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February 4, 2010

Bob Kirby  
City of Baxter Springs  
PO Box 577  
Baxter Springs, KS 66713

Dear Bob,

It was a pleasure to visit with you about the upgrades to the city's wastewater treatment facilities and pretreatment as we reviewed the operation of the salad factory on February 2, 2010.

The pretreatment at the salad factory should significantly assist your system in meeting the discharge permit limit requirements. As you may be aware normal BOD is about 250 mg/l and the salad factory was producing well over 2,000 and into the 3,000 mg/l range.

I also mentioned that I learned there was a bacteria/fungi named "Saphrochaete Saccharophilia" that can adversely affect treatment facilities that receive high strength carbohydrate type waste, such as chocolate, potatoes and pasta. This can cause severe odor problems; this can be corrected by raising the pH level to more than 7.5. I recommend that if you have any lime available or other type materials you try adding some to the influent at lagoon to see if this can correct the odor problem by reducing the bacteria.

Please call if you have any questions. KRWA appreciates the opportunity to provide assistance to your system and your support as members. Hope to see you and others from Baxter at the conference in March.

Sincerely,

Charlie Schwindamann  
Wastewater Tech

CS: ejr  
C: Huey York, Mayor  
Richard Thomas, KDHE Chanute