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NSB KINGS BAY
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LETTER REQUESTING REDUCTION IN THE GROUNDWATER MONITORING FREQUENCY AT SITE 11 NSB KINGS BAY GA
8/1/2001
NSB KINGS BAY

NSB Kings Bay Administrative Record
Document Index Number

31547-000
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DEPARTMENT OF THE NAVY
NAVAL SUBMARINE BASE
1063 USS TENNESSEE AVENUE
KINGS BAY, GEORGIA 31547-2606

IN REPLY REFER TO:
5090
Ser FE4/1845

01 AUG 2001

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Billy Hendricks
Georgia Department of Natural Resources
Environmental Protection Division
205 Butler Street, Suite 1154
Atlanta, GA 30334-4910

Dear Mr. Hendricks:

With your approval, Naval Submarine Base Kings Bay, GA would like to reduce the frequency of monitoring for our Site 11 well #KBA-11-02 from quarterly to annually.

Section 3.0 of our approved groundwater monitoring plan, dated June 1999, allows this reduction if the groundwater protection standard has been met for one year. This well has met this criterion since we began quarterly sampling in August, 1999. Enclosure (1) are results from our April - June 2001 Quarterly Groundwater Monitoring Report.

The SUBASE Kings Bay point of contact is Ken Yargus, (912) 673-2001, extension 1217. Please address all correspondence to "Commanding Officer, Naval Submarine Base, Kings Bay, 1063 USS TENNESSEE Avenue, Kings Bay, GA 31547-2606."

Sincerely,

John R Garner

JOHN R. GARNER
Leader, Environmental Division
Facilities & Environmental
By direction of the
Commanding Officer

Enclosure: 1. April - June 2001 Quarterly Groundwater Monitoring Report results

Copy to:
SOUTHNAVENGCOM (Anthony Robinson)
J.A. Jones Environmental Services (Sam Ross)
J.A. Jones Environmental (SUBASE) (Kim Owens)
COMNAVREG-SE

FE41 PE1KY

Groundwater Protection Standard Analyses
KBA-11-02, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-02	01/07/94	CIS-1,2-DICHLOROETHENE	5.0		70
KBA-11-02	01/07/94	CIS-1,2-DICHLOROETHENE	5.0	R	70
KBA-11-02	04/09/94	CIS-1,2-DICHLOROETHENE	10.0		70
KBA-11-02	09/15/94	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	04/11/95	CIS-1,2-DICHLOROETHENE	0.2	J	70
KBA-11-02	04/18/96	CIS-1,2-DICHLOROETHENE	0.0	U	70
KBA-11-02	08/03/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	11/09/99	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	02/11/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	05/04/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	08/11/00	CIS-1,2-DICHLOROETHENE	unable to sample		
KBA-11-02	11/08/00	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	02/06/01	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	05/01/01	CIS-1,2-DICHLOROETHENE	1.0	U	70
KBA-11-02	01/12/93	ETHYLBENZENE	5.0	U	700
KBA-11-02	01/12/93	ETHYLBENZENE	5.0	U	700
KBA-11-02	01/07/94	ETHYLBENZENE	1.0	U	700
KBA-11-02	01/07/94	ETHYLBENZENE	2.0	UR	700
KBA-11-02	04/09/94	ETHYLBENZENE	2.0	U	700
KBA-11-02	09/15/94	ETHYLBENZENE	1.0	U	700
KBA-11-02	04/11/95	ETHYLBENZENE	0.0	U	700
KBA-11-02	04/18/96	ETHYLBENZENE	0.0	U	700
KBA-11-02	08/03/99	ETHYLBENZENE	1.0	U	700
KBA-11-02	11/09/99	ETHYLBENZENE	1.0	U	700
KBA-11-02	02/11/00	ETHYLBENZENE	1.0	U	700
KBA-11-02	05/04/00	ETHYLBENZENE	1.0	U	700
KBA-11-02	08/11/00	ETHYLBENZENE	unable to sample		
KBA-11-02	11/08/00	ETHYLBENZENE	1.0	U	700
KBA-11-02	02/06/01	ETHYLBENZENE	1.0	U	700
KBA-11-02	05/01/01	ETHYLBENZENE	1.0	U	700
KBA-11-02	01/12/93	TETRACHLOROETHENE	5.0	U	5
KBA-11-02	01/12/93	TETRACHLOROETHENE	5.0	U	5
KBA-11-02	01/07/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	01/07/94	TETRACHLOROETHENE	2.0	UR	5
KBA-11-02	04/09/94	TETRACHLOROETHENE	2.0	U	5
KBA-11-02	09/15/94	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	04/11/95	TETRACHLOROETHENE	0.0	U	5
KBA-11-02	04/18/96	TETRACHLOROETHENE	0.0	U	5
KBA-11-02	08/03/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-02	11/09/99	TETRACHLOROETHENE	3.0	U	5
KBA-11-02	02/11/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	05/04/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	08/11/00	TETRACHLOROETHENE	unable to sample		
KBA-11-02	11/08/00	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	02/06/01	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	05/01/01	TETRACHLOROETHENE	1.0	U	5
KBA-11-02	01/12/93	TOLUENE	2.0	J	1000
KBA-11-02	01/12/93	TOLUENE	2.0	J	1000
KBA-11-02	01/07/94	TOLUENE	1.0	U	1000
KBA-11-02	01/07/94	TOLUENE	2.0	UR	1000
KBA-11-02	04/09/94	TOLUENE	0.7	J	1000
KBA-11-02	09/15/94	TOLUENE	1.0	U	1000

I = interference.
J = estimated value; value is between MDL and PQL.
U = compound analyzed for but not detected to level shown.
R = extract reanalyzed without re-extraction.
BOLD = result exceeds the GPS.

ENCLOSURE (1)

Groundwater Protection Standard Analyses
KBA-11-02, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-02	04/11/95	TOLUENE	0.0	U	1000
KBA-11-02	04/18/96	TOLUENE	0.0	U	1000
KBA-11-02	08/03/99	TOLUENE	1.0	U	1000
KBA-11-02	11/09/99	TOLUENE	1.0	U	1000
KBA-11-02	02/11/00	TOLUENE	1.0	U	1000
KBA-11-02	05/04/00	TOLUENE	1.0	U	1000
KBA-11-02	08/11/00	TOLUENE	unable to sample		
KBA-11-02	11/08/00	TOLUENE	1.0	U	1000
KBA-11-02	02/06/01	TOLUENE	1.0	U	1000
KBA-11-02	05/01/01	TOLUENE	1.0	U	1000
KBA-11-02	01/07/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	01/07/94	TRANS-1,2-DICHLOROETHENE	2.0	UR	100
KBA-11-02	04/09/94	TRANS-1,2-DICHLOROETHENE	2.0	U	100
KBA-11-02	09/15/94	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	04/11/95	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-02	04/18/96	TRANS-1,2-DICHLOROETHENE	0.0	U	100
KBA-11-02	08/03/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	11/09/99	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	02/11/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	05/04/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	08/11/00	TRANS-1,2-DICHLOROETHENE	unable to sample		
KBA-11-02	11/08/00	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	02/06/01	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	05/01/01	TRANS-1,2-DICHLOROETHENE	1.0	U	100
KBA-11-02	01/12/93	TRICHLOROETHENE	5.0	U	5
KBA-11-02	01/12/93	TRICHLOROETHENE	5.0	U	5
KBA-11-02	01/07/94	TRICHLOROETHENE	1.0	U	5
KBA-11-02	01/07/94	TRICHLOROETHENE	2.0	UR	5
KBA-11-02	04/09/94	TRICHLOROETHENE	2.0	U	5
KBA-11-02	09/15/94	TRICHLOROETHENE	1.0	U	5
KBA-11-02	04/11/95	TRICHLOROETHENE	0.2	J	5
KBA-11-02	04/18/96	TRICHLOROETHENE	0.0	U	5
KBA-11-02	08/03/99	TRICHLOROETHENE	1.0	U	5
KBA-11-02	11/09/99	TRICHLOROETHENE	1.0	U	5
KBA-11-02	02/11/00	TRICHLOROETHENE	1.0	U	5
KBA-11-02	05/04/00	TRICHLOROETHENE	1.0	U	5
KBA-11-02	08/11/00	TRICHLOROETHENE	unable to sample		
KBA-11-02	11/08/00	TRICHLOROETHENE	1.0	U	5
KBA-11-02	02/06/01	TRICHLOROETHENE	1.0	U	5
KBA-11-02	05/01/01	TRICHLOROETHENE	1.0	U	5
KBA-11-02	**01/12/93**	**VINYL CHLORIDE**	**100.0**		**2**
KBA-11-02	**01/12/93**	**VINYL CHLORIDE**	**85.0**		**2**
KBA-11-02	**01/07/94**	**VINYL CHLORIDE**	**25.0**		**2**
KBA-11-02	01/07/94	VINYL CHLORIDE	23.0	R	2
KBA-11-02	**04/09/94**	**VINYL CHLORIDE**	**33.0**		**2**
KBA-11-02	09/15/94	VINYL CHLORIDE	1.0	U	2
KBA-11-02	**04/11/95**	**VINYL CHLORIDE**	**2.0**		**2**
KBA-11-02	04/18/96	VINYL CHLORIDE	0.0	U	2
KBA-11-02	08/03/99	VINYL CHLORIDE	1.0	U	2
KBA-11-02	11/09/99	VINYL CHLORIDE	1.0	U	2
KBA-11-02	02/11/00	VINYL CHLORIDE	1.0	U	2
KBA-11-02	05/04/00	VINYL CHLORIDE	1.0	U	2

I = interference.
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BOLD = result exceeds the GPS.

Groundwater Protection Standard Analyses
KBA-11-02, Site 11 NSB Kings Bay

LOCATION	SAMPLE DATE	PARAMETER	RESULT (ug/L)	Q	CRITERIA (ug/L)
KBA-11-02	08/11/00	VINYL CHLORIDE	unable to sample		
KBA-11-02	11/08/00	VINYL CHLORIDE	1.0	U	2
KBA-11-02	02/06/01	VINYL CHLORIDE	1.0	U	2
KBA-11-02	05/01/01	VINYL CHLORIDE	1.0	U	2
KBA-11-02	01/12/93	XYLENES, TOTAL	2.0	J	10000
KBA-11-02	01/12/93	XYLENES, TOTAL	2.0	J	10000
KBA-11-02	01/07/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-02	01/07/94	XYLENES, TOTAL	2.0	UR	10000
KBA-11-02	04/09/94	XYLENES, TOTAL	2.0	U	10000
KBA-11-02	09/15/94	XYLENES, TOTAL	1.0	U	10000
KBA-11-02	04/11/95	XYLENES, TOTAL	0.2	J	10000
KBA-11-02	04/18/96	XYLENES, TOTAL	0.0	U	10000
KBA-11-02	08/03/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	11/09/99	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	02/11/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	05/04/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	08/11/00	XYLENES, TOTAL	unable to sample		
KBA-11-02	11/08/00	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	02/06/01	XYLENES, TOTAL	3.0	U	10000
KBA-11-02	05/01/01	XYLENES, TOTAL	3.0	U	10000

I = interference.
J = estimated value; value is between MDL and PQL.
U = compound analyzed for but not detected to level shown.
R = extract reanalyzed without re-extraction.
BOLD = result exceeds the GPS.