

Baker GM13 Carl H

From: Baker GM13 Carl H
Sent: Monday, November 06, 2000 11:06 AM
To: Crouch Capt Alan F
Subject: RE: Housing Statistics

Base Plant Account lists Holcomb Boulevard Plant as completed in August 1973. Service to MP, BM, WV, PP started then and continues today. TT I and TT II were added in 1987.

Carl

-----Original Message-----

From: Crouch Capt Alan F
Sent: Monday, November 06, 2000 10:29 AM
To: Baker GM13 Carl H
Subject: RE: Housing Statistics

Carl,

Thanks for this info. Just so I'm clear, Holcomb came on line in 1972 (month?) and serviced Midway Park, Berkley Manor, Paradise Pt. and Watkins Village until 1987 when TT I and TT II were added. This right?

S/F - Alan

-----Original Message-----

From: Baker GM13 Carl H
Sent: Monday, November 06, 2000 7:47 AM
To: Crouch Capt Alan F
Subject: RE: Housing Statistics

Holcomb Boulevard provides water to Midway Park, TT I and TT I, Berkeley Manor, Watkins Village and Paradise Point since 1987. From 1972 to 1987, Holcomb Boulevard Plant provided water to the same housing areas except for TT I and TT II.

Carl

-----Original Message-----

From: Crouch Capt Alan F
Sent: Friday, November 03, 2000 7:12 PM
To: Baker GM13 Carl H
Cc: Butler Capt Steve A
Subject: RE: Housing Statistics

Carl,

Thanks for the info. I also need, please, to add the dates the Hadnot Pt. wells came on line and were taken off line. Also, I know Holcomb Blvd. plant came on line in 1972 - when and which housing areas did it supply water to vice the Hadnot Pt. plant? When was TT II built? Let me know if this info is readily available. Thanks!

S/F - Alan

-----Original Message-----

From: Baker GM13 Carl H
Sent: Friday, November 03, 2000 3:55 PM

CLW

0000003238

To: Crouch Capt Alan F
Subject: FW: Statistics

Alan,

Just read this one.

Carl
-----Original Message-----
From: Day GS14 Kenneth
Sent: Friday, November 03, 2000 2:00 PM
To: Baker GM13 Carl H
Cc: Day GS14 Kenneth
Subject: FW: Statistics

Carl,

I provided this information to Fred earlier this morning - it appears to be the same type of information that you are seeking. The one piece that I did not provide to Fred is that we have 187 mobile home spaces in Knox Mobile Home Park. Currently we have only about 35% of those spaces utilized though.

Ken

-----Original Message-----
From: Day GS14 Kenneth
Sent: Friday, November 03, 2000 09:55
To: Cone GM14 Frederick E
Cc: Day GS14 Kenneth; Thorne GM13 I Marie
Subject: Statistics

Fred,

As you requested, the following information is provided:

NUMBER OF FAMILY HOUSING UNITS:

Tarawa Terrace	1843
Midway Park	697
Berkely Manor	677
Watkins Village	250
Paradise Point	534
Courthouse Bay	8
Rifle Range	5
Marine Corps Air Station	433

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TOTAL

4447

NUMBER OF FAMILY MEMBERS: There are currently 4,280 military sponsors and 10,538 family members residing in the above listed family housing units according to our database. The number of family members residing in the different size housing units can be determined, however, not without more detailed research.

Ken

CLW

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From: Raines GS12 Rick H
Sent: Thursday, November 09, 2000 11:53 AM
To: Sakai GM14 Craig K; Paul GS13 Neal N
Cc: Brewer GS14 Scott A; Dreyer GS13 Kelly A; Jungreis Capt Jeremy N; Reed Jr Maj Leslie H; 'olson.dave@hq.navy.mil'; 'stevenska@efdlant.navfac.navy.mil'
Subject: RE: GROUNDWATER CONTAMINATION: SEN EDWARDS INQUIRY

Craig,
 Here is our response to Sen Edwards inquiry. Let me know if you need clarification or any additional information.
 R/S
 Rick

To date there has been a total of approximately \$89,594,412 spent on contamination cleanup here at Marine Corps Base, Camp Lejeune, North Carolina. The cleanup of Camp Lejeune has been paid for by Environmental Restoration, Navy funding and Operation and Maintenance, Marine Corps funding. These two programs will continue to fund Camp Lejeune remediation in the future. The total cost to complete associated with Camp Lejeune cleanup is estimated to be \$143,289,145. The following breaks down the per year totals spent on remediation at Camp Lejeune:

Prior to 1992	\$1.114 million
1992	\$3.89 million
1993	\$7.79 million
1994	\$13.34 million
1995	\$12.14 million
1996	\$13.74 million
1997	\$6.83 million
1998	\$13.58 million
1999	\$6.52 million
2000	\$10.65 million

Of the total amount spent, \$21,924,643 has been spent at program sites: Operable Unit 1, Operable Unit 2, Building 645, Hadnot Point Industrial Area, and Building 1613 on cleanup of groundwater contamination associated with the contaminated drinking water wells issue. The following is a breakdown of the year by year spending at these sites:

	<u>TOTAL</u>	<u>ER,N</u>	<u>O&M,MC</u>
1992	\$3.06 million	\$3.06 million	\$0
1993	\$3.62 million	\$3.62 million	\$0
1994	\$6.55 million	\$5.98 million	\$.57 million
1995	\$1.46 million	\$.9 million	\$.56 million
1996	\$1.39 million	\$.61 million	\$.79 million
1997	\$.75 million	\$.75 million	\$0
1998	\$1.73 million	\$1.73 million	\$0
1999	\$1.65 million	\$.85 million	\$.80 million
2000	\$1.71 million	\$1.71 million	\$0

The following are the Cost to Complete estimates for the sites which have impacting the drinking water supply wells:

Operable Unit 1	\$7.87 million
Operable Unit 2	\$16.71 million
Building 645	\$.5 million
Hadnot Point Industrial Area	\$6.5 million
Building 1613	\$2.57 million

CLW

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From: Brewer GS14 Scott A
Sent: Thursday, November 09, 2000 3:57 PM
To: Karle Col Alfred J Jr
Cc: Phillips Col Thomas S; Cone GM14 Frederick E; Oliver LtCol Keith A; Lyman Maj Arthur R; Crouch Capt Alan F; Paul GS13 Neal N; Raines GS12 Rick H
Subject: FW: response to Sen Edwards

Chief- FYI. email below contains the information HQMC LFL will be sending to OLA to respond to Sen Edwards' question about funds spent to clean up the drinking water contamination associated with the ATSDR study. V/r sab

-----Original Message-----

From: Raines GS12 Rick H
Sent: Thursday, November 09, 2000 3:43 PM
To: Brewer GS14 Scott A
Cc: Paul GS13 Neal N
Subject: response to Sen Edwards

Scott,
This looks like it will be the official response to Sen Edwards' request for info.
Rick

To date, approximately \$21.9 million has been spent on cleaning up groundwater associated with the contaminated drinking water wells that were closed in 1984-1985 at Marine Corps Base, Camp Lejeune, North Carolina. The primary funding source for this cleanup is the Environmental Restoration, Navy (ER,N) account. In addition, some Operations and Maintenance, Marine Corps (O&M,MC) funds were used to clean up an underground storage tank leak that contributed to the contamination. The following is a breakdown year by year of estimated spending at these sites:

	<u>TOTAL</u>	<u>ER,N</u>	<u>O&M,MC</u>
1992	\$3.06 million	\$3.06 million	\$0
1993	\$3.62 million	\$3.62 million	\$0
1994	\$6.55 million	\$5.98 million	\$.57 million
1995	\$1.46 million	\$.9 million	\$.56 million
1996	\$1.39 million	\$.61 million	\$.79 million
1997	\$.75 million	\$.75 million	\$0
1998	\$1.73 million	\$1.73 million	\$0
1999	\$1.65 million	\$.85 million	\$.80 million
2000	\$1.71 million	\$1.71 million	\$0

The estimated cost to complete for these sites is \$34.1 million. The ER,N account is expected to fund approximately \$33.6 million with the remaining \$0.5 million to come from O&M,MC for completion of underground storage tank remediation.

In addition to Department of the Navy funding, the Environmental Protection Agency has spent approximately \$3.5 million to date on cleanup at the ABC Drycleaners site, a Superfund site that was the source of contamination for a portion of the drinking water system.

CLW

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Raines GS12 Rick H

From: Paul GS13 Neal N
Sent: Thursday, November 16, 2000 9:41 AM
To: Cone GM14 Frederick E
Cc: Brewer GS14 Scott A; Raines GS12 Rick H; Jungreis Capt Jeremy N
Subject: Water Distribution Systems at Camp Lejeune

Fred,
See CMC HQ's request. Please let me know when you can meet on this.

-----Original Message-----

From: Dreyer GS13 Kelly A
Sent: Thursday, November 16, 2000 9:40 AM
To: Paul GS13 Neal N
Cc: Sakai GM14 Craig K; Raines GS12 Rick H
Subject: Water Distribution Systems at Camp Lejeune

Neal -

There seems to be a little confusion regarding when each of the water distribution systems at Camp Lejeune were installed and the timeframe and area each of them served. It's important to set the record straight.

ATSDR published a report in 1998 which assumes that the Holcomb Blvd water distribution plant has always provided water to the Midway Park, Paradise Point, Berkeley Manor, and Watkins Village housing areas. I don't think the Holcomb Blvd Plant was even built until 1972 which makes this assumption incorrect. We are also receiving several calls from concerned citizens wanting to know where their water came from.

Can you please work with Facilities to compose a memo from Camp Lejeune to ATSDR with a copy to CMC and NEHC that contains the following information:

- (1) All water Distribution systems
- (2) When each water distribution system was built
 - (a) which wells are connected to which water distribution system
 - (b) which wells were contaminated (when and what were the levels)
 - (c) Which wells were closed
- (3) What areas each water distribution provided water to (housing, administrative, etc.)
 - (a) the number of housing units in each housing area
 - (b) Bldg numbers for Administrative buildings
- (4) The timeframe each water distribution provided water to the specific area
- (5) Any other pertinent information about a distribution system (e.g. Holcomb blvd was shut down and connected to the Hadnot Point system for 9 days),
WHAT WELLS SHUT DOWN / WHEN RE-PUT ON LINE

If possible, an easy to read table would be a great format to present the information in. I'd like to have the memo signed out by 1 Dec 00 at the latest. Please let me know if you need clarification or are not able to meet the deadline. I really appreciate your assistance. It's important to get this information to ATSDR so they can prepare an accurate report and also update previous studies that may be incorrect.

VR,
Kelly Dreyer
Environmental Restoration Program Manager
HQ Marine Corps
DSN 225-8302, ext 3329
COM (703) 695-8302, ext 3329
dreyerka@hqmc.usmc.mil

- DOES SITE WANT DIST. SYS' NOT INCLUDED IN STUDY / TIME FRAME

CLW

0000003243



- DO WE NEED 3RD PART REVIEW
- SLIDE ON DATE | UPDATE BY NEXT WEEK.
- APPROVALS |

Baker GM13 Carl H

From: Baker GM13 Carl H
Sent: Friday, November 17, 2000 7:33 AM
To: Frazelle WS14 Byron M
Subject: RE: When the Wells came on line

I used Plant Account records. Even called about Holcomb Boulevard to get an exact date. Of course, if Plant Account records were no better than now, the date could be wrong. I used the dates because they are the official documents. If you have anything that dates actual plant production, please provide.

Are we having fun yet???

Carl

-----Original Message-----

From: Frazelle WS14 Byron M
Sent: Friday, November 17, 2000 7:10 AM
To: Baker GM13 Carl H
Subject: FW: When the Wells came on line

Carl in your October 27 response I think it is incorrect. Holcomb Blvd. was activated 1972. I don't think TT was built until late 40's or early 50's. I could be wrong but I was always told a contractor built it in the early 50's and then sold it to the government. Mack

-----Original Message-----

From: Jungreis Capt Jeremy N
Sent: Thursday, November 16, 2000 2:35 PM
To: Paul GS13 Neal N; Cone GM14 Frederick E
Cc: Raines GS12 Rick H; Baker GM13 Carl H; Frazelle WS14 Byron M
Subject: RE: When the Wells came on line

Roger that. I'll be there.

v/r
J.

-----Original Message-----

From: Paul GS13 Neal N
Sent: Thursday, November 16, 2000 2:34 PM
To: Cone GM14 Frederick E
Cc: Raines GS12 Rick H; Jungreis Capt Jeremy N; Baker GM13 Carl H; Frazelle WS14 Byron M
Subject: When the Wells came on line

Gentlemen,
We'll be meeting in Fac conf room on Monday at 10am to discuss CMC HQ's request.
V/R,
Neal

-----Original Message-----

From: Cone GM14 Frederick E
Sent: Thursday, November 16, 2000 2:31 PM
To: Paul GS13 Neal N
Cc: Jungreis Capt Jeremy N; Baker GM13 Carl H; Frazelle WS14 Byron M
Subject: RE: When the Wells came on line

LET'S MAKE IT 1000 MONDAY THEN....YOU GUYS HAVE MOST OF THE CURRENT DATA. YOU NEED TO BE THERE.

-----Original Message-----

From: Paul GS13 Neal N
Sent: Thursday, November 16, 2000 2:28 PM
To: Cone GM14 Frederick E

CLW

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Raines GS12 Rick H

From: Baker GM13 Carl H
Sent: Friday, November 24, 2000 2:07 PM
To: Raines GS12 Rick H
Subject: RE: water distribution system info

Rick,

Before getting too far, Neal was going to check to see if information for ALL water systems were needed or just for Hadnot Point, Holcomb Boulevard, and Tarawa Terrace.

Thanks,

Carl

-----Original Message-----

From: Raines GS12 Rick H
Sent: Wednesday, November 22, 2000 10:37 AM
To: Baker GM13 Carl H
Cc: Paul GS13 Neal N
Subject: water distribution system info

Carl,

I am trying to compile the drinking water info requested by HQ and have run into a few data gaps. I appreciate the info that you had delivered but there are a few areas that I need help in filling in. Namely:

What year were the Camp Johnson, Onslow Beach, Rifle Range, Camp Geiger and New River WTPs built and how long did they run? Which additional areas did they serve?

The number of administrative buildings served by the WTPs and the building numbers. This will have to be further defined. I don't think the intent is to list hundreds if not thousands of buildings. Need clarification on this one.

How many houses are at Hospital Point and what system served them? 23 Quarters served by the Hadnot Point Water Treatment Plant.

What plants served Knox trailer park and for what years?

Knox Mobile Home Park is served by the Holcomb Boulevard Water Treatment Plant. From 1975 to the expansion of the Holcomb Boulevard plant in 1987 (previously thought to be 1985), Knox was primarily served by the Tarawa Terrace Water Treatment Plant. Some of the water was provided by the Camp Johnson Water Treatment Plant when the Tarawa Terrace plant was undergoing maintenance or if some wells were being serviced. About 80% of the water come from TT and 20% from Camp Johnson. These estimates are very rough and not based on plant records since none are available. (This response is slightly modified from the one provided in my e-mail to Fred Cone dated 19 October 2000. A copy was provided in the information I sent previously)

The well ids serving each of the systems? When these wells were active and when taken off line?

I have the spreadsheet you did for the contaminated wells but it doesn't show the wells that were sampled and put back on line. Also if you have an electronic version of that it would be appreciated if you could forward that.

I appreciate your help in getting this task accomplished. I'm sure that once we get these questions answered I will have a few other gaps that we will need to address.

Once again thanks and let me know if you need any further clarification

R/S

Rick

CLW

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Raines GS12 Rick H

From: Crouch Capt Alan F
Sent: Tuesday, November 28, 2000 6:45 PM
To: Cone GM14 Frederick E; Brewer GS14 Scott A; Jungreis Capt Jeremy N
Cc: Lyman Maj Todd W; Paul GS13 Neal N; Raines GS12 Rick H; Butler Capt Steve A; Gibbons Maj Patrick G; Sakai GM14 Craig K; Dreyer GS13 Kelly A; 'Simmons, Mary Ann'
Subject: RE: STARS & STRIPES INQUIRY ABOUT CAMP LEJEUNE WATER WELLS 1980-85

Gentlemen,

At the recommendation of Fred Cone, we should meet at his office in Lejeune Hall to review the facts as we know them, 0930 tomorrow (Wed).

I just talked with Sandra Jontz, the Stars & Stripes reporter. She's looking for our best answers to the following:

- 1) What's the timeline of well closures? (She's got the basic timeline from Col. Lehnert -- she's looking to confirm the hallmark dates and get into the specific dates wells were identified as contaminated and subsequently closed.)
- 2) What was known of these chemicals (TCE & PCE) and when? (...and along with that question...) Why the delay (Oct. '80 - Nov '84) in closing the contaminated wells?
- 3) Where did the results of the Ft. McPhearson tests go? When? Did Lejeune get them? Why or why not?

I'm assuming that because HQMC forwarded this query to us they've reached the limits of their knowledge on this topic and know that we're going to give the best answers we can without venturing into speculation. I made sure Sandra knows these questions are historical and we may not have all the pertinent facts, but that we'd make it clear if we know something to be true or believe something to be true, but will NOT conjecture or try to 'guess' what folks back then were thinking when all this was going on.

While not an 'internal' publication, Stars & Stripes is more of an informative paper than a tabloid rag. She's trying to explain to her readers, on an 8th grade level, what happened here and why. We need to give her the known facts. We don't need to treat this as a congressional inquiry and account for each day of the time period in question. Still, if there's anyone you know who could help shed light on a subject, please give them a ring and ask.

See you tomorrow.

R/S - Capt. Alan Crouch

-----Original Message-----

From: Cone GM14 Frederick E
Sent: Tuesday, November 28, 2000 4:07 PM
To: Crouch Capt Alan F
Subject: RE: Media Query: Request CamLej Assistance

SOUNDS GOOD. WHY DON'T WE TRY TO GET TOGETHER AT 0930 AND CALL HER AT 1030...OR WHATEVER WORKS OUT. CAN MEET UP HERE IF YOU LIKE. THAT WAY WE CAN GO OVER A FEW THINGS BEFORE DISCUSSING WITH HER. I'LL PROBABLY HAVE CARL BAKER PRESENT, ALSO. HE HAS A PRETTY GOOD HANDLE ON SOME OF THE DATES, ETC.
FRED

-----Original Message-----

From: Crouch Capt Alan F
Sent: Tuesday, November 28, 2000 4:00 PM
To: Cone GM14 Frederick E
Subject: RE: Media Query: Request CamLej Assistance

Roger, understand. Would you like to meet tonight or tomorrow morning? Truthfully, I was thinking of having Jeremy here (or there, with you) during the conversation.

More information isn't necessarily better, though. We can always say "I don't have that information" if we don't have the information responsive to her question. The only reason we're doing a phoner at all is so she can get quotes directly, vice via the PAOs.

Still, we aim to please and want to get out the facts as we know them. Consistency is key, along with no speculations. I'll be happy to get everyone together at your convenience.

R/S - Alan

-----Original Message-----

CLW

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From: Cone GM14 Frederick E
Sent: Tuesday, November 28, 2000 3:51 PM
To: Crouch Capt Alan F
Subject: RE: Media Query: Request CamLej Assistance

ALAN-
I MISUNDERSTOOD YOU...THOUGHT THE 3-WAY WAS BETWEEN YOU, JEREMY, AND MYSELF. I'LL NEED TO PULL SOME DATA TOGETHER BEFORE WE TALK TO HER. I THINK IT WOULD BE GOOD TO MEET WITH JEREMY AND YOURSELF AND PROBABLY CARL BAKER TO COMPARE NOTES BEFORE WE TALK TO HER.

PROBABLY CAN STILL DO IT TOMORROW.
THOUGHTS.
FRED

-----Original Message-----

From: Crouch Capt Alan F
Sent: Tuesday, November 28, 2000 3:47 PM
To: Cone GM14 Frederick E
Subject: RE: Media Query: Request CamLej Assistance

Good to go. I'll call the reporter and let her know. I'll try to get some specifics from her too.

S/F - Alan

-----Original Message-----

From: Cone GM14 Frederick E
Sent: Tuesday, November 28, 2000 3:46 PM
To: Crouch Capt Alan F
Subject: RE: Media Query: Request CamLej Assistance

ALAN-
I'M AVAILABLE MOST OF TOMORROW MORNING IF YOU WANT TO SET SOMETHING UP.
FRED

-----Original Message-----

From: Crouch Capt Alan F
Sent: Tuesday, November 28, 2000 3:19 PM
To: Cone GM14 Frederick E
Cc: Jungreis Capt Jeremy N; Lyman Maj Todd W; Raines GS12 Rick H; Paul GS13 Neal N
Subject: RE: Media Query: Request CamLej Assistance

Fred,

According to HQMC, PA, she's looking for specific info on the closing of the wells (when, where, what areas were serviced, maybe a number of people who were serviced by each plant, stuff like that). I know Capt. Jungreis is fairly familiar with those details, but it should really be someone in Facilities who talks (no offense, Jeremy) as the 'subject matter expert.'

Let me know if you're available this afternoon or sometime tomorrow morning and I'll hook up a three-way call.

Thanks.

S/F - Alan

-----Original Message-----

From: Cone GM14 Frederick E
Sent: Tuesday, November 28, 2000 11:07 AM
To: Crouch Capt Alan F; Paul GS13 Neal N
Cc: Raines GS12 Rick H; Jungreis Capt Jeremy N
Subject: RE: Media Query: Request CamLej Assistance

I'LL GIVE CRAIG A CALL AND SEE IF HE KNOWS ANYMORE. WE'LL NEED SOME HELP ON THE "PAST DISPOSAL PRACTICES".
FRED

-----Original Message-----

From: Crouch Capt Alan F
Sent: Tuesday, November 28, 2000 10:42 AM

CLW

0000003251

To: Cone GM14 Frederick E; Paul GS13 Neal N
Cc: Raines GS12 Rick H; Jungreis Capt Jeremy N
Subject: RE: Media Query: Request CamLej Assistance

Gentlemen,

Thanks for the reply. I agree, Neal, that Facilities would be the best info sources. I don't know yet what her questions will be, but I know she already talked with HQMC, I&L about this issue. I'll try to get some more input from Capt. Butler. It may not be a bad idea for you (Fred) to call Craig Sakai to get his interpretation of this story and Col. Lehnert's interview. From our end, the questions should be about our wells, water distribution and maybe about what we keep calling "past disposal practices" of these cleaners and degreasers. I'll get back to you when I have more.

R/S - Alan

-----Original Message-----

From: Cone GM14 Frederick E
Sent: Tuesday, November 28, 2000 7:45 AM
To: Crouch Capt Alan F; Raines GS12 Rick H; Paul GS13 Neal N
Cc: Jungreis Capt Jeremy N
Subject: RE: Media Query: Request CamLej Assistance

DO WE HAVE AN IDEA AOBUT WHAT QUESTIONS SHE HAS?

IF SHE IS MOSTLY CONCERNED WITH WELL WATER SITE ISSUES, WE CAN PROBABLY HANDLE. IF SHE WANTS TO GET INTO HEALTH CONCERNS OR CLEAN-UP METHODS, WE'LL NEED SOME ASSISTANCE.
FRED

-----Original Message-----

From: Crouch Capt Alan F
Sent: Monday, November 27, 2000 6:17 PM
To: Cone GM14 Frederick E; Raines GS12 Rick H; Paul GS13 Neal N
Cc: Jungreis Capt Jeremy N
Subject: FW: Media Query: Request CamLej Assistance

Gentlemen,

Please let me know tomorrow who can best talk with Ms. Jontz on the issue of 'past water well site issues.'

S/F - Alan

-----Original Message-----

From: Butler Capt Steve A
Sent: Monday, November 27, 2000 5:35 PM
To: Crouch Capt Alan F
Cc: Gibbons Maj PatrickG; Oliver LtCol Keith A; Lehnert Col Michael R; 'jontzs@stripes.osd.mil'
Subject: Media Query: Request CamLej Assistance

Attn: Alan Crouch, CamLej Media PAO
Alan,

Sandra Jontz, Stars & Stripes, 703-695-4292 just conducted an interview With BGen (sel) Lehnert regarding the Camp Lejeune Water Health Survey. Respectfully request a spokesperson from base utilities to discuss past "well water site" issues with her. In advance, thanks for your assistance. Please contact her at your earliest convenience.

Very Respectfully,
Capt. Steve Butler
HQMC Division of Public Affairs
Pentagon, Rm 5E774
(703) 614-8029
Fax (703) 695-7460

CLW

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