To: Restivo, Angela[Restivo.Angela@epa.gov]
Cc: Bogdan, Silvia[bogdan.silvia@epa.gov]; Chen, Isaac[Chen.Isaac@epa.gov]; Larsen, Brent[Larsen.Brent@epa.gov]
From: Schwab, Kay
Sent: Thur 2/16/2017 8:17:23 PM
Subject: Quick info on LOOP and related info on the similar SPR operations

Angela,

Just FYI-- in preparation for the upcoming LOOP discussions……

The following link has some **brief**/general info describing caverns & shows the four (4) U.S. Dept. of Energy Strategic Petroleum Reserves (SPRs).

https://energy.gov/fe/services/petroleum-reserves/strategic-petroleum-reserve/spr-storage-sites

Note: the two in TX that EPA R6 issued permits to discharge brine (similar to LOOP) and

the two in LA both dispose of brine via disposal wells…. thus, no biomonitoring for brine (currently).

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This link **briefly** tells you why LOOP is an important facility. Over the last three decades, LOOP has handled more than 12 billion barrels of foreign and domestic crude oil into the U.S.
https://www.loopllc.com/About/History

Here's a link to LOOP brine reservoir/caverns with a 2.75 minute video. (There is also onshore "Clovelly" tank storage at LOOP, but only for crude (not brine).
https://www.loopllc.com/Services/Cavern-Storage

**A main difference between the SPRs & LOOP operations is that the SPRs have vastly fewer

"acquisitions and releases " of oil, (i.e. very controlled).

LOOP is ***continuously*** receiving and distributing crude (Controlled by supply & demand) .

**The SPRs are for "emergency storage." LOOP is a "constant routine supplier."

**The SPRs are "owned" by the U. S. Govt. LOOP is privately-owned (for-profit).

** LA's Bayou Choctaw SPR (6 caverns/76 million barrel total capacity) most closely resembles LOOP (8 caverns/60 million barrel total capacity).

** Big Hill, TX (14 caverns, 170 million barrels total capacity)

** West Hackberry, LA (21 caverns, 227 million barrels capacity)

** Bryan Mound, TX (19 caverns, 254 million barrels total capacity)