



CITY OF LONGVIEW

PURCHASING DIVISION

Addendum No 1

January 16, 2020

City of Longview Bid # 1920-20 Magnesium Hydroxide Slurry

City of Longview received the following question:

1. Does the City have a 9,000 gallon HDPE tank as described in section 5.00 of the specifications and is it owned by the current magnesium hydroxide vendor?

Answer: Yes, the City of Longview has two tanks that total 9,000 gallons HDPE tank as described in section 5.00 at the Grace Creek Wastewater Treatment Plant and they are owned by the current magnesium hydroxide vendor.

2. What is the annual rental fee for the tank and equipment as described in section 5.00 under the current contract?

Answer: The current vendor is not charging a separate rental fee for the usage of the tanks.

3. Is the City willing to entertain bids for a Magnesium Hydroxide Slurry that meets the specifications listed in the table showing typical, maximum, and minimum values but is not produced from a seawater or magnesium chloride brine? (there are multiple ways to produce a high purity, high reactivity, magnesium hydroxide slurry in order to achieve the same performance in regards to pH and alkalinity)

Answer: No, the Magnesium Hydroxide Slurry must meet the published specifications in the bid document

4. Is a slurry sample required with the bid submittal or only the COA from an independent and certified U.S. lab?

Answer: Only the Certificate of Analysis from an independent and certified U.S. lab. No slurry sample is required prior to submitting a bid.

5. Please provide the testing procedure for the Stabilized Residual Test that is listed in the specification.

Answer: Please see attached page.

If you have any further questions, please contact the Purchasing Department.

Jaye Latch
Purchasing Manager
PO Box 1952
Longview, TX 75606
903-237-1324

Title: Stabilized Residual Test	No: TP-112	Rev: 0
Cancels & Supersedes No: None	Page No. 1 of 1	Effective Date:

1. SCOPE

2.1 This method is intended to assess the solids settling stability of magnesium hydroxide suspensions

2. APPARATUS

2.1 Gralab 15 analogue timer.

2.2 Modified Rotap stability tester.

2.3 Tall 8 oz. plastic bottles to fit into stability tester holder.

2.4 6 inch rule.

2.5 Steel rod 1/8 inch diameter, approximately 10 inches long.

2.6 "Blanks" filled with magnesium hydroxide to occupy unused slots.

3. PROCEDURE

3.1 Determine weight (grams) of an 8 oz. dry, empty tap test bottle without cap.

3.2 Fill 8 oz. plastic bottle with test slurry. Ensure the slurry is uniformly suspended before pouring into bottle. Fill bottle to shoulder and cap.

3.3 Place bottle in test holder.

3.4 Any unused slots are to be filled with magnesium hydroxide blanks.

3.5 Set timer for 14 hours and run.

3.6 After 14 hours remove bottle from holder.

3.7 Characterize sediment by probing with steel rod. Note parameters, such as, resistance to probing as rod progresses to container bottom and thickness of any hard-packed layer.

3.8 Shake bottle vigorously in a horizontal position for 15 seconds. Pour slurry from sample bottle. Gently add about 1 1/2" of tap water to the bottle - swirl the tap water to remove slurry film from the side of bottle. Pour the water out of the bottle. Place bottle top down on a paper towel and allow bottle to drain for 15 minutes. Wipe off any moisture or slurry on the outside of bottle and re-weigh. Calculate the grams of sediment by subtracting the dry bottle weight from the bottle + residue = grams sediment.

4. CALIBRATION & MAINTENANCE

4.1 The rise and fall of the tap machine should be checked on a regular basis and adjusted to 1/4 inch by adjusting the screw collar.

4.2 The camshaft should be lubricated on a regular basis.

Written by (Print):	Title:
Signature:	Date:
Reviewed by (Print):	Title:
Signature:	Date: