for effectiveness in facilitating cleaner source separated materials being deposited in each of the bins and promoting what specifically DOES and DOES NOT belong in each bin.

37. Rebuild the Recycling Reserve Fund using Act 101 Section 904 Performance Grant Funds for future recycling programs which benefit Lebanon County Residents countywide.

***These objectives are not listed in ranked order of importance**

January 7, 2025

To: Robert D. Garner, Executive Director

Subject: Engineering Summary Report for December 2024

PROJECTS, CURRENT

Heilmandale Expansion

The GLRA has created a fill plan to outline the critical steps needed to complete the Schilling Landfill and fully move operations over to the Heilmandale Expansion. It is expected that this process, including design/construction of Cell 9 and the second round of final capping on the Schilling Landfill will take until the end of 2027.

Tank T-100 Refurbishing

The Tank T-100 refurbishing project is scheduled for summer of 2025. This will allow completion of the "fluff" layer of waste on Cell 8 and coincide with the statistically driest time of year. Both of these factors will help mitigate leachate production during this sensitive operation.

Scalehouse Feasibility Study

The GLRA has received a draft version of the feasibility study related to potential scalehouse locations and amenities. This report will become the guide for future planning.

Leachate Pretreatment Study

The GLRA has received a draft version of the feasibility study related to potential leachate pretreatment options. This report will become the guide for future planning.

Operational/Housekeeping
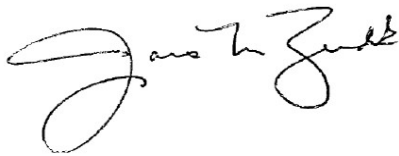
Storing additional leachate in Tank T-100 seems to have had the desired effect of preventing clogs in the gravity pipeline from Tank T-100 to VV3 to the Blower Pump Station. The situation will continue to be monitored, but as of right now additional cleanings or piping improvements are not necessary.

The air compressor for the Shilling Landfill Vertical wells has been installed and inspected for the Pennsylvania Department of Labor and Industry. Leachate can now be pumped from vertical wells as needed 24 hours a day.

Permits

The GLRA is scheduled for our five (5) year NMOC Tier II Testing of our gas collection system on January 8th and 9th.

Submitted by,

James M. Zendek, P.E.
Engineering Manager

Attachments: Meeting, Seminars, Education Log, and Leachate Flow Report

MEETINGS, SEMINARS, EDUCATION:

1. December 5: The GLRA met with representatives from Steckbeck Engineering and Precision Plumbing about toilet flushing concerns in the new Maintenance Facility.

2. December 11: The GLRA staff attended annual confined space/trenching safety training.

3. December 18: The GLRA met with representatives from CoLA to discuss transitioning to the new surcharge billing structure.

4. December 19: The GLRA met with representatives from SCS to discuss the draft scalehouse feasibility study.

Leachate Flows to the City of Lebanon Authority (CoLA) Wastewater Treatment Plant

Monthly Report		Year-end report (2023)	
Total flow for the month (gal)	1,080,865	Total flow for the year (gal)	12,102,931
Year to date total (gal)	17,876,534	Peak monthly flow - year (gal/mo)	2,102,334
Average daily flow – month (gpd)	34,867	Peak daily flow - year (gpd)	177,409
Average daily flow - year (gpd)	48,843	Average monthly flow – year (gal/mo)	1,008,578
Peak daily flow - month (gpd)	161,048		
Rainfall for the month (in)	3.27	Average daily flow - year (gpd)	33,159
Rainfall for the year (in)	39.72	Total Rainfall – year (in)	36.63

Leachate Flows from Pad 1 through 8

Monthly Report for primary pumps		Year-end report for primary pumps (2023)	
Total flow for the month (gal)	1,227,269	Total flow for the year (gal)	8,709,889
Year to date total (gal)	14,700,683	Peak monthly flow – year (gal)	1,432,410
Average daily flow – month (gal)	39,589	Average monthly flow – year (gal/mo)	725,824
Peak daily flow - month (gpd)	245,018	Peak daily flow for the year	240,376
		Average daily flow for the year	23,797

Monthly Report for decant pumps		Year-end report for decant pumps (2023)	
Total flow for the month (gal)	24,820	Total flow for the year (gal)	123,738
Year to date total (gal)	164,575	Peak monthly flow – year (gal)	44,278
Average Flow per Acre/Day (month)	12.87	Average monthly flow year (gal/mo)	10,312
Average Flow per Acre/Day (Year)	7.23	Average Flow per Acre/Day (year)	7.808

TREASURER'S REPORT   January 7, 2025

ACCOUNT NAME	DATE	BALANCE	INT/INC
First Citizens - Checking Account **	12/31/2024	$ 334,706.16	$ 1,113.48
First Citizens - Sweep Account	12/31/2024	596,711.70	1,671.02
FNB W.M. Investments (Capital Reserve)	11/30/2024	12,693,215.23	26,180.56
FNB W.M. Investments (Recycling Reserve Fund)	11/30/2024	479,079.38	(7.56)
First National Bank (Int. Checking/ Loan Transfer)	12/31/2024	1,358.91	0.55
Fulton CRIM Cap Equipment & Project	11/30/2024	1,293,865.69	(64.47)
Total		$ 15,398,937.07	$ 28,893.58

** First Citizens - Checking Acct -Total Additions $906K; Total Deductions $1,043k

A/R for month ending December 31, 2024: $661,143.39

December 2024 Miscellaneous Income:

Permits	$	1,595.00
Freon Appliances		315.00
Backhoe Use		3,390.00
Tires		30.00
Health/Dental & Vision Senior Supp. - Retirees December 2024		1,397.31
Residential Properties - Rent December 2024 / January 2025		2,406.00
Benecon - 2023 Final Surplus		8,926.62
CSR Recycling - September 2024		1,459.96
Commonwealth of PA Act 101 Sec. 904 CY 2022 Performance Recycling Grant		64,893.14
X/S Waste Transport - Enforcement Payment		2,000.00
NexEra (EPP) Renewable Energy - November 2024 Rent and Gas Processed		2,862.24
	$	89,275.27

1/7/2025

Open Receivables

(Over 30 days)

Cash Customers

NSF Check	-$ 36.00 + bank fees
Cash	-$ 36.00
Cash	-$ 41.00

Greater Lebanon Refuse Authority
Profit & Loss Budget Performance
December 2024

	Dec 24	Monthly Budget	% of Monthly Budget	YTD Actual	YTD Budget	% of YTD Budget	Annual Budget
Income							
OperRev · Operations Revenues							
4110150 · Residential	358,272.00	323,140.93	110.87%	4,332,382.56	4,329,189.08	100.07%	4,329,189.08
4110250 · Commercial	198,167.04	230,817.66	85.85%	2,844,024.48	3,092,314.21	91.97%	3,092,314.21
4110550 · Other Waste	2,152.50	1,685.99	127.67%	10,830.25	22,587.62	47.95%	22,587.62
4120450 · Construction/Demolition	104,426.64	134,836.86	77.45%	1,753,214.40	1,806,438.62	97.05%	1,806,438.62
4140550 · Clean Wood	136.44	60.58	225.22%	763.92	811.67	94.12%	811.67
4140560 · Clean Wood - Rejected (Rejected C	0.00			491.76			
4140650 · Stumps & Trees	0.00	127.64	0.0%	4,920.48	1,710.00	287.75%	1,710.00
4140750 · Green Waste	616.26	1,928.75	31.95%	30,934.32	25,839.90	119.72%	25,839.90
4150150 · Residual Waste	42,258.67	40,287.64	104.89%	529,410.92	539,742.30	98.09%	539,742.30
4170150 · Sewage Sludge	17,310.24	17,194.29	100.67%	200,934.72	230,355.60	87.23%	230,355.60
Total OperRev · Operations Revenues	723,339.79	750,080.34	96.44%	9,707,907.81	10,048,989.00	96.61%	10,048,989.00
Oth Rev · Other Revenues							
6020060 · Rental Income	987.00	987.00	100.0%	33,187.00	32,130.00	103.29%	32,130.00
6030060 · Royalty -Meth- CO2 Offst Credit	1,875.24	14,000.00	13.4%	158,775.64	350,000.00	45.36%	350,000.00
6030160 · Residential Rentals	2,406.00	2,306.00	104.34%	25,389.00	23,472.00	108.17%	23,472.00
6040060 · Registration Fees	1,595.00	2,666.66	59.81%	30,175.00	32,000.00	94.3%	32,000.00
6070060 · Other Income	12,341.62	2,500.00	493.67%	42,693.92	66,372.00	64.33%	66,372.00
6070160 · Recycling Income	1,804.96	2,500.00	72.2%	31,498.04	30,000.00	104.99%	30,000.00
6070200 · Grant Inco-Recyl (Equip & Plan)	64,893.14	175,000.00	37.08%	286,053.46	387,593.00	73.8%	387,593.00
6070400 · Transfer from Reserves	0.00	0.00	0.0%	900,000.00	1,679,779.00	53.58%	1,679,779.00
6080000 · Finance Charges-Income	0.00			3,292.16			
6090000 · Interest Income - Operations	2,784.50	45,833.34	6.08%	527,622.68	550,000.00	95.93%	550,000.00
6094000 · Unrealized Gain/Loss Corp Bonds	0.00			178,818.03			
Total Oth Rev · Other Revenues	88,687.46	245,793.00	36.08%	2,217,504.93	3,151,346.00	70.37%	3,151,346.00
Total Income	812,027.25	995,873.34	81.54%	11,925,412.74	13,200,335.00	90.34%	13,200,335.00
Gross Profit	812,027.25	995,873.34	81.54%	11,925,412.74	13,200,335.00	90.34%	13,200,335.00
Expense							
400 · General & Administrative							
7000040 · Bad Debts	152.00			152.00			
7010040 · Bank Charges Expense	60.00	12.50	480.0%	294.00	150.00	196.0%	150.00
7010050 · Interest Charges Expense	0.00	0.00	0.0%	234,086.61	439,154.00	53.3%	439,154.00
7010540 · Court Fees Expense	0.00	0.00	0.0%	0.00	500.00	0.0%	500.00
7015400 · Credit Card Fees Expense	591.45	833.34	70.97%	10,784.96	10,000.00	107.85%	10,000.00
7020400 · Directors Compensation	13,755.00	22,000.00	62.52%	16,655.00	24,200.00	68.82%	24,200.00
7050400 · Salaries - Administrative	11,642.82	15,717.35	74.08%	184,580.36	188,608.10	97.86%	188,608.10
7090400 · Wages Hourly - Office	6,968.31	16,135.91	43.19%	100,755.78	193,630.84	52.04%	193,630.84
7091400 · Wages Overtime - Office	336.25	1,274.43	26.38%	7,909.98	15,293.06	51.72%	15,293.06
7100400 · Materials & Supplies	1,401.15	1,250.00	112.09%	13,995.03	15,000.00	93.3%	15,000.00
7111400 · Electricity - Office	0.00	0.00	0.0%	2,302.25	1,440.00	159.88%	1,440.00
7112400 · Water Drinking	567.56	314.59	180.41%	4,952.57	3,775.00	131.19%	3,775.00
7120400 · Cash Over/Short	-10.00			206.69			
7200400 · General Expense - Office	-11,173.48	840.84	-1,328.85%	17,488.25	22,400.00	78.07%	22,400.00
7201400 · Member Dues,Conferences,Subscr	332.76	2,700.00	12.32%	5,167.31	7,893.00	65.47%	7,893.00
7210400 · Advertising & Printing - Office	0.00	0.00	0.0%	5,380.82	9,600.00	56.05%	9,600.00
7220400 · Workers Comp - Bond - Etc	0.00	0.00	0.0%	40,111.00	33,271.00	120.56%	33,271.00
7230400 · Rentals - Office	0.00	215.25	0.0%	646.11	861.00	75.04%	861.00
7240400 · Heilmandale / Russell Rd Prop. (He	14,346.09	199.83	7,179.15%	48,213.99	15,577.00	309.52%	15,577.00
7250400 · Public Relations	1,485.24	191.67	774.89%	21,580.57	11,000.00	196.19%	11,000.00
7260400 · Travel Expenses	0.00	166.66	0.0%	1,458.83	2,000.00	72.94%	2,000.00
7270400 · Hauler Rebate Program	0.00	118,750.00	0.0%	342,782.16	475,000.00	72.17%	475,000.00
7280400 · Accounting	0.00	0.00	0.0%	22,700.00	31,000.00	73.23%	31,000.00
7290400 · Legal	543.00	300.00	181.0%	5,765.25	5,000.00	115.31%	5,000.00
7300400 · Telephone / Internet	734.65	1,286.00	57.13%	13,307.22	15,432.00	86.23%	15,432.00
7420400 · Maintenance Buildings - Office	8,092.00	724.16	1,117.43%	11,318.29	9,690.00	116.8%	9,690.00
7430400 · Maintenance Equipment - Office	935.14	258.34	361.98%	4,447.53	3,100.00	143.47%	3,100.00
7700400 · Office Appliances & Furnitures	39.99			8,456.66			
Total 400 · General & Administrative	50,799.93	183,170.87	27.73%	1,125,499.22	1,533,575.00	73.39%	1,533,575.00
405 · Regulatory Expenses							
7013405 · DEP Recycling Fee Expense	0.00	65,141.33	0.0%	197,483.04	273,540.00	72.2%	273,540.00
7014405 · Host Municipality Benefit Fee	0.00	40,713.33	0.0%	123,426.90	170,962.50	72.2%	170,962.50

Greater Lebanon Refuse Authority
Profit & Loss Budget Performance
December 2024

8:39 AM
01/06/2025
Accrual Basis

	Dec 24	Monthly Budget	% of Monthly Budget	YTD Actual	YTD Budget	% of YTD Budget	Annual Budget
7017405 · Permit Fees Expense	0.00	1,900.00	0.0%	17,165.90	15,210.00	112.86%	15,210.00
7018405 · Environmental Impairment Ins	0.00	0.00	0.0%	15,239.82	13,854.00	110.0%	13,854.00
7019405 · General Liability Insurance	0.00	0.00	0.0%	183,393.00	184,135.00	99.6%	184,135.00
7055405 · Environmental Stewardship Fund	0.00	138,425.32	0.0%	423,890.37	581,272.50	72.93%	581,272.50
Total 405 · Regulatory Expenses	0.00	246,179.98	0.0%	960,599.03	1,238,974.00	77.53%	1,238,974.00
410 · Recycling & Marketing Develop							
7050410 · Salaries - Recycling	4,847.24	7,754.23	62.51%	93,304.21	93,050.73	100.27%	93,050.73
7090410 · Wages Hourly - Recycling	10,385.25	13,346.57	77.81%	149,579.08	160,158.74	93.39%	160,158.74
7091410 · Wages Overtime - Recycling	268.80	681.35	39.45%	5,489.29	8,176.53	67.14%	8,176.53
7100410 · Materials & Supplies Recycling	0.00	400.00	0.0%	5,143.27	6,200.00	82.96%	6,200.00
7200410 · General Expense - Recycling	114.80	290.00	39.59%	12,149.51	20,645.00	58.85%	20,645.00
7201410 · Conf, Workshop & Subscript	2,130.00	0.00	100.0%	8,809.68	7,732.00	113.94%	7,732.00
7202410 · Disposal of Recyclables	202.80	675.00	30.04%	16,309.24	11,515.00	141.64%	11,515.00
7204410 · Education/Recycling	0.00	0.00	0.0%	535.45	1,500.00	35.7%	1,500.00
7205410 · HHW Program Expenses	27,205.78	8,750.00	310.92%	80,066.22	83,525.00	95.86%	83,525.00
7210410 · Advert & Printing - Recycling	4,882.00	6,352.50	76.85%	126,540.96	126,106.00	100.35%	126,106.00
Total 410 · Recycling & Marketing Develop	50,036.67	38,249.65	130.82%	497,926.91	518,609.00	96.01%	518,609.00
420 · Engineering							
7050420 · Salaries - Engineering	11,516.72	16,577.66	69.47%	152,438.69	198,932.00	76.63%	198,932.00
7090420 · Wages Hourly - Engineering	0.00	233.34	0.0%	679.00	2,800.00	24.25%	2,800.00
7100420 · Materials & Supplies Engineerin	0.00	8.34	0.0%	551.89	100.00	551.89%	100.00
7200420 · General Expense - Engineering	0.00	208.34	0.0%	441.98	2,500.00	17.68%	2,500.00
7240420 · Engineering Services	24,690.10	2,916.66	846.52%	167,739.18	108,900.00	154.03%	108,900.00
Total 420 · Engineering	36,206.82	19,944.34	181.54%	321,850.74	313,232.00	102.75%	313,232.00
422 · Treatment							
7090422 · Wages Hourly - Treatment	3,665.42	5,172.82	70.86%	61,640.18	62,073.77	99.3%	62,073.77
7091422 · Wages Overtime - Treatment	95.62	39.83	240.07%	1,755.72	478.23	367.13%	478.23
7100422 · Materials & Supplies Treatment	0.00	416.66	0.0%	3,776.37	5,000.00	75.53%	5,000.00
7111422 · Electricity - Treatment	0.00	5,000.00	0.0%	45,907.89	60,000.00	76.51%	60,000.00
7140422 · Chemicals	0.00	200.00	0.0%	451.87	7,400.00	6.11%	7,400.00
7200422 · General Expense - Treatment	0.00	150.00	0.0%	709.02	1,800.00	39.39%	1,800.00
7202422 · Water Analysis in Labs	270.00	48,032.20	0.56%	155,140.03	237,185.00	65.41%	237,185.00
7203422 · Water Analysis - Landowners	0.00	11,400.00	0.0%	29,200.15	52,000.00	56.15%	52,000.00
7204422 · Sewage Maint Fee N Leb Twp	6,708.00	0.00	100.0%	84,575.32	60,000.00	140.96%	60,000.00
7205422 · Leachate Treatment - Leb City	11,054.24	0.00	100.0%	407,586.93	360,000.00	113.22%	360,000.00
7400422 · Maintenance Ponds/Well	0.00	375.00	0.0%	0.00	4,500.00	0.0%	4,500.00
7420422 · Maintenance Buildings - Treat	0.00	141.66	0.0%	823.03	2,400.00	34.29%	2,400.00
7430422 · Maint Equipment - Treatment	796.22	2,766.66	28.78%	56,851.48	33,200.00	171.24%	33,200.00
Total 422 · Treatment	22,589.50	73,694.83	30.65%	848,417.99	886,037.00	95.75%	886,037.00
424 · LFG Management							
7090424 · Wages Hourly - LFG Tech	4,160.05	5,126.95	81.14%	56,967.80	61,523.41	92.6%	61,523.41
7091424 · Wages Overtime - LFG Tech	215.82	117.48	183.71%	3,589.66	1,410.59	254.48%	1,410.59
7100424 · Materials & Supplies - LFG Mgt	8,410.00	1,458.34	576.68%	43,118.51	18,350.00	234.98%	18,350.00
7111424 · Electricity - LFG (Electricity Flare)	0.00	50.00	0.0%	797.75	600.00	132.96%	600.00
7200424 · General Expense - LFG Mgt	2,219.33	166.66	1,331.65%	6,912.33	3,000.00	230.41%	3,000.00
7202424 · Surface Emission Monitoring SEM	0.00	0.00	0.0%	18,933.65	18,000.00	105.19%	18,000.00
7410424 · Maintenance Land - LFG Mgt	0.00	166.66	0.0%	0.00	2,000.00	0.0%	2,000.00
7430424 · Maint Equipment - LFG Mgt	0.00	708.34	0.0%	58,752.03	10,450.00	562.22%	10,450.00
Total 424 · LFG Management	15,005.20	7,794.43	192.51%	189,071.73	115,334.00	163.93%	115,334.00
426 · Operations							
7050426 · Salaries - Supervisory	10,447.12	15,122.69	69.08%	174,991.23	181,472.31	96.43%	181,472.31
7090426 · Wages Hourly - Operations	63,286.50	77,266.02	81.91%	962,906.59	927,192.25	103.85%	927,192.25
7091426 · Wages Overtime - Operations	4,346.97	4,832.27	89.96%	79,584.38	57,987.44	137.24%	57,987.44
7100426 · Materials & Supplies Operations	2,666.30	3,000.00	88.88%	35,226.31	36,000.00	97.85%	36,000.00
7101426 · Tools	0.00	300.00	0.0%	2,746.59	4,200.00	65.4%	4,200.00
7110426 · Heat Buildings	0.00	2,500.00	0.0%	6,035.93	19,000.00	31.77%	19,000.00
7111426 · Electricity - Operations	0.00	1,400.00	0.0%	15,939.07	19,600.00	81.32%	19,600.00
7200426 · General Expense - Operations	826.44	1,525.00	54.19%	18,651.56	23,500.00	79.37%	23,500.00
7230426 · Rentals - Operations	0.00	400.00	0.0%	3,850.91	50,200.00	7.67%	50,200.00
7410426 · Maintenance Land	21,315.16	7,000.00	304.5%	95,570.87	91,500.00	104.45%	91,500.00
7420426 · Maintenance Buildings - Oper	550.00	500.00	110.0%	19,350.61	14,000.00	138.22%	14,000.00
7430426 · Maint Equipment - Operation	5,671.16	18,500.00	30.66%	199,460.48	222,000.00	89.85%	222,000.00
7500426 · Fuel Oil / Diesel - Equipment	17,511.00	16,900.00	103.62%	178,384.37	222,000.00	80.35%	222,000.00

Greater Lebanon Refuse Authority
Profit & Loss Budget Performance
December 2024

	Dec 24	Monthly Budget	% of Monthly Budget	YTD Actual	YTD Budget	% of YTD Budget	Annual Budget
7501426 · Gasoline	3,583.14	2,100.00	170.63%	16,945.74	21,000.00	80.69%	21,000.00
7502426 · Grease & Oil	4,328.64	5,000.00	86.57%	17,366.79	25,800.00	67.31%	25,800.00
Total 426 · Operations	134,532.43	156,345.98	86.05%	1,827,011.43	1,915,452.00	95.38%	1,915,452.00
428 · Information-Technology							
7200428 · Computer Software/Internet Exp	199.00	798.50	24.92%	55,627.71	60,000.00	92.71%	60,000.00
7300428 · Computer Hardware	0.00	916.66	0.0%	14,353.48	11,000.00	130.49%	11,000.00
7400428 · Professional Services/IT	6,496.74	18,145.00	35.81%	72,997.14	96,545.00	75.61%	96,545.00
Total 428 · Information-Technology	6,695.74	19,860.16	33.71%	142,978.33	167,545.00	85.34%	167,545.00
470 · Employee Benefits & PR Taxes							
7930470 · Employee Clothing	272.55	1,819.59	14.98%	12,297.64	21,835.00	56.32%	21,835.00
7935470 · Sick Pay Wages	1,954.68	2,116.66	92.35%	34,660.65	25,400.00	136.46%	25,400.00
7936470 · Vacation Pay Wages	8,014.55	10,574.71	75.79%	110,956.05	126,896.42	87.44%	126,896.42
7938470 · Personal Pay Wages	2,535.76	2,888.86	87.78%	34,248.40	34,666.21	98.8%	34,666.21
7939470 · Birthday -Floating Holidays Pay	1,280.79	1,991.06	64.33%	24,361.14	23,893.37	101.96%	23,893.37
7940470 · Employee Life Insurance	0.00	433.34	0.0%	5,206.94	5,200.00	100.13%	5,200.00
7941470 · Retired EE Life Insurance	0.00	45.84	0.0%	-118.43	550.00	-21.53%	550.00
7945470 · Employee Disability Insurance	-33.00	2,683.16	-1.23%	34,433.68	32,198.00	106.94%	32,198.00
7950470 · Employee Med & Hosp Ins	80,001.12	62,772.59	127.45%	796,113.15	753,271.00	105.69%	753,271.00
7955470 · Retired Empl Med & Hosp Ins	682.53	748.34	91.21%	6,196.26	8,980.00	69.0%	8,980.00
7956470 · Employer COBRA Expense	0.00	2,056.00	0.0%	164.02	24,672.00	0.67%	24,672.00
7960470 · Employer FICA/Medicare	11,007.06	14,906.34	73.84%	170,213.96	178,876.00	95.16%	178,876.00
7970470 · Unemployment Compensation-PM.	56.87	309.66	18.37%	10,350.66	11,148.00	92.85%	11,148.00
7980470 · Employee Retirement Fund	0.00	0.00	0.0%	201,897.00	201,897.00	100.0%	201,897.00
7990470 · Training & Professional Devel	0.00	885.00	0.0%	11,247.21	10,620.00	105.91%	10,620.00
Total 470 · Employee Benefits & PR Taxes	105,772.91	104,231.15	101.48%	1,452,228.33	1,460,103.00	99.46%	1,460,103.00
6690000 · Reconciliation Discrepancies (Discre	2,429.24			2,429.24			
780 · Capital Expenses							
7810426 · Capital Land & Improv Operation	0.00	0.00	0.0%	48,500.00	210,500.00	23.04%	210,500.00
7820426 · Capital Build& Improv Operation	0.00	0.00	0.0%	769,475.49	575,000.00	133.82%	575,000.00
7830400 · Capital Equipment - Office	0.00	0.00	0.0%	37,222.64	40,000.00	93.06%	40,000.00
7830410 · Capital Equipment - Recycling	0.00	0.00	0.0%	224,079.97	174,000.00	128.78%	174,000.00
7830422 · Capital Equipment -Treatment	0.00	0.00	0.0%	964,858.46	1,130,035.00	85.38%	1,130,035.00
7830424 · Capital Equipment - LFG Mgt	14,949.70	0.00	100.0%	53,242.70	6,000.00	887.38%	6,000.00
7830426 · Capital Equipment -Operations	92,810.00	0.00	100.0%	529,957.14	594,500.00	89.14%	594,500.00
7830428 · Capital Equipment/IT	0.00	0.00	0.0%	51,417.00	61,000.00	84.29%	61,000.00
Total 780 · Capital Expenses	107,759.70	0.00	100.0%	2,678,753.40	2,791,035.00	95.98%	2,791,035.00
7990000 · Excess Transfers to Reserves	365,000.00	188,369.91	193.77%	1,265,534.37	2,260,439.00	55.99%	2,260,439.00
Total Expense	896,828.14	1,037,841.30	86.41%	11,312,300.72	13,200,335.00	85.7%	13,200,335.00
Net Income	**-84,800.89**	**-41,967.96**	**202.06%**	**613,112.02**	**0.00**	**100.0%**	**0.00**

GREATER LEBANON REFUSE AUTHORITY
Origin/Material Summary
Transactions from 01/01/2024 through 12/31/2024
Inbound Tickets Only
Third Party and Intercompany Customers
Disposal Only

Origin: All

Origin	Pct	YTD Tons	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
01 - Annville Township	2.95	3,899.3900	241.6800	214.6300	242.6500	400.8100	342.2600	390.5400	301.8800	321.0400	370.8600	393.6900	289.1200	390.2300
02 - Bethel Township	4.75	6,280.0300	434.9300	477.5800	423.5400	598.2000	696.4500	607.7400	461.5700	510.6700	518.1500	695.8100	466.1700	389.2200
03 - Cleona Borough	1.28	1,689.9400	136.0000	122.4900	146.1900	157.7400	168.6600	143.4400	154.2200	139.4200	109.1000	144.8100	116.9900	150.8800
04 - Cold Spring Township	0.00	5.5100	0.0000	0.0000	0.0000	0.0000	0.0000	5.5100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
05 - Cornwall Borough	1.96	2,595.0600	316.3900	195.6600	193.9800	201.8800	231.9100	185.5700	185.0200	195.7900	197.9700	234.1800	233.4700	223.2400
06 - East Hanover Township	1.66	2,188.0800	129.8500	171.8900	176.4800	174.0800	193.3300	214.6200	190.2400	264.8300	162.1000	182.0000	192.9900	135.6700
07 - Heidelberg Township	1.78	2,357.2700	173.1700	174.9100	182.8700	199.3300	222.4600	190.8200	171.4000	279.5100	147.3100	202.4000	269.3700	143.7200
08 - Jackson Township	6.50	8,587.2900	713.5700	628.9200	705.4300	736.1100	784.7400	715.4100	829.5200	656.1000	717.8700	758.7100	714.7600	626.1500
09 - Jonestown Borough	1.37	1,811.8900	129.6800	97.1500	138.7000	138.8300	130.0000	168.5000	176.0100	142.6600	136.0900	201.7200	191.8100	160.7400
10 - Lebanon City	22.86	30,201.5500	2,316.8500	2,187.5700	2,371.5800	2,524.2300	2,896.6200	2,572.5300	2,661.9700	2,732.5700	2,497.7900	2,823.2100	2,207.1700	2,409.4600
11 - Millcreek Township	2.60	3,438.2300	321.1400	234.2100	241.4600	296.3700	299.2300	309.6400	312.3000	284.3600	285.7800	318.3700	302.9900	232.3800
12 - Mount Gretna Borough	0.45	588.2300	44.1400	37.9000	39.4300	38.8700	46.4000	82.9200	61.3900	47.5500	59.8900	38.8100	44.1700	46.7600
13 - Myerstown Borough	5.50	7,263.3900	497.8100	586.7200	594.9300	644.4200	690.6500	607.7900	647.5700	646.1600	572.1700	610.2100	613.4800	551.4800
14 - North Annville Township	0.81	1,068.5700	74.0500	78.4500	87.9900	98.3500	112.4300	88.8200	92.7500	87.9900	88.0000	101.9100	87.4100	70.4200
15 - North Cornwall Township	4.28	5,654.6600	450.8500	373.9000	426.7700	522.6800	566.3000	348.3600	489.0700	438.2000	454.2700	668.8500	502.1900	413.2200
16 - North Lebanon Township	8.14	10,747.7500	870.5200	748.1100	907.6800	1,295.2400	871.6800	754.9600	890.1100	966.6700	878.2500	980.7100	825.4300	758.3900
17 - North Londonderry Township	5.81	7,675.7500	689.0500	543.1300	642.5800	757.7000	685.9600	637.8000	621.1000	631.1400	572.2100	729.4100	567.3500	598.3200
18 - Palmyra Borough	5.09	6,726.0800	471.9500	483.7600	489.0100	616.4500	733.5300	584.0300	591.0200	618.0600	505.6400	582.7000	498.2400	551.6900
19 - Richland Borough	0.70	922.2400	94.5600	73.9600	76.7400	105.2000	91.8700	71.7700	86.2700	57.1800	60.3500	94.9600	59.1100	50.2700
20 - South Annville Township	1.06	1,406.9800	113.1500	84.6400	106.4900	116.1800	113.0600	181.2200	245.5000	98.3100	62.0300	84.2900	101.7500	100.3600
21 - South Lebanon Township	6.53	8,632.8300	613.0500	623.8700	696.6000	744.7400	770.3700	759.5000	842.6900	844.5900	614.6100	775.3800	716.9000	630.5300
22 - South Londonderry Township	3.43	4,536.7200	355.4700	303.3300	340.2000	400.0200	411.5800	356.3400	372.8700	489.4600	345.3400	395.3900	390.9700	375.7500
23 - Swatara Township	1.84	2,435.0900	226.5300	188.1700	189.1300	235.4200	190.6900	203.4400	216.4600	191.9100	190.2000	191.7500	204.9300	206.4600
24 - Union Township	7.20	9,509.8700	761.8600	837.4000	874.6600	877.7300	754.9200	791.4100	1,127.4200	981.3000	690.2400	741.8700	537.6100	533.4500
25 - West Cornwall Township	0.68	892.9200	76.5700	89.5700	73.4700	109.8400	106.6100	35.8100	23.8600	81.4900	65.4300	79.6600	75.7000	74.9100
26 - West Lebanon Township	0.75	995.6900	123.0100	79.3200	102.7900	90.1100	63.2800	85.0700	83.9800	64.2700	79.3500	98.4400	74.3000	51.7700
28 - Other	0.00	1.4100	0.1600	0.0000	0.0000	0.0000	0.0000	1.1000	0.1500	0.0000	0.0000	0.0000	0.0000	0.0000
NA - Not Applicable	0.00	4.5000	0.0000	0.0800	0.0000	0.0000	0.0000	0.0000	0.5100	0.0000	0.0000	3.2400	0.0500	0.6200
Report Grand Totals		132,116.9200	10,375.9900	9,637.3200	10,471.3500	12,080.5300	12,174.9900	11,094.6600	11,836.8500	11,771.2300	10,381.0000	12,132.4800	10,284.4300	9,876.0900
Subtract Metal		-120.99	-3.33	-7.91	-6.38	-9.92	-14.63	-5.63	-11.26	-14.75	-11.20	-14.37	-13.58	-8.03
REPORT GRAND TOTAL		**131,995.93**	**10,372.66**	**9,629.41**	**10,464.97**	**12,070.61**	**12,160.36**	**11,089.03**	**11,825.59**	**11,756.48**	**10,369.80**	**12,118.11**	**10,270.85**	**9,868.06**

GREATER LEBANON REFUSE AUTHORITY
Origin/Material Summary
Transactions from 01/01/2023 through 12/31/2023
Inbound Tickets Only
Third Party and Intercompany Customers
Disposal Only

Origin: All

Origin	Pct	YTD Tons	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
01 - Annville Township	2.70	3,621.2600	289.9100	283.3600	268.1600	332.8700	335.8900	274.0500	295.4600	331.0600	266.7300	424.0000	267.2000	252.5700
02 - Bethel Township	4.32	5,782.7000	514.9800	439.3500	538.6500	450.6600	560.9400	532.8400	458.2300	451.9100	473.6500	518.7800	450.2700	392.4400
03 - Cleona Borough	1.41	1,895.7500	145.9400	139.8100	160.2900	148.9400	148.2000	173.0000	184.6100	175.9500	174.4700	139.3100	145.2500	159.9800
04 - Cold Spring Township	0.00	0.8700	0.0000	0.0000	0.1600	0.0000	0.0000	0.0000	0.7100	0.0000	0.0000	0.0000	0.0000	0.0000
05 - Cornwall Borough	1.95	2,616.4000	225.4100	163.5700	234.9300	230.1800	213.3700	278.4700	211.7700	273.9800	212.6300	220.1600	175.3400	176.5900
06 - East Hanover Township	1.61	2,162.5900	138.8000	154.3100	175.6600	144.3500	262.4900	223.8300	205.8900	250.6500	129.7500	179.8900	182.9400	114.0300
07 - Heidelberg Township	1.56	2,085.8600	211.7600	147.7300	204.5500	124.6900	129.7300	200.4000	175.1500	264.1600	167.1500	161.4400	146.5200	152.5800
08 - Jackson Township	6.39	8,558.6600	748.4000	659.6400	654.9900	594.5500	831.4000	729.6400	718.4200	784.4400	621.5100	793.1700	662.3100	760.1900
09 - Jonestown Borough	1.28	1,715.9500	151.8900	97.9300	121.7700	140.5000	166.2200	142.2000	166.3900	177.4200	150.7500	148.6600	131.0900	121.1300
10 - Lebanon City	20.39	27,315.9000	2,050.8500	1,801.2000	2,314.1600	2,216.0800	2,446.8400	2,345.9300	2,332.1500	2,599.4100	2,245.5300	2,384.1200	2,299.3100	2,280.3200
11 - Millcreek Township	2.51	3,365.1500	239.2200	269.5000	227.0800	247.5700	295.7800	310.3100	381.3600	367.7700	258.2800	264.1700	267.8300	236.2800
12 - Mount Gretna Borough	0.46	612.8600	55.6200	52.2200	76.2500	43.5700	46.4400	42.9300	50.8900	51.0400	68.6200	44.9200	41.2500	39.1100
13 - Myerstown Borough	5.10	6,840.2900	644.7900	491.7300	607.3700	529.8800	614.9600	595.7000	626.7100	569.6700	602.8000	524.4700	503.9600	528.2500
14 - North Annville Township	0.87	1,164.9500	91.6000	61.6700	103.2200	130.7600	65.4900	138.1000	98.4300	96.9300	123.2500	76.6000	95.5300	83.3700
15 - North Cornwall Township	4.16	5,573.7200	441.7400	391.1100	483.2000	391.0100	489.4700	444.1000	480.9800	558.5600	522.4300	472.0400	488.2400	411.1100
16 - North Lebanon Township	8.66	11,604.3000	926.0200	970.1900	971.7700	927.0700	1,034.1900	889.0400	1,059.3500	948.7300	859.2300	1,081.7700	900.8700	1,036.0700
17 - North Londonderry Township	5.03	6,742.5900	542.9200	435.4400	526.4200	538.0400	639.1600	556.6100	598.3400	616.6400	467.4000	681.2300	613.9900	526.4000
18 - Palmyra Borough	4.85	6,497.1100	503.1400	477.2100	560.4300	499.7400	568.9900	721.6800	580.4100	522.1100	525.6100	554.6800	497.0500	486.0600
19 - Richland Borough	0.82	1,104.2400	96.0400	84.3500	86.6800	109.3700	100.9800	89.6200	90.6400	100.6900	82.8300	98.0800	85.7200	79.2400
20 - South Annville Township	1.81	2,432.0000	572.1900	312.1900	136.1300	181.1500	260.1300	149.6800	192.8900	143.3200	148.9300	128.5800	99.8900	106.9200
21 - South Lebanon Township	7.62	10,216.4400	820.2800	775.7500	761.9000	924.8400	1,038.8200	1,032.3700	775.0200	937.0600	803.4600	825.1600	798.1400	723.6400
22 - South Londonderry Township	3.53	4,724.0500	464.8100	308.3100	367.7000	359.3600	393.5300	546.2000	396.2200	377.3100	377.9000	401.2000	371.0300	360.4800
23 - Swatara Township	1.80	2,408.7400	159.5700	135.7100	176.1800	152.5800	263.4000	263.1200	209.5400	214.5900	204.0400	193.9600	176.8000	259.2500
24 - Union Township	9.55	12,799.6200	686.0800	806.0400	923.2800	1,036.9000	1,248.3500	1,254.6600	1,439.9600	1,271.7900	1,456.3800	1,234.8300	803.6000	637.7500
25 - West Cornwall Township	0.88	1,176.7000	107.5600	95.7300	112.4800	100.6500	87.1000	100.4200	112.1500	85.3800	81.2300	109.9600	84.4200	99.6200
26 - West Lebanon Township	0.73	977.1900	60.2200	74.9800	75.6100	60.1500	84.3400	125.3700	53.6100	86.3000	104.1100	99.2500	94.2000	59.0500
28 - Other	0.00	1.1400	0.0000	0.1000	0.1900	0.0000	0.0000	0.0000	0.0000	0.5500	0.0000	0.2400	0.0000	0.0600
NA - Not Applicable	0.00	0.2100	0.0000	0.0000	0.0000	0.0000	0.0000	0.2100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Report Grand Totals		133,997.2400	10,889.4700	9,629.1300	10,869.2100	10,615.4600	12,326.2100	12,160.4800	11,895.2800	12,257.4200	11,128.6700	11,760.6700	10,382.7500	10,082.4900
Subtract Metal		-90.81	-8.09	-1.67	-6.23	-6.80	-5.39	-11.70	-7.57	-6.57	-7.30	-13.75	-8.23	-7.46
Report Grand Total		133,906.43	10,881.38	9,627.46	10,862.98	10,608.66	12,320.82	12,148.78	11,887.71	12,250.85	11t,121.37	11,746.92	10,374.52	10,075.03