

From: Torrence, Rufus
Sent: Wednesday, October 10, 2012 8:25 AM
To: RBradley@citycorporation.com
Cc: Fuller, Kim; John Bailey (BAILEY@adeq.state.ar.us); Anderson, Alan; Uyeda, Craig; Byrum, Shane
Subject: RE: AR0021768 AFIN 58-00105 City of Russellville: WMI Leachate

Randy,

The Department normally does not require Pretreatment Cities to submit information on prospective industrial users to ADEQ. The City must make the final decision to accept or reject a new user. However, the Department can assist the City with the decision. The Department recommends that the City send all information on the Leachate to ADEQ. Please submit composition and flow data on the leachate. WMI should test a typical Leachate sample for at least Table III parameters and minerals (TDS, Chlorides, Sulfates, etc). Furthermore, the City should perform a bench test on the leachate before agreeing to accept it.

The bench test is just two DO analytical results. One DO sample should be mixed with a grab from the AS basin at a ratio equal to the leachate flow vs total average influent flow. The other DO sample should be a "control" (a portion the same grab sample from the AS basin but with no leachate added). Check the "mixed" sample and the "control" simultaneously for DO to note any significant difference between the two samples. Check at two hour intervals. If the leachate inhibits the AS, then the DO will not change in the "mixed" sample.

If the City requires further assistance, please contact the Department again.

Rufus, ADEQ

PS: Please update your email directory to show my ADEQ email address instead of my home email address.

--- On **Tue, 10/9/12**, **RBradley@citycorporation.com** <**RBradley@citycorporation.com**> wrote:

From: **RBradley@citycorporation.com** <**RBradley@citycorporation.com**>
Subject: Leachate
To: "Rufus Torrence" <rufustorrence@sbcglobal.net>, "Gilliam, Allen" <GILLIAM@adeq.state.ar.us>
Date: Tuesday, October 9, 2012, 7:16 AM

Good morning gentlemen

City Corporation has been contacted by Waste Management about accepting some leachate from one of their local landfills. Is there any data or info that I would need to submit to ADEQ for review? Would this require us to do any additional sampling for local limits? Please info, thanks

Randy Bradley
City Corporation
Pretreatment Coordinator
479-968-5797