

Gallup
NAPIS well sampling

(Oct 2010)

Van Horn, Kristen, NMENV



From: Van Horn, Kristen, NMENV
Sent: Thursday, October 14, 2010 4:25 PM
To: 'Johnson, Cheryl'
Cc: Cobrain, Dave, NMENV; Riege, Ed; Lieb, Jim; Larsen, Thurman; Chavez, Carl J, EMNRD
Subject: NAPIS Well sampling

Cheryl,

Looking through the data from this round of sampling and several of the previous rounds of sampling it seems that some of the water quality parameter data are off. The dissolved oxygen levels seem high, it is not clear which units were used for Conductivity (uS or mS), the ORP seems to have been rounded, the salinity reading seems to be too precise, and the temperatures seem to vary a lot from well to well (with an almost 10 degC difference between the wells). Please check the instrument that's being using (the YSI 556 MPS instrument with flow cell) to ensure that it is working properly and in addition ensure that the operators of the instrument(s) properly read and record the data outputs. Also, please record the dissolved oxygen as mg/L in the future. If you have any questions or want to discuss this, please contact me.

Thanks,
Kristen

From: Johnson, Cheryl [mailto:Cheryl.Johnson@wnr.com]
Sent: Tuesday, October 12, 2010 10:39 AM
To: Van Horn, Kristen, NMENV; Chavez, Carl J, EMNRD
Cc: Riege, Ed; Lieb, Jim; Larsen, Thurman
Subject:

Good morning:

Attached are the Hall Lab Analysis and the NAPIS Well Logs for the Third Quarter 2010 sampling. Table below lists the analytes that exceed the NMWQS, EPA MCLs or the RRS� standards. If you have any questions, please call or e-mail me. Thank you, cj.

COLLECTION DATE	Standards	BENZENE (mg/L)	ETHYLBENZENE (mg/L)	MTBE (mg/L)	NAPHTHALENE (mg/L)	BAF (m
		NMWQS 0.01 mg/L & RRS� 0.00041 mg/L	RRS� 0.0015 mg/L	RRS� 0.012 mg/L	RRS� 0.001 mg/L	NM 1 n
9/15/2010	NAPIS 2	0.066	0.0083	0.23		1
9/15/2010	NAPIS 3	0.001				
9/15/2010	KA-3	0.52	0.031	0.11	0.011	

Cheryl Johnson
Environmental Specialist

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Safety starts with "S", but always begins with "You"

10/14/2010