



**REQUEST FOR INFORMATION**

**POLYMER PERFORMANCE EVALUATION**

**2021-WR-RFI-1**

**MARCH 2021**

**CLAYTON COUNTY WATER AUTHORITY  
1600 Battle Creek Road, Morrow, Georgia 30260**

**Testing period: From March 1, 2021 through September 30, 2021**

## 1.1 Performance Evaluation Overview

This is an invitation to your firm to participate in Polymer Performance Evaluation at our three Water Reclamation Facilities and one Water Production Facility. Vendors are encouraged to bring their products to our facilities and run a series of tests to determine which product(s) they would like to run through our performance evaluation process. As always the polymer product(s) CCWA are currently running will be the competition. The test will have two phases and both phases must be completed successfully at the sole discretion of CCWA for approval as a polymer to be used in our Water Reclamation system. Testing will run from March 1<sup>st</sup> 2021 through September 30<sup>th</sup> 2021. Any and all polymer(s) deemed “successful” will be included in our 2022 Annual Chemical RFB. Each vendor wanting to participate in the polymer performance evaluation must first submit the request to each facility per the attached form.

## 1.2 Performance Evaluation Process

- 1.2.1 Phase 1: The vendor must, at their expense, supply five (5) gallon pail of the product(s) of their choice and run an approximately six (6) to eight (8) hour performance evaluation test. CCWA staff in conjunction with the vendor will monitor and document the performance. If the product is close to the performance of what CCWA’s current polymer being used the vendor may elect to move to Phase 2 of the performance evaluation process.
- 1.2.2 Phase 2: The vendor must, at their expense, supply a tote of the same polymer for the next and second round of an extended performance evaluation run of approximately five (5) days. At the end of this evaluation CCWA staff will determine if the polymer supplied performs sufficiently to be used in our Water Reclamation system.
- 1.2.3 Evaluation Criteria: The following criteria will be used to determine effectiveness of the polymer(s) used in the Phase 1 and Phase 2 testing:
- a. Pounds per ton – This is how many pounds of polymer it takes to treat one ton of dry solids.
  - b. Cake moisture content – The amount of moisture left in cake after it has been pressed. Dryer cakes will cut natural gas consumption and increase production.
  - c. Cost - Per pound of chemical.
  - d. Performance – CCWA staff will evaluate the product as it mixes in the return pellet mixers. All products have different formulations and

molecular charges and over the years CCWA staff has determined that we need a product that blends well in the mixers to assure product quality and maximum performance.

- e. All performance evaluation test results will be shared with the vendor.

#### 1.2.4 Other Considerations:

- 1.2.4.1 The performance evaluation is for polymer only.
- 1.2.4.2 Each specific CCWA Water Reclamation Facility has its own operational requirement therefore evaluation results and acceptance will only apply on a per facility basis where the testing occurred. Seasonal consideration may apply by facility as well and multiple performance evaluation testing may be required for the polymer to be deemed “successful”.
- 1.2.4.3 A vendor may participate in this performance at one or multiple facilities.
- 1.2.4.4 Once the polymer(s) is deemed “successful” with both phases for that specific polymer(s), those item(s) will be added to our annual chemical bid. CCWA does not guarantee any purchase of any polymer as this is simply to evaluate the product(s).
- 1.2.4.5 The same polymer can only be performance evaluated every three (3) years.
- 1.2.4.6 If there are any questions whatsoever regarding this performance evaluation or the process, it shall be the vendor’s responsibility to seek clarifications immediately from CCWA.
- 1.2.4.7 Information submitted by the vendor in this process shall be subject to disclosure in accordance with the Georgia Open Records Act. Proprietary information must be identified and be accompanied by a signed affidavit outline the redacted information.
- 1.2.4.8 By agreeing to participate in this performance evaluation the vendor has carefully examined the instructions.
- 1.2.4.9 CCWA reserves the right, with or without notice or cause, to reject any polymers and to be the sole judge, in its discretion, on all questions as to whether or not a polymer complies with this invitation of performance evaluation.

## 1.2.5 CCWA Facility Specific Requirements:

### 1.2.5.1 Pelletizing:

Location: 8890 Roberts Rd, Jonesboro, GA 30238

Contact Person: Tony Somerville

Contact Phone Number: 770-302-3457

Testing is required during different seasons to include:  
Warm weather months / Cold weather months.

### 1.2.5.2 Northeast:

Location: 6900 Old Macon Hwy, Rex, GA 30273

Contact Person: Herlon Fayard

Contact Phone Number: 770-302-3450

Testing is required during different seasons to include:  
N/A

### 1.2.5.3 Shoal Creek:

Location: 301 Hampton Rd., Hampton, GA 30228

Contact Person: Mike Holt

Contact Phone Number: 770-302-3448

Testing is required during different seasons to include:  
N/A

### 1.2.5.4 Hooper:

Location: 70 Oakdale Drive., Stockbridge, GA 30281

Contact Person: Philip Beckham

Contact Phone Number: 770-302-3455

Testing is required during different seasons to include:  
N/A

**CLAYTON COUNTY WATER AUTHORITY  
POLYMER PERFORMANCE EVALUATION REQUEST FORM**

POLYMER(S) REQUESTED  
TO BE TESTED:

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COMPANY NAME:

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VENDOR REPRESENTATIVE:

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BUSINESS ADDRESS OF  
COMPANY:

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TELEPHONE NUMBER:

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EMAIL ADDRESS:

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COMPANY TAX ID NUMBER:

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COMPANY WEBSITE:

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DATE:

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