AT A MEETING OF THE NEW RIVER RESOURCE AUTHORITY
HELD ON WEDNESDAY, OCTOBER 28, 2026, AT 12:15 PM,
NRRA ADMINISTRATION BUILDING,
DUBLIN, VIRGINIA:

PRESENT: Mr. Steve Fijalkowski, Chairman
Mr. Tom Starnes, Vice-Chairman
Mr. Dirk Compton, Secretary
Mr. Paul Baker, Member
Mr. Seth Gillespie, Member
Mr. Barry Helms, Member
Ms. Debbie Lyons, Member
Mr. Mike Mooney, Member

STAFF: Mr. Joseph Levine, NRRA Executive Director
Ms. Monica Furrow, NRRA Assistant Secretary
Mr. Howard Estes, NRRA Legal Counsel*
Mr. Ike Snider
Mr. Nate Hurst
Mr. Adam Slaughter
Mr. Isaac Slade Wall

GUESTS: Mr. Andrew Monk, Thompson & Litton, Inc.
Mr. Adam Murray, Thompson & Litton, Inc.

* Mr. Estes participated in the Board meeting via telephone conference.

**I. Call to Order and Roll Call:**

Chairman Fijalkowski called the meeting to order.

**II. Approval of October 28, 2026 Agenda:**

The motion to approve the October 28, 2026 Agenda as presented was made by Mr. Baker. The motion was seconded by Mr. Compton and approved by a unanimous vote of the Authority Board.

**III. Approval of Meeting Minutes:**

The motion to approve the September 23, 2026, meeting minutes as presented was made by Mr. Helms. The motion was seconded by Mr. Compton and approved by a unanimous vote of the Authority Board. Mr. Starnes and Mr. Gillespie abstained.

**IV. Old Business:**

There was no Old Business to discuss.

**V. New Business:**

**A. Items of Vote:**

1. **Transaction by Vendor Report:**

The Transaction by Vendor Report for the month of September 2026 was presented.

The motion to approve the Transaction by Vendor Report for the month of September 2026 was made by Mr. Baker. The motion was seconded by Mr. Starnes and approved by a recorded roll-call vote of the Authority Board as follows:

| | | | |
|---|---|---|---|
| Mr. Baker | yes | Ms. Lyons | yes |
| Mr. Compton | yes | Mr. Mooney | yes |
| Mr. Gillespie | yes | Mr. Starnes | yes |
| Mr. Helms | yes | Mr. Fijalkowski | yes |

**2. Draft Financial Statements:**

The Draft Financial Statements as of September 30, 2026 were presented.

Mr. Levine noted that line-item 415 Revenue Misc. Sales is payment received for Carbon Credits.

The motion to approve the Draft Financial Statements as of September 30, 2026 was made by Mr. Baker. The motion was seconded by Mr. Gillespie and approved by a roll-call vote of the Authority Board as follows:

| | | | |
|---|---|---|---|
| Mr. Baker | yes | Ms. Lyons | yes |
| Mr. Compton | yes | Mr. Mooney | yes |
| Mr. Gillespie | yes | Mr. Starnes | yes |
| Mr. Helms | yes | Mr. Fijalkowski | yes |

**B. Administrative Items:**

1. 2027 Board Schedule

The following Board meeting schedule was given to the Board.

| | |
|---|---|
| Wednesday | January 20, 2027 |
| Wednesday | February 24, 2027 |
| Wednesday | March 24, 2027 |
| Wednesday | April 28, 2027 |
| Wednesday | May 26, 2027 |
| Wednesday | June 16, 2027 |
| Wednesday | July 28, 2027 |
| Wednesday | August 25, 2027 |
| Wednesday | September 22, 2027 |
| Wednesday | October 27, 2027 |
| Wednesday | November 17, 2027 |
| Wednesday | December 8, 2027 |

The motion to accept the 2027 Board Meeting Schedule as presented was made by Mr. Starnes. The motion was seconded by Mr. Compton and approved by a roll-call vote of the Authority Board as follows:

| | | | |
|---|---|---|---|
| Mr. Baker | yes | Ms. Lyons | yes |
| Mr. Compton | yes | Mr. Mooney | yes |
| Mr. Gillespie | yes | Mr. Starnes | yes |
| Mr. Helms | yes | Mr. Fijalkowski | yes |

2. Board of Directors Tentative Committee Meeting Schedule

The following Committee schedule was given to the Board:

**Budget Committee: (Mr. Baker, Ms. Lyons, Mr. Helms, Mr. Fijalkowski)**

October 28, 2026, 10:00 am – Budget Committee Meeting
December 2, 2026, 10:00 am – Budget Committee Meeting
January 20, 2027, 12:00 Noon – Presentation of proposed Budget to Board
February – Advertisement of rate hearing (if necessary)
February 24, 2027 – Board meeting with public hearing (if necessary)

**Audit Committee: (Mr. Mooney, Mr. Gillespie, Mr. Fijalkowski)**

November 18, 2026, 10:00 am – Audit Committee Meeting with Auditor

**HR Liaison: (Mr. Starnes)**

November 18, 2026 (between Audit Committee and Board Meeting) – update on human resources with Ms. Furrow and Mr. Estes.

The motion to accept the Committee Meeting Schedule as presented was made by Ms. Lyons. The motion was seconded by Mr. Mooney and approved by a roll-call vote of the Authority Board as follows:

| | | | |
|---|---|---|---|
| Mr. Baker | yes | Ms. Lyons | yes |
| Mr. Compton | yes | Mr. Mooney | yes |
| Mr. Gillespie | yes | Mr. Starnes | yes |
| Mr. Helms | yes | Mr. Fijalkowski | yes |

**C. Reports:**

**1. Executive Director Report:**

Mr. Levine presented the Executive Director's Report. Included in the report is the waste stream for September 2026 and an operational summary. In summary of the balance sheet, revenues are 1.8% above projections and expenses are 0.9% below projections to-date. A total of 19,835.47 tons of waste was managed in September 2026. The amount contributed to the Reserve Fund for September 2026 was $215,977.85. The total year to date transferred to the Reserve Fund is $672,385.23. NRRA staff has met with various member jurisdictions and other big commercial haulers to review NRRA's safety rules. NRRA staff has continued the outreach program, going to various festivals and participating in school trips to NRRA.

Mr. Levine stated that staff has done planning for a Board appreciation dinner with two possible dates. December 4 at the Farmhouse restaurant in Christiansburg as well as December 11 at the Omni Place in Fairlawn.

The motion to have the Board appreciation dinner on December 11 at the Omni Place was made by Mr. Baker. The motion was seconded by Mr. Mooney and approved by unanimous vote of the Authority Board.

**2. Engineering:**

Mr. Levine presented the Engineering section of the Agenda.

NEW RIVER RESOURCE AUTHORITY

# NRRA
# PUBLIC COMMENT REGISTRATION
# OCTOBER 28, 2026

**Please register below if you wish to speak during the "Public Comment" portion of the Agenda. Speakers are limited to five minutes.**

**NAME: ADDRESS: PHONE OR EMAIL:**

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Mr. Adam Murray with Thompson and Litton stated that a pre-construction meeting was held on-site for the Wash Bay project. Construction is estimated to begin after the new year. Mr. Murray also stated that VDOT had accept the report in regards to increasing the total daily limit NRRA can receive, now just waiting on DEQ approval.

A. Tip-Fee Analysis

Mr. Andrew Monk with Thompson and Litton presented the tip-fee analysis. A copy of that presentation is included with the minutes.

**VI. Public Comments:**

The Chairman invited Public Comments.

No comments were presented.

**VII Adjourn:**

The motion to adjourn the meeting was made by Mr. Helms. The motion was seconded by Ms. Lyons and approved by unanimous vote of the Board.

With no further business, the meeting adjourned at 12:37 pm.

The next scheduled meeting of the Authority Board is Wednesday, November 18, 2026, 12:00, (NOON), at 7100 Cloyd's Mountain Road Dublin, VA 24084.

Respectfully Submitted,

Monica Furrow

Monica Furrow,
Assistant Secretary

Approved at November 18, 2026 Board Meeting.

Steve Fijalkowski, Chairman

Dirk Compton, Secretary



# 2026 Waste Rate Study and Financial Model

## PRESENTATION FOR THE NEW RIVER RESOURCE AUTHORITY

THOMPSON & LITTON EST. 1956

ENGINEERS ARCHITECTS SURVEYORS

# THIRD-PARTY ANALYSIS

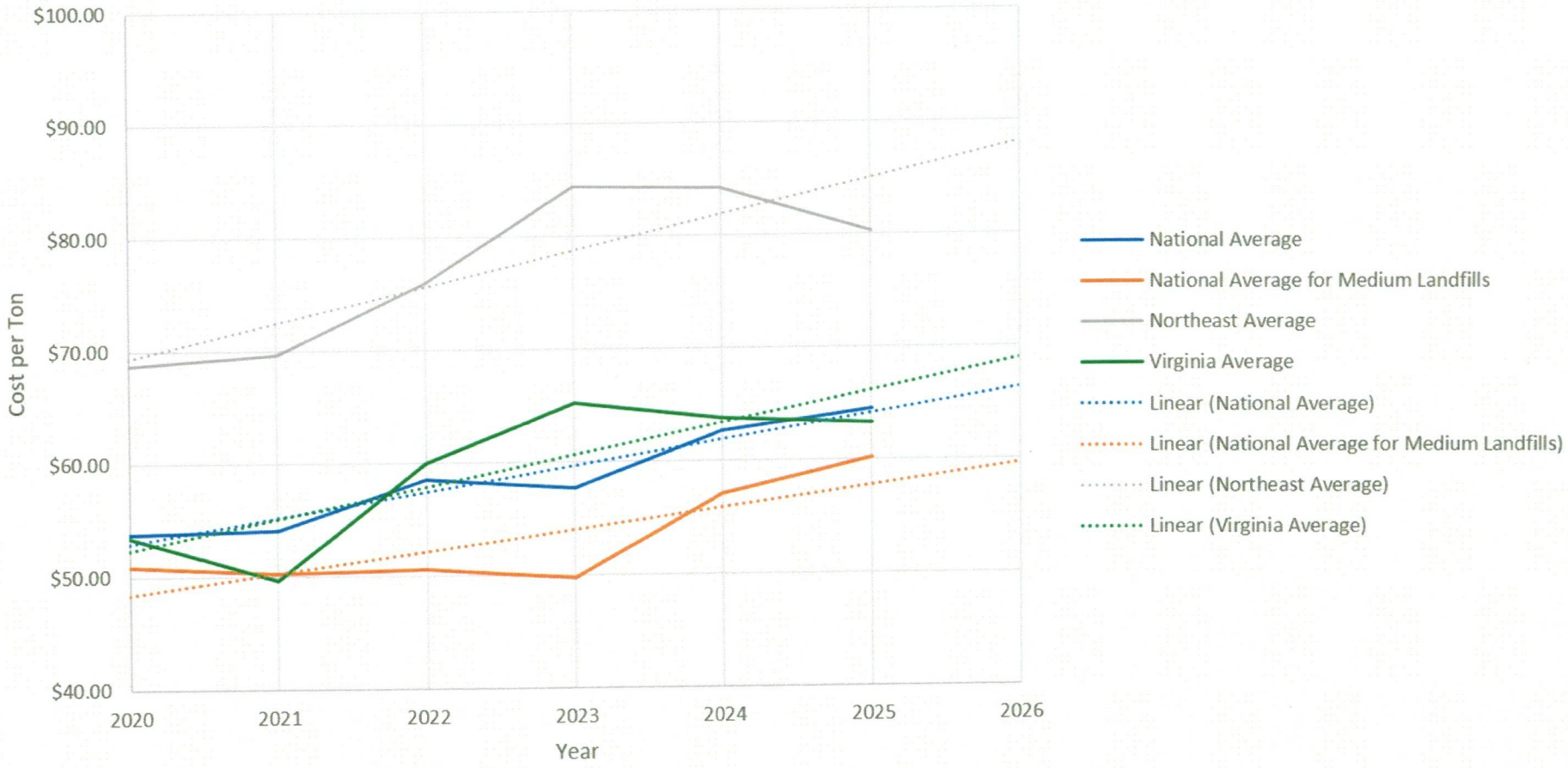
- **IN ACCORDANCE WITH ARTICLE IV SECTION 2 OF THE NEW RIVER RESOURCE AUTHORITY USER AGREEMENT FOR AUTHORITY MEMBERS, THOMPSON & LITTON HAS COMPLETED OUR THIRD-PARTY ANALYSIS OF THE NEW RIVER RESOURCE AUTHORITY'S BUDGET AND WASTE RATES.**

# WASTE RATES FOR OTHER FACILITIES

| Waste Rates for Other Facilities | | | | |
|---|---|---|---|---|
| Description | MSW | C&D | Tires | Clean Wood |
| Roanoke Valley Resource Authority | $55.00 | $65.75 | $255.00 | $37.00 |
| Blue Ridge Resource Authority | $60.50 | $60.50 | $275.00 | $47.80 |
| Bristol Virginia Landfill | - | | | |
| South Eastern Public Service Authority | $71.00 | $60.00 | $100.00 | NA |
| Northern Shenandoah Planning District | $54.00 | $63.00 | $1-$10 each | $36.00 |
| Frederick County | $64.00 | $58.00 | $200.00 | $64.00 |
| Region 2000 Service Authority | $44.00 | $44.00 | $2-$4 each | $44.00 |
| Carroll-Grayson-Galax SWA | $55.00 | $55.00 | $100.00 | $55.00 |
| Average | $57.64 | $58.04 | $186.00 | $47.30 |

- **The Environmental Research & Education Foundation (EREF) maintains a database of 300+ MSW landfills across the United States and publishes an annual report on waste rates based on annual tonnage accepted. The 2026 EREF annual report included the following:**
  - National Average Rate: $64.48 w/ year-over-year change of +3.53%
  - National Average Rate for Medium Landfills (65-390K Tons/Year): $60.07
    - 47% of the respondents to EREF survey were Medium Landfills
  - Northeast Average Rate: $80.26
  - Virginia Average Rate: $63.25 with a +/- $42.84 deviation due to lack of respondents

# WASTE RATE TRENDS



# WASTE RATE MODEL – EXPENSES CONSIDERED

- **Operating Expenses**
  - Administration Costs
  - Professional/Contract Services
  - Insurance
  - Support Services
  - Operations
  - Capital Improvement
- **Development and Closure Costs**
- **Equipment Cost**
- **Financial Assurance Cost**

# RESEARCH/ANALYSIS PERFORMED

- Analyzed the previous 11 years of waste rates, revenues, and expenses.
- Evaluated development/closure needs and established future development schedule.
- Evaluated equipment needs and established future replacement schedule.
- Evaluated financial assurance requirements to assure compliance with DEQ permits.
- For the 2026 waste rate study and financial model we performed a baseline analysis (Scenario 1).
- The goal is to maintain competitive and fair rates while maintaining solvency for the Authority.

# ASSUMPTIONS

- Calculated actual waste stream variation over the last five years and applied weighted averages to each waste stream (member and non-members).
- Assumed construction cost inflation is 5.0% annually as projected by industry experts.
- For the Development/Closure schedule, an average annual waste stream of 225,000 tons per year and a compaction rate of 1,600 lb/CY was utilized.
- Utilized current DEQ financial assurance forms to calculate requirements and necessary funding.
- Utilized 2.5% escalation for operating expenses year over year. No change from 2025 study.
- Average inflation rate for Financial Assurance over the last 17 years is 2.25%.
- Any excess revenue is applied to the Reserve Fund.
- Assumed no major regulatory changes in the future that would impact operations. Please note that future PFAS regulations and new financial assurance requirements could have significant impacts for the solid waste industry.

# REVIEW OF 2025 WASTE RATE STUDY PRESENTATION

| Scenario 1 - Baseline<br>Waste Rate Schedule ($/Ton) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Description | Actual | Actual | Actual | Actual | Actual | Year 0 | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
| | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27 | 27-28 | 28-29 | 29-30 | 30-31 |
| Gate Rate | $32.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $35.00 |
| Member Rate | - | $24.00 | $24.00 | $24.00 | $24.00 | $24.00 | $24.00 | $24.00 | $24.00 | $24.00 | $25.00 |
| POTW Sludge | $17.00 | $22.00 | $22.00 | $24.00 | $24.00 | $26.00 | $26.00 | $26.00 | $26.00 | $26.00 | $26.00 |
| MSW / CD Non-Member (Emergency) | $35.00 | $37.00 | $37.00 | $37.00 | $37.00 | $37.00 | $37.00 | $37.00 | $37.00 | $37.00 | $38.00 |
| Non-Friable Asbestos | $54.00 | $54.00 | $54.00 | $54.00 | $54.00 | $54.00 | $54.00 | $54.00 | $54.00 | $54.00 | $56.00 |
| Clean Wood | $20.00 | $25.00 | $25.00 | $25.00 | $25.00 | $30.00 | $30.00 | $30.00 | $30.00 | $30.00 | $32.00 |
| Tires | $200.00 | $200.00 | $200.00 | $240.00 | $300.00 | $340.00 | $340.00 | $340.00 | $340.00 | $340.00 | $350.00 |
| White Goods | $32.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $35.00 |

- **The 2025 Waste Rate model indicated a rate change was not necessary for the 2026-2027 fiscal year.**
  - The additional waste stream from the Wythe/Bland JPSA in fiscal year 2024–2025, along with the anticipated waste stream, had the most significant impact on the model.
  - Total Rate Increase of $1.00 by Fiscal Year 2030-2031.
  - Total Rate Increase of $2.00 by Fiscal Year 2031-2032. (Not Illustrated)

# WASTE INCREASE/DECREASE CALCULATION

| Annual Waste Stream Increase/Decrease and Weighted Average | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Source | Actual Tons | Actual Tons | Actual Tons | Actual Tons | Actual Tons | Actual Tons | Actual Tons | Actual Tons | Average Annual Change | Total Volume (Tons) | Percent of Total Waste Stream | Weighted Average Annual Change |
| | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | | | | |
| Pulaski County | 54,405 | 54,690 | 51,999 | 76,774 | 75,697 | 42,173 | 45,077 | 41,426 | -0.52% | 442,242 | 25.66% | -0.13% |
| Town of Dublin | 2,999 | 2,935 | 2,862 | 2,185 | 2,217 | 2,452 | 1,627 | 1,153 | -11.29% | 18,429 | 1.07% | -0.12% |
| City of Radford | 12,844 | 12,523 | 12,268 | 11,228 | 11,524 | 10,968 | 15,721 | 26,456 | 13.77% | 113,532 | 6.59% | 0.91% |
| Giles County | 13,708 | 14,111 | 16,187 | 16,750 | 14,792 | 17,997 | 20,165 | 15,881 | 3.13% | 129,591 | 7.52% | 0.24% |
| Montgomery County | 80,456 | 84,309 | 75,694 | 84,099 | 86,413 | 89,414 | 88,959 | 99,125 | 3.26% | 688,469 | 39.95% | 1.30% |
| Floyd County | 12,050 | 12,667 | 12,997 | 12,806 | 12,956 | 12,355 | 12,962 | 13,102 | 1.25% | 101,894 | 5.91% | 0.07% |
| Wythe/Bland | 3,550 | 4,288 | 4,817 | 5,095 | 5,534 | 11,117 | 25,941 | 36,535 | 46.09% | 96,875 | 5.62% | 2.59% |

- **Weighted Average Annual Change is used in the model to project future waste stream.**
- **The calculated weighted averages have minimal impact on the model and projected waste stream in the short term.**

# SCENARIO 1 BASELINE - WASTE RATE SCHEDULE

| Waste Rate Schedule ($/Ton) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Description | Actual | Actual | Actual | Actual | Actual | Year 0 | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
| | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27 | 27-28 | 28-29 | 29-30 | 30-31 | 31-32 |
| Gate Rate | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $35.00 | $36.00 |
| Member Rate | $24.00 | $24.00 | $24.00 | $24.00 | $24.00 | $24.00 | $24.00 | $24.00 | $24.00 | $25.00 | $26.00 |
| POTW Sludge | $22.00 | $22.00 | $24.00 | $24.00 | $26.00 | $26.00 | $26.00 | $26.00 | $26.00 | $28.00 | $30.00 |
| MSW / CD Non-Member (Emergency) | $37.00 | $37.00 | $37.00 | $37.00 | $37.00 | $37.00 | $37.00 | $37.00 | $37.00 | $38.00 | $39.00 |
| Non-Friable Asbestos | $54.00 | $54.00 | $54.00 | $54.00 | $56.00 | $56.00 | $56.00 | $56.00 | $56.00 | $56.00 | $56.00 |
| Clean Wood | $25.00 | $25.00 | $25.00 | $25.00 | $30.00 | $30.00 | $30.00 | $30.00 | $30.00 | $32.00 | $34.00 |
| Tires | $200.00 | $200.00 | $240.00 | $300.00 | $340.00 | $340.00 | $340.00 | $340.00 | $340.00 | $350.00 | $350.00 |
| White Goods | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $34.00 | $35.00 | $36.00 |

- **The 2026 Waste Rate model indicates a rate change is not necessary for the 2027-2028 fiscal year.**
  - The additional waste stream from non-members in fiscal year 2025–2026, along with the anticipated non-member waste stream, has the most significant impact on the model.
  - Total Rate Increase of $1.00 by Fiscal Year 2030-2031.
  - Total Rate Increase of $2.00 by Fiscal Year 2031-2032.

# SCENARIO 1 BASELINE - REVENUE VS EXPENSES

| Scenario 1 - Baseline<br>Revenue vs Expenses | | | | | | |
|---|---|---|---|---|---|---|
| Description | Year 0<br>26-27 | Year 1<br>27-28 | Year 2<br>28-29 | Year 3<br>29-30 | Year 4<br>30-31 | Year 5<br>31-32 |
| Revenue | $7,432,806 | $7,571,768 | $7,592,905 | $7,492,558 | $7,526,610 | $7,688,823 |
| Expenses | $6,740,000 | $6,908,800 | $7,080,500 | $7,255,300 | $7,433,200 | $7,614,300 |
| Surplus Revenue Applied to Reserve Fund | $692,806 | $662,968 | $512,405 | $237,258 | $93,410 | $74,523 |

- Revenue includes Tip Fee Revenue, Interests and Dividend Income, Gas to Energy, Miscellaneous Sales, and Reserve Transfers.
- Expenses include Operating Expenses and Transfers to Development/Closure Fund, Equipment Fund, and Environmental/Financial Assurance Fund.
- All surplus revenue is applied to reserve fund.

# RECOMMENDATIONS

- **NRRA needs to maintain current waste stream tonnage.**
- **NRRA needs to continue to identify and evaluate potential sources for increasing the waste stream. Ideally, the Authority should strive to maintain a waste stream of 225,000-250,000 tons per year.**
- **NRRA should continue to ensure compliance with regulatory requirements and participate in monetizing carbon credits through the Climate Action Reserve as long as the Authority is eligible.**
- **NRRA should continue applying excess revenue to reserve fund to maintain rates.**
- **NRRA should consider increasing the rate on POTW sludge to match gate rate. Members pay member rate.**
- **Rates should be examined on a quarterly basis with the budget committee utilizing the model to include waste stream and expense data as available after quarterly volume surveys.**
- **The overall goal should be to maintain competitive and fair rates while maintaining solvency for the Authority.**