To: Johnson, AudreyL[Johnson.AudreyL@epa.gov]; Mogharabi, Nahal[MOGHARABI.NAHAL@EPA.GOV]
Cc: Montgomery, Michael[Montgomery.Michael@epa.gov]
From: Albright, David
Sent: Wed 10/29/2014 5:37:10 PM
Subject: RE: EPA Follow Up
Class II Wells Injecting into Non-Hydrocarbon Producing Formations.pdf

The list of 532 wells came from Steve Bohlen, with his August 2014 submittal. PDF is attached.

From: Johnson, AudreyL
Sent: Wednesday, October 29, 2014 10:10 AM
To: Mogharabi, Nahal
Cc: Albright, David; Montgomery, Michael
Subject: RE: EPA Follow Up

Hi Nahal,

Sorry, I've been out of the office sick the last couple of days and am just seeing this now. Did you ever contact David? Do I still need to follow up? Let me know.

Thanks,

Audrey L. Johnson

Life Scientist

US EPA, Region 9

Water Division, Tribal Office, WTR-10

75 Hawthorne Street

San Francisco, CA 94105

Email: johnson.audreyL@epa.gov

Phone: (415) 972-3431

http://www.epa.gov/region09/water/tribal/tribal-cwa.html#wtrpollution

From: Mogharabi, Nahal
Sent: Tuesday, October 28, 2014 2:16 PM
To: Johnson, AudreyL
Subject: FW: EPA Follow Up

Hey Audrey!

Please see the below. Which of the documents that we have has this list of 532? I have a few different well pdf's and am not sure which ones have or total 532.

From: Knickmeyer, Ellen [mailto:EKnickmeyer@ap.org]
Sent: Monday, October 27, 2014 11:49 AM
To: Mogharabi, Nahal
Subject: RE: EPA Follow Up

Hi, Nahal – I just wanted to check on something reported earlier by the Bakersfield paper regarding California's Class II wells – can you confirm that
Bohlen (in July? August?) sent EPA a list of 532 injection wells that had been permitted to inject oil-field waste water into active or potential drinking-water aquifers?

Thanks much,

Ellen

Aug. 21 --A preliminary state assessment has identified problems with the way California reviews oil field disposal wells, and determined its regulators may lack adequate training, accountability and proper qualifications.

The early findings, outlined in a draft "work plan" the state's top oil regulator sent Monday to the U.S. Environmental Protection Agency , suggest senior California officials agree with federal concerns that much more should be done to protect groundwater from possible contamination by oil field activity.

As the EPA requested last month, the head of California's Division of Oil , Gas and Geothermal Resources, Steven Bohlen , also

sent the federal government a list of 532 wells identified as injecting waste material into aquifers that do not produce oil or gas. About three-quarters of them are in Kern County .

A majority of the 532 wells were listed as having injected waste into aquifers that have concentrations of dissolved solids, such as salt, that would qualify them as protected under the federal Safe Drinking Water Act. However, other criteria for protection may apply, including federal aquifer exemptions and the wells' proximity to water wells. All the wells listed were approved for injection work by state regulators.