

N42237.AR.000131  
NSB KINGS BAY  
5090.3a

LETTER REGARDING HAZARDOUS RANKING SYSTEM SCORE FOR NSB KINGS BAY GA  
6/11/1993  
NAVFAC SOUTHERN



DEPARTMENT OF THE NAVY

SOUTHERN DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
2155 EAGLE DR. P O BOX 190010  
NORTH CHARLESTON, S C 29419 9010

31547.000  
19.01.00.0007

PLEASE ADDRESS REPLY TO THE  
COMMANDING OFFICER, NOT TO  
THE SIGNER OF THIS LETTER.  
REFER TO:

5090/13  
Code 1868

JUN 1983

Ms. Coran Falconer  
U.S. Environmental Protection Agency  
Region IV  
345 Courtland Street, N.E.  
Atlanta, GA 30365

Subj: HAZARDOUS RANKING SYSTEM SCORE FOR NAVAL SUBMARINE BASE,  
KINGS BAY, GA

Dear Ms. Falconer:

We are pleased to submit our response to your request for information on the location of all wells within a four mile radius of the subject activity.

Your request was referred to our contractor, and enclosed is a copy of their report, together with a marked-up map showing the location of all wells that could be located.

We trust that this is satisfactory for your needs. For additional information of resolutions of questions please call me at (803) 743-0355.

Sincerely,

G.E. LOHR, PE  
Installation Restoration II Branch

Encl:

(1) Report and Marked-up Map

Copy to:

SUBASE Kings Bay (PWO) (w/encl)  
ABB Environmental Services (w/o encl)  
Mr. Frank Cater, Knoxville  
Shannon E. Buckley, Washington DC  
A. Felser, Washington DC  
A. Donlon, Washington DC  
SOUTHNAVFACENGCOM (Kim Queen) (w/o encl)



May 24, 1993

Commanding Officer  
Mr. Ed Lohr/Code 1868  
SOUTHNAVFACENGCOM  
P.O. Box 190010  
North Charleston, SC 29419-9010

SUBJECT: RESPONSE TO USEPA COMMENTS ON HAZARD RANKING SYSTEM SCORE FOR  
NAVAL SUBMARINE BASE (NSB) KINGS BAY, GEORGIA  
CONTRACT NO. N62467-89-D-0317.

Dear Mr. Lohr:

As requested by Ms. Kim Queen at Southern Division, ABB Environmental Services, Inc. (ABB-ES) has addressed USEPA comments on the Documentation Support and Hazard Ranking System (HRS) Scoring Report for NSB Kings Bay. The USEPA has requested additional information on the location of all wells within a 4-mile radius of NSB Kings Bay. Three copies of a USGS map depicting the location of the wells in a 4-mile radius of NSB Kings Bay are included for submittal to the USEPA Region IV and NSB Kings Bay.

During the site visit completed as a part of the preparation of the HRS Score for NSB Kings Bay (CTO No. C61), ABB-ES contacted the Georgia Department of Natural Resources (GADNR) to identify the location of all wells within a 4-mile radius of NSB Kings Bay. The location and use of these wells are discussed in the Documentation Support and Hazard Ranking System Scoring Report for NSB Kings Bay (July, 1992) and are marked by blue dots on the enclosed map.

Since the submission of this report, ABB-ES has identified additional wells in the vicinity of NSB Kings Bay during preparation of the RFI Phase I Report (March, 1993). First, the U.S. Geological Survey (USGS) was contacted. The USGS provided ABB-ES with the location and use of 24 wells in the vicinity of NSB Kings Bay (Attachment 1). These 24 wells are shown in yellow (or orange) dots on the enclosed map. Second, during the RFI Phase I field investigation, ABB-ES personnel were approached by residents who indicated that wells were located on their property. These wells are marked by blue dots on the map. The RFI Phase I report summarizes the location and use of these wells (April, 1993).

To ensure that all wells within a 4-mile radius of NSB Kings Bay were identified, ABB-ES contacted the GADNR and the Camden County Health Department. A copy of the enclosed USGS quadrangle map was forwarded to Ms. Maria Humphries at the GADNR and Mr. Randy McCall at the Camden County Health Department. These individuals were then contacted by ABB-ES. Ms. Humphries stated that additional information to confirm the location of all wells in the area was only obtainable via an office visit. Mr. McCall supplied ABB-ES with a listing of 23 areas which

ABB Environmental Services Inc.

Mr. Ed Lohr  
May 24, 1993  
Page 2

have private or community wells marked with red dots. These areas are listed in Attachment 2 along with the number of wells present in each area.

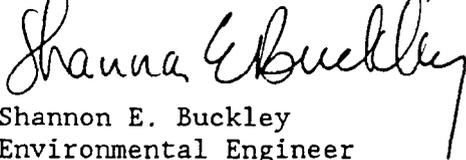
As described in the July 1992 Documentation Support for the NSB Kings Bay HRS Scoring, the incorporated areas of Kingsland and St. Marys have a municipal water supply system. The city of St. Marys is supplied by two water supply wells that are located on Jefferson Road near the NSB Kings Bay boundary and near the border of St. Marys Airport (adjacent to Spence Street). Two wells located in Mission Trace and on Ready Street near City Hall are available on a stand by basis for St. Marys. The city of Kingsland is served by two water supply wells that are located off South Grove Boulevard near Colony Pines. It is expected that all residents within the incorporated areas use the municipal water for drinking water. In the unincorporated areas, private wells may be used to supply water for residents.

oo

Please feel free to contact me at (202) 797-6545 or Alan Felser at (202) 797-6565 if you have any questions or concerns regarding this submittal. ✓

Sincerely yours,

ABB ENVIRONMENTAL SERVICES, INC.



Shannon E. Buckley  
Environmental Engineer

SB/ad  
Attachments

cc: K. Queen/SOUTHDIV  
F. Cater/Knoxville  
A. Felser/Washington DC  
A. Donlon/Washington DC

## ATTACHMENT 1

## Water Well Data

Map No.	Latitude (Degrees)	Longitude (Degrees)	Bottom of Casing (ft)	Depth of Well (ft)	Station Name
1	304627	0813712	80.0	474	Rayonier, Inc
2	304751	0813201	302.0	--	USN Kings Bay Refill Sta.
3	304910	0813238	186.0	516	USN Kings Bay ETOWAH
4	305208	0813503	--	650	Bailey, W
5	304608	0813452	--	750	Finn & Neighbor
6	304510	0813438	525.0	770	Davis, G H
7	305037	0813323	261.0	470	Crooked River St. Park
8	305045	0813346	250.0	565	Amer Legion, St. Marys
9	304800	0813105	145.0	486	USN Kings Bay Club
10	305031	0813427	450.0	650	Norieka, Richard
11	304756	0813111	555.0	990	USN Kings Bay TW 1
12	304739	0813431	585.0	894	USN Kings Bay 1
13	304743	0813342	585.0	813	USN Kings Bay 2
14	304752	0813112	500.0	810	USN Kings Bay 4
15	304759	0813119	500.0	800	USN Kings Bay 3
16	304913	0813531	--	575	Dr. Carl Drury, Laurel Is
17	305157	0813156	66.0	340	Brunswick Pulp and Paper
18	304749	0813353	100.0	1150	USN Kings Bay Obser. No. 1
			560.0		
			950.0		
19	304749	0813353	100.0	750	USN Kings Bay Obser. No. 2
20	304916	0813607	245.0	650	Joiner-Greene-Crockr-Onel
21	304515	0813657	87.0	111	Osprey Cove Golf Course
22	304515	0813657	334.0	502	Osprey Cove Golf Course
23	--	--	--	35-40	Private Well
24	--	--	--	35-40	Private Well

## Notes:

-- = No Data



ATTACHMENT 2

**Camden County Health Department**  
POST OFFICE BOX 437 • KINGSLAND, GEORGIA 31548  
TELEPHONE 912/729-4554



May 18, 1993

Andrea F. Donlon  
Environmental Scientist  
1400 16th Street  
Suite 720  
Washington, D.C. 20036

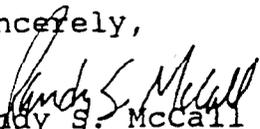
Dear Andrea:

To follow is a list of wells that we have on record. The list is divided by area and subdivision or street names. Location will be plotted on the map that you sent to me; it will come under different cover.

I feel that I should reiterate that the number of wells in these areas may be much higher than our records indicate. Many people in downtown St. Marys have installed shallow wells for irrigation. (In fact, I have five on my property at 304 West Weed Street.)

A more complete study is possible, but it would take an incredible staff and daunting manhours. I hope the enclosed list will help. Please call if you need anything further.

Sincerely,

  
Randy S. McCall  
Lead Environmentalist

dlp

cc: file

Private Wells

Area

1. Sadler Cove - 39	Harriets
2. Mallard Pointe - 112	Bluff
3. Sadler Creek - 5	Road
4. London Hill - 16	
5. Harrietts Bluff - 6	Avg. depth 200'
6. Timber Ridge - 5	
7. Elliotts Plantation - 1 (public community)	Elliotts
8. Riverbend - 3	Bluff
9. Marsh Point - 1 (non-public community)	
10. Foxwood - 40	Avg. depth 125'
11. Gaines Davis - 7	
12. New Hope Baptist Church - 1	Spur 40 to
13. Woodsville - 1	Hwy 40
14. Bank South - 1	
15. Shadowlawn - 4	Avg. depth 60'
16. N. River Oaks - 9	
17. Highland Oaks - 23	
18. River Oaks - 24	
19. Chaney's MHP - 2	Point
20. Pagan Street - 1	Peter
21. Marchi Drive - 1	
22. Lonesome Pine Road - 1	Avg. depth 85'
23. Palmetto Street - 1	

\* Compiled by the Camden County Health Department.

JKL  
6/21/93

C.O., Southdiv

Subject; Hazardous Ranking System Score for NSB Kings Bay

Re: (a) Telecom btwn John Garner, N561 and Ed Lohr, SouthDiv.  
(b) ABB-ES letter to SouthDiv dtd 24 May 1993.  
(c) SouthDiv letter to EPA dtd 11 June 1993.

In accordance with Ref.(a) we are providing a map entitled "Figure 4-1 Location of BATW Raw Water Supply Wells" (Enclosure 1) to show the location of our Well No. 6. This well was not shown on the map enclosed with Ref.(b) which was transmitted to EPA by Ref.(c).

Notice is provided to ABB-ES to correct their submission by copy of this letter.

Enclosure (1) Figure 4-1 Location of BAWTP Raw Water Supply Wells.  
Copy to ABB-ES with enclosure.