

PMSTPCOL PEmails

From: ^PNNL NRC South Texas COL [nrc.south.texas.col@pnl.gov]
Sent: Thursday, September 10, 2009 11:49 AM
To: STPCOL
Subject: FW: draft water supply resource plan

- *Nona*

From: Kincaid, Charles T
Sent: Wednesday, April 15, 2009 11:54 AM
To: 'water supply'
Cc: ^PNNL NRC South Texas COL
Subject: RE: draft water supply resource plan

Mr. Hegemier:

Just a couple of comments on documents on the web site that may impact the upcoming water supply plan. I reviewed the following documents and have the following notes on each:

Draft LCRWPG 2001 Water Plan First Biennium Studies - Environmental Impacts of Water Management Strategies Study for the Lower Colorado Regional Water Planning Group (Region K) ... January 2009

1. It is not clear that current water rights of STPNOC (102,000 ac-ft/yr) and water contracts between STPNOC and the LCRA (up to 40,000 ac-ft/yr stored water) are reflected in the Environmental Impacts study.
2. The mention of STPNOC with regard to a proposal for desalination of seawater or brackish groundwater (page 2-6) may be dated information since the STPNOC and LCRA litigation was settled; however, your information may be more current than mine.

Draft LCRWPG 2001 Water Plan First Biennium Studies - Evaluation of High Growth Areas Study for the Lower Colorado Regional Water Planning Group (Region K) ... December 2008

1. Not sure if the changing landscape of water requirements at STPNOC and how they will be satisfied fall under the aegis of "high growth areas", but one possibility is that STPNOC will begin using its full groundwater and surface water rights in approximately the 2016 time frame. Groundwater usage will ramp up from the current 1300 ac-ft/yr to its permit level of 3000 ac-ft/yr. Surface water usage will ramp up from current 37,084 ac-ft/yr (average value from 2001 through 2006) to its full run-of-river water right of 102,000 ac-ft/yr.
2. Note that "Appendix B, Revised Availability by Water Source, Revised Supply by Water User Group" does not appear to capture the above potential requirements under the tables "Region K Current Water Availability Sources" or "Region K Water Supply Table (by WUG and water source)". It would seem that LCRA should be showing a source for satisfying the future demand. It appears the tabulated values for STPNOC assume new capacity is not to be built at the STP site. If so, perhaps this should be stated explicitly.
3. Note that the tables in item 2 (immediately above) also appear in the next cited study - "surface water availability modeling study" - however, they are somewhat different. See the tables in Appendix C of the surface water study, especially with regard to STPNOC water. The tables are titled the same and dated the same; however, differences are noted by highlight in the text by the authors. This could be a future origin of confusion if both studies are cited in the water plan.

Draft LCRWPG 2001 Water Plan First Biennium Studies - Surface Water Availability Modeling Study for the Lower Colorado Regional Water Planning Group (Region K) ... December 2008

1. Note that tables appearing in Appendix C; Expanded Table 3.3, Revised Availability by Water Source, Revised Supply by Water User Group (WUG)" differ with regard to STPNOC values from those shown in the "high growth areas" report (above). These table have the same titles and the same dates, so this could be a point of confusion, if both reports are finalized as is, and referenced in the overall water plan.

2. The maximum permitted diversion for STP is noted as 102,000 ac-ft/yr in the document, but it is not included in the "Reg K Cutoff" model simulation (Table 3.3, pg C-1). However, the draft report clearly states LCRA will provide the full STP water right. Earlier reports by the LCRA acknowledged the need to plan for STP usage of 102,000 ac-ft/yr as early as the 2030 decade, and its more likely to occur in the 2020 decade. It appears there is an assumption that STP expansion will not occur.

3. Similarly, the full STP usage is not included in the Table entitled "Region K Current Water Availability Sources" (pg C-2).

4. Similarly, the full STP usage is not included in the Table entitled "Region K Water Supply Table (by WUG and water source)" (pg C-11).

I offer these comments in the hope that inconsistencies can be corrected and assumptions made more clear in the final documents. I don't expect any engagement on the resolution of them.

I have used and appreciated the effort required to produce the January 2006 edition of the Region K Water Plan, and look forward to the draft water plan to be issued in June.

Best Regards,

Charley Kincaid
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From: water supply [mailto:water.supply@LCRA.ORG]
Sent: Tuesday, April 14, 2009 3:06 PM
To: Kincaid, Charles T
Subject: RE: draft water supply resource plan

Charley, thanks for the questions regarding the water supply plan. Our goal is to make the plan available later this spring, probably in the June time-frame. We will post the plan on the website and can email a link to you as well when it is released. We will add you to our email list. Let me know if you have any further requests.

Thanks

Tom Hegemier, P.E.
1-800-776-5272

From: Kincaid, Charles T [mailto:charley.kincaid@pnl.gov]
Sent: Tuesday, April 14, 2009 10:06 AM
To: water supply
Subject: draft water supply resource plan

LCRA:

I was searching your web site for the latest information on water supply planning in your region, and found that

you will have a draft water supply resource plan for public comment in spring 2009. How soon will that be made available to the public? Will it be emailed or available on your website?

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Hearing Identifier: SouthTexas34Public_EX
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