

From: Lutes, Teresa
Sent: Friday, June 20, 2014 5:51 PM
To: 'Paul Robbins'
Cc: Meszaros, Greg
Subject: RE: Request for Information Related to Water Task Force

Mr. Robbins,

Attached is a .pdf of the capital and O&M preliminary cost estimates and assumptions for the Indirect Potable Reuse – SAR to Lady Bird Lake option. Also attached is the concept map (from the May 19, 2014 water supply augmentation options presentation to the Task Force).

As envisioned much of the infrastructure with this option would be dual purpose serving both as a drought response strategy and as a regular part of the reclaimed water system when not in operation as a drought strategy, as noted to the Task Force at yesterday's meeting.

In this strategy construction of some of the reclaimed water pipe system components in the reclaimed water master plan would be accelerated. Additional storage and pumping capacity would need to be constructed at the South Austin Regional Wastewater Treatment Plant (SAR), which would also supplement the existing reclaimed water pumping system at SAR. The project would require additional treatment at SAR for the treated effluent water to be discharged into LBL.

When in operation as a drought augmentation to Lady Bird Lake (LBL), the treated effluent water from SAR would be redirected into LBL through these reclaimed water system facilities. For drought operations, this strategy would also require construction of a pumping facility (temporary barge - rental) and pipeline to pump the water from LBL into the Ullrich WTP intake line.

Should you need additional information, please let us know.

-Teresa

Teresa Lutes, P.E.
Managing Engineer
Systems Planning Division
Water Resources Management
Austin Water Utility

From: Meszaros, Greg
Sent: Friday, June 20, 2014 3:59 PM
To: 'Paul Robbins'
Cc: Lutes, Teresa
Subject: RE: Request for Information Related to Water Task Force

Paul, yes we will provide you all of our underlying analysis and assumptions for this option. Teresa, please read through this request from Paul and provide him the info and also post it on the web site.

From: Paul Robbins [mailto:paul_robbins@greenbuilder.com]
Sent: Friday, June 20, 2014 3:43 PM
To: Meszaros, Greg
Subject: Request for Information Related to Water Task Force

Paul Robbins
P.O. Box 1374
Austin, TX 78767

June 20, 2014

Greg Meszaros
Austin Water Utility
P.O. Box 1088
Austin, TX 78767

Dear Mr. Meszaros.

At last night's Task Force meeting, considerable discussion took place regarding the context for the costs of supply and demand side alternatives.

One of the supply-side options the Task Force recommended as an emergency measure was Indirect Potable Use. At the meeting, it was stated that this operation would be ceased after the emergency was over.

The capital cost of this measure was listed as \$30.5 million. And this leads to the question that if the emergency is short term, some amount of this capital might be stranded. As such, the cost per acre foot figure of \$190 per Acre Foot would be thrown into question.

Please provide the information necessary for me to assess this question, including a breakdown of capital costs, and which components of the cost will be stranded capital in the event the measure is abandoned. I also need a breakdown of operational costs, and the length of amortization.

Given that Plummer and Associates needed these numbers to create its report, this information should be fairly easy to obtain.

Since the last meeting of the Task Force is Wednesday, I am on record as having asked for this information in advance of the meeting, and am asking for the information in advance of the meeting as well.

Yours,

Paul Robbins