

ESA, Inc.

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September 3, 2013

Dennis Kallash
360 E. Cherry
Troy, MO 63379

Mr. Dennis Kallash,

Per our recommendations in November 2012 and again at our meeting on August 30th 2013 we highly recommend that you pump sludge holding once per quarter at the Bennington WWTP and Rockport WWTP also if you could remove any solids buildup from the clarifier stilling well each month with the pump truck would help to insure the following:

1. Reduced loading on the treatment plant from filtrate return from sludge holding which has high Ammonia and BOD concentrations
2. Insure more usable volume in sludge holding also this should help reduce odor.
3. Allow flexibility for land application during varying weather conditions so we don't create an **Emergency situation**

I understand that this may seem excessive to some but sludge management is the most cost effective tool in maintaining these facilities, with the new ammonia regulations and the possibility stricter ammonia limits and new phosphorus limits; poor planning or being frugal in this area in my opinion is a potential recipe for disaster.

Regarding the odor problem at the Rockport WWTP it appears that most of this is coming from the flow EQ area I would strongly recommend that you modify the inlet sewer line location from the center flow EQ tank to the southern EQ tank and isolate the other two, this should allow the waste less chance to go septic.

If you have questions please call

Sincerely,



Tim Flagg
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