

AT A MEETING OF THE NEW RIVER RESOURCE AUTHORITY
HELD ON WEDNESDAY, MARCH 23, 2022, AT NOON,
NRRA ADMINISTRATION BUILDING,
DUBLIN, VIRGINIA:

PRESENT: Mr. Barry Helms, Chairman
Mr. Paul Baker, Vice-Chair
Mr. Robert Asbury, Member
Mr. Dirk Compton, Member
Mr. Steve Fijalkowski, Member
Mr. Tye Kirkner, Member
Mr. Tom Starnes, Member
Mr. Jonathan Sweet, Member

STAFF: Mr. Joseph Levine, NRRA Executive Director
Ms. Marjorie Atkins, NRRA Recording Secretary
Mr. David Rupe, NRRA Purchasing & Compliance
Mr. Howard Estes, NRRA Legal Counsel
Mr. Thad Ball, NRRA
Ms. Sherry Johnson, NRRA

GUESTS: Mr. Andrew Monk, Thompson & Litton
Mr. Bob Dick, SCS Engineers
Mr. Ryan Duckett, SCS Engineers
Mr. Chris Hale, Kalsor Consulting

Chairman Helms called the meeting to order.

The motion to approve the March 23, 2022, Agenda was made by Mr. Baker. The motion was seconded by Mr. Sweet and approved by a recorded roll call vote of the Authority as follows:

Mr. Asbury	<u>yes</u>	Mr. Kirkner	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Mr. Compton	<u>yes</u>	Mr. Sweet	<u>yes</u>
Mr. Fijalkowski	<u>yes</u>	Mr. Helms	<u>yes</u>

The motion to approve the minutes of the February 23, 2022, Board Meeting was made by Mr. Starnes. The motion was seconded by Mr. Fijalkowski and approved by a recorded roll call vote of the Authority as follows:

Mr. Asbury	<u>yes</u>	Mr. Kirkner	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Mr. Compton	<u>yes</u>	Mr. Sweet	<u>yes</u>
Mr. Fijalkowski	<u>yes</u>	Mr. Helms	<u>yes</u>

The Check List for the month of February 2022 was presented. Mr. Levine noted that because of staff absences at the end of January, some vendors were on the February check list twice (for January and February payments).

The motion to approve the Check List for February was made by Mr. Baker. The motion was seconded by Mr. Asbury and approved by a recorded roll call vote of the Authority as follows:

Mr. Asbury	<u>yes</u>	Mr. Kirkner	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Mr. Compton	<u>yes</u>	Mr. Sweet	<u>no</u>
Mr. Fijalkowski	<u>yes</u>	Mr. Helms	<u>yes</u>

The Financial Statement for February 2022 was presented.

The motion to approve the Financial Statements as of February 28, 2022, as presented was made by Mr. Asbury. The motion was seconded by Mr. Baker and approved by a recorded roll call vote of the Authority as follows:

Mr. Asbury	<u>yes</u>	Mr. Kirkner	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Mr. Compton	<u>yes</u>	Mr. Sweet	<u>yes</u>
Mr. Fijalkowski	<u>yes</u>	Mr. Helms	<u>yes</u>

Mr. Levine presented the Executive Director's Report. Revenue was 38.7% above projections; expenses were 7% below projections. 19,111.79 tons of waste was managed in February. On March 1, the Title V and annual compliance certification was submitted to DEQ. On March 4, Wythe County and Bland County administrators were onsite for a tour of the facility. On March 7, staff submitted the annual Solid Waste Information and Assessment (SWIA) report to DEQ. The report is due by April 1 each year.

Pay Request 21 for the Area D Phase II was included in the agenda package.

The motion to approve the Area D Phase II Project Pay Request 21 in the amount of \$272,430.90 was made by Mr. Baker. The motion was seconded by Mr. Sweet and approved by a recorded roll call vote of the Authority as follows:

Mr. Asbury	<u>yes</u>	Mr. Kirkner	<u>yes</u>
Mr. Baker	<u>yes</u>	Mr. Starnes	<u>yes</u>
Mr. Compton	<u>yes</u>	Mr. Sweet	<u>yes</u>
Mr. Fijalkowski	<u>yes</u>	Mr. Helms	<u>yes</u>

Mr. Levine presented the Engineering Section of the Agenda.

Ingles Mountain – Blower for gas recovery system was repaired and has been re-installed.

NRSWMA – Mr. Monk reported the Area D substantial completion inspection was on March 10. Main Street Builders has been provided with a punch list and once it is completed everything will be submitted to DEQ for a Certificate to Operate (CTO). Several additional items, including sediment pond clean outs and installation of a litter fence have been added to the project list.

Mr. Dick presented information on “Landfill Gas Collection and Control System. The original system was installed in 2008. NRRRA has voluntarily participated in the program to reduce emissions for approximately fourteen years. This has allowed the Authority to monetize the credits. A copy of the slides from the presentation are attached to these minutes.

West Fork – Mr. Monk reported no changes at property. It is unlikely that DEQ or the Army Corps of Engineers will inspect the site in 2022.

The Chairman invited Public Comments.

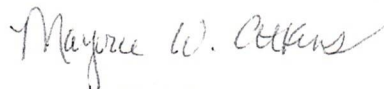
No comments were presented.

The motion to adjourn the meeting was made by Mr. Baker, seconded by Mr. Starnes and the meeting adjourned by consensus.

The meeting adjourned at 12:50 pm.

The next scheduled meeting of the Authority is scheduled for Wednesday, April 27, 2022, 12:00, NOON at 7100 Cloyd's Mountain Road.

Respectfully Submitted,



Marjorie W. Atkins
NRRRA Recording Secretary

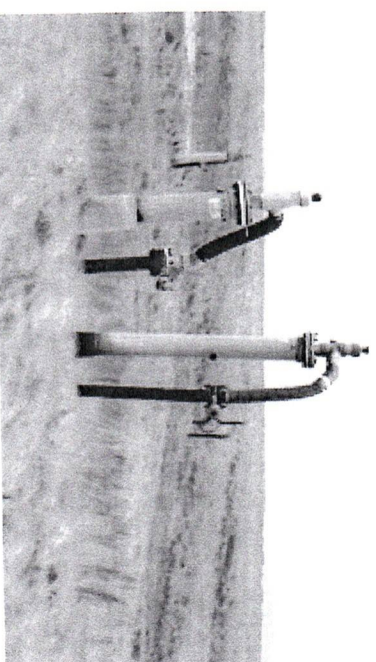
Approved at 27 Apr 22 Board Meeting.

Barry Helms, Chair



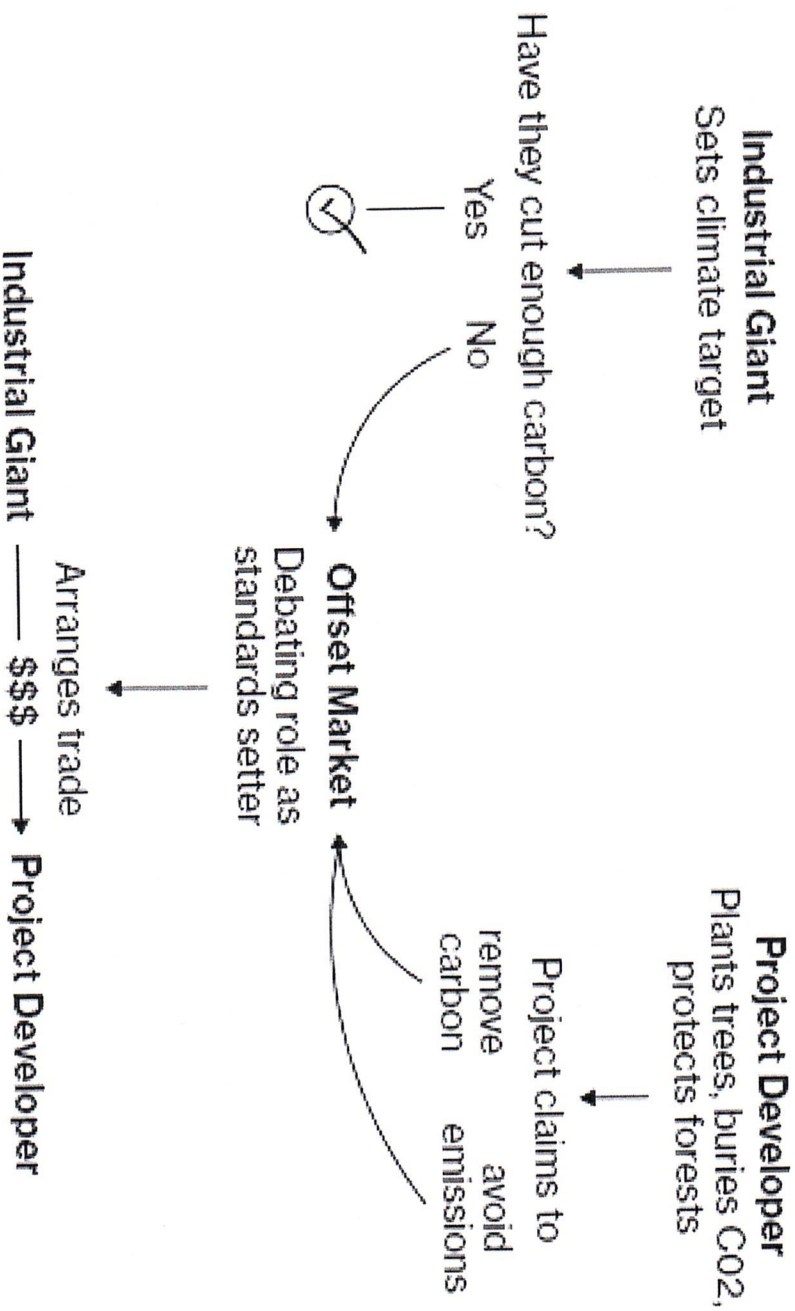
LFG Collection & Control System

- LFGCCS benefits:
 - Reduce fugitive LFG emissions – safety & environmental controls
 - Beneficial utilization of gas – LFG to Energy
 - Generation of voluntary emissions reduction credits
- Development, maintenance, operations, and expansion of system allow for increased benefits



Voluntary Emissions Credits

- GHG emissions reductions relative to a baseline



Voluntary Registry/Program

- CAR → Climate Action Reserve
 - 10-yr crediting period, annual credit “vintages”
- Credits are CRTs (Climate Reserve Tonnes)
- Participant for >10 yrs – start date Oct 2008



CLIMATE
ACTION
RESERVE

CRT Generation Process

10-yr renewal

(prev. Jan 2018) →

1. Registration

Continuous →

2. Routine Operations & Monitoring

Every 1 to 2 yrs

3. Compile Info/Generate Report

4. 3rd-Party Verification

5. Climate Action Reserve Review/Approval

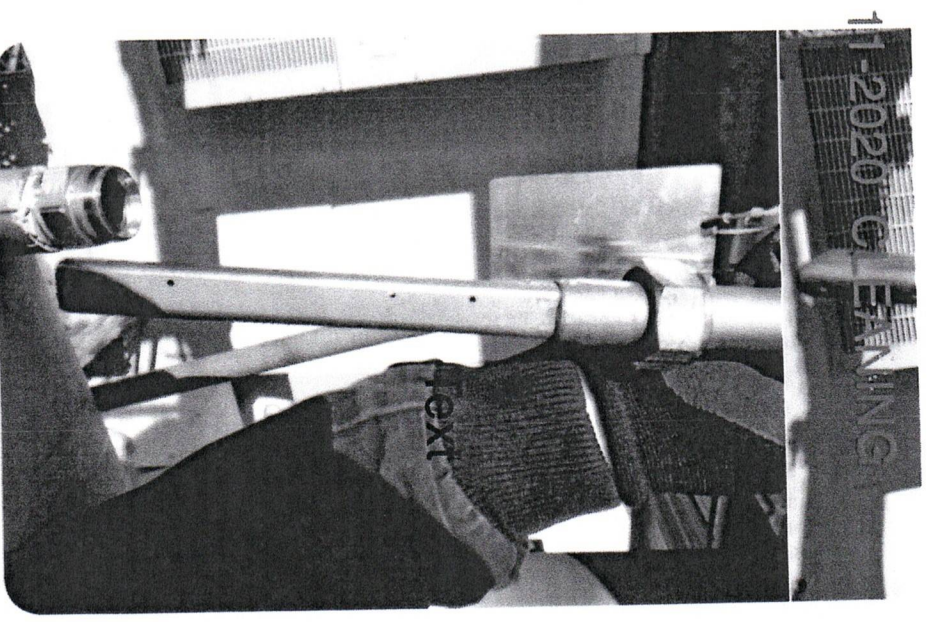
Follows credit generation →

6.

2.

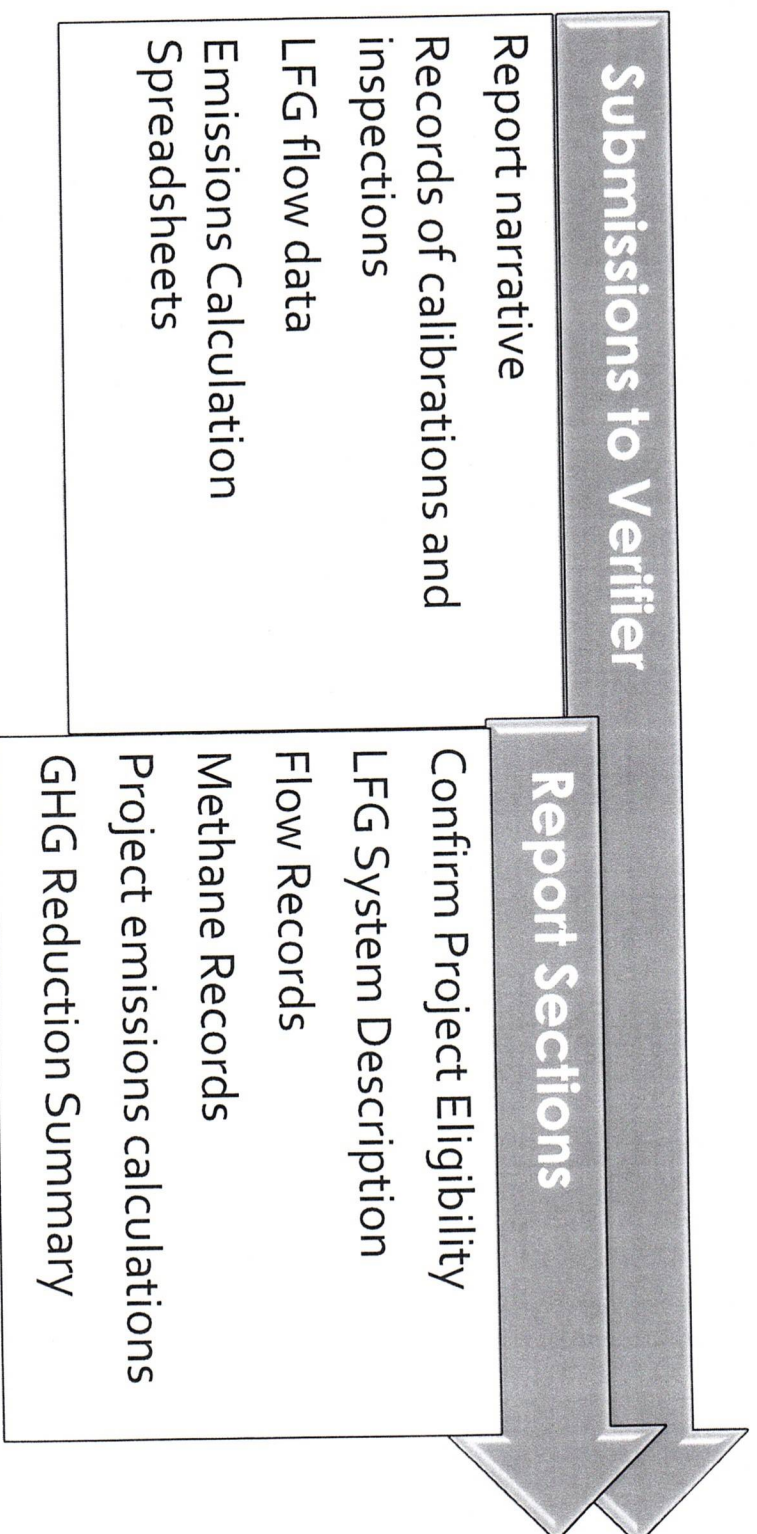
Operations & Monitoring

- Annual Flowmeter Calibration
- Weekly/Quarterly LFG Collection Equipment Inspections
- LFG Flow Data Review & Analysis
- Gas Quality Readings
 - Weekly methane % testing
 - Calibration of gas analyzer
- Records pertaining to project deductions (propane, fuel oil, electricity, etc.)



November 2020 flowmeter inspection

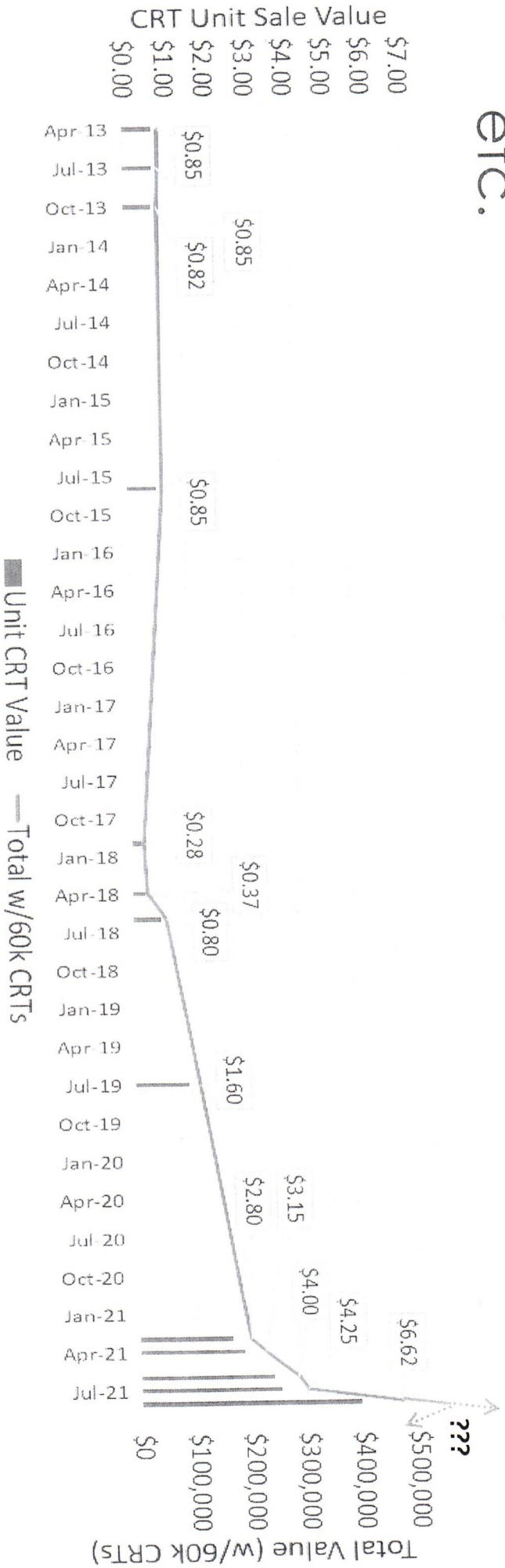
Reporting to Verifier



- Verifier confirms submitted content and issues their own report to CAR

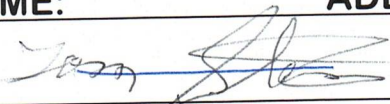
Historical Credits & Value

- 11k – 65k CRTs generated per year since v2008
- Valued at ~\$1.00 to ~\$3.00 apiece
- Annual costs include O&M, verifier, administration, etc.



**NRRA
PUBLIC COMMENT
REGISTRATION
MARCH 23, 2022**

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. 	Board member	
2.		
3.		
4.		
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