



EnSafe / Allen & Hoshall

a joint venture for professional services

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MILLINGTON SUPPACT
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March 6, 1995

Fisher & Arnold, Inc.
Attn: James Cox, P.E.
5100 Wheelis Dr.
Suite 100
Memphis, TN 38117

RE: Investigation Derived Waste - RCRA Facility Investigation, Naval Air Station Memphis,
Millington, Tennessee; CTO-094.

Dear Mr. Cox:

The attached data have been generated from samples collected from various water sources at NAS Memphis, including decontamination water, drilling water, and development water. Representative samples were collected from each monitoring well cluster to determine the disposal options for the water generated from that source. Samples were submitted to Environmental Testing and Consulting, Inc. (ETC) for analysis by EPA Method 8240. Upon approval, approximately 16,000 gallons of water (284 55-gallon drums) will be discharged to the sanitary sewer system at NAS Memphis. Due to the logistics involved in handling such a large number of drums, the discharge will take place over a period of several days.

Due to project demands, your review of this material in a timely manner would be greatly appreciated. If you have any questions or comments please contact me or Lawson Anderson at 901/372-7962.

Sincerely,

EnSafe/Allen & Hoshall

By: Robert P. Smith, CHMM
Environmental Scientist

attachments

CC: File
NAS Memphis Public Works Office, Env. Div.

IDW Disposal Summary
NAS Memphis RCRA Facility Investigation
March 3, 1995

Sample I.D	Source	Contents	Contaminants (ppb)	
8FRACTANK	Frac Tank	Water	Acetone	244
9FRACTANK	Frac Tank	Water	Acetone	288
			EthylBenzene	1.2J
			Toluene	3.2J
			Trichloroethene	11.9
DEV701	SWMU 7 Well Cluster 1	Development Water	Xylenes	6.66
			Carbon Tetrachloride	3.1J
			Chloroform	2.5J
DEV701	SWMU 7 Well Cluster 1	Development Water	Trichloroethene	3.7J
			ND	
DW701	SWMU 7 Well Cluster 1	Drilling Water	ND	
DEV702	SWMU 7 Well Cluster 2	Development Water	Trichloroethene	3.2J
DW702	SWMU 7 Well Cluster 2	Drilling Water	Acetone	51.8 J
DEV703	SWMU 7 Well Cluster 3	Development Water	Carbon Tetrachloride	10.7
			Chloroform	6.0
			Tetrachloroethane	1.2 J
			Trichloroethene	43.7
DW703	SWMU 7 Well Cluster 3	Drilling Water	Acetone	88.5 J
			Chloroform	2.6 J
			Methylene Chloride	25.3
DEV704	SWMU 7 Well Cluster 4	Development Water	Chloroform	3.9 J
			Trichloroethene	88.4
DW704	SWMU 7 Well Cluster 4	Drilling Water	Methylene Chloride	20.1
DEV705	SWMU 7 Well Cluster 5	Development Water	ND	
DW705	SWMU 7 Well Cluster 5	Drilling Water	ND	

**IDW Disposal Summary
 NAS Memphis RCRA Facility Investigation
 March 3, 1995**

Sample I.D	Source	Contents	Contaminants (ppb)	
DEV706	SWMU 7 Well Cluster 6	Development Water	Chloroform	1.1 J
DW706	SWMU 7 Well Cluster 6	Drilling Water	Chloroform	2.4 J
DEV707	SWMU 7 Well Cluster 7	Development Water	ND	
DW707	SWMU 7 Well Cluster 7	Drilling Water	Benzene	1.3 J
			Chloroform	1.3 J
DEV708	SWMU 7 Well Cluster 8	Development Water	Toluene	3.4 J
DW708	SWMU 7 Well Cluster 8	Drilling Water	Chloroform	1.4 J
			Toluene	1.3 J
DEV709	SWMU 7 Well Cluster 9	Development Water	Xylenes	1.2 J
DW709	SWMU 7 Well Cluster 9	Drilling Water	Chloroform	2.3 J
DEV503	SWMU 5 Well Cluster 3	Development Water	ND	