




AGENDA
CITY COUNCIL
WORKSESSION
MONDAY, May 1, 2017
6:00 PM
502 ELM STREET

1. Call Meeting to Order.
2. Update From Alan Plummer and Associates on Discharge Options From The Expanded Wastewater Treatment Plant.
3. Overview of Items on Regular Agenda.
4. Adjourn.

I, the undersigned authority, do hereby certify that this Notice of Meeting was posted on the bulletin board, at the City Hall of the City of Sanger, Texas, a place convenient and readily accessible to the general public at all times, and said notice was posted on the following date and time: April 27, 2017 at 9:00 A.m. and shall remain posted until meeting is adjourned.



Cheryl Price, City Secretary
City of Sanger, Texas



This facility is wheelchair accessible and accessible parking spaces are available. Requests for accommodations or interpretive services must be made 48 hours prior to this meeting. Please contact the City Secretary's office at (940) 458-7930 for further information.

Cheryl Price

From: Mike Brice
Sent: Tuesday, April 25, 2017 3:41 PM
To: Cheryl Price
Subject: FW: Sanger WWTP Discharge Options

To go with the agenda items.

Mike Brice, Sanger City Manager

From: Hunt, Rex [mailto:rhunt@apaienv.com]
Sent: Friday, April 7, 2017 11:44 AM
To: Mike Brice <MBrice@sangertexas.org>
Cc: Jordan, Betty <bjordan@apaienv.com>; Mokry, Loretta <lmokry@apaienv.com>; To, Ernest <eto@apaienv.com>; Caffey, Jeff <jcaffey@apaienv.com>; Noack, Tim <tnoack@apaienv.com>; McDonald, Ellen <emcdonald@apaienv.com>
Subject: Sanger WWTP Discharge Options

Mike

As discussed with you Monday, Ernest To (APAI Lead Water Quality Modeler) and I met with the TCEQ's water quality modelers to discuss regulatory issues associated with regard to the proposed "hybrid" option for discharge. We also reviewed the proposed stream restoration and pipeline options with them, since we now have a more concrete plan in mind than we have during previous discussions.

To the TCEQ, the pipeline option is straightforward with respect to permitting. Implementation of either of the other options requires addressing several regulatory considerations. To be sure, the TCEQ has significant concerns about any wastewater discharge scenario that depends heavily on the continued cooperation of nature to function properly. Both the stream restoration and hybrid options can be overwhelmed in a major flood event and have structural components that can become clogged with debris. These issues increase TCEQ's concern about the viability of these options and complicate their ability to approve them.

That said, we could move forward with either option, with an understanding that approval is not assured. To address the TCEQ's concerns, the following general tasks will need to take place:

1. Modeling of both the hybrid discharge and the stream restoration discharge would require water quality modeling to satisfy the TCEQ's concern for water quality in Paddock Lake during high flow conditions when flows exceed the level for which the pipeline intercept for the hybrid and the weir for the

restoration option are exceeded allowing some effluent flow into Paddock Lake.

2. Appropriate language would likely have to be adopted in the permit by which the City will be held responsible for maintaining the structure controlling flow into the pipeline in the hybrid option and the weir and the culvert opening in the stream restoration option. The TCEQ wants to ensure the City's commitment to maintaining the applicable structures.
3. Water rights issues associated with removing water from a portion of the stream must be explored and resolved. The issues will need to be addressed with the Water Availability section of the TCEQ. We have not discussed this with them yet and do not yet have a good understanding of what it would take to gain their approval.

As compared to the pipeline option, both stream restoration and hybrid options should be considered to be riskier from a regulatory perspective. Working with regulators to gain their acceptance of unusual projects, such as these, can be difficult, time consuming, and frustrating. As stated above, we cannot assure that all of their concerns can be met at this time.

We appreciate the opportunity to continue to serve the City of Sanger. Please let us know if you have any questions.

Rex H. Hunt, PE
Principal

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