


From: [Stewart, David R](#)
To: [Reagan, Steve](#); [Burck, Peter](#); [Radke, Bill](#); [Walker, Cassandra M](#); [Harden, Tasha](#); [Harris, Grant](#); [Butler, Matthew](#); [Kundargi, Darrell](#); [Wolaver, Brad D](#)
Subject: Re: Time Series Analysis and Report for August
Date: Tuesday, September 15, 2020 12:25:27 PM
Attachments: [TimeSeries_09_17_2020_Draft](#) 

I corrected a typo in the footer located on the last page. My apologies for having to send two emails. Irrespective of this, the revised report is attached.

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From: Stewart, David R <david_stewart@fws.gov>
Sent: Tuesday, September 15, 2020 12:15 PM
To: Reagan, Steve <steve_reagan@fws.gov>; Burck, Peter <peter_burck@fws.gov>; Radke, Bill <bill_radke@fws.gov>; Walker, Cassandra M <cassandra_walker@fws.gov>; Harden, Tasha <Tasha_Harden@fws.gov>; Harris, Grant <Grant_Harris@fws.gov>; Butler, Matthew <Matthew_Butler@fws.gov>; Kundargi, Darrell <darrell_kundargi@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>
Subject: Re: Time Series Analysis and Report for August

Hi Bill et al.,

See attached the latest draft report and set of analyses using the weekly average well pressure readings collected at San Bernardino NWR. Much of the report and results are the same. However, I did implement a forecasting technique to show what we should expect for average well pressure readings for each of the three focal wells to October 8. The analysis further supports a continued decline.

Again, these results and analyses are subject to change as we continue collecting data. See attached report (draft).

Randy

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From: Stewart, David R <david_stewart@fws.gov>

Sent: Tuesday, August 18, 2020 7:09 AM

To: Reagan, Steve <steve_reagan@fws.gov>; Burck, Peter <peter_burck@fws.gov>; Radke, Bill <bill_radke@fws.gov>; Walker, Cassandra M <cassandra_walker@fws.gov>; Harden, Tasha <Tasha_Harden@fws.gov>; Harris, Grant <Grant_Harris@fws.gov>; Butler, Matthew <Matthew_Butler@fws.gov>; Lehnen, Sarah E <sarah_lehnen@fws.gov>; Kundargi, Darrell <darrell_kundargi@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>

Subject: Re: Time Series Analysis and Report for August

Hi Steve,

I will make sure to do so with any future reports.

DRS

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From: Reagan, Steve <steve_reagan@fws.gov>

Sent: Tuesday, August 18, 2020 7:08 AM

To: Stewart, David R <david_stewart@fws.gov>; Burck, Peter <peter_burck@fws.gov>; Radke, Bill <bill_radke@fws.gov>; Walker, Cassandra M <cassandra_walker@fws.gov>; Harden, Tasha <Tasha_Harden@fws.gov>; Harris, Grant <Grant_Harris@fws.gov>; Butler, Matthew <Matthew_Butler@fws.gov>; Lehnen, Sarah E <sarah_lehnen@fws.gov>; Kundargi, Darrell <darrell_kundargi@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>

Subject: Re: Time Series Analysis and Report for August

Randy,

You forgot to indicate that this is very much a draft report still under review by the team.
Please remember to indicate such when you send these out.

Steve

From: Stewart, David R <david_stewart@fws.gov>

Sent: Monday, August 17, 2020 15:07

To: Burck, Peter <peter_burck@fws.gov>; Radke, Bill <bill_radke@fws.gov>; Reagan, Steve <steve_reagan@fws.gov>; Walker, Cassandra M <cassandra_walker@fws.gov>; Harden, Tasha <Tasha_Harden@fws.gov>; Harris, Grant <Grant_Harris@fws.gov>; Butler, Matthew <Matthew_Butler@fws.gov>; Lehnen, Sarah E <sarah_lehnen@fws.gov>; Kundargi, Darrell <darrell_kundargi@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>

Subject: Time Series Analysis and Report for August

Hi all,

Please find attached the revised report documenting the relationship between the time series of information that is being collected at Glenn Ranch Well and Mitigation Well. In this report you will find that I also included Slaughter House Ranch Well and Middle Well (another well located at San Bernardino NWR). (b) (5)

Please let me know if you have any questions.

Randy

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