Message

**From**: Lee, Bessie [Lee.Bessie@epa.gov]
**Sent**: 4/15/2016 3:00:26 PM
**To**: Chilingaryan, Sona [Chilingaryan.Sona@epa.gov]
**Subject**: Fw: Updated on the Hopi Paper - Drinking Water

FYI...

~~~~~~~~~~~
Bessie Lee
~~~~~~~~~~~
Drinking Water Management Section (WTR-3-1)
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, California 94105
Phone: (415) 972-3776
Fax: (415) 947-3549
E-mail: lee.bessie@epa.gov

---

**From:** Lee, Bessie
**Sent:** Friday, April 15, 2016 07:49
**To:** Mendiola, Angela; Rapicavoli, Emmanuelle
**Subject:** Fw: Updated on the Hopi Paper - Drinking Water

Angela,

The DWTSA Coordinator is Emmanuelle Rapicavoli. She is copied on this e-mail.

~~~~~~~~~~~
Bessie Lee
~~~~~~~~~~~
Drinking Water Management Section (WTR-3-1)
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, California 94105
Phone: (415) 972-3776
Fax: (415) 947-3549
E-mail: lee.bessie@epa.gov

---

**From:** Mendiola, Angela
**Sent:** Thursday, April 14, 2016 18:32
**To:** Lee, Bessie
**Subject:** RE: Updated on the Hopi Paper - Drinking Water

Hi Bessie,

Do you have an update to the Drinking Water Set-Aside? I didn't see it in your update. I just saw arsenic.

Angela

Angela Mendiola

Tribal Section, Land Division
U.S. EPA, Region 9 (LND-3-1)
75 Hawthorne Street
San Francisco, CA 94105
P: 415-972-3284
F: (415) 947-3562
http://www.epa.gov/region9/tribal

---

**From:** Lee, Bessie
**Sent:** Monday, April 04, 2016 7:01 AM
**To:** Mendiola, Angela <Mendiola.Angela@epa.gov>
**Cc:** Rodriguez, Roberto <Rodriguez.Roberto@epa.gov>; TROMBADORE, CLAIRE <Trombadore.Claire@epa.gov>; Johnson, Kathleen <Johnson.Kathleen@epa.gov>; Albright, David <Albright.David@epa.gov>; Chan, Patrick <Chan.Patrick@epa.gov>; Hecht, Hillary <Hecht.Hillary@epa.gov>; Overman, Pamela <Overman.Pamela@epa.gov>; Ebbert, Laura <Ebbert.Laura@epa.gov>; Greenberg, Ken <Greenberg.Ken@epa.gov>; Howell, Adam <Howell.Adam@epa.gov>; Reyes, Deldi <Reyes.Deldi@epa.gov>; Rapicavoli, Emmanuelle <Rapicavoli.Emmanuelle@epa.gov>
**Subject:** FW: Updated on the Hopi Paper - Drinking Water

Angela,

I am forwarding an e-mail to you that I had sent to Roberto Rodriguez on March 30, 2016 with the update on the drinking water section for the Hopi briefing paper. The March 30, 2016 e-mail included the PDF version of the "one pager" Hopi briefing paper developed a few years back by Laura Ebbert's office. What you had received on April 1, 2016 from Roberto, which was attached as a Word document and which is also attached to this e-mail, does not contain the drinking water update that I had provided. Please use the information in my March 30, 2016 e-mail below for the drinking water update.

~~~~~~~~~~
Bessie Lee
~~~~~~~~~~
Drinking Water Management Section (WTR-3-1)
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, California 94105
Phone: (415) 972-3776
Fax: (415) 947-3545
E-mail: lee.bessie@epa.gov

---

**From:** Lee, Bessie
**Sent:** Wednesday, March 30, 2016 8:17 AM
**To:** Roberto Rodriguez <Rodriguez.Roberto@epa.gov>
**Cc:** Albright, David <Albright.David@epa.gov>; Magnuson, Janet <magnuson.janet@epa.gov>; Hecht, Hillary <Hecht.Hillary@epa.gov>; Chan, Patrick <Chan.Patrick@epa.gov>; Rapicavoli, Emmanuelle <Rapicavoli.Emmanuelle@epa.gov>; Li, Corine <Li.Corine@epa.gov>
**Subject:** Updated on the Hopi Paper

Roberto,

I am also copying Emmanuelle Rapicavoli on this e-mail since she has the numbers on the EPA funding for the DWTSA projects. If you still plan to have the block on the first page with the funding summary from the different media offices,

my question concerning funding is for what time period do you want the funding numbers? The attached document is only for one year (2009-2010). That will help Emmanuelle come up with the proper number.

Some comments on the attached "summary" on the Hopi Tribe.

- My suggestion is to put a date somewhere on the document – perhaps in the footer since this document is at least 3 to 4 years old.

- The Chairman of the Hopi Tribe is Herman Honanie, not Leroy Shingoitewa. The Vice-chairman is Alfred Lomahquahu.

- The update on "Arsenic":

Naturally-occurring arsenic is found in the First and Second Mesa areas of the Reservation. Eight of the 15 Hopi public water systems have arsenic levels above the primary drinking water standard (MCL). A regional water system (Hopi Arsenic Mitigation Project, or HAMP) that will have its source wells located in an area (Turquoise Trail) with arsenic levels below the MCL has been developed by the Hopi Tribe. The eight systems with the high arsenic levels will eventually tie into the HAMP. The cost of the HAMP is approximately $18 million. The project will be conducted in phases due to funding constraints. Since 2006, USEPA has funded approximately $6 million of the HAMP with DWTSA money. IHS has contributed approximately $1 million. To date, the USEPA funding has been used for planning activities (e.g., hydrogeologic studies, completion of a Preliminary Engineering Report [PER], Strategic (or Business) Plan and Environmental Assessment [EA]), as well as the completion of two new source wells in 2014 in the Turquoise Trail area. With the remaining money from USEPA and IHS, construction of a transmission main in the area of Shungopavi Village and construction of a new water storage tank and line in the First Mesa area are expected to start in late 2016/early 2017.

In January 2016, the Hopi Tribe submitted a funding application to the USDA for the remaining costs of the HAMP. The application included the PER, Strategic Plan, and (Final) EA, but did not include financial audit information, which is expected to be completed in mid- to late-2016. USDA, however, can still begin its review of the technical documents without the financial information. It is expected that USDA will fund the loan/grant application in phases. USDA has not indicated to the Hopi Tribe when it expects to complete its technical review of the funding application.

In 2014, the Hopi Tribal Council passed a resolution that created a Hopi Public Utility Authority (HPUA) that would be responsible for the operation and maintenance of the HAMP. In January 2016, the Tribal Council provided funding to hire a General Manager and Secretary for HPUA, as well as some start-up costs. As of March 2016, the job descriptions for the two position are with the Hopi Human Resources Office.

Some remaining issues with the HAMP include: (1) an adequate power source for the completed HAMP (APS or NTUA) and whether this power source would include future developments in the Turquoise Trail area, and (2) the service agreements between the Hopi Tribe/HPUA and the affected villages. The power source issue remains with the Office of the Chairman to resolve. Even though all the affected water systems have agreed (some in writing; most verbally) to tie into the HAMP, the service agreements are presently being set aside for re-presentation to the Tribal Council until the HPUA is established.

~~~~~~~~~~~
Bessie Lee
~~~~~~~~~~~
Drinking Water Management Section (WTR-3-1)
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, California 94105
Phone: (415) 972-3776
Fax: (415) 947-3545
E-mail: lee.bessie@epa.gov