

It is also worth noting that it is good engineering practice to be conservative in estimates when a majority of the design has not been completed. We believe this to be prudent; especially when considering the financial capabilities and responsibilities of the end user (Flint). When a design is nearly complete, then it is acceptable to use the engineering estimate as there are specific quantities and materials of construction to cost out.

This point is brought to your attention to outline our approach. For the intake estimate, which was 90% complete at the time of our analysis, was used "as provided" in our cost comparison. We would hope that this cost is close to the contractors bid in February. However, this should not be consider a telltale for the rest of the project as the remaining costly components are only designed at a very preliminary level.

Please contact me should you need further clarification or have any questions.

Thank you,
Dave

-----Original Message-----

From: Dillon, Andy (Treasury) [<mailto:DillonA2@michigan.gov>]

Sent: Sunday, March 17, 2013 6:49 PM

To: David Guastella

Cc: George Karmo; Awni Qaqish; Hichez, Amy (Treasury); Saxton, Thomas (Treasury); Stibitz, Brom (Treasury)

Subject: Re: Flint Water Supply Alternatives

Thank you. This is exactly what I am looking for.

Sent from my iPad

On Mar 17, 2013, at 1:11 PM, "David Guastella" <DGuastel@tyjt.com> wrote:

> Good afternoon Treasurer Dillon,

>

> As requested in our meeting on Friday, March 15th, I am attaching TYJT's recommendation regarding Flint's alternatives for water supply. Please do not hesitate to contact us should you have any questions or wish us to look into anything further regarding this issue.

>

> Thank you,

>

> Dave

> <[TYJT Recommendation DWSD vs Flint.pdf](#)>

From: Stibitz, Brom (Treasury) [<mailto:StibitzB@michigan.gov>]

Sent: Monday, March 18, 2013 9:57 AM

To: David Guastella

Cc: George Karmo

Subject: Treasury: Flint Assessment

Andy asked that I forward this memo for your comment. Can you address the conclusions, especially the fact that the City removed from consideration the various "blend" options.

For the time being you can send any comments just to me and Andy.

Thanks.

Brom

<TYJT Recommendation DWSD vs Flint.pdf>