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MCB CAMP LEJEUNE
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MEMORANDUM REGARDING ANALYTICAL RESULTS FOR BASELINE MONITORING WELL SAMPLING AT LOT 203 AT MARINE CORPS BASE MCB CAMP LEJEUNE NC
2/2/1996
OHM REMEDIATION SERVICES INC

FACSIMILE TRANSMITTAL

FEBRUARY 2, 1996

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FROM:

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Re: Analytical Results from Baseline Monitoring Well Sampling

Attached hereto please find a tabular summary of the results of the sampling event conducted in January 1996 for the monitoring wells in and around Lot 203 at Marine Corps Base Camp Lejeune, N.C. Copies of the voluminous data are available upon request.

From the results for the frac tank water which is planned to be used for plant testing, it is evident that we will have contaminants to evaluate the performance of the plant for both volatiles removal and metals removal.

BASELINE SAMPLING RESULTS

SAMPLE PT.	DCA	TRANS-DCE	PCE	TCE	VINYL CHLORIDE	ETHYL BENZENE	As	Ba	Be	Cr	Pb	Mn	Hg	Vn
Action Level	*0.38*	*70*	*0.7*	*2.8*	*0.015*	*29*	*50*	*1000*	*4*	*50*	*15*	*50*	*1.1*	*80*
SHALLOW WELLS														
S GW 33	<1.00	<1.00	<1.00	3.73	<1.00	<1.00	<1.70	<0.900	<0.800	<2.20	<1.02	<0.800	<0.140	<2.80
S GW 34	<24.2	<42.8	983	443	<104	<74.5	<1.70	114	<5.00	<10.0	<1.02	23.4	<0.140	<20.0
32 MW 3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<0.9	<0.8	<2.0	<1.0	81.0	0.2	<3.0
S GW 28S	<0.484	17.0	68.5	126	<2.08	<1.49	<1.70	<10.0	<5.00	<10.0	<1.02	<10.0	<0.140	<20.0
SRW-1	<48.4	221	385	1580	<208	<149	<1.70	<0.900	<0.800	<2.20	<1.02	16.1	<0.140	<2.80
S GW 32	<0.194	8.26	10.1	79.6	<0.830	<0.596	<1.70	14.6	<5.00	<10.0	<1.02	13.2	<0.140	<20.0
32 MW 2	<0.1	<0.2	<0.2	<0.5	<0.4	<0.3	<2.0	<0.9	<0.8	<2.0	<1.0	86.0	0.3	<3.0
32 MW 1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<0.9	<0.8	<2.0	<1.0	154	0.2	<3.0
S MW 3S	<0.097	<0.171	<0.152	<0.535	<0.415	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	<0.800	<0.140	<2.80
S GW 3	<0.1	<0.2	0.2	<0.5	<0.4	<0.3	<2.0	<0.9	<0.8	<2.0	3.0	192	<0.1	<3.0
S GW 26	<0.097	<0.171	<0.152	<0.535	<0.415	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	<0.800	<0.140	<2.80
S GW 30S	<0.097	<0.171	<0.152	<0.535	<0.415	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	22.1	<0.140	<2.80
S GW 2S	<0.1	<0.2	0.2	<0.5	<0.4	<0.3	<2.0	<0.9	<0.8	<2.0	<1.0	<0.8	<0.1	<3.0
FRACTANK	<0.097	<0.171	5.39	10.6	<0.415	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	62.3	<0.140	<2.80
DEEP WELLS														
S GW 1D	<484	9350	1470	110000	<2080	<1490	<1.70	<0.900	<0.800	<2.20	<1.02	43.4	<0.140	<2.80
S GW 1DA	<0.194	8.46	0.756	72.2	<0.830	<0.596	<1.70	<10.0	<5.00	<10.0	3.10	15.6	<0.140	<20.0
S GW 1DB	<0.097	0.417	<0.152	8.32	<0.415	<0.298	<1.70	<10.0	<5.00	<10.0	<1.02	<10.0	<0.140	25.8
S GW 27D	<0.097	<0.171	<0.152	10.7	<0.415	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	<0.800	<0.140	<2.80
S GW 27DA	<5000	12300	<5000	45100	<5000	<5000	<2.0	<0.9	<0.8	<2.0	<1.0	<0.8	<0.1	<3.0
S GW 28D	<484	4610	<760	47000	<2080	<1490	<1.70	<10.0	<5.00	<10.0	<1.02	28.8	<0.140	<20.0
DRW-1	<96.8	2980	1840	34200	<415	<298	<1.70	<0.900	<0.800	<2.20	<1.02	<0.800	<0.140	<2.80
S GW 40DW	<500	705	<500	5370	<500	<500	<1.70	<0.900	<0.800	<2.20	<1.02	20.1	<0.140	<2.80
S GW 40DWA	<0.097	3.09	0.191	14.3	<0.415	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	<0.800	<0.140	<2.80
S GW 38D	<0.097	<0.171	<0.152	<0.535	<0.415	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	<0.800	<0.140	<2.80
S GW 15D	<0.097	<0.171	<0.152	<0.535	<0.415	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	<0.800	<0.140	<2.80
S GW 30D	<0.097	<0.171	<0.152	<0.535	<0.415	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	37.3	<0.140	<2.80
S GW 37D	<0.097	0.221	0.186	0.552	1.44	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	<0.800	<0.140	<2.80
S GW 3D	<0.097	<0.171	<0.152	<0.535	<0.415	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	32.3	<0.140	<2.80
S GW 2D	<0.097	<0.171	<0.152	<0.535	<0.415	<0.298	<1.70	<0.900	<0.800	<2.20	<1.02	<0.800	<0.140	<2.80