



**AGENDA
NRRA BOARD MEETING
WEDNESDAY, OCTOBER 27, 2021
12:00 NOON
NEW RIVER RESOURCE AUTHORITY
DUBLIN, VIRGINIA:**

- I. ROLL CALL AND DETERMINATION OF QUORUM**
- II. APPROVAL OF OCTOBER 27, 2021 AGENDA**
- III. APPROVAL OF**
 - A. Minutes of September 22, 2021
- IV. ITEMS OF CONSENT**
 - A. NRRA Check List
 - B. Financial Statement
- V. ADMINISTRATION**
 - A. Executive Director's Report
 - B. Area D Phase II Pay Request 16
 - C. FOIA Requests Cost
 - D. Equipment Purchases
- VI. ENGINEERING**
 - A. Ingles Mountain
 - B. New River Solid Waste Management Area
 - C. West Fork Mitigation Project
- VII. PUBLIC COMMENTS**
- VIII. CLOSED MEETING** – Pursuant to Virginia Code Section 2.2-3711(a)(8) – Consultation with Legal Counsel on Investigation of Possible Data Breach

This agenda is subject to change at the discretion of the New River Resource Authority.

AT A MEETING OF THE NEW RIVER RESOURCE AUTHORITY
HELD ON SEPTEMBER 22, 2021 AT 10:00 AM,
NRRRA ADMINISTRATION BUILDING,
DUBLIN, VIRGINIA:

PRESENT: Mr. Barry Helms, Chairman
Mr. Paul Baker, Vice-Chair
Mr. Robert Asbury, Member
Dr. Chris Kiwus, Member
Mr. Andy McCready, Member
Mr. Tom Starnes, Member
Mr. Tye Kirkner, Member
Mr. Jared Linkous, Alternate

ABSENT: Mr. Jonathan Sweet, Member

STAFF: Mr. Joseph Levine, NRRRA Executive Director
Ms. Marjorie Atkins, NRRRA Recording Secretary
Mr. David Rupe, NRRRA

ATTENDEES/
GUESTS: Mr. Brian Tew, Thompson & Litton
Mr. Andrew Monk, Thompson & Litton
Mr. Chris Hale, Kalsor IT Consulting

Chairman Helms called the meeting to order at 10:00 am.

Mr. Baker made the motion to approve the agenda.

Mr. Helms noted that he would like to remove the Closed Meeting from the agenda. Dr. Kiwus and Mr. Asbury requested that an item regarding audit be added to the agenda. Mr. Helms stated Audit would be added as Item F. under the administration section.

The motion to approve the September 22, 2021 Agenda with amendments was made by Mr. Baker. The motion was seconded by Mr. McCready and approved by a recorded roll call vote of the Board as follows:

Mr. Asbury	<u>yes</u>	Mr. McCready	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Dr. Kiwus	<u>yes</u>	Mr. Linkous	<u>yes</u>
Mr. Kirkner	<u>yes</u>	Mr. Helms	<u>yes</u>

Mr. Helms opened the floor for comments regarding the New River Resource Authority "Board Code of Ethics". Mr. Helms noted that the first bullet point on page 1, needed to remove the words "laws" and "ordinances". Mr. Kirkner stated that he would like to present a handout of suggested revisions. (A copy of this handout is included with these minutes.) The revised copy added "Staff" and "managerial staff" to the code. Mr. Baker noted that staff are at will employees and subject to state codes, laws and policies of the Authority. Mr. McCready noted that on item 12, he would like to tighten up the language regarding contractors and vendors trying to influence Board members. Mr. Asbury stated that item 12 undergirded the conflict-of-interest statement that all board members have to file annually. Mr. Asbury and Mr. McCready agreed that language about the annual filing by individual board members should be added to the language of item 12.

Mr. Starnes noted that item 15 would prohibit a board member from talking to another member jurisdiction or talking/asking about whether a board member should/shouldn't be appointed/reappointed. Mr. Starnes added, that item 15 was not needed. Mr. Helms suggested adding the word "positive". "Does not preclude any positive comments"... Mr. McCready suggested adding "negatively" before influence.

Dr. Kiwus noted that NRRA Board members have responsibilities to NRRA and their member jurisdiction and that he would like to see wording regarding that included noting that sometimes there may be conflicts between the needs of NRRA and the member jurisdiction. He noted that maybe the appropriate State Code Section should be referenced. Mr. Asbury suggested, "NRRA Board Members acknowledge they carry the unique responsibility of representation of their member jurisdictions and the weight of the actions of the NRRA Board and responsibility for the Authority; by doing what is in the best interest of NRRA and its mission for disposal of solid waste." Mr. Asbury noted that most local governments have a model. Dr. Kiwus said that would complete the circle showing no conflict of interest. Mr. Kirkner said he had been researching the state code and would continue to do so. Mr. Helms thanked Mr. Kirkner for his continued work on the document. Item 17 will be added "dual responsibilities.

Mr. Helms stated that he did not think staff should be included in the revision. Mr. Baker agreed. Mr. Helms noted as Town Manager of Christiansburg, he was not included in the council's code of ethics. Mr. Starnes stated that the City Manager in Radford was not included in the council's code either.

To ensure consistency in the policies/codes, a copy of the Authority's Personnel Policies will be sent to all Board members.

Mr. Asbury thanked the Chairman for his efforts on the Code of Ethics.

As introduction to the Waste Rate Study and Financial Model (a copy of the report is attached to these minutes) from Thompson and Litton, Mr. Levine stated that the Authority has conducted tip fee analysis in prior years. During the process this year the Authority received a letter from Pulaski County PSA requesting a hold on rates for thirty-six months. Thompson and Litton removed the customer's name and included the tonnage in the analysis with the potential revenue. Mr. Linkous added that the PSA also had support for this request from the Pulaski County Board of Supervisors and the Town of Pulaski.

Mr. Brian Tew presented copies of the report to the Board. Page 2 displayed rates from other facilities in the area. Waste rates ranged from \$36.15 per ton to \$61.00 per ton. The Authority's current rate is \$34.00 per ton. National and Virginia averages were also discussed. Mr. Tew shared that Thompson and Litton does a lot of work on water and sewer projects. When funding is needed on a water project they go to VDH. VDH requires that rates be in a specific area or they will not loan the money. The rates must be in place to ensure the revenue stream is adequate for paying the loan back. Localities may also access the tax base for repayment. The Authority operates as an enterprise fund, it is self-funded through its revenue source, waste. The Authority has been able to fund equipment purchases and construction projects, but in the future may need to borrow funds. The banks will take a hard look at those rates.

The Waste Rate Model considered Operating Expenses, Development and Closure costs, equipment costs and Financial Assurance Costs. The model analyzed three previous years of waste rates, revenues and expenses. Previous study analyzed five previous years but due to anomalies in some of those years, the past three years were thought to be more accurate. Goal of the analysis was to maintain current member rates and minimize any potential increases.

Page 5 summarized the assumptions used. Point regarding updated closure schedule due to new DEQ permit requirements were discussed. The estimated closure for NRRA in these regulations was approximately 5.75 acres every five years. Mr. Asbury noted that compaction was the variable that the Authority could control somewhat. Mr. Monk added that annual volume surveys have to be submitted to DEQ annually for DEQ to determine when closure should occur. It is unknown how DEQ will enforce. Mr. Tew noted that the regulation would have the Authority incur closure costs quicker, potentially lose air space but would make the closure of sections would be a more scheduled event.

Page 6 included a review of the projected waste rate schedule presented in 2020. Page 7 was the three-year analysis of waste received and the percent changed from year to year. Each member's total annual waste received and the percentages were discussed.

Discussion regarding decrease in waste stream was discussed. Mr. Monk noted that recycling has decreased waste streams everywhere. Mr. Tew added that recycling has become more efficient and will continue to effect waste disposed. Trends in waste disposed at landfills will continue to decrease. Private haulers/landfills also impact waste received by the Authority. Mr. Levine noted that the pandemic had also changed the type of waste received (more residential, less industrial) making compaction decrease.

Page 8 presented Scenario 1 Baseline of per ton rates through 2027/2028. Any revenue over runs were placed in the next fiscal year for rate stabilization. Rates would increase each year. Page 10 presented Scenario 2 (with additional 32,000 tons per year for three years) holding rate at \$34.00 per ton. Scenario 2 rates were calculated assuming that the revenue generated from the 32,000 tons per year was guaranteed. Mr. Levine noted that the increased waste stream would not change the overall Authority expenses. The scenario also assumes that operations would be status quo for the next six years (maintain current waste streams for all members) otherwise rates and wastes would have to be revisited.

Mr. Linkous noted that in the past Pulaski County PSA had requested "PDR" money from NRRA to buy equipment needed to secure a contract for the additional waste stream from the industrial customer but that the PSA was not requesting that, just the holding of rates for thirty-six months. He stated that the PSA has increased rates to purchase the necessary equipment and hire personnel and that the increased tonnage would be beneficial to the PSA and NRRA.

Mr. Levine noted that the waste streams for all members would have to remain at least the same as in the analysis. Increases in prices for equipment, construction and materials was discussed. Mr. Asbury added that members would be in a "put or pay" situation, having to make up for revenue shortfalls if the tonnage was lower. Mr. McCready added there were too many variables that could not be foreseen to freeze rates. Mr. Kirkner added that the Board had to look at rates and be realistic and that rates would have to increase because everything is going up in price.

Mr. Asbury stated that he appreciated the analysis with all of the many variables so that member jurisdictions are not shocked with large increases. Mr. Linkous added that the PSA's rates have increased but that it now has a sliding fee scale on large volumes as a discount to help obtain additional business.

Mr. Levine noted that the presentation showed real numbers and using unplanned revenue to help stabilize rates.

Mr. McCready stated that the presentation showed rates were sufficient to grant the request, and asked the Board "Do we need to take action on this rate presentation?"

Mr. Helms answered that in the Administration section of the Agenda would be the appropriate time for any action from the Work Session.

Mr. Asbury noted that the Authority could not absorb the costs of a catastrophic event if rates were frozen.

Mr. Monk concluded that Thompson and Litton would provide updates quarterly regarding the information from the presentation.

The motion to approve the Minutes from the July 28, 2021 meeting was made by Mr. Baker. The motion was seconded by Mr. Starnes and approved by a recorded roll call vote of the Board as follows:

Mr. Asbury	<u>yes</u>	Mr. McCready	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Dr. Kiwus	<u>yes</u>	Mr. Linkous	<u>abstain</u>
Mr. Kirkner	<u>yes</u>	Mr. Helms	<u>yes</u>

Mr. Levine noted that on the July and August Check List all checks to "Frontline Logistics" were for tire disposal not "fuels and fluids",

The motion to approve the Check Lists for the months of July and August 2021, with the noted correction was made by Mr. McCready. The motion was seconded by Mr. Baker and approved by a recorded roll call vote of the Board as follows:

Mr. Asbury	<u>yes</u>	Mr. McCready	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Dr. Kiwus	<u>yes</u>	Mr. Linkous	<u>yes</u>
Mr. Kirkner	<u>yes</u>	Mr. Helms	<u>yes</u>

The motion to approve the Financial Statements for the months of July and August 2021 was made by Mr. Starnes. The motion was seconded by Mr. Baker and approved by a recorded roll call vote of the Board as follows:

Mr. Asbury	<u>yes</u>	Mr. McCready	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Dr. Kiwus	<u>yes</u>	Mr. Linkous	<u>yes</u>
Mr. Kirkner	<u>yes</u>	Mr. Helms	<u>yes</u>

Mr. Levine presented the Executive Director's Report. 33,276.79 tons of waste was managed in the month of July; 15,979.96 tons in August. Mr. Levine noted that totals (without Roanoke VRA waste in July) was below average for the Authority. Revenues were 28% above projections; expenses were near projections to date. Mr. Rupe and SCS Global continue to work on verification of carbon credits. Mr. Levine is participating in a Fee Study Group in Richmond. The fees are proposed to fund DEQ. The first proposed draft the group has seen would double NRRRA's current permit fees. The group is asking DEQ for accountability (costs for a landfill or transfer station inspection). A Waste Diversion Group will meet in October regarding a waste tax, meant to steer out of state waste away from Virginia. Proposed rate is \$5.00 per ton. Staff continues to work with Thompson and Litton to update conceptual plans. RFP's for tire disposal services have been received and are being reviewed. Staff is currently gathering information/evaluating compactors for a purchase. DEQ inspected the facility on August 12 and all previously noted deficiencies had been corrected. Mr. Dan Jensen (known as the Garbage Man) with forty years of experience in the industry visited NRRRA and evaluated the facilities and operations. Mr. Jensen will send a report of his visit. NRRRA had approximately 120 participants in the September Household Hazardous Waste Day. MRSWA will host an event on November 13.

At 12:15 pm, the Board took a five-minute break.

The meeting resumed at 12:20 pm.

The motion to allow Pulaski County to enjoy a rate of \$24.00 exclusively for James Hardie waste was made by Mr. McCready. Mr. Helms and Mr. Asbury noted that special rates for members was not allowed. Mr. McCready withdrew the motion. Mr. McCready noted that if Pulaski County PSA was successful in adding the new tonnage it would be advantageous to all but there were too many variables. Mr. Linkous stated that the PSA was making a similar commitment and that it would be difficult to go back and enter a contract without a commitment from the NRRRA Board. Mr. Starnes stated that he did not feel comfortable establishing a rate for the next three years. Mr. McCready asked if the Authority could set a rate for the specific material. Mr. Levine answered, no because the customer is a member. Rate stabilization goal is to try to keep rates stable and all members at the same rate. Mr. Levine recommended not placing guarantees or rates for customers because that would place member jurisdictions in a "put or pay" situation where revenues are guaranteed, no matter what. Mr. Linkous stated that reviewing the scenarios from the rate study, he felt like the potential of risk/reward would be worth it. Mr. Asbury stated that for record, "The Board has considered the request and has gone to considerable effort to obtain information to consider Pulaski County's request. At this time the Authority cannot guarantee a rate but offers the report as information in response to Pulaski County's request and is offered to all other member jurisdictions for their planning purposes. In continuing this discussion, the Board is stepping outside of the role of waste disposal and entering the area of contract negotiation." Mr. Kirkner stated that the Town of Dublin would recommend accepting the County's request.

The motion to accept a member rate of \$24.00 per ton for all members, as requested by Pulaski County PSA, for the next three years was made by Mr. Kirkner. The motion was seconded by Mr. Linkous and failed by a recorded roll call vote of the Board as follows:

Mr. Asbury	<u>no</u>	Mr. McCready	<u>yes</u>
Mr. Baker	<u>no</u>	Mr. Starnes	<u>no</u>
Dr. Kiwus	<u>no</u>	Mr. Linkous	<u>yes</u>
Mr. Kirkner	<u>yes</u>	Mr. Helms	<u>no</u>

The motion to ratify Area D, Pay Request 14, in the amount of \$715,847.68 was made by Mr. Baker. The motion was seconded by Mr. Asbury and approved by a recorded roll call vote of the Board as follows:

Mr. Asbury	<u>yes</u>	Mr. McCready	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Dr. Kiwus	<u>yes</u>	Mr. Linkous	<u>yes</u>
Mr. Kirkner	<u>yes</u>	Mr. Helms	<u>yes</u>

The motion to approve Area D, Pay Request 15 in the amount of \$462,877.82 was made by Mr. McCready. The motion was seconded by Mr. Starnes and approved by a recorded roll call vote of the Board as follows:

Mr. Asbury	<u>yes</u>	Mr. McCready	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Dr. Kiwus	<u>yes</u>	Mr. Linkous	<u>yes</u>
Mr. Kirkner	<u>yes</u>	Mr. Helms	<u>yes</u>

Total FOIA costs as discussed at the July meeting was \$59,906.38. Mr. Helms stated that after consultation with Mr. Estes, he did not think that the Authority could charge for some of the costs listed. It was agreed that definition of costs eligible and a total would be presented at the October meeting.

Dr. Kiwus thanked the Chairman for adding the Audit to the Agenda. He noted that since he had been on the Board that there had been several questions regarding contributions from and disbursement to member jurisdictions. He proposed adding to the scope of the audit and having the auditor summarize year by year those items.

The motion to increase the scope of the audit to review and summarize member revenues and disbursements to members by year, with running totals and updated in future audits and for the Executive Director to negotiate with the auditor for this service for an amount not to exceed \$7,500.00 was made by Dr. Kiwus. The motion was seconded by Mr. Asbury and approved by a recorded roll call vote of the Board as follows:

Mr. Asbury	<u>yes</u>	Mr. McCready	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Dr. Kiwus	<u>yes</u>	Mr. Linkous	<u>yes</u>
Mr. Kirkner	<u>no</u>	Mr. Helms	<u>yes</u>

Mr. McCready left the meeting at 12:50 pm.

Mr. Levine presented the Engineering Section of the Agenda.

Ingles Mountain – No report. Routine maintenance and mowing. Mr. Monk reported that Thompson and Litton is preparing a proposal for an assessment of Ingles Mountain facilities to ensure that the Authority is in compliance with all aspects.

NRSWMA – Mr. Monk reported that Chesapeake Containment will be onsite September 27, to begin liner work. Work will begin on closure area first. Financial Assurance work will be done in October. Thompson and Litton is updating all monitoring plans and is updating the conceptual plan with exhibits. The plan will also include a marketing plan.

West Fork – No report.

The Chairman invited public comments.

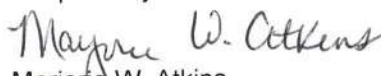
No comments were presented.

The motion to adjourn was made by Mr. Baker, seconded by Mr. Starnes and passed by unanimous consent.

The meeting adjourned at 1:05 pm.

The next regularly scheduled meeting of the Board of Directors of the Authority is scheduled for Wednesday, October 27, 2021, 12:00 noon, at 7100 Cloyd's Mountain Road.

Respectfully Submitted,


Marjorie W. Atkins
NRRRA Recording Secretary

Approved at _____ Board Meeting.

Barry Helms, Chair

Red----- suggestion to add

Underlined--- suggestion to delete

Green-- General Comments

NEW RIVER RESOURCE AUTHORITY BOARD /STAFF CODE OF ETHICS

The member jurisdictions and their respective residents of New River Resource Authority (NRRRA) are entitled to fair, ethical, accountable and effective governance. Such a governance requires that appointed public officials:

- Comply with both the letter and spirit of the laws, ordinances and policies of NRRRA.
 - Be independent, impartial and fair in their judgement and actions. Use their public office for the public good and not for personal gain.
 - Conduct public deliberations and processes openly.
 - Act with respect and civility.
1. NRRRA Board Members and managerial staff shall work for the common good of the people of member jurisdictions and not for any private or personal interest. They will treat all jurisdictions, persons, claims and transactions in a fair and equitable manner.
 2. NRRRA Board Members and managerial staff shall at all times refrain from abusive conduct, personal charges or verbal attacks upon the character or motives of other Board Members, boards, commissions, committees, staff or the public.
 3. NRRRA Board Members and managerial staff duties shall be performed in accordance with the rules properly established by the NRRRA. A NRRRA Board Member and managerial staff shall respect the decision by the NRRRA Board once it has been properly made by the board majority of the NRRRA Board.
 4. It is the responsibility of NRRRA Board Members to share information that is relevant to any matter under consideration that they have received from sources outside of the decision-making process with all other NRRRA Board Members. Do not recommend because it is unnecessary and a board member should not be expected to "share information outside of the decision-making process" if that information, for example, is direction from the member's jurisdiction.
 5. NRRRA Board Members and managerial staff shall interact with one another honestly, forthrightly, truthfully, and respectfully. Discussions shall focus on issues, policies and other substantive matters relating to the function of the NRRRA.
 6. NRRRA Board Members and managerial staff shall respect and preserve the confidentiality of information provided to them concerning the matters of the NRRRA. Except to officials of the member jurisdictions which they represent, NRRRA Board Members shall not disclose confidential information without proper legal authorization or use such information to advance their personal, financial or private interests.
 7. To the best of their ability, NRRRA Board Members shall represent the official policies

and positions of the NRRA. When representing **solely** their own personal opinions or positions, Board Members shall explicitly state that they do not represent the official position of the NRRA Board **or the member jurisdiction they represent**.

8. NRRA Board and **managerial staff** shall support and maintain a positive and constructive environment for residents, businesses, NRRA employees, and others involved in NRRA activities. NRRA Board Members shall listen to concerns and requests by members and residents and then pass that information to the NRRA Director **and the NRRA board**.
9. Board Members and **managerial staff** of the NRRA have the primary responsibility to ensure that ethical standards are understood and met, and that the public can continue to have full confidence in the integrity of the NRRA.
10. Board Members of the NRRA have the responsibility to intervene when actions of any Member of the **management staff** or Board Members appear to be in violation of this Code of Ethics.
11. Board Members and **managerial staff** shall seek to find and use the most equitable, effective, and economic means for getting a task accomplished.
12. Board Members and **managerial staff** ensure the integrity of the actions ^{of} of the NRRA Board by avoiding discrimination through the dispersing of, or requesting, special favors or unfair privileges to anyone, whether for remuneration or not. A **Board Member or a member of the managerial staff** should never request or accept for himself or herself or for family members, favors or benefits under circumstances which might be construed by reasonable persons as influencing the performance of governmental duties or employees.
13. Board Members and **managerial staff** should not make private promises of any kind binding upon the duties of the office, since a public servant has no private word which can be binding on public duty.
14. Board Members **should expose** through appropriate means and channels, corruption, misconduct, or **neglect of duty whenever discovered**. Board Members will follow the procedure of communicating directly with the Authority Chairperson of the Board. On personnel matters or matters relating to incidents, issues or problems, The Board Members and managerial staff will follow the procedure of communicating directly with the Chairperson. Especially in situations where Board Members might conceivably be construed as attempting to supervise, direct or interfere with Authority personnel and the performance of their duties. **The last sentence is too vague and overbroad and it needs to be deleted. It is confusing as to whether all questions and requests for information is to be directed to the Authority Board Chairman only.**
15. **No Board Member who represents another locality, and no managerial staff member, shall, by any means or at any time, contact, directly or indirectly, any official of a member jurisdiction in an effort to influence (1) the appointment (or re-appointment) of that member jurisdiction's NRRA board representative or (2) the position which any NRRA Board Member may take or the way in which such board member may vote on any NRRA issue.**
16. The Code of Ethics shall be affirmed by majority vote of NRRA Board Members during the first quarter of each calendar year.

Adopted by NRRA Board

Chair

Date



Waste Rate Study and Financial Model
PRESENTATION FOR THE NEW RIVER RESOURCE AUTHORITY



**THOMPSON
& LITTON**
EST.
1954

ENGINEERS ARCHITECTS SURVEYORS

WASTE RATES FOR OTHER FACILITIES

Waste Rates for Other Facilities					
Description	MSW	C&D	Tires	Clean Wood	ADC
Roanoke Valley Resource Authority	\$53.50	\$62.75	\$155.00	\$35.00	\$25.00
Blue Ridge Resource Authority	\$59.50	\$59.50	\$186.00	\$20.00	-
Bristol Virginia Landfill	\$36.15	\$36.15	\$140.22	\$45.12	-
South Eastern Public Service Authority	\$61.00	\$55.00	\$145.00	-	\$25.00
Northern Shenandoah Planning District	\$54.00	\$63.00	\$1-\$10 each	\$36.00	-
Fredrick County	\$52.00	\$47.00	\$120.00	\$52.00	-
Region 2000 Services Authority	\$40.25	\$40.25	\$2-\$4 each	\$40.25	\$40.25
Carroll-Grayson-Galax SWA	\$55.00	\$55.00	\$100.00	\$55.00	-
Average	\$51.43	\$52.33	\$141.04	\$40.48	\$30.08

- The Environmental Research & Foundation (EREF) maintains a database of 400+ MSW landfills across the United States and publishes an annual report on waste rates based on annual tonnage accepted. The 2020 annual report included the following:
 - National Average Rate: \$53.75 w/ year-over-year change of +3.3%
 - National Average Rate for Medium Landfills (60-390K Tons/Year): \$50.87
 - Northeast Average Rate: \$68.69 w/ year-over-year change of +3.24%
 - Virginia Average Rate: \$53.43 (year-over-year change not reported for individual states)

WASTE RATE MODEL – EXPENSES CONSIDERED

■ Operating Expenses

- Administration Costs
- Professional/Contract Services
- Insurance
- Support Services
- Operations
- Capital Improvement

■ Development and Closure Cost

■ Equipment Cost

■ Financial Assurance Cost

RESEARCH/ANALYSIS PERFORMED

- Analyzed previous 3 years of waste rates, revenues and expenses.
- Evaluated development/closure needs and established future schedule.
- Evaluated equipment needs and established future schedule.
- Evaluated financial assurance requirements to assure compliance with DEQ permits.
- For purposes of this presentation, we analyzed two scenarios which included a baseline analysis (Scenario 1) and the introduction of an additional 32,000 tons/year for a period of three years (Scenario 2).
- Goal of the analysis was to maintain current member rates and minimize any potential increases.

ASSUMPTIONS

- Calculated actual waste stream variation over the last three 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 Development/Closure schedule, an average annual waste stream of 220,000 tons per year and a compaction rate of 1600 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.
- Updated Closure schedule due to new DEQ permit requirements (Estimated Closure of approximately 5.75 acres every 5 years).
- Assumed 1.7% inflation rate for financial assurance calculations.
- Utilized any revenue overruns to offset proceeding year expenses.
- Assumed no major regulatory changes in the future that would impact operations

REVIEW OF 2020 WASTE RATE SCHEDULE PRESENTATION

Waste Rate Schedule (\$/Ton)

Description	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	27-28
Gate Rate	\$32.00	\$32.00	\$34.00	\$36.00	\$38.00	\$40.00	\$42.00	\$44.00	\$45.00
Member Rate	-	-	\$24.00	\$25.00	\$26.00	\$27.00	\$28.00	\$30.00	\$31.00
ADC Rate	\$17.00	\$17.00	\$24.00	\$25.00	\$26.00	\$27.00	\$28.00	\$30.00	\$31.00
MSW / CD Non-Member (Emergency)	\$35.00	\$35.00	\$37.00	\$39.00	\$41.00	\$43.00	\$45.00	\$47.00	\$48.00
VT Ash	\$7.00	\$7.00	\$10.00	\$15.00	\$20.00	\$25.00	\$28.00	\$30.00	\$31.00
Non-Friable Asbestos	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00
Clean Wood	\$20.00	\$20.00	\$25.00	\$25.00	\$26.00	\$27.00	\$28.00	\$30.00	\$31.00
Tires	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00
White Goods	\$13.50	\$13.50	\$34.00	\$36.00	\$38.00	\$40.00	\$42.00	\$44.00	\$45.00

WASTE INCREASE/DECREASE CALCULATION

Annual Waste Stream Increase/Decrease and Weighted Average									
Source	Actual Tons	Actual Tons	Actual Tons	Year 1 to 2	Year 2 to 3	Average Annual Change	Total Volume (Tons) (18-21)	Percent of Total Waste Stream	Weighted Average
	18-19	19-20	20-21	Change	Change	Change			
Pulaski County	54,405	54,690	51,999	0.52%	-4.92%	-2.20%	161,094	29.70%	-0.65%
Town of Dublin	2,999	2,935	2,862	-2.13%	-2.51%	-2.32%	8,796	1.62%	-0.04%
City of Radford	12,844	12,523	12,268	-2.50%	-2.03%	-2.27%	37,635	6.94%	-0.16%
Giles County	13,708	14,111	16,187	2.94%	14.71%	8.82%	44,007	8.11%	0.72%
Montgomery County	80,456	84,309	75,694	4.79%	-10.22%	-2.71%	240,459	44.34%	-1.20%
Floyd County	12,050	12,667	12,997	5.12%	2.61%	3.87%	37,714	6.95%	0.27%
Wythe/Bland	3,550	4,288	4,817	20.79%	12.34%	16.57%	12,654	2.33%	0.39%
Total	180,012	185,522	176,825				542,359		

SCENARIO 1 BASELINE - WASTE RATE SCHEDULE

Scenario 1 - Baseline										
Waste Rate Schedule (\$/Ton)										
Description	Actual	Actual	Actual	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	27-28
Gate Rate	\$32.00	\$32.00	\$32.00	\$34.00	\$34.00	\$34.00	\$36.00	\$38.00	\$40.00	\$42.00
Member Rate	-	-	-	\$24.00	\$24.00	\$24.00	\$26.00	\$28.00	\$30.00	\$32.00
ADC Rate	\$17.00	\$17.00	\$17.00	\$22.00	\$22.00	\$22.00	\$26.00	\$28.00	\$30.00	\$32.00
MSW / CD Non-Member (Emergency)	\$35.00	\$35.00	\$35.00	\$37.00	\$37.00	\$37.00	\$39.00	\$41.00	\$43.00	\$45.00
VT Ash	\$7.00	\$7.00	\$7.00	\$10.00	\$10.00	\$10.00	\$26.00	\$28.00	\$30.00	\$32.00
Non-Friable Asbestos	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$57.00	\$60.00	\$63.00	\$66.00
Clean Wood	\$20.00	\$20.00	\$20.00	\$25.00	\$25.00	\$25.00	\$27.00	\$29.00	\$31.00	\$33.00
Tires	\$100.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$210.00	\$220.00	\$230.00	\$240.00
White Goods	\$32.00	\$32.00	\$32.00	\$34.00	\$34.00	\$34.00	\$36.00	\$38.00	\$40.00	\$42.00

SCENARIO 1 BASELINE - REVENUE VS EXPENSES

Scenario 1 - Baseline							
Revenue vs Expenses							
Description	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	21-22	22-23	23-24	24-25	25-26	26-27	27-28
Revenue	\$4,985,570	\$4,933,230	\$4,916,130	\$5,270,550	\$5,588,270	\$5,921,170	\$6,252,310
Expenses	\$5,064,900	\$4,997,800	\$4,862,700	\$5,219,800	\$5,659,000	\$5,850,500	\$6,044,300
Amount Applied from Previous Year	\$204,186	\$124,856	\$60,286	\$113,716	\$164,466	\$93,736	\$164,406
Adjusted Expenses	\$4,860,714	\$4,872,944	\$4,802,414	\$5,106,084	\$5,494,534	\$5,756,764	\$5,879,894
Amount Applied to Proceeding Year	\$124,856	\$60,286	\$113,716	\$164,466	\$93,736	\$164,406	\$372,416

SCENARIO 2 32,000 TONS/YEAR FOR 3 YEARS - WASTE RATE SCHEDULE

Scenario 2 - 32,000 Tons/Year for 3 Years										
Waste Rate Schedule (\$/Ton)										
Description	Actual 18-19	Actual 19-20	Actual 20-21	Year 0 21-22	Year 1 22-23	Year 2 23-24	Year 3 24-25	Year 4 25-26	Year 5 25-27	Year 6 27-28
Gate Rate	\$32.00	\$32.00	\$32.00	\$34.00	\$34.00	\$34.00	\$34.00	\$34.00	\$34.00	\$40.00
Member Rate	-	-	-	\$24.00	\$24.00	\$24.00	\$24.00	\$24.00	\$24.00	\$30.00
ADC Rate	\$17.00	\$17.00	\$17.00	\$22.00	\$22.00	\$22.00	\$22.00	\$24.00	\$24.00	\$30.00
MSW / CD Non-Member (Emergency)	\$35.00	\$35.00	\$35.00	\$37.00	\$37.00	\$37.00	\$37.00	\$37.00	\$37.00	\$43.00
VT Ash	\$7.00	\$7.00	\$7.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$30.00
Non-Friable Asbestos	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$57.00
Clean Wood	\$20.00	\$20.00	\$20.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$27.00
Tires	\$100.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$210.00
White Goods	\$32.00	\$32.00	\$32.00	\$34.00	\$34.00	\$34.00	\$34.00	\$34.00	\$34.00	\$36.00

- Waste rates were calculated assuming that revenue generated from the 32,000 tons/year is guaranteed.

SCENARIO 2 32,000 TONS/YEAR FOR 3 YEARS - REVENUE VS EXPENSES

Scenario 2 - 32,000 Tons/Year for 3 Years							
Revenue vs Expenses							
Description	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	21-22	22-23	23-24	24-25	25-26	26-27	27-28
Revenue	\$4,985,570	\$5,701,230	\$5,684,130	\$5,668,610	\$4,893,870	\$4,885,690	\$5,894,290
Expenses	\$5,064,900	\$4,997,800	\$4,862,700	\$5,219,800	\$5,659,000	\$5,850,500	\$6,044,300
Amount Applied from Previous Year	\$204,186	\$124,856	\$828,286	\$1,649,716	\$2,098,526	\$1,333,396	\$368,586
Adjusted Expenses	\$4,860,714	\$4,872,944	\$4,034,414	\$3,570,084	\$3,560,474	\$4,517,104	\$5,675,714
Amount Applied to Proceeding Year	\$124,856	\$828,286	\$1,649,716	\$2,098,526	\$1,333,396	\$368,586	\$218,576

RECOMMENDATIONS

- **NRRA should establish a universal member rate and gate rate with no differentiation between MSW and ADC**
- **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**

**NRRA CHECKLIST
FOR THE MONTH OF SEPTEMBER 2021**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT PAID</u>	<u>EXPLANATION</u>
500.02	CAPITAL ONE - (WAL-MART)	\$34.36	BOARD DIRECT EXPENSE
520.03	ANTHEM BLUE CROSS & BLUE SHIELD	\$33,299.09	HOSPITALIZATION/MEDICAL
520.04	MINNESOTA LIFE INSURANCE CO.	\$452.19	LIFE INSURANCE
520.08	NORTONLIFE LOCK INC.	\$112.84	MISC. BENEFITS - WELLNESS
520.08	NATIONAL BANK	\$231.87	MISC. BENEFITS
520.08	FLEXIBLE BENEFIT ADMIN., INC.	\$506.50	MISC. BENEFITS
520.08	CINTAS	\$304.33	MISC. BENEFITS
520.08	SUPER SHOES STORE	\$148.49	MISC. BENEFITS/SAFETY BOOTY
520.08	PERSONNEL CONCEPTS	\$1,129.72	MISC. BENEFITS
520.10	CINTAS	\$928.32	UNIFORMS
520.11	DELTA DENTAL	\$1,397.96	DENTAL
601.01	ESTES LAW & CONSULTING	\$69.00	LEGAL
601.01	ESTES LAW & CONSULTING	\$1,897.50	LEGAL
601.01	ESTES LAW & CONSULTING	\$2,967.00	LEGAL
601.01	SPOTTSFAIN	\$3,395.50	LEGAL
603.01	THOMPSON & LITTON, INC.	\$742.00	ENGINEERING - GENERAL
603.01	THOMPSON & LITTON, INC.	\$1,235.00	ENGINEERING - GENERAL
603.01	SCS GLOBAL SERVICES	\$4,062.50	ENGINEERING - GENERAL
603.01	SCS ENGINEERS	\$2,945.60	ENGINEERING - GENERAL
603.01	SCS ENGINEERS	\$5,530.00	ENGINEERING - GENERAL
604.01	DARRYL J. GILLESPIE, PC	\$1,200.00	ACCOUNTING
608.11	LABELLA ASSOCIATES	\$420.00	GW MONITORING PROGRAM
608.11	LABELLA ASSOCIATES	\$300.00	GW MONITORING PROGRAM
609.01	LEE SUPPLY CO, INC.	\$976.11	LANDFILL GAS MANAGEMENT PROGRAM
609.01	ARC3 GASES, INC.	\$44.40	LANDFILL GAS MANAGEMENT PROGRAM
609.01	LEE SUPPLY CO, INC.	\$407.87	LANDFILL GAS MANAGEMENT PROGRAM
609.01	LEE SUPPLY CO, INC.	\$214.76	LANDFILL GAS MANAGEMENT PROGRAM
608.14	FEDEX	\$166.30	SURFACE WATER TESTING - NRSWMA
702.10	TAYLOR OFFICE SUPPLY	\$598.59	OFFICE EQUIPMENT & SUPPLIES
702.10	PULASKI COUNTY (IT)	\$300.00	OFFICE EQUIPMENT & SUPPLIES
702.10	NATIONAL BANK	\$150.50	OFFICE EQUIPMENT & SUPPLIES
702.10	COBB TECHNOLOGIES	\$813.67	OFFICE EQUIPMENT & SUPPLIES
702.10	TAYLOR OFFICE SUPPLY	\$606.10	OFFICE EQUIPMENT & SUPPLIES
702.10	KALSOR IT CONSULTING	\$319.39	OFFICE EQUIPMENT & SUPPLIES
702.10	KALSOR IT CONSULTING	\$334.88	OFFICE EQUIPMENT & SUPPLIES
703.10	U.S. POSTAL SERVICE	\$84.00	POSTAGE - BOX RENTAL
706.10	NATIONAL BANK	\$190.00	MEETINGS & TRAVEL
706.10	JOE LEVINE	\$295.68	MEETINGS & TRAVEL
751.80	APPALACHIAN POWER	\$2,943.76	ELECTRICITY
751.80	CITY OF RADFORD	\$27.10	ELECTRICITY
751.80	VML/VACO AEP STEERING COMMITTEE	\$906.00	ELECTRICITY
752.50	ALL POINTS BROADBAND	\$99.95	TELEPHONE SERVICE - INTERNET
752.50	HOMETOWN SECURITY, INC.	\$255.00	TELEPHONE SERVICE
752.50	NATIONAL BANK	\$49.99	TELEPHONE SERVICE
752.50	TELRITE CORPORATOIN	\$30.62	TELEPHONE SERVICE

**NRRA CHECKLIST
FOR THE MONTH OF SEPTEMBER 2021
PAGE 2**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT PAID</u>	<u>EXPLANATION</u>
753.81	PUBLIC SERVICE AUTHORITY	\$4,200.31	LEACHATE TREATMENT - NRSWMA
753.81	CITY OF RADFORD	\$12.24	LEACHATE TREATMENT
753.81	JEFF PEAKS PLUMBING, LLC	\$1,400.00	LEACHATE TREATMENT
753.81	GRAINGER	\$717.80	LEACHATE TREATMENT
753.81	AYERS & SONS SEPTIC, LLC	\$375.00	LEACHATE TREATMENT
753.90	GRAINGER	\$87.06	SCALE SERVICE
753.90	AYERS & SONS SEPTIC, LLC	\$675.00	SCALE SERVICE
754.10	CINTAS	\$1,336.07	SUPPLIES & MAINTENANCE
754.10	BROWN EXTERMINATING CO.	\$105.00	SUPPLIES & MAINTENANCE
754.10	CAPITAL ONE - (WAL-MART)	\$229.58	SUPPLIES & MAINTENANCE
754.10	NEW RIVER HEATING & AIR	\$1,142.00	SUPPLIES & MAINTENANCE
754.10	NEW RIVER HEATING & AIR	\$2,499.54	SUPPLIES & MAINTENANCE
754.10	CRYSTAL SPRINGS	\$304.24	SUPPLIES & MAINTENANCE
754.10	GRAINGER	\$115.44	SUPPLIES & MAINTENANCE
754.10	GRAINGER	\$262.56	SUPPLIES & MAINTENANCE
754.10	CAVALIER SUPPLY CO., INC.	\$256.85	SUPPLIES & MAINTENANCE
754.10	AYERS & SONS SEPTIC, LLC	\$100.00	SUPPLIES & MAINTENANCE
754.10	AYERS & SONS SEPTIC, LLC	\$100.00	SUPPLIES & MAINTENANCE
801.01	LIZETH F. JACKSON #180	\$250.00	GENERAL MAINTENANCE
801.01	LIZETH F. JACKSON #181	\$250.00	GENERAL MAINTENANCE
801.01	LIZETH F. JACKSON #183	\$250.00	GENERAL MAINTENANCE
801.01	LIZETH F. JACKSON #184	\$250.00	GENERAL MAINTENANCE
802.01	GREGORY SEEDING AND LANDSCAPING	\$27,000.00	SEEDING
803.01	NORTHWEST ACE HARDWARE	\$117.87	TOOLS & SUPPLIES - GENERAL
803.01	ARC3 GASES, INC.	\$508.87	TOOLS & SUPPLIES - GENERAL
803.01	SNAP-ON	\$684.24	TOOLS & SUPPLIES - GENERAL
805.10	HOLSTON RIVER	\$2,858.60	GRAVEL
807.11	ROANOKE HOSE & FITTINGS, INC.	\$174.55	MISC. MAINT.
807.21	CARTER MACHINERY COMPANY, INC.	\$503.58	TEREX 390
807.28	ROANOKE HOSE & FITTINGS, INC.	\$587.29	INTERNATIONAL WATER TRUCK
807.34	ROANOKE HOSE & FITTINGS, INC.	\$181.69	CAT D6T
807.38	CARTER MACHINERY COMPANY, INC.	\$297.74	TACHEUCHI EXCAVATOR
807.38	ROANOKE HOSE & FITTINGS, INC.	\$86.91	TACHEUCHI EXCAVATOR
807.38	O'REILLY AUTOMOTIVE, INC.	\$518.48	TACHEUCHI EXCAVATOR
807.44	JAMES RIVER EQUIPMENT	\$3,645.92	JD DOZER 1050
807.47	MEADE TRACTOR	\$656.20	JD GATOR
807.48	JAMES RIVER EQUIPMENT	\$1,899.26	BOWMAG COMPACTOR
807.49	KING'S TIRE SERVICE, INC.	\$135.00	CAT 745
809.18	GILBERT AUTO PARTS	\$50.08	1997 VAN 4X4

**NRRA CHECKLIST
FOR THE MONTH OF SEPTEMBER 2021
PAGE 3**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT PAID</u>	<u>EXPLANATION</u>
809.26	KING'S TIRE SERVICE, INC.	\$625.00	LIGHT TRAILER
809.32	GILBERT AUTO PARTS	\$235.61	INTERNATIONAL TANDEM DUMP TRUCK
809.32	PULASKI COUNTY FLEET SERVICE	\$317.43	INTERNATIONAL TANDEM DUMP TRUCK
809.36	DUNCAN	\$931.11	2007 FORD F-550
813.02	NATIONAL BANK	\$63.51	FUELS & FLUIDS
813.02	GREAT LAKES PETROLEUM	\$6,497.45	FUELS & FLUIDS
813.02	GREAT LAKES PETROLEUM	\$376.80	FUELS & FLUIDS
813.02	VALICOR ENVIRONMENTAL	\$57.45	FUELS & FLUIDS
920.05	THE PATRIOT	\$120.00	HHW CONTRACT SERVICES
920.05	MXI ENVIRONMENTAL SERVICES, LLC	\$11,374.00	HHW CONTRACT SERVICES
920.06	FRONTLINE LOGISTICS INC.	\$3,386.25	TIRE DISPOSAL
920.06	FRONTLINE LOGISTICS INC.	\$3,311.00	TIRE DISPOSAL
920.06	FRONTLINE LOGISTICS INC.	\$3,244.35	TIRE DISPOSAL
125	THOMPSON & LITTON, INC.	\$443,933.20	AREA D
125	SALEM STONE	\$18,944.62	AREA D
125	DEER & COMPANY	\$21,999.14	JD GATOR
125	AMERICAN SCALE COMPANY	\$29,733.80	REPLACE INBOUND SCALE

PAYROLL:

NET PAYROLL	\$65,975.94
VA DEPARTMENT OF TAXATION	\$4,971.78
US TREASURY DEPARTMENT	\$27,829.20
ICMARC	\$3,771.20
MINNESOTA LIFE INSURANCE CO.	\$452.19
AFLAC	\$714.62
BUREAU OF CHILD SUPPORT ENFORCEMENT	\$649.00

TOTAL	\$673,100.13
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NEW RIVER RESOURCE AUTHORITY

Balance Sheet

As of September 30, 2021

	Sep 30, 21
ASSETS	
Current Assets	
Checking/Savings	
100.01 CASH O & M NBB	1,020,294.78
100.02 CASH DEV & CLOSURE NBB	7,000,199.11
100.03 CASH INGLES NBB	995,331.97
100.04 CASH EQUIPMENT FUND	1,415,319.37
100.05 CASH ENVIRONMENTAL FUND	83,708.44
100.06 PETTY CASH - NBB	2,700.38
100.07 FLEXIBLE SPENDING ACCT	8,430.96
100.08 CASH VRS UNFUNDED LIAB	339,408.41
108.01 NBB FINANCIAL ASSURANCE	8,852,966.35
109.01 NBB - INGLES FUNDS	2,059,208.49
110.01 CASH - ENVIR FUND INVEST	1,029,616.59
111.01 INGLES ENVIR FUND INVES	1,029,616.60
Total Checking/Savings	23,836,801.45
Accounts Receivable	
ACCOUNTS RECEIVABLE	
190.20 ACCOUNTS RECEIVABLE	661,621.43
Total ACCOUNTS RECEIVABLE	661,621.43
Total Accounts Receivable	661,621.43
Other Current Assets	
125.00 A/R OFFSET	-661,621.43
180 A/R	1,254,554.05
192 DEF OUTFLOWS-PENSION	378,898.00
194 PREPAID INSURANCE	33,299.00
CIP	-132,104.59
DEFERRED OUTFLOWS-OPEB	22,155.00
Total Other Current Assets	895,180.03
Total Current Assets	25,393,602.91
Other Assets	
120 LAND	1,087,105.64
125 LANDFILL & FACILITIES	41,937,451.02
126 ACC DEP LANDFILL & FACILI	-26,052,537.74
130 EQUIPMENT	7,614,947.22
131 ACC DEP EQUIPMENT	-5,060,392.00
145 VEHICLES	339,849.47
146 ACC DEPR VEHICLES	-265,227.00
Total Other Assets	19,601,196.61
TOTAL ASSETS	44,994,799.52
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
202 ACCOUNTS PAYABLE	50.00
Total Accounts Payable	50.00

NEW RIVER RESOURCE AUTHORITY
Balance Sheet
As of September 30, 2021

	Sep 30, 21
Other Current Liabilities	
203 ACCOUNTS PAYABLE	63,037.68
208 STATE WITHHELD	-2,356.88
211 ACCRUED PAYROLL	58,007.73
212 457 PLAN	-3,615.28
213 AFLAC PAYABLE	6,533.57
215 ACCRUED ANNUAL LEAVE	192,684.52
216 PR TAX DUE ACCRUED LEAVE	14,740.37
218 CHILD SUPPORT	649.00
219 ACCRUED FLEX SPENDING	-421.91
240 CLOSURE COST LIABILITY	9,024,106.00
241 DEFER INFLOW OF RES-PENSI...	103,672.00
241.01 LOAN PAYABLE-HAUL TRUCK	404,427.50
243 DEFER INFLOW OF RES-OPEB	8,188.00
244 VRS - NET PENSION LIABILITY	638,207.00
245 VRS OPEN LIABILITY (HIC)	-4,855.00
246 VRS - OPER LIABILITY (GLI)	92,429.00
Payroll Liabilities	-322.05
Total Other Current Liabilities	10,595,111.25
Total Current Liabilities	10,595,161.25
Total Liabilities	10,595,161.25
Equity	
318 RETAINED EARNINGS	28,512,398.09
319 UNRESTRICTED NET ASSET	4,392,928.43
Net Income	1,494,311.75
Total Equity	34,399,638.27
TOTAL LIABILITIES & EQUITY	44,994,799.52

NEW RIVER RESOURCE AUTHORITY

Profit Loss Budget Performance

SEPTEMBER 2021

	SEPT 2021	JULY TO SEPT 2021	Annual Budget	Budget Balance	% Budget
Revenue:					
402 REVENUE - PULASKI COUNTY	93,479.60	285,348.65	1,109,000.00	823,651.35	26%
403 REVENUE - RADFORD CITY	15,874.74	45,473.44	208,525.00	163,051.56	22%
404 REVENUE - DUBLIN TOWN	2,719.44	8,125.79	33,875.00	25,749.21	24%
405 REVENUE -GILES COUNTY	32,321.16	93,685.12	370,280.00	276,594.88	25%
406 REVENUE MSW - MRSWA	153,054.24	562,524.55	1,787,925.00	1,225,400.45	31%
410 INTEREST INCOME/DIVIDEND INCOME	11,541.08	65,658.08	200,000.00	134,341.92	33%
414 REVENUE - NON-MEMBER	117,199.71	1,742,578.37	1,232,905.00	(509,673.37)	141%
415 REVENUE - MISC. SALES	0.00	0.00	50,000.00	50,000.00	0%
498 GAS TO ENERGY REVENUE	12,638.83	32,451.09	75,000.00	42,548.91	43%
Total Operating Revenue	438,828.80	2,835,845.09	5,067,510.00	2,231,664.91	56%
Expense:					
500.01 BOARD COMPENSATION	2,550.00	7,650.00	40,800.00	33,150.00	19%
500.02 BOARD EXPENSES	34.36	363.92	6,000.00	5,636.08	6%
500.03 TRAVEL & MEETINGS	0.00	0.00	500.00	500.00	0%
501.05 SALARIES & WAGES F/T	29,075.26	101,507.96	395,000.00	293,492.04	26%
501.15 SALARIES & WAGES O/T	0.00	0.00	2,000.00	2,000.00	0%
502.05 SALARIES & WAGES F/T	67,006.18	226,902.57	870,000.00	643,097.43	26%
502.15 SALARIES & WAGES O/T	5,664.66	14,902.64	26,100.00	11,197.36	57%
511.00 BANK ADMIN FEES	106.09	712.64	2,000.00	1,287.36	36%
512.00 TRUST FUND EXPENSE	1,824.26	5,463.20	0.00	(5,463.20)	
520.01 FICA	7,839.99	25,392.35	90,000.00	64,607.65	28%
520.02 VRS RETIREMENT	6,490.56	19,579.67	100,000.00	80,420.33	20%
520.03 HOSPITAL/MEDICAL	24,972.33	91,570.51	460,000.00	368,429.49	20%
520.04 LIFE INSURANCE	1,367.61	4,060.75	15,500.00	11,439.25	26%
520.05 VEC UNEMPLOYMENT INS	0.00	110.35	500.00	389.65	22%
520.06 WORKER COMPENSATION INS	0.00	21,908.00	35,000.00	13,092.00	63%
520.07 MEDICAL EXPENSES	0.00	0.00	3,000.00	3,000.00	0%
520.08 MISCELLANEOUS BENEFITS	2,307.31	10,204.73	20,000.00	9,795.27	51%
520.10 UNIFORMS/SPECIAL CLOTH	928.32	1,681.08	16,000.00	14,318.92	11%
520.11 DENTAL INSURANCE	1,397.96	4,587.42	19,000.00	14,412.58	24%
601.01 LEGAL	8,329.00	38,362.50	30,000.00	(8,362.50)	128%
603.01 ENGINEERING- GENERAL	14,515.10	55,913.37	330,000.00	274,086.63	17%
603.02 ENGINEERING -SURVEYING	0.00	1,436.06	25,000.00	23,563.94	6%
603.03 FINANCIAL ASSURANCE	0.00	0.00	25,000.00	25,000.00	0%
604.01 ACCOUNTING	1,200.00	3,600.00	18,000.00	14,400.00	20%
605.01 AUDITOR	0.00	0.00	15,000.00	15,000.00	0%
608.11 GW TEST & REPORT NRSWMA	720.00	720.00	35,000.00	34,280.00	2%
608.14 SURFACE WATER TESTING	166.30	4,814.06	8,000.00	3,185.94	60%
609.01 LANDFILL GAS MANAGEMENT PROC	1,503.51	15,767.99	50,000.00	34,232.01	32%
630.01 DEQ PERMIT FEE	0.00	19,924.68	25,000.00	5,075.32	80%
660.10 GENERAL LIABILITY	0.00	5,739.00	9,000.00	3,261.00	64%
660.30 HEAVY EQUIP INSURANCE	0.00	7,575.00	11,000.00	3,425.00	69%
660.40 VEHICLE INSURANCE	0.00	9,030.00	11,000.00	1,970.00	82%
660.60 EMPLOYEE BOND	0.00	265.00	500.00	235.00	53%
660.70 PHYSICAL PROPERTY	0.00	5,892.00	12,000.00	6,108.00	49%
702.10 OFFICE EQUIPMENT & SUPPLIES	3,123.13	5,367.64	30,000.00	24,632.36	18%
703.10 POSTAGE	84.00	84.00	5,500.00	5,416.00	2%

NEW RIVER RESOURCE AUTHORITY
Profit Loss Budget Performance
SEPTEMBER 2021

	SEPT 2021	JULY TO SEPT 2021	Annual Budget	Budget Balance	% Budget
705.10 TRAINING & EDUCATION	0.00	49.00	5,000.00	4,951.00	1%
706.10 MEETING & TRAVEL	485.68	823.08	8,000.00	7,176.92	10%
708.10 DUES & ASSOC MEMBERSHPS	0.00	318.00	1,500.00	1,182.00	21%
709.10 ADVERTISEMENTS	0.00	0.00	12,000.00	12,000.00	0%
710.10 PROMOTIONS	0.00	0.00	5,000.00	5,000.00	0%
751.80 ELECTRICITY	3,876.85	10,187.73	40,000.00	29,812.27	25%
752.50 COMMUNICATION SERVICES & ALAF	435.56	3,172.13	20,000.00	16,827.87	16%
753.81 WATER AND WASTE WATER SYSTEI	6,705.35	20,004.69	45,000.00	24,995.31	44%
753.90 SCALE SERVICE	762.06	1,769.98	4,000.00	2,230.02	44%
754.10 SUPPLIES & MAINTENANCE - GENE	6,451.28	14,382.34	40,000.00	25,617.66	36%
770.10 GAS SERVICE	0.00	0.00	18,000.00	18,000.00	0%
780.10 POST CLOSURE CARE	0.00	(118.80)	25,000.00	25,118.80	0%
790.10 WEST FORK PROPERTY	0.00	0.00	5,000.00	5,000.00	0%
801.01 GENERAL MAINTENANCE	1,000.00	3,786.00	25,000.00	21,214.00	15%
802.01 BMP GENERAL	27,000.00	27,386.84	40,000.00	12,613.16	68%
803.01 TOOLS & SUPPLIES GENERAL	1,310.98	1,948.47	5,000.00	3,051.53	39%
805.10 GRAVEL-M.S.W. AREA	(623.78)	9,222.65	60,000.00	50,777.35	15%
807.01 EQUIPMENT BUDGET	8,686.62	24,775.64	350,000.00	325,224.36	7%
809.01 VEHICLE PARTS & MAINT	2,159.23	3,215.51	25,000.00	21,784.49	13%
810.20 HEAVY EQUIPMENT RENTAL	0.00	0.00	10,000.00	10,000.00	0%
813.02 FUELS AND FLUIDS	6,026.41	36,806.25	220,000.00	183,193.75	17%
920.05 HHW CONTRACT SERVICES	11,494.00	11,494.00	40,000.00	28,506.00	29%
920.06 TIRE PROGRAM	9,941.60	35,167.65	80,000.00	44,832.35	44%
Total Operating Expenses	266,917.77	915,480.25	3,824,900.00	2,909,419.75	24%
Net Operating Income	171,911.03	1,920,364.84	1,242,610.00	(677,754.84)	155%
Non-Operating Expenses					
847. DEPRECIATION	138,162.58	414,487.74	1,066,201.00	651,713.26	39%
848 APPRECIATION- TRUST FUND	31,523.51	12,733.00	0.00	(12,733.00)	
Budget Reserve Transfer	0.00	0.00	(510,000.00)	(510,000.00)	0%
Total Non Operating Expenses	169,686.09	427,220.74	556,201.00	128,980.26	77%
Net Income	2,224.94	1,493,144.10	686,409.00	(806,735.10)	218%



October 18, 2021

MEMORANDUM:

TO: NEW RIVER RESOURCE AUTHORITY BOARD MEMBERS

**FROM: JOSEPH R. LEVINE, P.E.
EXECUTIVE DIRECTOR**

A handwritten signature in blue ink, appearing to read "JRL", is placed to the right of the printed name.

SUBJECT: EXECUTIVE DIRECTOR'S REPORT

This report includes the following:

- Waste Stream Report for September 2021
- Operations Summary

In summary of the Balance Sheet, revenues to date are 31% above projections and expenses are near projections to date. The amount transferred to the Development/Closure and Equipment Fund for the month of September 2021, was \$174,031.22. The total year to date transferred to the Development/Closure Fund, Equipment Fund and Environmental Fund is \$712,677.79.

Operations Summary

September 15, Dave Rupe met with Matt Driscoll with Labella to inspect and discuss maintenance to the landfill active gas recovery system at Ingles Mountain Sanitary landfill.

September 21, NRRA received three responses to the tire disposal RFP. Staff is working on the agreement with the legal counsel.

September 23, Robbie Graham with Pepper's Ferry Wastewater Treatment Facility was on site to conduct the annual technical inspection.

September 23, Dave Rupe met with Sandy Warner with CHA to discuss the update to the Health and Safety Plan.

September 23, Dave Rupe met with Hometown Security at the West Fork Mitigation site to evaluate the potential for security cameras at the command center. NRRA has applied for a grant for this project through VRSA.

September 27, Chesapeake Containment Systems was on site to start the installation of the synthetic liner for the Area D project which includes the landfill closure areas and the Area D landfill cells.

On Thursday afternoons, October 7 through November 4, Marjorie Atkins is attending the Woods Rogers 40th Annual Labor and Employment Webinar.

October 12, I conducted a tour with Ken Dunford, Tazewell County Engineer. In addition to being the county engineer, Mr. Dunford oversees the operation of the landfill.

October 13, I attended the first meeting of the Waste Diversion and Recycling Task Force. The task force was directed under Senate Bill 1319. The group is expected to meet several times before reporting the findings and recommendation no later than November 1, 2022.

October 13, NRRA received a draft CRT Verification report from SCS Global. Once complete, the report will be submitted to the Climate Action Reserve (CAR) Voluntary GHG Offset Program for verification.

October 14, Dave Rupe attended a virtual regulatory training session conducted by SWANA.

October 14, VDEQ representative were onsite to inspect the landfill and the Area D Construction project.

October 18, I conducted a facility tour with Craig Meadows, County Administrator and Steve Fijalkowski, Montgomery County Board of Supervisors Chairman. Mr. Fijalkowski serves on the MRSWA Board representing Montgomery County.

October 22, I will be in Richmond for the fourth meeting of the Non-Hazardous Solid Waste Fee Study working group for DEQ.

WASTE STREAM REPORT FOR
SEPTEMBER 2021

MEMBER JURISDICTION	MUNICIPAL SOLID WASTE	CONST. DEBRIS	CLEAN WOOD	POTW/IND	ASH	TIRES	TOTALS	% OF TOTAL
TOWN OF DUBLIN	110.51	0.00	0.00	0.00	0.00	0.00	110.51	
DUBLIN INDUST./COMMERCIAL	45.92	51.20	3.71	0.00	0.00	0.63	101.46	
DUBLIN PRIVATE	0.73	0.24	0.00	0.00	0.00	0.00	0.97	
DUBLIN TOTAL	157.16	51.44	3.71	0.00	0.00	0.63	212.94	1.32
GILES COUNTY P. S. A.	1134.71	24.96	14.35	0.00	0.00	0.00	1174.02	
GILES CO. INDUST./COMMERCIAL	18.07	382.39	128.15	20.12	0.00	0.10	548.83	
GILES COUNTY PRIVATE	9.08	1.29	0.12	0.00	0.00	0.00	10.49	
GILES COUNTY TOTAL	1161.86	408.64	142.62	20.12	0.00	0.10	1733.34	10.77
MONTGOMERY REGIONAL SWA	5834.86	0.00	0.00	0.00	0.00	0.00	5834.86	
MONTGOMERY COUNTY	16.51	42.08	0.00	315.74	0.00	5.31	379.64	
MONTGOMERY COUNTY	5851.37	42.08	0.00	315.74	0.00	5.31	6214.50	38.60
PULASKI COUNTY P. S. A.	2654.92	282.32	14.78	631.85	0.00	19.46	3603.33	
PULASKI CO. IND./COMMERCIAL	175.18	1196.33	77.85	322.06	0.00	6.18	1777.60	
PULASKI COUNTY PRIVATE	22.12	17.56	5.68	0.00	0.00	0.00	45.36	
PULASKI COUNTY TOTAL	2852.22	1496.21	98.31	953.91	0.00	25.64	5426.29	33.70
CITY OF RADFORD	618.49	0.00	0.00	0.00	0.00	0.00	618.49	
RADFORD INDUST./COMMERCIAL	167.42	31.38	0.71	0.00	0.00	1.53	201.04	
RADFORD PRIVATE	1.77	0.18	0.32	0.00	0.00	0.00	2.27	
RADFORD UNIVERSITY	152.54	0.00	0.53	0.00	0.00	0.00	153.07	
RADFORD TOTAL	940.22	31.56	1.56	0.00	0.00	1.53	974.87	6.05
NON MEMBERS								
FLOYD COUNTY	1128.73	3.51	0.00	0.00	0.00	0.00	1132.24	7.03
WYTHE/BLAND CO.	231.36	11.24	0.00	163.65	0.00	0.00	406.25	2.52
ROANOKE VR AUTH.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NRRA TOTALS	12322.92	2044.68	246.20	1453.42	0.00	33.21	16100.43	100.00

WASTE STREAM REPORT FOR											
JANUARY - DECEMBER 2020											
MONTH	MSW	CONST. DEBRIS	PALLETS	BRUSH/ CLEAN WOOD	SP WASTE w/ USER FEE	SP WASTE w/o USER FEE	TIRES	TOTALS	YTD TONS		
January 2020	15320.26	1389.67	64.71	12.17	1556.43	563.92	17.77	18924.93	18924.93		
February 2020	10596.17	1642.06	61.45	18.43	1531.70	195.05	25.75	14070.61	32995.54		
March 2020	12547.24	1254.90	57.38	94.83	1644.15	0.00	13.56	15612.06	48607.60		
April 2020	13101.21	1327.47	74.92	58.48	1163.77	48.90	9.64	15784.39	64391.99		
May 2020	12519.13	1162.25	52.01	59.82	1119.83	0.00	36.99	14950.03	79342.02		
June 2020	12772.50	1005.08	37.52	54.40	1343.54	0.00	31.90	15244.94	94586.96		
July 2020	12419.27	1783.48	0.00	66.10	1605.65	0.00	49.74	15924.24	110511.20		
August 2020	12488.50	607.34	0.00	84.08	1405.59	0.00	54.36	14639.87	125151.07		
September 2020	12566.76	627.38	0.00	111.69	1292.36	0.00	37.62	14635.81	139786.88		
October 2020	12137.09	987.35	0.00	118.30	1268.20	0.00	46.33	14557.27	154344.15		
November 2020	25219.51	1111.96	0.00	85.94	1381.81	0.00	26.80	27826.02	182170.17		
December 2020	11986.51	635.89	0.00	105.88	1343.61	0.00	25.52	14097.41	196267.58		
NRRA TOTALS	163674.15	13534.83	347.99	870.12	16656.64	807.87	375.98	196267.58			
WASTE STREAM REPORT FOR											
JANUARY - DECEMBER 2021											
MONTH	MSW	CONST. DEBRIS	CLEAN WOOD	SP WASTE w/ USER FEE	SP WASTE w/o USER FEE	TIRES	TOTALS	YTD TONS			
January 2021	9864.99	1628.86	60.44	1324.13	0.00	29.33	12907.75	12907.75			
February 2021	9754.00	603.68	67.40	1249.83	0.00	21.86	11696.77	24604.52			
March 2021	13251.82	874.62	159.98	1816.73	0.00	89.70	16192.85	40797.37			
April 2021	30193.21	1235.89	80.12	2597.77	0.00	26.88	34133.87	74931.24			
May 2021	29943.28	1739.16	74.93	1509.49	0.00	31.49	33298.35	108229.59			
June 2021	33554.44	927.94	68.09	1447.77	0.00	90.12	36088.36	144317.95			
July 2021	30832.08	1050.53	83.37	1275.13	0.00	35.68	33276.79	177594.74			
August 2021	13085.43	1341.37	116.49	1383.33	0.00	53.34	15979.96	193574.70			
September 2021	12322.92	2044.68	246.20	1453.42	0.00	33.21	16100.43	209675.13			
October 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
November 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
December 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
NRRA TOTALS	182802.17	11446.73	957.02	14057.60	0.00	411.61	209675.13				

Account Name	Pay Request Expenditures	Expenditures to Date	Budget	Balance
INFRASTRUCTURE	\$3,495.81	\$965,310.77	\$1,500,000.00	\$531,193.42
Engineering #1 @	\$0.00	\$208,943.00	\$215,880.00	\$6,937.00
LFG Contract #1	\$0.00	\$16,485.99	\$25,000.00	\$8,514.01
*^CONSTRUCTION - MAIN ST.	\$0.00	\$2,507,599.35	\$2,507,599.35	\$0.00
**CONSTRUCTION - Phase II	\$849,510.79	\$1,131,533.79	\$4,087,467.00	\$2,106,422.42
***Construction Contingency	\$0.00	\$37,654.58	\$494,986.00	\$457,331.42
****QA-QC #1	\$0.00	\$342,889.00	\$342,889.00	\$0.00
Stone (purchased by NRRA)	\$19,444.54	\$105,146.48	\$2,000,000.00	\$1,875,408.98
Liner (purchased by NRRA)	\$0.00	\$520,917.20	\$530,000.00	\$9,082.80
Misc. Legal, etc.	\$0.00	\$3,300.00	\$135,000.00	\$131,700.00
TOTAL	\$872,451.14	\$5,839,780.16	\$11,838,821.35	\$5,126,590.05



October 19, 2021

MEMORANDUM:

TO: NEW RIVER RESOURCE AUTHORITY BOARD MEMBERS

FROM: JOSEPH R. LEVINE, P.E. 
EXECUTIVE DIRECTOR

**SUBJECT: REQUEST APPROPRIATION FOR PURCHASE OF A LANDFILL
COMPACTOR AND A HYDRAULIC EXCAVATOR**

The approved Budget for 2020/2021 requested \$250,000 for the purchase of a hydraulic excavator. Utilizing the Sourcwell (formally NJPA) which is the national direct purchase organization, Carter Machinery quoted a 2021 Cat 313 for \$239,714. The approved Budget for 2021/2022 requested \$220,000 for the lease purchase of a landfill compactor. Carter Machinery quoted a CAT 836 for \$1,249,500 through Sourcwell with a sixty-month, 10,000-hour warranty, which includes travel time and mileage. Carter Machinery also included a buyback purchase of the compactor of \$160,000 at 10,000 hours. The estimated delivery of the equipment is six to nine months. Carter Machinery will have an annual increase January 1 for unsecured purchases. The increase is anticipated to be about 5%.

VML/VACo Financing provided preliminary interest rates for 5 years at 1.5% and 7 years at 1.75%. The NRRA Equipment fund balance as of September 30, 2021 is \$1,415,319.

The basis for the equipment and budgetary recommendations are a result from the staff's evaluation of the approved budget, equipment schedule, Thompson & Litton tip fee analysis, operational needs, and current market conditions.

It is recommended the Board accept the bid from Carter Machinery for the CAT 313 for \$239,714.

It is recommended the Board accept the bid from Carter Machinery for the CAT 836 landfill compactor for \$1,249,500 with the guarantee buy back of \$160,000 within 10,000 hours.

If accepted, it is recommended the Board appropriate \$400,000 from the Equipment Fund towards the lease purchase. The remaining balance of the financing will be procured within the approved Budget amount of \$220,000.

Once approved the Executive Director will coordinate with legal counsel on the purchase agreement documents.