N96095.AR.000169
NWIRP CALVERTON NY
5090.3a

499

RCRA Facility Investigation

for

Naval Weapons Industrial Reserve Plant

Calverton, New York

VOLUME II
APPENDICES A-D

Northern Division
Naval Facilities Engineering Command

Contract Number N62472-90-D-1298
Contract Task Order 0138

April 1995

Halliburton NUS
CORPORATION

APPENDICES

VOLUME II

APPENDIX A - SURVEY NOTES

APPENDIX B - SOIL BORING LOG SHEETS

APPENDIX C - CHAIN OF CUSTODY RECORDS

APPENDIX D - SAMPLE LOG SHEETS

VOLUME III

APPENDIX E - MONITORING WELL CONSTRUCTION SHEETS

APPENDIX F - SLUG TEST/PUMP TESTS

APPENDIX G - TEST PIT LOG SHEETS

APPENDIX H - GROUND PENETRATING RADAR (GPR) REPORT

APPENDIX I - GAMMA RAY LOGS

VOLUME IV

APPENDIX J - ANALYTICAL RESULTS

VOLUME V

APPENDIX K - DATA VALIDATION LETTERS

APPENDIX L - RISK ASSESSMENT CALCULATIONS

APPENDIX M - TOXICITY PROFILES

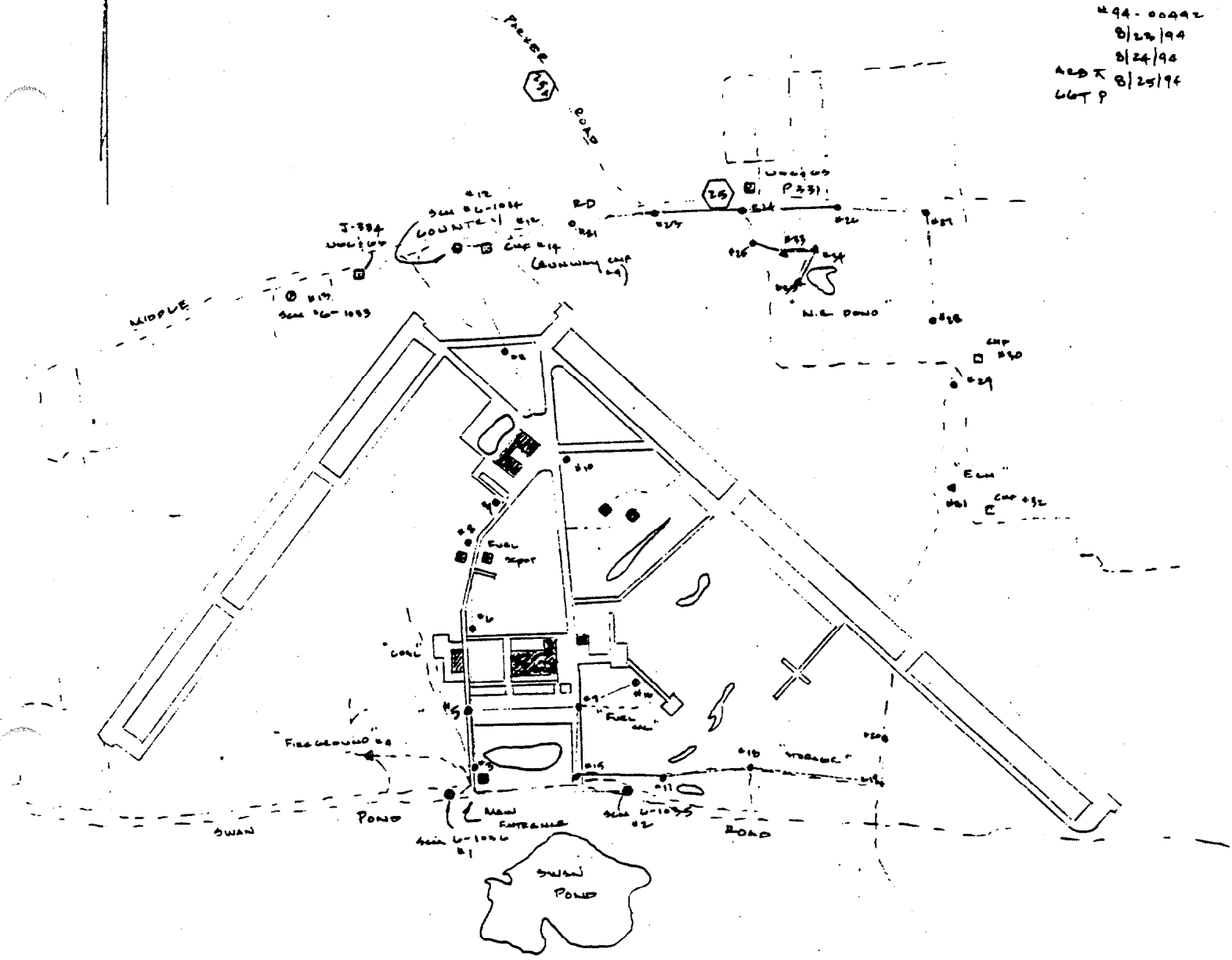
APPENDIX N - SOIL GAS REPORT

APPENDIX A

SURVEY NOTES

GRUMMAN AEROSPACE
CALVERTON, NY

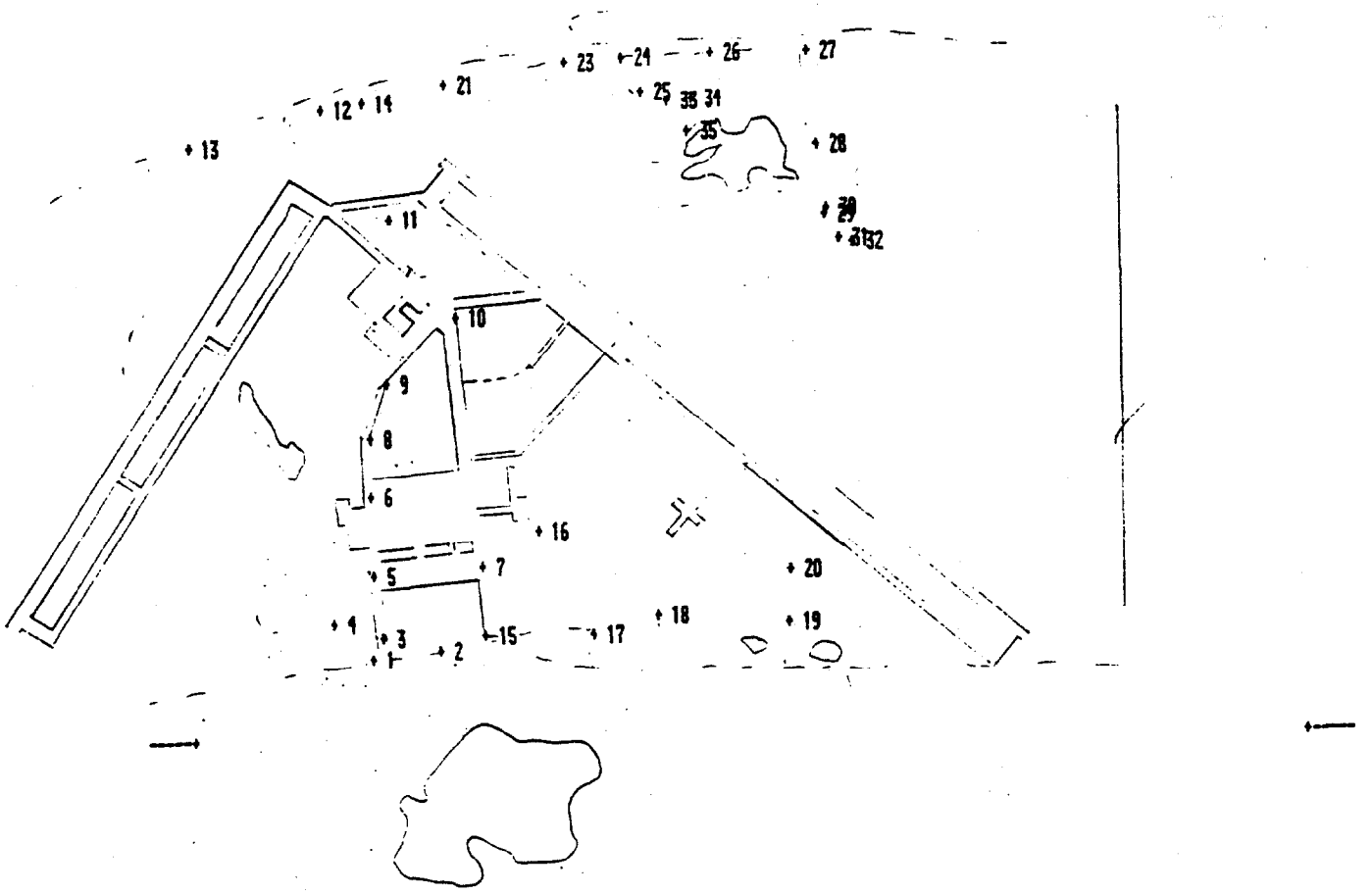
#94-00492
8/23/94
8/24/94
ARB ⊼ 8/25/94
GGT P



Job Name:GRUMMAN
N= 21475
E= 9630

Scale 1 in.= 2500

Date: 00/01/20
N= 21475
E= 24630



FILE: GRUMMAN:MAIN
1000 POINTS

TRAVERSE COORDS OF TEMPLEO X =

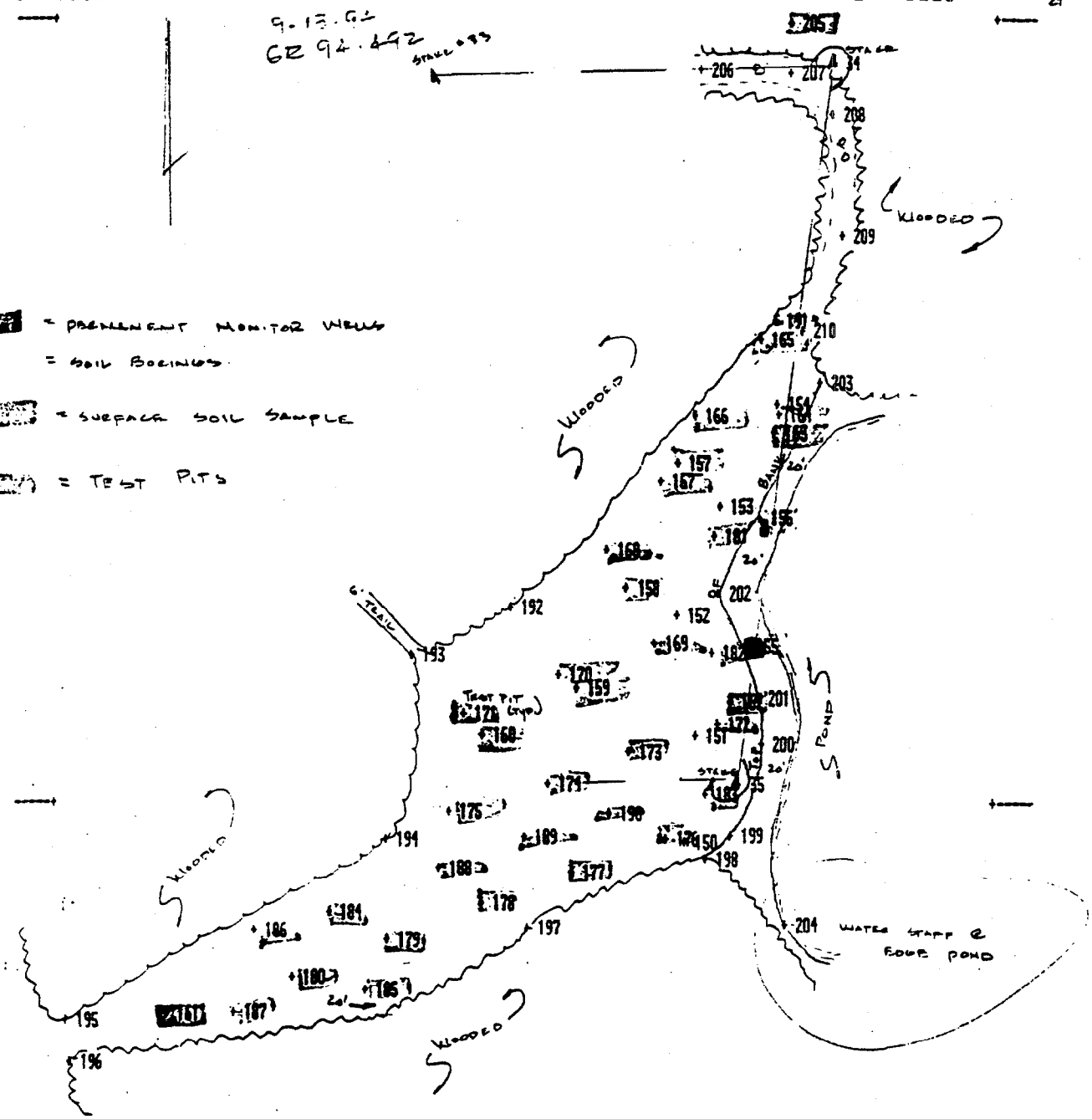
from PT#	DIRECTION	HD	to PT#	NORTH	EAST	ELEV	DESC
PT#1	N=	10075.200	E=	12056.190	EL=		SCM 6-1036
PT#2	N=	10185.110	E=	12962.040	EL=		SCM 6-1035
PT#3	N=	10363.772	E=	12199.212	EL=		NAIL SET
PT#4	N=	10554.210	E=	11539.519	EL=		STAKE SET
PT#5	N=	11219.939	E=	12087.529	EL=		PK SET
PT#6	N=	12270.859	E=	12046.279	EL=		DH SET
PT#7	N=	11326.934	E=	13555.234	EL=		PK SET
PT#8	N=	13070.919	E=	12046.127	EL=		DH SET
PT#9	N=	13812.331	E=	12283.946	EL=		PK SET
PT#10	N=	14704.595	E=	13218.761	EL=		PK SET
PT#11	N=	16069.813	E=	12340.313	EL=		PK SET
PT#12	N=	17567.752	E=	11458.858	EL=		SCM 6-1034
PT#13	N=	17070.921	E=	9639.392	EL=		SCM 6-1033
PT#14	N=	17635.457	E=	12006.751	EL=		CMF #9RUNWAY
PT#15	N=	10392.616	E=	13575.608	EL=		PK SET
PT#16	N=	11780.674	E=	14307.638	EL=		REBAR/CAP SET
PT#17	N=	10372.532	E=	15056.652	EL=		SPIKE SET
PT#18	N=	10632.452	E=	15932.300	EL=		SPIKE SET
PT#19	N=	10523.892	E=	17686.875	EL=		PK SET
PT#20	N=	11250.709	E=	17712.248	EL=		PK SET
PT#21	N=	17883.884	E=	13124.076	EL=		PK SET
PT#22	N=	~~21472.355~~	E=	~~10196.991~~	EL=		"X"MARK FND 13969.233 14175.347
PT#23	N=	18169.544	E=	14770.915	EL=		PK SET
PT#24	N=	18218.198	E=	15513.222	EL=		PK SET
PT#25	N=	17748.696	E=	15775.349	EL=		SPIKE SET
PT#26	N=	18260.426	E=	16712.289	EL=		PK SET
PT#27	N=	18277.488	E=	18010.786	EL=		PK SET
PT#28	N=	17002.329	E=	18142.474	EL=		PK SET
PT#29	N=	16058.595	E=	18234.593	EL=		REBAR/CAP
PT#30	N=	16147.122	E=	18245.112	EL=		CMF
PT#31	N=	15717.296	E=	18428.265	EL=		STAKE SET
PT#32	N=	15664.534	E=	18623.315	EL=		CMF
PT#33	N=	17621.641	E=	16152.999	EL=		STAKE SET
PT#34	N=	17657.335	E=	16447.353	EL=		STAKE SET
PT#35	N=	17197.561	E=	16388.541	EL=		STAKE SET

NE POND

Job Name: GRUMMAN
N= 17685
E= 15950

Scale 1 in.= 100

Date: 00/01/24
N= 17685
E= 16550



SITE -

NE POND

GRUMMAN AEROSPACE
BETHPAGE, NY

FILE: GRUMMAN:MAIN
1000 POINTS

*9A-00492
9/2/94

from PT#	DIRECTION	HD	to PT#	NORTH	EAST	ELEV	DESC
PT#35	N=	17197.561	E=	16388.541	EL=	52.050	STAKE SET
PT#34	N=	17657.335	E=	16447.353	EL=	69.640	STAKE SET

35 BS 34

PT#150	N=	17159.970	E=	16353.795	EL=	53.030	NP-SB-01
PT#151	N=	17228.765	E=	16360.010	EL=	50.965	NP-SB-02
PT#152	N=	17305.875	E=	16349.445	EL=	48.660	NP-SB-03
PT#153	N=	17376.085	E=	16376.405	EL=	47.735	NP-SB-04
PT#154	N=	17440.330	E=	16412.790	EL=	48.450	NP-SB-05
PT#155	N=	17285.780	E=	16392.595	EL=	44.950	NP-SS-01
PT#156	N=	17368.740	E=	16401.080	EL=	44.275	NP-SS-02
PT#157	N=	17403.000	E=	16349.085	EL=	48.060	NP-SS-03
PT#158	N=	17323.635	E=	16316.320	EL=	48.375	NP-SS-04
PT#159	N=	17258.805	E=	16285.690	EL=	50.540	NP-SS-05
PT#160	N=	17229.100	E=	16225.105	EL=	52.425	NP-SS-06
PT#161	N=	17049.175	E=	16023.900	EL=	~~417.135~~	NP-MW-01
PT#162	N=	17250.255	E=	16383.020	EL=	~~445.340~~	NP-MW-02
PT#163	N=	17422.870	E=	16410.815	EL=	~~447.375~~	NP-MW-03
PT#164	N=	17433.890	E=	16413.585	EL=	48.335	NP-TP-01
PT#165	N=	17481.960	E=	16402.110	EL=	49.540	NP-TP-02
PT#166	N=	17432.580	E=	16359.180	EL=	47.565	NP-TP-03
PT#167	N=	17391.535	E=	16338.520	EL=	48.485	NP-TP-04
PT#168	N=	17347.220	E=	16303.690	EL=	48.540	NP-TP-05
PT#169	N=	17288.585	E=	16334.780	EL=	49.365	NP-TP-06
PT#170	N=	17267.055	E=	16274.180	EL=	50.215	NP-TP-07
PT#171	N=	17242.665	E=	16213.230	EL=	53.050	NP-TP-08
PT#172	N=	17236.420	E=	16375.415	EL=	50.550	NP-TP-09
PT#173	N=	17218.040	E=	16318.700	EL=	52.345	NP-TP-10
PT#174	N=	17197.660	E=	16267.745	EL=	53.945	NP-TP-11
PT#175	N=	17179.535	E=	16204.630	EL=	56.480	NP-TP-12
PT#176	N=	17162.185	E=	16341.540	EL=	53.610	NP-TP-13
PT#177	N=	17141.765	E=	16282.370	EL=	55.740	NP-TP-14
PT#178	N=	17121.285	E=	16224.715	EL=	58.660	NP-TP-15
PT#179	N=	17097.215	E=	16165.680	EL=	69.860	NP-TP-16
PT#180	N=	17073.375	E=	16103.935	EL=	73.200	NP-TP-17
PT#181	N=	17356.465	E=	16372.760	EL=	48.130	NP-TP-18
PT#182	N=	17282.230	E=	16370.635	EL=	49.110	NP-TP-19
PT#183	N=	17191.470	E=	16367.465	EL=	52.265	NP-TP-20
PT#184	N=	17115.715	E=	16127.820	EL=	71.550	NP-TP-21
PT#185	N=	17065.105	E=	16150.925	EL=	70.445	NP-TP-22
PT#186	N=	17103.830	E=	16080.550	EL=	73.860	NP-TP-23
PT#187	N=	17050.875	E=	16066.465	EL=	74.950	NP-TP-24
PT#188	N=	17143.730	E=	16198.050	EL=	60.840	NP-TP-25
PT#189	N=	17162.880	E=	16252.465	EL=	56.370	NP-TP-26
PT#190	N=	17179.090	E=	16306.270	EL=	53.995	NP-TP-27
PT#191	N=	17493.375	E=	16411.310	EL=	50.510	NP-TP-28
PT#192	N=	17310.710	E=	16242.900	EL=	50.980	E/WOODS(NP)
PT#193	N=	17279.535	E=	16179.985	EL=	55.035	E/WOODS(NP)
PT#194	N=	17161.445	E=	16164.735	EL=	62.115	E/WOODS(NP)
PT#195	N=	17044.970	E=	15959.600	EL=	78.240	E/WOODS(NP)
PT#196	N=	17018.671	E=	15961.938	EL=	78.775	E/WOODS(NP)
PT#197	N=	17106.335	E=	16254.470	EL=	57.505	E/WOODS(NP)
PT#198	N=	17149.425	E=	16367.715	EL=	50.285	E/WOODS(NP)TB
PT#199	N=	17164.330	E=	16383.405	EL=	52.060	TB(NP)
PT#200	N=	17223.535	E=	16403.030	EL=	49.605	TB(NP)

SEE P. 4 FOR H.W. ELEVS.

PT#203	N=	17454.060	E=	16485.[illegible]	EL=	48.580	E/WOODS(NP)/TB
PT#204	N=	17108.040	E=	16417.275	EL=	38.000	H2O-STAFF

Galveston, NY

#94-00492
AB 9/2/94
CT

PT#33	N=	17621.641	E=	16152.999	EL=	78.550	STAKE SET
PT#34	N=	17657.335	E=	16447.353	EL=	69.640	STAKE SET

34 BS 33

PT#205	N=	17681.405	E=	16420.005	EL=	-423.525	NP-MW-04
PT#206	N=	17652.215	E=	16361.710	EL=	76.075	CL8'DRTRD(NP)
PT#207	N=	17650.615	E=	16419.370	EL=	71.260	CL8'DRTRD(NP)
PT#208	N=	17624.415	E=	16446.195	EL=	66.940	CL8'DRTRD(NP)
PT#209	N=	17546.465	E=	16453.085	EL=	56.665	CL8'DRTRD(NP)
PT#210	N=	17486.740	E=	16427.775	EL=	50.450	CL8'DRTRD(NP)
~~PT#21~~	~~N=~~	~~17883.884~~	~~E=~~	~~13124.076~~	~~EL=~~		~~PK SET~~

GRUMMAN AEROSPACE
CALVERTON, NY

(4)

94-00492
9/9/94

AB
LT

N/E POND

PERMANENT MONITOR WELL "ELEVS"

BM	+S	HI	-S	ELEV	REMARKS
	7.51	77.15		(69.64)	STAKE #24
			5.05	72.10	N/S T/CONC
	NP - MW - 04		1.77	75.38	N/S T/CAST IRON
			2.66	74.49	N/S T/PVC
	3.21	55.26		(52.05)	STAKE #35 P24
			4.98	50.28	N/S T/CONC
	NP - MW - 02		2.54	52.72	N/S T/CAST IRON
			2.92	52.34	N/S T/PVC
			6.95	48.31	N/S T/CONC
	NP - MW - 03		4.57	50.69	N/S T/CAST
			4.85	50.41	N/S T/PVC
	22.76	74.81		(52.05)	STAKE #35
TP #1	9.53	83.20	1.14	73.67	
			6.67	76.53	N/S T/CONC
	NP - MW - 01		4.17	79.03	N/S T/CAST IRON
			4.45	78.75	N/S T/PVC
TP #2	6.61	83.14	6.67	76.53	
TP #1	1.31	74.98	9.47	73.67	
			22.93	52.05 (52.05)	STAKE #35

Job Name: GRUMMAN
N= 11185
E= 10485

Scale 1 in.= 200

Date: 00/01/31
N= 11185
E= 11685

GRUMMAN AEROSPACE
CALVERTON, NY

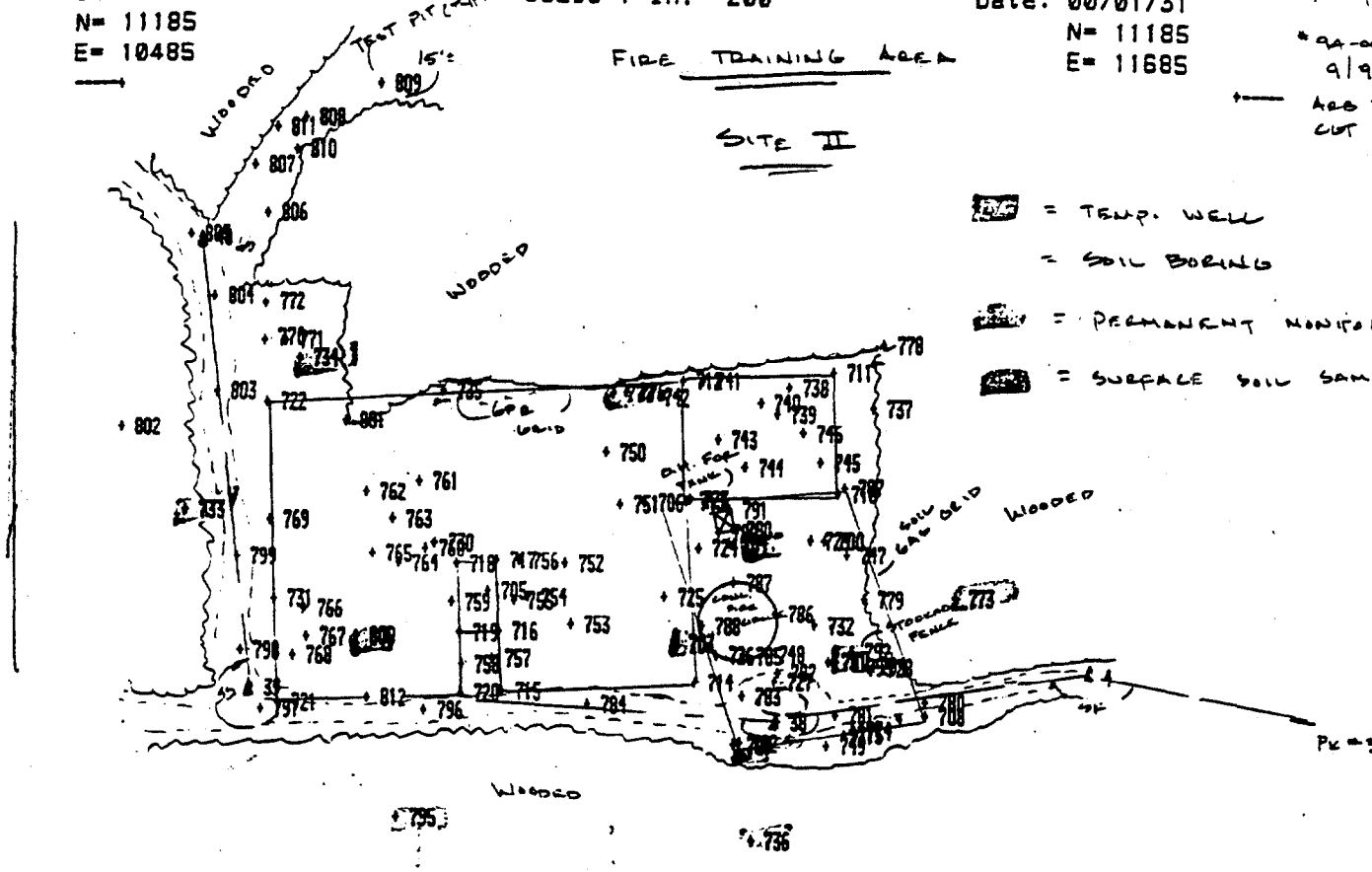
*94-00492
9/9/94

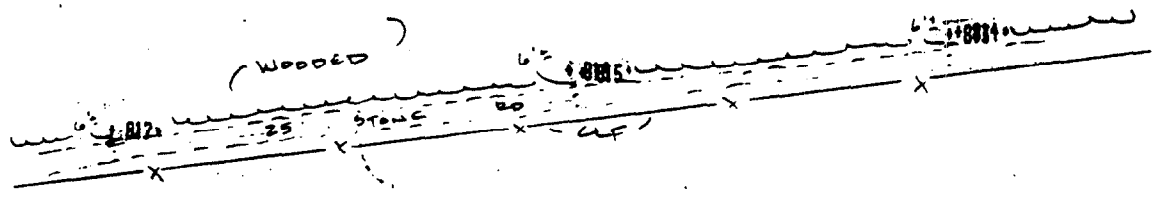
AREA K
CUT 9

FIRE TRAINING AREA

SITE II

= TEMP. WELL
= SOIL BORING
= PERMANENT MONITOR WELL
= SURFACE SOIL SAMPLE





RD

POND

SWAN

FILE: GRUMMAN:MAIN
1000 POINTS

CALVERT CO., MD

#94-00492
9/9/94

	from PT#	DIRECTION	HD	to PT#	NORTH		EAST	ELEV	DESC
SET	PT#38	N=	10502.250	E=	11201.795	EL=	55.060	STKSET	
SIGHT	PT#4	N=	10554.210	E=	11539.520	EL=	55.920	STAKE SET	
LOW	PT#700	N=	10700.360	E=	11249.120	EL=	56.795	FT-SS-01	
	PT#701	N=	10567.670	E=	11256.265	EL=	54.215	FT-SS-02	
	PT#702	N=	10479.065	E=	11160.420	EL=	55.945	FT-SS-03	
	PT#703	N=	10585.335	E=	11089.685	EL=	57.300	FT-SS-04	
	PT#704	N=	10696.250	E=	11146.380	EL=	59.310	FT-SS-05	
	PT#705	N=	10638.625	E=	10888.060	EL=	64.735	FT-SS-06	
	PT#706	N=	10736.955	E=	11053.430	EL=	61.465	FT-GRID-COR	
	PT#707	N=	10756.550	E=	11270.205	EL=	59.110	FT-GRID-COR	
	PT#708	N=	10509.350	E=	11361.030	EL=	52.435	FT-GRID-COR	
	PT#709	N=	10476.975	E=	11153.115	EL=	56.280	FT-GRID-COR	
	PT#710	N=	10749.590	E=	11263.240	EL=	58.740	FT-GPR-COR	
	PT#711	N=	10880.035	E=	11257.990	EL=	61.005	FT-GPR-COR	
	PT#712	N=	10869.620	E=	11094.105	EL=	62.615	FT-GPR-COR	
	PT#713	N=	10738.785	E=	11100.255	EL=	61.090	FT-GPR-COR	
	PT#714	N=	10542.430	E=	11109.345	EL=	56.770	FT-GPR-COR	
	PT#715	N=	10530.255	E=	10903.060	EL=	61.060	FT-GPR-COR	
	PT#716	N=	10596.030	E=	10900.475	EL=	61.285	FT-GPR-COR	
	PT#717	N=	10671.610	E=	10896.755	EL=	61.645	FT-GPR-COR	
	PT#718	N=	10668.735	E=	10854.555	EL=	63.650	FT-GPR-COR	
	PT#719	N=	10593.335	E=	10857.580	EL=	60.625	FT-GPR-COR	
	PT#720	N=	10527.840	E=	10860.475	EL=	61.620	FT-GPR-COR	
	PT#721	N=	10516.644	E=	10663.570	EL=	63.650	FT-GPR-COR	
	PT#722	N=	10843.725	E=	10649.205	EL=	65.780	FT-GPR-COR	
	PT#723	N=	10740.900	E=	11103.175	EL=	60.960	FT-SB-07	
	PT#724	N=	10688.660	E=	11115.120	EL=	59.495	FT-SB-02	
	PT#725	N=	10635.110	E=	11076.265	EL=	57.985	FT-SB-09	
	PT#726	N=	10573.425	E=	11133.745	EL=	56.365	FT-SB-05	
	PT#727	N=	10544.635	E=	11198.125	EL=	54.935	FT-SB-06	
	PT#728	N=	10561.755	E=	11302.925	EL=	53.645	FT-SB-08	
	PT#729	N=	10700.105	E=	11235.775	EL=	57.090	FT-SB-01	
	PT#730	N=	10690.210	E=	10829.680	EL=	66.305	FT-SB-10	
	PT#731	N=	10628.505	E=	10657.850	EL=	65.225	FT-SB-04	
	PT#732	N=	10605.475	E=	11241.810	EL=	55.255	FT-SB-03	
	PT#733	N=	10724.825	E=	10563.115	EL=	63.705	FT-TW-18	
	PT#734	N=	10891.230	E=	10682.020	EL=	65.780	FT-TW-16	
	PT#735	N=	10856.395	E=	10836.200	EL=	64.325	FT-TW-21	
	PT#736	N=	10372.720	E=	11175.375	EL=	63.735	FT-TW-02	
	PT#737	N=	10843.680	E=	11301.425	EL=	61.490	FT-TP-01	
	PT#738	N=	10864.765	E=	11210.400	EL=	61.340	FT-TP-11	
	PT#739	N=	10835.205	E=	11197.320	EL=	60.680	FT-TP-12	
	PT#740	N=	10847.590	E=	11181.820	EL=	61.475	FT-TP-13	
	PT#741	N=	10870.690	E=	11116.950	EL=	62.005	FT-TP-14	
	PT#742	N=	10850.860	E=	11059.590	EL=	62.120	FT-TP-39	
	PT#743	N=	10806.025	E=	11132.940	EL=	62.450	FT-TP-41	
	PT#744	N=	10777.085	E=	11163.910	EL=	61.005	FT-TP-40	
	PT#745	N=	10782.075	E=	11245.605	EL=	59.995	FT-TP-09	
	PT#746	N=	10813.130	E=	11225.835	EL=	60.650	FT-TP-10	
	PT#747	N=	10682.935	E=	11274.935	EL=	56.015	FT-TP-02	
	PT#748	N=	10575.335	E=	11189.100	EL=	55.580	FT-TP-42	
	PT#749	N=	10477.595	E=	11253.250	EL=	53.850	FT-TP-03	
	PT#750	N=	10791.130	E=	11012.050	EL=	61.740	FT-TP-37	
	PT#751	N=	10734.845	E=	11028.430	EL=	62.355	FT-TP-38	
	PT#752	N=	10669.635	E=	10971.075	EL=	61.365	FT-TP-35	
	PT#753	N=	10603.915	E=	10975.635	EL=	61.105	FT-TP-34	
	PT#754	N=	10632.290	E=	10930.990	EL=	60.895	FT-TP-36	

PT#756	N=	10672.350	E=	10520.945	EL=	62.525	FT-TP-15
PT#757	N=	10565.790	E=	10893.015	EL=	61.225	FT-TP-30
PT#758	N=	10560.795	E=	10859.680	EL=	62.005	FT-TP-33
PT#759	N=	10627.325	E=	10847.630	EL=	62.040	FT-TP-32
PT#760	N=	10685.305	E=	10820.525	EL=	66.390	FT-TP-26
PT#761	N=	10757.965	E=	10812.315	EL=	63.610	FT-TP-25
PT#762	N=	10745.425	E=	10755.290	EL=	66.380	FT-TP-29
PT#763	N=	10715.505	E=	10785.505	EL=	64.830	FT-TP-24
PT#764	N=	10669.295	E=	10791.680	EL=	66.935	FT-TP-27
PT#765	N=	10677.800	E=	10763.350	EL=	66.170	FT-TP-28
PT#766	N=	10619.110	E=	10690.455	EL=	65.695	FT-TP-21
PT#767	N=	10586.050	E=	10694.175	EL=	63.965	FT-TP-20
PT#768	N=	10568.695	E=	10679.790	EL=	63.010	FT-TP-22
PT#769	N=	10714.970	E=	10654.175	EL=	65.965	FT-TP-19
PT#770	N=	10901.255	E=	10645.940	EL=	66.800	FT-TP-17
PT#771	N=	10910.620	E=	10668.100	EL=	66.730	FT-TP-18
PT#772	N=	10945.185	E=	10645.560	EL=	67.155	FT-TP-16
PT#773	N=	10637.510	E=	11390.825	EL=	~~-435.315~~	FT-MW-04
PT#774	N=	10492.915	E=	11281.955	EL=	~~-441.995~~	FT-MW-02-I
PT#775	N=	10489.300	E=	11272.120	EL=	~~-441.085~~	FT-MW-02-S
PT#776	N=	10857.100	E=	11032.400	EL=	~~-433.105~~	FT-MW-01-S
PT#777	N=	10855.770	E=	11021.325	EL=	~~-433.110~~	FT-MW-01-I
PT#778	N=	10911.125	E=	11311.077	EL=	61.525	FT-E/WDS
PT#779	N=	10634.115	E=	11294.355	EL=	55.005	FT-E/WDS
PT#780	N=	10524.285	E=	11359.840	EL=	52.405	CL10'RD
PT#781	N=	10510.545	E=	11265.115	EL=	53.460	CL10'RD
PT#782	N=	10556.440	E=	11202.060	EL=	54.825	CL10'RD
PT#783	N=	10529.040	E=	11164.510	EL=	55.375	CL10'RD
PT#784	N=	10517.330	E=	10995.980	EL=	59.080	CL8'RD/DRT
PT#785	N=	10571.575	E=	11165.120	EL=	57.385	FT-TRN/CIRCLE
PT#786	N=	10618.025	E=	11198.245	EL=	57.305	FT-TRN/CIRCLE
PT#787	N=	10651.295	E=	11151.805	EL=	57.380	FT-TRN/CIRCLE
PT#788	N=	10603.165	E=	11118.715	EL=	57.325	FT-TRN/CIRCLE
PT#789	N=	10706.440	E=	11134.345	EL=	60.170	FT-ROOF-OVRTNK
PT#790	N=	10709.090	E=	11150.110	EL=	60.175	FT-ROOF-OVRTNK
PT#791	N=	10731.230	E=	11146.260	EL=	60.150	FT-ROOF-OVRTNK
PT#792	N=	10578.150	E=	11281.595	EL=	53.860	FT-FNC STKD
PT#793	N=	10561.790	E=	11282.275	EL=	53.500	FT-FNC STKD
PT#794	N=	10563.625	E=	11298.055	EL=	53.475	FT-FNC STKD

GRUMMAN AEROSPACE
BETHPAGE, NY

#94-00492
9/9/94
AS
4

SEE P. 4—6
FOR MW ELS

HALIBURTON NUS (4)
GRUMMAN AEROSPACE
CALVERTON, NY

#94-0040
9/9/9

FILE: GRUMMAN:MAIN
1000 POINTS

	from PT#	DIRECTION	HD	to PT#	NORTH	EAST	ELEV	DESC
SET	PT#39	N=	10531.925	E=	10635.370	EL= 63.960	STKSET	
SIGHT	PT#38	N=	10502.250	E=	11201.795	EL= 55.060	STKSET	
	PT#795	N=	10393.990	E=	10790.900	EL= 66.315	FT-TW-20	
LOW.	PT#796	N=	10510.195	E=	10820.350	EL= 62.580	CL8'DRT RD	
	PT#797	N=	10509.585	E=	10645.365	EL= 63.725	CL8'DRT RD	
	PT#798	N=	10571.650	E=	10623.060	EL= 63.965	CL8'DRT RD	
	PT#799	N=	10674.875	E=	10619.190	EL= 65.750	CL8'DRT RD	
	PT#800	N=	10589.180	E=	10748.470	EL= ~~430.825~~	FT-MW-03	SEE PS. 4 → 6 FOR MW E
	PT#801	N=	10821.729	E=	10733.816	EL= 62.295	FT-E/WDS	
	PT#812	N=	10522.555	E=	10760.805	EL= 62.025	FT-TP-23	
SET	PT#40	N=	11020.920	E=	10576.240	EL= 66.330	STKSET	
SIGHT	PT#39	N=	10531.925	E=	10635.370	EL= 63.960	STKSET	
	PT#802	N=	10815.170	E=	10490.310	EL= 60.865	FT-TP-02	
LOW	PT#803	N=	10852.885	E=	10594.570	EL= 63.595	CL8'DRT RD	
	PT#804	N=	10957.965	E=	10590.365	EL= 64.650	CL8'DRT RD	
	PT#805	N=	11025.300	E=	10563.950	EL= 66.055	CL8'DRT RD	
	PT#806	N=	11048.115	E=	10647.075	EL= 64.530	FT-TP-08	
	PT#807	N=	11100.230	E=	10633.895	EL= 66.655	FT-TP-07	
	PT#808	N=	11149.545	E=	10687.765	EL= 65.810	FT-TP-06	
	PT#809	N=	11184.285	E=	10766.963	EL= 66.185	FT-TP-05	
	PT#810	N=	11115.595	E=	10677.080	EL= 66.110	FT-E/WDS	
	PT#811	N=	11139.865	E=	10655.865	EL= 67.325	FT-E/WDS	
SET	PT#1	N=	10075.200	E=	12056.190	EL= 45.590	SCM 6-1036	
SIGHT	PT#3	N=	10363.772	E=	12199.212	EL= 47.230	NAIL SET	
LOW.	PT#813	N=	10101.360	E=	11653.115	EL= ~~445.325~~	FT-MW-05-I	
	PT#814	N=	10103.970	E=	11662.615	EL= ~~445.780~~	FT-MW-05-S	SEE P.S 4 — 6
	PT#815	N=	10053.065	E=	11261.575	EL= ~~433.510~~	FT-MW-06-I	FOR MW ELS
	PT#816	N=	10055.140	E=	11247.440	EL= ~~434.465~~	FT-MW-06-S	
	PT#817	N=	9984.880	E=	10761.150	EL= ~~422.345~~	FT-MW-07	

④

HALIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

#98-00492
9/9/97

AB
CT

FIRE TRAINING
PERMANENT MONITOR WELL ELEV.

BM	+S	H.	-S	ELEV.	REMARKS
	11.22	66.19		(54.97)	STAKE #38
TP #1	6.39	70.27	2.31	63.88	STAKE #39
			5.89	64.38	N/S T/CONC
	PT	MW-03	3.26	67.01	N/S T/CAST
			3.40	66.87	N/S T/PVC
TP #2	5.02	70.20	5.89	64.38	
TP #1	3.15	67.04	6.31	63.89	STAKE #39
BM			12.07	54.97 (54.97)	STAKE #38
	26.58		26.58		

HALIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, L NY

#94-00492
9/9/94

AG
CT

FIRE TRAINING

PERMANENT MONITOR WELL ELEVS.

BM	HS	HI	-S	ELEV	REMARKS NE CORN. PL. B
	12.74	61.82		(49.08)	T/CMP# P.11
			12.45	49.37	N/S T/CONC
	FT-MW-05-S		9.98	51.84	N/S T/CAST IRON
			10.34	51.48	N/S T/PVC
	FT-MW-05-I		11.95	49.87	N/S T/CONC
			9.35	52.47	N/S T/CAST IRON
			9.90	51.92	N/S T/PVC
TP#1	11.94	72.32	1.43	60.39	
			11.94	60.38	N/S T/CONC
	FT-MW-06-I		9.77	62.55	N/S T/CAST IRON
			10.33	61.99	N/S T/PVC
			12.88	59.44	N/S T/CONC
	FT-MW-06-S		10.69	61.63	N/S T/CAST IRON
			11.04	61.28	N/S T/PVC
			3.99	68.33	N/S T/CONC
	FT-MW-07		1.71	70.61	N/S T/CAST IRON
			2.02	70.30	N/S T/PVC
NAIL IN NYT #67			10.22	62.10 (62.10)	

HALIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

#94-00492
9/9/94

AB
CT

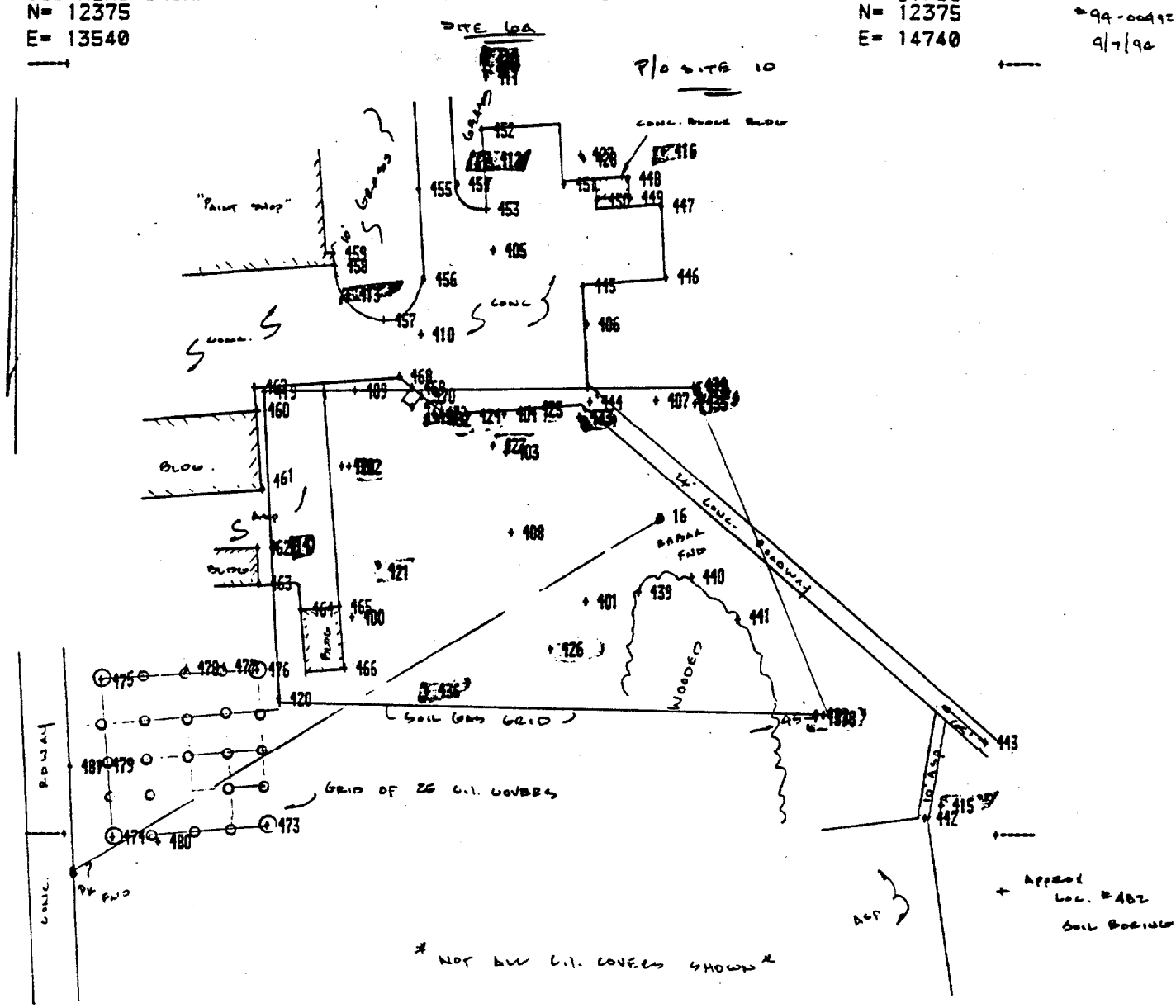
FIRE TRAINING
PERMANENT MONITOR WELL ELEVS.

BM	+S	H	-S	ELEV.	REMARKS
	2.81	58.64		(55.83)	STAKE #4 P.2 & 19
47			3.67	54.97	STAKE #38
TP #1	6.23	64.80	0.07	58.57	T/PVC CASING FOR OTHER ENV. WELLS
			4.85	59.95	N/S T/CONC
	FT-MW-04		2.22	62.58	N/S T/CAST IRON
			3.47	61.33	N/S T/PVC
TP #2	4.72	64.67	4.85	59.95	
TP #1	0.13	58.70	6.10	58.57	T/PVC WELL
44			3.73	54.97	STAKE #38
			2.87	55.83 (55.83)	STAKE #4
	13.89		13.89		
	10.50	65.47		(54.97)	STAKE #38
			12.13	53.34	N/S T/CONC
	FT-MW-02-S		9.49	55.98	N/S T/CAST IRON
			10.00	55.47	N/S T/PVC
			12.21	53.26	N/S T/CONC
	FT-MW-02-I		9.88	55.89	N/S T/CAST IRON
			9.90	55.57	N/S T/PVC
			3.35	62.12	N/S T/CONC
	FT-MW-01-S		0.95	64.52	N/S T/CAST
			1.31	64.16	N/S T/PVC
			3.36	62.11	N/S T/CONC
	FT-MW-01-I		1.31	64.16	N/S T/CAST IRON
			1.59	63.88	N/S T/PVC

Job Name: GRUMMAN
N= 12375
E= 13540

Scale 1 in.= 200

Date: 00/01/29
N= 12375
E= 14740



= SURFACE SOIL SAMPLE

= PERMANENT WELLS

= SOIL BORINGS (SOME SOIL BORINGS P/O SITE 10)

= TEST WELLS (TEMP.)

FILE: GRUMMAN:MAIN
1000 POINTS

from PT#	DIRECTION	HD	to PT#	NORTH	EAST	ELEV	DESC
PT#16	N=	11780.674	E=	14307.638	EL=	46.250	REBAR/CAP SET
PT#7	N=	11326.934	E=	13555.234	EL=	46.540	PK SET
PT#400	N=	11654.400	E=	13910.340	EL=	48.545	FC-SB-01
PT#401	N=	11674.000	E=	14211.280	EL=	48.480	FC-SB-02
PT#402	N=	11849.885	E=	13904.640	EL=	46.405	FC-SB-03
PT#403	N=	11868.295	E=	14107.125	EL=	46.160	FC-SB-04
PT#404	N=	11919.455	E=	14104.095	EL=	45.560	FC-SB-05
PT#405	N=	12132.040	E=	14089.415	EL=	47.715	FC-SB-06
PT#406	N=	12032.465	E=	14211.055	EL=	45.980	FC-SB-07
PT#407	N=	11934.115	E=	14300.370	EL=	44.565	FC-SB-08
PT#408	N=	11764.680	E=	14114.045	EL=	47.005	FC-SB-09
PT#409	N=	11947.455	E=	13911.945	EL=	47.010	FC-SB-10
PT#410	N=	12019.980	E=	13997.925	EL=	47.225	FC-SB-11
PT#411	N=	12355.945	E=	14078.850	EL=	46.540	FC-SB-12
PT#412	N=	12249.570	E=	14083.460	EL=	48.340	FC-TW-01
PT#413	N=	12073.225	E=	13901.902	EL=	48.555	FC-TW-07
PT#414	N=	11746.835	E=	13812.475	EL=	48.120	FC-TW-02
PT#415	N=	11411.475	E=	14672.100	EL=	46.485	FC-TW-18
PT#416	N=	12259.590	E=	14306.445	EL=	47.330	FC-TW-17
PT#417	N=	11512.100	E=	14505.995	EL=	46.335	FC-GRID-COR
PT#418	N=	11937.560	E=	14349.770	EL=	43.925	FC-GRID-COR
PT#419	N=	11946.840	E=	13796.660	EL=	47.670	FC-GRID-COR
PT#420	N=	11548.425	E=	13817.555	EL=	48.620	FC-GRID-COR
PT#421	N=	11711.670	E=	13945.105	EL=	48.125	FC-SS-01
PT#422	N=	11850.515	E=	13896.860	EL=	46.635	FC-SS-02
PT#423	N=	11877.090	E=	14089.090	EL=	46.085	FC-SS-03
PT#424	N=	11915.800	E=	14059.055	EL=	45.710	FC-SS-04
PT#425	N=	11924.515	E=	14137.325	EL=	45.415	FC-SS-05
PT#426	N=	11612.600	E=	14165.120	EL=	50.810	FC-SS-06
PT#427	N=	12255.625	E=	14199.760	EL=	48.000	CLO-673-SB-23
PT#428	N=	12250.980	E=	14204.425	EL=	48.085	C.I.CVR
PT#429	N=	12364.320	E=	14078.440	EL=	~~-448.850~~	FC-MW-01-S
PT#430	N=	12374.895	E=	14076.610	EL=	-448.955	FC-MW-01-I
PT#431	N=	11913.705	E=	14006.430	EL=	-449.340	FC-MW-02-I
PT#432	N=	11912.980	E=	14018.620	EL=	-449.250	FC-MW-02-S
PT#433	N=	11913.695	E=	14200.540	EL=	-450.170	FC-MW-03-S
PT#434	N=	11946.890	E=	14347.810	EL=	-450.960	FC-MW-04-I
PT#435	N=	11931.300	E=	14349.645	EL=	-451.030	FC-MW-04-S
PT#436	N=	11558.295	E=	14007.760	EL=	-445.780	FC-MW-06-S
PT#437	N=	11510.425	E=	14506.815	EL=	-448.845	FC-MW-05-S
PT#438	N=	11515.220	E=	14517.190	EL=	-448.835	FC-MW-05-I
PT#439	N=	11687.845	E=	14279.030	EL=	47.380	FC-E/WDS
PT#440	N=	11703.740	E=	14346.845	EL=	47.190	FC-E/WDS
PT#441	N=	11643.275	E=	14405.915	EL=	47.380	FC-E/WDS
PT#442	N=	11395.275	E=	14651.300	EL=	47.430	CL-ASPH
PT#443	N=	11493.750	E=	14727.340	EL=	46.525	CL24'CONC
PT#444	N=	11933.100	E=	14214.845	EL=	45.320	CL24'CONC
PT#445	N=	12083.010	E=	14204.200	EL=	47.345	FC-E/CONC
PT#446	N=	12090.745	E=	14312.105	EL=	47.730	FC-E/CONC
PT#447	N=	12190.535	E=	14304.795	EL=	47.610	FC-E/CONC
PT#448	N=	12224.410	E=	14262.235	EL=	48.175	FC-BLDNG COR
PT#449	N=	12199.465	E=	14264.000	EL=	47.895	FC-BLDNG COR
PT#450	N=	12196.520	E=	14224.070	EL=	48.010	FC-BLDNG COR
PT#451	N=	12218.295	E=	14179.070	EL=	48.225	FC-E/CONC
PT#452	N=	12288.010	E=	14073.775	EL=	48.330	FC-E/CONC

SEE P. 4 & 5 FOR MW ELV.

PT#454	N=	12218.540	E=	14043.625	EL=	48.325	FC-E/CONC
PT#455	N=	12213.520	E=	13993.985	EL=	48.350	FC-E/CONC
PT#456	N=	12093.035	E=	14002.620	EL=	47.785	FC-E/CONC
PT#457	N=	12039.180	E=	13950.190	EL=	47.640	FC-E/CONC
PT#458	N=	12109.690	E=	13885.095	EL=	49.085	PNT-SHOP
PT#459	N=	12126.060	E=	13883.915	EL=	49.650	PNT-SHOP
PT#460	N=	11922.165	E=	13786.185	EL=	48.575	BLDNG-COR
PT#461	N=	11819.920	E=	13793.635	EL=	48.935	BLDNG-COR
PT#462	N=	11744.585	E=	13787.635	EL=	48.160	BLDNG-COR
PT#463	N=	11700.185	E=	13790.875	EL=	48.620	BLDNG-COR
PT#464	N=	11664.325	E=	13843.320	EL=	48.940	BLDNG-COR
PT#465	N=	11668.075	E=	13893.500	EL=	48.700	BLDNG-COR
PT#466	N=	11588.000	E=	13899.445	EL=	48.785	BLDNG-COR
PT#467	N=	11951.750	E=	13784.215	EL=	47.790	FC-E/CONC
PT#468	N=	11966.145	E=	13971.680	EL=	46.895	FC-E/CONC
PT#469	N=	11952.630	E=	13988.152	EL=	47.040	CONC/BLDNG
PT#470	N=	11942.110	E=	14000.235	EL=	46.780	CONC/BLDNG
PT#471	N=	11926.935	E=	13987.195	EL=	46.515	CONC/BLDNG
PT#472	N=	11917.815	E=	14015.620	EL=	46.110	FC-E/CONC

PT#7	N=	11326.934	E=	13555.234	EL=	46.540	PK SET
PT#16	N=	11780.674	E=	14307.638	EL=	46.250	REBAR/CAP SET

PT#473	N=	11385.205	E=	13802.605	EL=	48.715	C.I.CVR
PT#474	N=	11371.044	E=	13602.881	EL=	48.595	C.I.CVR
PT#475	N=	11570.060	E=	13588.940	EL=	48.695	C.I.CVR
PT#476	N=	11584.485	E=	13788.330	EL=	48.545	C.I.CVR
PT#477	N=	11588.715	E=	13745.710	EL=	48.545	CLO-617-SB29
PT#478	N=	11587.095	E=	13695.810	EL=	49.025	CLO-617-SB30
PT#479	N=	11462.025	E=	13588.320	EL=	48.015	CLO-617-SB32
PT#480	N=	11363.725	E=	13661.165	EL=	48.165	CLO-617-SB31
PT#481	N=	11461.045	E=	13547.470	EL=	47.055	E/CONC
PT.#482		11333.685		14771.465		46.285	CLO-618-SB18

HALIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

#94-00492
9/9/94

AG
CT

FUEL CAL

PERMANENT MONITOR WELL ELEVS.

BM	+>	H1	->	ELEV.	REMARKS
	8.99	55.15		(46.16)	REBAR @ 16 P.F.
			5.64	49.51	N/S T/CONC
	FC-MW-06		3.07	52.08	N/S T/CAST IRON
			3.43	51.72	N/S T/PVC
			9.18	45.97	N/S T/CONC
	FC-MW-02-I		6.98	48.17	N/S T/CAST IRON
			7.35	47.80	N/S T/PVC
			9.09	46.06	N/S T/CONC
	FC-MW-02-S		5.98	49.17	N/S T/CAST IRON
			6.80	48.35	N/S T/PVC
			10.06	45.09	N/S T/CONC
	FC-MW-03		7.00	48.15	N/S T/CAST IRON
			7.29	47.86	N/S T/PVC
			10.96	44.19	N/S T/CONC
	FC-MW-04-S		8.42	46.73	N/S T/CAST
			8.69	46.46	N/S T/PVC
			10.86	44.29	N/S T/CONC
	FC-MW-04-I		8.30	46.85	N/S T/CAST
			8.78	46.37	N/S T/PVC
			8.76	46.39	N/S T/CONC
	FC-MW-01-S		5.85	49.30	N/S T/CAST
			6.59	48.56	N/S T/PVC
			8.87	46.28	N/S T/CONC
	FC-MW-01-I		6.60	48.65	N/S T/CAST IRON
			6.74	48.41	N/S T/PVC

HALIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON NY

#94-00492
9/9/94

AB
CT

FUEL CAV

PERMANENT MONITOR WELL ELEVS

BM	+V	H.	->	ELEV.	REMARKS
	7.19	53.35		(46.16)	REBAR #16
			6.85	46.50	N/S T/CONC
	FC-MW-05-S		4.00	49.35	N/S T/CAST
			4.26	49.09	N/S T/PVC
			6.85	46.50	N/S T/CONC
	FC-MW-05-I		4.81	48.54	N/S T/CAST IRON
			4.95	48.40	N/S T/PVC

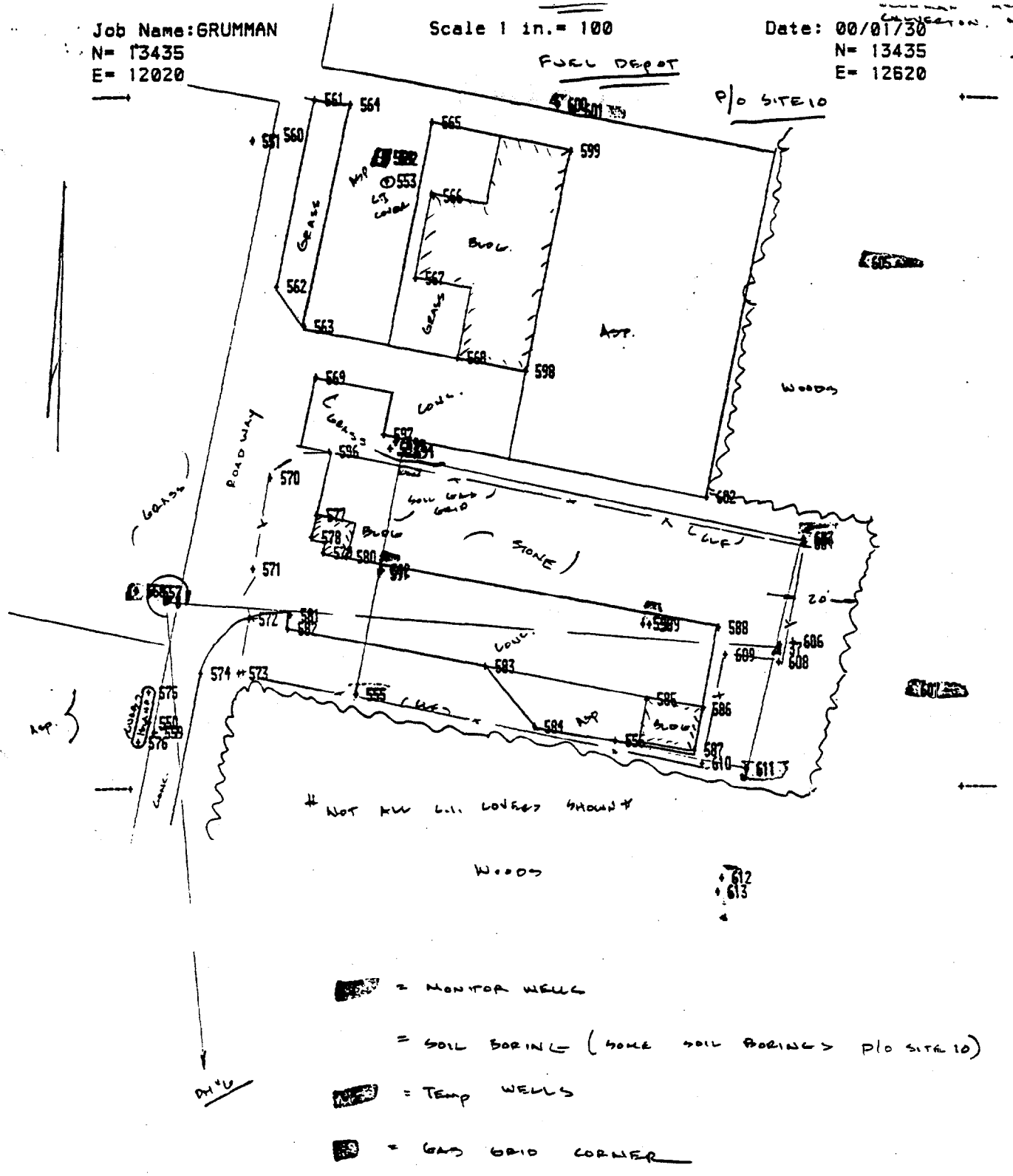
Job Name:GRUMMAN
N= 13435
E= 12020

Scale 1 in.= 100

Date: 00/01/30
N= 13435
E= 12620

FUEL DEPOT

P/O SITE 10



= MONITOR WELLS

= SOIL BORING (SOME SOIL BORINGS P/O SITE 10)

= TEMP WELLS

= GAS GRID CORNER

HALIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

SITE 7

FUEL DEPOT

#94-00492
9/8/94

FILE: GRUMMAN:MAIN
1000 POINTS

	from PT#	DIRECTION	HD	to PT#	NORTH	EAST	ELEV	DESC
SET	PT#8	N=	13070.919	E=	12046.127 EL=	57.830	DH SET	
SHUT	PT#6	N=	12270.859	E=	12046.279 EL=	49.210	DH SET	
COLL	PT#37	N=	13034.595	E=	12487.230 EL=	58.360	STKSET	
	PT#550	N=	12983.625	E=	12033.625 EL=	55.610	CLO-611-SB19	
	PT#551	N=	13403.400	E=	12108.540 EL=	57.260	CLO-613-SB20	
	PT#552	N=	13390.375	E=	12206.360 EL=	57.295	CLO- -SB	
	PT#553	N=	13375.090	E=	12205.760 EL=	57.280	C.I.CVR	
	PT#554	N=	13390.900	E=	12203.025 EL=	57.170	FD-TW-11	
	PT#555	N=	13003.910	E=	12182.695 EL=	57.535	FD-GRID COR	
	PT#556	N=	12969.805	E=	12370.615 EL=	57.600	FD-SB-01	
	PT#557	N=	13077.215	E=	12036.785 EL=	~~-437.065~~	FD-MW-03-S	SEE PS. 4 & 5 FOR
	PT#558	N=	13078.325	E=	12025.235 EL=	~~-437.050~~	FD-MW-03-I	H.W. ELEVS
	PT#559	N=	12976.570	E=	12037.585 EL=	55.755	FD-E/CONC	
	PT#560	N=	13407.985	E=	12123.730 EL=	56.765	FD-E/CONC	
	PT#561	N=	13433.245	E=	12153.395 EL=	57.055	FD-E/CONC	
	PT#562	N=	13300.175	E=	12126.670 EL=	57.465	FD-E/CONC	
	PT#563	N=	13270.770	E=	12145.735 EL=	57.060	FD-E/ASPH	
	PT#564	N=	13428.790	E=	12179.165 EL=	56.445	FD-E/ASPH	
	PT#565	N=	13416.320	E=	12238.100 EL=	57.640	FD-E/ASPH	
	PT#566	N=	13364.510	E=	12238.420 EL=	58.295	BLDNG(TRANSP)	
	PT#567	N=	13305.600	E=	12226.595 EL=	58.350	BLDNG(TRANSP)	
	PT#568	N=	13247.595	E=	12256.335 EL=	58.755	BLDNG(TRANSP)	
	PT#569	N=	13232.430	E=	12154.030 EL=	57.460	FD-E/CONC	
	PT#570	N=	13160.465	E=	12122.243 EL=	58.275	CLF	
	PT#571	N=	13094.658	E=	12108.812 EL=	58.465	CLF	
	PT#572	N=	13058.151	E=	12105.720 EL=	57.830	CLF	
	PT#573	N=	13019.111	E=	12097.976 EL=	57.355	CLF	
	PT#574	N=	13019.775	E=	12070.730 EL=	57.085	FD-E/CONC	
	PT#575	N=	13006.195	E=	12033.595 EL=	56.850	CL-ISLAND	
	PT#576	N=	12969.680	E=	12026.090 EL=	55.975	CL-ISLAND	
	PT#577	N=	13133.340	E=	12154.750 EL=	58.740	BLDNG(F.DPT)	
	PT#578	N=	13117.485	E=	12151.630 EL=	59.465	BLDNG(F.DPT)	
	PT#579	N=	13105.865	E=	12159.435 EL=	58.680	BLDNG(F.DPT)	
	PT#580	N=	13102.495	E=	12176.020 EL=	58.660	BLDNG(F.DPT)	
	PT#581	N=	13059.665	E=	12135.405 EL=	58.095	FD-E/CONC	
	PT#582	N=	13050.440	E=	12133.450 EL=	58.120	FD-E/CONC	
	PT#583	N=	13023.145	E=	12276.365 EL=	58.120	FD-E/CONC	
	PT#584	N=	12979.795	E=	12311.860 EL=	57.520	FD-E/CONC	

FILE: GRUMMAN:MAIN
1000 POINTS
from

to FUEL DEPOT

GRUMMAN AEROSPACE
CALVERTON, NY

" 14-00492
9/6/94

	PT#	DIRECTION	HD	PT#	NORTH		EAST	ELEV	DESC
SET	PT#37	N=	13034.595	E=	12487.230	EL=	58.360	STKSET	
SIGHT	PT#8	N=	13070.919	E=	12046.127	EL=	57.830	DH SET	
	PT#585	N=	12999.218	E=	12393.250	EL=	58.205	BLDNG	
	PT#586	N=	12991.773	E=	12432.870	EL=	58.260	BLDNG	
	PT#587	N=	12961.882	E=	12427.263	EL=	57.800	BLDNG	
	PT#588	N=	13050.205	E=	12444.655	EL=	58.900	FD-E/CONC	
	PT#589	N=	13052.960	E=	12395.200	EL=	58.865	FD-MW-05	
	PT#590	N=	13053.620	E=	12390.350	EL=	58.885	FD-SB-02	
	PT#591	N=	13090.595	E=	12198.820	EL=	58.685	FD-SB-04	
	PT#592	N=	13092.570	E=	12200.045	EL=	58.770	FD-MW-06	
	PT#593	N=	13180.940	E=	12207.605	EL=	~~-436.120~~	FD-MW-04-I	
	PT#594	N=	13178.955	E=	12217.605	EL=	~~-436.40~~5	FD-MW-04-S	
	PT#595	N=	13170.800	E=	12212.680	EL=	58.360	FD-GRID-COR	
	PT#596	N=	13179.165	E=	12163.975	EL=	58.225	CLF	
	PT#597	N=	13190.765	E=	12203.645	EL=	57.830	E/ASPH	
	PT#598	N=	13237.435	E=	12306.740	EL=	58.410	BLDNG(TRANSP)	
	PT#599	N=	13396.425	E=	12338.530	EL=	58.445	BLDNG(TRANSP)	
	PT#600	N=	13428.860	E=	12329.860	EL=	~~-426.28~~0	FD-MW-01-S	SEE PGS. 4 & 5
	PT#601	N=	13424.970	E=	12340.970	EL=	~~-435.64~~5	FD-MW-01-I	FOR H.W. ELEVS.
	PT#602	N=	13145.450	E=	12436.880	EL=	57.720	E/ASPH	
	PT#603	N=	13114.765	E=	12505.565	EL=	57.250	FD-GRID-COR	
	PT#604	N=	13112.045	E=	12505.279	EL=	57.655	CLF	
	PT#605	N=	13316.240	E=	12547.890	EL=	55.925	FD-TW-07	
	PT#606	N=	13040.330	E=	12498.060	EL=	57.890	FD-SB-03	
	PT#607	N=	13005.825	E=	12583.830	EL=	55.695	FD-TW-03	
	PT#608	N=	13025.251	E=	12487.721	EL=	58.150	CLF	
	PT#609	N=	13030.825	E=	12449.045	EL=	58.485	CLF	
	PT#610	N=	12953.165	E=	12432.720	EL=	57.545	CLF	
	PT#611	N=	12948.170	E=	12464.590	EL=	57.870	FD-GRID-COR	
	PT#612	N=	12869.490	E=	12446.965	EL=	~~-441.01~~0	FD-MW-02-I	
	PT#613	N=	12858.900	E=	12444.390	EL=	~~-440.71~~5	FD-MW-02-S	

HI STOP
GRUMMAN AEROSPACE
CALVERTON, NY

④

#94-00492
9/9/94

AB
CT

FUEL DEPOT

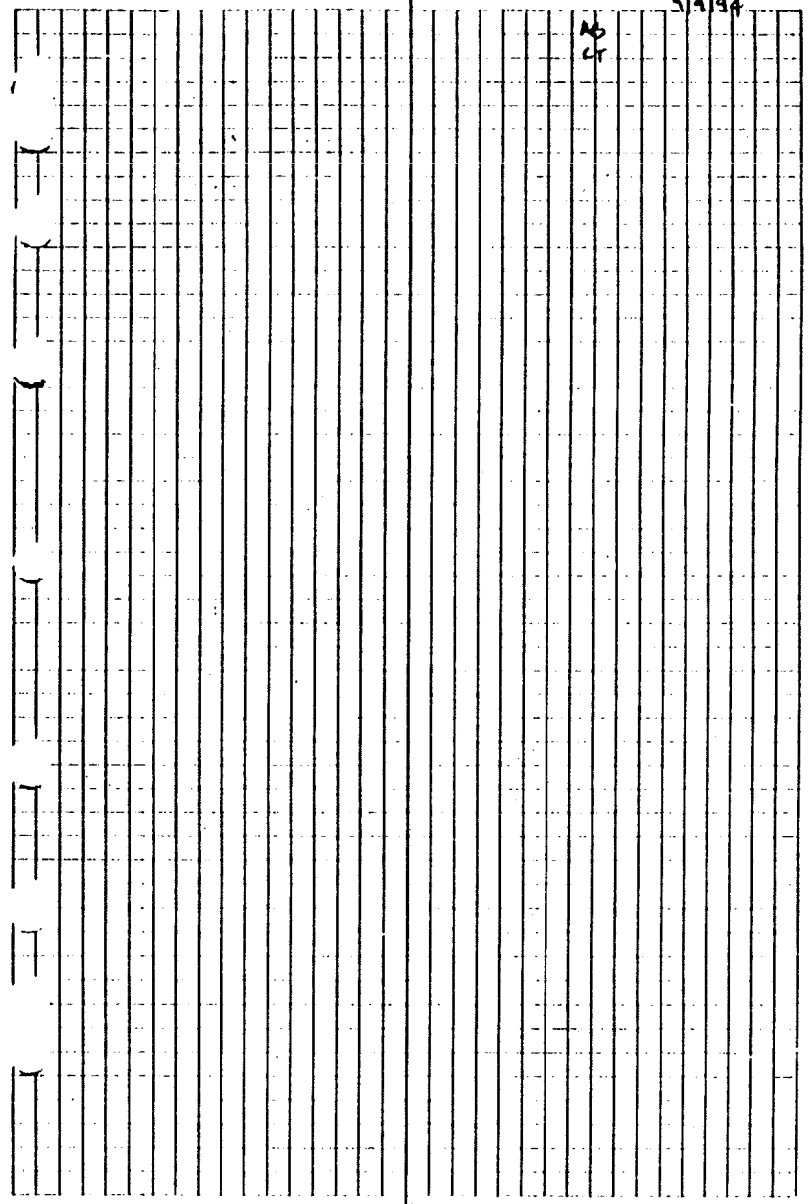
PERMANENT MONITOR WELL ELEVS.

GRUMMAN AEROSPACE ③
GALVERTON, NY

#94-00492
9/9/94

AS
CT

BM	+S	HI	-S	ELEV.	REMARKS
	6.50	55.62		(49.12)	DH #6
			6.01	49.61	N/S T/CONC
	FD-MW-03-S		3.35	52.27	N/S T/CAST IRON
			3.61	52.01	N/S T/PVC
			5.70	49.92	N/S T/CONC
	FD-MW-03-I		3.26	52.36	N/S T/CAST IRON
			3.98	52.04	N/S T/PVC
			6.56	49.06	N/S T/CONC
	FD-MW-04-I		4.73	50.89	N/S T/CAST IRON
			5.04	50.58	N/S T/PVC
			6.85	48.79	N/S T/CONC
	FD-MW-04-S		4.36	51.26	N/S T/CAST IRON
			4.63	50.99	N/S T/PVC
	FD-MW-06		5.87	50.05	N/S T/CONC/T/CAST
	(FLUSH MOUNTED)		5.82	49.80	N/S T/PVC
	FD-MW-05		5.50	50.12	N/S T/CONC./CAST
	(FLUSH MOUNTED)		5.88	49.74	N/S T/PVC
TE #1 BM	5.01	54.64	5.99	49.63	STAKE #37
			6.79	47.85	N/S T/CONC.
	FD-MW-02-I		4.59	50.05	N/S T/CAST
			4.86	49.78	N/S T/PVC
			6.86	47.78	N/S T/CONC.
	FD-MW-02-S		4.28	50.36	N/S T/CAST IRON
			4.69	49.95	N/S T/PVC



	PERMANENT	FUEL DEPOT MONITOR WELL		ELEV.	
BM	[illegible]	[illegible]	[illegible]	ELEV.	REMARKS
TP #2	6.79	54.51	6.86	47.78	
TP #1 BM	5.68	55.30	4.89	49.62	STAKE #37
BM			6.20	49.10 (49.12)	DH #6
	5.42	54.44		(49.12)	DH #6
			4.90	49.54	N/S T/CONC
	FD: MW #1	- I	2.95	51.49	N/S T/CAST IRON
			3.26	51.18	N/S T/PVC
			5.23	49.21	N/S T/CONC
	FD: MW #1	- 7	2.65	51.79	N/S T/CAST
			2.94	51.50	N/S T/ PVC

(17)

HALLIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

#94-024971
8/26/94

JAB
CUT

ELEV RUNS THRU PROP

(11)

ELEV. RUN FROM NORTH GATE TO PLANT #8 THRU COMPLEX

STA	+S	H1	-S	ELEV.	REMARKS
CMF @ ℄ INT RUNWAYS	4.77 ~~7.34~~	80.94 ~~83.51~~		(76.17)	#19 P.5
TP #1	0.20 ~~0.16~~	75.26 ~~75.96~~	5.88 ~~7.67~~	75.06 ~~75.84~~	
TP #2 BM	2.33 ~~2.73~~	By RUNWAY 63.59 ~~64.05~~	STOPLIGHT 14.00 ~~14.64~~	61.26 ~~61.52~~	PK #11 P. 5
TP #3	4.52 ~~4.61~~	60.60 ~~60.77~~	7.51 ~~7.89~~	56.08 ~~56.16~~	
TP #4 BM	5.69	By FIRE HOUSE 60.69 ~~60.71~~	5.67 ~~5.75~~	54.93 ~~55.02~~	PK #10 P.4
TP #5	6.14	61.36 ~~61.45~~	5.40	55.22 ~~55.51~~	
TP #6 BM	4.85	67.45 ~~62.54~~	3.76	57.60 ~~57.69~~	PK #9 P 4
TP #7 BM	0.47	By FUEL DEPOT 58.21 ~~58.30~~	4.71	57.74 ~~57.85~~	DH #8 P. 3
TP #8 BM	6.47	By INTER. @ COAL PLANT ~~55.68~~	9.09	49.12 ~~49.21~~	DH #6 P. 3
SS		55.59	5.66	49.93 ~~50.02~~ (49.75)	T/C.I. HH
SS			4.21	51.38 ~~51.47~~ (51.35)	F.F. QUONSET HUT
TP #9	6.05	55.25 ~~55.34~~	6.39	49.20 ~~49.29~~	
TP #10 BM	6.90	54.62 ~~54.71~~	7.53	47.72 ~~47.81~~	PK #5 P. 2
TP #11 BM	4.11	51.25 By SOUTHGATE ~~51.34~~	7.48	47.14 ~~47.23~~	PK #3 P. 2
TP #12 BM	10.85	56.35 ~~56.44~~	5.75	45.50 ~~45.59~~	SCM #1 #6-10 36 P. 2
SS			7.25	49.10 ~~49.19~~ (49.08)	T/CMF N/S COR. PLANT 8
TP #13	9.64	65.70 ~~65.79~~	0.29	56.06 ~~56.15~~	
NAIL FND IN NYT #67			3.57	~~62.26~~ (63.10) 62.13	

GRUMMAN AEROSPACE
CALVERTON, NY

494-00492
8/20/94

ELEV. RUN TO CHECK RUNWAY CMF

SCM BM

ELEV RUN TO CHECK RUNWAY CMF

STA.	+S	HI	-S	ELEV.	REMARKS
BM	5.77	81.94		(76.17)	CMF @ ℄ INT #14
			6.90	75.04 (75.07)	SCM 6-1034
TP #1	2.31	69.62	14.63	67.31	
BM			7.41	62.21 (62.21)	USC&GS #J-334 1980

GRUMMAN AEROSPACE
CALVERTON, NY

#94-00492
8/26/94

ARO X
CGT P

ELEV. RUN TO FIRE TRAINING AREA

TO FIRE TRAINING AREA

STA	+S	HI	-S	ELEV	REMARKS
BM	6.07	53.21 ~~53.50~~		47.14 (~~47.23~~)	PK #3 P. 2
TP #1A	12.53	62.06 ~~62.15~~	3.68	49.53 ~~49.62~~	
TP #2A BM	6.01	61.84 ~~61.93~~	6.23	55.83 ~~55.92~~	STAKE #4 P. 2
TP #1A	3.66	53.19 ~~53.28~~	12.31	49.53 ~~49.62~~	
BM			6.04	~~47.24~~ (~~47.24~~)	PK #3
				47.15 (47.14)	

HALLISURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

(20)

#94-00492
8/26/94

ACC X
CHT P

ELEV. RUN TO NOISE CHECK BLDG

HALLIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

(21)

#94-00492
8/26/94

ARB -
CGT

TO NOISE CHECK BLDG

STA.	+S	H1	-S	ELEV.	REMARKS
BM	5.13	60.06 ~~60.14~~		54.93 (~~55.01~~)	PC10 P.4
TP# 18	0.15	57.18 ~~57.06~~	3.03	57.03 ~~57.11~~	
TP# 28 BM	4.63	56.16 ~~56.24~~	5.65	51.53 ~~51.61~~	CAL. AZIMUTH REF. MON.
			5.10	~~51.14~~ (51.05) 51.06	CONC. STEP BASE OF STAIRS +14.77
				~~65.91~~ (65.78) 65.79	"X" MARK ON 2ND STY LANDING

ELEV. RUN TO FUEL CAL AREA

GRUMMAN AEROSPACE
CALVERTON, NY

(22)

#96-00492
8/26/94

AEO'S
LOT 1

TO FUEL CAL AREA

STA	+S	H.	-S	ELEV	REMARKS
BM	5.51	53.23 ~~53.32~~		47.72 (~~47.81~~)	PK #5 P.17,2
TP#1C	5.82	54.99 ~~55.08~~	4.06	49.17 ~~49.26~~	
TP#2C BM	7.78	54.23 ~~54.32~~	8.54	46.95 ~~46.54~~	PK #7
TP#3C	5.35	54.86 ~~54.95~~	4.72	49.51 ~~49.60~~	
TP#4C BM	8.64	54.80 ~~54.89~~	8.70	46.16 ~~46.25~~	REBAR/CAP #16 P. 8
TP#3C	4.70	54.21 ~~54.30~~	5.29	49.51 ~~49.60~~	
TP#2C BM	8.53	54.93 ~~55.08~~	7.75	46.46 ~~46.55~~	AS ABOVE
TP#1C	4.07	53.25 ~~53.34~~	5.81	49.18 ~~49.27~~	
BM			5.51	~~47.83~~ (~~47.81~~) 47.74 (47.72)	PK #5

ELEV RUN TO STORAGE AREAS

HALLIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

(23)

#94-00492
8/29/94

ARB
GGT

TO STORAGE AREAS

STA.	+S	HI	-S	ELEV	REMARKS
BM	4.71	51.16 ~~51.25~~		46.45 (~~46.54~~)	PK #7 P. 21
TP #10 BM	4.19	48.68 By GUARD HOUSE ~~48.77~~	6.67	44.49 ~~44.58~~	PK #15 P. 7
TP #20	3.52	46.24 ~~46.53~~	5.96	42.72 ~~42.81~~	
TP #30 BM	7.13	49.32 By POLE @ RR ~~49.41~~	4.05	42.19 ~~42.28~~	SPIKE #17 P. 7
TP #40 BM	4.50	49.38 By POLE ~~49.47~~	4.44	44.88 ~~44.97~~	SPIKE #18 P. 7
TP #50	15.51	56.47 ~~56.56~~	8.42	40.96 ~~41.05~~	
TP #60 BM	6.74	56.37 By METAL BLDG. ~~56.46~~	6.84	49.63 ~~49.72~~	PK #9 P. 9
TP #70 BM	2.54	56.25 By DISCARDED PLANE ~~56.34~~	2.66	53.71 ~~53.80~~	PK #20 P. 9
TP #60 BM	6.82	56.45 ~~56.54~~	6.62	49.63 ~~49.72~~	AS ABOVE
TP #50	8.40	49.36 ~~49.45~~	15.49	40.94 ~~41.05~~	
TP #40 BM	4.41	49.29 ~~49.38~~	4.48	44.88 ~~44.97~~	AS ABOVE
TP #30 BM	4.02	46.21 ~~46.30~~	7.10	42.19 ~~42.28~~	"
TP #20	5.89	48.61 ~~48.70~~	3.49	42.72 ~~42.81~~	
TP #10	6.65	51.15 ~~51.24~~	4.11	44.50 ~~44.59~~	
BM			4.68	~~46.54~~ (~~46.54~~) 46.47 (46.45)	PK #7 P.

ELEV RUN TO ECM AREA

HALLIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

(24)

#94-00492
8/29/94

ELEV. RUN TO ECM AREA

STA.	+S	H	-S	ELEV.	REMARKS
USC&GS P-331	6.75	90.60		(83.85)	
	ALONG PATROL RD INSIDE CLF				
SS BM #1E			5.14	85.46	PK #24 P.12
TP #1E	7.77	91.13	7.24	83.36	
TP #2E BM	4.56	88.87	6.82	84.31	PK #26 P.12
TP #3E	5.69	87.17	7.39	81.48	
TP #4E BM	3.11	85.64	4.64	82.53	PK #27 P.13
TP #5E	4.92	87.54	3.02	82.62	
TP #6E BM	2.33	82.62	7.25	80.29	PK #28 P.13
TP #7E	3.23	67.92	17.93	64.69	
		ECM	AREA		
SS BM #2E			6.67	61.25	REBAR #29 P.14
TP #8E	8.15	70.77	5.30	62.62	
TP #9E BM	4.29	70.64	4.42	66.35	STAKE #31 P.14
TP #8E	5.33	67.95	8.02	62.62	
SS BM #2E			6.71	61.24	PK #26
TP #7E	17.89	82.58	3.26	64.69	
TP #6E BM	7.24	87.53	2.29	80.29	PK #28
TP #5E	3.01	85.63	4.91	82.62	
SS			2.84	82.79 ( )	METAL PLATE @ GATE B
TP #4E BM	4.59	87.13	3.09	82.54	PK #27
TP #3E	7.49	88.98	5.64	81.49	
TP #2E BM	6.83	91.15	4.66	84.32	PK #26
TP #1E	7.20	90.57	7.78	83.37	
SS BM #1E			5.10	85.47	PK #24
BM			6.70	83.87 (83.85)	

ELEV. RUN TO N.E. POND

TO NE POND

STA.	+S	H.	-S	ELEV.	REMARKS
BS BM #16 P.	4.40	89.86		(85.46)	PR #24 P. 12
TP #1F BM	8.80	87.80	10.86	79.00	SPIKE #25 P. 12
TP #2F BM	5.41	83.96	9.25	78.55	STAKE #33 P. 16
TP #3F BM	1.22	70.86	14.32	69.64	STAKE #34 P. 16
TP #4F BM	18.66	70.71	18.81	52.05	STAKE #35 P. 16
TP #3F BM	14.29	83.93	1.07	69.64	STAKE #34
TP #2F BM	9.24	87.79	5.38	78.55	STAKE #33
TP #1F BM	10.85	89.85	8.79	79.00	SPIKE #25
BM			4.39	85.46 (85.46)	PR #24

HALIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

#94-00494
9/9/94

AS
CT

TO CHECK BM BETWEEN NORTH
GATE & FIRE HSE

BM	+S	HI	-S	ELEV	REMARKS
	5.67	60.60		54.93	PK #10
TP	7.51	63.59	4.92	56.08	PK #11
TP BM	14.00	75.26	7.33	61.26	
TP	5.88	80.94	0.20	75.06	
			4.77	(76.17)	RH RUNWAY MAP
			5.92	(75.05)	SCM #6-103 #12

①

HALLIBURTON NUS
GRUMMAN AEROSPACE
GALVERTON, NY

#94-00442
8/23/94

ARO X
CGT ?

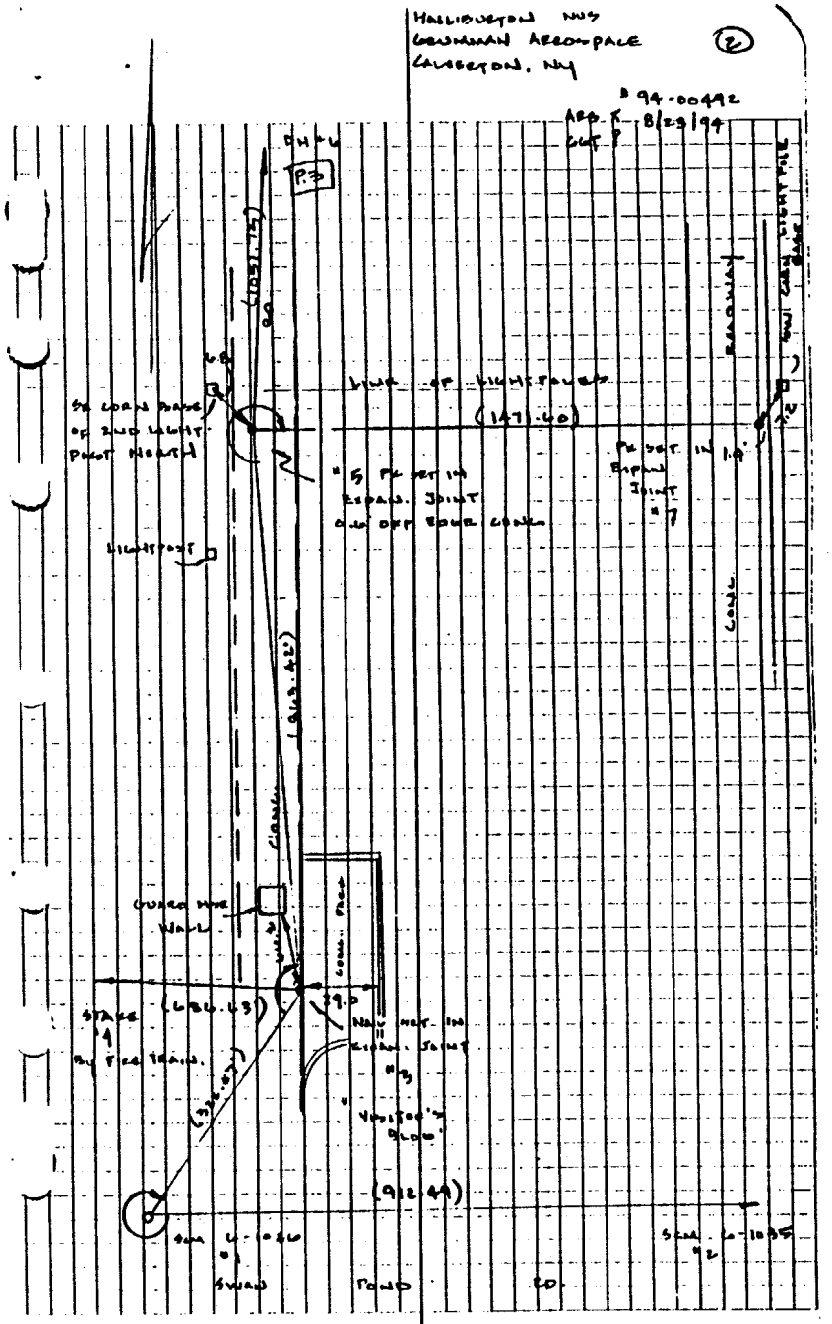
TRAVERSE FROM SOUTH GATE TO
NORTH GATE THROUGH COMPOUND

HALLIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

(2)

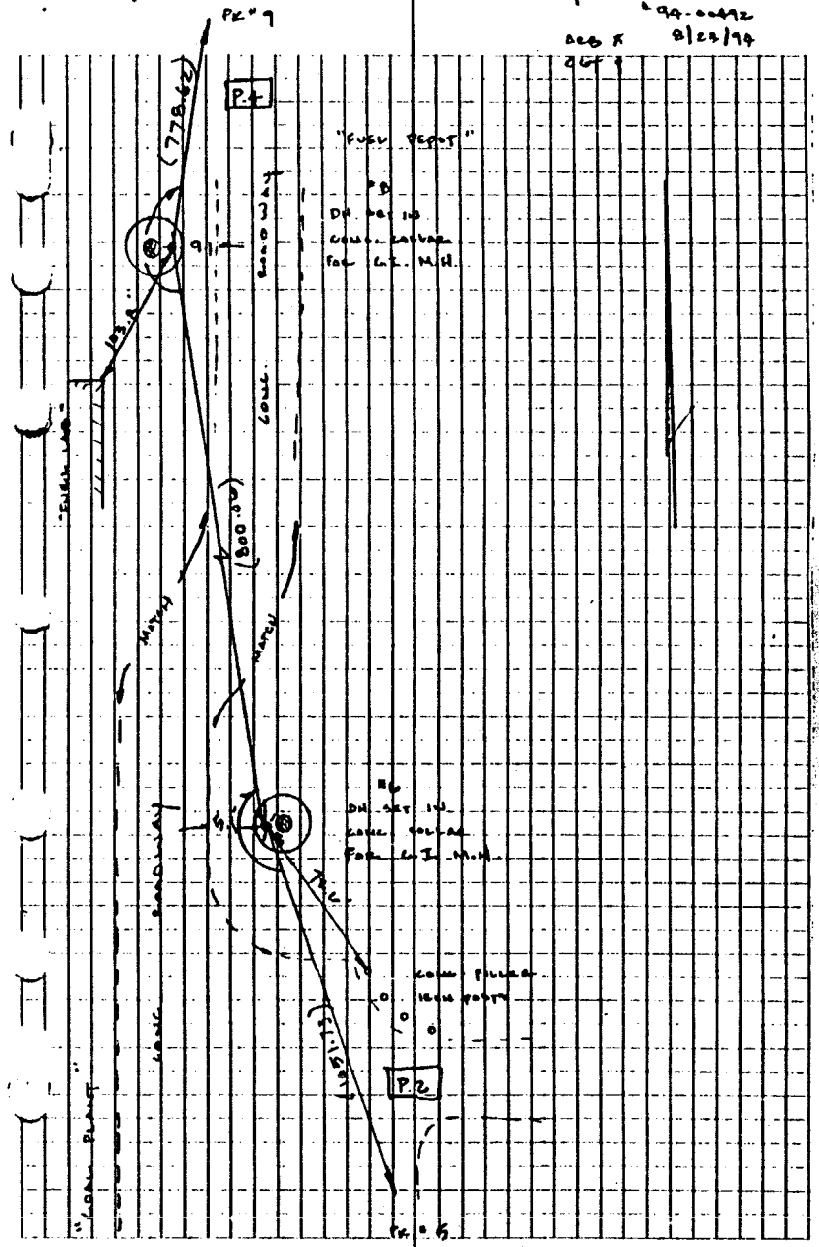
#94-00492
ARB. K 8/23/94
CGT P

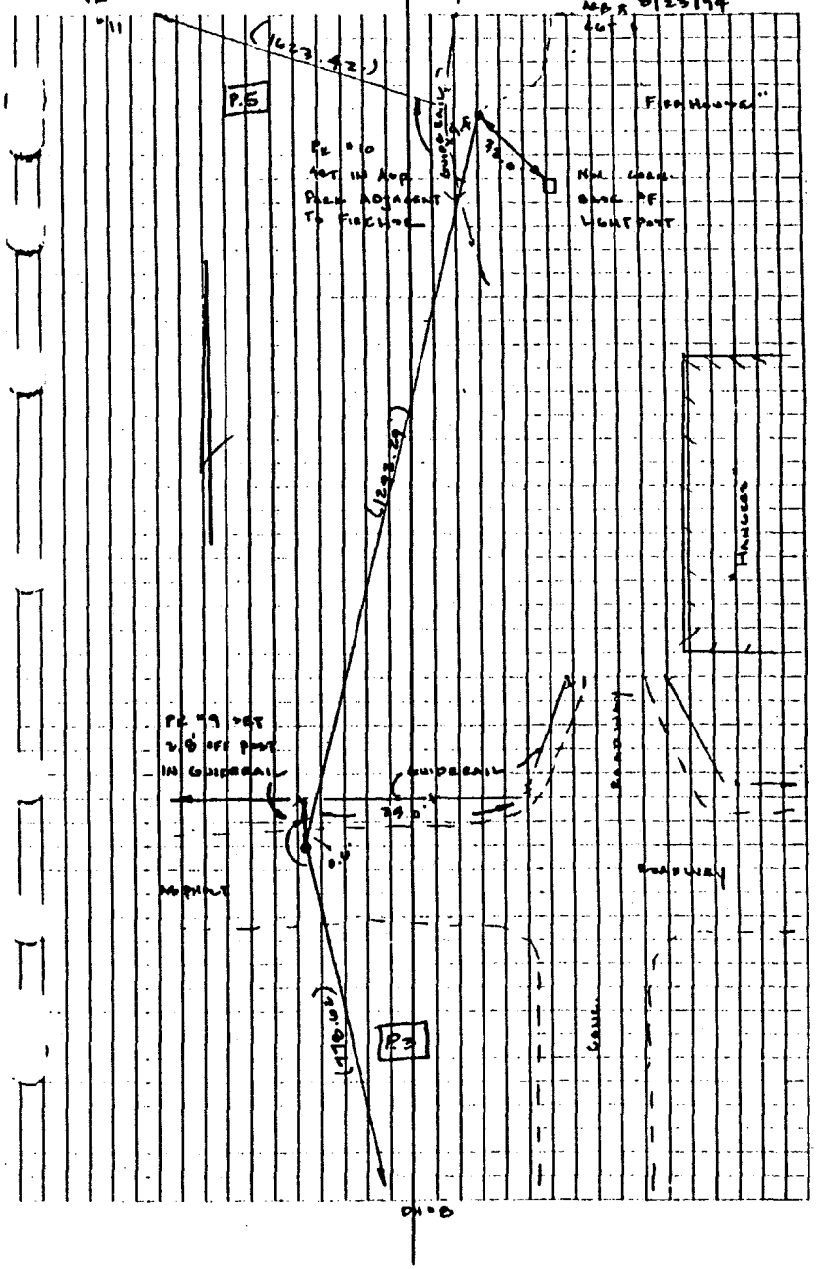
STA	1ST ∡	3RD ∡	AVG. ∡	HORIZ. DIST	REMARKS
1" BS 2"	0°			912.49	1-6-1036 2-6-1035
3°	303-16-54	189-50-44	303-16-55	322.07	NAIL SET
3° BS 1"	0°			(322.07)	
4°	79-44-17	239-12-53	79-44-18	686.63	STAKE BY FIRE TR.
5°	146-12-15	78-36-44	146-12-15	863.42	PK IN EXPAN. JT.
5° BS 3°	0°			(863.42)	
6°	185-11-02	195-33-08	185-11-03	1051.73	DH SET IN CONC. COLLAR @ MH
7°	273-15-45	99-47-15	273-15-45	1471.60	PK BY FUEL CAL.
6° BS 5°	0°			(1051.73)	
8°	182-14-13	186-42-39	182-14-13	800.06	DH SET IN CONC. COLLAR @ MH
8° BS 6°	0°			(800.06)	
9°	197-47-40	233-23-10	197-47-43	778.62	PK SET
9° BS 8°	0°			(778.62)	
10°	208-33-01	265-38-58	208-32-59	1292.29	PK BY FIRE HSE
10° BS 9°	0°			(1292.29)	
11°	100-54-25	302-43-12	100-54-24	1623.42	PK ON NORTH RD
11° BS 10°	0°			(1623.42)	
12°	182-17-03	186-51-14	182-17-05	1738.04	SCM 6-1034
12° BS 11°	0°			(1738.04)	
13°	105-12-06	315-36-15	105-12-05	1886.08	SCM 6-1033
12° BS 13°	0°			(1886.08)	
14°	188-13-43	204-41-10	188-13-43	552.06	RUNWAY CHF



HALLIPORTON HUS
GRUMMAN AEROSPACE
CALVERTON, NY

#94-00492
8/23/94

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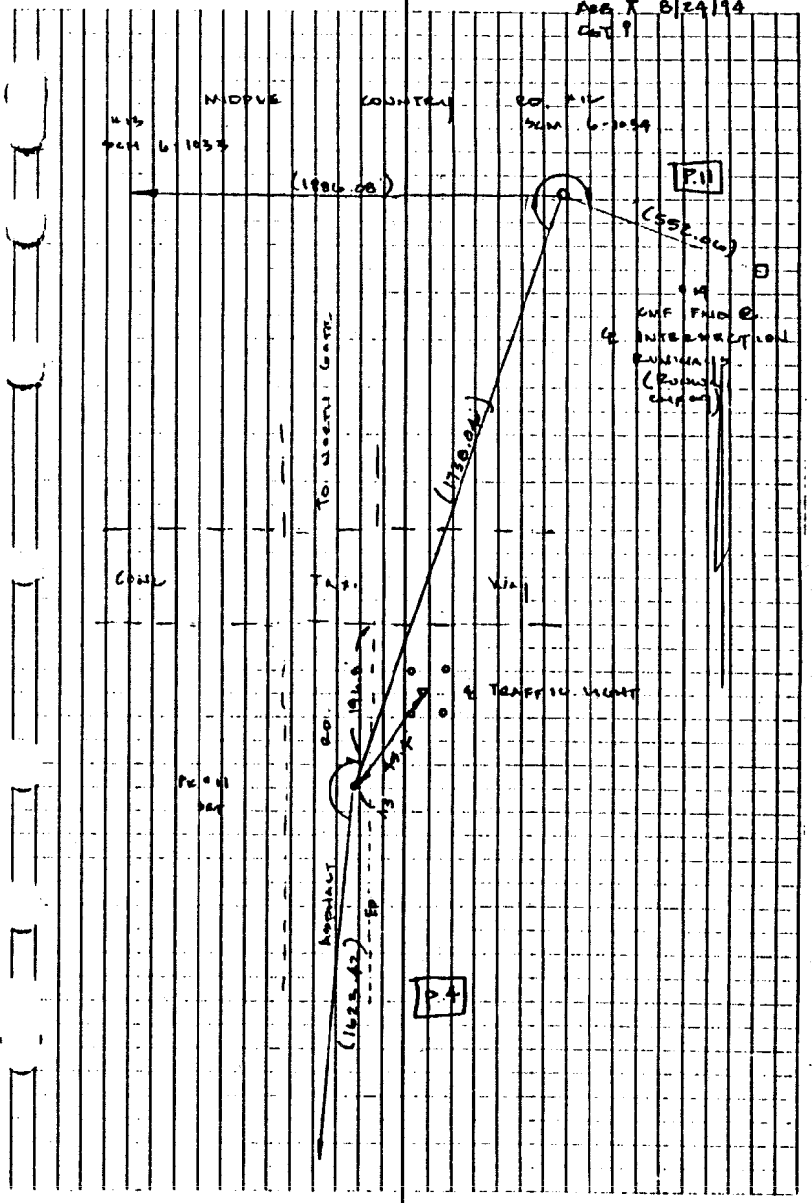
GRUMMAN AEROSPACE
CALVERTON, NY
#94-00492
8/23/94
P.5
P.3
GUIDERAIL
ASPHALT
ROADWAY
HANGERS
DH#8

HALLIBURTON
GRUMMAN AEROSPACE
CALVERTON, NY

#94-00492
ARE X 8/24/94
CGT ?



HALLIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

6

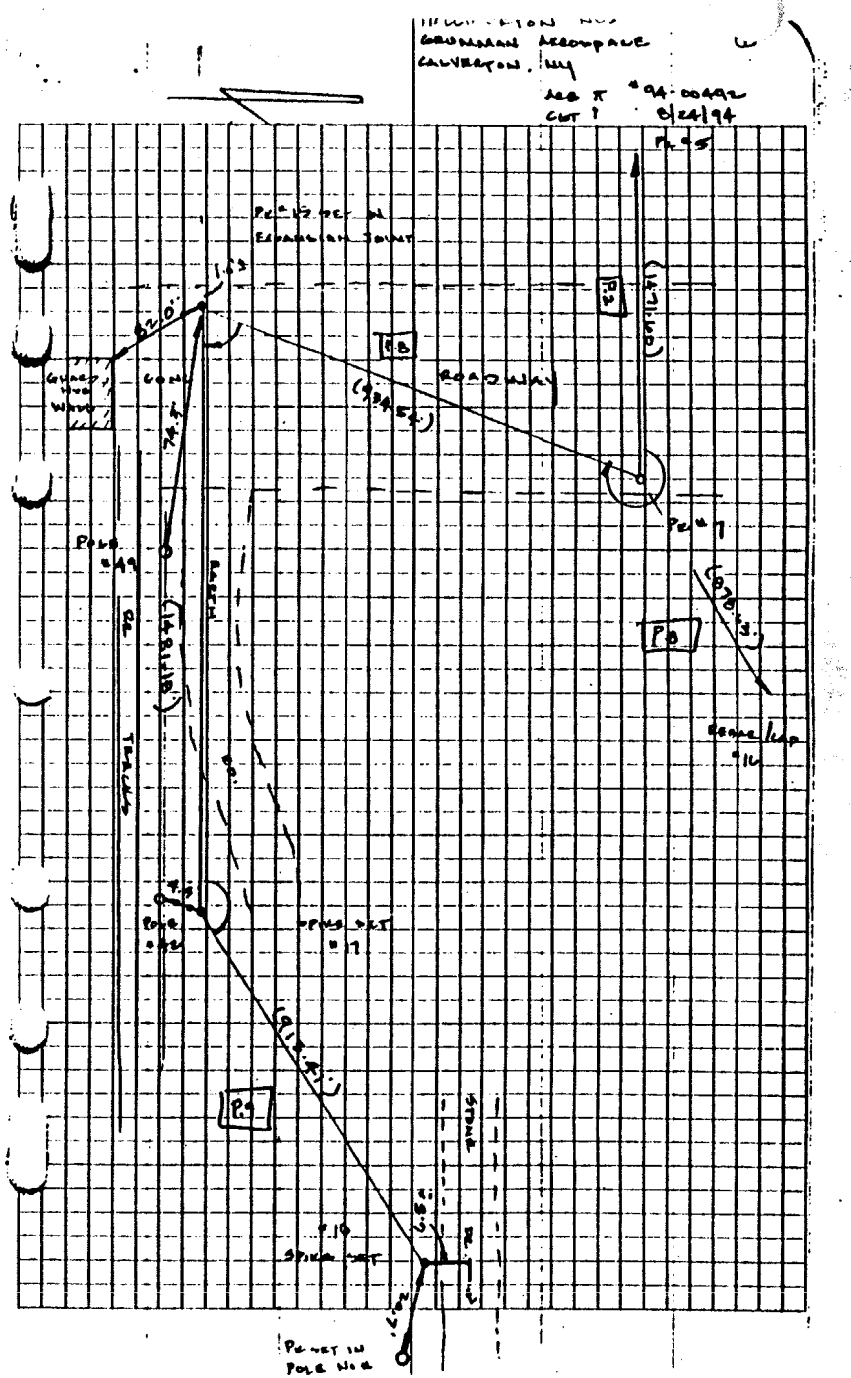
#94-00492
8/24/94

ARB
CAT

TRAVERSE TO FUEL CELL & STORAGE
AREAS

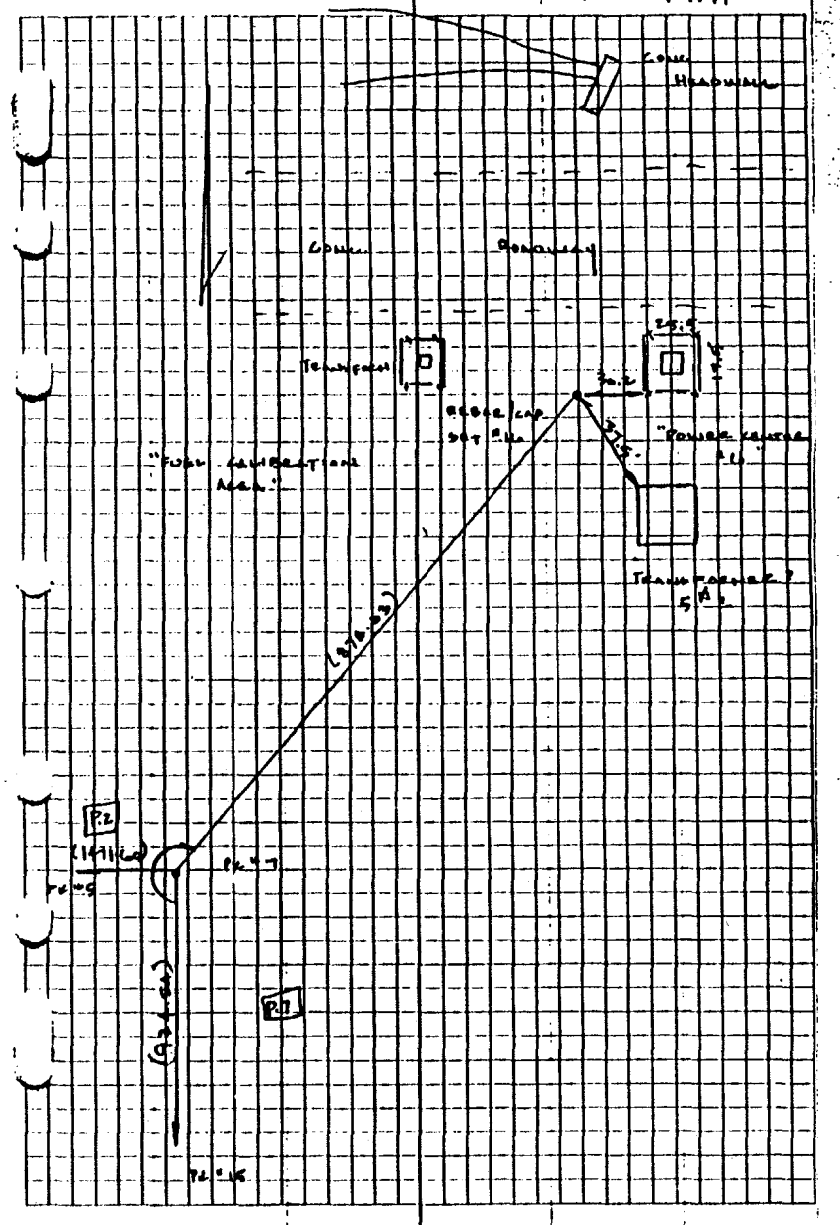
	TRAVERSE TO FUEL CAL AREA				
STA.	1ST ∡	3RD ∡	AVG ∡	HORIZ. DIST	REMARKS
7° BS 5°	0°			(1471.60)	P. 1, 2
15°	272-55-12	98-49-40	272-55-13	934.54	PK SET
7° BS 15°	0°			(934.54)	
16°	240-09-25	0-28-16	240-09-25	878.63	REBAR/CAP SET
15° BS 7°	0°			(934.54)	
	TRAVERSE TO STORAGE AREAS				
17°	92-01-32	276-04-43	92-01-34	1481.18	SPIKE SET
17° BS 15°	0°			(1481.18)	
18°	162-41-23	128-04-18	162-41-26	913.41	SPIKE SET
18° BS 17°	0°			(913.41)	
19°	200-04-23	240-13-09	200-04-23	1757.93	PK SET
19° BS 18°	0°			(1757.93)	
20°	88-27-32	265-22-35	88-27-32	727.26	PK SET

GRUMMAN AEROSPACE
CALVERTON, NY
JOB # 94-00492
CST 8/24/94



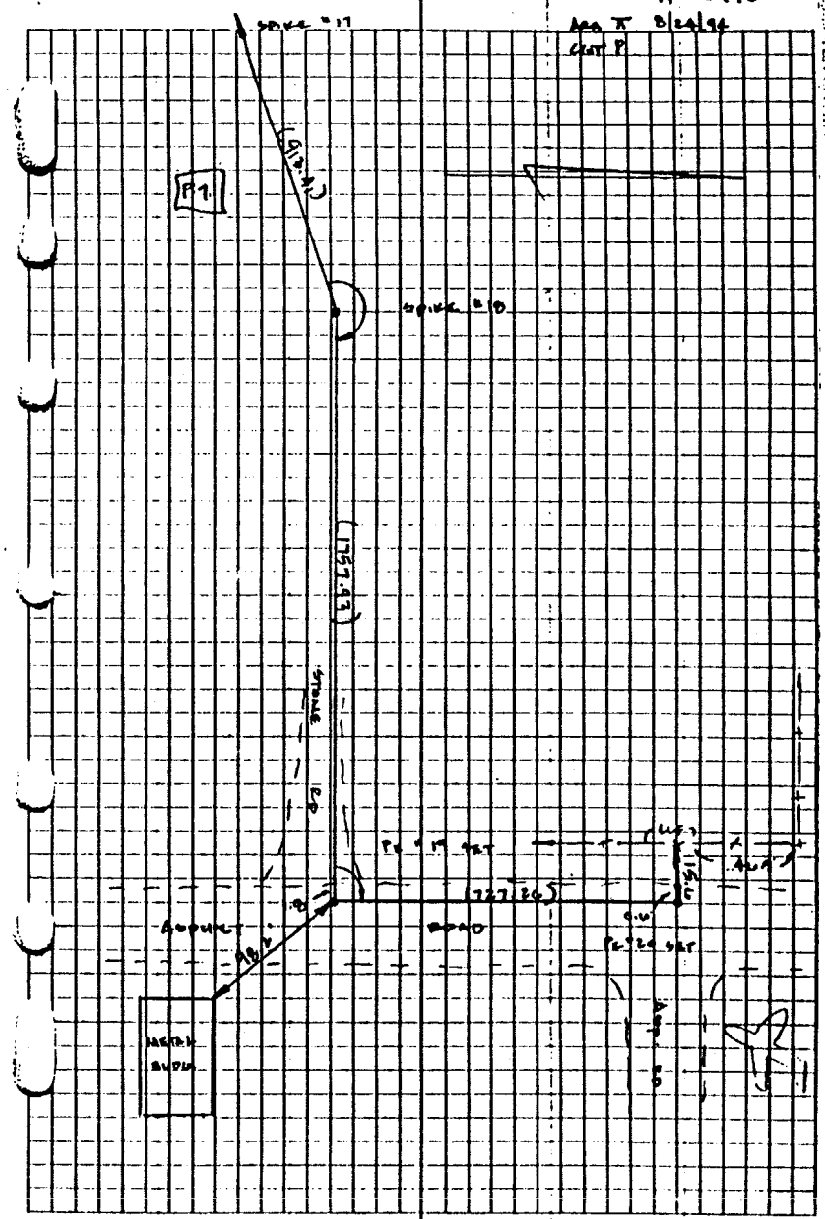
HALLIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

ARB # 94-00492
CGT # 8/24/94



HALLIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

#94-00492
ARB 8/24/94
CUT P



HALLIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

(10)

#94-00492

ARB X 8/25/99
CGT ?

TRAVERSE TO NE POND

& ECM AREAS

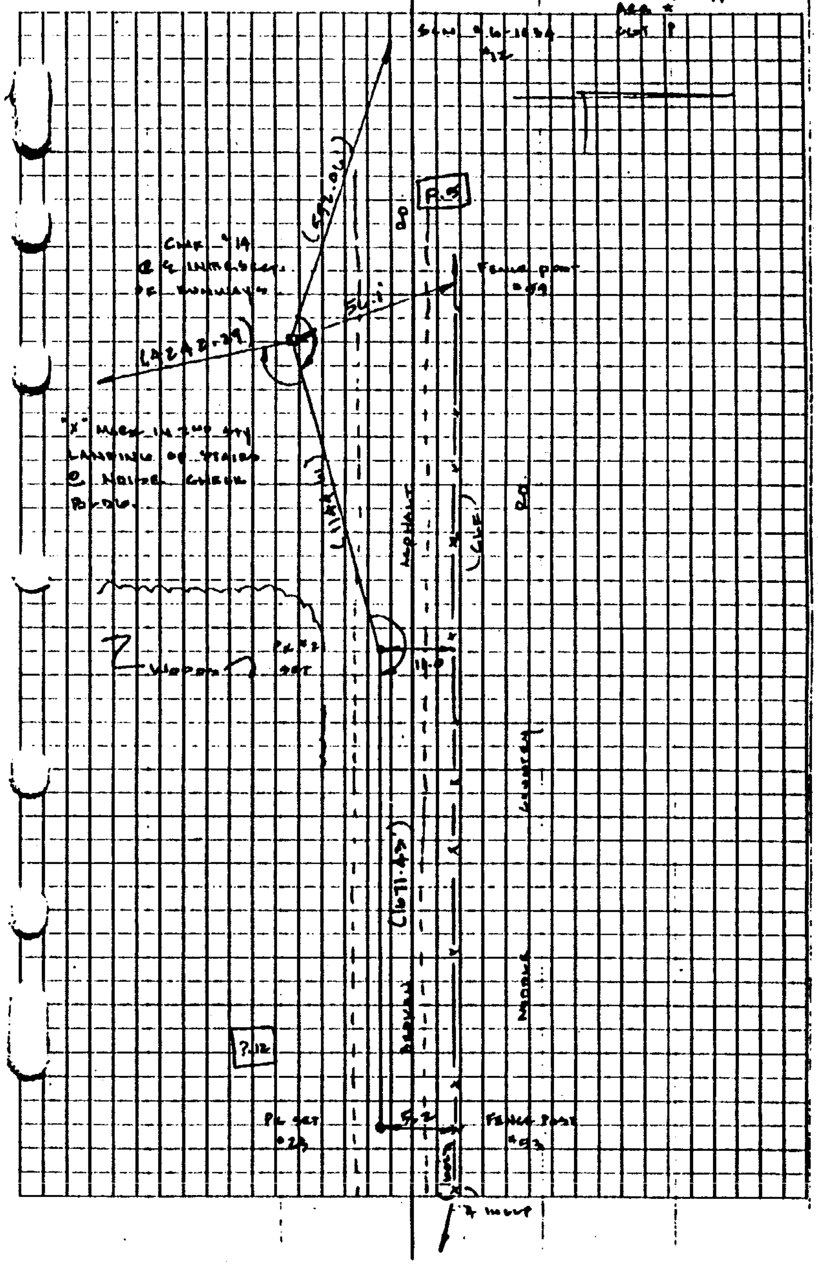
TRAVERSE TO N.E. POND & ECM AREAS

STA.	1ST ∡	DBL ∡	ADJ. ∡	HORIZ. DIST.	REMARKS
14° BS 12°	0°			(592.06)	4" CAP 12" SCM
21°	174-30-29	163-51-38	174-30-39	1144.61	PK SET
14° BS 21°	0°			(1144.61)	"X" MARK
22°	71-47-30	219-26-39	71-47-33	4242.29	
21° BS 14°	0°			(1144.61)	
23°	182-41-41	188-05-03	182-41-41	1671.43	PK SET
23° BS 21°	0°			(1671.43)	
24°	186-09-28	198-16-18	186-09-26	743.90	PK SET
24° BS 23°	0°			(743.90)	
25°	244-34-30	13-43-29	244-34-30	537.72	SPIKE SET
		TRAVERSE TO "ECM"			
26°	181-43-59	189-11-58	181-43-59	1199.81	PK SET
26° BS 24°	0°			(1199.81)	
27°	181-19-40	188-47-34	181-19-51	1298.61	PK SET
27° BS 26°	0°			(1298.61)	
28°	264-51-21	74-34-11	264-51-24	1281.94	PK SET
28° BS 27°	0°			(1281.94)	
29°	180-19-12	180-57-48	180-19-16	948.22	REBAR/CAP
29° BS 28°	0°			(948.22)	
30°	12-21-09			89.15	CMF
31	156-00-06	108-00-21	156-00-07	392.42	SPIKE SET
31 BS 29°	0°			(392.42)	
32°	134-42-35			202.06	CMF

HALLIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

(4)

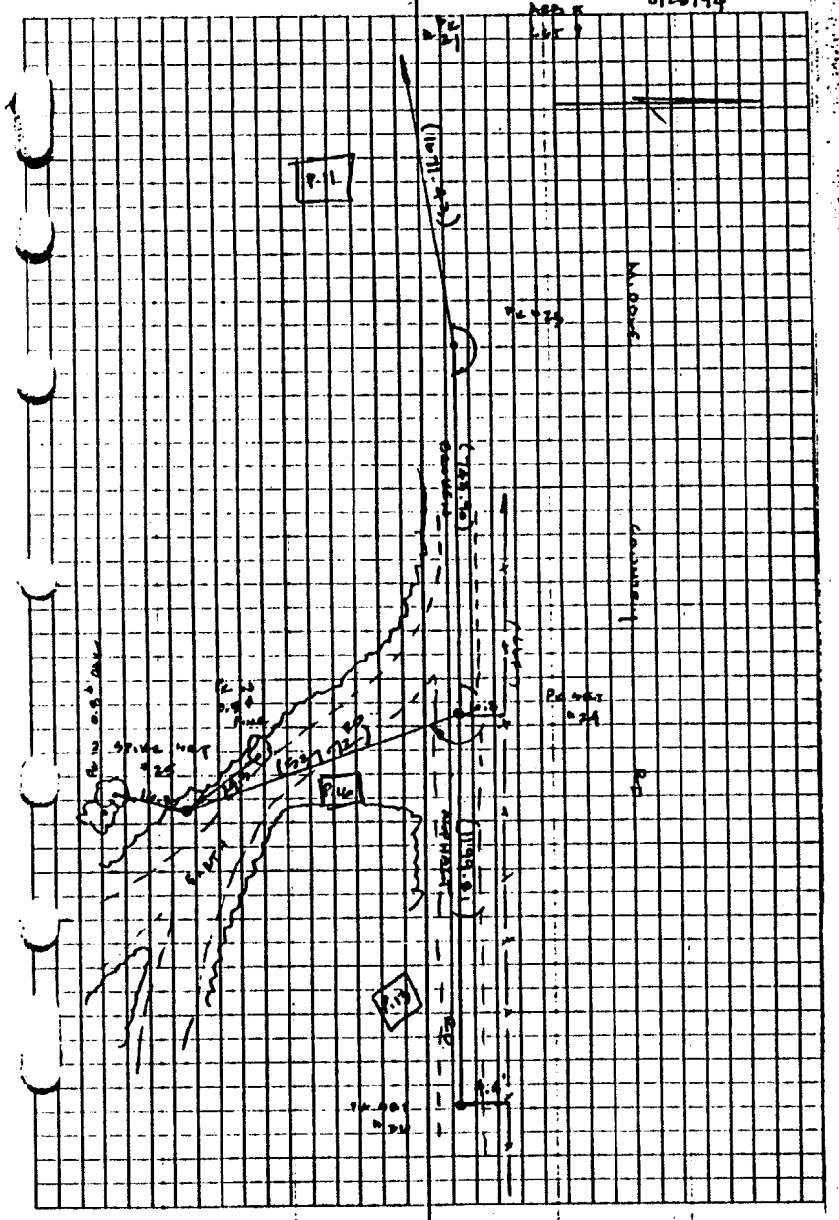
94-00992
8/25/94



BEUMAN AEROSPACE
CALVERTON, NY

(12)

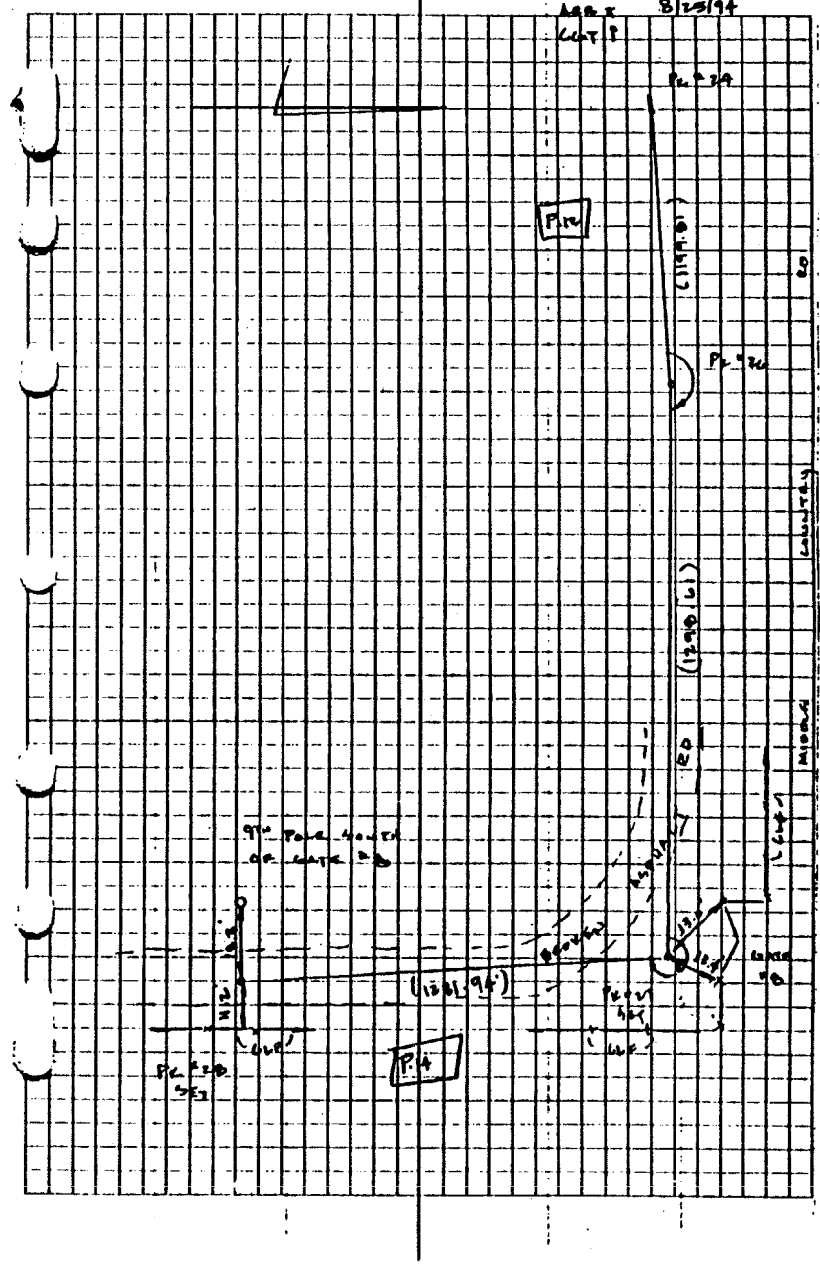
#94-00492
8/20/94



HALLIBURTON NUS
GRUMMAN AEROSPACE
GALVERTON, NY

(2)

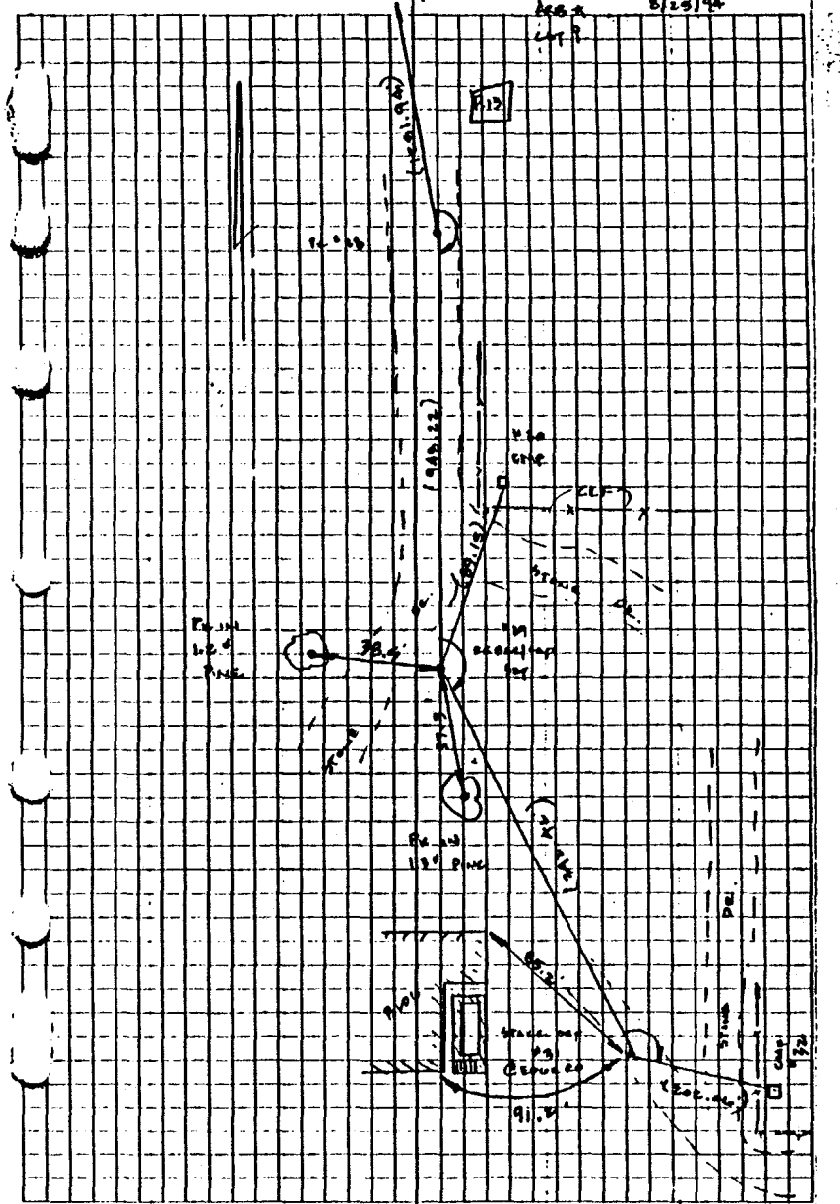
#94-00492
8/23/94



HALLIBURTON NUS
GROUMMAN AEROSPACE
CALVERTON, NY

(14)

#94-00492
8/25/94



HALLIBURTON NUS
GRUMMAN AEROSPACE
CALVERTON, NY

(15)

*94-00492
8/25/94

AREA I
CKT 9

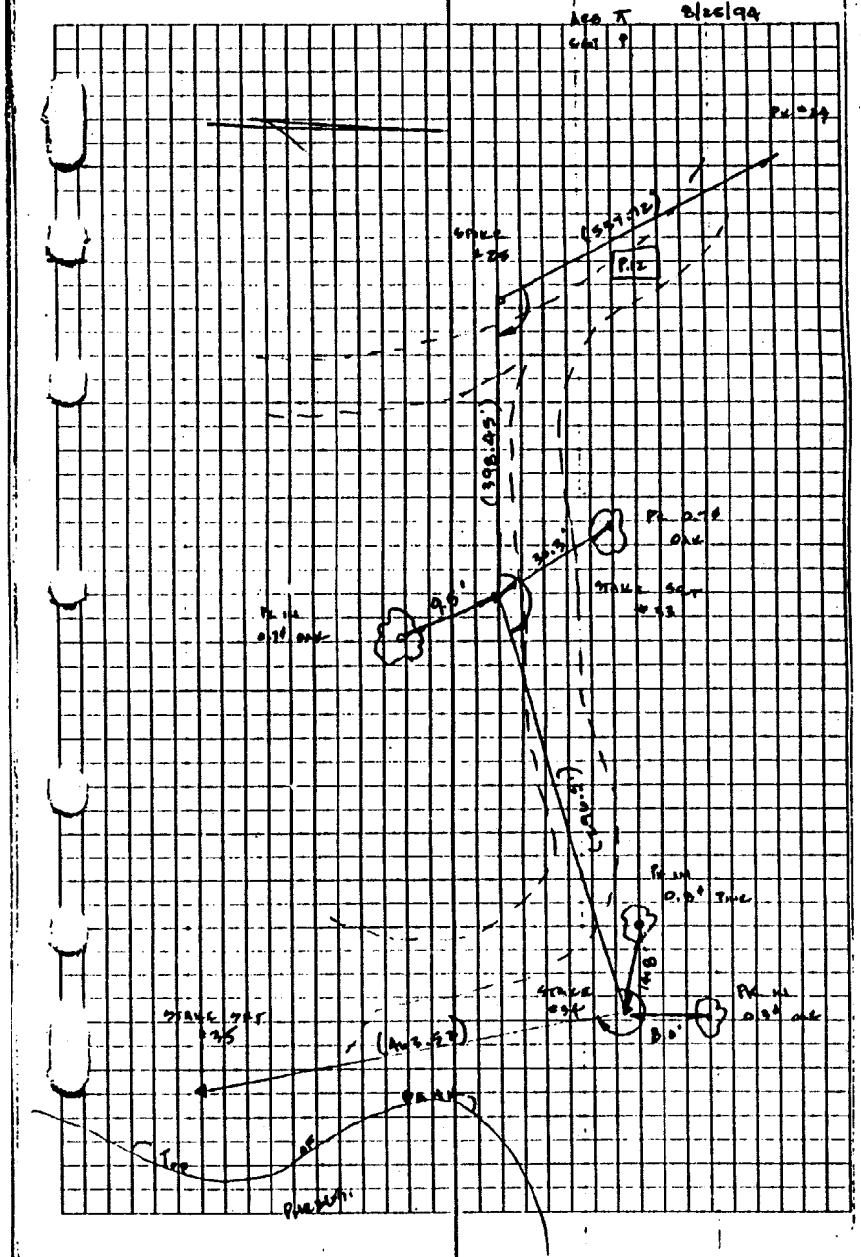
TRAVERSE TO NO. POINT

		TRAVERSE TO NE POND			
STA.	1ST ∡	2ND ∡	AVG. ∡	HORIZ. DIST	REMARKS
25° BY 24°	0°			(537.72)	
33°	137-46-11	53-18-33	137-46-11	398.45	STAKE SET
33° BY 35°	0°			(398.45')	
34°	154-29-29	103-28-26	154-29-29	296.51	STAKE SET
34° BY 33°	0°			(296.51)	
35°	284-12-12	132-36-25	284-12-08	463.92	STAKE SET

HALLIBURTON NUS
GRUMMAN AEROSPACE
GALVERSTON, NY

(10)

94-00492
8/26/94



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1	250075.20000	2332056.19000	45.5900	SCM 6-1036
2	250185.11000	2332962.04000		SCM 6-1035
3	250363.77216	2332199.21166	47.2300	NAIL SET
4	250554.21000	2331539.52000	55.9200	STAKE SET
5	251219.93868	2332087.52919	47.8100	PK SET
6	252270.85942	2332046.27870	49.2100	DH SET
7	251326.93403	2333555.23439	46.5400	PK SET
8	253070.91940	2332046.12703	57.8300	DH SET
9	253812.33110	2332283.94586	57.6900	PK SET
10	254704.59470	2333218.76088	55.0200	PK SET
11	256069.81330	2332340.31299		PK SET
12	257567.75211	2331458.85831		SCM 6-1034
13	257070.92112	2329639.39226		SCM 6-1033
14	257635.45659	2332006.75096	76.1700	CMF #9RUNWAY
15	250392.61614	2333575.60814		PK SET
16	251780.67395	2334307.63771	46.2500	REBAR/CAP SET
17	250372.53233	2335056.65197		SPIKE SET
18	250632.45196	2335932.30009	44.9700	SPIKE SET
19	250523.89180	2337686.87484	49.7200	PK SET
20	251250.70904	2337712.24844	53.8000	PK SET
21	257883.88409	2333124.07626		PK SET
22	253989.33306	2334175.34672		X MARK
23	258169.54392	2334770.91466		PK SET
24	258218.19767	2335513.22188		PK SET
25	257748.69572	2335775.34918		SPIKE SET
26	258260.42564	2336712.28854		PK SET
27	258277.48751	2338010.78645		PK SET
28	257002.32931	2338142.47439		PK SET
29	256058.59454	2338234.59314	61.2500	REBAR/CAP
30	256147.12182	2338245.11190		CMF
31	255717.29632	2338428.26550	66.3500	STAKE SET
32	255664.53405	2338623.31520		CMF
33	257621.64136	2336152.99927	78.5500	STAKE SET
34	257657.33463	2336447.35309	69.6400	STAKE SET
35	257197.56085	2336388.54103	52.0500	STAKE SET
36	252035.05000	2331499.19000	47.4000	STKSET(CP)
37	253034.59500	2332487.23000	58.3600	STKSET
38	250502.25000	2331201.79500	55.0600	STKSET
39	250531.92500	2330635.37000	63.9600	STKSET
40	251020.92000	2330576.24000	66.3300	STKSET
99	253989.33306	2334175.34672		X MARK
100	252032.54500	2331490.58000	47.3300	CP-SB-10
101	251889.72500	2331441.78000	49.4950	CP-SB-09
102	251910.36500	2331620.06500	49.3200	CP-SB-11
103	251806.71000	2331576.10000	50.9700	CLF
104	251814.05500	2331673.85000	50.9850	CLF
105	251879.37500	2331684.16000	49.2650	C.L.RR TRACK
106	251942.30000	2331699.75500	49.4150	CP COR TRACK
107	251961.56500	2331698.16000	49.5300	CP COR TRACK
108	251968.20500	2331698.02500	49.5500	CP COR TRACK
109	252087.90000	2331689.32500	49.5900	CP COR TRACK
110	252126.23500	2331666.55000	48.7900	C.L.RR TRACK
111	252126.02000	2331580.30500	48.9150	PUMP/HSE
112	252114.59700	2331581.01378	48.8600	PUMP/HSE
113	252116.23000	2331603.16000	49.3200	PUMP/HSE
114	252062.40500	2331426.89000	47.2550	E/COAL
115	251843.80000	2331424.43000	48.5400	E/COAL
116	252140.41000	2331383.04000	43.6400	CP-SD-01
117	252170.78000	2331364.80500	42.5800	CP-SD-02
118	252190.00000	2331358.40000	41.9700	E/WATER

150	257159.97000	2336355.79500	53.0300	NP-SB-01
151	257228.76500	2336360.01000	50.9650	NP-SB-02
152	257305.87500	2336349.44500	48.6600	NP-SB-03
153	257376.08500	2336376.40500	47.7350	NP-SB-04
154	257440.33000	2336412.79000	48.4500	NP-SB-05
155	257285.78000	2336392.59500	44.9500	NP-SS-01
156	257368.74000	2336401.08000	44.2750	NP-SS-02
157	257403.00000	2336349.08500	48.0600	NP-SS-03
158	257323.63500	2336316.32000	48.3750	NP-SS-04
159	257258.80500	2336285.69000	50.5400	NP-SS-05
160	257229.10000	2336225.10500	52.4250	NP-SS-06
161	257049.17500	2336023.90000	-417.1350	NP-MW-01
162	257250.25500	2336383.02000	-445.3400	NP-MW-02
163	257422.87000	2336410.81500	-447.3750	NP-MW-03
164	257433.89000	2336413.58500	48.3350	NP-TP-01
165	257481.96000	2336402.11000	49.5400	NP-TP-02
166	257432.58000	2336359.18000	47.5650	NP-TP-03
167	257391.53500	2336338.52000	48.4850	NP-TP-04
168	257347.22000	2336303.69000	48.5400	NP-TP-05
169	257288.58500	2336334.78000	49.3650	NP-TP-06
170	257267.05500	2336274.18000	50.2150	NP-TP-07
171	257242.66500	2336213.23000	53.0500	NP-TP-08
172	257236.42000	2336375.41500	50.5500	NP-TP-09
173	257218.04000	2336318.70000	52.3450	NP-TP-10
174	257197.66000	2336267.74500	53.9450	NP-TP-11
175	257179.53500	2336204.63000	56.4800	NP-TP-12
176	257162.18500	2336341.54000	53.6100	NP-TP-13
177	257141.76500	2336282.37000	55.7400	NP-TP-14
178	257121.28500	2336224.71500	58.6600	NP-TP-15
179	257097.21500	2336165.68000	69.8600	NP-TP-16
180	257073.37500	2336103.93500	73.2000	NP-TP-17
181	257356.46500	2336372.76000	48.1300	NP-TP-18
182	257282.23000	2336370.63500	49.1100	NP-TP-19
183	257191.47000	2336367.46500	52.2650	NP-TP-20
184	257115.71500	2336127.82000	71.5500	NP-TP-21
185	257065.10500	2336150.92500	70.4450	NP-TP-22
186	257103.83000	2336080.55000	73.8600	NP-TP-23
187	257050.87500	2336066.46500	74.9500	NP-TP-24
188	257143.73000	2336198.05000	60.8400	NP-TP-25
189	257162.88000	2336252.46500	56.3700	NP-TP-26
190	257179.09000	2336306.27000	53.9950	NP-TP-27
191	257493.37500	2336411.31000	50.5100	NP-TP-28
192	257310.71000	2336242.90000	50.9800	E/WOODS(NP)
193	257279.53500	2336179.98500	55.0350	E/WOODS(NP)
194	257161.44500	2336164.73500	62.1150	E/WOODS(NP)
195	257044.97000	2335959.60000	78.2400	E/WOODS(NP)
196	257018.67138	2335961.93806	78.7750	E/WOODS(NP)
197	257106.33500	2336254.47000	57.5050	E/WOODS(NP)
198	257149.42500	2336367.71500	50.2850	E/WOODS(NP)TB
199	257164.33000	2336383.40500	52.0600	TB(NP)
200	257223.53500	2336403.03000	49.6050	TB(NP)
201	257252.80500	2336399.78500	48.9900	TB(NP)
202	257320.76000	2336374.79500	48.3100	TB(NP)
203	257454.06000	2336439.39000	48.9800	E/WOODS(NP)TB
204	257108.04000	2336417.27500	38.0000	H2O-STAFF
205	257681.40500	2336420.00500	-423.5250	NP-MW-04
206	257652.21500	2336361.71000	76.0750	CL8'DRTRD(NP)
207	257650.61500	2336419.37000	71.2600	CL8'DRTRD(NP)
208	257624.41500	2336446.19500	66.9400	CL8'DRTRD(NP)
209	257546.46500	2336453.08500	56.6650	CL8'DRTRD(NP)
210	257486.74000	2336427.77500	50.4500	CL8'DRTRD(NP)
250	255777.84000	2338203.64500	63.1150	ECM-SB-01
251	255741.97000	2338362.97000	66.7050	ECM-SB-02
252	255750.66500	2338507.72000	60.7700	ECM-SB-03
253	255464.97500	2338491.21500	57.1700	ECM-SB-04

256	255320.58000	2338371.73500	63.7100	ECM-SB-07
257	255127.48000	2338362.62500	63.5800	ECM-SB-08
258	255104.05000	2338333.27000	64.6300	CL8'DRTRD
259	255292.89000	2338366.55500	63.5700	CL8'DRTRD
260	255403.51000	2338361.25000	63.6200	CL8'DRTRD
261	255618.79000	2338346.06500	65.7350	CL8'DRTRD-ES
262	255627.07500	2338232.75000	64.1650	ES(ECM)
263	255675.66500	2338238.53000	64.6400	CL8'STNDRV
264	255699.77000	2338363.74000	66.6000	CL8'STNDRV
265	255723.69500	2338416.43500	67.0550	CL8'STNDRV
266	255690.44500	2338487.85500	61.1000	CL8'STNDRV
267	255643.70500	2338605.45500	68.5850	CL8'STNDRV
268	255659.16000	2338619.15500	69.2500	CLF
269	255762.44500	2338606.68000	68.7250	CLF
270	255759.99000	2338592.00500	66.5700	CL8'STNDRV
271	255751.80000	2338350.42000	66.1200	BLDNG COR(ECM)
272	255717.90500	2338351.48000	66.4450	BLDNG COR(ECM)
273	255709.89914	2338337.34729	66.2850	BLDNG COR(ECM)
274	255643.79000	2338377.29000	68.1150	TOWER
275	255631.82500	2338386.86000	68.0750	TOWER
276	255629.72000	2338371.70000	68.0550	TOWER
277	255727.63000	2338196.34000	63.5500	CL8'STNDRV
278	255835.03500	2338161.85500	61.8400	CL8'STNDRV
279	255896.69000	2338155.36000	60.9850	E/WDS
280	255684.60500	2338189.01500	63.0050	E/WDS
281	255703.08000	2338245.18500	64.6700	TOWER
282	255713.31500	2338244.94500	64.5500	TOWER
283	255749.71500	2338251.49000	64.9950	BLDNG COR
284	255784.20500	2338249.61500	65.1400	BLDNG COR
285	255800.25500	2338249.35000	64.8800	BLDNG COR
286	255830.16000	2338225.74500	63.8800	TOWER
287	255829.70500	2338211.25000	63.6500	TOWER
300	250436.89000	2336451.14000	40.9300	SA-11-13
301	250636.64500	2336460.51500	45.1550	SA-11-39
302	251136.08500	2336482.46500	48.7950	SA-11-56
303	250530.35000	2337660.59500	50.0400	SA-11-27
304	250330.59000	2337645.77500	43.8600	SA-11-01
305	250429.76000	2336439.30000	41.3250	CL STN RD
306	250399.79000	2336380.58000	42.7300	CL RR TRACK
307	250413.28323	2336450.33920	41.3200	ULTY POLE
308	251180.24000	2336525.32500	50.9950	E/WDS(SA)
309	250949.01500	2336538.69500	52.1400	E/WDS(SA)
310	250841.16000	2336717.07000	58.3450	E/WDS(SA)
311	250794.48000	2336951.06000	43.8800	E/WDS(SA)
312	250572.47500	2336896.08000	40.6000	E/WDS(SA)
313	250595.93000	2336461.78500	43.8200	CL8'DRT RD
314	250608.89000	2336361.41500	44.6000	CL8'DRT RD
315	250601.82500	2336275.85500	44.7500	CL8'DRT RD
316	250279.16862	2337641.35853	44.0150	ULTY POLE28
317	250256.01000	2337681.39000	43.6400	CL-RR-TRACK
318	250400.36000	2337713.32000	46.6750	BLDNG COR(SA)
319	250430.63000	2337717.43000	47.4000	BLDNG COR(SA)
320	250424.68500	2337757.55500	46.6700	BLDNG COR(SA)
321	250402.93500	2337826.69500	45.8200	E/WDS(SA)
322	250448.98500	2337905.32000	45.2850	E/WDS(SA)
323	250538.24500	2337696.21500	50.0750	CL20'ASPH RD
324	250818.79000	2337700.12000	50.8700	CL20'ASPH RD
325	250590.62500	2337806.52000	45.8800	SA-11-57
326	250584.28000	2337906.04000	45.0350	SA-11-55
327	251300.17000	2337838.01500	57.5450	SA-11-64
328	251295.79500	2337934.62000	58.0950	SA-11-72
329	251276.04500	2338232.08000	57.0600	SA-11-86
330	251301.55000	2338186.18000	60.0250	E/WDS(SA)
331	251172.31500	2338183.93500	55.9900	E/WDS(SA)

334	[illegible]	[illegible]	[illegible]	[illegible]
335	251121.05053	2338111.92255	57.5950	ULTY POLE460-5
336	251169.06000	2338053.74000	56.4900	E/STN
337	251059.39024	2337972.76359	54.6700	ULTY POLE460-6
338	250998.63349	2337834.32521	51.9050	ULTY POLE460-7
339	250992.49000	2337735.66000	51.6550	ULTY POLE
340	251003.33500	2337735.72000	51.7550	BLDNG 1SH5(SA)
341	251023.78500	2337737.68500	51.6200	BLDNG 1SH5(SA)
342	251018.09500	2337797.73500	51.8250	BLDNG 1SH5(SA)
343	251250.54000	2337722.21000	54.0300	CL ASPH-X
344	251325.38500	2337941.36500	59.0800	CL12'ASPH RD
400	251654.40000	2333910.34000	48.5450	FC-SB-01
401	251674.00000	2334211.28000	48.4800	FC-SB-02
402	251849.88500	2333904.64000	46.4050	FC-SB-03
403	251868.29500	2334107.12500	46.1600	FC-SB-04
404	251919.45500	2334104.09500	45.5600	FC-SB-05
405	252132.04000	2334089.41500	47.7150	FC-SB-06
406	252032.46500	2334211.05500	45.9800	FC-SB-07
407	251934.11500	2334300.37000	44.5650	FC-SB-08
408	251764.68000	2334114.04500	47.0050	FC-SB-09
409	251947.45500	2333911.94500	47.0100	FC-SB-10
410	252019.98000	2333997.92500	47.2250	FC-SB-11
411	252355.94500	2334078.85000	46.5400	FC-SB-12
412	252249.57000	2334083.46000	48.3400	FC-TW-01
413	252073.22538	2333901.90151	48.5550	FC-TW-07
414	251746.83500	2333812.47500	48.1200	FC-TW-02
415	251411.47500	2334672.10000	46.4850	FC-TW-18
416	252259.59000	2334306.44500	47.3300	FC-TW-17
417	251512.10000	2334505.99500	46.3350	FC-GRID-COR
418	251937.56000	2334349.77000	43.9250	FC-GRID-COR
419	251946.84000	2333796.66000	47.6700	FC-GRID-COR
420	251548.42500	2333817.55500	48.6200	FC-GRID-COR
421	251711.67000	2333945.10500	48.1250	FC-SS-01
422	251850.51500	2333896.86000	46.6350	FC-SS-02
423	251877.09000	2334089.09000	46.0850	FC-SS-03
424	251915.80000	2334059.05500	45.7100	FC-SS-04
425	251924.51500	2334137.32500	45.4150	FC-SS-05
426	251612.60000	2334165.12000	50.8100	FC-SS-06
427	252255.62500	2334199.76000	48.0000	CLO-673-SB-23
428	252250.98000	2334204.42500	48.0850	C.I.CVR
429	252364.32000	2334078.44000	-448.8500	FC-MW-01-S
430	252374.89500	2334076.61000	-448.9550	FC-MW-01-I
431	251913.70500	2334006.43000	-449.3400	FC-MW-02-I
432	251912.98000	2334018.62000	-449.2500	FC-MW-02-S
433	251913.69500	2334200.54000	-450.1700	FC-MW-03-S
434	251946.89000	2334347.81000	-450.9600	FC-MW-04-I
435	251931.30000	2334349.64500	-451.0300	FC-MW-04-S
436	251558.29500	2334007.76000	-445.7800	FC-MW-06-S
437	251510.42500	2334506.81500	-448.8450	FC-MW-05-S
438	251515.22000	2334517.19000	-448.8350	FC-MW-05-I
439	251687.84500	2334279.03000	47.3800	FC-E/WDS
440	251703.74000	2334346.84500	47.1900	FC-E/WDS
441	251643.27500	2334405.91500	47.3800	FC-E/WDS
442	251395.27500	2334651.30000	47.4300	CL-ASPH
443	251493.75000	2334727.34000	46.5250	CL24'CONC
444	251933.10000	2334214.84500	45.3200	CL24'CONC
445	252083.01000	2334204.20000	47.3450	FC-E/CONC
446	252090.74500	2334312.10500	47.7300	FC-E/CONC
447	252190.53500	2334304.79500	47.6100	FC-E/CONC
448	252224.41000	2334262.23500	48.1750	FC-BLDNG COR
449	252199.46500	2334264.00000	47.8950	FC-BLDNG COR
450	252196.52000	2334224.07000	48.0100	FC-BLDNG COR
451	252218.29500	2334179.07000	48.2250	FC-E/CONC
452	252288.01000	2334073.77500	48.3300	FC-E/CONC
453	[illegible]	[illegible]	[illegible]	[illegible]

455	252113.32000	2333993.78500	47.9500	FC-E/CONC
456	252093.03500	2334002.62000	47.7850	FC-E/CONC
457	252039.16000	2333950.19000	47.6400	FC-E/CONC
458	252109.69000	2333885.09500	49.0850	PNT-SHOP
459	252126.06000	2333883.91500	49.6500	PNT-SHOP
460	251922.16500	2333786.18500	48.5750	BLDNG-COR
461	251819.92000	2333793.63500	48.9350	BLDNG-COR
462	251744.58500	2333787.63500	48.1600	BLDNG-COR
463	251700.18500	2333790.87500	48.6200	BLDNG-COR
464	251664.32500	2333843.32000	48.9400	BLDNG-COR
465	251668.07500	2333893.50000	48.7000	BLDNG-COR
466	251588.00000	2333899.44500	48.7850	BLDNG-COR
467	251951.75000	2333784.21500	47.7900	FC-E/CONC
468	251966.14500	2333971.68000	46.8950	FC-E/CONC
469	251952.62953	2333988.15168	47.0400	CONC/BLDNG
470	251942.11000	2334000.23500	46.7800	CONC/BLDNG
471	251926.93500	2333987.19500	46.5150	CONC/BLDNG
472	251917.81500	2334015.62000	46.1100	FC-E/CONC
473	251385.20500	2333802.60500	48.7150	C.I.CVR
474	251371.04436	2333602.88079	48.5950	C.I.CVR
475	251570.06000	2333588.94000	48.6950	C.I.CVR
476	251584.48500	2333788.33000	48.5450	C.I.CVR
477	251588.71500	2333745.71000	48.5450	CLO-617-SB29
478	251587.09500	2333695.81000	49.0250	CLO-617-SB30
479	251462.02500	2333588.32000	48.0150	CLO-617-SB32
480	251363.72500	2333661.16500	48.1650	CLO-617-SB31
481	251461.04500	2333547.47000	47.0550	E/CONC
482	251333.68500	2334771.46500	46.2850	CLO-618-SB18
500	254043.30728	2334160.94100	50.1750	NAILSET
501	254131.00404	2334281.06576	51.3300	CLO-8001-SB22
502	254121.91484	2334301.94127	51.2150	CLO-8001-SB21
503	254107.87791	2334303.32577	51.7150	C.I.CVR
504	254118.72634	2334288.41932	51.7150	C.I.CVR
505	254069.12876	2334339.94157	51.8250	E/CONC
506	253986.52846	2334269.80350	51.3500	E/CONC
507	254058.07820	2334183.12943	49.9300	ASPH
508	253996.81402	2334184.43692	50.7900	BLDNG COR
509	253965.21664	2334157.70105	50.7900	BLDNG COR
550	252983.62500	2332033.62500	55.6100	CLO-611-SB19
551	253403.40000	2332108.54000	57.2600	CLO-613-SB20
552	253390.37500	2332206.36000	57.2950	CLO- -SB
553	253375.09000	2332205.76000	57.2800	C.I.CVR
554	253390.90000	2332203.02500	57.1700	FD-TW-11
555	253003.91000	2332182.69500	57.5350	FD-GRID COR
556	252969.80500	2332370.61500	57.6000	FD-SB-01
557	253077.21500	2332036.78500	-437.0650	FD-MW-03-S
558	253078.32500	2332025.23500	-437.0500	FD-MW-03-I
559	252976.57000	2332037.58500	55.7550	FD-E/CONC
560	253407.98500	2332123.73000	56.7650	FD-E/CONC
561	253433.24500	2332153.39500	57.0550	FD-E/CONC
562	253300.17500	2332126.67000	57.4650	FD-E/CONC
563	253270.77000	2332145.73500	57.0600	FD-E/ASPH
564	253428.79000	2332179.16500	56.4450	FD-E/ASPH
565	253416.32000	2332238.10000	57.6400	FD-E/ASPH
566	253364.51000	2332238.42000	58.2950	BLDNG(TRANSP)
567	253305.60000	2332226.59500	58.3500	BLDNG(TRANSP)
568	253247.59500	2332256.33500	58.7550	BLDNG(TRANSP)
569	253232.43000	2332154.03000	57.4600	FD-E/CONC
570	253160.46514	2332122.24291	58.2750	CLF
571	253094.65822	2332108.81209	58.4650	CLF
572	253058.15141	2332105.71962	57.8300	CLF
573	253019.11054	2332097.97610	57.3550	CLF
574	253019.77500	2332070.73000	57.0850	FD-E/CONC
575	253006.19500	2332033.59500	56.8500	CL-ISLAND

578	253117.48500	2332151.63000	59.4650	BLDNG(F.DPT)
579	253105.86500	2332159.43500	58.6300	BLDNG(F.DPT)
580	253102.49500	2332176.02000	58.6600	BLDNG(F.DPT)
581	253059.66500	2332135.40500	58.0950	FD-E/CONC
582	253050.44000	2332133.45000	58.1200	FD-E/CONC
583	253023.14500	2332276.36500	58.1200	FD-E/CONC
584	252979.79500	2332311.86000	57.5200	FD-E/CONC
585	252999.21806	2332393.24954	58.2050	BLDNG
586	252991.77312	2332432.87007	58.2600	BLDNG
587	252961.88160	2332427.26305	57.8000	BLDNG
588	253050.20500	2332444.65500	58.9000	FD-E/CONC
589	253052.96000	2332395.20000	58.8650	FD-MW-05
590	253053.62000	2332390.35000	58.8850	FD-SB-02
591	253090.59500	2332198.82000	58.6850	FD-SB-04
592	253092.57000	2332200.04500	58.7700	FD-MW-06
593	253180.94000	2332207.60500	-436.1200	FD-MW-04-I
594	253178.95500	2332217.60500	-436.4050	FD-MW-04-S
595	253170.80000	2332212.68000	58.3600	FD-GRID-COR
596	253179.16500	2332163.97500	58.2250	CLF
597	253190.76500	2332203.64500	57.8300	E/ASPH
598	253237.43500	2332306.74000	58.4100	BLDNG(TRANSP)
599	253396.42500	2332338.53000	58.4450	BLDNG(TRANSP)
600	253428.86000	2332329.86000	-426.2800	FD-MW-01-S
601	253424.97000	2332340.97000	-435.6450	FD-MW-01-I
602	253145.45000	2332436.88000	57.7200	E/ASPH
603	253114.76500	2332505.56500	57.2500	FD-GRID-COR
604	253112.04522	2332505.27896	57.6550	CLF
605	253316.24000	2332547.89000	55.9250	FD-TW-07
606	253040.33000	2332498.06000	57.8900	FD-SB-03
607	253005.82500	2332583.83000	55.6950	FD-TW-03
608	253025.25094	2332487.72061	58.1500	CLF
609	253030.82500	2332449.04500	58.4850	CLF
610	252953.16500	2332432.72000	57.5450	CLF
611	252948.17000	2332464.59000	57.8700	FD-GRID-COR
612	252869.49000	2332446.96500	-441.0100	FD-MW-02-I
613	252858.90000	2332444.39000	-440.7150	FD-MW-02-S
700	250700.36000	2331249.12000	56.7950	FT-SS-01
701	250567.67000	2331256.26500	54.2150	FT-SS-02
702	250479.06500	2331160.42000	55.9450	FT-SS-03
703	250585.33500	2331089.68500	57.3000	FT-SS-04
704	250696.25000	2331146.38000	59.3100	FT-SS-05
705	250638.62500	2330888.06000	64.7350	FT-SS-06
706	250736.95500	2331053.43000	61.4650	FT-GRID-COR
707	250756.55000	2331270.20500	59.1100	FT-GRID-COR
708	250509.35000	2331361.03000	52.4350	FT-GRID-COR
709	250476.97500	2331153.11500	56.2800	FT-GRID-COR
710	250749.59000	2331263.24000	58.7400	FT-GPR-COR
711	250880.03500	2331257.99000	61.0050	FT-GPR-COR
712	250869.62000	2331094.10500	62.6150	FT-GPR-COR
713	250738.78500	2331100.25500	61.0900	FT-GPR-COR
714	250542.43000	2331109.34500	56.7700	FT-GPR-COR
715	250530.25500	2330903.06000	61.0600	FT-GPR-COR
716	250596.03000	2330900.47500	61.2850	FT-GPR-COR
717	250671.61000	2330896.75500	61.6450	FT-GPR-COR
718	250668.73500	2330854.55500	63.6500	FT-GPR-COR
719	250593.33500	2330857.58000	60.6250	FT-GPR-COR
720	250527.84000	2330860.47500	61.6200	FT-GPR-COR
721	250516.64421	2330663.56987	63.6500	FT-GPR-COR
722	250843.72500	2330649.20500	65.7800	FT-GPR-COR
723	250740.90000	2331103.17500	60.9600	FT-SB-07
724	250688.66000	2331115.12000	59.4950	FT-SB-02
725	250635.11000	2331076.26500	57.9850	FT-SB-09
726	250573.42500	2331133.74500	56.3650	FT-SB-05
727	250544.63500	2331198.12500	54.9350	FT-SB-06
728	250561.75500	2331202.92500	52.6450	FT-SB-08

730	250690.21000	2330629.68000	66.3050	FT-SB-10
731	250626.50500	2330657.85000	65.2250	FT-SB-04
732	250605.47500	2331241.81000	55.2550	FT-SB-03
733	250724.82500	2330563.11500	63.7050	FT-TW-19
734	250891.23000	2330682.02000	65.7800	FT-TW-16
735	250856.39500	2330836.20000	64.3250	FT-TW-21
736	250372.72000	2331175.37500	63.7350	FT-TW-02
737	250843.68000	2331301.42500	61.4900	FT-TP-01
738	250864.76500	2331210.40000	61.3400	FT-TP-11
739	250835.20500	2331197.32000	60.6800	FT-TP-12
740	250847.59000	2331181.82000	61.4750	FT-TP-13
741	250870.69000	2331116.95000	62.0050	FT-TP-14
742	250850.86000	2331059.59000	62.1200	FT-TP-39
743	250806.02500	2331132.94000	62.4500	FT-TP-41
744	250777.08500	2331163.91000	61.0050	FT-TP-40
745	250782.07500	2331245.60500	59.9950	FT-TP-09
746	250813.13000	2331225.83500	60.6500	FT-TP-10
747	250682.93500	2331274.93500	56.0150	FT-TP-02
748	250575.33500	2331189.10000	55.5800	FT-TP-42
749	250477.59500	2331253.25000	53.8500	FT-TP-03
750	250791.13000	2331012.05000	61.7400	FT-TP-37
751	250734.84500	2331028.43000	62.3550	FT-TP-38
752	250669.63500	2330971.07500	61.3650	FT-TP-35
753	250603.91500	2330975.63500	61.1050	FT-TP-34
754	250632.29000	2330930.99000	60.8950	FT-TP-36
755	250627.78500	2330916.30500	60.9300	FT-TP-31
756	250672.35000	2330920.94500	62.5250	FT-TP-15
757	250565.79000	2330893.01500	61.2250	FT-TP-30
758	250560.79500	2330859.68000	62.0050	FT-TP-33
759	250627.32500	2330847.63000	62.0400	FT-TP-32
760	250685.30500	2330820.52500	66.3900	FT-TP-26
761	250757.96500	2330812.31500	63.6100	FT-TP-25
762	250745.42500	2330755.29000	66.3800	FT-TP-29
763	250715.50500	2330785.50500	64.8300	FT-TP-24
764	250669.29500	2330791.68000	66.9350	FT-TP-27
765	250677.80000	2330763.35000	66.1700	FT-TP-28
766	250619.11000	2330690.45500	65.6950	FT-TP-21
767	250586.05000	2330694.17500	63.9650	FT-TP-20
768	250568.69500	2330679.79000	63.0100	FT-TP-22
769	250714.97000	2330654.17500	65.9650	FT-TP-19
770	250901.25500	2330645.94000	66.8000	FT-TP-17
771	250910.62000	2330668.10000	66.7300	FT-TP-18
772	250945.18500	2330645.56000	67.1550	FT-TP-16
773	250637.51000	2331390.82500	-435.3150	FT-MW-04
774	250492.91500	2331281.95500	-441.9950	FT-MW-02-I
775	250489.30000	2331272.12000	-441.8850	FT-MW-02-S
776	250857.10000	2331032.40000	-433.1050	FT-MW-01-S
777	250855.77000	2331021.32500	-433.1100	FT-MW-01-I
778	250911.12500	2331311.07657	61.5250	FT-E/WDS
779	250634.11500	2331294.35500	55.0050	FT-E/WDS
780	250524.28500	2331359.84000	52.4050	CL10'RD
781	250510.54500	2331265.11500	53.4600	CL10'RD
782	250556.44000	2331202.06000	54.8250	CL10'RD
783	250529.04000	2331164.51000	55.3750	CL10'RD
784	250517.33000	2330995.98000	59.0800	CL8'RD/DRT
785	250571.57500	2331165.12000	57.3850	FT-TRN/CIRCLE
786	250618.02500	2331198.24500	57.3050	FT-TRN/CIRCLE
787	250651.29500	2331151.80500	57.3800	FT-TRN/CIRCLE
788	250603.16500	2331118.71500	57.3250	FT-TRN/CIRCLE
789	250706.44000	2331134.34500	60.1700	FT-ROOF-OVRTNK
790	250709.09000	2331150.11000	60.1750	FT-ROOF-OVRTNK
791	250731.23000	2331146.26000	60.1500	FT-ROOF-OVRTNK
792	250578.15000	2331281.59500	53.8600	FT-FNC STKD
793	250561.79000	2331282.27500	53.5000	FT-FNC STKD
794	250562.62500	2331288.05500	53.4750	FT-FNC STKD

797	250509.58500	2330645.36500	63.7250	CL8'DRT RD
798	250571.65000	2330623.[illegible]	63.9650	CL8'DRT RD
799	250674.87500	2330619.19000	65.7500	CL8'DRT RD
800	250589.18000	2330748.47000	-430.8250	FT-MW-03
801	250821.72871	2330733.81562	62.2950	FT-E/WDS
802	250815.17000	2330490.31000	60.8650	FT-TP-02
803	250852.88500	2330594.57000	63.5950	CL8'DRT RD
804	250957.96500	2330590.36500	64.6500	CL8'DRT RD
805	251025.30000	2330563.95000	66.0550	CL8'DRT RD
806	251048.11500	2330647.07500	64.5300	FT-TP-08
807	251100.23000	2330633.89500	66.6550	FT-TP-07
808	251149.54500	2330687.76500	65.8100	FT-TP-06
809	251184.28477	2330766.96255	66.1850	FT-TP-05
810	251115.59500	2330677.08000	66.1100	FT-E/WDS
811	251139.86500	2330655.86500	67.3250	FT-E/WDS
812	250522.55500	2330760.80500	62.0250	FT-TP-23
813	250101.36000	2331653.11500	-445.3250	FT-MW-05-I
814	250103.97000	2331662.61500	-445.7800	FT-MW-05-S
815	250053.06500	2331261.57500	-433.5100	FT-MW-06-I
816	250055.14000	2331247.44000	-434.4650	FT-MW-06-S
817	249984.88000	2330761.15000	-422.3450	FT-MW-07
850	253980.25000	2332940.31000	55.0550	CLO-703-SB25
851	253936.68500	2333022.50500	54.2500	CLO-703-SB26
852	253974.53000	2333060.60000	54.0600	CLO-703-SB27
853	254007.47000	2333025.87500	54.6700	CLO-703-SB28
854	253995.68000	2333020.24000	54.5950	C.I.CVR
855	253962.61000	2333057.58500	54.3050	C.I.CVR
856	253924.62500	2333024.31500	54.3900	C.I.CVR
857	253978.13000	2332902.16000	55.4800	E/CONC
858	254028.84500	2332940.56000	55.4650	BLDNG
859	254042.31000	2332952.45500	55.3400	BLDNG
860	254034.77000	2332961.02500	55.2800	BLDNG
861	254091.41500	2333022.25000	55.0700	E/CONC
912	257567.86000	2331458.51000		SCM 6-1034MAP
913	257070.96000	2329639.02000		SCM 6-1033MAP

END List

APPENDIX B

SOIL BORING LOG SHEETS

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: NP-mw01
PROJECT NO.: 0206 DATE: 6-23-94 & 6-24-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-13 @	24.	5 / 5			loose	Tan	Fine to med. grained	SM	moist
0858	26.0	5 / 5	17/24		loose		Sand w/ Subrnd. pebbles	SP	0.2 ppm
S-14 @		3 / 4			loose	Tan			moist
0906	28.0	4 / 4	18/24		loose			SM/SP	0.4 ppm
S-15 @		4 / 5			loose	Tan			moist
0910	30.0	4 / 5	20/24		loose		(Clayey Sand lens - 1/2")		0.4 ppm
S-16 @		3 / 3			loose	Tan		SM/SP	moist
0917	32.0	3 / 7	20/24		loose		(Clayey sand lens - 1/2" thick)		0.2 ppm
S-17 @		5 / 5			loose	Tan		SM/SP	moist
0922	34.0	6 / 5	15/24		med. dense		(Clayey sand lens 1/4")		0.2 ppm
S-18 @		6 / 5			med. dense	Tan	Fine grained Sand	SM	moist
0928	36.0	6 / 5	18/24		med dense		w/ trace Subrnd. pebbles		0.2 ppm
S-19 @		5 / 4			loose	Tan			moist
0936	38.0	6 / 9	17/24		med. dense		(Clayey Sand lens 1")	SM/SP	0.2 ppm
S-20 @		3 / 4			loose	Tan			moist
0942	40.0	7 / 7	16/24		med. dense			SM/SP	0.2 ppm
S-21 @	-	5 / 4			loose	Tan			moist to wet
0947	42.0	6 / 6	16/24		med. dense				0.2 ppm
S-22 @		7 / 6		▼ =	med. dense	Tan	Fine grained Sand	SM/SP	Saturated
0954	44.0	6 / 7	19/24		med. Dense		some medium grained		NO OVA
									Auger
								SM	Down
									↓
	49								
S-23 @		3 / 9			med. Dense	Tan	Fine grained Sand	SM	Saturated
1009	51	8 / 11	23/24		M. Dense		Some med. grained Sand		NO OVA

E.O.B.

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING NP-MW01

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: NP-MW01
PROJECT NO.: 0206 DATE: 6-23-94 DRILLER: Aquifer Drilling - TES
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		5 / 15			med. Dense	Brown	Grass/roots Silty Fine grained Sand	SM	Dry
1400	2.0	19 / 22	17/24		Dense		Silty F.G. Sand concrete, glass frags	Fill	NO OVA
S-2 @		11 / 11			med. Dense	Brown	Silty Fine grained	SM	Dry
1404	4.0	29 / 16	7/24		Dense		Sand with Concrete chnk	Fill	NO OVA
S-3 @		3 / 5			loose	Tan	Fine to med. grained Sand		Dry to moist
1413	6.0	4 / 6	13/24		loose		w/trce of Coarse & Subround pebbles	SP	NO OVA
S-4 @		2 / 3			loose	Tan	Fine grained Sand	SM	moist
1422	8.0	4 / 4	18/24		loose	light Tan	F.G. Sand w/ Subrnd pebbles		NO OVA
S-5 @		3 / 4			loose	light Tan	(orange banding)		moist
1425	10.0	4 / 3	14/24		loose				NO OVA
S-6 @		3 / 5			loose	light Tan	Fine grained Sand with	SM/	moist
1434	12.0	2 / 3	16/24		loose		trace med. grained & Subrnd pebbles	SP	NO OVA
S-7 @		5 / 7			med. Dense	light Tan	(pebbly lens)		moist
1441	14.0	8 / 5	17/24		med. Dense			SM/	NO OVA
S-8 @		6 / 10			med. Dense	light Tan		SP	moist
1448	16.0	6 / 12	20/24		med. Dense				NO OVA
S-9 @		3 / 2			loose	light Tan	Fine grained Sand	SM	moist
1454	18.0	2 / 5	24/24		loose	brown Tan	clay lens 1/2" - Thick F. grained Sand - trce med.		NO OVA
S-10 @		4 / 7			med dense	Tan	Fine grained Sand	SM	moist
1501	20.0	6 / 5	14/24		med dense		w/ trace of med. and 1 SR pebbles		NO OVA
S-11 @		8 / 5			med. Dense	Tan			moist
1511	22.0	8 / 5	16/24		med dense				NO OVA
S-12 @		7 / 5			med dense	Tan	medium grained Sand	SP	moist
1515	24.0	8 / 10	16/24		med. dense		with Subround pebbles		NO OVA

REMARKS

2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

BORING NP-MW01

PAGE 1 OF 1

* See Legend on back

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: NP-MW03
PROJECT NO.: 0206 DATE: 6-23-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		2 / 5			loose	Brown	Fine grained Sand with	SM	Dry
1207	2.0	7 / 8	14/24		med. Dense		Subround pebbles		No OVA
S-2 @		7 / 8			med. Dense	Brown	↓		Dry
1214	4.0	10 / 10	12/24		med. dense	Brown	Silty F.G. Sand w/ pebbles	SM	NO OVA
S-3 @		8 / 10			med. dense	Brown	↓		Dry to moist
1221	6.0	14 / 5	12/24		med. dense	Black	Cinders / coal / pebbles	Fill	0.6 ppm
S-4 @		3 / 2			loose	Brown	Fine grained Sand with	SM	moist
1225	8.0	1 / 2	12/24		Very loose		trace of med. & SR pebbles		NO OVA
S-5 @		3 / 7			loose	Brown	↓		moist
1230	10.0	5 / 7	10/24		med. dense		(clay lens)	SM	NO OVA
S-6 @		14 / 3			med dense	Brown	↓		moist to wet
1234	12.0	4 / 14	17/24		med. Dense	Dark Brown	Clayey F.G. Sand w/ pebbs.	SC	1.0 ppm
S-7 @		3 / 5			loose	Brown	↓		wet
1239	14.0	5 / 4	16/24	▼ 14'	loose		↓	SC	NO OVA
S-8 @		8 / 7		=	med. Dense	Brown	↓		Saturated
1249	16.0	9 / 12	23/24		med. dense		↓	SC	NO OVA
									Auger
									down
									↓
	21.								
S-9 @		25 / 19			Dense	Brown	medium grained Sand	SP	Saturated
1304	23.	10 / 36	24/24		Dense		with trace of Coarse Sand		NO OVA
							E.O.B.		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - Mobile Drill B-61

* See Legend on Back

BORING NP-MW03

PAGE 1 OF 1

BORING LOG

HALLIBURTON NL

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: NP-MW02
PROJECT NO.: 0206 DATE: 6-23-94 DRILLER: AOT
ELEVATION: FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA: (Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR RQD FT	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, FT)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		2 3			loose	Brown	Fine grain Sand	SM	Dry
1026	2.0	4 3	14/24		loose	Dark Brown	Fine grain sand w/SR pebbles		NO OVA
S-2 @		3 3			loose	Dark Brown	Clayey Silty F.G. Sand w/ sub-round pebbles	SM	Dry NO OVA
1031	4.0	3 2	4/24		loose	Dark Brown	Clayey F.G. Sand w/ SR pebbles - concrete frag.	SC Fill	moist NO OVA
S-3 @		2 2			loose				
1035	6.0	3 5	4/24		med dense	Dark Brown	Clayey F.G. Sand w/ Asphalt, concrete & wood chuks	SC Fill	moist 7 ppm
S-4 @		10 4			loose				
1040	8.0	4 2	6/24		loose	Dark Brown	Clayey F.G. Sand wood chunks pebbles	SC Fill	moist pinesol odo
S-5 @		1 3			med. dense	Brown	Fine G. Sand w/ pebbs and blue/green chrystalline material	SM Fill	100 ppm
1043	10.0	5 8	8/24		med dense	Dark Brown	Clayey F.G. Sand w/ wood cinders - asphalt chuks Sand & pebbles	SC Fill	moist pinesol o
S-6 @		1 9			Dense	Black			88 ppm
1049	12.0	17 21	17/24		Dense	Dark Brown	Clayey F.G. Sand wood chuks.	SC Fill	moist
S-7 @		16 20			Dense	Black	Coal frags - cinders - pebbles	Fill	8 ppm pinesol odor
1059	14.0	22 24	19/24		very Dense	Black	Coal frags and	Fill	NO OVA
S-8 @		35 20			med. Dense		Fine grain Sand	SM	moist
1106	16.0	15 5	6/24	16.5'	med. Dense	Black	clayey F.G. Sand	SC	wet to Saturated
S-9 @		15 12			med. dense		wood chunks Silty VFG Sand	Fill	200 ppm
1113	18.0	18 9	14/24				Auger down 5'		
	20.0								
	22.0								
	23.0								
S-10 @		3 5			loose	Black	Silty VFG. Sand w/	SM	Saturated
1124	25.0	9 2	23/24		loose		Vegetation strands E.O.B.		5 ppm

REMARKS 8"x24" Splitspoon Sample barrels = 10
3"x24" Splitspoon Sample barrels =
HSA = 25' 140 lb. hammer/30"

NP-MW02
BORING

PAGE 1 OF

* See Legend on Back

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: NP-MW04
PROJECT NO.: 0206 DATE: 6-24-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-13 @		7 / 3			loose	light Brown	Fine grained Sand with	SM	moist
1230	26.	4 / 6	18/24		loose		subround pebbles		NO OVA
S-14 @		4 / 6			loose	light Brown	Fine grained Sand - Trace	SM	moist
1235	28.	4 / 6	18/24		loose		medium - Some SR pebbles		NO OVA
S-15 @		3 / 3			loose	light Brown	↓	SM	moist
1239	30.	4 / 7	14/24		med dense			SP	NO OVA
S-16 @		5 / 4			loose	light Brown			moist
1242	32.	5 / 5	17/24		loose		↓	SM	NO OVA
S-17 @		3 / 5			loose	light Brown	Fine grained Sand		moist
1248	34.	8 / 7	17/24		med dense		trace med. & SR pebbles	SP	NO OVA
S-18 @		3 / 4			loose	light Tan	↓		moist
1254	36.0	9 / 6	17/24		med dense			SP	NO OVA
S-19 @		8 / 7			med. dense	light Tan	↓		wet
1300	38.0	3 / 5	22/24	▼ 38'	loose	light Brown	↓	SP	Saturated NO OVA
									Auger
									Down
									↓
	43								
S-20 @		7 / 6			med dense	light Brown	Fine grained Sand	SP	Saturated
1307	45.	6 / 8	23/24		med dense		trace med. & SR pebbles		NO OVA
							- E.O.B. -		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING NP-MW04

PAGE 2 OF 2

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: NP-MW04
PROJECT NO.: 0206 DATE: 6-24-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		4 / 4			loose	—	-N.A.-	—	NO Recovery
1109	2.0	5 / 8	0/24		med. Dense	—	-N.A.-	—	
S-2 @		12 / 4			med. dense	Tan	Fine to medium grained	SP	Damp
1123	4.0	4 / 6	14/24		med dense		Sand w/ subround pebbles		NO OVA
S-3 @		12 / 4			med. dense	Tan	↓	SP	Damp
1127	6.0	2 / 6	16/24		loose		↓		NO OVA
S-4 @		14 / 3			med. dense	light Tan	Fine grained Sand with	SP	moist
1136	8.0	2 / 6	14/24		loose		trce. med. & Subrnd. pebbs		NO OVA
S-5 @		3 / 4			loose	light Tan	↓	SP	moist
1142	10.0	3 / 4	17/24		loose		↓		NO OVA
S-6 @		10 / 3			med dense	Tan	↓	SP	moist
1146	12.0	3 / 3	16/24		loose		↓		NO OVA
S-7 @		8 / 1			loose	light Tan	Fine to medium grained	SP	moist
1150	14.0	1 / 2	18/24		very loose		Sand w/ Subrnd. pebbles		NO OVA
S-8 @		12 / 9			med dense	Tan	↓	SP	moist
1159	16.0	5 / 8	19/24		med dense		↓		NO OVA
S-9 @	-	2 / 2			loose	Tan	Fine grained Sand	SP	moist
1206	18.0	5 / 7	18/24		med dense	light Brown	trace med. & Sr. pebbles		NO OVA
S-10 @		3 / 4			loose	light Brown	↓	SP	moist
1213	20.0	15 / 6	16/24		med dense		↓ (quartz cobble Frag)		0.2 ppm
S-11 @		3 / 4			loose	light Brown	↓	SP	moist
1218	22.0	5 / 6	17/24		med dense		↓		NO OVA
S-12 @		3 / 4			loose	light Brown	Fine to medium grained	SP	moist
1224	24.0	5 / 9	18/24		med. dense		Sand with Sr pebbles		0.2 ppm

REMARKS
2"x 24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

BORING NP-MW04

PAGE 1 OF ?

* See Legend on Back

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT- MW01-I
PROJECT NO.: 0206 DATE: 7-08-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	1.0								Auger Down
	5.0						SEE Drilling Log FT-MW01-S for lithology from 0 to 30'		
	10.0								
	15.								
	20.			▼ 19.5'					
	25.								

REMARKS
2"x24" Splitspoon sample barrels = 6
HSA = 80' 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FT-MW01-

PAGE 1 OF 4

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT-MW01-S

PROJECT NO.: 0206 DATE: 6-29-94 DRILLER: Aquifer Drilling - Tes

ELEVATION: FIELD GEOLOGIST: PAUL DAVIS

WATER LEVEL DATA:

(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY / SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY/ CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		2 / 2			med. Stiff	Dark Brown	Silty Clay	CL	Dry
1050	2.0	2 / 4	10/24		med. Stiff	Dark Brown	organic Peat material	PT	No OVA
S-2 @		2 / 4			med. Stiff	Dark Brown	↓	PT	Dry to moist
1054	4.0	6 / 12	23/24		med. Dense	orange Brown	Silty Fine grain Sand	SP	No OVA
S-3 @		4 / 6			med. Dense	"	↓		moist
1058	6.0	10 / 12	17/24		med. Dense	Tan	Fine grain Sand some pebbles subround	SP	No OVA
S-4 @		5 / 6			med. Dense	Tan	(1/4"-thick	SP	moist
1102	8.0	5 / 11	17/24		med. Dense		black peat lens)	(PT)	No OVA
S-5 @		5 / 9			med. Dense	Tan	Fine grain Sand	SP	moist
1108	10.0	6 / 9	18/24		med. Dense		No pebbles 1/4"-thick black peat lens	(PT)	0.2 ppm
S-6 @		3 / 4			loose	Tan			moist
1112	12.0	5 / 6	20/24		med. Dense		(No peat)	SP	No OVA
S-7 @		6 / 5			med. Dense	Tan			moist
1116	14.0	7 / 6	18/24		med. Dense		1/2-inch thick peat lens	(PT)	No OVA
S-8 @		10 / 12			med. Dense	Tan		SP	moist
1119	16.0	16 / 16	14/24		Dense		1/4-inch thick peat lens	(PT)	0.4 ppm
S-9 @	-	6 / 6			med. Dense	light Tan		SP	moist - we
1123	18.0	6 / 7	22/24		med. Dense		1/2-inch thick peat lens	(PT)	0.4 ppm
S-10 @		7 / 8			med. Dense	Tan		SP	saturated
1129	20.0	10 / 9	23/24	▼ 19.5	med. Dense		No Peat		No OVA
							Auger Down	SP	
	25.0						↓		
S-11 @		3 / 5				Tan	Fine Grain Sand	SP	Saturated
1139	27.0	4 / 5	23/24				Some medium grains.		No OVA

REMARKS

-EOB-

2"x24" Splitspoon sample barrels = 11

HSA = 27 140 lb hammer / 30"

Drill Rig - mobile Drill B-61

BORING FT-mw01-S

PAGE 1 OF 1

* See Legend on Back

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT- MW01-I
PROJECT NO.: 0206 DATE: 7-08-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-3 @	50	3/3			loose	Brown	Fine to medium sand (1"- thick silt lens)	SP	Saturated
1004	50.	3/4	20/24		loose		Fine grained sand		NO OVA
									Auger
									Down
	55.								
	60								
S-4 @		4/6			loose	Brown	Fine to medium grained	SP	Saturated
1017	62	4/6	17/24		loose		Sand Some Subround pebbles		NO OVA
									Auger
									Down
	65.								
	70								
S-5 @		4/4			loose	Brown	Fine to medium	SP	Saturated
1028	72.	4/3	19/24		loose		grained sand some		NO OVA
							Subround pebbles		Auger
									Down
	75.								

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FT-MW01

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT-MW01-I
PROJECT NO.: 0206 DATE: 7-08-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	26.								Auger
									Down
									↓
	30								
S-1 @		4 / 5			loose	Brown	(1"-thick peat layer) Fine to medium	SP	Saturated
0924	32.	5 / 4	23/24		loose		grained Sand		NO OVA
									Auger
									Down
	35								↓
	40.								↓
S-2 @		1 / 2			Very loose	Brown	Fine to medium	SP	Saturated
0954	42.	2 / 2	18/24		Very loose		grained Sand		NO OVA
									Auger
									Down
	45								↓
	50.								↓

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FT-MW01-

PAGE 2 OF

BORING LOG — HALLIBURTON N

PROJECT: NWIRP- Calverton — BORING NO.: NP-SB01

PROJECT NO.: 0206 — DATE: 4/12/94 — DRILLER: Kestrel

ELEVATION: 53.03 — FIELD GEOLOGIST: Paul Davis

WATER LEVEL DATA: (Date, Time & Conditions)

	SAMPLE NO. & TYPE	DEPTH (m) OR RUN NO.	BLOWS PER 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, m.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	S-1 @		2 / 3			Loose	Brown	Silty Fine Grain Sand	SM	NO OVA
	0845	2.0	3 / 2	1"/24		Loose		" " " "		readings
	S-2 @		3 / 1			Very loose		- N.A. -		No Recovery
	0847	4.0	3 / 7	0"/24		loose		- N.A. -		" "
	S-3 @		2 / 3			loose	Dark Brown	Silty F.G. Sand with	SM	Dry to moist
	0850	6.0	8 / 8	10/24		med. dense		brkn. Concrete frags Some rounded pebbles	Fill	NO OVA
	S-4 @		5 / 7			med. dense	Drk Brn to	Silty F.G. Sand - alot of		moist
2" Spoons	0909	8.0	15 / 8	10/24		med dense	Black	Subrounded pebbles Some brkn. concr. frags	SM Fill	NO OVA.
	S-5 @		2 / 2			Very loose	Black	Silty Very F.G. Sand	SM	moist Sample NP-SB01-0 Duplic. Su
2 Spoon	0915	10.0	3 / 3	18/24		Loose		Bluegreen crystaline material brkn. glass, Concret. & wood Cuts	Fill	NO OVA
	S-6 @		2 / 4			Loose	Black	Same as above		moist
	0921	12.0	2 / 3	1"/24		Loose		" " "	Fill	NO OVA
2" Spoon	S-7 @		8 / 3			med. dense		A wood Chunk		
	0931	14.0	7 / 4	1"/24		med dense	Brown	Silty F.G. Sand - Some round-	SM/	NO OVA
	S-8 @		9 / 9			-	↓	↓ ed pebbles with Cables & wood	Fill	moist 10 ppm OVA
	0938	16.0	5 / 6	14/24		-		" " "		Sample NP-SB01-14
	S-9 @		3 / 5			-	Dark Brown	Silty F.G. Sand rounded pebbles		moist to wet
3" Spoons	0949	18.0	5 / 7	20/24		-	Brown	↓ ↓	SM	10 ppm OVA
	S-10 @		4 / 5		▼	-	Brown	Silty F.G. Sand with	SM	Saturated 5 pp
	1000	20.0	5 / 4	24/24		-		rounded pebbles		Sample NPSB01-18
								— E.O.B. —		

REMARKS: 2"x24" Split Spoon Sample Barrels = 7
3"x24" " " " = 3
HSA = 18' 140 lb. hammer

BORING NPSB0

PAGE 1 OF

* See Legend on Back

BORING LOG

HALLIBURTON NU

PROJECT: NWIRP- Culverton
BORING NO.: NP SB02
PROJECT NO.: 0206
DATE: 4/12/94
DRILLER: Kestrel
ELEVATION: 50.97
FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

	SAMPLE NO. & TYPE	DEPTH (ft) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	S-1 @		2 / 3			Loose	Brown Black	Silty F.G. sand Silty F.G. Sand w/ wood	SM/ Fill	
	1012	2.0	4 / 6	18/24		Loose		Silty F.G. Sand w/ pebbles		NO OVA
	S-2 @		7 / 11			Med. Dense	Brown	Silty F.G. sand w/ pebbles	SM	Dry
	1019	4.0	15 / 18	10/24		Dense		Some brkn. concrete frags	Fill	1.0 ppm OVA
2" Spoons	S-3 @		9 / 3			Med Dense	Dark Brown	Silty F.G. Sand w/ pebbs.	SM/	moist
	1025	6.0	4 / 4	6/24		Loose		Some brkn. Concrete frags	Fill	1.0 ppm OVA
	S-4 @		4 / 3			Loose	Brown	Silty F.G. Sand w/ pebbles	SM/ Fill	moist
	1034	8.0	1 / 5	6/24		Loose		Broken Brick, concrete, wood frags		1.4 ppm
3" Spoon	S-5 @		14 / 5			—	Brown	Silty F.G. Sand w/ pebbles	SM/	moist
	1039	10.0	3 / 3	10/24		—		Some demolition debris	Fill	Sample NP SB02 08
	S-6 @		5 / 3			Loose		wood chunk		
	1045	12.0	8 / 24	1"/24		Dense		" "		
	S-7 @		3 / 3			Loose		— N.A. —		NO Recovery
	1105	14.0	2 / 2	0"/24		Very Loose		— N.A. —		NO Recovery
2" Spoons	S-8 @		1 / 2			Very loose	Black	Sandy Silt with some	SM/ Fill	NO OVA
	1111	16.0	1 / 2	6/24		Very loose		wood chunks & plastic		Burnt odors
	S-9 @		2 / 3			loose	Black	Sandy Silt with some	SM/ Fill	wet
	1120	18.0	4 / 5	8/24		loose		demolition debris		0.4 ppm OVA
3" Spoon	S-10 @		3 / 2		▼	—	Black	Sandy Silt w/ demo. debris	SM/ Fill	Saturated NO OVA
	1128	20.0	2 / 3	8/24		—		wire, brkn. glass & wood		Sample NP-SB02 1820
								— E.O.B. —		

REMARKS 2" x 24" Split spoon Sample barrels : 8
3" x 24" " " " = 2
HSA: 18' 140 lb. hammer

BORING NP SB02

PAGE 1 Of

* See Legend on Back

BORING LOG — HALLIBURTON NU

PROJECT: NWIRP- Calverton — BORING NO.: NP- SB03
PROJECT NO.: 0206 — DATE: 4/12/94 — DRILLER: Kestrel
ELEVATION: 48.66 — FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA: ____
(Date, Time & Conditions) ____

SAMPLE NO & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		4 / 7			med. Dense	Brown / Lt. Brn	Silty F.G. Sand w/ pebbles / Fine grain Sand w/ pebbles	SM	
1147	2.0	11 / 4	14/24		med. Dense	Black	Fine to med. grain Sand some Cinders	SM	NO OVA
S-2 @		4 / 5			loose	Brown	Silty F.G. Sand w/ pebbles	SM/Fill	
1152	4.0	7 / 36	12/24		Dense		Some brkn. brick/conc. frags		NO OVA
S-3 @		3 / 5			loose		Same as above	SM/Fill	
1156	6.0	20 / 23	12/24		Dense	-	" " "		NO OVA
S-4 @		18 / 20			Dense	Black	F.G. Sand with cinders	SM/Fill	
1209	8.0	40 / 50	16/24		Very Dense		Concrete/brick/wood frags	Fill	OVA malfunction
S-5 @		40 / 20			Very Dense	Black	Clay with Sand & rock	CL	
1220	10.0	18 / 22	10/24		Dense		Frags - cinders & wood pcs	Fill	
S-6 @		18 / 18			Dense	Dark Brown	Clayey sand with cinders	CL	moist
1234	12.0	16 / 34	10/24		Dense		woodchips, Concr./brick frags	Fill	
S-7 @		20 / 25					- N.A. -		NO recovery
1246	14.0	18 / 40	0"/24				- N.A. -		NO recovery
S-8 @		1 / 1				Brown	Silty F.G. Sand with	SM	moist
1354	16.0	3 / 3	10/24				rounded pebbles		
S-9 @		5 / 5				Black	Silty F.G. Sand w/ cinders	SM	Sample NPSB03-16
1403	18.0	6 / 6	18/24				Same		wet
S-10 @		7 / 6				light Brown	Fine grain sand with	SM	Saturated
1417	20.0	6 / 8	12/24				rounded pebbles		Sample NPSB03-1
							— E.O.B. —		

2" Spoons

3" Spoons

REMARKS 2" X 24" Splitspoon Sample barrel = 6
3" X 24" " " " = 4
HSA = 38' 140 lb. hammer - hit obstruction in borehole @ 14' - move rig auger down

BORING NPSB0

PAGE 1 OF

* See Legend on Back

BORING LOG

HALLIBURTON NL

PROJECT: NWIRP-Calverton
BORING NO.: NP-SB04
PROJECT NO.: D206
DATE: 4/12/94
DRILLER: Kestrel
ELEVATION: 47.74
FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

	SAMPLE NO. & TYPE	DEPTH (ft) OR RUN NO.	BLOWS/6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	S-1 @		1 / 3			very loose	Brown	Silty F. Gr. Sand	SM	OVA not working
	1431	2.0	5 / 6	14/24		med. dense		with some pebbles		
	S-2 @		3 / 4			loose	Brown	Silty F.G. sand	SM	
	1436	4.0	5 / 5	8/24		loose	Buff	Fine grained Sand		
	S-3 @		10 / 40			Dense	Brown	F.G. sand with Silt	SM	
	1444	6.0	3 / 16	8/24		med. dense		Cinders, wood, conc/brick frags	Fill	
	S-4 @		2 / 3			loose	light Brown	Silty Fine Grain Sand	SM	moist
2" spoons	1453	8.0	4 / 3	8/24		loose		with rounded pebbles		
	S-5 @		3 / 3			loose	light Brn / Drk Brn	same as above Silty F.G. sand		moist
	1500	10.0	5 / 6	12/24		med. dense	Buff	F.G. sand w/ silt	SM	
	S-6 @		5 / 4			loose		Same as above		
	1507	12.0	5 / 5	14/24		loose		" " "		
	S-7 @		2 / 2			very loose	Dark Brn.	Silty sand some cinders	SM/Fill	Sulfur odors Sample NPSB04-12
	1511	14.0	1 / 1	20/24		very loose	light Brn.	Sandy silt		wet
3" spoon	S-8 @		5 / 4		▼	[illegible]	light Brown	Silty sand with	SM	saturated
	1520	16.0	6 / 8	18/24		[illegible]		rounded pebbles		Sample NPSB04-[illegible]
								- E.O.B. -		

REMARKS: 2"x24" Splitspoon Sample barrels = 7
3"x24" " " " = 1
HSA = 14' 140 lb. hammer

BORING NPSB[illegible]

PAGE 1 OF [illegible]

* See Legend on Back

BORING LOG — HALLIBURTON NU

PROJECT: NWIRP-Calverton — BORING NO.: NP SB-05
PROJECT NO.: 0206 — DATE: 4/12/94 — DRILLER: Kestrel
ELEVATION: 48.45 — FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH (ft) OR RUN NO.	BLOWS (6" OR RQD (%))	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		3/10			Med. Dense	Brown	Silty F.G. Sand & pebbles	SM	ovn. malfunctions
1536	2.0	5/5	11/24		loose		cinders, concr. frags & sand	Fill	↓
S-2 @		5/5			loose	Brown	Silty F.G. Sand rounded pebbles	SM	
1540	4.0	4/8	10/24		Med. Dense	Olive Brown	Clayey silt lens	CH	
S-3 @		3/6			loose	Brown	Silty F.G. Sand	SM	
1545	6.0	3/7	8/24		loose		with rounded pebbles		
S-4 @		3/4				Buff	Silty F.G. Sand with	SM	
1554	8.0	6/5	12/24				rounded pebbles		
S-5 @		7/8					Same as	SM	Sample NP SB05-08
1600	10.0	8/7	14/24				above		
S-6 @		5/4				Dark Brown	Silty F.G. Sand with	SM	moist
1610	12.0	4/5	12/24				rounded pebbles		Sample NPSB05-10
S-7 @		5/3					Same as above	SM	
1616	14.0	4/5	18/24				" " "		wet
S-8 @		6/7		▼		Brown	Silty F.G. to med.	SM	Saturated
1620	16.0	8/7	16/24	=			grain sand	PP	Sample NP SB05-14
							— E.O.B. —		

REMARKS: 2" x 24" Splitspoon Sample barrel = 3
3" x 24" " " " = 5
HSA = 14' 140 lb. hammer

BORING NPSB05

PAGE 1 OF 1

* See Legend on Back

BORING LOG — **HALLIBURTON N**

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FT-SB01
PROJECT NO.: 0206 DATE: 4-25-94 DRILLER: Kestrel
ELEVATION: 57.09 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH (ft) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		2 / 3			loose	Brown	Silty Fine grain Sand	SM	moist
0915	2.0	3 / 3	22/24		loose		(has no pebbles)		NO OVA
S-2 @		5 / 3			loose	Orang-Brown	↓	SM	moist
0920	4.0	4 / 10	18/24		med. dense	light Brown	Fine grain Sand ^ trace SR pebbles		NO OVA
S-3 @		8 / 11			—	light Brown	Fine grain Sand with	SP	moist
0926	6.0	13 / 15	23/24		—		no pebbles		0.2 ppm
S-4 @		8 / 8			—	light Brown	↓	SP	moist 0.4 ppm
0934	8.0	9 / 10	20/24		—				FT-SB01 0608
S-5 @		7 / 11			—	light Brown		SP	moist
0944	10.0	11 / 17	18/24		—		↓		0.2 ppm
S-6 @		7 / 8			—	light Brown	Fine to medium grain	SP	moist to wet
0950	12.0	8 / 8	20/24		—		Sand; trace of course & pebbles		0.2 ppm
S-7 @		10 / 8			—	light Brown	↓	SP	moist to wet
0956	14.0	9 / 12	21/24		—		↓		0.2 ppm
S-8 @		5 / 8		▼	—	light Brown	Fine to medium grain	SP	Saturated 10.
1004	16.0	9 / 11	18/24		—		Sand; trace SR pebbles		FT SB01 1416
							— E.O.B. —		

REMARKS 2"x24" Splitspoon Sample barrels = 2
3"x24" Splitspoon Sample barrels = 6
HSA = 14' 140 lb. hammer/30" DF = 16' Soil cuttings

BORING FT-SB01
PAGE 1 of 1

* See Legend on Back

BORING LOG HALLIBURTON N

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FT-SB02
PROJECT NO.: 0206 DATE: 4-25-94 DRILLER: Kestrel
ELEVATION: 59.50 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

	SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	S-1 @		8 / 3			med. dense	Brown	Silty F.G. sand w/ roots	SM	moist
	1025	2.0	4 / 2	22/24		loose	Drk. Brn. Black	Silty Sand Fine grain-silty sand		3.0 ppm OV
2"	S-2 @		6 / 8			med dense	Black	Silty Fine grain Sand NO pebbles	SM	moist 10.p
	1030	4.0	9 / 9	20/24		med. dense	Brown	Fine grain sand w/ silt		FT SB02 0204
	S-3 @		3 / 4			—	Brown	F.G. Sand w/ some Silt	SM	moist
	1037	6.0	4 / 5	23/24		—	light Brown	Fine grain sand (no pebbles)	SP	0.8 ppm OVA
	S-4 @		3 / 4			—	light Brown			moist
	1042	8.0	3 / 5	18/24		—			SP	0.2 ppm OVA
3"	S-5 @		3 / 4			—	light Brown			moist
	1046	10.0	5 / 6	19/24		—		(with yellow-brown banding)	SP	0.2 ppm
	S-6 @		4 / 6			—	light Brown			moist
	1053	12.0	5 / 7	20/24		—			SP	0.2 ppm OVA
	S-7 @		5 / 8			—	light Brown	Fine grain sand with	SP	moist to wet
	1058	14.0	9 / 9	21/24		—		trace of subround pebbles		1.6 ppm OVA
	S-8 @		6 / 7			—	light Brown	Fine grain sand - trace	SP	moist to wet
	1103	16.0	8 / 9	22/24		—		med. grain & SR pebbles		0.4 ppm
	S-9 @		8 / 9			—	light Brown	Fine to medium	SP	saturated 0.4 pp
	1110	18.0	8 / 10	22/24		—		grain sand		FT-SB02 1618
								— E.O.B. —		

REMARKS 2"x24" Splitspoon sample barrels = 2
3"x24" Splitspoon sample barrels = 7
HSA = 16' 140 lb. hammer/30" BF 18' soil cuttings

BORING FT-SB02

PAGE 1 OF

* See Legend on Back

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP - CALVERTON CTO - 138 BORING NO.: FT-SB03
PROJECT NO.: 0206 DATE: 4-25-94 DRILLER: Kestrel
ELEVATION: 55.26 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT. OR RUN NO.	BLOWS 6" OR RQD %	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		3 / 5			–	Dk. Brn	Silty F.G. Sand w/ organics roots/	SM	moist
1130	2.0	6 / 7	24/24		–	Brown	Silty F.G. Sand w/ SR pebbles		NO OVA
S-2 @		8 / 9			–	Black	Silty Fine grain Sand	SM	Strong kerosene/diesel odors; Blk stain
1135	4.0	13 / 12	22/24		–	Brown	Silty Fine grain Sand	SM	40. ppm moist FTSB030204
S-3 @		5 / 7			–	light Brown	Fine grain Sand	SP	moist 40. ppm
1143	6.0	7 / 6	20/24		–		with NO pebbles		No Stains Kero./diesel odors
S-4 @		6 / 9			–	light Brown		SP	moist 60. ppm
1147	8.0	9 / 11	4/24		–				petroleum odors
S-5 @		7 / 6			–	light Brown		SP	Petrol. odor moist 72. ppm
1153	10.0	6 / 6	20/24		–				FTSB030810
S-6 @		3 / 3			–	light Brown	Fine grain Sand with	SP	moist
1200	12.0	4 / 6	18/24		–		trace SR. pebbles		70. ppm
S-7 @		5 / 5			–	light Brown		SP	Saturated 96. ppm
1206	14.0	6 / 10	20/24		–				FTSB031214 ms/msd
							– E.O.B. –		

REMARKS 3"x24" Splitspoon sample barrels = 0
3"x24" Splitspoon Sample barrels = 7
HSA = 12' 140 lb. hammer/30" BF: 14' Soil cuttings

BORING FTSB03

PAGE 1 OF

* See Legend on Back

BORING LOG HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FT-SB04
PROJECT NO.: 0206 DATE: 4-25-94 DRILLER: Kestrel
ELEVATION: 65.22 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

	SAMPLE NO & TYPE	DEPTH (ft) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	S-1 @		2 / 6			loose	light Brown Dk. Brn	Silty F.G. sand F.G. Sand - Some silt	SM	Dry
	1241	2.0	9 / 10	22/24		med dense	Brown	F.G. Sand some silt & SR pebbles		NO OVA
	S-2 @		6 / 4			med dense	Brown	Fine to med. grain Sand	SP	Dry to moist
	1245	4.0	9 / 15	16/24		med dense		w/many Subround pebbles		0.2 ppm
	S-3 @		3 / 4			loose	light Brn.	Fine to med. grain	SP	moist
2"	1251	6.0	6 / 10	16/24		med dense		Sand w/some SR pebbles		NO OVA
	S-4 @		4 / 6			med dense	light Brn.	Fine to medium	SP	moist
	1300	8.0	6 / 8	18/24		med dense		grain Sand - NO pebbles		NO OVA
	S-5 @		2 / 5			loose	light Brn.		SP	moist
	1304	10.0	7 / 8	18/24		med dense				0.2 ppm
	S-6 @		3 / 5			loose	light Brn.	Fine grain Sand - trace	SP	moist
	1310	12.0	7 / 9	18/24		med dense		med. grain (Yellow-brown banding)		0.6 ppm
	S-7 @		5 / 11			—	light brn.		SP	moist 12. ppm
	1316	14.0	11 / 10	18/24		—				FTSB04 1214
	S-8 @		6 / 10			—	light Brn.	Fine grain sand - NO	SP	moist
	1323	16.0	9 / 8	19/24		—		pebbles (Brown Banding)		0.4 ppm
	S-9 @		13 / 17			—	light Brown	Fine grain sand - trace (brn. bands)	SP	moist
3"	1333	18.0	14 / 22	20/24		—		of med. grain & SR pebbles		2.4 ppm
	S-10 @		12 / 13			—	light Brn.		SP	moist to wet
	1343	20.0	12 / 13	23/24		—				0.4 ppm
	S-11 @		4 / 4			—	light Brown	Fine to med. grain	SP	moist to wet
	1349	22.0	11 / 10	22/24		—		Sand - trace SR pebbles		0.2 ppm
	S-12 @		9 / 14			—	light Brown	Fine to medium grain	SP	Saturated 0.2 ppm
	1400	24.0	24 / 28	24/24	▼	—		Sand - trace SR pebbles		FTSB04 2224
								— E.O.B. —		

REMARKS 8"x24" Split spoon sample barrels = 6
3"x24" Split spoon Sample barrels = 6
HSA = 22' 140 lb. hammer/30" BF 24' Soil cuttings

BORING FTSB04 2224

PAGE 1 OF 1

* See Legend on Back

BORING LOG

HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FT-SB05
PROJECT NO.: 0206 DATE: 4-25-94 DRILLER: Kestrel
ELEVATION: 56.37 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		6 / 5			med dense	Brown	Fine grain Sand w/silt	SM	Dry to moist
1503	2.0	4 / 4	16/24		loose		↓		NO OVA
2" S-2 @		5 / 6			med dense	Brown	↓		moist
1506	4.0	9 / 14	14/24		med dense	Black	Construc. Demol. debris, brkn brick/concrete, metal, wood	fill	34. ppm Strong petro. odor
S-3 @		16 / 12			—	Black	Fine grain Sand Some	SP	moist 180. ppm
1509	6.0	16 / 22	18/24		—		demolision debris.	fill	Very strong petrol. odor FTSB05 0406
S-4 @		4 / 5			—	Brown	Fine grained sand	SM SP	moist
1515	8.0	4 / 5	20/24		—		with silt		42 ppm
S-5 @		7 / 14			—	Brown	↓		moist
1524	10.0	14 / 17	14/24		—		(subround pebble lens)		5. ppm
3" S-6 @		4 / 6			—	Brown	Fine grain Sand - trace	SP	moist
1532	12.0	10 / 14	17/24		—		of SR pebbles		0.8 ppm
S-7 @		9 / 9			—	Brown	↓	SP	wet
1537	14.0	10 / 15	23/24		—	light Brown	medium grain Sand		2.0 ppm
S-8 @		6 / 9			—	light Brown	↓	SP	saturated 0.2 ppm
1543	16.0	7 / 7	20/24		—		↓		FT-SB05 1416
							— E.O.B. —		

REMARKS 8"x24" Splitspoon Sample barrels = 2
3"x24" Splitspoon Sample barrels = 6
HSA = 14' 140 lb. hammer/30" BF = 16' Soil cuttings

FT-SB05
BORING

PAGE 1 OF

* See Legend on Back

BORING LOG HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO-13B BORING NO.: FT-SB06
PROJECT NO.: 0206 DATE: 4-25-94 DRILLER: Kestrel
ELEVATION: FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA (Date, Time & Conditions):

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR RQD %	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		15/15			–	Brown	Silty Fine grained Sand	SM	petrol. odors oily
1600	2.0	14/14	20/24		–	Dark Brown	↓		140 ppm
S-2 @		6/12			–			SM	moist 1000+ ppm petrol. odor
1604	4.0	12/13	18/24		–		↓	SM	FTSB060204
S-3 @		11/11			–	light Brown	Fine grained Sand	SP	moist - petrol. odor
1609	6.0	10/11	24/24		–		↓		90. ppm
S-4 @		6/6			–	light Brown	Fine grained Sand with	SP	moist petrol. odor
1615	8.0	9/7	22/24		–		no pebbles		30. ppm
3" S-5 @		9/7			–	light Brown	Fine grained Sand-trace	SP	moist
1620	10.0	6/8	22/24		–		med. gr. - no pebbles		40. ppm
S-6 @		7/6			–	light Brn.	↓	SP	moist to wet
1628	12.0	6/9	21/24		–		↓		98. ppm
S-7 @		4/5		▼	–	light Brn.	↓	SP	Saturated 100. ppm
1634	14.0	6/6	21/24		–		↓		FTSB061214
							– E.O.B. –		

REMARKS 8"x24" Splitspoon sample barrels = 0
3"x24" Splitspoon Sample barrels = 7
HSA = 12' 140 lb. hammer/30" BF = 14' Soil cuttings

BORING FTSB06
PAGE 1 OF 1

* See Legend on Back

BORING LOG

HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FT-SB07
PROJECT NO.: 0206 DATE: 4-26-94 DRILLER: Kestrel
ELEVATION: 60.96 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH (ft) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		2 / 2			loose	Dark Brown	Organic - clayey material (peat moss)	PT	moist
2" 0808	2.0	2 / 2	17/24		loose		w/ roots - trace sand.		0.2 ppm
S-2 @		2 / 2			–	Dark Brown	Silty Fine grained Sand	SM	strong chem & petrol. od. moist - 100. ppm
0814	4.0	10 / 12	24/24		–		Some org. mtrl. - wood sticks		FTSB07-0204
S-3 @		8 / 11			–	Brown	Silty F.G. Sand with	SM	moist
0819	6.0	11 / 13	22/24		–		Some Subrnd. pebbles		18. ppm OVA
S-4 @		4 / 7			–	Brown	Fine grained Sand	SP	moist
0826	8.0	7 / 7	19/24		–		Some silt - NO pebbles		2.0 ppm
S-5 @		3 / 5			–	Brown	Fine grained Sand NO pebbles	SP	moist
0834	10.0	6 / 8	20/24		–	light Brown	(yellow-brn. banding)		0.6 ppm
3" S-6 @		3 / 7			–	light Brn.	F.G. Sand some med.	SP	moist
0841	12.0	7 / 9	22/24		–		grained - NO pebbles		0.6 ppm
S-7 @		3 / 5			–	light Brn.	↓	SP	moist
0846	14.0	6 / 8	22/24		–		↓		0.4 ppm
S-8 @		5 / 15			–	light Brown	(Brn. & orange banding) F.G. Sand trace of med. gr.	SP	moist
0853	16.0	10 / 14	21/24		–		and trace SR pebbles		0.6 ppm
S-9 @		11 / 12			–	light Brown	Fine to medium grained	SP	moist to wet
0859	18.0	11 / 13	23/24		–		Sand - NO pebbles		0.4 ppm
S-10 @		5 / 10		▼	–	light Brn.	↓	SP	Saturated 0.4 ppm
0906	20.0	10 / 11	21/24		–		↓		FTSB071820
							– E.O.B. –		

REMARKS 8"x24" Split spoon sample barrels = 1
3"x24" Split spoon sample barrels = 9
HSA = 18' 140 lb. hammer/30" BF: 20' Soil cuttings

BORING FT-SB07

PAGE 1 OF

* See Legend on Back

BORING LOG HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FT-SB08
PROJECT NO.: 0206 DATE: 4-26-94 DRILLER: Kestrel
ELEVATION: FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		2 / 7			—	light Brn.	Silty F.G. Sand - roots	SM	Dry to moist
0931	2.0	7 / 7	24/24		—	Drk. brn / Dk. brn	clayey silt lens / Silty F.G. Sand	or SM	0.8 ppm
S-2 @		6 / 7			—	Orange Brown	Silty F.G. Sand w/	SM	moist
0936	4.0	7 / 7	22/24		—		trace of SR pebbles		2.6 ppm
S-3 @		5 / 6			—	orange Brown	(SR pebbly lens)		moist
0941	6.0	5 / 6	18/24		—	light Brn.	F.G. Sand some silt	SP	3.6 ppm
S-4 @		3 / 5			—	light Brn.			moist
0947	8.0	6 / 6	18/24		—		(trace SR pebbles)	SP	3.4 ppm
S-5 @		3 / 4			—	light Brown			wet
0952	10.0	5 / 6	20/24		—			SP	6.4 ppm FTSB080810
S-6 @		1 / 3		▼	—	light Brown			Saturated Strng. ke sere odor
0959	12.0	3 / 4	21/24		—			SP	64 ppm Slick/orl
							-E.O.B.-		FTSB081012 dupli

3"

REMARKS 8"x24" Splitspoon sample barrels = 0
3"x24" Splitspoon Sample barrels = 6
HSA = 10' 140 lb. hammer/30" BF = 12' soil cuts

BORING FTSB08

PAGE 1 OF 1

* See Legend on Back

BORING LOG — **HALLIBURTON NU**

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FT-SB09
PROJECT NO.: 0206 DATE: 5/25/94 & 6/14/94 DRILLER: Kestrel
ELEVATION: 57.99 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

	Sample No. & Type	Depth (ft.) or Run No.	Blows 6" or RQD (%)	Sample Recovery Sample Length	Lithology Change (Depth, ft.)	Soil Density Consistency or Rock Hardness	Color	Material Classification	Rock Br. or USCS	Remarks
	S-1 @		2 / 3			loose	Black	Clayey Sand	SC	moist
	0918	2.0	2 / 3	23/24		loose		↓		0.2 ppm
	S-2 @		5 / 5			loose	Black	↓	SC	moist
2"	0935	4.0	5 / 5	20/24		med dense	Brown	Silty Fine grain Sand	SP	0.2 ppm
5-25-94	S-3 @		5 / 4			loose	Brown	↓		moist
	0945	6.0	4 / 6	20/24		loose	Brown	Silty F.G. Sand with subround pebbles	SP	NO OVA
	S-4 @		5 / 5			loose	Brown	Silty F.G. Sand with		moist
	0950	8.0	5 / 5	16/24		loose		No pebbles - Trace medium grain Sand	SP	NO OVA
	S-5 @		4 / 6			med dense	Tan	Fine Grain Sand w/trace		moist
	1235	10.0	8 / 9	16/24		med dense		med. gr. and Subrnd. pebbles	SP	NO OVA
	S-6 @		7 / 7			med dense	TAN	↓		moist
3"	1242	12.0	7 / 8	18/24		med dense		↓	SP	0.2 ppm
	S-7 @		7 / 7			med dense	TAN	↓		moist - Chemical odor - olive green st
6-14-94	1250	14.0	7 / 8	20/24		med dense		↓	SP	FTSB091214 2.2 ppm
	S-8 @		4 / 6			loose	TAN	↓		olive green wet color stain
	1257	16.0	7 / 6	21/24	▼	med dense		↓	SP	FTSB091416 Saturated 0.2 pp
								— E.O.B. —		

REMARKS 1"x24" Splitspoon Sample barrels = 4
3"x24" Splitspoon Sample barrels = 4
HSA = 14" 140 lb. hammer/30"
Backfill - cuttings = 16'

BORING FTSB01
PAGE 1 OF

* See Legend on Back

NOTE: 140 lb. hammer broke 5-25-94 @ 8' bgs. This boring was then finished and completed on 6-14-94.

BORING LOG — **HALLIBURTON NU**

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FT-SB 10
PROJECT NO.: 0206 DATE: 6-14-94 DRILLER: Kestrel
ELEVATION: 66.31 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR RQD FT	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		2 / 2			loose	Brown Tan	Silty Fine grain Sand / Fine grain Sand	SP	Dry
0807	2.0	2 / 2	20/24		loose	Brown	Clayey Fine grained Sand	SC	NO OVA
S-2 @		2 / 2			loose	Brown	Clayey Fine grained Sand	SC	Dry to slightly moist
0811	4.0	10 / 10	10/24		med dense		with Subrnd pebbs: weathered Concrete frag.		NO OVA
S-3 @		1 / 1			very loose	Black	Sandy Clay	SC	moist
0821	6.0	2 / 3	14/24		med stiff	Black			NO OVA
S-4 @		1 / 4			med stiff	Black		SC	moist
0828	8.0	7 / 5	20/24		med dense	Yellowish orange Brown	Silty Fine grained Sand	SP	NO OVA
S-5 @		4 / 4			loose				moist
0835	10.0	4 / 3	20/24		loose	light TAN	Fine Grained Sand	SP	2.0 ppm
S-6 @		2 / 3			loose	TAN			moist
0841	12.0	4 / 3	20/24		loose			SP	2.0 ppm
S-7 @		5 / 5			loose	TAN			moist
0850	14.0	6 / 6	20/24		med dense			SP	NO OVA
S-8 @		4 / 5			loose	TAN			moist
0855	16.0	6 / 7	22/24		med dense			SP	NO OVA
S-9 @		10 / 10			med dense	TAN	Fine Grained Sand with		moist
0908	18.0	10 / 11	24/24		med dense		Some medium gra. Sand		NO OVA
S-10 @		9 / 10			med dense	TAN		SP	moist
0915	20.0	10 / 12	23/24		med dense				4 ppm
S-11 @		6 / 9			med dense	TAN		SP	moist to wet
0924	22.0	10 / 12	24/24		med dense				FTSB102022 D 4ppm
S-12 @		6 / 9		▼	med. dense	TAN		SP	Saturated 0.2
0935	24.0	11 / 9	21/24		med dense				FTSB102224
							— E.O.B. —		

2"

3"

REMARKS 8"x24" Splitspoon Sample barrels = 5
3"x24" Splitspoon Sample barrels = 7
HSA = 22' 140-lb hammer/30"
BF-Cuttings = 24'

BORING FT-SB

PAGE 1 OF 1

* See Legend on Back

BORING LOG — HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FD-SB01
PROJECT NO.: 0206 DATE: 4-27-94 DRILLER: Kestrel
ELEVATION: FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA: (Date, Time & Conditions)

	SAMPLE NO & TYPE	DEPTH FT. OR RUN NO.	BLOWS 6" OR RQD %	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION Asphalt cover	ROCK BR. OR USCS	REMARKS
	S-1 @		6/6			med. dense	Black	Asphalt & crushed stone		moist
	1209	2.0	6/6	23/24		med. dense	orange Brown	Silty F.G. sand many SR. pebbles	SM	0.2 ppm
	S-2 @		6/7			med. dense	orange Brn	↓		moist
2"	1215	4.0	10/12	17/24		med. dense	light Brown	F.G. sand w/ trace SR pebbles	SP	NO OVA
	S-3 @		2/3			loose	light Brn.	Fine grained sand with	SP	Dry
	1219	6.0	3/7	15/24		loose		no pebbles		NO OVA
	S-4 @		3/5			loose	light Brown		SP	Dry
	1224	8.0	7/9	15/24		med. dense				NO OVA
	S-5 @		9/9			–	light Brn.		SP	Dry
	1230	10.0	11/10	22/24		–				NO OVA
	S-6 @		3/6			–	light Brn.		SP	Dry to moist
	1235	12.0	7/9	24/24		–				NO OVA
3"	S-7 @		6/9			–	light Brn.	Fine grained sand with	SP	wet NO OVA
	1241	14.0	12/13	23/24		–		trace of SR. pebbles		FDSB01 1214
	S-8 @		4/10		▼	–	light Brn.			Saturated - NO OVA
	1246	16.0	10/17	23/24		–		Fine to Med. grained sand	SP	FDSB01 1416
								- E.O.B. -		

REMARKS 8"x24" Splitspoon sample barrels = 4
3"x24" Splitspoon Sample barrels = 4
HSA = 14' 140 lb. hammer/30"
Boring Backfill = grout 16'

* See Legend on Back

BORING FD-SB01

PAGE 1 OF

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP - CALVERTON CTO - 13B — BORING NO.: FD - SB02
PROJECT NO.: 0206 — DATE: 4-27-94 — DRILLER: Kestrel
ELEVATION: 58.89 — FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA: ____
(Date, Time & Conditions) ____

SAMPLE NO & TYPE	DEPTH (ft) OR RUN NO.	BLOWS PER 100 (ft)	SAMPLE RECOVERY / SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	1.0				–		Concrete / crushed stone		Auger Thru.
S-1 @		7 / 7			Med Dense	Orange Brown	Silty Fine grain sand	SM	Dry to moist
1344	3.0	10 / 9	18/24		Med. Dense		w/ Subround pebbles		1.2 ppm
S-2 @		5 / 6			Med Dense	light Brown	Fine grain sand	SP	moist
1349	5.0	7 / 8	17/24		Med Dense		with no pebbles		0.4 ppm
S-3 @		4 / 6			Med Dense	light Brown	↓	SP	moist 14. ppm
1354	7.0	7 / 9	18/24		Med. Dense		↓		FDSB020507
S-4 @		5 / 8			–	light Brown	↓	SP	moist
1359	9.0	7 / 10	22/24		–		↓		No OVA
S-5 @		4 / 5			–	light Brown	Fine to med. grain	SP	moist
1405	11.0	7 / 10	22/24		–		Sand - no pebbles		No OVA
S-6 @		5 / 9			–	light Brown	↓	SP	moist
1411	13.0	10 / 11	24/24		–		↓		0.6 ppm
S-7 @		4 / 5			–	light Brown	↓	SP	moist to wet
1417	15.0	10 / 9	24/24		–		↓		No OVA
S-8 @		4 / 5		▼	–	light Brn.	↓	SP	Saturated 0.2 ppm
1422	18.0	4 / 6	24/24		–		med grain sand w/ sm pebbles	SP	FDSB021517
							– E.O.B. –		

REMARKS 8"x24" Split spoon sample barrels = 3
3"x24" Split spoon sample barrels = 5
HSA = 15' 140 lb. hammer / 30"
Boring Backfill = 17' grout

* See Legend on Back

FD-SB02 BORING

PAGE 1 OF 1

BORING LOG — **HALLIBURTO.**

PROJECT: NWIRP - CALVERTON CTO-13B — BORING NO.: FD-SB03
PROJECT NO.: 0206 — DATE: 4-27-94 — DRILLER: Kestrel
ELEVATION: 57.89 — FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA: (Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH (ft) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY / SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		1 / 1			Very loose	Dric Brn	Fine grain Sand w/ org. mtr. (roots)		Dry
1533	2.0	4 / 4	22/24		loose	Lite Brn or. Brn	FG sand lens Silty F.G. Sand	SM	No OVA
S-2 @		4 / 5			loose	or. Brn	Fine to med grain Sand	SP	moist
1536	4.0	8 / 9	18/24		med dense		w/ many SR pebbles		2.6 ppm
S-3 @		7 / 7			–	light Brn.	F. to med. grain Sand	SP	moist
1542	6.0	8 / 9	24/24		–		w/ some SR pebbles		NO OVA
S-4 @		2 / 4			–	light Brn	↓	SP	moist
1550	8.0	11 / 14	20/24		–		↓		0.4 ppm
S-5 @		2 / 4			–	light Brn	F. to med. grain	SP	moist
1555	10.0	11 / 12	23/24		–		Sand free SR pebbs.		0.2 ppm
S-6 @		4 / 5			–	light Brn	F. to med. grain	SP	moist
1600	12.0	7 / 7	20/24		–		Sand No pebbs.		0.2 ppm
S-7 @		4 / 5			–	light Brn.	↓	SP	moist
1609	14.0	6 / 9	18/24		–				FDSB031214 0.8 ppm
S-8 @		4 / 2		▼	–	light Brn	↓	SP	Saturated Petro! odor
1617	16.0	4 / 4	19/24		–		↓		FDSB031416 96 ppm Dup.
							E.O.B.		

REMARKS 2"x24" Splitspoon Sample barrels = 2
3"x24" Splitspoon Sample barrels = 6
HSA = 14' 140 lb. hammer/30"
BF = 16' Soil cuts

FD-SB03
BORING

PAGE 1 OF 1

* See Legend on back

BORING LOG — **HALLIBURTON NU**

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FD-SB04
PROJECT NO.: 0206 DATE: 5-25-94 DRILLER: Kestrel
ELEVATION: 58.69 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH (ft) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY / SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	1.0						Concrete		Auger thru
S-1 @		6 / 6			med dense	Brown	Fine to med. grain Sand SP pebble	SP	0.4 ppm
0743	3.0	7 / 7	18/24		med dense	Dk Brn / lt Brn	clayey Sand / Fine grain Sand	SC / SP	moist
S-2 @		7 / 7			med dense	light Brn	Fine grain Sand trace SP pebbles	SP	moist
0748	5.0	8 / 14	18/24		med dense		with brown banding		1.4 ppm
S-3 @		2 / 2			loose	light Brown	Fine grain Sand trace	SP	moist
0754	7.0	2 / 2	16/24		loose		med. grain - Brown bands trace pebbles		0.2 ppm
S-4 @		1 / 2			very loose	light Brown		SP	moist
0759	9.0	2 / 2	17/24		loose				1.6 ppm
S-5 @		5 / 9			–	light Brown		SP	moist
0807	11.0	10 / 13	22/24		–				0.6 ppm
S-6 @		13 / 15			–	light Brn.	Fine grain Sand with	SP	moist
0815	13.0	15 / 13	23/24		–	(Buff)	no pebbles		4.0 ppm
S-7 @		5 / 8			–	light Brown	Fine grain Sand trace	SP	moist 20. ppm
0825	15.0	14 / 11	23/24		–		med. grain Sand		FDSB041315
S-8 @		5 / 9			–			SP	Saturated petrol. odors
0831	17.0	10 / 10	23/24		–				FDSB041517 100. ppm
							– E.O.B. –		

REMARKS 8"x24" Splitspoon Sample barrels = 4
3"x24" Splitspoon Sample barrels = 4
HSA = 15' 140-lb. hammer / 30"

BORING FD-SB0

PAGE 1 OF 1

* See Legend on Back

BORING LOG

HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FC-SB01
PROJECT NO.: 0206 DATE: 4-26-94 DRILLER: Kestrel
ELEVATION: 48.55 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR RQD FT	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1		3/6			loose	Dk Brn.	Top soil - grass/roots		Dry
2" 1256	2.0	8/8	23/24		med. dense	orange Brn.	Silty Fine grained Sand	SM	No OVA
S-2		3/7			–	orange Brown	Silty Fine grained	SM	moist
1300	4.0	7/9	24/24		–		Sand - Some SR pebbles		NO OVA
S-3		6/8			–	Brown	Fine to medium gr-	SP	Very moist
3" 1305	6.0	12/30	18/24		–		ained Sand Some SR pebs Coarse Sand		0.4 ppm
S-4		13/13			–	Brown	medium to Coarse grain	SP	moist to wet
1311	8.0	22/29	18/24		–		Sand - many SR pebbles		0.8 ppm FCSB010608
S-5		6/11		▼	–	Brn.	Same as above	SP	Saturated 0.2
1318	10.0	12/13	22/24		–		Fine to med. Sand only	SP	FCSB010810
							– E.O.B. –		

REMARKS 8"x24" Splitspoon Sample barrels = 1
3"x24" Splitspoon Sample barrels = 4
HSA = 8' 140 lb. hammer/30" Boring Backfill: Soil cuttings = 10'

FC-SB01
BORING

PAGE 1 OF

* See Legend on Back

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FC-SB02
PROJECT NO.: 0206 DATE: 4-26-94 DRILLER: Kestrel
ELEVATION: 48.48 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY / SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft)	MATERIAL DESCRIPTION* SOIL DENSITY - CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		4 / 3			loose	Dk Brn	Top soil - grass/roots		Dry to moist
2" 1338	2.0	4 / 4	22/24		loose	Orange Brn.	Silty Finegrain Sand	SM	NO OVA
S-2 @		3 / 6			—	Brown	Silty Finegrain Sand	SM	moist
1343	4.0	9 / 10	22/24		—		with some SR pebbles		0.2 ppm
3" S-3 @		6 / 9			—	light Brown	Silty Finegrain Sand	SM	moist 0.2 ppm
1347	6.0	6 / 10	21/24		—		↓		FCSB02 0406
S-4 @		6 / 9			—	light Brown	Fine to medium grain	SP	moist to wet
1354	8.0	15 / 15	22/24		—		Sand - trace SR pebbles		0.2 ppm
S-5 @		4 / 10		▼	—		↓	SP	Saturated 0.2 ppm
1400	10.0	13 / 18	20/24		—		↓		FCSB02 0810
							— E.O.B. —		

REMARKS 8"x24" Splitspoon sample barrels = 1
3"x24" Splitspoon sample barrels = 4
HSA = 8' 140 lb. hammer / 30"
Boring Backfill Soil cuttings = 10'

* See Legend on Back

BORING FC-SB02

PAGE 1 OF 1

BORING LOG

HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FC-SB03
PROJECT NO.: 0206 DATE: 4-26-94 DRILLER: Kestrel
ELEVATION: 46.41 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR RQD FT	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, FT)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		8/13			–	Brown	Top Soil - grass/roots		Dry to moist
1422	2.0	11/11	22/24		–	orange Brown	Silty F.G. Sand many SR pebbles	SM	0.6 ppm
3'' S-2 @		6/12			–	orange Brown	Silty F.G. Sand with	SM	moist to wet
1426	4.0	12/15	20/24		–		no pebbles		FCSB030204 0.8 ppm
S-3 @		4/4		▼	–	orange Brown	Silty Fine grain Sand	SM	wet to saturat
1431	6.0	5/7	18/24		–		Fine to med. grain Sand	SP	FCSB030406 NO OVA
							-E.O.B.-		

REMARKS 8"x24" Splitspoon Sample barrels = 0
3"x24" Splitspoon Sample barrels = 3
HSA = 4' 140 lb. hammer/30"
Boring Backfill = Soil cuttings = 6'

* See Legend on Back

FCSB03
BORING

PAGE 1 OF

BORING LOG — **HALLIBURTON NU**

PROJECT: NWIRP - CALVERTON CTO-13B — BORING NO.: FC-SB04
PROJECT NO.: 0206 — DATE: 4-26-94 — DRILLER: Kestrel
ELEVATION: 46.16 — FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA: (Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR RQD FT	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (DEPTH FT)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR OR USCS	REMARKS
S-1 @		2 / 7			–	Brown	Top Soil grass/roots		Dry
1451	2.0	13 / 14	22/24		–	Orange Brown	Silty Fine grain sand many pebbles	SM	No OVA
S-2 @		18 / 20			–	Orange Brown	Silty fine grain sand	SM	Dry to moist
3" 1455	4.0	22 / 32	21/24		–		with many pebbles		FCSB040204 1.0 ppm
S-3 @		8 / 11			–	Dark Brown	Fine to medium grain	SP	Saturated 100. ppm
1600	6.0	11 / 13	18/24		–		Sand some Coarse/pebbles		Strong Petrol. Odor FCSB040406 Dup
							– E.O.B. –		

REMARKS: 8"x24" Split spoon Sample barrels = 0
3"x24" Split spoon Sample barrels = 3
HSA = 4' 140 lb. hammer/30"
Boring Backfill = Soil cuttings = 6.0'

* See Legend on Back

BORING: FC-SB04

PAGE 1 OF 1

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FC-SB05

PROJECT NO.: 0206 DATE: 4-26-94 DRILLER: Kestrel

ELEVATION: 45.56 FIELD GEOLOGIST: Paul Davis

WATER LEVEL DATA:

(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH FT. OR RUN NO.	BLOWS PER 6" OR RQD %	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		3 3			–	light Brown	Fine grain Sand w/ many pebbles	SP	Dry to ~~wet~~ moist
1528	2.0	4 5	18/24		–	Drk. Brn.	Clayey F.G. Sand	SC	1000+ ppm strong petrol. odors
S-2 @		8 7			–	Orange Brn.	Silty F.G. Sand	SM	moist to wet 1000
1530	4.0	9 12	20/24		–	Drk Brn	Clayey Sand w/ concrete chunk & wood w/ FG Sand	SC Fill	strong. petrol. odors ppm FCSB05 0204
S-3 @		3 6		▼	–	Drk Brn.	Fine to medium grain	SP	Saturated 1000+ pp.
1538	6.0	9 10	21/24		–		Sand - Some coarse grains		strong. petrol. odor FCSB05 0406 MS/D
							- E.O.B. -		

3''

REMARKS 8"x24" Splitspoon Sample barrels = 0
3"x24" Splitspoon Sample barrels = 3
HSA = 4' 140 lb. hammer/30"
Boring Backfill Soil cuttings = 6'

* See Legend on Back

FCSB05
BORING

PAGE 1 OF

BORING LOG — **HALLIBURTON NU**

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FC-SB06
PROJECT NO.: 0206 DATE: 4-27-94 DRILLER: Kestrel
ELEVATION: 47.72 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR RQD %	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	1.0				—		Auger thru concrete		
S-1 @		11 / 21			—	Drk Brown	Clayey Fine grain Sand	SC	moist. petrol. od
0937	3.0	26 / 22	20/24		—	Bluish gray	→ Silty clay lens orng. Brn. Silty F.G. Sand	CL	92 ppm FCSB060103
S-2 @		11 / 21			—	Gray Brown	Silty F.G. Sand w/ pebbles	SM	moist
3" 1130	5.0	13 / 15	20/24		—	Orng. Brn.	Silty F.G. Sand many pebbles	SM	7 ppm
S-3 @		6 / 6			—		↓		wet to Saturate
1135	7.0	5 / 8	21/24	▼	—	light Brown	Fine to med. grain Sand w/ SR. pebbles	SP	1.0 ppm FCSB060507
					—		— E.O.B. —		

REMARKS 8"x24" Splitspoon Sample barrels = 0
3"x24" Splitspoon Sample barrels = 3
HSA = 5' 140 lb. hammer / 30"
Boring Backfill - Grout 7'

* See Legend on Back

FCSB06
BORING

PAGE 1 OF 1

BORING LOG

HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FC-SB07

PROJECT NO.: 0206 DATE: 5-24-94 DRILLER: Kestrel

ELEVATION: 45.98 FIELD GEOLOGIST: Paul Davis

WATER LEVEL DATA:

(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		6 / 12			Med. Dense	Dk Brn.	Grass roots / top soil clayey sand w/ pebbles	SC	Dry to moist
2" 0815	2.0	13 / 14	14/24		Med Dense	light Brn.	Fine grain Sand	SP	0.2 ppm OVA
S-2 @		9 / 11			–	light Brown	Fine grain Sand w/ SR pebbles (FGS w/ black bands)	SP	moist NO OVA
3" 0820	4.0	11 / 13	24/24		–				FC SB07-0204
S-3 @		9 / 10			–		Fine grain sand with	SP	FC SB07-0406
0827	6.0	15 / 19	24/24	▼	–		Many Subround pebbles		Saturated 10 ppm OVA
							– E.O.B. –		

REMARKS 3"x24" Splitspoon Sample barrels = 1
3"x24" Splitspoon Sample barrels = 2
HSA = 4' 140 lb. hammer / 30"
BF cuttings = 6'

* See Legend on Back

FC-SB07
BORING

PAGE 1 OF

BORING LOG — **HALLIBURTON NU**

PROJECT: NWIRP - CALVERTON CTO-13B — BORING NO.: FC-SB08
PROJECT NO.: 0206 — DATE: 5-24-94 — DRILLER: Kestrel
ELEVATION: 44.57 — FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA: ____
(Date, Time & Conditions) ____

SAMPLE NO & TYPE	DEPTH ft. OR RUN NO.	BLOWS 6" OR RQD %	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		4 / 6			–		Top soil / grass-roots		Dry
0855	2.0	10 / 12	24/24		–	light Brown	UFG to F.G. Sand some SR ^ pebbles	SP	NO OVA
S-2 @		12 / 13			–	Brown	Clayey Very Fine grain	SC	Dry to moist NO OVA
3" Spoons 0859	4.0	12 / 12	24/24		–		Sand		FCSB08-0204
S-3 @		6 / 12		▼	–	light Brown	Fine grain Sand with	SP	Saturated NO OVA
0907	6.0	13 / 14	24/24		–		orange bands - Some silt		FC-SB08-0406
							– E.O.B. –		

REMARKS 8"x24" Splitspoon Sample barrels = 0
3"x24" Splitspoon Sample barrels = 3
HSA = 4' 140 lb. hammer / 30"
Backfill cuttings = 6'

* See Legend on Back

BORING: FCSB08

PAGE 1 OF 1

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FC-SB09
PROJECT NO.: 0206 DATE: 5-24-94 DRILLER: Kestrel
ELEVATION: 47.01 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR RQD FT	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, FT)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		4 / 12			–	Dk Brn	Top Soil - grass/roots		Dry
0929	2.0	15 / 10	24/24		–	Brown	Clayey Fine grained Sand	SC	NO OVA
S-2 @		15 / 17			–	Brown	Silty F.G. Sand w/ pebbles	SM	Dry
0934	4.0	9 / 11	22/24		–		F.G. Sand w/ SR pebble lens	SP	0.2 ppm OVA
S-3 @		8 / 10			–	light Brown	Fine grained Sand	SP	moist 28 ppm Chemical odors
0940	6.0	15 / 15	22/24		–		- Some silt -		FCSB09-0406
S-4 @		9 / 11		▼	–	light Brown	↓	SP	Saturated 100 ppm petrol. odor.
0950	8.0	12 / 12	23/24		–		↓		FCSB09-0608
							- E.O.B. -		

3" Spoons

REMARKS 1"x24" Splitspoon Sample barrels = 0
3"x24" Splitspoon Sample barrels = 4
HSA = 6' 140-lb hammer / 30"
Backfill cuttings: 8'

FC-SB09
BORING

PAGE 1 OF

* See Legend on Back

BORING LOG **HALLIBURTON NU**

PROJECT: NWIRP - CALVERTON CTO-13B BORING NO.: FC-SB10
PROJECT NO.: 0206 DATE: 5-24-94 DRILLER: Kestrel
ELEVATION: 47.01 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (FT.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, Ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		3 / 5	-		—	Drk Brown	Top Soil - Grass/roots		Dry
1011	2.0	7 / 10	20/24		—	light Brown	Fine grain Sand Some SR n pebbles	SP	NO OVA
S-2 @		9 / 12			—	Dr. Brn lite Brn	F.G. Sand F.G. Sand	SP	moist
1016	4.0	7 / 5	21/24		—	Dark Gray	F.G. Sand Some SR pebbles	SP	0.2 ppm OVA
S-3 @		7 / 7			—	Orange Brown	Fine grain Sand Some	SP	0.6 ppm moist
1020	6.0	7 / 7	22/24		—		med. grain Sand & SR n pebbles		to wet FCSB10-0406
S-4 @		4 / 5			—	Gray Brown	Fine to med. grain Sand	SP	Saturated 2.4 pp
1025	8.0	7 / 8	23/24		—		with Subround pebbles		FC-SB100608
							— E.O.B. —		

3" spoons

REMARKS 8"x24" Splitspoon Sample barrels = 0
3"x24" Splitspoon Sample barrels = 4
HSA = 6' 140 lb. hammer/30"
Backfill Cuttings = 8'

* See Legend on Back

FC-SB10
BORING

PAGE 1 OF 1

BORING LOG

HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO - 138 BORING NO.: FC-SB11
PROJECT NO.: 0206 DATE: 5-24-94 DRILLER: Kestrel
ELEVATION: 47.23 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH (ft) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	1.0						Concrete		Auger thru it.
S-1 @		15 / 16			—	Brown	Clayey Fine grain Sand	SC	Dry.
1345	3.0	14 / 10	22/24		—	Orange Brown	Silty Fig. Sand	SM	0.6 ppm
S-2 @		13 / 15			—	Orange Brown	Fine grain clayey Sand	SC	Dry
1350	5.0	28 / 12	21/24		—		" " " "		0.2 ppm
S-3 @		8 / 12			—	Orange Brown	Fine grain Sand with	SP	moist to wet 0.2 ppm
1356	7.0	13 / 13	22/24		—		many SR pebbles		FC-SB110507 DU
S-4 @		4 / 5		▼	—	light Brown	Fine grained Sand	SP	Saturated - 0.4 ppm
1405	9.0	9 / 10	22/24		—		with subround pebbles		FC SB110709 ms
							- E.O.B. -		

REMARKS 8"x24" Splitspoon Sample barrels = 0
3"x24" Splitspoon Sample barrels = 4
HSA = 7' 140 lb. hammer/30"
BF-Cuttings = 9'

* See Legend on Back

BORING FC SB1

PAGE 1 OF

BORING LOG HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FC-SB12
PROJECT NO.: 0206 DATE: 6-15-94 DRILLER: Kestrel
ELEVATION: 46.54 FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR ROD FT	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @ 2"		4/5			loose	brown	Fine grain Sand	SP	Dry
1415	2.0	6/8	20/24		med dense		with subround pebbles		NO OVA
S-2 @		3/3			loose	dr. Brn. Black	FG. sand with silt clayey Sand	SC	Dry
1419	4.0	6/7	23/24		med. Dense	Gray brown orange brown	Fine grain Sand silty F.G. Sand	SP	FCSB120406 NO OVA
S-3 @ 3"		5/5			Med Dense	orange Brown	Silty F.G. Sand		moist - Wet
1422	6.0	7/8	24/24		med dense	brown	Fine grain Sand	SP	0.2 ppm
S-4 @		2/5		▼	loose	Brown	Fine to medium		Saturated NO
1430	8.0	7/6	24/24		med. Dense		grain Sand	SP	FCSB120608
							-E.O.B.-		

REMARKS 8"x24" Splitspoon Sample barrels = 1
3"x24" Splitspoon Sample barrels = 3
HSA = 4 140 lb. hammer/30"

BORING FC-SB1

PAGE 1 OF 1

* See Legend on Back

BORING LOG HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT- MW01-I
PROJECT NO.: 0206 DATE: 7-08-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	75								Auger Down
									↓
	78								▼
S-6 @		4 5			loose	Tan	Fine to medium	SP	Saturated
1041	80	4 4	16/24		loose		grained Sand Some		NO OVA
							Subround pebbles		
							- E.O.B. -		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FT-MW01

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT-MW02-S
PROJECT NO.: 0206 DATE: 6-30-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		8 / 8			Med. Dense	Brown	Fine grain Sand - Some	SP	Dry
1048	2.0	8 / 9	17/24		Med. Dense		Silt & Subround pebbles		NO OVA
S-2 @		3 / 8			Med. Dense	orange Brown	Silty Fine grain	SP	Dry
1053	4.0	8 / 9	14/24		Med. Dense		Sand		NO OVA
S-3 @		15 / 2			Med. Dense	orange Brown	↓		moist
1100	6.0	3 / 6	19/24		loose	Tan	Fine grain Sand	SP	NO OVA
S-4 @		2 / 3			loose	light Tan	↓		0.6 ppm
1104	8.0	4 / 4	17/24		loose		↓		moist
S-5 @		3 / 4			loose	light Tan	Fine grain Sand -	SP	0.6 ppm
1108	10.0	3 / 4	15/24		loose		trace medium & Sn pebbles		moist
S-6 @		3 / 2			loose	light Tan	↓		moist to wet
1112	12.0	3 / 3	17/24		loose	Grayish Tan	↓		28 ppm
S-7 @		3 / 4		▼ 12.5	loose	Grayish Tan	↓	SP	Saturated
1117	14.0	3 / 3	22/24		loose		↓		100 ppm
							Auger Down 5'		
							↓		
							↓		
							↓		
	19.0						↓		
S-8 @		3 / 3			loose	Bluish Gray	Fine to medium	SP	Saturated
1134	21.0	2 / 2	20/24		loose		grain Sand		60 ppm
							-E.O.B.-		

REMARKS
2"x24" Splitspoon sample barrels = 8
HSA = 21 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

BORING FT-MW02-S

PAGE 1 OF 1

* See Legend on Back

BORING LOG

NUS CORPORATION

PROJECT: NWIRP - CALVERTON
BORING NO.: FT-MW02-I
PROJECT NO.: 0206
DATE: 7-12-94
DRILLER: ADT
ELEVATION:
FIELD GEOLOGIST: M. MENGEL
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR RQD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: MATERIAL CLASSIFICATION	USCS OR ROCK	BROKEN CORE	REMARKS
	1.0									
							SEE DRILLING LOG FOR			
	5.0						FT-MW02-I for			
							lithology from 0-30'			
	10.0									
				▼ 12.5'						
	15									
	20									
	25									

REMARKS Pilot Hole: Hollow Stem Augers - 3 1/4 ID, 6" OD
Monitoring Well: HSA - 6 5/8 ID, 10" OD
Rig: Mobile B61

BORING FT-MW02-

BORING LOG NUS CORPORATION

PROJECT: NWIRP - CALVERTON BORING NO.: FT-MW02-I
PROJECT NO.: 0206 DATE: 7-12-94 DRILLER: ADT
ELEVATION: FIELD GEOLOGIST: M. MENGEL
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR RQD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR RQD (%)	SAMPLE RECOVERY / SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY, CONSISTENCY OR ROCK HARDNESS	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: MATERIAL CLASSIFICATION	USCS OR ROCK BROKENESS	REMARKS
SS-1	28'-30'	6.5 / 3.5	1.7/2.0		med. dense	grey	Fine to medium sand	SP	OVA - 5ppm @ 1550
					loose		stained		
SS-2	38'-40'	8.9 / 8.6	.09/2.0		med. dense	tan	Fine to medium grained sand,	SP	OVA - 0ppm @ 1605
					med. dense		trace coarse sand		
SS-3	48'-50'	7.7 / 7.7	.06/2.0		med. dense	tan	Fine to medium grained	SP	OVA - 0ppm @ 162[illegible]
					med. dense		sand, trace coarse		

REMARKS

BORING MW0[illegible]

BORING LOG NUS CORPORATION

PROJECT: NWIRP - CALVERTON BORING NO.: FT-MW02-I
PROJECT NO.: 0206 DATE: 7-12-94 DRILLER: ADT
ELEVATION: FIELD GEOLOGIST: M MENGEL
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR RQD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR RQD (%)	SAMPLE RECOVERY ·SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY· CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	USCS OR ROCK CONSCKS	REMARKS
SS-4	58-60'	7, 9 / 8, 9	2.0/2.0		med. dense	tan	Fine to medium grained sand	SP	OVA- 0ppm @ 163
					med. dense				
SS-5	68-70	5, 4 / 6, 4	1.3/2.0		loose	BrN	Fine sand with silt	Sm	OVA- 0ppm @ 1645
					loose		trace pebbles		
							more plasticity @ bottom		
							of spoon		
							into clay 70-74 per driller		

REMARKS

BORING MW02-I

PAGE 3 OF 4

BORING LOG NUS CORPORATION

PROJECT: NWIRP – CALVERTON BORING NO.: FT-MW02-I
PROJECT NO.: 0206 DATE: 7-12-94 DRILLER:
ELEVATION: FIELD GEOLOGIST: M. MENGEL
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR RQD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY, CONSISTENCY OR ROCK HARDNESS	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: MATERIAL CLASSIFICATION	USCS OR ROCK BROKENESS	REMARKS
SS-6	78-80	8.8 / 9.8	1.2/2.0		very stiff	Grey	Silty Clay	MH	OVA- 0ppm @ 1710
					very stiff		Bottom of borehole 80'		

REMARKS

BORING MW0 – I

PAGE 4 OF

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT-MW03-S
PROJECT NO.: 0206 DATE: 6-29-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		2 / 3			loose	Brown	Silty Fine grained Sand	SM	Dry
1219	2.0	4 / 3	9/24		loose	Dark Brown	Peat material	PT	NO OVA
S-2 @		3 / 3			loose	Dark Brown	Organic Peat	PT	Damp
1223	4.0	3 / 4	8/24		loose		↓	PT	NO OVA
S-3 @		9 / 7			med. Dense	Orange Brown	Silty Fine grained	SM	moist
1229	6.0	7 / 6	23/24		med. Dense		Sand		NO OVA
S-4 @		2 / 3			loose	Tan	Fine grained Sand	SP	moist
1235	8.0	5 / 6	17/24		med. Dense		Trace Subround pebbles		NO OVA
S-5 @		3 / 4			loose	light Tan	Fine grained Sand	SP	moist
1239	10.0	7 / 5	17/24		med. Dense		with 1/2" thick Peat lens		NO OVA
S-6 @		3 / 4			loose	light Tan	↓	SP	moist
1243	12.0	3 / 5	18/24		loose		↓ (No peat)		NO OVA
S-7 @		4 / 6			loose	light Tan	Fine grained Sand	SP	moist
1248	14.0	6 / 8	22/24		med. Dense		with trace SR pebbles		NO OVA
S-8 @		6 / 7			med. Dense	light Tan	Fine grained Sand	SP	moist
1254	16.0	6 / 8	22/24		med. Dense		↓ (No pebbles)		NO OVA
S-9 @	-	5 / 5			med. Dense	light Tan	↓	SP	moist
1308	18.0	5 / 6	19/24		med. Dense		↓		NO OVA
S-10 @		6 / 8			med. Dense	Tan	Fine grained Sand	SP	moist
1313	20.0	6 / 8	17/24		med. Dense		with trace SR pebbles		0.2 ppm
S-11 @		8 / 8			med. Dense	Tan	↓		moist to wet
1318	22.0	8 / 8	18/24		med. Dense		↓	SP	NO OVA
S-12 @		7 / 9		▼ 25'	med. Dense	Tan	↓		Saturated
1329	24.0	11 / 29	20/24		Dense		↓	SP	NO OVA
									Auger down
									↓

REMARKS

2"x24" Split spoon sample barrels = 13
HSA = 31' 140 lb hammer / 30"
Drill Rig - Mobile Drill B-61

* See Legend on Back

BORING FT-MW03

PAGE 1 OF 3

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT-MW03-S
PROJECT NO.: 0206 DATE: 6-29-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger
									Down
									↓
	29.								
S-13		4/4			Med. Dense	Tan	Fine grained Sand	SP	Saturated
1337	31.	6/3	24/24		loose		with trace medium grained sand		NO OVA
							-E.O.B.-		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FT-MW03-S
PAGE 2 OF ∞

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT-MW04-S
PROJECT NO.: 0206 DATE: 6-30-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		2 / 2			loose	Orange Brown	Silty Fine grained	SP	Dry
0918	2.0	2 / 2	17/24		loose		Sand (NO pebbles)		NO OVA
S-2 @		2 / 2			loose	Orange Brown	↓	SP	Dry
0925	4.0	2 / 2	20/24		loose				NO OVA
S-3 @		7 / 5			med Dense	orange Brown	↓		Dry
0930	6.0	4 / 6	16/24		med Dense	light Brown	Fine grained Sand	SP	NO OVA
S-4 @		25 / 4			med Dense	light Brown	Fine grained Sand		Dry to moist
0935	8.0	7 / 9	23/24		med Dense		with trace SR pebbles	SP	NO OVA
S-5 @		14 / 7			med Dense	light Brown	↓		moist
0939	10.0	3 / 4	17/24		loose	Tan	↓		NO OVA
S-6 @		5 / 5			loose	light Tan	Fine grained Sand	SP	moist (Beach Sand
0945	12.0	5 / 5	18/24		loose		(NO pebbles)		NO OVA
S-7 @		5 / 5			loose	light Tan	↓		moist
0952	14.0	5 / 8	17/24		med. Dense		↓		NO OVA
S-8 @		25 / 5			med Dense	light Tan	Fine grained Sand	SP	moist
0959	16.0	4 / 5	15/24		loose		Trace medium grained S.		NO OVA
S-9 @		5 / 5			loose	Tan	↓		NO OVA
1004	18.0	5 / 4	18/24		loose		↓		wet to Saturate
				▼ 18'				SP	Auger
	20.						↓		Down
							↓		↓
							↓	SP	↓
	23						↓		↓
S-10 @		10 / 11			med. Dense	Tan	Fine to medium grained		Saturated
1012	25	13 / 15	17/24		med Dense		Sand some subround pebbles	SP	NO OVA

REMARKS
2"x 24" Splitspoon sample barrels = 10
HSA = 25' 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FT-MW04

PAGE 1 OF 1

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT-MW05-S
PROJECT NO.: 0206 DATE: 7-5-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (Ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		2 3			loose	Grayish Brown	Silty F.G. Sand w/ twigs	SM	Dry
1341	2.0	7 10	18/24		med. dense	orange brown	Silty Fine grained Sand	SM	NO OVA
S-2 @		4 6			med dense	orange Brown	Silty Fine grained	SM	Dry
1348	4.0	7 5	14/24		med. dense		Sand - trace medium gr.		NO OVA
S-3 @		12 4			med. dense	orange brown	↓		moist
1357	6.0	5 6	12/24		med. dense	Tan	Fine grained Sand	SP	0.6 ppm
S-4 @		4 4			loose	Tan	Fine grained Sand		moist to w
1401	8.0	4 4	16/24		loose		Trace Subround pebbles	SP	NO OVA
S-5 @		4 3			loose	Tan	↓		wet to Saturate
1404	10.0	3 3	14/24	▼ 9.5'	loose		↓	SP	0.2 ppm
									Auger Down
									↓
	15.								▼
S-6 @		2 7			loose	Tan	Fine grained Sand	SP	Saturated
1411	17.	8 4	20/24		med. dense		Some medium grains	SP	NO OVA
							- E.O.B. -		

REMARKS
2"x24" Splitspoon sample barrels = 6
HSA = 17' 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FT-MW05-S

PAGE 1 OF

BORING LOG

NUS CORPORATION

PROJECT: CALVERTON - NWIRP
BORING NO.: FT-MW05-I
PROJECT NO.: 0206
DATE: 7-11-94
DRILLER: ADT - MARK ARATO, DENNIS CRAVEN
ELEVATION:
FIELD GEOLOGIST: M. MENGEL
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR ROD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR ROD (%)	SAMPLE RECOVERY -SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	USCS OR ROCK CONSCKS	REMARKS
	5.0								
							SEE BORING LOG		
							FOR MW05-4		
	10.0			▼ 9.5'			TO 20'		
	15.0								
SS-1	20-22	3,4 / 4,5	20/20		V-LOOSE	TAN	medium TO COARSE GRAINED	SP	OVA - 0 PPM @ 1530
							SAND		

REMARKS

BORING FT-MW05-I

PAGE 1 OF 4

BORING LOG NUS CORPORATION

PROJECT: NWIRP- CALVERTON BORING NO.: FT- MW05- I
PROJECT NO.: 0206 DATE: 7-11-94 DRILLER: ADT
ELEVATION: FIELD GEOLOGIST: M. MENGEL
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR RQD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR RQD (%)	SAMPLE RECOVERY ·SAMPLE LENGTH	LITHOLOGY CHANGE (Depth.ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	USCS OR ROCK CODE	REMARKS
SS-2	30-32	6, 8 / 7, 8	1.2/2.0		V. Loose	TAN	MEDIUM TO COARSE SAND,	SP	OVA 0 PPM @ 1540
							TRACE FINE SAND		
SS-3	40-42	7, 8 / 9, 7	1.9/2.0		med dense	TAN	FINE TO MEDIUM SAND	SP	OVA - 0 ppm @ 1600
							TRACE FINE gravel @ 41'		

REMARKS

BORING FT-MW05-

PAGE 2 OF

BORING LOG

NUS CORPORATION

PROJECT: NWIRP - CALVERTON BORING NO.: FT-MW05-I
PROJECT NO.: 0206 DATE: 7-11-94 DRILLER: ADT
ELEVATION: FIELD GEOLOGIST: M. MENGEL
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR RQD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: MATERIAL CLASSIFICATION	USCS OR ROCK BROKENESS	REMARKS
S-4	50-52	6.8 / 7.9	1.8/2.0		med dense	TAN	FINE TO medium sand	SP	OVA - 0 ppm @ 1615
SS-5	60-62	7.6 / 7.9	1.1/2.0			TAN	FINE SAND and SILT	SM	OVA - 0 PPM 1635
							TRACE clay. CLAY IN		
							bottom of spoon		
							Tighter drilling per driller		
							between 60'-70'		
SS-6	70-72	4.8 / 7.9	1.8/2.0			TAN	CLAY and SILT. TRACE	mH	OVA - 0 PPM 1650
							FINE SAND		

REMARKS

BORING FT-MW05-I

BORING LOG NUS CORPORATION

PROJECT: NWIRP - CALVERTON BORING NO.: FT-MW05-I
PROJECT NO.: 0206 DATE: 7-11-94 DRILLER: ADT
ELEVATION: FIELD GEOLOGIST: M. MENGEL
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR ROD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR ROD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	BORE HOLE CONDITIONS	REMARKS
SS-7	78-80	6,7 5,6	1.0/2.0			DK GRAY	SILTY CLAY TRACE SAND	MH	OVA 0 PPM @ 1715
							BOTTOM OF BORING 80'		

REMARKS

BORING MW-05-I

PAGE 4 OF 4

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT-MW06-S
PROJECT NO.: 0206 DATE: 7-05-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		1 / 2			very loose	orange-Brown	Silty Fine grained	SM	Dry
0916	2.0	4 / 6	15/24		loose		Sand		NO OVA
S-2 @		4 / 2			loose	Brown	Fine grained Sand	SP	Dry
0920	4.0	3 / 2	16/24		loose				NO OVA
S-3 @		2 / 3			loose	Brown	Silty very fine grained	SM	Damp
0923	6.0	2 / 2	18/24		loose		Sand with organic weathered twigs & material		0.4 ppm
S-4 @		3 / 4			loose	light Tan	Fine grained	SP	Damp
0927	8.0	4 / 4	18/24		loose		Sand		NO OVA
S-5 @		5 / 4			loose	light Tan		SP	moist
0931	10.0	5 / 4	16/24		loose				0.2 ppm
S-6 @		6 / 6			med. Dense	Tan	(Brown Silty bands)	SP	moist ~~to wet~~
0941	12.0	6 / 6	18/24		med. Dense				0.2 ppm
S-7 @		6 / 6			Med. Dense	Tan	(Silty-Clayey lens)	SP	moist
0947	14.0	6 / 4	18/24		med. Dense				NO OVA
S-8 @		5 / 7			med. Dense	Tan		SP	moist
0953	16.0	6 / 4	19/24		med. Dense				NO OVA
S-9 @	-	6 / 5			med Dense	Tan	Fine grained Sand	SP	moist to we
1000	18.0	7 / 3	18/24		med. Dense		Trace medium grains		NO OVA
S-10 @		6 / 6			med Dense	Tan			Saturated
1005	20.0	7 / 5	18/24	▼ 19'	med. Dense			SP	NO OVA
									Auger Down

REMARKS
2"x24" Splitspoon sample barrels = 11
HSA = 27' 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FT-MW0

PAGE 1 OF 2

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT-MW06-S

PROJECT NO.: 0206 DATE: 7-05-94 DRILLER: Aquifer Drilling - Tes

ELEVATION: FIELD GEOLOGIST: PAUL DAVIS

WATER LEVEL DATA:

(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR ROD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-11 @	25	6/4			med. dense	Tan	Fine to medium	SP	Saturated
1017	27	4/4	24/24		loose		grained Sand		NO OVA
							- E.O.B. -		

REMARKS

2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FT-MW06-S

PAGE 2 OF 2

BORING LOG

NUS CORPORATION

PROJECT: NWIRP- CALVERTON BORING NO.: FT-MW06-I
PROJECT NO.: 0206 DATE: 7-12-94 DRILLER: ADT
ELEVATION: FIELD GEOLOGIST: M MENGEL
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR ROD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth,ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	BOREHOLE CONDITIONS	REMARKS
	5						SEE BORING LOG FOR FT-MW06-5 FOR lithologies to 30'		
	10								
	15								
	20			▼ 19'					

REMARKS PILOT HOLE: Hollow STEM Augers - 3 1/4" ID, 6" OD.
MONITORING WELL: Hollow STEM Augers - 6 5/8" ID, - 10" OD.
RIG: MOBILE-B61

BORING FT-MW06-

BORING LOG NUS CORPORATION

PROJECT: NWIRP-CALVERTON BORING NO.: FT-MW06-I
PROJECT NO.: 0206 DATE: 7-12-94 DRILLER: ADT
ELEVATION: FIELD GEOLOGIST: M. MENGEL
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR RQD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	USCS OR ROCK BROKENESS	REMARKS
	25								
SS-1	30-32	7, 8 / 7, 8	2.0/2.0		Med. Dense	TAN	Fine to medium grained sand	SP	OVA - 0ppm @ 1120
SS-2	40-42	12, 13 / 16, 13	1.7/2.0		med dense	TAN	Fine to medium grained sand - looks like wash	SP	OVA - 0 ppm @ 1135

REMARKS

BORING FT-MW06-I

PAGE 2 OF

BORING LOG

NUS CORPORATION

PROJECT: NWIRP- CALVERTON BORING NO.: FT-MW06-I
PROJECT NO.: 0206 DATE: 7-12-94 DRILLER: ADT
ELEVATION: FIELD GEOLOGIST: M. MENGEL
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR RQD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR RQD (%)	SAMPLE RECOVERY /SAMPLE LENGTH	LITHOLOGY CHANGE (Depth.ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY, CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	USCS OR ROCK BROKENESS	REMARKS
SS-3	50'-52'	9, 8 / 9, 8	1.5/2.0		med dense	TAN	MEDIUM TO FINE SAND	SP	OVA - 0ppm @ 1150
SS-4	60-62	5, 6 / 7, 6	0/2.0		med Dense		WASH in bottom of spoon. Likely same Fine to med. sand as above.		@ 1205
SS-5	70-72	10, 10 / 8, 7	2.0/2.0		med. dense	TAN	medium to Fine sand, TRACE COARSE SAND	SP	OVA - 0 ppm @ 1225
				75'			Possibly hit clay per driller		

REMARKS

BORING FT-MW06-I

BORING LOG NUS CORPORATION

PROJECT: NWIRP- CALVERTON BORING NO.: FT-MW06-I
PROJECT NO.: 0206 DATE: 7-12-94 DRILLER: AOT
ELEVATION: FIELD GEOLOGIST: M. MENGEL
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE OR ROD	DEPTH (ft.) OR RUN NO.	BLOWS/ 6" OR ROD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth,ft.) OR SCREENED INTERVAL	MATERIAL DESCRIPTION: SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	USCS OR ROCK CONSCK	REMARKS
SS-6	77-79	9, 8 / 7, 8	.5/2.0		very stiff	Grey	SILTY CLAY @ bottom of spoon	MH	OVA- 0 ppm 1240
							maybe on top of clay brick?		
SS-7	80-82	6, 7 / 7, 9	2.0/2.0		very stiff	tan	WASH - fine to med. SAND	MH	OVA- 0 ppm 1255
							BOTTOM of hole @ 82'		

REMARKS

BORING FT-MW06-I

PAGE 4 OF 4

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT-MW07-S
PROJECT NO.: 0206 DATE: 07-05-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS.	REMARKS
S-1 @		10/9			med dense	Brown	Silty F.G. Sand with pine needles	SM	Dry
1140	2.0	7/10	24/24		med. dense	Orange brown	Silty Fine gr. Sand Sme SR pebbs	SM	1.0 ppm
S-2 @		3/3			loose		↓		Dry
1144	4.0	3/4	16/24		loose	light Brown	Fine to medium grained	SP	0.2 ppm
S-3 @		10/6			med. Dense		Sand		Dry
1149	6.0	8/6	18/24		med dense	Tan	Fine grained Sand	SP	NO OVA
S-4 @		6/5			med dense		↓		Damp
1153	8.0	6/8	17/24		med dense	Tan	Fine to med. gr. Sand	SP	NO OVA
S-5 @		15/17			Dense	Tan	Fine grained	SP	Damp
1157	10.0	5/5	18/24		med. Dense		Sand		NO OVA
S-6 @		4/4			loose	Tan	↓	SP	Damp
1202	12.0	8/6	20/24		med. dense		↓		NO OVA
S-7 @		8/8			med dense	Tan	↓	SP	Damp
1208	14.0	8/8	18/24		med. dense	Brown	Silty Fine gr. Sand	SM	1.4 ppm
S-8 @		7/7			med. dense	Tan	↓	SM	Damp
1212	16.0	7/7	17/24		med dense		↓	SM	NO OVA
S-9 @	-	7/7			med dense	Tan	Fine grained Sand	SP	Damp
1219	18.0	7/6	14/24		med. dense		with trace medium.		0.6 ppm
S-10 @		4/5			loose	Tan	Fine grained	SP	moist
1223	20.0	5/4	16/24		loose		Sand		0.2 ppm
S-11 @		7/8			med dense	Tan	↓	SP	moist
1228	22.0	8/7	18/24		med dense		↓		NO OVA
S-12 @		8/8			med dense	Tan	↓	SP	moist
1233	24.0	8/8	18/24		med dense		↓		0.4 ppm
S-13 @		8/7			med. dense	Tan	↓	SP	moist to wet
1240	26.0	15	17/24		med dense		Fine to med. gr. Sand		NO OVA

REMARKS
2"x24" Splitspoon sample barrels = 15
HSA = 35' 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FT-MW07

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FT-MW07-S
PROJECT NO.: 0206 DATE: 07-05-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-14 @	26	7 / 7		▼ 27'	med. dense	Tan	Fine to medium	SP	Saturated
1245	28	5 / 4	19/24	=	loose		grained Sand		NO OVA
									Auger
									Down
	33								
S-15 @		6 / 6			med. dense	Tan	Fine to medium	SP	Saturated
1254	35	5 / 6	24/24		med. dense		grained Sand		NO OVA
							- E.O.B. -		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on back

BORING FT-MW07-
PAGE 2 OF

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MW01-S
PROJECT NO.: 0206 DATE: 7-14-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1		9/10			med. dense	Dr. Brn. Lt. Brn	Top soil - grass/roots Silty Fine grained sand	SM	Dry
—	2.0	10/11	18/24		med. dense	Brown	Fine grained Sand some silt	SP	NO OVA
S-2		6/6			med. dense		↓		moist
—	4.0	4/4	14/24		loose	Orange Brown	Fine grained Sand trace medium	SP	NO OVA
S-3		5/5			med. dense		↓		wet
—	6.0	3/6	18/24		loose	Tan	Fine to med. grained Sand	SP	NO OVA
S-4		4/6		▼ 7'	loose	Grayish Tan	↓		Saturated
—	8.0	5/4	17/24		loose		↓	SP	NO OVA
									Auger down
									↓
	13								↓
S-5		5/6			med dense	Tan	Fine to medium	SP	Saturated
—	15	6/6	19/24		med dense		grained Sand		NO OVA
							— E.O.B. —		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-MW01

PAGE 1 OF 1

BORING LOG

HALLIBURTON NU:

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-mw01-I
PROJECT NO.: 0206 DATE: 7-18-94 DRILLER: Aquifer Drilling - Te
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR 300 (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		10 / 10			med. dense	Drk Brn / Lt Brn	Top Soil - grass/roots Silty Fine gr. Sand	Sm	NO OVA
1507	2.0	11 / 11	17/24		med. dense	Brn.	Fine gr. Sand Some Silt	SP	Dry
S-2 @		5 / 6			med. dense		↓ (Black Sandy lens)		moist
1512	4.0	4 / 3	12/24		loose	orange brown	Fine grained Sand Trace med.	SP	NO OVA
S-3 @		5 / 6			med. Dense		↓		Wet
1517	6.0	3 / 6	18/24		loose	Tan	Fine to medium gr. Sand	SP	NO OVA
S-4 @		3 / 5		▼ 7'	loose	Grayish Tan	↓		Saturated
1522	8.0	4 / 5	15/24		loose		↓	SP	NO OVA
									Auger
	10								Down
	15								↓
	18								↓
S-5 @		6 / 4			loose	Brown	Clayey Sand (Fine grained)	SC	Saturated
1533	20	4 / 4	8/24		loose				1.8 ppm
									Auger
									Down
	25								↓

REMARKS
2"x24" Splitspoon sample barrels = 11
HSA = 80' 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-mw01-I

PAGE 1 OF

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MW01-I
PROJECT NO.: 0206 DATE: 7-18-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA: (Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger Down
									↓
	28								
S-6 @		4 4			loose	light tan	Fine grained Sand	SP	NO OVA
1543	30	4 4	16/24		loose		Some medium grains		Saturated
									Auger
									Down
									↓
	35								
	38								↓
S-7 @		4 5			loose	Brown	Fine grained	SP	NO OVA
1553	40	5 4	12/24		loose		Sand		Saturated
									Auger
									Down
									↓
	45.								
	48								↓
S-8 @		3 3			loose	light brown	Silty Fine grained	SM	Saturated
1603	50.	4 3	14/24		loose		Sand		NO OVA

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-MW01

BORING LOG

HALLIBURTON NU:

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MW01-I
PROJECT NO.: 0206 DATE: 7-18-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger
									Down
	55								
	58								
S-9 @		3 3			loose	Brown gray	Silty Clayey fine	SC	Saturated
1616	60	4 4	12/24		loose		grained Sand		NO OVA
									Auger
									Down
	65								
									Gray colored
	68								in borehole wash
S-10 @		3 2			med. stiff	Gray	micaceous silty	MH	Saturated
1627	70	3 2	17/24		med. stiff		Clay (moderate plasticity)		NO OVA (Gump fi
									Auger
									Down
	75								

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FCMW01-

PAGE 3 OF

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MW01-I
PROJECT NO.: 0206 DATE: 7-18-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger down
									↓
	78								
S-11 @		4/3			med. stiff	Gray	micaceous silty Clay	MH	Saturated
1639	80	5/2	14/24		med. stiff		(gumbotil)		NO OVA
							- E. O. B. -		

REMARKS
2"x24" Split spoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FCMW01

BORING LOG

HALLIBURTON NU.

PROJECT: NWIRP - CALVERTON CTO-13B BORING NO.: FC-MW02-S
PROJECT NO.: 0206 DATE: 7-28-94 DRILLER: ADT
ELEVATION: FIELD GEOLOGIST Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR RQD %	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 e		3/3			loose	Brown	Silty F.G. sand roots	SM	moist to wet
0816	2.0	4/4	15/24		med Dense	Brown	Clayey Sand w/ pebbles	SC	10 ppm petrol. odors
S-2 e		10/10			med Dense	Brown	Clayey Sand	SC	wet
0820	4.0	11/8	17/24		med Dense	Grayish brown	Silty F.G. Sand pebbles	SP	42 ppm petrol. odors
S-3 e		5/6			med-Dense	Grayish brown	Silty Fine grain		Saturated
0826	6.0	5/7	14/24	▼ 5'	med. Dense		Sand Some sm pebbles	SP	380 ppm petrol. odors
									Auger
									Down
									↓
	11								▼
S-4 e		3/3			loose	Grayish brown	Silty Fine grain	SP	Saturated
0836	13	4/2	18/24		loose		Sand Some sm pebbles		54 ppm
							- E.O.B. -		

REMARKS 8"x24" Splitspoon Sample barrels = 4
3"x24" Splitspoon Sample barrels = 0
HSA = 13' 140 lb. hammer/30"

FC-MW02-
BORING

PAGE 1 OF

* See Legend on Back

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MW02-I
PROJECT NO.: 0206 DATE: 7-27-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	1.0								Auger
							See Drilling log		Down
							FT-MW02-S		
							for lithology from		
	5.0			5'			0 to 10 - feet		
	10.0								
S-1		4/3			loose	Bluish gray	Fine grain sand	SP	Saturated
0847	12.0	4/4	28/24		loose		Some silt.		18 ppm - petrol. od
									Auger
									Down
	20.0								
S-2		2/3			loose	Bluish gray	Fine grain sand	SP	Saturated
0856	22.0	2/3	22/24		loose		trace medium grain		1.6 ppm fuel odors

REMARKS
2"x 24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-MW02-
PAGE 1 OF 4

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MWD2-I
PROJECT NO.: 0206 DATE: 7-27-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	25								Auger Down
									↓
	30								↓
S-3		2 3			loose	Tan	Fine grain sand	SP	Saturated
0909	32	3 2	22/24		loose		Some medium grains		0.4 ppm
									Auger Down
									↓
	40								↓
S-4		7 6			med. dense	Tan	Fine to medium grain	SP	Saturated
0925	42	5 5	22/24		med. dense		Sand		NO OVA
									Auger Down
									↓
	50								↓

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-MWD2-I

PAGE 2 OF 1

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MW 02-I
PROJECT NO.: 0206 DATE: 7-27-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-5 @	50	3/2			loose	Tan	Fine to medium	SP	Saturated
0938	52	1/2	18/24		loose		grain sand		NO OVA
							Harder drilling as		Auger
							per driller remarks		Down
							gray fine cuttings		
							in borehole wash fluid.		
	60								
S-6 @		3/4			loose	Tan	Fine to medium	SP	Saturated
0954	62	4/3	17/24		loose		grain sand (possible wash material)		NO OVA
							gray silty clay on top of spoon		Auger
									Down
	70								
S-7 @		5/3			medium stiff	Brownish Gray	micaceous silty-	CL/mt	Saturated
1014	72	7/3	24/24		Stiff		clay		NO OVA (gumbotill)

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-MW02-I

PAGE 3 OF 4

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MW02-I
PROJECT NO.: 0206 DATE: 7-27-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	75								
	78								
S-8 @	78	2 3			med. Stiff	Brownish Gray	micaceous silty -	CL	Saturated
1025	80	2 4	24/24		med. Stiff		clay (gumbotil).	MH	NO OVA
							-E.O.B.-		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

BORING FC-MW02-I

PAGE 4 OF

* See Legend on Back

BORING LOG

HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO - 138 BORING NO.: FC-MW03-S

PROJECT NO.: 0206 DATE: 7-28-94 DRILLER: ADT

ELEVATION: FIELD GEOLOGIST: Paul Davis

WATER LEVEL DATA:

(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR ROD FT	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR OR USCS	REMARKS
S-1 @		6 / 6			med. dense	Brown	grass/roots Clayey sand with	SC	moist
1022	2.0	10 / 10	22/24		med. dense		pebbles	SC	0.8 ppm
S-2 @		15 / 15			med dense	–	N/A		No Recovery
1029	4.0	20 / 30	0/24		dense	–	N/A		
S-3 @		25 / 25			Dense	Brown	Clayey sand with	SC	moist
1037	6.0	25 / 23	3/24		Dense		Subround pebbles		No OVA
S-4 @		8 / 8		▼=7'	med dense	grayish brown	Silty Fine grain	SM	Saturated
1044	8.0	7 / 8	16/24		med dense		Sand Some SR pebbles		3 ppm
									Auger
									Down
									↓
	13								↓
S-5 @		5 / 5			med dense	grayish brown	Fine to medium	SP	Saturated
1056	15	4 / 2	21/24		loose		grain sand		1.8 ppm
							–E.O.B.–		

REMARKS 8"x24" Splitspoon sample barrels =
3"x24" Splitspoon sample barrels =
HSA = 140 lb. hammer/30"

* See Legend on Back

FC-MW03-S
BORING

PAGE 1 OF 1

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC- MW04-S
PROJECT NO.: 0206 DATE: 7-22-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		25 / 37			Very Dense	Brown	grass/roots silty Topsil / Silty Very fine grained Sand	SM	Dry
1034	2.0	27 / 35	24/24		Very Dense		with Subround pebbles		NO OVA
S-2 @		26 / 17			very dense	Brown	Silty very fine grained	SM	moist
1042	4.0	20 / 19	18/24		Dense	light Brown	F.G. Sand - many pebbles	SP	0.8 ppm
S-3 @		17 / 12		▼ 5'	Dense	light Brown	Fine grained Sand	SP	Saturated
1050	6.0	14 / 15	12/24		Dense		with Some Subround pebbles		0.4 ppm
									Auger
									Down
	11.0								
S-4 @		8 / 7			med Dense	light Brown	Fine grained Sand	SP	Saturated
1100	13.0	9 / 3	20/24		med Dense	Gray Brown	micaceous Silty Clayey very fine grain Sand	MH	1.0 ppm
							-E.O.B.-		

REMARKS
2"x24" Splitspoon Sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-MW04-S
PAGE 1 OF

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MW04-I
PROJECT NO.: 0206 DATE: 7-26-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	1.0								Auger
							See Drilling log		Down
							FC-MW04-S for		
							lithology from		
	5.0			▼ 5'			0' to 13'		
	10.0								
	13								
S-1 @		8 9			med. Dense	Brown	Fine grain sand some med.	SP	Saturated NO odor
0821	15	12 10	14/24		med. Dense	Tan	Brown sandy clay lens (2") Fine to med. grain sand	(SC) SP	10. ppm OVA
									Auger
									Down
	23								
S-2 @		5 3			loose	Tan	Fine to medium	SP	Saturated
0836	25	4 3	23/24		loose		grain sand		NO OVA

REMARKS
2"x 24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-MW04

PAGE 1 OF 3

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC- MW04-I
PROJECT NO.: 0206 DATE: 7-26-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	25								Auger
									Down
									↓
	30								↓
									↓
	33								↓
S-3 @		5/4			loose	Tan	Fine to medium	SP	Saturated
0846	35	5/5	12/24		med. dense		grain Sand		NO OVA
									Auger
									Down
									↓
	40								↓
									↓
	43								↓
S-4 @		4/4			loose	Brown	Coarse grained	GP	Small Recov.
0856	45	5/4	1/24		loose		Sand Some fines		NO OVA
							1" - Subround pebble		Auger
									Down
									↓
	50								↓

REMARKS
2"x24" Splitspoon Sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-MW04-

PAGE 2 OF 2

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MW04-I
PROJECT NO.: 0206 DATE: 7-26-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	51		~~57~~						
									Harder drilling a
	53				very	Gray	Silty micaceous clay	CL-MH	Per driller remar Saturated
S-5 @		7/9			Stiff		medium plasticity		NO OVA
0909	55	11/8	18/24		very stiff		Cohesive / plastic when		Auger
							wet - powdery/floury		Down
							when dry and rolled		
	60								
	63								
S-6 @		4/3			med. stiff	Gray	Silty micaceous clay	CL-MH	Saturated
0920	65	4/5	20/24		Stiff		med. plasticity		NO OVA
							Same as above		Auger
									Down
	70								
	73								
S-7 @		3/3			med. stiff	Gray	Silty micaceous clay	CL-MH	Saturated
0934	75	3/3	18/24		med. stiff		Same as above		NO OVA
							-E.O.B.-		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FCMW04-

PAGE 3 OF 3

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC- MW05-S
PROJECT NO.: 0206 DATE: 7-15-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		4/2			loose	Dark Brown	Grass/roots Silty Sand w/pebbles	SM	Dry
–	2.0	7/2	18/24		loose	Orange Brown	Silty Fine grain Sand.	SM	NO OVA
S-2 @		8/5			med dense	orange Brown			Dry
–	4.0	2/3	15/24		loose			SM	NO OVA
S-3 @		8/4			med. dense	Tan			moist to wet
–	6.0	3/2	18/24		loose			SM	NO OVA
S-4 @		2/1		▼	very loose	Tan	Fine grained Sand	SP	Saturated
–	8.0	2/1	15/24		very loose		" " "		NO OVA
									Auger Down
	10.0								
	13.0								
S-5 @		4/5			loose	Tan	Fine grained Sand	SP	Saturated
–	15.	5/7	18/24		med. dense		Some Subrnd. pebbles		NO OVA
							– E.O.B. –		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - Mobile Drill B-61

* See Legend on Back

BORING FC-MW05-S
PAGE 1 OF 1

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-mw05-I
PROJECT NO.: 0206 DATE: 7-18-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
							See boring log		Auger
							FC-mw05-S for		Down
							lithology from		
							0' to 6'		
	6.0								
S-1 @		5 / 2			loose	Brown	Silty Fine grained Sand with SR pebbles	Sm	Dry to moist
1126	8.0	2 / 2	19/24		loose	Tan	Fine grained Sand	SP	Saturated NO
									Auger
	10.								Down
	15.0								
	18								
S-2 @		6 / 6			med. Dense	Tan	Fine grained Sand	SP	NO OVA
1135	20	6 / 6	14/24		med. dense	or. brn Tan	Silty Fine gr. sand less Fine grain Sand	Sm SP	Saturated
									Auger
									Down
	25								

REMARKS
2"x24" Splitspoon sample barrels = 8
HSA = 80' 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-mw05

PAGE 1 OF 4

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-mw05-I
PROJECT NO.: 0206 DATE: 7-18-94 DRILLER: Aquifer Drilling - Tes:
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	28								
S-3 @		7 / 7			med. dense	Tan	Fine grained Sand	SP	Saturated
1147	30	7 / 7	12/24		med. dense		with trace medium gr.		NO OVA
									Auger
									Down
	35								
	38								
S-4 @		10 / 10			med. dense	Tan	Fine grained Sand	SP	Saturated
1158	40	11 / 11	24/24		med. dense		w/ trace medium grains		NO OVA
									Auger
									Down
	45								
	48								
S-5 @		8 / 7			med. dense	Tan	Fine grained Sand	SP	Saturated
1214	50	8 / 7	16/24		med. dense		w/ trace medium grained Sand		NO OVA

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-MW05-I

PAGE 2 OF 1

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRA- CALVERTON CTO-138 BORING NO.: FC-MW05-I
PROJECT NO.: 0206 DATE: 7-18-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger
									Down
									↓
	55								
									↓
									Some
									Gray fines in
	58								borehole wash
S-6 @		3/4			—	—	N/A	—	NO Recovery
1225	60	4/3	0/24		—	—	N/A	—	
									Auger
									Down
									↓
	65								
									↓
	68								
S-7 @		4/4			med. stiff	Gray	micaceous silty clay	MH	Saturated
1237	70	4/4	17/24		med. stiff		(plastic)	MH	NO OVA
							(gumbotil)		Auger
									Down
									↓
	75								

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-MW05

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MW05-I
PROJECT NO.: 0206 DATE: 7-18-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger Down
									↓
	78								
S-8 @		6 7			Stiff	Gray	micaceous silty	MH	Saturated
1249	80	8 7	24/24		Stiff		clay (quimbotti)		NO OVA
							-E.O.B.-		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

BORING FC-MW05-I

PAGE 4 OF

* See Legend on Back

BORING LOG — **HALLIBURTON NU**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FC-MW06-S
PROJECT NO.: 0206 DATE: 7-20-94 DRILLER: Aquifer Drilling - Te
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY / SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		3 / 3			loose	Brown Brown	Silt grass/roots Silty Sand w/ pebbles	SM	Dry
1442	2.0	8 / 10	20/24		med. Dense	orange brown	Silty Fine grain Sand	SM	NO OVA
S-2 @		14 / 6			med. Dense	orange brown	Silty Fine grained	SM	moist
1447	4.0	3 / 4	18/24		loose		Sand		NO OVA
S-3 @		6 / 7			med. Dense		↓		moist
1452	6.0	9 / 7	16/24		med. Dense	light Tan	Fine grained Sand Some pebbles	SP	0.2 ppm
S-4 @		12 / 13			med. Dense	light Tan	Fine grained Sand	SP	moist
1456	8.0	15 / 10	12/24		med Dense				NO OVA
S-5 @		16 / 12			med. Dense	light Tan	(Some Subround pebbles)	SP	moist to w
1500	10.0	12 / 10	14/24		med Dense				NO OVA
S-6 @		15 / 15		▼ 11'	med. Dense	light Tan		SP	Saturated
1506	12.0	10 / 5	13/24		med. Dense		↓		NO OVA
									Auger
									Down
	15.								↓
	17								↓
S-7 @		4 / 5			loose	Tan	Fine grained Sand	SP	Saturated
1513	19.	5 / 5	21/24		loose		Some Subround pebbles		NO OVA
							-E. O. B.-		

REMARKS
2"x24" Splitspoon sample barrels = 7
HSA = 19' 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FC-MW0

PAGE 1 OF

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW01-S
PROJECT NO.: 0206 DATE: 8-01-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		12 / 12			med. dense	Brown	Grass/roots Silty Fine grain Sand	SM	Dry
1009	2.0	12 / 12	18/24		med dense	light Brown	Silty Fine grain Sand	SM	NO OVA
S-2 @		6 / 6			med dense	light Brown	Silty Fine grain	SM	Damp 1/4" - thick peat lens
1014	4.0	6 / 6	18/24		med dense		Sand - many pebbles		NO OVA
S-3 @		20 / 10			med dense	Brown	Silty F.G. Sand (many pebbles)	SM	moist
1019	6.0	8 / 7	16/24		med dense	Tan	Fine grain Sand	SP	Damp NO OVA
S-4 @		6 / 7			med dense	Tan	Fine grain sand with		moist
1027	8.0	7 / 8	17/24		med dense		subround pebbles (orange banding)	SP	NO OVA
S-5 @		3 / 7			med dense	Tan	Fine grain Sand	SP	moist
1032	10.0	7 / 8	18/24		med dense	Tan	Fine to medium gr Sand		NO OVA
S-6 @		7 / 7			med dense	Tan	Fine grain Sand	SP	moist
1038	12.0	7 / 8	18/24		med dense		Some medium (orange banding)		NO OVA
S-7 @		7 / 5			med dense	Tan	Fine to medium	SP	moist
1043	14.0	7 / 5	14/24		med dense		grain Sand (brown banding)		NO OVA
S-8 @		8 / 9			med dense	Tan	Fine grain Sand	SP	moist to wet
1048	16.0	12 / 9	14/24		med dense		" " "		NO OVA
S-9 @	-	6 / 5		▼ 17'	med dense	Tan	Fine to medium	SP	Saturated
1053	18.0	5 / 5	16/24		med dense		grain sand		NO OVA
									Auger
									Down
									↓
	23								▼
S-10 @		3 / 4			loose	light Brown	Fine to medium	SP	Saturated
1103	25	3 / 4	24/24		loose		grain Sand		NO OVA
							- E.O.B. -		

REMARKS
2"x 24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FD-MW01-S

PAGE 1 OF

BORING LOG — HALLIBURTON NU

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FD-MW01-I
PROJECT NO.: 0206 DATE: 7-28-94 DRILLER: ADT
ELEVATION: FIELD GEOLOGIST: Paul Davis
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH (ft) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	1.0								Auger
									Down
	5.0						See boring log		
							FD-MW01-S for		
							lithology from		
							0' to 23'		
	10.0								
	15.0								
				▼:17'					
	20								
	23								▼
S-1 @		3 4			loose	Brown	Fine to medium	SP	Saturated
1404	25	4 7	3/24		loose		grain Sand		no odor

REMARKS 8"x24" Split spoon sample barrels =
3"x24" Split spoon sample barrels =
HSA = 140 lb. hammer/30"

* See Legend on Back

BORING FD-MW01-I

PAGE 1 OF 4

BORING LOG

HALLIBURTON NL

PROJECT: NWIRP - CALVERTON CTO-138 BORING NO.: FD-MW01-I

PROJECT NO.: 0206 DATE: 7-28-94 DRILLER: ADT

ELEVATION: FIELD GEOLOGIST: Paul Davis

WATER LEVEL DATA: (Date, Time & Conditions)

SAMPLE NO & TYPE	DEPTH FT OR RUN NO.	BLOWS 6" OR RQD FT	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger
									Down
	30								
	33								
S-2 @		3 3			loose	light Brown	Fine to medium	SP	Saturated
1416	35	4 3	14/24		loose		grained sand		NO OVA
									Auger
									Down
	40								
	43								
S-3 @		4 4			loose	—	N/A	—	NO Recovery
1426	45	3 4	0/24		loose	—	N/A	—	NO Recover.
									Auger
									Down
	50								

REMARKS 8"x24" Splitspoon Sample barrels =
3"x24" Splitspoon Sample barrels =
HSA = 140 lb. hammer/30"

BORING FD-MW01

PAGE 2

* See Legend on Back

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW01-I
PROJECT NO.: 0206 DATE: 7-28-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	53.								
S-4 @		4 6			loose	light Brown	Fine to medium	SP	Saturated
1436	55.	4 6	21/24		loose		grained Sand		NO OVA
									Auger Down
	60.								
									Harder drilling a
									per drillers Commen
	63.								
S-5 @		4 4			Med Stiff loose	Brown Gray	micaceous Silty Clay	MH	NO OVA
1452	65.	4 5	12/24		M. Stiff loose				Saturated
									Auger Down
	70.								Gray colored fin cuttings
	75.								

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FD-MW01

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW01-I

PROJECT NO.: 0206 DATE: 7-28-94 DRILLER: Aquifer Drilling - Test

ELEVATION: FIELD GEOLOGIST: PAUL DAVIS

WATER LEVEL DATA:

(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger down
									↓
	78								
5-6 @		5/6			Stiff	Brownish Gray	micaceous silty clay	MH	Saturated NO OU
1508	80	6/6	24/24		Stiff		"		(gumbotil)
							E.O.B.		

REMARKS

2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer/30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FD-MW01-I

PAGE 4 OF

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW02-S
PROJECT NO.: 0206 DATE: 8-02-94 DRILLER: Aquifer Drilling-Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		8 / 7			med dense	Drk Brn Yellowish	peat material	PT	Dry
1008	2.0	6 / 5	23/24		med dense	orange	Fine grain sand with some silt & SR pebbles	SP	NO OVA
S-2 @		12 / 10			med dense	Yellowish orange	Fine grain sand with	SP	Dry
1018	4.0	9 / 9	18/24		med dense		Some silt & subrand pebbles		NO OVA
S-3 @		4 / 4			loose	light Tan	Fine to medium	SP	moist
1025	6.0	4 / 4	16/24		loose		grain sand Trace of SR pebbles		NO OVA
S-4 @		6 / 5			med dense	light Tan		SP	moist
1029	8.0	4 / 4	16/24		loose				0.2 ppm
S-5 @		7 / 5			med dense	light Tan		SP	moist
1032	10.0	7 / 5	17/24		med dense				NO OVA
S-6 @		5 / 5			loose	light Tan		SP	moist
1036	12.0	4 / 4	19/24		loose				NO OVA
S-7 @		4 / 5			med dense	light Tan		SP	moist
1040	14.0	6 / 5	18/24		med dense		(light brown 2" thick band)		NO OVA
S-8 @		6 / 4		▼ = 15'	loose	light Tan		SP	Saturated 15'
1045	16.0	3 / 4	20/24		loose			SP	NO OVA
									Auger
									Down
	21								
S-9 @		4 / 3			loose	light Brown	Fine to medium	SP	saturated
1053	23	2 / 2	24/24		loose		grain sand some SR pebbles		NO OVA
							—E.O.B.—		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FDmw02

PAGE 1 OF 1

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW02-I
PROJECT NO.: 0206 DATE: 8-05-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger Down
							See boring log FD-MW02-S for lithology from 0' to 23'		
	5.0								
	10.0								
	15.0			▼ 15'					
	20.								
	23								▼
S-1 @		4/3			loose	light brown	Fine to medium grain Sand Some pebbles	SP	Saturated
0850	25	5/3	18/24		loose				No odor

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

BORING FD-MW02-I
PAGE 1 OF

* See Legend on Back

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW02-I
PROJECT NO.: 0206 DATE: 8-05-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger
									Down
	30								
	33								
S-2 @		4 3			loose	light Brown	Fine to medium grain	SP	Saturated
0858	35	3 3	17/24		loose		Sand Some Coarse & pebbles SR		NO OVA
									Auger
									Down
	40								
	43								
S-3 @		3 3			loose	light Brown	Fine to medium grain	SP	Saturated
0905	45	3 2	12/24		loose		Sand - Some Coarse grains		NO OVA
									Auger
									Down
	50								

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FDMW02
PAGE 2 OF 4

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW 02-I
PROJECT NO.: 0206 DATE: 8-05-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	53								
S-4 @		3 5			med. dense	light brown	Fine to medium gr. Sand	SP	Saturated
0917	55	7 5	15/24		med dense	Brown	Very fine grain sandy micaceous silty clay	MH	NO OVA
									Auger Down
	60								
	63								
S-5 @		7 6			med dense	Brownish gray	Very fine grain Sandy	MH	Saturated
0929	65	6 7	10/24		med dense		micaceous silty clay		NO OVA
									Auger Down
	70								
	73								
S-6 @		5 4			loose	Brownish gray	micaceous silty clay (gumbotil)	MH	Saturated
0935	75	4 3	24/24		loose				NO OVA

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FDmw02-I

PAGE 3 OF

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW02-I
PROJECT NO.: 0206 DATE: 8-05-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger
									Down
									↓
	80								
							-E.O.B.-		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FDmw02-I
PAGE 4 OF 4

HALLIBURTON NUS

BORING LOG

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW03-S
PROJECT NO.: 0206 DATE: 8-01-94 DRILLER: Aquifer Drilling-Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		12 / 13			med. dense	Brown	Silty very Fine grain Sand	Sm	Dry
1540	2.0	15 / 17	18/24		Dense	light Brown	Fine grain Sand w/ pebbles		NO OVA
S-2 @		3 / 2			loose	light Brown	Fine to medium	SP	Dry
1547	4.0	2 / 3	13/24		loose		grain Sand with 1/2"-dia. pebbles		NO OVA
S-3 @		4 / 4			loose	light Brown	↓	SP	moist
1551	6.0	3 / 3	15/24		loose		↓		NO OVA
S-4 @		17 / 8			med dense	light Tan	Fine grained sand	SP	moist
1554	8.0	8 / 7	17/24		med dense		" " "		0.2 ppm
S-5 @		8 / 7			med dense	light Tan	Fine to medium grain	SP	moist
1558	10.0	8 / 7	17/24		med dense		Sand with Subround pebbles		NO OVA
S-6 @		8 / 8			med dense	light Tan	↓	SP	moist
1602	12.0	8 / 8	20/24		med dense		↓		NO OVA
S-7 @		7 / 4			med dense	light Tan	Fine to medium	SP	moist
1608	14.0	7 / 5	18/24		med dense		grained Sand		NO OVA
S-8 @		8 / 8			med dense	light Tan	2"-thick (gray layer lens)		moist to wet
1612	16.0	6 / 4	18/24		med dense		↓	SP	0.2 ppm
S-9 @	-	5 / 7			med dense	light Tan	↓		wet - Saturation at very bottom of spoon
1619	18.0	7 / 7	12/24		med dense		↓	SP	NO OVA
S-10 @		8 / 7		▼ = 18.5'	med dense	light Brown	↓		wet to Saturated
1625	20.0	8 / 8	17/24		med dense		↓	SP	NO OVA
									Auger
									Down 5'
									↓
	25.0								
S-11 @		3 / 5			loose	light Brown	Fine to medium grain	SP	Saturated
1631	27.0	3 / 3	24/24		loose		Sand-some SR pebbles		NO OVA

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FD MW02-S

PAGE 1 OF 1

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-mw03-I
PROJECT NO.: 0206 DATE: 8-04-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger Down
							See boring log FD-mw03-S for lithology from 0' to 27'		
	5								
	10								
	15								
				▼ 18.5'					
	20								
	25								▼

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FDmw03

PAGE 1 OF 4

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW03-I
PROJECT NO.: 0206 DATE: 8-04-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	28.								
S-1 @		3/3			loose	light Brown	Fine to medium	SP	Saturated
1103	30.	5/3	24/24		loose		grained Sand trace pebbles		NO OVA
									Auger
									Down
	35								
	38								
S-2 @		8/9			med dense	light Brown	Fine to medium	SP	Saturated
1109	40	10/9	14/24		med dense		grained Sand		NO OVA
									Auger
									Down
	45								
	48								
S-3 @		4/5			loose	light Brown	Fine to medium	SP	Saturated
1118	50.	7/5	24/24		med dense		grained Sand		No OVA

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FDMW03-I
PAGE 2 OF

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW03-I
PROJECT NO.: 0206 DATE: 8/3-94 DRILLER: Aquifer Drilling - Test
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger
									Down
									↓
	55								
	58								
S-4 @		2 2			—	—	N/A	—	NO Recovery
1130	60	4 2	0/24		—	—	N/A	—	NO Recovery
									Auger
									Down
									↓
	65								
									↓
	-								Gray color fines in w
	68								
S-5 @		5 7			Stiff	Brown/Gray	Very fine grain Sandy	MH	Saturated
1147	70	7 5	14/24		Stiff		micaceous silty clay (gumbotil)		NO OVA
									Auger
									Down
									↓
	75								

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FDmw03-I

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW03-I

PROJECT NO.: 0206 DATE: 8-3-94 DRILLER: Aquifer Drilling - Tes

ELEVATION: FIELD GEOLOGIST: PAUL DAVIS

WATER LEVEL DATA:

(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	78								
S-6 @		6 6			Stiff	Brownish Gray	micaceous silty (Tumbotil)	mH	Saturated
1200	80	5 4	17/24		Stiff		clay		No OVA
							- E.O.B. -		Sticky

REMARKS

2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FD-MW03-I

PAGE 4 OF

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW04-S
PROJECT NO.: 0206 DATE: 8-01-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @		5/5			med stiff	Brown	Silty Fine grain Sand	SM	Dry NO OVA
1255	2.0	3/7	24/24		med dense	orange Brown	Silty Fine grain Sand	SM	with pebbles
S-2 @		6/6			med dense	orange Brown	↓		moist
1308	4.0	6/13	16/24		med dense	light Brown	Fine to Med. grain Sand pebbles	SP	0.2 ppm
S-3 @		6/8			med dense	light Brown	Fine to medium	SP	moist
1313	6.0	8/9	15/24		med dense		grain Sand with pebbles		NO OVA
S-4 @		5/5			med dense	Tan	Fine grain Sand	SP	moist
1317	8.0	9/14	17/24		med dense		(orange banding) with SR pebbles		NO OVA
S-5 @		4/5			loose	Tan		SP	moist
1320	10.0	6/5	18/24		med dense				NO OVA
S-6 @		7/5			med dense	light Tan	orange banding	SP	moist
1326	12.0	6/4	16/24		med dense				NO OVA
S-7 @		6/7			med dense	light Tan	Fine to medium	SP	moist to wet
1330	14.0	8/5	19/24		med dense		grain Sand		NO OVA
S-8 @		8/6		▼ = 16'	med dense	light Tan		SP	Wet to Satu
1336	16.0	5/6	21/24		med dense				NO OVA
									Auger
									Down
									↓
	21								
S-9 @		8/5			med dense	light Brown	medium grain Sand 1/2" Ø SR pebbles	SP	Saturated
1349	23	6/6	24/24		med dense	Bluish Gray	Fine to medium grain Sand		2.2 ppm petrole odor
							-E.O.B.-		

REMARKS
2"x24" Splitspoon Sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

BORING FDMW

PAGE 1 OF 1

* See Legend on Back

BORING LOG

HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW04-I

PROJECT NO.: 0206 DATE: 8-03-94 DRILLER: Aquifer Drilling - Tes

ELEVATION: FIELD GEOLOGIST: PAUL DAVIS

WATER LEVEL DATA:

(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									See Boring Log
									FD-MW04-
									for descriptions
									from 0 to 2'
	5								
									Auger
									Down
	10								
	15								
				▼ 16'					
	20								
	25								

REMARKS

2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FDMW04-I

PAGE 1 OF 1

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW04-I
PROJECT NO.: 0206 DATE: 8-03-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA :
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
S-1 @	25	7/5			med dense	Brown	Fine to medium	SP	Saturated
B04	27	6/8	14/24		med dense		grained sand		NO OVA
									Auger
									Down
									↓
	35								↓
S-2 @		5/7			med dense	Brown	Fine to medium	SP	Saturated
1314	37	5/6	16/24		med dense		grained sand		NO OVA
									Auger
									Down
									↓
	45								↓
S-3 @		5/4			loose	Brown	Fine to medium	SP	Saturated
1324	47	6/5	14/24		med dense		grained sand		NO OVA
									Auger
									Down
	50								↓

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FDMW04

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW04-I
PROJECT NO.: 0206 DATE: 8-03-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
									Auger Down
									↓
	55								↓
S-4 @		3/4			med. stiff	Brown/Gray	Very fine grained sandy	MH	Saturated
1336	57.	3/4	19/24		med stiff		micaceous silt		NO OVA
									Auger Down
									↓
	65.								↓
S-5 @		4/5			Stiff	Brown/Gray	micaceous silty	MH	Saturated
1352	67.	5/6	14/24		Stiff		Clay		NO OVA
									Auger Down
	70.								↓
	75.								↓

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - Mobile Drill B-61

* See Legend on Back

BORING FD-MW04-I

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW04-I
PROJECT NO.: 0206 DATE: DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 6" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	78								
S-6 @		3 4			Med. Stiff	Brownish gray	Micaceous Silty	MH	Saturated
1409	80	4 5	14/24		Stiff		Clay		No OVA
							- E.O.B. -		

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

BORING FD-MW04

PAGE 4 OF 4

* See Legend on Back

BORING LOG — HALLIBURTON NUS

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW05-S
PROJECT NO.: 0206 DATE: 8-02-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (ft.) OR RUN NO.	BLOWS 5" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	1.0						Concrete		Auger thru it
S-1 @		6 / 5			med. Dense	orange Brown	Silty Fine grain	SM	MOIST
1318	3.0	3 / 4	20/24		loose		Sand with Subround pebbles		NO OVA
S-2 @		6 / 5			med. Dense	orange Brown	↓	SM	MOIST
1322	5.0	5 / 6	18/24		med. dense		↓		0.4 ppm
S-3 @		4 / 4			loose	orange Brown	↓	SM	MOIST
1328	7.0	6 / 7	14/24		med. dense	Tan	Fine grain Sand with orange banding	SP	NO OVA
S-4 @		12 / 8			med. dense	Tan	Fine to medium	SP	moist
1332	9.0	7 / 5	19/24		med dense		grain Sand some pebbles (orange banding)		NO OVA
S-5 @		3 / 3			loose	Tan	↓	SP	MOIST
1338	11.0	4 / 4	17/24		loose		↓		NO OVA
S-6 @		6 / 5			med dense	Tan	↓	SP	MOIST
1342	13.0	6 / 6	17/24		med dense		↓		NO OVA
S-7 @		5 / 5			med dense	Tan	↓	SP	MOIST
1346	15.0	7 / 5	16/24		med dense		↓		NO OVA
S-8 @		5 / 5			med dense	Tan	↓	SP	moist to wet
1351	17.0	3 / 3	19/24		loose		↓		NO OVA
S-9 @		3 / 3		▼ = 18'	loose	light Brown	↓	SP	Saturated
1357	19.0	5 / 3	/24		loose		↓		NO OVA
									Auger
									Down
									↓
	24.0								
S-10 @		3 / 3			loose	light Brown	Fine to medium	SP	Saturated
1409	26.0	5 / 5	24/24		loose		grain Sand w/ pebbles		NO OVA

REMARKS
2"x 24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

BORING FD-MW05-S
PAGE 1 OF 1

* See Legend on Back

BORING LOG — **HALLIBURTON NUS**

PROJECT: NWIRP- CALVERTON CTO-138 BORING NO.: FD-MW 06-5
PROJECT NO.: 0206 DATE: 8-03-94 DRILLER: Aquifer Drilling - Tes
ELEVATION: FIELD GEOLOGIST: PAUL DAVIS
WATER LEVEL DATA:
(Date, Time & Conditions)

SAMPLE NO. & TYPE	DEPTH (Ft.) OR RUN NO.	BLOWS 6" OR RQD (%)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION* SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION	ROCK BR. OR USCS	REMARKS
	1.0						Concrete -		Auger through
S-1 @		4/4	0/24		loose	—	N-A	—	No recovery
0903	3.0	6/4	0/24		loose	—	N/A	—	No recover
S-2 @		8/7	/24		med. dense	light Brown	Fine to medium	SP	moist
0907	5.0	9/7	0/24		med dense		grain Sand w/ pebbles		NO OVA
S-3 @		2/2	/24		loose	Tan		SP	moist
0912	7.0	2/2	15/24		loose				No OVA
S-4 @		1/2	/24		very loose	Tan		SP	moist
0916	9.0	2/2	14/24		very loose				No OVA
S-5 @		4/3	/24		loose	light Brown		SP	0.4 ppm
0920	11.0	4/4	20/24		loose				moist
S-6 @		4/4	/24		loose	light Tan	Fine grain Sand	SM	3.4 ppm
0925	13.0	4/3	16/24		loose				Moist Petrol odors
S-7 @		3/4	/24		loose	light Tan			moist
0929	15.0	2/4	17/24		loose				20 ppm Petrol odor
S-8 @		4/4	/24		loose	light Tan	Fine to medium	SP	moist to wet
0935	17.0	5/4	19/24		loose		grain Sand		40 ppm Petrol odors
S-9 @		3/4		▼:18'	loose	gray	Fine to medium	SP	Saturated
0940	19.0	4/5	18/24		loose		grain Sand		1000+ ppm petro odo
									Auger
									down
	24								
S-10 @		5/7			med dense	gray	Fine to medium	SP	80 ppm
0949	26	6/7	18/24		med dense		grain Sand		Saturated Petrol. odor

REMARKS
2"x24" Splitspoon sample barrels =
HSA = 140 lb hammer / 30"
Drill Rig - mobile Drill B-61

* See Legend on Back

BORING FD-MW06-

PAGE 1 OF 1

APPENDIX C

CHAIN OF CUSTODY RECORDS

RECRA
CHAIN OF CUSTODY

1-08

NUS CORPORATION AND SUBSIDAIRES

#1 RECRA

CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] Paul M. [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	PEST./PCB TAL METALS & CYANIDE	BNA, PEST./PCB TAL METALS & CYANIDE				REMARKS
NP-SB01	4/12/94	0900		X	NP-SB01-0810-TB	2	2✓						AQUEOUS w/HCl
NP-SB01		0915		X	NP-SB01-0810	1		1✓					SOIL
NP-SB01		0915		X	NP-SB01-0810-DU1	1		1✓					
NP-SB01		0938		X	NP-SB01-1416-	2	1✓		1✓				DO MS/MSD/LD
NP-SB01		1000		X	NP-SB01-1820	1		1✓					
NP-SB02		1039		X	NP-SB02-0810	1		1✓					
NP-SB02		1128		X	NP-SB02-1820	1		1✓					
NP-SB03		1403		X	NP-SB03-1618	2	1✓		1✓				
NP-SB03		1403		X	NP-SB03-1618-DU2	2	1✓		1✓				
NP-SB03		1417		X	NP-SB03-1820	1		1✓					
NP-SB04		1511		X	NP-SB04-1214	1		1✓					
NP-SB04		1520		X	NP-SB04-1416	2	1✓		1✓				
NP-SB05		1600		X	NP-SB05-0810	1		1✓					
NP-SB05		1610		X	NP-SB05-1012	1		1✓					

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	4/13/94 0900	FEDERAL EXPRESS AB# 5734752321			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): Ushat	DATE / TIME: 4-14-94 11am	REMARKS: SHIPPED to RECRA ENVIRONMENTAL ATTEN: LINDA SHAFERNICH	

NUS 440 REVISED 0890

NUS CORPORATION AND SUBSIDAIRES

#2 RECRA CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	~~PB~~ PCB/Pesticide TAL METALS & CYANIDE	VOLATILES W/HCl	BNAS	PESTICIDES/PCBS	TAL METALS W/HNO3	CYANIDE W/NaOH	REMARKS
NP-SB05	4/12/94	1620		X	NP-SB05-1416	1	1						SOIL
NP-SB05	4/12/94	1650		X	NP-SB05-1416-RB	7		2	2	1	1	1	AQUEOUS (TO ANALIZE)
NP-SB05	4/13/94	0800		X	NP-SB05-1416-FB1	7		2	2	1	1	1	↓
NP-SB05	4/13/94	0830		X	NP-SB05-1416-FB2	7		2	2	1	1	1	↓

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	4/13/94 0900	FEDERAL EXPRESS AB# 5734752321			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): [signature]	DATE / TIME: 4-14-94 11AM	REMARKS: SHIPPED to RECRA ENVIRONMENTAL ATTEN: LINDA SHAFERNICH	

NUS 440 REVIS

0005

Halliburton NUS CORPORATION — NUS LABORATORY — #3RECRA — **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): Paul M. Dani

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES + FREON	TAL METALS + CYANIDE	TAL METALS	CYANIDE			REMARKS
CL0618	4/13/94	0839		X	CL0618-SB18-0406	2	1	1					SOIL
CL0618	4/13/94	0850		X	CL0618-SB18-0608	2	1	1					
CL0611	4/13/94	0956		X	CL0611-SB19-1012	2	1	1					
CL0611	4/13/94	1004		X	CL0611-SB19-1214	2	1	1					DO MS/MSD/LD
CL0613	4/13/94	1109		X	CL0613-SB20-1214	2	1	1					
CL0613	4/13/94	1109		X	CL0613-SB20-1214-DUB STE + TR	2	1	1					
CL0613	4/13/94	1113		X	CL0613-SB20-1416	2	1	1					
CL08001	4/13/94	1147		X	CL08001-SB21-0406	2	1	1					
CL08001	4/13/94	1216		X	CL08001-SB21-1214	2	1	1					
CL08001	4/13/94	1237		X	CL08001-SB22-0406	2	1	1					
CL08001	4/13/94	1256		X	CL08001-SB22-1012	2	1	1					
CL0618	4/13/94	0800		X	CL0618-SB18-0406-TB	2	2						AQUEOUS
CL08001	4/14/94	0730		X	CL08001-SB22-1012-RB1	4	2		1	1			Hold IF Problems Occur

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	4/14/93 0900	FEDERAL EXPRESS AB# 5734752332			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): [signature]	DATE / TIME: 4/15/94 11AM	REMARKS: SHIPPED to RECRA ENVIRONMENTAL, INC ATTN LINDA SHAFERNICH	

NUS 440 REVISED 0891

NUS CORPORATION AND SUBSIDAIRES

#4 RECRA

CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): Paul M. Davis

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES & FREON	TAL METALS & CYANIDE	TAL METALS	CYANIDE			REMARKS
CL0673	4/14/94	0800		X	CL0673-SB230507-TB	2	2						AQUEOUS
CL0673	4/14/94	0829		X	CL0673-SB23-0507	2	1	1					SOIL
CL0673	4/14/94	0836		X	CL0673-SB23-0709	2	1	1					
CL0642	4/14/94	0949		X	CL0642-SB24-1012	2	1	1					
CL0642	4/14/94	1015		X	CL0642-SB24-1618	2	1	1					
CL0703	4/14/94	1254		X	CL0703-SB25-1214	2	1	1					
CL0703	4/14/94	1301		X	CL0703-SB25-1416	2	1	1					
CL0703	4/14/94	1337		X	CL0703-SB26-0608	2	1	1					
CL0703	4/14/94	1411		X	CL0703-SB26-1416	2	1	1					
CL0703	4/14/94	1457		X	CL0703-SB27-0608	2	1	1					
CL0703	4/14/94	1530		X	CL0703-SB27-1416	2	1	1					
CL0703	4/14/94	1600		X	CL0703-SB28-0204	2	1	1					
CL0703	4/14/94	1650		X	CL0703-SB28-1416	2	1	1					
CL0703	4/15/94	0720		X	CL0703-SB28-1416-RB	4	2		1	1			AQUEOUS to be analized

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Davis	4/15/94 0910	FEDERAL EXPRESS AB# 5734752343			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): Ushat	DATE / TIME: 4/16/94 12pm	REMARKS: SHIPPED to RECRA ENVIRONMENTAL FOR ANALYSIS Attn Linda SHAFERNICH	

NUS 440 REVISI

NUS CORPORATION AND SUBSIDAIRES #5 RECRA **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): Paul M. Davis [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES AND FREON	TAL METALS & CYANIDE	TAL METALS	CYANIDE			REMARKS
CL0617	4/15/94	0800		X	CL0617-SB29-0406-TB	2	2						AQUEOUS
CL0617	4/15/94	0921		X	CL0617-SB29-0406	2	1	1					SOIL
CL0617	4/15/94	0921		X	CL0617-SB29-0406-DU	2	1	1					
CL0617	4/15/94	0939		X	CL0617-SB29-0810	2	1	1					
CL0617	4/15/94	1012		X	CL0617-SB30-0406	2	1	1					
CL0617	4/15/94	1046		X	CL0617-SB30-1012	2	1	1					
CL0617	4/15/94	1145		X	CL0617-SB30-1012-RB	4	2		1	1			AQUEOUS (ANALIZE IF Problems OCCUR)

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Paul M. Davis	4/15/94 1400	FEDERAL EXPRESS AB# 5734752354			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): Ushat	DATE / TIME: 4/16/94 12pm	REMARKS: SHIPPED to RECRA ENVIRONMENTAL FOR ANALYSIS Attn. LINDA SHAFERNICH	

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NUS CORPORATION AND SUBSIDAIRES

#6 RECRA

CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWERP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	PCB/PESTICIDE (16oz Jar or Glass Amber)	TAL INORGANIC (4oz Jar)	TCL VOLATILES (4oz Jar)	PCB/PESTICIDE & SEMIVOLATILES (16oz Jar or Glass Amber)	* ENG. SAMPLES SEE REMARKS	TCL VOLATILES (40ml Vials)	TAL METALS (1000ml Plastic)	CYANIDE (500ml Plastic)	TEMPERATURE (PLASTIC)	REMARKS
NP-ST01	4/18/94	1510		X	NP-ST01-0506	2	1 ✓	✓1								SOIL
NP-ST01	4/18/94	1630		X	NP-ST01-0506-RB TR 4/19	3	1 ✓						✓1	✓1		RINSATE BLANK to ANALIZE
TEMP 1	4/19/94	1630		X	TEMP BLANK	1									X 1	TEMPERATURE BLANK AQUEOUS
NP-ST07	4/19/94	1052		X	NP-ST07-0607	2	✓1	✓1								SOIL
NP-WST	4/19/94	0800		X	NP-WST07-0102-TB	2						X 2				LAB PREPARED AQ. TRIP BLANK
NP-WST	4/19/94	1059		X	NP-WST07-0102	12 ~~10~~ TR 4/19		✓1	✓1	✓ ***3	7					MS/MSD/LD *** 2 EXTRA 16oz Jars
NP-ST09	4/19/94	1200		X	NP-~~WS~~ST09-0304 TR 4/19	2	✓1	✓1								SOIL
NP-WST	4/19/94	1340		X	NP-WST07-0102-RB	7				X 3		X 2	X 1	X 1		RINSATE BLANK to ANALIZE
																* Eng. Sample: HEXAVALENT CHROMIUM
																Ignitability, Corrosivity, Reactivity, TOC, TPH
																BTU, TCLP

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	4/19/94 1700	FEDERAL EXPRESS AB# 5734752365			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA ENVIRONMENTAL FOR ANALYSIS ATTN: LINDA SHAFERNICH	
		[signature]	4/20/94 12:00		

NUS 440 REVISED 90

NUS CORPORATION AND SUBSIDAIRES — #7 RECRA — CHAIN OF CUSTODY RECORD

PROJECT NO.: 0202

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] Paul M. [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES + FREON	TAL METALS + CYANIDE	EXTRA 4oz JAR FOR MS/MSD/LD	TAL METAL	CYANIDE	TEMPERATURE BLANK	REMARKS
CL0617	4/19/94	0800		X	CL0617-SB31-0204-TB	2	2						AQ. TRIP BLANK
CL0617	4/19/94	0839		X	CL0617-SB31-0204	3	1	1	1				MS/MSD/LD (EXTA 4oz Jar)
CL0617	4/19/94	0910		X	CL0617-SB31-1012	2	1	1					
CL0617	4/19/94	0910		X	CL0617-SB31-1012-DU	2	1	1					
CL0617	4/19/94	0952		X	CL0617-SB32-0406	2	1	1					
CL0617	4/19/94	1015		X	CL0617-SB32-1012	2	1	1					
CL0617	4/19/94	1020		X	CL0617-SB32-1012-RB	4	2			1	1		AQ. RINSATE BLANK to ANALIZE
CP-SB10	4/19/94	1050		X	CP-SB10-0002	1	1						
CP-SB10	4/19/94	1059		X	CP-SB10-0406-DU	1	1						
CP-SB10	4/19/94	1059		X	CP-SB10-0406	1	1						
CP-SB09	4/19/94	1124		X	CP-SB09-0204	1	1						
CP-SB09	4/19/94	1140		X	CP-SB09-0608	1	1						
CP-SB11	4/19/94	1203		X	CP-SB11-0204	1	1						
CP-SB11	4/19/94	1215		X	CP-SB11-0608	2	2		1				MS/MSD/LD
TEMP 2	4/19/94	1230		X	TEMP 2	1						1	AQ. TEMPERATURE BLANK

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Paul M. [signature]	4/19/94 1700	FEDERAL EXPRESS AB# 5734752365			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	
		[signature]	4/21/94 11:01	SHIPPED to RECRA ENVIRONMENTAL FOR ANALYSIS Attn: LINDA SHAFERNICH	

NUS 440 REVISED 0890

NUS CORPORATION AND SUBSIDAIRES — #8 RECRA — CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWERP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILE	PCB/PESTICIDE SEMIVOLATILES *	TAL INORGANICS	TAL METALS	CYANIDE	PESTICIDE/PCB (only)	TEMPERATURE	REMARKS
NP-ST11	4/19/94	1200		X	NP-ST11-0304-TB	2	2							TRIP BLANK
NP-ST11	4/19/94	1306		X	NP-ST11-0304	3	1	1	1					SOIL
NP-ST11	4/24/94	0745		X	NP-ST11-0304-RB	7	2	3		1	1			AQ. RINSATE to ANALIZE
TEMP 3	4/24/94	0745		X	TEMP BLANK	1							1	AQ. TEMPURATURE BLANK
NP-ST17	4/25/94	0938		X	NP-ST17-0506	5	1	2	2					MS/MSD/LD SOIL EXTRA SAMPLE VULUME
NP-ST15	4/25/94	1106		X	NP-ST15-0607	2			1			1		SOIL

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	4/24/94 1600	FEDERAL EXPRESS AB# 5734752376			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	
		[signature]	4/21/94 2:00pm	SHIPPED TO RECRA ENVIRONMENTAL FOR ANALYSIS ATTN: LINDA SHAFERNICH	

NUS 440 REVISE

NUS CORPORATION AND SUBSIDAIRES #9 RECRA **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES + FREON						REMARKS
ECM-SB08	4/19/94	1300		X	ECM-SB08-2022-TB	2	2						AQ TRIP BLANK
ECM-SB08	4/19/94	1507		X	ECM-SB08-2022	1	1						~~DO MS/MSD/LD~~ (TR) SOIL
ECM-SB08	4/19/94	1507		X	ECM-SB08-2022-DU	1	1						SOIL
ECM-SB08	4/19/94	1550		X	ECM-SB08-2830	1	1						SOIL
ECM-SB08	4/20/94	0730		X	ECM-SB08-2830-RB	2	2						RINSATE BLANK TO HOLD IF PROBLEMS OCCUR
ECM-SB07	4/20/94	0930		X	ECM-SB07-1820	1	1						SOIL
ECM-SB07	4/20/94	1035		X	ECM-SB07-3032	1	1						SOIL
ECM-SB06	4/20/94	1148		X	ECM-SB06-1012	1	1						SOIL
ECM-SB06	4/20/94	1313		X	ECM-SB06-3032	1	1						SOIL

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] [signature]	4/20/94 1600	FEDERAL EXPRESS AB# 5734752376			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): [signature]	DATE / TIME: 4/21/94 2:00	REMARKS: SHIPPED TO RECRA ENVIRONMENTAL FOR ANALYSIS ATTN: LINDA SHAFERNICH	

NUS 440 REVISED 0890

NUS CORPORATION AND SUBSIDAIRES — #10 RECRA — CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	* ENG. PARAMETERS ** ENG. PARAMETERS	TCL VOLATILES	PCB/PESTICIDES + SEMIVOLATILES	TAL METALS	CYANIDE	PCB/PESTICIDE ONLY	TEMPERATURE	TAL METALS + CYANIDE	REMARKS
NP-ST02	4/21/94	1414		X	NP-ST02-0405	5	5								
NP-ST17	4/21/94	1630		X	NP-ST17-0506-TB	2		2							AQ. TRIP BLANK
	4/21/94	1630		X	NP-ST17-0506-FB3	7		2	3	1	1				AQ
	4/21/94	0900		X	NP-ST17-0506-RB	7		2	3	1	1				AQ Rinsate to Hold IF Problem occur
TEMP 4 (TB)	4/21/94	0900		X	TEMP 4	1						1	1		AQ TEMPERATURE BLANK
NP-ST23	4/21/94	1142		X	NP-ST23-0607	2						1		1	
NP-ST25	4/21/94	1395		X	NP-ST25-0304	3		1	1					1	
NP-ST25	4/21/94	1395		X	NP-ST25-0304-DU	3		1	1					1	
NP ST28	4/21/94	1529		X	NP-ST28-0405	3		1	1					1	
NP-ST28	4/21/94	1552		X	NP-ST28-0405-RB	7		2	3	1	1				AQ Rinsate to Analize
NP-WST22	4/21/94	0926		X	NP-WST22-0002	10	7	1	1					1	
NP-WST22	4/21/94	0926		X	NP-WST22-0002-DU	10	7	1	1					1	
TEMP 5	4/21/94	1700		X	TEMP 5	1							1		AQ. TEMPERATURE BLANK
TEMP6	4/21/94	1705		X	TEMP6	1							1		AQ. " "

* ENG PARAMETERS: TOC, TPH, BTU, TCLP

** ENG. PARAMETERS: Hexavalent chromium, Ignitability, Corrosivity, Reactivity, TOC, TPH, BTU & TCLP

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	4/21/94 1800	FEDERAL EXPRESS AB# 5734752402			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA FOR ANALYSIS ATTN. LINDA SHAFERNICH	
		[signature]	4/22/94		

NUS 440 REVIS

NUS CORPORATION AND SUBSIDAIRES #11 RECRA **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTO NWIRP

SAMPLERS (SIGNATURE): [signature] [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES + FREON						REMARKS
ECM-SB05	4/20/94	1400		X	ECM-SB05-1012-TB	2	2						AQ TRIP BLANK
↓	4/20/94	1444		X	ECM-SB05-1012	1	1						
	4/20/94	1517		X	ECM-SB05-2022	1	1						
↓	4/21/94	0830		X	ECM-SB05-2022-RB ✓	2	2						*DO NOT HOLD PER NUS CORP. AQ RINSATE to HOLD FOR PROBLEMS
ECM-SB04	4/21/94	0832		X	ECM-SB04-0810	1	1						
↓	4/21/94	0931		X	ECM-SB04-2426	1	1						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] [signature]	4/21/94 1800	FEDERAL EXPRESS AB# 5734752402			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): [signature]	DATE / TIME: 4/22/94	REMARKS: SHIPPED to RECRA FOR ANALYSIS Attn. LINDA SHAFERNICH	

NUS 440 REVISED 0890

NUS CORPORATION AND SUBSIDAIRES — #12 RECRA — CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES + FREON	TAL METALS	CYANIDE	TEMPERATURE	*ENG. PARAMETER		REMARKS (* ENG. PARAMETERS: TOC, TPH, BTU & TCLP)
ECM SB03	4/21/94	1100		X	ECM-SB03-2426-TB	2	2						(AQ)
		1152		X	ECM-SB03-2426	1	1						(SOIL)
		1212		X	ECM-SB03-2830	1	1						
ECM-SB02		1401		X	ECM-SB02-2022	2	2						DU MS/MSD/LD (EXTRA VOLUME)
		1579		X	ECM-SB02-3436	1	1						
	4/22/94	0815		X	ECM-SB02-3436-RB	2	2						(AQ) (RINSATE to HOLD IF PROBLEMS OCCUR)
		0830		X	ECM-SB02-3436-FB4	4	2	1	1				
ECM-SB01		0832		X	ECM-SB01-0810	1	1						(SOIL)
		1000		X	ECM-SB01-3032	1	1						
		1000		X	ECM-SB01-3032-DU	1	1						
		1035		X	ECM-SB01-3032-RB	2	2						(AQ) (RINSATE to ANALIZE)
TEMP 7		1100		X	TEMP 7	1				1			(AQ) TEMPERATURE BLANK
NP-ST24	4/21/94	1237		X	NP-ST24-0405	5					5		(SOIL)
NP-ST24		1237		X	NP-ST24-0405-DU	5					5		

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	4/22/94	FEDERAL EXPRESS AB # 5734752391			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED TO RECRA ENVIRONMENTAL FOR ANALYSIS Attn: LINDA SHAFERNICH	
		Usnar	4/23/94		

NUS 440 REVISED

NUS CORPORATION AND SUBSIDAIRES

#13 RECRA

CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	RCB/PESTICIDE & SEMIVOLATILES	TAL METALS & CYANIDE	TAL METALS	CYANIDE	# ENG. PARAMETERS	TEMPERATURE	REMARKS (# ENG PARAMETERS: TOC, TPH, BTU & TCLP)
NP-5501	9/25/94	0900		X	NP-5501-RB	5	3		1	1			AQ
NP-5501		1005		X	NP-5501	2	1	1					
NP-5502		1010		X	NP-5502	2	1	1					
NP-5503		1014		X	NP-5503	2	1	1					
NP-5504		1022		X	NP-5504	7	1	1			5		
NP-5504		1022		X	NP-5504-DU	7	1	1			5		
NP-5505		1030		X	NP-5505	3	2	1					DU MS/MSD/LD (EXTRA 1602 JAR)
NP-5506		1037		X	NP-5506	2	1	1					
TEMP 8		1545		X	TEMP 8	1						1	AQ TEMPERATURE BLANK
TEMP 9	9/25/94	1600		X	TEMP 9	1						1	↓

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	9/25/94 1730	FEDERAL EXPRESS AB# 5739377851			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA ENVIRONMENTAL ATTN. LINDA SHAFERNICH	
		[signature]	4/26/94		

NUS 440 REVISED 0890

NUS CORPORATION AND SUBSIDAIRES — #14 RECRA — CHAIN OF CUSTODY RECORD

PROJECT NO.: 0204 0009

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] Paul M. Jones

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	SEMIVOLATILES	PCB/PESTICIDE	TAL METALS + CYANIDE	TEMIGRATULE			REMARKS
FT-SB01	9/25/94	0730		X	FT-SB01-0608-T8	2	2							AQ. TRIP BLANK
FT-SB01		0934		X	FT-SB01-0608	3	1	1	1					
FT-SB01		1004		X	FT-SB01-1416	3	1	1	1					
FT-SB02		1030		X	FT-SB02-0204	3	1	1	1					
FT-SB02		1110		X	FT-SB02-1618	3	1	1	1					
FT-SB03		1135		X	FT-SB03-0204	3	1	1	1					
FT-SB03		1153		X	FT-SB03-0810	3	1	1	1					
FT-SB03		1206		X	FT-SB03-1214	4	1	2	1					DO MS/MSD/LD EXTRA 16oz JAR FOR SAME
FT-SB04		1316		X	FT-SB04-1214	3	1	1	1					
FT-SB04		1400		X	FT-SB04-2224	3	1	1	1					
TEMP 10	9/25/94	1605		X	TEMP 10	1				1				AQ

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Jones [signature]	9/25/94 1730	FEDERAL EXPRESS AB# 573937785 1			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED TO RECRA ENVIRONMENTAL ATTN. LINDA SHAFERNICH	
		[signature]	9/26/94		

NUS 440 REVISF

NUS CORPORATION AND SUBSIDAIRES

#15 RECRA

CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	PCB/PESTICIDE & SEMIVOLATILES	TAL METALS + CYANIDE	*ENG. PARAMETERS	TEMPERATURE		* ENG. PARAMETERS TOC & TPH REMARKS
NP-SD06	4/26/94	1000		X	NP-SD06-TB	2	2						AQ. TRIP BLNK
		0845		X	NP-SD06-RB	7	2	3	2				AQ. RINSATE to ANALIZE
		1026		X	NP-SD06-000.5	3	1	1	1				solid
NP-SD07		1046		X	NP-SD07-000.5	3	1	1	1				Solid
		1046		X	NP-SD07-000.5-DU	3	1	1	1				Solid
NP-SD02		1108		X	NP-SD02-000.5	3	1	1	1				Solid
		1127		X	NP-SD02-0.501	4	1	2	1				MS/MSD/LD (EXTRA VOLUME) Solid
		1127		X	NP-SD02-0.501-DUP (TR)	3	1	1	1				Solid
NP SD05		1138		X	NP-SD05-000.5	5	1	1	1	2			Solid
		1138		X	NP-SD05-000.5	2				2			Solid
TEMP 11	4/26/94	1535		X	TEMP 11	1					1		AQ TEMPERATURE BLANK 6°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	4/26/94 1730	FEDERAL EXPRESS AB# 5739377840			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA ENVIRONMENTAL ATTN: LINDA SHAFERNICH	
		[signature]	4/27/94		

NUS 440 REVISED 0890

NUS CORPORATION AND SUBSIDAIRES

#16 RECRA

CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] [signature] Paul M. Davis

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	PCB/PESTICIDE & SEMIVOLATILES	TAL METALS & CYANIDE	TEMPERATURE			REMARKS
FT-SB05	4/25/94	1500		X	FT-SB05-0406-TB	2	2						AQ. TRIP BLANK
		1509		X	FT-SB05-0406	3	1	1	1				SOIL
		1509		X	FT-SB05-0406-DU	3	1	1	1				SOIL
		1543		X	FT-SB05-1416	3	1	1	1				SOIL
FT-SB06		1604		X	FT-SB06-0204	3	1	1	1				SOIL
		1634		X	FT-SB06-1214	3	1	1	1				SOIL
	4/26/94	0820		X	FT-SB06-1214-RB	7	2	3	2				AQ. RINSATE BLANK to ANALIZE
FT-SB07		0814		X	FT-SB07-0204	3	1	1	1				SOIL
		0906		X	FT-SB07-1820	3	1	1	1				SOIL
FT-SB08		0952		X	FT-SB08-0810	3	1	1	1				SOIL
		0959		X	FT-SB08-1012	3	1	1	1				SOIL
		0959		X	FT-SB08-1012-DU	3	1	1	1				SOIL
		1500		X	FT-SB08-1012-RB	7	2	3	2				AQ. RINSATE to Hold IF Problem occur
TEMP 12	4/26/94	1530		X	TEMP 12	1				1			AQ TEMPERATURE BLANK 7°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] [signature] Paul M. Davis	4-26-94 1730	FEDERAL EXPRESS AB# 5739377840			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	
		[signature]	4/27/94	SHIPPED TO RECRA ENVIRONMENTAL FOR ANALYSIS Attn. LINDA SHAFERNICH	

NUS 440 REVISED 9

NUS CORPORATION AND SUBSIDAIRES

00007

#17 RECRA

CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] Paul M. Dani

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	TCL SEMIVOLATILES	LEAD	TEMPERATURE			REMARKS
FC SB01	4/26/94	1311		X	FC-SB01-0608	3	1	1	1				Soil
↓	↓	1318		X	FC-SB01-0810	3	1	1	1				Soil
TEMP 13	↓	1555		X	TEMP 13	1				1			AQ. TEMPERATURE BLANK 7°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Paul M. Dani	4/26/94 1730	FEDERAL EXPRESS AB# 573937840			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED TO RECRA ENVIRONMENTAL FOR ANALYSIS ATTN. LINDA SHAFERNICH	
		[signature]	4/27/94		

NUS 440 REVISED 0890

NUS CORPORATION AND SUBSIDAIRES — #18 RECRA — CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): Paul M. Davis

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	TCL SEMI-VOLATILES	LEAD	TEMPERATURE			REMARKS
FC-SB02	4/22/94	1330		X	FC-SB02-0406-TB	2	2						AQ. TRIP BLANK
		1347		X	FC-SB02-0406	3	1	1	1				SOIL
		1400		X	FC-SB02-0810	3	1	1	1				
FC-SB03		1426		X	FC-SB03-0204	3	1	1	1				
		1431		X	FC-SB03-0406	3	1	1	1				
FC-SB04		1453		X	FC-SB04-0204	3	1	1	1				
		1500		X	FC-SB04-0406	3	1	1	1				
		1500		X	FC-SB04-0406-DU	3	1	1	1				
FC-SB05		1530		X	FC-SB05-0204	3	1	1	1				
	4/22/94	1538		X	FC-SB05-0406 4/28 (ITA)	4	1	2	1				MS/MSD/LD SOIL (EXTRA VOLUME)
TEMP 17	4/22/94	1700		X	TEMP 17	1				1			AQ. TEMPERATURE BLANK 8°C
TEMP 18		1705		X	TEMP 18	1				1			AQ. TEMPERATURE BLANK 7°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Davis Tim Royal	4/22/94 1800	FEDERAL EXPRESS AB#5739377836			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA ENVIRONMENTAL FOR ANALYSIS ATTN: LINDA SHAFERNOCH	
		Unat	4/28/94		

NUS 440 REVISED

NUS CORPORATION AND SUBSIDAIRES #19 RECRA **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	PCB/PESTICIDES + SEMIVOLATILES	TAL METALS + CYANIDE	HEXAVALENT CHROMIUM	TEMPERATURE		REMARKS
NP-SD04	4/27/94	0730		X	NP-SD04-TB	2	2						AQ. TRIP BLANK
		0740		X	NP-SD04-RB	7	2	3	2				AQ. Rinsate to Hold if Problems occur
		1030		X	NP-SD04-000.5	3	1	1	1				SOLID
		1040		X	NP-SD04-0.501	3	1	1	1				
NP-SD08		1105		X	NP-SD08-000.5 ✓	3	1	1	1				
NP-SD01		1131		X	NP-SD01-000.5	3	1	1	1				
		1137		X	NP-SD01-0.501	3	1	1	1				
NP-SD03		1205		X	NP-SD03-000.5	3	1	1	1				
		1215		X	NP-SD03-0.501	3	1	1	1				
NP-SW04		1020		X	NP-SW04	21	6	9	4	2			DO MS/MSD/LD AQ
NP-SW08		1100		X	NP-SW08	8	2	3	2	1			AQ Temp 14-7°C
NP-SW01		1120		X	NP-SW01	8	2	3	2	1			AQ 15-7°C
NP-SW01		1120		X	NP-SW01-DU	8	2	3	2	1			AQ 16-8°C
NP-SW03		1157		X	NP-SW03	8	2	3	2	1			AQ
TEMP		1640		X	TEMP 14 → 16	3					3		AQ TEMPERATURE BLANK / COOLER

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	4/27/94 1800	FEDERAL EXPRESS AB# 5739377836			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	
		[signature]	4/28/94	SHIPPED to RECRA ENVIRONMENTAL FOR ANALYSIS Attn: LINDA SHAEFERNICH	

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NUS CORPORATION AND SUBSIDAIRES — #20 RECKA — CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): Paul M Dai

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	SEMIVOLATILES	LEAD	TEMPERATURE			REMARKS
FC - SB06	4/27/94	0730		X	FC - SB06 - 0103 - TB	2	2						AQ. TRIP BLANK
		0735		X	FC - SB06 - 0103 - RB	5	2	2	1				AQ. RINSATE to ANALIZE
		0937		X	FC - SB06 - 0103	3	1	1	1				SOIL
		1135		X	FC - SB06 - 0507	3	1	1	1				
		1135		X	FC - SB06 - 0507 - DU	3	1	1	1				
FD SB01		1241		X	FD - SB01 - 1214	3	1	1	1				
		1246		X	FD - SB01 - 1416	3	1	1	1				
FD SB02		1354		X	FD - SB02 - 0507	3	1	1	1				
		1422		X	FD - SB02 - 1517	3	1	1	1				
FD - SB03		1609		X	FD - SB03 - 1214	3	1	1	1				
		1617		X	FD - SB03 - 1416	3	1	1	1				DO MS/MSD/LD
		1617		X	FD - SB03 - 1416 - DU	3	1	1	1				
TEMP 19	4/28/94	1000		X	TEMP 19	1				1			AQ. TEMPERATURE BLANK 10°C
TEMP 20		1005		X	TEMP 20	1				1			" " " 13°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M Dai	4/28/94 1100	FEDERAL EXPRESS AB # 5739377825			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): Linda Shaffernich	DATE / TIME: 4/29/94	REMARKS: SHIPPED to RECKA ENVIRONMENTAL, INC FOR ANALYSIS ATTN LINDA SHAFFERNICH	

NUS 440 REVISE

NUS CORPORATION AND SUBSIDAIRES #21 RCRA **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0204

SITE NAME: CALVERTON

SAMPLERS (SIGNATURE): Paul M. Davis

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TOC	TPH	BTU	TCLP	TAL METAL	TEMPERATURE	REMARKS
FC-EN01	4/28/94	0830		X	FC-EN01-0204	6	1	1	1	2	1		SOIL ENG. PARAMETERS
FC-EN01		0830		X	FC-EN01-0204-DU	6	1	1	1	2	1		
FD-EN01		0950		X	FD-EN01-1214	5	1	1	1	2			
FD-EN01		0950		X	FD-EN01-1214-DU	5	1	1	1	2			
TEMP 21	4/28/94	1700		X	TEMP #21	1						1	

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Davis	4/28/94 1745	FEDERAL EXPRESS MB# 5739377814			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RSCRA ENVIRONMENTAL FOR ANALYSIS ATTN LINDA SHAFERNICH	

NUS 440 REVISED 0890

NUS CORPORATION AND SUBSIDAIRES — #22 RECKA — CHAIN OF CUSTODY RECORD

PROJECT NO.: 0204

SITE NAME: CALUERTON

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	PCB/PESTICIDE + SEMIVOLATILES	TAL METALS	CYANIDE	TEMPERATURE		REMARKS
FT-SB08	4/28/94	1500		X	FT-SB08-1012-TB	2	2						AQ. Trip Blank
FT-SB08	4/28/94	1595		X	FT-SB08-1012-FB5	7	2	3	1	1			AQ To Analize
FT-SB08	4/28/94	1608		X	FT-SB08-1012-FB6	7	2	3	1	1			↓
TEMP 22	4/28/94	1705		X	TEMP 22	1					1		Temperature Blank QOV

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	4/28/94 1745	FEDERAL EXPRESS AB# 5739377814			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	
		[signature]	4/29/94	SHIPPED to RECKA ENVIRONMENTAL to Analizie ATTN: LINDA SHAFERNICH	

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NUS CORPORATION AND SUBSIDAIRES #23 RECRA **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALUERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	PCB/PESTICIDES & SEMI VOLATILES	TAL METALS & CYANIDE HEXAVALENT CHROMIUM	TCLP	IGNITABILITY CORROSIVITY REACTIVITY TOC TPH & BTU		REMARKS
NP-WST22	4/21/94	1035		X	NP-WST22-0405	6	1	1	1	2	1		MED. LEVEL (60ppm)

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Tony Rogers	04/29/94 1745	FEDERAL EXPRESS AB# 5739377770			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
		[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME: 5/3/94	REMARKS: SHIPPED to RECRA ENVIRONMENTAL FOR ANALYSIS ATTN LINDA SHAFERNICH	

NUS 440 REVISED 0890

NUS CORPORATION AND SUBSIDAIRES #24 RECRA CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TSS	TDS	ALKALINITY	HARDNESS (W/HNO3)	TOC (W/H2SO4)	BOD	COD (W/H2SO4)	TEMPERATURE	REMARKS
NP-SW04	5/3/94	1000		X	NP-SW04	7	1	1	1	1	1	1	1		
NP-SW04	5/3/94	1000		X	NP-SW04-DU	7	1	1	1	1	1	1	1		
TEMP 23	5/3/94	1040		X	TEMP 23	1								1	

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	5/3/94 1245	FEDERAL EXPRESS AB # 5739377781			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA ENVIRONMENTAL FOR ANALYSIS ATTN. LINDA SHAEFERNICK	

NUS 440 REVISE

CHAIN OF CUSTODY RECORD

L0005

#25 RECRA

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): Terry A. Rozak

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES						REMARKS
CP-SD01	5/12/94	0820		X	CP-SD01-TB	2	2						
		0830		X	CP-SD01-FB1	2	2						
		0905		X	CP-SD01-FB2	2	2						
		0935		X	CP-SD01-RB	2	2						RINSATE to ANALIZE
		0940		X	CP-SD01-.33.66	1	1						DO MS/MSD/LD
		0940		X	CP-SD01-.33.66-DU	1	1						
		0945		X	CP-SD01-1.502	1	1						
CP-SD02		1000		X	CP-SD02-.33.66	1	1						
		1005		X	CP-SD02-1.502	1	1						
CP-SD03		1025		X	CP-SD03-.33.66	1	1						
		1030		X	CP-SD03-1.502	1	1						
CP-WS01		0907		X	CP-WS01-RB	2	2						RINSATE to ANALIZE
		0910		X	CP-WS01-.851.7	1	1						
		0910		X	CP-WS01-.851.7-DU	1	1						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Terry A. Rozak	5/12/94 1630	FEDERAL EXPRESS AB# 5739377792		5/13/94 1030	Mary Ann Johnson
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	
		Linda Shaf	5/13/94	SHIPPED to RECRA ENVIRONMENT FOR ANALYSIS ATTN LINDA SHAFERNICH	

Order No. 70440 (0693)

00006

CHAIN OF CUSTODY RECORD

#26 RECRA

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES & FREON	TEMPERATURE					REMARKS
CP-WS02	5/12/94	0920		X	CP-WS02-.851.7	1	1						
CP-WS03	↓	0925		X	CP-WS03-.851.7	1	1						
TEMP #24	↓	1200		X	TEMP ~~BLANK~~ TK 24			1					TEMPERATURE BLANK 7°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	5/12/94 1630	FEDERAL EXPRESS AB# 5739377792		5/13/94 1030	[signature]
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA ENVIRONMENT FOR ANALYSIS ATTN LINDA SHAFERNICH	

Order No. 704/ 93)

CHAIN OF CUSTODY RECORD

00005

27 RECRA

PROJECT NO.:	SITE NAME:
0206	CALVERTON, NW1RP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES + FREON	TAL METALS	CYANIDE	TEMPERATURE			REMARKS
ECM-GW003	5/19/94	1200		X	ECM-GW003-TB	2	2						TRIP BLANK WATER
↓		1220		X	ECM-GW003	2	2						WATER
ECM-GW001		1308		X	ECM-GW001	2	2						WATER
ECM-GW007		1345		X	ECM-GW007	2	2						WATER
ECM-GW		1411		X	ECM-GW-FB1	2	2						WATER
CL-GW	↓	1455		X	CL-GW0743T	10	6	2	2				DO MS/MSD/LD WATER
TEMP 25	5/20/94	0830		X	TEMP 25	1				1			TEMPERATURE BLANK
													7°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	5-20-94 1100	FEDERAL EXPRESS AB# 5739378061			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): [signature]	DATE / TIME: 05/21/94	REMARKS: SHIPPED to RECRA ENVIRONMENT FOR ANALYSIS ATTN. LINDA SHAFERNICH	

Order No. 70440 (0693)

10007

CHAIN OF CUSTODY RECORD

#28 RECRA

PROJECT NO.: 0206

SITE NAME: CALVERTON, NWIRP

SAMPLERS (SIGNATURE): Paul [illegible] Terry R. [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	SEMIVOLATILES	LEAD	TEMPERATURE			REMARKS
FC-SB07	5/24/94	0800		X	FC-SB07-0204-TB ✓	2	2						water
↓	↓	0820		X	FC-SB07-0204 ✓	3	1	1	1				
↓	↓	0827		X	FC-SB07-0406 ✓	3	1	1	1				
FC-SB08		0859		X	FC-SB08-0204 ✓	3	1	1	1				
↓		0907		X	FC-SB08-0406	3	1	1	1				
FC-SB09		0940		X	FC-SB09-0406	3	1	1	1				OVA 28ppm
↓		0950		X	FC-SB09-0608	3	1	1	1				OVA 100+ppm
FC-SB10		1020		X	FC-SB10-0406	3	1	1	1				
↓		1025		X	FC-SB10-0608	3	1	1	1				
FC-SB11		1356		X	FC-SB11-0507	3	1	1	1				
↓		1356		X	FC-SB11-0507-DU	3	1	1	1				
↓		1405		X	FC-SB11-0709	4	1	2	1				DO MS/MSD/LD
FC-SB11	↓	1615		X	FC-SB11-0709-RB ✓	5	2	2	1				RINSATE to ANALIZE water
TEMP 26	5/24/94	1640			TEMP #26	1				1			TEMPERATURE BLANK 6°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul [illegible] Terry R. [illegible]	5/24/94 1800	FEDERAL EXPRESS AB# 5739378050			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED TO RECRA ENVIRONMENT FOR ANALYSIS ATTN: LINDA SHAFERNICH	
		M Johnson	5/25/94 1020		

Order No. 70[illegible]3)

0008

CHAIN OF CUSTODY RECORD

#29 RECRA

PROJECT NO.:	SITE NAME:
0206	CALVERTON, NWIRP

SAMPLERS (SIGNATURE): Terry Rozak

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES + FREON	TAL METALS	CYANIDE	TEMPERATURE			REMARKS
ECM-GW	5/24/94	1200		X	ECM-GW0739-TB	2	2						water
ECM-GW	↓	1210		X	ECM-GW0739	4	2	1	1				↓
ECM-GW	↓	1210		X	ECM-GW0739-DU	4	2	1	1				
TEMP 27	5/24/94	1640		X	TEMP #27	1				1			TEMPERATURE BLANK 4.5°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Terry Rozak	5/24/94 1800	FEDERAL EXPRESS AB# 5739378050			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA ENVIRONMENT FOR ANALYSIS ATTN: LINDA SHAFERNICH	
		M Johnson	5/25/94 1020		

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

10007

#30 RECRA

PROJECT NO.:	SITE NAME:
0206	CALVERTON, NWIRP

SAMPLERS (SIGNATURE): Paul Dam

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	SEMIVOLATILES	LEAD	TEMPERATURE			REMARKS
FD-SB04	5/25/94	0730		X	FD-SB04-1315-TB	2	2						
		0825		X	FD-SB04-1315 #12	3	1	1	1				
		0831		X	FD-SB04-1517	3	1	1	1				
		1640		X	FD-SB04-1517-RB	5	2	2	1				RINSATE to Hold if PROBLEMS OCCUR
TEMP 28	5/25/94	1700		X	TEMP #28	1				1			TEMPERATURE BLANK

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul D—	5/25/94 1800	FEDERAL EXPRESS AB# 5739377873			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	
		M Johnson	5/26/94 1030	SHIPPED to RECRA ENVIRONMENT FOR ANALYSIS ATTN: LINDA SHAFERNICH	

Order No. 70(3)

CHAIN OF CUSTODY RECORD

000008

#31 RECRA

PROJECT NO.: 0206

SITE NAME: CALVERTON, NWIRP

SAMPLERS (SIGNATURE): Terry Rozak, Paulm Wei

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SEMIVOLATILES & PCB/PESTICIDES	TAL METALS & CYANIDE	TCLP, TPH, TOC & BTU	SEMIVOLATILES	LEAD			REMARKS
FT-SS01	5/26/94	0745		X	FT-SS01-000.5	7	1	1	5					
FT-SS01		0745		X	FT-SS01-000.5-DU	7	1	1	5					
FT-SS02		0800		X	FT-SS02-000.5	2	1	1						
FT-SS03		0810		X	FT-SS03-000.5	2	1	1						
FT-SS04		0850		X	FT-SS04-000.5	3	2	1						DO MS/MSD/LD
FT-SS05		0857		X	FT-SS05-000.5	2	1	1						
FT-SS06		0910		X	FT-SS06-000.5	2	1	1						
FT-SS06		0930		X	FT-SS06-000.5-RB	5	3	2						RINSATE to ANALYSIS
FC-SS01		1015		X	FC-SS01-000.5	7			5	1	1			
FC-SS01		1015		X	FC-SS01-000.5-DU	7			5	1	1			
FC-SS02		1040		X	FC-SS02-000.5	3				2 SA	1			DO MS/MSD/LD
FC-SS03		1048		X	FC-SS03-000.5	2				1	1			
FC-SS04		1055		X	FC-SS04-000.5	2				1	1			
FC-SS05		1104		X	FC-SS05-000.5	2				1	1			

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Terry Rozak, Paulm Wei	5/26/94 1600	FEDERAL EXPRESS AB # 5739378046			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED TO RECRA ENVIRONMENT FOR ANALYSIS	
		M Johnson	5/27/94 1045	ATTN: LINDA SHAFERNICH	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

6000

#32 RECRA

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SEMIVOLATILES	LEAD	TEMPERATURE				REMARKS
FC-SS06	5/26/94	1110		X	FC-SS06-000.5	2	1	1					
TEMP 29	↓	1415		X	TEMP #29	1			1				TEMPERATURE BLANK 5°C
TEMP 30	↓	1420		X	TEMP #30	1			1				" " 4.5°C
TEMP 31	↓	1430		X	TEMP #31	1			1				" " 3°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] [signature]	5/26/94 1600	FEDERAL EXPRESS AB# 5739378046			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA ENVIRONMENT FOR ANALYSIS ATTN LINDA SHAFERNICH	
		[signature]	5/27/94 1048		

Order No. 704 (3)

CHAIN OF CUSTODY RECORD

000010

#33 RECRA

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	SEMIVOLATILES	PCB/PESTICIDES	TAL METAL	CYANIDE	LEAD	TEMPERATURE	REMARKS
FD-SB04	5-27-94	0755		X	FD-SB04-1517-TB	2	2							
↓	↓	0800		X	FD-SB04-1517-FB1	2	2							
FT-SS06		0820		X	FT-SS06-000.5-FB	5		2	1	1	1			
FD-SB04		0850		X	FD-SB04-1517-FB2	5	2	2				1		
TEMP 32	5/27/94	0910		X	TEMP #32	1							1	TEMPERATURE BLANK 3.5°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	5-27-94 1100	FEDERAL EXPRESS AB# 5739378024			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	
		M Johnson	5/28/94 1145	SHIPPED TO RECRA ENVIRONMENT FOR ANALYSIS ATTN: LINDA SHAFERNICH	

Order No. 70440 (0693)

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CHAIN OF CUSTODY RECORD

#34 RECRA

PROJECT NO.: 0206

SITE NAME: Calumet - NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	~~EPTC (TC)~~ MOAS	semivolatiles	pesticide/PCB	TAL INORGANICS (TAL METALS & CYANIDE)	TEMPERATURE			REMARKS
FT-TW 21	6.13.94	0800		✓	FT-TW21-1 TB ✓	2	2								Trip blank
FT TW 21	↓	1020		✓	FT-TW21-1 ✓	2	2								
FT TW 21	↓	1147		✓	FT-TW21-2 ✓	2	2								
FT-TW21	↓	1147		✓	FT-TW21-2-DU ✓	2	2								Duplicate
FT-TW22	↓	1515		✓	FT-TW22-2-RB ✓	2	2								Rinsate to Analize
FT-ST01	↓	1205		✓	FT-ST01-0607-TB ✓	2	2								
↓	↓	1205		✓	FT-ST01-0607 ✓ 0	3	1	1	1						
↓	↓	1625		✓	FT-ST01-0607-RB ✓	7	2	3	2						Rinsate to Analize
TEMP 33	↓	1630		✓	TEMP 33 0	1				.1					TEMPERATURE 5°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	6/13/94 1800	FEDERAL EXPRESS AB# 5739378013			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED TO RECRA FOR ANALYSIS	
		M Johnson	6/14/94 1005	ATTN LINDA SHAFERNICH	

Order No. 70[illegible]3)

14

[illegible].94

00007

CHAIN OF CUSTODY RECORD

#35 RECRA

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] Paulm. Dunn

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	SEMIVOLATILES PCB/PESTICIDES	TAL METAL CYANIDE				REMARKS
FT-TW24	6-14-94	0800		X	FT-TW24-1-TB	2	2						
↓		1012		X	FT-TW24-1	2	2						
↓		1130		X	FT-TW24-2	6	6						DO MS/MSD/LD
FT-SB10		0930		X	FT-SB10-2022-TB	2	2						
↓		0924		X	FT-SB10-2022	3	1	1	1				
↓		0924		X	FT-SB10-2022-DU	3	1	1	1				
↓		0935		X	FT-SB10-2224	3	1	1	1				
FT-SB09		1250		X	FT-SB09-1214	3	1	1	1				
↓		1257		X	FT-SB09-1416	4	1	2	1				DO MS/MSD/LD
FT-TW24		1410		X	FT-TW24-2-RB	2	2						Rinsate to Hold if PROBLEMS OCCURE
FT SB09		1655		X	FT-SB09-1416-RB	7	2	3	2				Rinsate ~~to Hold if PROBLEMS OCCUR~~ TR to ANALIZE
FT-ST02		1200		X	FT-ST02-0304-TB	2	2						
↓		1230		X	FT-ST02-0304	3	1	1	1				
↓		1353		X	FT-ST02-0304-RB	7	2	3	2				Rinsate to HOLD IF PROBLEMS OCCUR

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Paulm. Dunn	6/14/94 1800	FEDERAL EXPRESS AB# 5739378002			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): [signature]	DATE / TIME: 6/15/94 1000	REMARKS: ~~Pickup by Volumetric~~ SHIPPED to RECRA FOR ANALYSIS ATTN ~~Sandra Sperrie~~ TR LINDA SHAFERNICH	

Order No. 70440 (0693)

00005

CHAIN OF CUSTODY RECORD

#36 RECRA

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE):

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEMPERATURE						REMARKS
TEMP 34	6/14/94	1650		X	TEMP 34	1	1						4°C
TEMP 35	↓	1655		X	TEMP 35	1	1						4.5°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	6/14/94 1800	FEDERAL EXPRESS AB# 5739378002			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA FOR ANALYSIS	
		M Johnson	6/15/94 1000	attn - LINDA SHAFERNICH	

Order 40 (0693)

CHAIN OF CUSTODY RECORD

#37 RECRA.

PROJECT NO.:	SITE NAME:
0204	CALVERTON, NWIRP

SAMPLERS (SIGNATURE): Paul M. Davis

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES & FREON	TAL METALS & CYANIDE	TEMPERATURE				REMARKS
SA-SB01	6/14/94	1350		X	SA-SB01-0608-TB	2	2						
↓		1356		X	SA-SB01-0608	2	1	1					DO MS/MSD/LD
↓		1434		X	SA-SB01-1214	2	1	1					
SA-SB02		1516		X	SA-SB02-0810	2	1	1					
↓		1529		X	SA-SB02-1214	2	1	1					
SA-SB03		1548		X	SA-SB03-0002	2	1	1					
↓		1558		X	SA-SB03-0406	2	1	1					
↓		1558		X	SA-SB03-0406-DU	2	1	1					
SA-SB04		1608		X	SA-SB04-0002	2	1	1					
↓		1628		X	SA-SB04-0608	2	1	1					
SA-SB05		1647		X	SA-SB05-0002	2	1	1					
↓		1651		X	SA-SB05-0204	2	1	1					
↓		1700		X	SA-SB05-0204-RB	4	2	2					RINSATE to ANALIZE
TEMP 36	6/14/94	1100		X	TEMP ~~37~~ 36 (TK)	1			1				8.5°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Davis	6/15/94 1200	FEDERAL EXPRESS AB#5739377991			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED TO RECRA FOR ANALYSIS	
		M. Johnson	6/16/94 1000	ATTN. LINDA SHAFERNICH	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

#38 RECRA

PROJECT NO.: 0206

SITE NAME: CALVERTON, NWIRP

SAMPLERS (SIGNATURE): Paul M. Dan / Terry R. Nagel

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES & FREON	TAL METALS & CYANIDE	TEMPERATURE				REMARKS
SA-SB06	6/15/94	0800		X	SA-SB06-0406-TB /	2	2						
↓	↓	0808		X	SA-SB06-0406 /	2	1	1					
↓		0832		X	SA-SB06-1012 /	2	1	1					
SA-SB07		0853		X	SA-SB07-0204 /	2	1	1					
↓		0947		X	SA-SB07-1618 /	2	1	1					
↓		0947		X	SA-SB07-1618-DU /	2	1	1					
SA-SB08		1032		X	SA-SB08-1012 /	2	1	1					
↓		1114		X	SA-SB08-2022 /	2	1	1					
SA-SB09		1219		X	SA-SB09-1214 /	2	1	1					
↓		1225		X	SA-SB09-1416 /	2	1	1					
SA-SB10		1254		X	SA-SB10-0608 /	2	1	1					VOA Bottle - Lid Broken 95% recovery
↓		1313		X	SA-SB10-1214 /	2	1	1					
↓		1350		X	SA-SB10-1214-RB /	4	2	2					RINSATE to Hold IF PROBLEMS OCCUR
TEMP 37		1430		X	TEMP 37				1				TEMP BLANK 5.5°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Terry R. Nagel / Paul M. Dan	6/15/94 1730	FEDERAL EXPRESS AB# 5739377895			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): M. Johnson	DATE / TIME: 6/16/94 1100	REMARKS: SHIPPED to RECRA FOR ANALYSIS ATTN LINDA SHAFERNICH	

Order No. 704 (93)

00007

CHAIN OF CUSTODY RECORD

#39 RECRA

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	TCL VOLATILES & FREON	SEMIVOLATILES	PCB/PESTICIDE	TAL METALS	CYANIDE	TEMPERATURE	REMARKS
FT-ST02	6/15/94	1530		X	FT-ST02-0304-FB	7	2		2	1	1	1		
FT-SB09	↓	1550		X	FT-SB09-1416-FB	7		2	2	1	1	1		
TEMP 38	↓	1700		+	TEMP 38	1	1						1	TEMP BLANK

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	6/15/94 1750	FEDERAL EXPRESS AB# 5739377895			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED TO RECRA FOR ANALYSIS ATTN LINDA SHAFERNICH	
		[signature]	6/16/94 1000		

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

#40 RECRA

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	SEMIVOLATILES	LEAD	TEMPERATURE			REMARKS
FC-SB12	6/13/94	1400		X	FC SB12-0406-TB	2	2						
↓	↓	1422		X	FC-SB12-0406-	3	1	1	1				
		1430		X	FC-SB12-0608	3	1	1	1				
↓		1450		X	FC-SB12-0608-RB	5	2	2	1				Rinsate to Analize
FC-TW16		1448		X	FC-TW16-1	2	2						
FC-TW17		1640		X	FC-TW17-1	2	2						
↓		1640		X	FC-TW17-1-DU	2	2						
		1740		X	FC-TW17-2	6	6						DO MS/MSD
↓	↓	1750		X	FC-TW17-2-RB	2	2						Rinsate to ANALIZE
FC-TW18	6/14/94	0735		X	FC-TW18-1-TB	2	2						
↓	↓	0735		X	FC-TW18-2	2	2						
FD-TW07		1205		X	FD-TW07-2	2	2						
↓		1205		X	FD-TW07-2-DU	2	2						
TEMP 39	↓	1305		X	TEMP 39	1				1			1°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	6/14/94 1400	FEDERAL EXPRESS AB# 5739377906			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED TO RECRA FOR ANALYSIS	
		[signature]	6/17/94 1115	Attn. LINDA SHAFERNICH	

Order No. 7 (0693)

CHAIN OF CUSTODY RECORD

#41 RECRA

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TOC	TPH	TCLP	BTU	TAL METALS	HEXAVALENT CHROMIUM	Ignitability Corrosivity Reactivity	REMARKS
FC-EN01	6/17/98	0810		X	FC-EN01-0002	6	1	1	2	1	1			
FT-5703	↓	0938		X	FT-5703-0607	3	1	1		1				
FT-WST01	↓	1010		X	FT-WST01-0102	7	1	1	2	1		1	1	SHIPPED IN OWN COOLER (WA 60uppm)
↓	↓	1010		X	FT-WST01-0102-DU	7	1	1	2	1		1	1	

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	6/17/98 1500	FED. EXPRESS AB# 5739377976			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA FOR ANALYSIS ATTN LINDA SCHAEFERNICH	

Order No. 70440 (0693)

010

CHAIN OF CUSTODY RECORD

42 RECRA

PROJECT NO.: 0206

SITE NAME: CALVERTON, NWIRP

SAMPLERS (SIGNATURE): [signature] Paul M. [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES	SEMIVOLATILE PCB/PESTICIDE	TAL METALS + CYANIDE	TEMPERATURE			REMARKS
FD-TW08	6/16/94	1500		X	FD-TW08-2-TB	2	2						
↓	↓	1522		X	FD-TW08-2	2	2						
↓	↓	1540		X	FD-TW08-2-RB	2	2						Rinsate to HOLD IF Problems OCCUR
FD-TW09	6/17/94	0735		X	FD-TW09-1-TB	2	2						
↓	↓	0910		X	FD-TW09-2 (TB)	6	6						DO MS/MSD
↓	↓	0930		X	FD-TW09-2 (TB)-RB	2	2						Rinsate to ANALIZE
FT-WST01	↓	1010		X	FT-WST01-0102	3	1	1	1				DO MS/MSD
↓	↓	1010		X	FT-WST01-0102-DU	3	1	1	1				SHIPPED IN OWN COOLER (DUA GWT)
↓	↓	1150		X	FT-WST01-0102-RB	7	2	3	2				Rinsate to ANALIZE
FT-WST01	5/17/94	1000		X	FT-WST01-0102-TB	2	2						SHIPPED W/ FT-WST01-0102 & FT-WST01-0102-DU ONLY
TEMP 40	↓	1300		X	TEMP 40	1				1			2°C
TEMP 41	↓	1305		X	TEMP 41	1				1			3°C
	(*)												
	Date sampled should be 6/17/94					1 Cont							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Paul M. [signature]	6/17/94 1500	FEDERAL EXPRESS AB# 5739377976			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): [signature]	DATE / TIME: 6/18/94 1200	REMARKS: SHIPPED to RECRA FOR ANALYSIS Attn Linda SHAFERNICH	

Order No. 70[illegible] [illegible]693)

000004

CHAIN OF CUSTODY RECORD RECRA # CPSW 1

PROJECT NO.: 0206

SITE NAME: CALVERTON, NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES + FREON	TEMPERATURE						REMARKS
CP	9/22/94	1300		X	CP-SW01-TB	2	2							TRIP BLANK
CP	9/22/94	1315		X	CP-SW01	2	2							
CP	9/22/94	1500		X	TEMP # 43	1	-	1						TEMPERATURE BLANK 2°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	1800 9/22/94	FEDERAL EXPRESS			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED TO RECRA ENVIRONMENT FOR ANALYSIS AB# 2259721402 ATTN LINDA SHAFERNICH	
		ABCantu	9/23/94 1195		

Order No. 70440 (0693)

000004

CHAIN OF CUSTODY RECORD

RECRA BG#01

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TAL METALS & CYANIDE 16oz Jar							REMARKS
BG	8/23/94	0750		X	BG-SB12	1	1							DO MS/MSD
		0805		X	BG-SB18	1	1							
		0805		X	BG-SB18-DU-01	1	1							
		0825		X	BG-SB19	1	1							
		0945		X	BG-SB13	1	1							
		0950		X	BG-SB14	1	1							
		1013		X	BG-SB15	1	1							
		1025		X	BG-SB16	1	1							
		1025		X	BG-SB16-DU-02	1	1							
		1040		X	BG-SB20	1	1							
		1050		X	BG-SB21	1	1							
		1105		X	BG-SB22	1	1							
		1120		X	BG-SB23	1	1							
		1140		X	BG-SB17	1	1							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	8/23/94 1800	FEDERAL EXPRESS		8/24/94 1030	[signature]
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE): [signature]	DATE / TIME: 8/24/94 1800	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA LAB FOR ANALYSIS ATTN: LINDA SHAFERNICH AB# 2259721391	

Order No. 70[illegible]3)

000005

CHAIN OF CUSTODY RECORD

RECRA BG02

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TAL METALS ILPE	CYANIDE ILPE	TEMPERATURE				REMARKS
RB	8/23/94	1520		X	BG-RB01	2	1	1					RINSATE to ANALIZE
TEMP	↓	1540		X	TEMP #44 4°C	1	-	-	1				TEMPERATURE BLANK

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[signature]	8/23/94 1800	FEDERAL EXPRESS		8/24/94 1030	A B Canton
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
			A B Canton	8/24/94 1100	
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA LAB FOR ANALYSIS Attn: LINDA SHAFERNICH AB# 2259721391	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

RECRA GW #01

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): Paul M. Dai [signature] [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES 40ml VIALS (HCl)	SEMIVOLATILES PESTICIDES/PCB 1L AMBER	TAL METALS 1L PE (HNO3)	CYANIDE 16oz PE (NaOH)	HEX. CHROMIUM 4oz PE	TEMPERATURE	REMARKS
TB	8/24/94	0800		X	NP-GW04-TB	2	2						
NP-GW04		1015		X	NP-GW04	8	2	3	1	1	1		
NP GW01		1120		X	NP-GW01	8	2	3	1	1	1		
NP GW03		1210		X	NP-GW03	8	2	3	1	1	1		
NP GW02		1420		X	NP-GW02	24	6	9	3	3	3		DO MS/MSD
NP GW02		1420		X	NP-GW02-DU-01	8	2	3	1	1	1		
RB		1550		X	NP-GW02-RB	8	2	3	1	1	1		RINSATE TO ANALIZE
TEMP		1545		X	TEMP#45 7.5°C	1						1	TEMPERATURE BLANK
TEMP		1550		X	TEMP#46 6.0°C	1						1	↓ ↓
TEMP	↓	1555		X	TEMP#47 7.5°C	1						1	↓ ↓

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Paul M. Dai	8/24/94 1800	FEDERAL EXPRESS		8/25/94 1100	A B Cantor
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
			A B Cantor	8/25/94 1400	
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA FOR ANALYSIS AB# 2259721380 ATTN: LINDA SHAFERNICH	

Order No. 70[illegible]3)

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RESRA GW#02

CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TSS/TDS 1L PE	ALKALINITY 16oz PE	HARDNESS 8oz PE (HNO3)	BOD 1L PE	TOC/COD 1L PE (H2SO4)		REMARKS
NP GW02	8/29/94	1420		X	NP-GW02	5	1	1	1	1	1		
NP GW02	8/29/94	1420		X	NP-GW02-DU-01	5	1	1	1	1	1		

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[illegible]	8/29/94 1800	FEDERAL EXPRESS			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA FOR ANALYSIS ABH 2259721380 ATTN LINDA SHAFERNICH	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

RECRA GW#03

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES 40ml Vials (HCl)	SEMIVOLATILES 1L Amber	TOTAL LEAD 8oz PE (HNO3)	TSS/TDS 1L PE	ALKALINITY 16oz PE	HARDNESS 8oz PE (HNO3)	BOD 1L PE	TOC/COD 1L PE (H2SO4)	TEMPERATURE 4oz PE	REMARKS
TB	8/25/99	0800		X	FD-GW01-TB	2	2									
FD GW01		0940		X	FD-GW01-I	5	2	2	1							
FD GW01		0945		X	FD-GW01-S	5	2	2	1							
FD GW03		1106		X	FD-GW03-I	5	2	2	1							
FD GW03		1120		X	FD-GW03-S	5	2	2	1							
FD GW02		1252		X	FD-GW02-S	5	2	2	1							
FD GW02		1258		X	FD-GW02-I	5	2	2	1							
RB		1330		X	FD-GW02-RB	5	2	2	1							*HOLD DO NOT ANALIZE*
FD GW04		1415		X	FD-GW04-S	20	**6	**6	**3	1	1	1	1	1		MS/MSD**
FD GW04		1415		X	FD-GW04-S-DO-01	10	2	2	1	1	1	1	1	1		
FD GW04		1440		X	FD-GW04-I	10	2	2	1	1	1	1	1	1		
TEMP		1640		X	TEMP #48 4.5°C	1									1	TEMPERATURE BLANKS
		1645		X	TEMP #49 3.5°C	1									1	
		1650		X	TEMP #50 4.0°C	1									1	

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	8/25/99 1800	FEDERAL EXPRESS			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA LAB FOR ANALYSIS AB# 2259721376 ATTN.: LINDA SHAFERNICH	
		[signature]	8/26/99 11AM		

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Order No. 70 (3)

CHAIN OF CUSTODY RECORD

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [illegible] / [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES 40ml VIALS	SEMIVOLATILES 1L AMBER	TOTAL LEAD 8oz PE	TEMPERATURE			REMARKS
TB	8/26/94	0730		X	FD-GW05-S-TB	2	2						
FD GW05		0830		X	FD-GW05-S	5	2	2	1				
FD GW06		0915		X	FD-GW06-S	5	2	2	1				
FC GW06		1005		X	FC-GW06-S	5	2	2	1				
FC GW03		1035		X	FC-GW03-S	5	2	2	1				
RB		1110		X	FC-GW03-S-RB	5	2	2	1				RINSATE TO ANALIZE
TEMP		1115		X	TEMP #51	1	-	-	-	1			TEMPERATURE BLANK

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[illegible]	8-26-94 1230	FEDERAL EXPRESS			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA LAB FOR ANALYSIS AB# 2259721365 ATTN LINDA SHAFERNICH	
		[illegible]	8/27/94 1130AM		

Order No. 70440 (0693)

00027

CHAIN OF CUSTODY RECORD

RECRA GW #05

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES 40ml VIALS	SEMIVOLATILES 1L Amber	TOTAL LEAD 8oz PE (HNO3)	TEMPERATURE			REMARKS
TB	8/25/94	0800		X	FC-GW05-S-TB	2	2						
FC	↓	1116		X	FC-GW05-S	5	2	2	1				
FC		1119		X	FC-GW05-I	5	2	2	1				
FC		1315		X	FC-GW04-S	5	2	2	1				
FC		1325		X	FC-GW04-I	5	2	2	1				
FC		1453		X	FC-GW01-S	5	2	2	1				
FC		1500		X	FC-GW01-I	5	2	2	1				
RB	↓	1515		X	FC-GW01-I-RB	5	2	2	1				RINSATE "HOLD" DO NOT ANALIZE
TEMP	8/25/94	1530		X	TEMP # 52 3°C	1	—	—	—	1			TEMPERATURE BLANK
TEMP	↓	1553		X	TEMP # 53 5°C	1	—	—	—	1			" "

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	8/25/94 1800	FEDERAL EXPRESS		8/30/94 1035	[signature]
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA LAB FOR ANALYSIS AB# 2259721354 ATTN LINDA SHAFERNICH	
		[signature]	8/30/94 1035		

Order No. 70[illegible]3)

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CHAIN OF CUSTODY RECORD

RECRA GW #06

PROJECT NO.: 0206

SITE NAME: CALVERTON. NWIRP

SAMPLERS (SIGNATURE): [signature] [signature] Paul [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES 40ml VIAL (HCL)	SEMIVOLATILES 1L AMBER	TOTAL LEAD 8oz PE (HNO3)	SEMIVOLATILES PESTICIDE/PCB 1L AMBER	TAL METALS 1L PE (HNO3)	CYANIDE 16oz (NaOH)	REMARKS
TB	8/31/94	0800		X	FC-GW02-S-TB	2	2						
FC GW02		0815		X	FC-GW02-S	15	6	6	3				DO MS/MSD
FC GW02		0815		X	FC-GW02-S-DU-01	5	2	2	1				
FC GW02		0853		X	FC-GW02-I	5	2	2	1				
FT GW06		1020		X	FT-GW06-S	7	2	–	–	3	1	1	
FT GW06		1030		X	FT-GW06-I	7	2	–	–	3	1	1	
FT GW05		1127		X	FT-GW05-S	7	2	–	–	3	1	1	
FT GW05		1135		X	FT-GW05-I	7	2	–	–	3	1	1	
FT GW01		1420		X	FT-GW01-S	7	2	–	–	3	1	1	
FT GW01		1430		X	FT-GW01-I	7	2	–	–	3	1	1	
FT GW03		1502		X	FT-GW03-S	7	2	–	–	3	1	1	
FT GW03		1502		X	FT-GW03-S-DU-01	7	2	–	–	3	1	1	
RB		1630		X	FT-GW03-S-RB	7	2	–	–	3	1	1	RINSATE TO ANALIZE

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	8/31/94 1800	FEDERAL EXPRESS			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA LAB FOR ANALYSIS AB# 2259721170 Attn LINDA SHAFERNICH	
		[signature]	8/31/94 1200		

000028

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

RECRA GW #07 (TC)

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] Paul M. Dunn, Terry Rotzak

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TSS/TDS 1L PE	ALKALINITY 16OZ PE	HARDNESS 8OZ PE (HNO3)	BOD 1L PE	TOC/COD 1L PE (H2SO4)	TEMPERATURE	REMARKS
FC GW02	8/31/94	0815		X	FC-GW02-S	5	1	1	1	1	1		
FC GW02		0845		X	FC-GW02-S-DU-01	5	1	1	1	1	1		
FC GW02		0855		X	FC-GW02-I	5	1	1	1	1	1		
TEMP		1500		X	TEMP #54	1	–	–	–	–	–	1	TEMPERATURE BLANKS
TEMP		1505		X	TEMP #55	1	–	–	–	–	–	1	
TEMP		1550		X	TEMP #56	1	–	–	–	–	–	1	
TEMP		1555		X	TEMP #57	1	–	–	–	–	–	1	
TEMP		1600		X	TEMP #58	1	–	–	–	–	–	1	

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Dunn, Terry Rotzak	8/31/94 1800	FEDERAL EXPRESS			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to RECRA LAB FOR ANALYSIS AB# 2259721170 ATTN LINDA SHAFERNICH	

Order No. 7044

CHAIN OF CUSTODY RECORD

RECRA GW#08

PROJECT NO.: 0206

SITE NAME: CALVERTON, NWIRP

SAMPLERS (SIGNATURE): [signature] [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES 40ml VIALS (HCl)	SEMIVOLATILES PESTICIDE/PCB 1L AMBER	TAL METALS 1L PE (HNO3)	CYANIDE 1602 PE (NaOH)			REMARKS
TB	8/31/94	0800		X	FT-GW04-S-TB	2	2						
FT GW04		0940		X	FT-GW04-S	7	2	3	1	1			
FT GW07		1015		X	FT-GW07-S	7	2	3	1	1			
FT GW02		1110		X	FT-GW02-I	21	6	9	3	3			DO MS/MSD
FT GW02		1130		X	FT-GW02-S	7	2	3	1	1			Oilly SHEEN
FT GW02		1130		X	FT-GW02-S-DU-02	7	2	3	1	1			" "
RB		1605		X	FT-GW02-S-RB	7	2	3	1	1			RINSATE DO NOT ~~SAMPLE~~ ANALYZE "HOLD"
TB		1300		X	FT-TA01-TB	2	2						
TA		1440		X	FT-TA01	2	2						
TA		1450		X	FT-TA02	2	2						
TA		1440	X	(TC)	FT-TA01/02	5	–	3	1	1			

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] [signature]	8/31/94 1800	FEDERAL EXPRESS		9/01/94 1100	[signature]
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): [signature]	DATE / TIME: 9/01/94 1100	REMARKS: SHIPPED to RECRA LAB FOR ANALYSIS AB# 2259721181 Attn LINDA SHAFERNICH	

CHAIN OF CUSTODY RECORD

RECRA DR#01

PROJECT NO.: 0206	SITE NAME: CALVERTON NWIRP
SAMPLERS (SIGNATURE): [signature] Paul M. [signature] [signature]	

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCL VOLATILES 40z JAR	SEMIVOLATILES PEST/PCB 160z JAR	TAL METALS & CYANIDE 40z JAR	HEX. CHROMIUM 40z JAR	Ignitability Corrosivity Reactivity 40z JAR	TOC, TPH, BTU 40z JAR	TCLP 40z & 160z JAR	TEMPERATURE	REMARKS
FT DR01	8/31/94	1425		X	FT-DR01	10	1	1	1	1	1	3	2	[illegible]	
TEMP	↓	1650		X	TEMP #64 3.5°C	1	–	–	–	–	–	–	–	1	

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Paul M. [signature] [signature]	8/31/94 1800	FEDERAL EXPRESS			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): [signature]	DATE / TIME: 9/01/94 1400	REMARKS: SHIPPED to RECRA LAB FOR ANALYSIS AB# 2259721181 ATTN LINDA SHAFERNICH	

Order No. 70 [illegible]3)

000007

RECRA ENVIRONMENTAL, INC.

CHAIN OF CUSTODY RECORD

PROJECT NO

SITE NAME: CALVERTON

SAMPLERS (SIGNATURE): M. MENGEL

STATION NO	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO OF CONTAINERS	40 ml VOA VIAL	TCL - VOC's	32 oz AMBER	TOTAL PHENOLICS + REST.	32 oz AMBER	TCL SVOC's	1 LITER PE	IRON + MN			REMARKS
	9/15	1500		X	FT-TR-INF-1	5	2	1	1			1					NOTE: QUICK TURNAROUND
	9/15	1515		X	FT-TR-EFF-1	5	2	1	1			1					
	9/15	1515		X	FT-TR-EFF-1A	2	2										
	9/15	1530		X	FT-TR-TB1	2	2										

RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
Mark L. Mengel	9-15-94 1600	FED EX AIRBILL # 2179841875			
RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED FOR LABORATORY BY (SIGNATURE)	DATE/TIME	REMARKS	

Distribution: Original accompanies shipment copy to coordinator field files

000005

NUS CORPORATION AND SUBSIDAIRES Brown-N-Root Environmental Halliburton NUS **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] 62994 Paul M. Dai

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	62994 PMD ~~[illegible]~~	TCL VOAIS					REMARKS
TB-629	6-29-94	0855		X	TB-629	2		2					Trip Blank
FB-629		0900		X	FB-629-1	2		2					
FB-629		0905		X	FB-629-2	2		2					
FB-629		0910		X	FB-629-3	2		2					
					Temp. Blank NO. 42	1							Temperature Blank 3°C

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Dai	6/29/94 1645	FED EX.			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE): M Johnson	DATE / TIME: 6/30/94 1200	REMARKS: Shipped via. Fed EX Airbill NO. 5739377932	

NUS 440 REVISE

HALLIBURTON NUS Environmental Corporation and Subsidiaries

CHAIN OF CUSTODY RECORD

PROJECT NO.: CTO #138

SITE NAME: CALVERTON

SAMPLERS (SIGNATURE): Scott D. Hilbert, Paul M. [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml VOA TCL-VOC's	32 OZ. AMBER TOTAL PHENOLICS & PEST	32 OZ. AMBER TCL-SVOC's	2 LITER POLY IRON & MN			REMARKS
	10/25/94	15:40		✓	CA-PT1A	4	2		1	1			
	10/25/94	15:30		✓	CA-PT1B	4	2		1	1			
	10/26/94	03:25		✓	CA-PT2A	5	2	1	1	1			
	10/26/94	03:30		✓	CA-PT2B	5	2	1	1	1			
	10/25/94	15:00		✓	CA-PTTB1	2	2						
	10/27/94	11:30		✓	CA-WTP-01	5	2	1	1	1			
	10/27/94	11:45		✓	CA-TB-02	2	2						
	10/27/94	11:50			TEMP. BLANK	1	[illegible]						8 oz PE Jar

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Scott D. Hilbert	10/27/94 1200				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED VIA FEDERAL EXPRESS AIRBILL No. 2125076693	
		[illegible]	10/28/94 1200		

NUS 440 REVISED 0891

00004

VOLUMETRIC
CHAIN OF CUSTODY

CHAIN OF CUSTODY RECORD

#21 VOL.

PROJECT NO.:	SITE NAME:
0206	Calcasieu - NWRP

SAMPLERS (SIGNATURE): Paul M. Dunn

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Selected VOAs						REMARKS
FD-TW10	6-20-94	0730		X	FD-TW10-1-TB	2	2						Trip Blank
↓	↓	0835		X	FD-TW10-1	2	2						
↓	↓	0940		X	FD-TW10-2	2	2						
FD-TW11	↓	1224		X	FD-TW11-1	2	2						
↓	↓	1325		X	FD-TW11-2	2	2						
FD-TW12	↓	1505		X	FD-TW12-1	2	2						
↓	↓	1505		X	FD-TW12-1-DU	2	2						Dup.
↓	↓	1606		X	FD-TW12-2	2	2						
↓	↓	1620		X	FD-TW12-2-RB	2	2						Rinsate Blank

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Dunn	6-20-94 1620	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Pick-up by volumetric Attn: S. Sternic	

Order No. 70[illegible]3)

CHAIN OF CUSTODY RECORD

20 VOL

PROJECT NO.:	SITE NAME:
0206	CALVERTON, NWIRP

SAMPLERS (SIGNATURE): Paul M. Daniel

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FD-TW09	6/17/94	0730		X	FD-TW09-1-TB	2	2						
		0807		X	FD-TW09-1	2	2						
		0910		X	FD-TW09-2	2	2						
		0930		X	FD-TW09-2-RB	2	2						Rinsate to Analize

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Daniel	6/17/94 1430				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Pickup By Volumetric Attn S. Sternic	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

#19 VOC

PROJECT NO.:	SITE NAME:
0206	CALVERTON, NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECT GC/MS						REMARKS
FD-TW08	6-16-94	1522		X	FD-TW08-2	2	2						
↓	↓	1540		X	FD-TW08-2-RB	2	2						Rinsate to Hold if problems occur

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	6/16/94 1600	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Pick up by Volumetric Attn S. Stonik	

Order No. 70(33)

CHAIN OF CUSTODY RECORD

#18 VOL

PROJECT NO.: 0206

SITE NAME: CALVERTON, NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FC-TW16	6/15/94	1440		X	FC-TW16-1-TB	2	2						
		1448		X	FC-TW16-1	2	2						
		1557		X	FC-TW16-2	2	2						OVA Reading 56
		1557		X	FC-TW16-2-DU	2	2						OVA Reading 56
FC-TW17		1640		X	FC-TW17-1	2	2						OVA Reading 110
		1740		X	FC-TW17-2	2	2						OVA Reding 80
		1750		X	FC-TW17-2-RB	2	2						Rinsate to Analize
FC-TW18	6/16/94	0730		X	FC-TW18-1-TB	2	2						
		0829		X	FC-TW18-1	2	2						
		0932		X	FC-TW18-2	2	2						
FD-TW07		1105		X	FD-TW07-1	6	6						MS/MSD
		1205		X	FD-TW07-2	2	2						
		1205		X	FD-TW07-2-DU	2	2						
FD-TW08		1418		X	FD-TW08-1	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	6/16/94 1600	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Pick up By Volumetric Attn. S. Sternis	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

#17 VOL

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] Paul M. Davis

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FT-TW23	6/13/94	1600		X	FT-TW23-1-TB	2	2						
↓	↓	1618		X	FT-TW23-1	2	2						
↓	↓	1714		X	FT-TW23-2	2	2						
FT-TW24	6/14/94	0800		X	FT-TW24-1-TB	2	2						
↓	↓	1012		X	FT-TW24-1	2	2						
↓	↓	1130		X	FT-TW 24-2	6	6						
↓	↓	1410		X	FT-TW 24-2-RB	2	2						Rinsate to Hold if Problems occur

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Paul M. Davis	6/15/94 0900	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: PICK UP BY VOLUMETRIC ATTN SANDER STERNIC	

Order No. 7044[illegible] (0693)

CHAIN OF CUSTODY RECORD

#17 VOL

PROJECT NO.: 0206	SITE NAME: CALVERTON NWIRP
SAMPLERS (SIGNATURE): [signature] Paul n Sanni	

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FT-TW23	6/13/94	1600		X	FT-TW23-1-TB	2	2						
↓	↓	1618		X	FT-TW23-1	2	2						
↓	↓	1714		X	FT-TW23-2	2	2						
FT-TW24	6/14/94	0800		X	FT-TW24-1-TB	2	2						
↓	↓	1012		X	FT-TW24-1	2	2						
↓	↓	1130		X	FT-TW 24-2	6	6						
↓	↓	1410		X	FT-TW 24-2-RB	2	2						Rinsate to Hold if Problems occur

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Paul n. Sanni	6/15/94 0900	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: PICK UP BY VOLUMETRIC ATTN SANDER STERNIC	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

#16 VOL

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FT-TW21	6-13-94	0800		X	FT-TW21-1-TB	2	2						
		1020		X	FT-TW21-1	2	2						
		1147		X	FT-TW21-2	2	2						
		1147		X	FT-TW21-2-DU	2	2						
FT-TW22		1335		X	FT-TW22-1	2	2						
		1455		X	FT-TW22-2	2	2						
		1515		X	FT-TW22-2-RB	2	2						Do Rinsate

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature]	6-13-94 1600	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Pick up R-1 VOLUMETRICS ATTN. S. STERNIC	

Order No. 70(593)

CHAIN OF CUSTODY RECORD

#15 VOL

PROJECT NO.:	SITE NAME:
0206	CALVERTON, NWIRP

SAMPLERS (SIGNATURE): [illegible] Paul Dain

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FT-TW20	5/24/94	0800		X	FT-TW20-1-TB	2	2						Trip Blank
		0850		X	FT-TW20-1	2	2						
		1004		X	FT-TW20-2	2	2						
FC-TW13		1129		X	FC-TW13-1	2	2						
		1215		X	FC-TW13-2	2	2						
FC-TW14		1316		X	FC-TW14-1	2	2						
		1420		X	FC-TW14-2	2	2						
FC-TW15		1538		X	FC-TW15-1	2	2						
		1550		X	FC-TW15-1-RB	2	2						Rinsate to Analize
FC-TW15	5/24/94	1633		X	FC-TW15-2	2	2						
	5/24/94	0820		X	FC-TW15-2-FB1	2	2						
		0833		X	FC-TW15-2-FB2	2	2						
		0837		X	FC-TW15-2-FB3	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul Dain [illegible]	5/24/94 1955	[illegible]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Pick up BY VOLUMETRIC Attn: SANDER STERNIC	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

#14 VOL

PROJECT NO.: 0206

SITE NAME: Calverton. NWIRP

SAMPLERS (SIGNATURE): Paul Dan [illegible]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Select VOAs						REMARKS
FT-TW17	5/19/94	0730		X	FT-TW17-1-TB	2	2						Trip Blank
		0810		X	FT-TW17-1	2	2						
		0904		X	FT-TW17-2	2	2						
FT-TW18		1040		X	FT-TW18-1	2	2						
		1150		X	FT-TW18-2	2	2						
		1150		X	FT-TW18-2-DU	2	2						Duplicate
FT-TW19		1340		X	FT-TW19-1	2	2						
		1440		X	FT-TW19-2	2	2						
		1515		X	FT-TW19-2-RB	2	2						(HOLD IF PROBLEMS OCCUR) Rinsate Blank
		1531		X	FT-TW19-2-FB	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul Dan [illegible]	5/19/94 1800	[illegible] 400			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: PICKUP BY VOLUMETRIC ATTN SANDER STERNIC	

Order No. 704[illegible] (693)

CHAIN OF CUSTODY RECORD

#13 VOC

PROJECT NO.:	SITE NAME:
0206	CALVERTON, NYIRP

SAMPLERS (SIGNATURE): [signature] [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FD-TW05	5/18/94	0730		X	FD-TW05-1-TB	2	2						
		0745		X	FD-TW05-1-RB	2	2						Rinsate to Hold if Problems occur
		0822		X	FD-TW05-1-	2	2						
		0920		X	FD-TW05-2	6	6						MS/MSD to Do
		1030		X	FD-TW05-2-RB	2	2						Rinsate to Analize
FD-TW06		1035		X	FD-TW06-1	2	2						
		1150		X	FD-TW06-2	2	2						
FT-TW16		1425		X	FT-TW16-1	2	2						
		1525		X	FT-TW16-2	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] [signature]	5/18/94 1608	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Pick up by Volumetric Attn. Sander Sternic	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

#12 VOL

PROJECT NO.:	SITE NAME:
0206	CALVERTON NV11RP

SAMPLERS (SIGNATURE): Terry R. Nagel Paul M. Dai

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Select VOAs						REMARKS
FD-TW02	5.17.94	0730		✓	FD-TW02-1-TB	2	2						Trip Blank
↓	5.17.94	0840		✓	FD TW02-1	2	2						
↓	5.17.94	0955		✓	FD-TW02-2	2	2						
FD-TW03	5-17-94	1125		✓	FD-TW03-1	2	2						
↓	5.17.94	1225		✓	FD-TW03-2	2	2						
FD-TW04	5.17.94	1429		✓	FD-TW04-1	2	2						
↓	5.17.94	1429		✓	FD-TW04-1-DU	2	2						Duplicate
↓	5-17-94	1535		✓	FD-TW04-2 ~~DU~~ TK	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Dai Terry R. Nagel	5-17-94 1600	PAM 4:00			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: PICK UP BY VOLUMETRIC Attn. SANDER STERNIC	

Order No. 70(593)

CHAIN OF CUSTODY RECORD

#11 VOL

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [illegible] Paul M. Dias

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Select VOAS						REMARKS
FC-TW11	5.16.94	0730		✓	FC-TW11-1-TB	2	2						Trip blank
FC-TW11	5.16.94	0820		✓	FC-TW11-1	2	2						
FC-TW11	5.16.94	0920		✓	FC-TW11-2	2	2						
FC-TW12	5.16.94	1010		✓	FC-TW12-1	2	2						110 [illegible] OVA
↓	5.16.94	1010		✓	FC-TW12-1-DU	2	2						110 [illegible] Duplicate
↓	5.16.94	1120		✓	FC-TW12-2	6	6						DU MS/MSD 38 ppm
FD-TW01	5.16.94	1350		✓	FD-TW01-1	2	2						
↓	5.16.94	1505		✓	FD-TW01-2	2	2						
↓	5.16.94	1550		✓	FD-TW01-2-RB	2	2						Rinsate to ANALYZE

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[illegible] Paul M. Dias	5/16/94 1615	[illegible]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Pick up by Volumetric Attn. Sander Sternic	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

#10 VOL

PROJECT NO.:	SITE NAME:
0206	CALVERTON, NWIRP

SAMPLERS (SIGNATURE): Paul M. Dunn, Terry A. Hazel

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS LAB NOTE *
FC-TW10	5/13/94	0745		X	FC-TW10-1-TB	2	2						
↓	↓	0750		X	FC-TW10-1-RB	2	2						Rinsate to Hold if Problem occur
		0805		X	FC-TW10-1	2	2						
		0905		X	FC-TW10-2	2	2						*OVA READING High IN WELL CASING (600 ppm)
		0915		X	FC-TW10-2-RB	2	2						Rinsate to ANALIZE

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Dunn	5/13/94 1350				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: PICK UP BY VOLUMETRIC Attn SANDER STERNIC	
	5/17/94				

Order No. 704[illegible] (693)

CHAIN OF CUSTODY RECORD

#9 VOL

PROJECT NO.: 0206

SITE NAME: NWIRP-Calverton

SAMPLERS (SIGNATURE): Paul Dan

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Select Volatiles						REMARKS
FC-TW08	5-12-94	1100		✓	FC-TW08-1-TB	2	2						Trip Blank
	5-12-94	1155		✓	FC-TW08-1	2	2						
	5-12-94	1248		✓	FC-TW08-2	2	2						
FC-TW09	5-12-94	1410		✓	FC-TW09-1	2	2						
	5-12-94	1410		✓	FC-TW09-1-DU	2	2						
	5-12-94	1502		✓	FC-TW09-2	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul Dan	5/12/94 1600				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: Pick up By Volumetrics Attn. Sander Stennic	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

#8 VOL

PROJECT NO.: 0206	SITE NAME: CALVERTON, NWIRP
SAMPLERS (SIGNATURE): Terry Agah, Paul Dan	

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FC-TW03	5/10/94	1535		X	FC-TW03-2-TB	2	2						
↓	↓	1600		X	FC-TW03-2	2	2						
FC-TW04	↓	1645		X	FC-TW04-1	2	2						
↓	↓	1747		X	FC-TW04-2	2	2						
↓	↓	1747		X	FC-TW04-2-DU	2	2						
FC-TW05	5/11/94	0854		X	FC-TW05-1	2	2						
↓	↓	0945		X	FC-TW05-2	2	2						
FC-TW06	↓	1045		X	FC-TW06-1	6	6						DO MS/MSD/LD
↓	↓	1128		X	FC-TW06-2	2	2						
FC-TW07	↓	1205		X	FC-TW07-1	2	2						
↓	↓	1311		X	FC-TW07-2	2	2						
FC-TW07	↓	1505		X	FC-TW07-2-RB	2	2						RINSATE to ANALIZE

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Terry Agah, Paul Dan	5/11/94 1610	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: PICKED UP BY VOLUMETRICS ATTN SANDER STERNIS	

Order No. 70('93)

CHAIN OF CUSTODY RECORD

#7 VOL.

PROJECT NO.: 0206

SITE NAME: CALVERTON, NWIRP

SAMPLERS (SIGNATURE): Paul M. Dani

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FC-TW01	5/10/94	0730		X	FC-TW01-1-TB	2	2						
		0800		X	FC-TW01-1-RB	2	2						RINSATE to ANALYZE
		1040		X	FC-TW01-1	2	2						
		1145		X	FC-TW01-2	2	2						
FC-TW02		1235		X	FC-TW02-1	2	2						
		1330		X	FC-TW02-2	2	2						
FC-TW03		1500		X	FC-TW03-1	2	2						
		1520		X	FC-TW03-1-RB	2	2						RINSATE to HOLD IF PROBLEMS OCCURE

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Dani	5/10/94 16:10	[illegible]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: PICKED UP BY VOLUMETRIC FOR ANALYSIS ATTN SANDER STERNIC	

Order No. 70440 (0693)

CHAIN OF CUSTODY RECORD

#6 VOL

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): Paul Davis [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FT-TW14	5/3/94	0800		X	FT-TW14-1-TB	2	2						
↓		0810		X	FT-TW14-1	2	2						
		0925		X	FT-TW14-2	2	2						
		0925		X	FT-TW14-2-DU	2	2						
FT-TW15		1050		X	FT-TW15-1	2	2						
↓		1205		X	FT-TW15-2	2	2						
FC TW01		1310		X	FC-TW01-1-FB9	2	2						
		1320		X	FC-TW01-1-FB10	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul D. [signature]	5/7/94 1410	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: PICKED UP BY VOLUMETRIC FOR ANALYSIS ATTN SANDER STERNIC	

Order No. 704[illegible]93)

NUS CORPORATION AND SUBSIDAIRES #5 VOL **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] Paul Dani

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FT-TW11	5/5/94	1600		X	FT-TW11-2-TB	2	2						
↓	↓	1630		X	FT-TW11-2	2	2						
FT-TW12	5/6/94	0820		X	FT-TW12-1	2	2						
↓	↓	0940		X	FT-TW12-2	2	2						
FT-TW13	↓	1050		X	FT-TW13-1	2	2						
↓	↓	1145		X	FT-TW13-2	2	2						
↓	↓	1150		X	FT-TW13-2-RB	2	2						Rinsate to Analize

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Paul Dani	5/6/94 1355	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: PICK UP BY VOLUMETRIC FOR ANALYSIS ATTN. SANDER STERNIC	

NUS 440 REVISED 0890

NUS CORPORATION AND SUBSIDAIRES #4VOL **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature] [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FT-TW07	5/4/94	1550		X	FT-TW07-2-TB	2	2						
FT-TW07		1555		X	FT-TW07-2	2	2						
FT-TW08		1715		X	FT-TW08-1	2	2						
FT-TW08	5/5/94	0827		X	FT-TW08-2	2	2						
FT-TW09		0952		X	FT-TW09-1-	2	2						
FT-TW09		0952		X	FT-TW09-1-DU	2	2						
FT-TW09		1115		X	FT-TW09-2	2	2						
FT-TW10		1225		X	FT-TW10-1	2	2						
FT-TW10		1338		X	FT-TW10-2	2	2						
FT-TW11		1520		X	FT-TW11-1	6	6						DO MS/MSD
FT TW11		1545		X	FT-TW11-1-RB	2	2						RINSATE OCCUR to Hold IF Problems

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] [signature]	5/5/94 1600	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: PICK UP BY VOLUMETRIC FOR ANALYSIS Attn. Sandra Sternic	

NUS 440 REVIS

NUS CORPORATION AND SUBSIDAIRES #3 VOL **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTON, NWIRP

SAMPLERS (SIGNATURE):

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FT-TW04	5/3/94	1600		X	FT-TW04-2-TB	2	2						
FT-TW04	5/3/94	1645		X	FT-TW04-2	2	2						
FT-TW05	5/4/94	0840		X	FT-TW05-1	2	2						
FT-TW05	5/4/94	1015		X	FT-TW05-2	2	2						
FT-TW06	5/4/94	1135		X	FT-TW06-1	2	2						
FT-TW06	5/4/94	1305		X	FT-TW06-2	2	2						
FT-TW07	5/4/94	1423		X	FT-TW07-1	2	2						
FT-TW07	5/4/94	1530		X	FT-TW07-1-RB	2	2						Rinsate to Analize

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
	5/4/94 1600				
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS:	

NUS 440 REVISED 0890

NUS CORPORATION AND SUBSIDAIRES #2 VOL **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): Paul M. Dain

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOA'S						REMARKS
FT-TW02	5/3/94	0900		X	FT-TW02-2-TB	2	2						
FT-TW02	5/3/94	0955		X	FT-TW02-2	2	2						
FT-TW02	5/3/94	0955		X	FT-TW02-2-DU	2	2						
FT-TW03	5/3/94	1220		X	FT-TW03-1	2	2						
FT-TW03	5/3/94	1415		X	FT-TW03-2	2	2						
FT-TW04	5/3/94	1440		X	FT-TW04-1	2	2						
FT-TW04	5/3/94	1540		X	FT-TW04-1-RB	2	2						RINSATE TO HOLD IF PROBLEMS OCCUR

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Paul M. Dain	5/3/94 1600	[illegible]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: PICK UP BY VOLUMETRIC FOR ANALYSIS	

NUS 440 REVISION 0

NUS CORPORATION AND SUBSIDAIRES #1 VOL **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTON

SAMPLERS (SIGNATURE): [signature] [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SELECTED VOAS						REMARKS
FT-TW01	5/2/94	0800		X	FT-TW01-TB	2	2						
↓		1030		X	FT-TW01-1	2	2						
FT-TW02		1110		X	FT-TW02-1	2	2						
FT-TW01		1430		X	FT-TW01-2	6	6						MS/MSD
		1545		X	FT-TW01-2-FB7	2	2						
		1600		X	FT-TW01-2-FB8	2	2						
↓	↓	1615		X	FT-TW01-2-RB	2	2						Rinsate to Analize

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
[signature] Paul M. Dani	5/2/94 1630	[signature]			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: DELIVER to VOLUMETRICS FOR ANALYSIS ATTN SANDER STERNIC	

NUS 440 REVISED 0890

GEOTESTING
CHAIN OF CUSTODY

NUS CORPORATION AND SUBSIDAIRES #1 GEO **CHAIN OF CUSTODY RECORD**

PROJECT NO.: 0206

SITE NAME: CALVERTON NWIRP

SAMPLERS (SIGNATURE): [signature]

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Grain size + Moisture content						REMARKS
NP-WST07	4/19/94	1059		X	NP-WST07-0102	2	2						
NP-ST02	4/20/94	1414		X	NP-ST 02-0405	2	2						
NP-WST22	4/21/94	0926		X	NP-WST22-0002	2	2						
NP-WST22	4/21/94	0926		X	~~NP-WST22-0002-DU~~	~~2~~	~~2~~						TC 4/25/94
NP-ST24	4/21/94	1237		X	NP-ST 24-0405	2	2						
NP-ST24	4/21/94	1237		X	~~NP-ST24-0405-DU~~	~~2~~	~~2~~						TC 4/28/94
NP-SS04	4/25/94	1022		X	NP-SS04-	2	2						
NP-SD05	4/26/94	1138		X	NP-SD05-000.5	2	2						

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
[signature]	5/2/94 1745	FEDERAL EXPRESS AB# 5739377803			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY(SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to GEOTESTING EXPRESS FOR ANALYSIS Attn: W. ALLEN MARK	

NUS 440 REVISED

CHAIN OF CUSTODY RECORD

#3 GEO

PROJECT NO.:	SITE NAME:
0206	CALVERTON NWIRP

SAMPLERS (SIGNATURE): Terry A. Rogers

STATION NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	BULK DENSITY	Moisture Content & Particle Size						REMARKS
FT-SS01	5/26/94	0745		X	FT-SS01-000.5	3	2	1						
FC-SS01	↓	1015		X	FC-SS01-000.5	3	2	1						
NP-SS04	↓	1240		X	NP-SS04	2	2							
NP-SD05	↓	1250		X	NP-SD05-000.5	2	2							

RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
Terry A. Rogers	5/26/94 1600	FEDERAL EXPRESS AB# 5739377884			
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):	RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED BY (SIGNATURE):
RELINQUISHED BY (SIGNATURE):	DATE / TIME:	RECEIVED FOR LABORATORY BY (SIGNATURE):	DATE / TIME:	REMARKS: SHIPPED to GEOTESTING EXPRESS FOR ANALYSIS ATTN: Mr. MARR	

Order No. 70440 (0693)

APPENDIX D

SAMPLE LOG SHEETS

SITE 1

SURFACE SOIL

SAMPLE LOG SHEET

NP-SS

SITE 1

Halliburton NUS CORPORATION

- [x] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [ ] ~~Other TEST PIT~~ TK

By TR/EH

COFC # 13 RECRA

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-SSC1-RB Source Location Rinsate Blank

Sample Method: DI auger s.s. trowel	Composite Sample Data
Depth Sampled:	Sample / Time / Color / Description
Sample Date & Time: 04/25/99 0900	
Sampled By: TR & EH	
Signature(s): [signature]	N/A
Type of Sample: [x] Low Concentration; [ ] High Concentration; [ ] Grab; [ ] Composite; [ ] Grab - Composite	✓ IF COLLECTED
	Sample Data
	Color / Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:	
PCB / PESTICIDES	
TAL INORGANICS	✓
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	✓
Particle Size	
Bulk Density	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes

Rinsate Blank to Analize

SAMPLE LOG SHEET

NP-SS
Page 2 of 7

Halliburton NUS CORPORATION

- [x] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] ~~Other Test Pit~~ TR

SITE 1

By EH / TR

C of C # 13 RECRA

Project Site Name CALVERTON NWIRP Project Site Number 0206

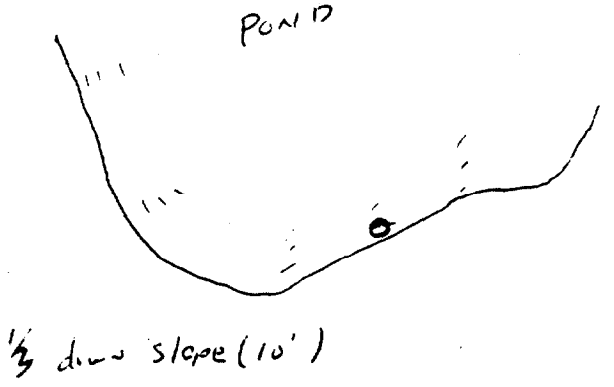
NUS Source No. NP-SS01 ~~0001~~ TR Source Location SS01

Sample Method: S.S. Trowel	Composite Sample Data
Depth Sampled: 3" - 6"	Sample / Time / Color / Description
Sample Date & Time: 4/25/94 1005	
Sampled By: EH	
Signature(s):	N/A
Type of Sample: [x] Low Concentration [ ] High Concentration [ ] Grab [ ] Composite [ ] Grab - Composite	Sample Data
	Color: Lt Brown — Description: (Sand, Clay, Dry, Moist, Wet, etc.): Fine - Med grain sandy soil c/ Rounded Pebbles

✓ IF COLLECTED

Analysis:	
PCB / PESTICIDES	
TAL INORGANICS	✓
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	✓
Particul SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes See site map for location



SAMPLE LOG SHEET

NP.SS

Page 3 of 7

SITE 1

Halliburton NUS CORPORATION

- [x] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other ~~Test Pit~~ (TR)

By EH/TR

C of C # 13 RECRA

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP. 3502 Source Location 3502

Sample Method: S.S. Trowel	Composite Sample Data
Depth Sampled: 3" - 6"	Sample / Time / Color / Description
Sample Date & Time: 4/25/94 1010	
Sampled By: EH	
Signature(s):	N/A
Type of Sample (If Collected)	
[ ] Low Concentration	
[ ] High Concentration	
[ ] Grab	
[ ] Composite	
[ ] Grab - Composite	

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Lt Brown	Fine - Med Grain Sand w/ Rounded Pebbles

Analysis:
PCB / PESTICIDES
TAL INORGANICS ✓
TCL VOLATILES
PCB / PEST. & SEMIVOLATILES ✓
Partical Size
Bulk Density
Moisture Content
TOC
TPH
BTU
TCLP

Observations / Notes See Site Map for location

105' Down Slope

SAMPLE LOG SHEET

NP-SS Page 4 of 7

Halliburton NUS CORPORATION

- [x] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] ~~Other TEST PIT~~ TR

SITE 1

By EH/TR

COFC # 13 RECRA

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NIP-SS03 Source Location SS03

Sample Method: SS Trowel	Composite Sample Data: Sample / Time / Color / Description
Depth Sampled: 3-6"	
Sample Date & Time: 4/25/94 1014	
Sampled By: EH	NF
Signature(s):	
Type of Sample (✓ IF COLLECTED): [x] Low Concentration; [ ] High Concentration; [ ] Grab; [ ] Composite; [ ] Grab - Composite	Sample Data: Color: Lt. Brown; Description: (Sand, Clay, Dry, Moist, Wet, etc.) Fine - Mid Sand w/Rounded Pebbels

Analysis:	
PCB / PESTICIDES	
TAL INORGANICS	✓
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	✓
PARTICAL SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes See site map for location

Between test pits 03 & 04

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [x] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT (TR)

NP-SS
Page 5 of 7
SITE 1
By EH / TR
C of C # 13 RECRA

Project Site Name CALVERTON NWIRP Project Site Number 0206
NUS Source No. NP-SS04 & NP-SS04-DU Source Location SS-04 Dup. taken

Sample Method: S.S. Trowel	Composite Sample Data
Depth Sampled: 3-6"	Sample / Time / Color / Description
Sample Date & Time: 4/25/94 1022	
Sampled By: EH	N/A
Signature(s): [signature]	

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Grey	Fine - med sand w/ rounded pebbels

Analysis:	
PCB / PESTICIDES	
TAL INORGANICS	✓
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	✓
Partical Size	✓
BULK DENSITY	✓
Moisture Content	✓
TOC	✓
TPH	✓
BTU	✓
TCLP	✓

Observations / Notes see site map for location
ALSO: NP-SS04-DU collected @ this location

DUP. TAKEN

SEE C of C #1 GEO

COLLECTED 5/26/94 @ 1240 Hrs
SEE C of C #3 GEO

SAMPLE LOG SHEET

Page NP-SS 6 of 7

SITE 1

By EH/TR

C of C # 13 RECRA

Halliburton NUS CORPORATION

- [x] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] ~~Other~~ ~~TEST PIT~~ (TR)

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-SS05 Source Location SS05

Sample Method: S.S. Trowel	
Depth Sampled: 3"-6"	
Sample Date & Time: 4/25/94 1030	
Sampled By: EH	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Lt Brown	Fine - Med grain sand w/ Rounded Pebbels

Analysis:	
PCB / PESTICIDES	
TAL INORGANICS	✓
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	✓
Partical Size	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes see site map for location

MS/MSD/LD

(2) 16oz Jars Extra Vol. For MS/MSD/LD

(1) 4oz Jars

SAMPLE LOG SHEET

NPSS

Page 7 of 7

SITE 1

By EH / TR

C of C # 13 RECRA

Halliburton NUS CORPORATION

- [x] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] ~~Other Test Pit~~ TR

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-SS06 Source Location SS06

Sample Method: S.S. Trowel	
Depth Sampled: 3"-6"	
Sample Date & Time: 4/25/94 1037	
Sampled By: EH	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Lt Brown	Fine - Med grain sand w/ Rounded Pebbels

Analysis:	
PCB / PESTICIDES	
TAL INORGANICS	✓
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	✓
PARTICAL SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes

SEE SITE MAP FOR LOCATION

SITE 1

SUBSURFACE SOIL

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

Northeast Pond Disposal Site

NP → PAGE 2 OF 2

☐ SURFACE SOIL
☒ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

SAMPLERS SIGNATURE [signature]

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

SITE 1
SITE 2

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)GRAB (C)COMPOSITE	ANALYSES: Pesticides/PCBs	TAL Inorganics 1000ml PE	TCL Volatiles 40ml VOA vials	Pesticides/PCBs and semivolatiles Qt. Amber Glass				No. OF CONT TOTAL	SOIL DESCRIPTION
NP-SB05-1416-RB	trowel	–	4/12/94	1650	TR				2	2	3					AQUEOUS Rinsate to Analize
NP-SB05-1416-FB1	Steam Distill	–	4/13/94		TR				2	2	3					
NP-SB05-1416-FB2	TAP	–	"		TR				2	2	3					Facilities Maintenance Bldg

REMARKS:
SAME AS NP1 OF 2
C of C #2 RECKA

LAB:
SAME AS NP1 OF 2

ACAD: FORMS\LOG.DWG 2/11/93 MB

HALLIBURTON NUS Environmental Corporation

☐ SURFACE SOIL
■ SUBSURFACE SOIL
☐ SEDIMENT

☐ LAGOON/POND
☐ OTHER

SAMPLERS SIGNATURE [signature]

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

SITE 1
~~SITE 2~~

ANALYSES: 1602 JAR; 4oz JAR (Soil) (2) 40ml VIALS (AQ); 1602

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L) LOW (H) HIGH	(G) GRAB (C) COMPOSITE	Pesticides/PCBs TAL Metals & Cyanide	~~TAL Inorganics~~ (TR)	TCL Volatiles	Pesticides/PCBs and Semivolatiles TAL Metals & CN				No. OF CONT TOTAL	SOIL DESCRIPTION
NP-SB01-0810-TB	~~0900~~ (TR) LAB	AQUEOUS	4/12/94	0900	TR					2					2	AQUEOUS TRIP BLANK
NP-SB01-0810-	SS	8-10'		0915	TR PD			1							1	BLACK; Silty V. FINE GRAIN SAND W/ DEBRIS & BLUE GRN MAT. Moist; 0 ppm
NP-SB01-0810 DU1	SS	"		0915	TR PD			1							1	DUP OF ABOVE
NP-SB01-1416	SS	14-16'		0938	TR PD					1	1				2	DO MS/MSD/LD; BRN; Silty FINE GRAIN SAND, SOME SUBROUND PEBBLES & DEBRI; Moist 10 PPM
NP-SB01-1820	SS	18-20'		1000	TR PD			1							1	BRN; Silty FINE GRAIN SAND W/ ROUNDED PEBBLES, SATURATED; 5 PPM
NP-SB02-0810	SS	8-10'		1039	TR PD			1							1	DARK BRN; SILTY FINE GRAIN SAND W/ PEBBLES, SOME DEBRIS; Moist; 1.9 PPM
NP-SB02-1820	SS	18-20'		1128	TR PD			1							1	BLK; SANDY SILT W/ DEBRIS SATURATED; 0 PPM
NP-SB03-1618	SS	16-18'		1403	~~TR~~ (TR) PD					1	1				2	BLK; Silty FINE GRAIN SAND W/ CINDERS WET.
NP-SB03-1618 DU2	SS	"		1403	PD					1	1				2	DUP OF ABOVE
NP-SB03-1820	SS	18-20'		1417	PD			1							1	Light BRN; FINE GRAIN SAND W/ ROUNDED PEBBLES; SATURATED
NP-SB04-1214	SS	12-14'		1511	PD			1							1	DARK BRN - Light BRN; Silty SAND SOME CINDERS (SULFUR ODOR) - SANDY SILT; WET
NP-SB04-1416	SS	14-16'		1520	PD					1	1				2	LIGHT BRN; Silty SAND W/ ROUNDED PEBBLES, SATURATED
NP-SB05-0810	SS	8-10'		1600	PD			1							1	BUFF, Silty FINE GRAIN SAND W/ ROUNDED PEBBLES; Moist
NP-SB05-1012	SS	10-12'		1610	PD			1							1	DARK BRN Moist
NP-SB05-1416	SS	14-16'		1620	PD			1							1	BRN; SILTY FINE - MED GRAIN SAND; SATURATED

REMARKS: FED. EX AB# 5734752321
SHIPPED 4/13/94 @ 0900 Hrs
Corc #1 RECRA & #2 RECRA

LAB: RECRA Environmental LABS
Attn. LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93 MB

SITE 1

TEST PIT SOILS

SAMPLE LOG SHEET

Page NP 1 of 18

SITE 1

By TR

C of C #6 RECRA

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST01-0506 Source Location TEST PIT 1

Sample Method: S.S. trowel & Back hoe	
Depth Sampled: 5-6'	
Sample Date & Time: 4/18/94 1510	
Sampled By: TR	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

Sample Data

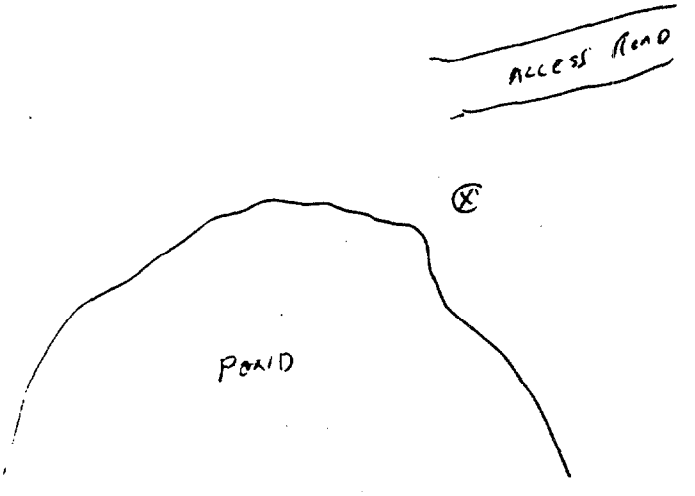
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Brn	Sandy Soil w/ Pebbles

Analysis:	
PCB / PESTICIDES	✓
TAL INORGANICS	✓
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	
PARTICAL SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes

OVA = 3ppm

Test pit
Construction Debris. Asphalt
Concrete block, drum lids only



SAMPLE LOG-SHEET

Page NP 2 of 18

SITE 1

By TR

C of C #6 RECRA

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST01-0506-RB Source Location RINSATE

Sample Method: H_2O OVER S.S. trowel	
Depth Sampled:	
Sample Date & Time: 04-18-94 1630	
Sampled By: TR	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:	
PCB / PESTICIDES	✓
TAL INORGANICS	✓
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	
PARTICAL SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes

AQ. Rinsate

To be Analized

Distilled H_2O Lot # F039

RICCA CHEM CO.

ARLINGTON, TEXAS 76012

NOTE:

ALSO OBTAINED TEMPERATURE BLANK

SAMPLE LOG SHEET

Page NP 3 of 19

SITE 1

By MC

C of C # 6 RECRA

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST07-0607 Source Location TP07

Sample Method: Back Hoe + SS Trowell	
Depth Sampled: ~~0-0.2~~ TC 6-7'	
Sample Date & Time: 4/19/94 1057	
Sampled By: MC	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

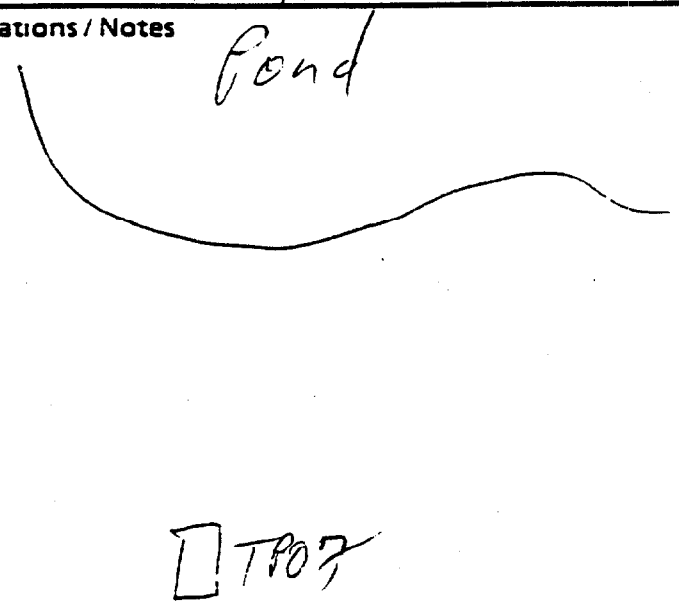
✓ IF COLLECTED

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Brown/Tan	Sand with pebbles

Analysis:	
PCB / PESTICIDES	✓
TAL INORGANICS	✓
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	
PARTICAL SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes



SAMPLE LOG SHEET

Page NP 4 of 18

SITE 1

By _____

C of C # 6 RECRA

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST09-0304 Source Location TEST PIT 9

Sample Method: BACKHOE + SS. Trowel	
Depth Sampled: 03-04'	
Sample Date & Time: 04-19-94 1200	
Sampled By: TR	
Signature(s): [signature]	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
BRN Grey	

Analysis:

- PCB / PESTICIDES ✓
- TAL INORGANICS ✓
- TCL VOLATILES
- PCB / PEST. & SEMIVOLATILES
- PARTICAL SIZE
- BULK DENSITY
- Moisture Content
- TOC
- TPH
- BTU
- TCLP

Observations / Notes

Soil taken NEXT to clushed 55 gal drum some blueish mat. present in sample

SAMPLE LOG SHEET

Page NP 5 of 18

SITE 1

By TR

C of C # 8 RLCRA

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST11-0304-TB Source Location TRIP BLANK

Sample Method: LAB PREPARED	Composite Sample Data
Depth Sampled: —	Sample / Time / Color / Description
Sample Date & Time: 4/19/94 1200	
Sampled By: TRR	
Signature(s): [signature]	N/A
Type of Sample: [x] Low Concentration [ ] High Concentration [ ] Grab [ ] Composite [ ] Grab - Composite	Sample Data: Color / Description: (Sand, Clay, Dry, Moist, Wet, etc.)

✓ IF COLLECTED

Analysis:	
PCB / PESTICIDES	
TAL INORGANICS	
TCL VOLATILES	✓
PCB / PEST & SEMIVOLATILES	
PARTICAL SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes

TRIP BLANK

SAMPLE LOG SHEET

Page NP 6 of 13

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other Test Pit

Site 1

By E. H.

C of C # 3 RECRA

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST11-C364 Source Location Test Pit 11

Sample Method: Back Hoe & SS Trowel

Depth Sampled: 3-4

Sample Date & Time: 4/19/94 1306

Sampled By: E.H

Signature(s): [signature]

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Composite Sample Data

Sample	Time	Color / Description

Sample Data

Color: Rust/Green

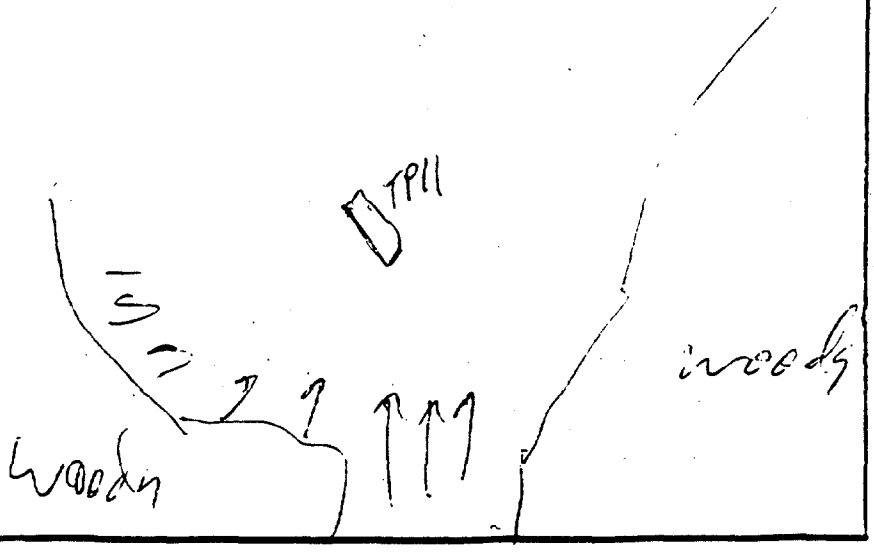
Description: (Sand) Clay, Dry, (Moist) Wet, etc.)

Analysis:	✓ IF COLLECTED
PCB / PESTICIDES	✓
TAL INORGANICS	✓
TCL VOLATILES	✓
PCB / PEST. & SEMIVOLATILES	✓
Particle Size	
Bulk Density	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

SEE

Observations / Notes

OVA Reading 2ppm in backhoe bucket



SAMPLE LOG SHEET

Page NP 7 of 13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Sediment
- ☐ Lagoon / Pond
- ☒ Other TEST PIT

SITE 1

By TR

C OF C # 8 RICCA

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-S71-0304-RB Source Location RINSATE BLANK

Sample Method: DI over S.S. trowel	Composite Sample Data		
	Sample	Time	Color / Description
Depth Sampled: —			
Sample Date & Time: 04/20/94 0745			
Sampled By: TR			
Signature(s): [signature]			
Type of Sample			
☒ Low Concentration			
☐ High Concentration			
☐ Grab			
☐ Composite			
☐ Grab - Composite			

Sample Data	
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:	✓ If Collected
PCB / PESTICIDES	
TAL INORGANICS	✓
TCL VOLATILES	✓
PCB / PEST. & SEMIVOLATILES	✓
Partical Size	
Bulk Density	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes

Rinsate Blank to Analize

RICCA CHEM. CO.
ARLINGTON, TEXAS 76012
LOT # F039

Note:
ALSO collected TEMPERATURE BLANK #3

SAMPLE LOG SHEET

Page NP 8 of 19

SITE 1

By E.H.

C of C # 8 RECRA

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST17-0506 Source Location Test Pit 17 MS/MSD/LD

Sample Method:	Backhoe + CS Trowel
Depth Sampled:	5-6'
Sample Date & Time:	4/20/94 0938
Sampled By:	E.H.
Signature(s):	[signature]

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Black	Sand + Ash w pebbles

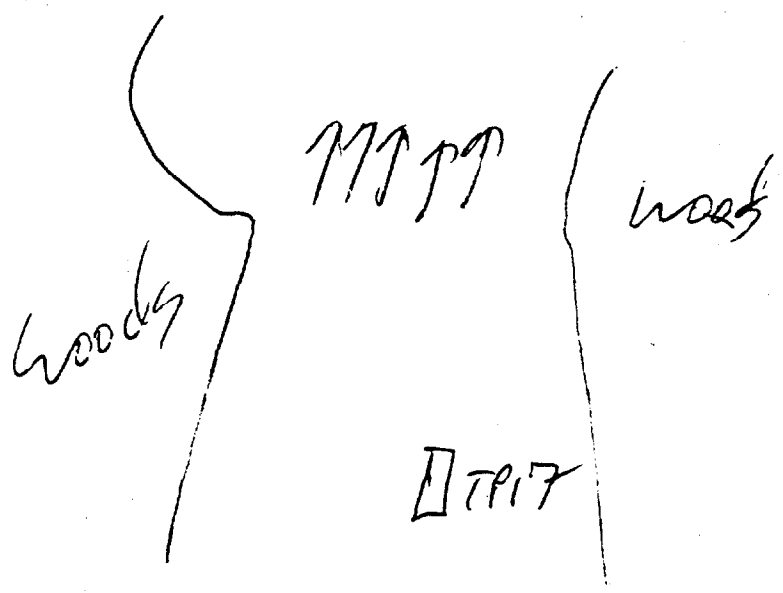
Analysis:

PCB / PESTICIDES (TR)	✓
TAL INORGANICS	✓
TCL VOLATILES	✓
PCB / PEST. & SEMIVOLATILES	✓
PARTICAL SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

see

Observations / Notes ALSO MS/MSD/LD

OVA Readings to 5ppm in Sample material in Backhoe bucket



SAMPLE LOG SHEET

Page NP 9 of 18

SITE 1

By E.H.

C of C # 9 ROCRA

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST15-0607 Source Location Test Pit TP15

Sample Method:	Backhoe + SS Travel
Depth Sampled:	06'-07'
Sample Date & Time:	4/20/94 1106
Sampled By:	E.H.
Signature(s):	[signature]

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

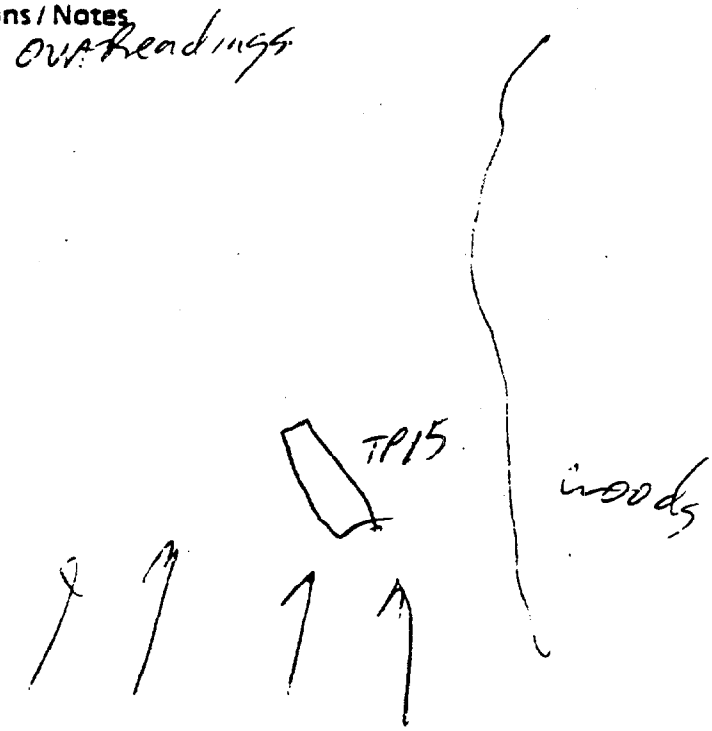
Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Black + Brown	Sand + Ash Mixture

Analysis:	
PCB / PESTICIDES	✓
TAL INORGANICS	✓
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	
PARTICAL SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes

NO OVA Readings



SAMPLE LOG SHEET

Page NP10 of 18

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Sediment
- ☐ Lagoon / Pond
- ☒ Other TEST PIT

SITE 1

By E.H.

C OF C # 10 RECLA

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST02-0405 Source Location Test Pit TP02

Sample Method: Back Hoe + SS Trowel	Composite Sample Data
Depth Sampled: 4-5'	Sample / Time / Color / Description
Sample Date & Time: 4/20/94 1414	
Sampled By: E.H.	N/A
Signature(s): [signature]	

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

✓ IF COLLECTED

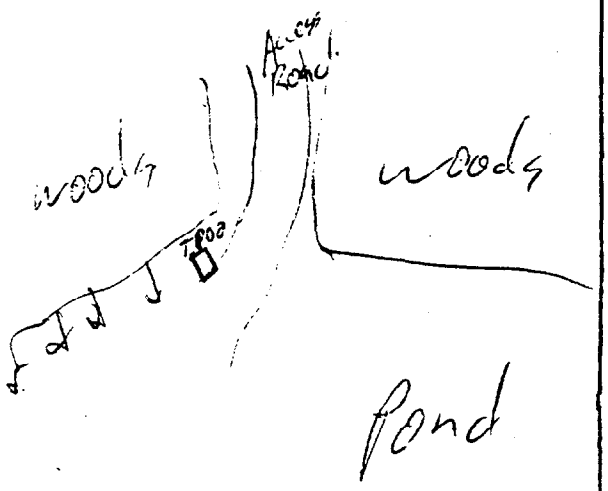
Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Orange/tan	Sand w/ well rounded pebbles

Analysis:	✓
PCB / PESTICIDES	
TAL INORGANICS	
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	
Particle Size	✓
Bulk Density	
Moisture Content	✓
TOC	✓
TPH	✓
BTU	✓
TCLP	✓

RECLA

Observations / Notes



SAMPLE LOG SHEET

Page NP 1 of 18

SITE 1

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Sediment
- ☐ Lagoon / Pond
- ☒ Other TEST PIT

By TR

C OF C #10 RECEIVED

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST17-0506-TB Source Location TRIP BLANK

Sample Method: LAB PREPARED	Composite Sample Data		
	Sample	Time	Color / Description
Depth Sampled: —			
Sample Date & Time: 4/20/94 1630			
Sampled By: TR			
Signature(s): [signature]		N/A	
Type of Sample ☒ Low Concentration ☐ High Concentration ☐ Grab ☐ Composite ☐ Grab - Composite			
	Sample Data		
	Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)	

Analysis:	Observations / Notes
TCL VOLATILES	TRIP BLANK

SAMPLE LOG SHEET

Page NP 12 of 18

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Sediment
- ☐ Lagoon / Pond
- ☒ Other TEST Pit

By TR

C of C # 10 LCCA

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST17-0506-FB3 Source Location FIELD BLANK

Sample Method: Direct pour FROM DI WATER into Containers	Composite Sample Data		
	Sample	Time	Color / Description
Depth Sampled:			
Sample Date & Time: 4/20/94 1630			
Sampled By: TR			
Signature(s): [signature]		N/A	
Type of Sample			
☒ Low Concentration			
☐ High Concentration			
☐ Grab			
☐ Composite			
☐ Grab - Composite			

Sample Data	
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:
TCL Volatiles
PESTICIDE/PCBs
SEMI VOLATILES
TAL METALS
CYANIDE

Observations / Notes

Distilled (DI) H_2O Reagent Grade
Lot # F039
RICCA CHEM CO.
ARLINGTON, TEXAS 76012

SAMPLE LOG SHEET

Page NP 13 of 18

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Sediment
- ☐ Lagoon / Pond
- ☒ Other TEST PIT

By TR

C of C # 10 RGLCA

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST17-0506-RB Source Location RINSATE BLANK

Sample Method: Pour DI over S.S. trowel

Depth Sampled: —

Sample Date & Time: 4/21/94 0900

Sampled By: TR

Signature(s): [signature]

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:

- TCL VOLATILES
- Pest. cide/PCB
- SEMIVOLATILES
- TAL METALS
- CYANIDE

Observations / Notes

DI WATER
Lot # F039

ALSO POUR TEMPERATURE BLANK #4

SAMPLE LOG SHEET

Page NP 14 of 18

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

SITE 1

By E.H

C OF C # 10 RECCA

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST23-0607 Source Location Test Pit

Sample Method: Back Hoe & SS Trowel

Depth Sampled: 6'-7'

Sample Date & Time: 4/21/94 1142

Sampled By: E.H

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

Analysis:
- PCB / PESTICIDES ✓
- TAL INORGANICS ✓
- TCL VOLATILES
- PCB / PEST. & SEMIVOLATILES
- Partical Size
- BULK DENSITY
- Moisture Content
- TOC
- TPH
- BTU
- TCLP

Composite Sample Data

Sample	Time	Color / Description
	N/A	

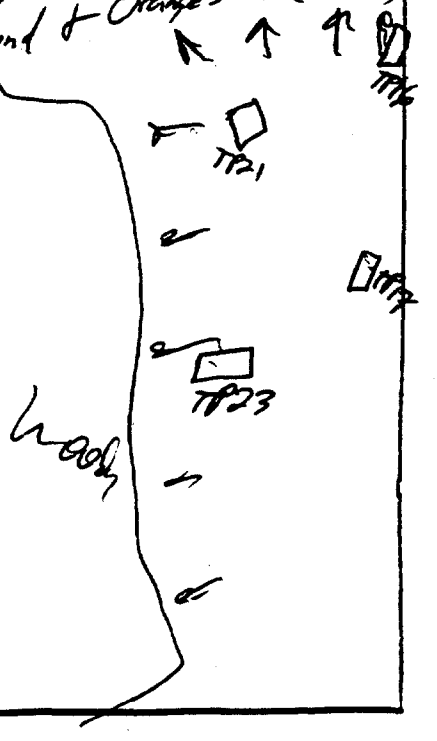
Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
~~Orange~~ Dk Brown	Sand w/ rounded pebbles

Observations / Notes

NO OVA Readings

Sample a Mix of Dk Brown Sand & Orange Sand (natural)



SAMPLE LOG SHEET

Page NP 15 of 18

SITE 1

By E.H

C of C # 12 CECRA

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST24-0405+Dup Source Location Test Pit TP24

Sample Method:	Back Hoe + SS Trowel
Depth Sampled:	04'-05'
Sample Date & Time:	4/21/94 1237
Sampled By:	E.H.
Signature(s):	[signature]

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

Sample Data

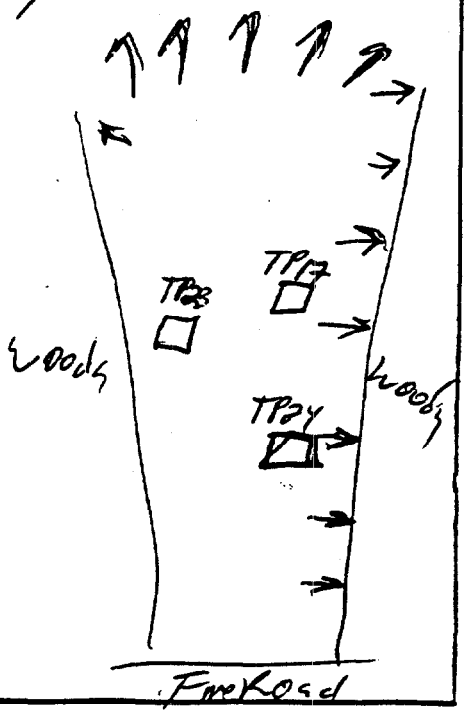
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Black + Brown	Sand + Ash Mixture w/well Rounded Pebbles

Analysis:	
PCB / PESTICIDES	
TAL INORGANICS	
TCL VOLATILES	
PCB / PEST. & SEMIVOLATILES	
PARTICAL SIZE	✓
BULK DENSITY	
Moisture Content	✓
TOC	✓
TPH	✓
BTU	✓
TCLP	✓

Observations / Notes

NO OVA Readings

DUP
NP-ST24-0405-DU



SAMPLE LOG SHEET

Page NP 16 of 18

SITE 1

By E.H

C of C # 10 RECRA

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST25-0304 + Dup Source Location Test Pit ALSO DUPLICATE

Sample Method: Backhoe + SS Travel	
Depth Sampled: 3-4'	
Sample Date & Time: 4/21/94 1345	
Sampled By: E.H.	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Black + Orange	Sand + Ash w/pebbles

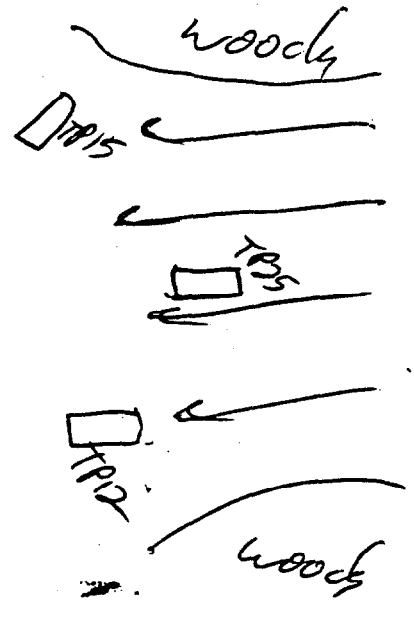
Analysis:	
PCB / PESTICIDES (TR)	✓
TAL INORGANICS	✓
TCL VOLATILES	✓
PCB / PEST. & SEMIVOLATILES	✓
PARTICAL SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes.

OVA Reading 2.5 ppm in Backhoe bucket

ALSO DUPLICATE

NP-ST25-0304-DU



SAMPLE LOG SHEET

Page NP 17 of 18

SITE 1

By E.H

C of C # 10 [illegible]

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-ST28-0405 Source Location Test Pit 28 ~~DUPLICATE~~ TX

Sample Method: Backhoe & SS Trowel	
Depth Sampled: 4.5'	
Sample Date & Time: 4/21/94 1523	
Sampled By: EH	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description

N/A

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF COLLECTED

Sample Data

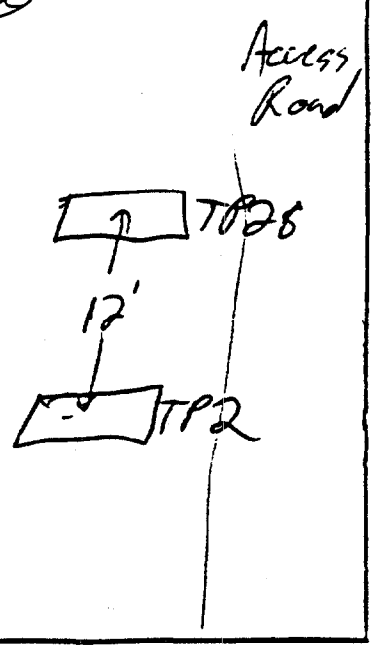
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Orange	Sand w/rounded Pebbles

Analysis:	
PCB / PESTICIDES	
TAL INORGANICS	✓
TCL VOLATILES	✓
PCB / PEST. & SEMIVOLATILES	✓
PARTICAL SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	

Observations / Notes

NO OA Readings

~~ALSO DUPLICATE~~ TX



SAMPLE LOG SHEET

Page NP 18 of 18

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Sediment
- ☐ Lagoon / Pond
- ☒ Other _____

By TR

C of C # 10 [illegible]

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-STZ8-0405-RB Source Location RINSATE BLANK

Sample Method: DI OVER S.S. TRAVEL

Depth Sampled:

Sample Date & Time: 4/21/94 1552

Sampled By: TR

Signature(s): [signature]

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Composite Sample Data

Sample	Time	Color / Description
	NP	

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:

- TCL VOLATILES
- PESTICIDES/PCBS & SEMIVOLATILES
- TAL METALS
- CYANIDE

Observations / Notes

RINSATE BLANK

DI WATER

LOT # F039

SITE 1

TEST PIT WASTE

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other WASTE

NPW
Page 1 of 5

SITE 1 ; ~~SITE 2~~

By TR

C of C # & RCRA

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-WST07-0102-TB Source Location TRIP BLANK

Sample Method: LAB PREPARED	Composite Sample Data: Sample / Time / Color / Description
Depth Sampled: —	
Sample Date & Time: 4/19/94 0800	
Sampled By: TR	
Signature(s): [signature]	NA

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:	✓ IF TAKEN
TCL VOLATILE	✓
SEMIVOLATILE & PEST / PCB	
TAL INORGANICS	
HEXAVALENT Chromium	
Ignitability	
Corrosivity	
REACTIVITY	
Particle SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
SITE 2 only:	
Permeability	
ORGANIC LEAD	

Observations / Notes

LAB PREPARED TRIP BLANK

SAMPLE LOG SHEET

Page NPW 2 of 5

SITE 1, ~~SITE 2~~

By E.H.

C of C # 6 RECRA

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other WASTE

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-~~ST~~07-0102 (TP WST) Source Location Test Pit TP07 MS/MSD/LD

Sample Method: Back/Hoe + SS. Trowel	
Depth Sampled: ~~[illegible]~~ 01-02	
Sample Date & Time: 4/19/94 1059	
Sampled By: EEH	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description

N/A

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF TAKEN

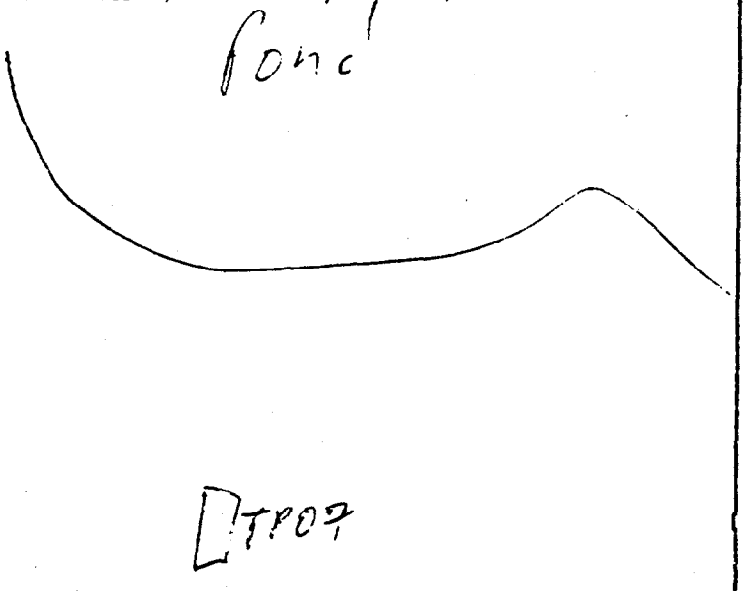
Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Black	Sandy Black Ash with Pebbles

Analysis:	✓
TCL VOLATILE	✓
SEMIVOLATILE & PEST / PCB	✓
TAL INORGANICS	✓
HEXAVALENT Chromium	✓
Ignitability	✓
Corrosivity	✓
REACTIVITY	✓
Particle SIZE (OK)	✓
BULK DENSITY	✓
Moisture Content	✓
TOC	✓
TPH	✓
BTU	✓
TCLP	✓
SITE 2 only:	
Permeability	
ORGANIC LEAD	

NO (TL)

Observations / Notes ALSO MS/MSD/LD



No BULK DENSITY material to HARD FOR SHELBY TUBE.

No OVA READINGS

SAMPLE LOG SHEET

Page NPW 3 of 5

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other WASTE

SITE 1, ~~SITE 2~~

By TR

C of C # E RICCA

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-WST07-0102-RB Source Location Rinsate Blank

Sample Method: S.S. Trowel	Composite Sample Data		
	Sample	Time	Color / Description
Depth Sampled: —			
Sample Date & Time: 4/14/94 1340			
Sampled By: TR			
Signature(s): [signature]		N/A	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF TAKEN

Sample Data	
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:	
TCL VOLATILE	✓
SEMIVOLATILE & PEST. / PCB	✓
TAL INORGANICS	✓
HEXAVALENT Chromium	
Ignitability	
Corrosivity	
REACTIVITY	
Particle SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
RTU	
TCLP	
SITE 2 only:	
Permeability	
ORGANIC LEAD	

Observations / Notes

RICCA CHEM. CO.
ARLINGTON, TEXAS 76012
WATER (DEIONIZED) Reagent ~~Grade~~ GRADE (TR)
LOT # F039

TO ANALIZE

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

Page NA 4 of 5

SITE 1 ~~SITE~~

By E.H.

C of C # 10 RECKA

- Surface Soil
- Subsurface Soil
- Sediment
- Lagoon / Pond
- Other WASTE

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-WST22-0002 Source Location Test Pit TP2 + Duplicate

Sample Method: Back Hoe + SS Trowel

Depth Sampled: 6" - 15"

Sample Date & Time: 4/21/94 0926

Sampled By: E.H

Signature(s): [signature]

Composite Sample Data

Sample	Time	Color / Description
	N/A	

Type of Sample (✓ IF TAKEN)

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

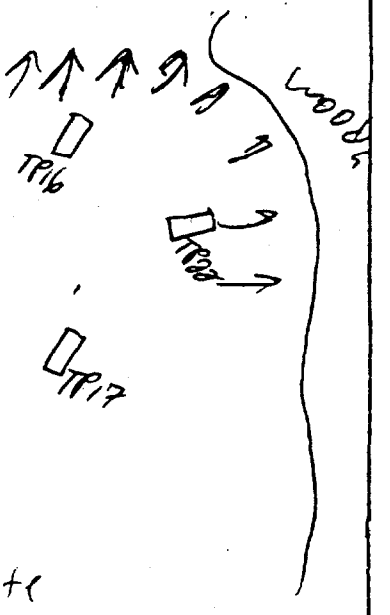
Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Green	Fine grained Sand

Analysis:	✓
TCL VOLATILE	✓
SEMIVOLATILE & PEST / PCB	✓
TAL INORGANICS	✓
HEXAVALENT Chromium	✓
Ignitability	✓
Corrosivity	✓
REACTivity	✓
Particle SIZE	✓ →
BULK DENSITY	
Moisture Content	✓ →
TOC	✓
TPH	✓
BTU	✓
TCLP	✓
SITE 2 ONLY:	
Permeability	
ORGANIC LEAD	

Observations / Notes

NO OVA Readings



Collected Duplicate

NP-WST22-0002-DU

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

Page NPW 5 of 5

SITE 1, SITE 2

By E.H.

C of C # 23 RCRA

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other WASTE

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. NP-WST 22 0405 Source Location Test Pit TP22

Sample Method: SS Beaker & Trowel	Composite Sample Data
Depth Sampled: 4'-5'	Sample / Time / Color / Description
Sample Date & Time: 4/21/94 1035	
Sampled By: E.H.	N/A
Signature(s): [signature]	

Type of Sample (✓ IF TAKEN)

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Sample Data

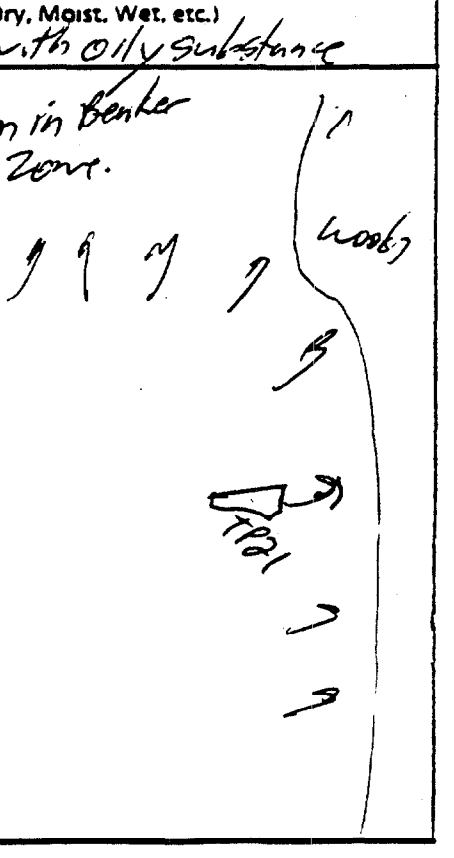
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Dk Brown	Sand wet with oily substance

Analysis:	✓
TCL VOLATILE	X
SEMIVOLATILE & PEST / PCB	X
TAL INORGANICS	X
HEXAVALENT Chromium	X
Ignitability	X
Corrosivity	X
REACTIVITY	X
Particle SIZE	—
BULK DENSITY	—
Moisture Content	—
TOC	X
TPH	X
BTU	X
TCLP	X
SITE 2 only:	
Permeability	
ORGANIC LEAD	

NO SAMPLE

Observations / Notes

OVA Readings of 60ppm in Beaker
no readings in Breathing Zone.



SITE 1

SURFACE WATER

SAMPLE LOG SHEET

NP-SW

Page 1 of 7

Halliburton NUS CORPORATION

- ☐ Spring
- ☐ Lake
- ☐ Stream
- ☒ Other POND

Case # —

By 0206

Project Site Name CALLSTON Project Site Number 0206

NUS Source No. NP-SW04 Source Location SW-04

Sample Method: DIRECT	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Depth Sampled: SURFACE	8.30	210	16.1	CLEAR W/BRN TINT / LOW
Sample Date & Time: 4/27/94 1020	C OF C # = 14 RECRA			
Sampled By: TR	MS/MSD			
Signatures: [signature]				

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative
TCL VOLATILES	HCl COOL
SEMIVOLATILES	↓
PCB/PESTICIDES	↓
TAL METALS	HNO3 ↓
CYANIDE	NaOH ↓

SHIPPING INFORMATION	Analysis #	Analysis #	Analysis #	Analysis #	Analysis #
Traffic Report # or SAS#					
Tag #					
AB #		NA			
Date Shipped					
Time Shipped					
Lab					
Volume					

SAMPLE LOG SHEET

NF-SW

Page 2 of ~~3~~ (TR)

Halliburton NUS CORPORATION

- ☐ Spring
- ☐ Lake
- ☐ Stream
- ☒ Other POND

Case # —

By 0206

Project Site Name CALLERTON Project Site Number 0206

NUS Source No. NF-SW08 Source Location SW-08

Sample Method: Direct	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Depth Sampled: SURFACE	7.44	90	17.3	CLEAR / BRN TINT / LOW

Sample Date & Time: 4/27/94 1100

C OF C # = 19 RECRA

Sampled By: TR

Signatures: [signature]

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative
TCL VOLATILES	HCl COOL
SEMI-VOLATILES	↓
PCB/PESTICIDES	↓
TAL METALS	HNO3 ↓
CYANIDE	NaOH ↓

SHIPPING INFORMATION	Analysis #	Analysis #	Analysis #	Analysis #	Analysis #
Traffic Report # or SAS#					
Tag #					
AB #		N/A			
Date Shipped					
Time Shipped					
Lab					
Volume					

SAMPLE LOG SHEET

NF-SW

Page 3 of ~~7~~ TK

Halliburton NUS CORPORATION

- ☐ Spring
- ☐ Lake
- ☐ Stream
- ☒ Other POND

Case # —

By 0206

Project Site Name CALDERTON Project Site Number 0206

NUS Source No. NF-SW01 Source Location SW-01

Sample Method:	Sample Data			
DIRECT	pH	S.C.	Temp. (°C)	Color & Turbidity
Depth Sampled: SURFACE	12.64	90	17.5	CLEAR W/BRN TINT / LOW
Sample Date & Time: 4/27/94 1120	C OF C # = 19 RECRA			
Sampled By: TK				
Signatures: [signature]				

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative
TCL VOLATILES	HCl Cool
SEMIVOLATILES	↓
PCB/PESTICIDES	↓
TAL METALS	HNO3 ↓
CYANIDE	NaOH ↓

SHIPPING INFORMATION	Analysis #	Analysis #	Analysis #	Analysis #	Analysis #
Traffic Report # or SAS#					
Tag #					
AB #		N/A			
Date Shipped					
Time Shipped					
Lab					
Volume					

SAMPLE LOG SHEET

NF-SW

Page 4 of 7

Halliburton NUS CORPORATION

☐ Spring
☐ Lake
☐ Stream
☒ Other POND

Case # –

By 0206

Project Site Name CALLERTON Project Site Number 0206

NUS Source No. NF-SW01-DU Source Location SW-01

Sample Method: DIRECT	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Depth Sampled: SURFACE	12.84	90	17.5	CLEAR W/BRN TINT / LOW
Sample Date & Time: 4/27/94 1120	C OF C # = 19 RECRA			
Sampled By: TR				
Signatures: [signature]				

Type of Sample

☒ Low Concentration
☐ High Concentration
☒ Grab
☐ Composite
☐ Grab - Composite

Analysis:	Preservative
TCL VOLATILES	HCl Cool
SEMIVOLATILES	↓
PCB/PESTICIDES	↓
TAL METALS	HNO3 ↓
CYANIDE	NaOH ↓

SHIPPING INFORMATION	Analysis #	Analysis #	Analysis #	Analysis #	Analysis #
Traffic Report # or SAS#					
Tag #					
AB #		NA			
Date Shipped					
Time Shipped					
Lab					
Volume					

SAMPLE LOG SHEET

NF-SW

Halliburton NUS CORPORATION

- ☐ Spring
- ☐ Lake
- ☐ Stream
- ☒ Other POND

Case # —

By 0206

Project Site Name CALLERTON

Project Site Number 0206

NUS Source No. NF-SW03

Source Location SW-C-3

Sample Method:	Sample Data			
DIRECT	pH	S.C.	Temp. (°C)	Color & Turbidity
Depth Sampled: SURFACE	11.20	100	16.3	CLEAR w/ green tint / LOW
Sample Date & Time: 4/27/94 1157	C OF C # = 19 RECRA			
Sampled By: TR				
Signatures: [signature]				

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative
TCL VOLATILES	HCl Cool
SEMI-VOLATILES	↓
PCB/PESTICIDES	↓
TAL METALS	HNO3 ↓
CYANIDE	NaOH ↓

SHIPPING INFORMATION	Analysis #	Analysis #	Analysis #	Analysis #	Analysis #
Traffic Report # or SAS#					
Tag #					
AB #		NA			
Date Shipped					
Time Shipped					
Lab					
Volume					

SAMPLE LOG SHEET

NP-SW

Page 6 of 7

Halliburton NUS CORPORATION

- ☐ Spring
- ☐ Lake
- ☐ Stream
- ☒ Other PONID

Case # —

By 0206

Project Site Name CALLERTON Project Site Number 0206

NUS Source No. NP-SW04 Source Location SW-04

Sample Method: DIRECT	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Depth Sampled: SURFACE	6.9	200	14.9	Clear w/GRN Tint / LOW
Sample Date & Time: 5/3/94 1000	C OF C # = 24 RECRA			
Sampled By: TR				
Signatures: [signature]				

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative
TCL VOLATILES	HCl
SEMI-VOLATILES N/A	
PCB/PESTICIDES	
TAL METALS	HNO3
CYANIDE	NaOH
ENG PARAMETERS	

Analysis	Pres
TSS	—
TDS	—
ALKALINITY	—
BOD	—
TOC	H2SO4
COD	H2SO4
HARDNESS	HNO3

SHIPPING INFORMATION	Analysis #	Analysis #	Analysis #	Analysis #	Analysis #
Traffic Report # or SAS#					
Tag #					
AB #		N/A			
Date Shipped					
Time Shipped					
Lab					
Volume					

SAMPLE LOG SHEET

NP-SW (AL) (TN)

Page 7 of 7

Halliburton NUS CORPORATION

- ☐ Spring
- ☐ Lake
- ☐ Stream
- ☒ Other PONID

Case # —

By 0206

Project Site Name CALDERTON Project Site Number 0206

NUS Source No. NP-SW04-DU Source Location SW-04

Sample Method: DIRECT	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Depth Sampled: SURFACE	6.9	200	14.9	CLEAR W/BRN TINT / LOW

Sample Date & Time: 5/3/94 1000

Sampled By: TR

Signatures: [signature]

C OF C # = 29 RECRA

DUP OF NP-SW04

ENGINEERING PARAMETERS SAME AS NP-SW04 (5/3/94)

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative
TCL VOLATILES	HCl Cool
SEMIVOLATILES	NA
PCB/PESTICIDES	
TAL METALS	HNO3
CYANIDE	NaOH

SHIPPING INFORMATION	Analysis #	Analysis #	Analysis #	Analysis #	Analysis #
Traffic Report # or SAS#					
Tag #					
AB #		N/A			
Date Shipped					
Time Shipped					
Lab					
Volume					

SITE 1

SEDIMENT

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

[ ] SURFACE SOIL
[ ] SUBSURFACE SOIL
[■] SEDIMENT
[ ] POND/POND
[ ] OTHER

SITE 1
SAMPLERS SIGNATURE Tony Rogalski

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

* RECRA 2 JARS
GEOTESTING 2 JARS

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)OW (M)EDIUM (H)IGH	(G)RAB (C)OMPOSITE	TCL VOLATILES	PCB/PESTICIDES	SEMI VOLATILES	TAL METALS	CYANIDE	* ENG PARAMETER EXCEPT SHEET	BULK DENSITY	**			No. OF CONT TOTAL	SOIL DESCRIPTION
NP-SD06-RB	Trowel	-	4/26/94	0845	TR/EH	L	G	2	2	3								7	AQ RINSATE BLANK to Analizes
NP-SD06-TB	LAB	-		1000	LAB	L	G	2	TR 4/26									2	AQ TRIP BLANK
NP-SD06-000.5	Auger & Trowel	0.6"		1026	TR/EH	L	G	1	1	1								3	PEAT/ORGANICS
NP-SD07-000.5		0.6"		1046	TR/EH	L	G	1	1	1								3	GREY F-MED GRAIN SAND
NP-SD07-000.5-DU		0.6"		1046	TR/EH	L	G	1	1	1								3	DUP OF ABOVE SAMPLE
NP-SD02-000.5		0.6"		1108	TR/EH	L	G	1	1	1								3	GREY F-MED GRAIN SAND W/ORGANICS
NP-SD02-0.501		6"-12"		1127	TR/EH	L	G	1	2	1								4	MS/MSD/LD GREY F-MED GRAIN SAND
NP-SD02-0.501-DU		6"-12"		1127	TR/EH	L	G	1	1	1								3	DUP OF ABOVE SAMPLE
NP-SD05-000.5		0.6"		1138	TR/EH	L	G	1	1	1			*4					7	GREY ~~F-M~~ F-M GRAIN SAND
NP-SD05-000.5-DU		0.6"		1138	TR/EH	L	G						2					2	ENG DUP OF ABOVE SAMPLE (SHIPPED to RECRA ONLY)
NP-SD05-000.5	8oz PE	0-5"	4/26/94	1250	TR	L	G							2				2	GREY F-M GRAIN SAND

REMARKS:
* SHIPPED FEDERAL EXPRESS AB# 5739377890 4/26/94 @1730 HRS C of C #15 RECRA
* GEOTESTING EX.: SHIPPED VIA FED. EX AB# 5739377803 5/2/94 @~1745 HRS C of C #1 GEO
** GEOTESTING EX.: SHIPPED VIA FED. EX, AB# 5739377884 5/26/94 ~ 1600 HRS C of C #3660

LAB: RECRA ENVIRONMENTAL, INC
Attn. LINDA SHAFGANICH
*/** SHIPPED to GEOTESTING EXPRESS
Attn MR MARR

ACAD: FORMS\LOG DWG 2/11/93

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

NORTHEAST DISPOSAL POND
SITE 1

NP-SD
PAGE 2 OF 2

[ ] SURFACE SOIL
[ ] SUBSURFACE SOIL
[■] SEDIMENT
[ ] LAGOON/POND
[ ] OTHER

SAMPLERS SIGNATURE [signature]

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)GRAB (C)COMPOSITE	ANALYSES: TCL VOLATILES	PCB/Pesticide + Semivolatiles	TAL METALS + CYANIDE	BULK DENSITY				No. OF CONT TOTAL	SOIL DESCRIPTION
NP-SD04-TB	LAB	-	4/27/94	0730	TR/EH	L	G	2							2	AQ - TRIP BLANK
NP-SD04-RB	Trowel	-		0740				2	3	2					7	AQ - RINSATE BLANK to HOLD
NP-SD04-000.5	Auger + Trowel	0-6"		1030				1	1	1					3	Lt BRN Fine-Med Grain Sand w/organics
NP-SD04-0.501		6-12"		1040				1	1	1					3	Grey E-M Grain Sand
NP SD08-000.5		0-6"		1165				1	1	1					3	SANDY PEAT
NP SD01-000.5		0-6"		1131				1	1	1					3	BRN-Black Clay w/some sand & organics
NP-SD01-0.501		6-12"		1137				1	1	1					3	BRN-Grey E-M grain sand w/Peat
NP-SD03-000.5		0-6"		1205				1	1	1					3	BRN & BLACK E-M grain sand w/organics
NP-SD03-0.501		6-12"		1215				1	1	1					3	Dark Grey E-M grain sand w/organics
NP-SD04-000.5	1602 JAR	0-6"	5/25/94	1540	TR/PD	L	G				2				2	BROWN FINE - MED GRAIN SAND

REMARKS: SHIPPED VIA FEDERAL EXPRESS
AB# 5739377836
4/27/94 @ 1800 Hrs
C of C #19 RECRA

LAB: SHIPPED to RECRA ENV. FOR ANALYSIS

ATTN: LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93

SITE 1

GROUNDWATER

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

Page NP-GW 1 of 6

CofC# RECRA GW#01

By TR

■ Monitoring Well Data
☐ Domestic Well Data
☒ Other Trip Blank

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. NP-GW04-TB Source Location SITE 1 TRIP BLANK

Total Well Depth: — TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø —	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I					
Static Water Level: —	1					
One Casing Volume: —	2					
Start Purge (hrs.): —	3					
End Purge (hrs.): —	4					
Total Purge Time (min.): —	5					
Total Amount Purged (gal.): —	6					
Monitor Reading: —						
Purge Method: —						
Sample Method: ~~S.S. Bailer~~ TR						
Depth Sampled: —						

Sample Date & Time:	Sample Data				
8/24/94 0800	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: TR / LAB					

Signature(s): [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

TRIP BLANK

Type of Sample

■ Low Concentration
☐ High Concentration
■ Grab
☐ Composite
☐ Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C ; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL SEMIVOLATILES PCB/PESTICIDES	4°C —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓ TR		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
HEXA. CHROMIUM	4°C —	4oz PE	✓		
TSS / TDS	4°C —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

NP-GW
Page 2 of 6

CofC# RECRA GW#01

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. NP-GW04 Source Location SITE 1 MW104

Total Well Depth: 47.33 TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 47.33 TPVC	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	5.63	.116	12.8	TANISH	601
Static Water Level: 41.1	1	5.45	.106	11.7	"	204
One Casing Volume: 15L	2	5.47	.108	11.5	"	220
Start Purge (hrs.): 0945	3	5.46	.107	11.4	"	225
End Purge (hrs.): 1010	4					
Total Purge Time (min.): 25	5					
Total Amount Purged (gal.): 45L	6					
Monitor Reading: OVA = 0 ppm @ 0930 Hrs						
Purge Method: S.S. BAILER						
Sample Method: S.S. Bailer						
Depth Sampled: —						
Sample Date & Time: 8/24/94 1015	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: VS/TR	5.46	.107	11.4	TANISH	225	
Signature(s): [signature]	Observations / Notes: SHIPPED TO RECRA ENVIRONMENT, INC.					

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C ; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL SEMIVOLATILES PCB/PESTICIDES	4°C —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
HEXA. CHROMIUM	4°C —	4oz PE	✓		
TSS / TDS	4°C —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

NP-GW
Page 3 of 6

CofC# RECRA GW#01

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. NP-GW01 Source Location SITE 1 MW01

Total Well Depth: 52.21 TPVC	Purge Data					
Well Casing Size & Depth: 4" Ø 52.21'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	5.69	.127	12.0	TANISH	530
Static Water Level: 44.98	1	5.51	.128	11.4	"	188
One Casing Volume: 18L	2	5.46	.130	11.2	"	134
Start Purge (hrs.): 1055	3	5.50	.129	11.2	"	128
End Purge (hrs.): 1117	4					
Total Purge Time (min.): 22	5					
Total Amount Purged (gal.): 54L	6					
Monitor Reading: OVA = 0ppm @ 1046						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						
Sample Date & Time: 8/24/94 1120	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: US/TR	5.50	.129	11.2	"	128	

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C ; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL SEMIVOLATILES PCB/PESTICIDES	4°C —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
HEXA. CHROMIUM	4°C —	4oz PE	✓		
TSS / TDS	4°C —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

NP-GW
Page 4 of 6

CofC# RECRA GW#01

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. NP-GW03 Source Location SITE 1 MW03

Total Well Depth: 25.08 TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 25.08'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.15	.433	14.2	Lt. BRN	999
Static Water Level: 16.87	1	6.16	.485	13.9	"	999
One Casing Volume: 20L	2	6.19	.520	14.0	"	999
Start Purge (hrs.): 1147	3	6.20	.528	14.0	"	999
End Purge (hrs.): 1207	4					
Total Purge Time (min.): 20	5					
Total Amount Purged (gal.): 60L	6					
Monitor Reading: OVA = 0.4 ppm @ 1143						
Purge Method: S.S. BAILER						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 8/24/94 1210	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: VS/TR	6.20	.528	14.0	Lt. BRN	999

Signature(s): [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C ; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL SEMIVOLATILES PCB/PESTICIDES	4°C —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
HEXA. CHROMIUM	4°C —	4oz PE	✓		
TSS / TDS	4°C —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

NP-GW
Page 5 of 6

CofC# RECRA GW#01 RECRA GW#02

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. NP-GW02 & NP-GW02-DU-01 Source Location SITE 1 MW02

Total Well Depth: 27.04 TPVC	Purge Data					
Well Casing Size & Depth: 4" Ø 27.04	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	7.15	1.77	14.9	Blackish	101
Static Water Level: 18.69	1	7.09	1.88	13.7	Black	999
One Casing Volume: 20L	2	7.03	1.91	13.7	Black	830
Start Purge (hrs.): 1400	3	7.04	1.88	13.5	Black	999
End Purge (hrs.): 1420	4					
Total Purge Time (min.): 20	5					
Total Amount Purged (gal.): 60	6					
Monitor Reading: OVA = 20ppm @ 1357						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 8/24/94 1420	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: VS/TR/PD	7.04	1.88	13.5	BLACK	999

Signature(s): [illegible]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

NP-GW02-DU-01

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C ; HCl ≤2pH	(2) 40ml VIALS	✓	✓	✓
TCL SEMIVOLATILES PCB/PESTICIDES	4°C —	(3) AMBER GLASS	✓	✓	✓
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓	✓	✓
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓	✓	✓
HEXA. CHROMIUM	4°C —	4oz PE	✓	✓	✓
TSS / TDS	4°C —	1L PE	✓	✓	✓ TR
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE	✓	✓	
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE	✓	✓	
BOD	4°C; —	1L PE	✓	✓	
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE	✓	✓	

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other Rinsate

Page NP-GW 6 of 6

C of C# RECRA GW #01

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. NP-GW02-RB-01 Source Location SITE 1 RINSATE

Total Well Depth: — TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø —	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I					
Static Water Level: —	1					
One Casing Volume: —	2					
Start Purge (hrs.): —	3					
End Purge (hrs.): —	4					
Total Purge Time (min.): —	5					
Total Amount Purged (gal.): —	6					
Monitor Reading: —						
Purge Method: —						
Sample Method: ~~S.S. Bailer~~ TR						
Depth Sampled: —						
Sample Date & Time: 1550	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: VS / PD						

Signature(s): [signature] Paul M. [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

Rinsate
Lot # J279

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C ; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL SEMIVOLATILES PCB / PESTICIDES	4°C —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
HEXA. CHROMIUM	4°C —	4oz PE	✓		
TSS / TDS	4°C —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SITE 2

SUBSURFACE SOIL

HALLIBURTON NUS Environmental Corporation

SAMPLE LOG SHEET

FIRE TRAINING AREA SITE 2

PAGE FT2(

- [ ] SURFACE SOIL
- [x] SUBSURFACE SOIL
- [ ] SEDIMENT
- [ ] LAGOON/POND
- [ ] OTHER

SAMPLERS SIGNATURE [signature] Paul Dai

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)GRAB (C)COMPOSITE	ANALYSES: TCL VOLATILES	PCB/PESTICIDE & SEMIVOLATILES	TAL METALS & CYANIDE					No. OF CONT TOTAL	SOIL DESCRIPTION
FT-SB05-0406-TB	LAB	—	4/25/94	1500	PD	L	G	2							2	AQ TRIP BLANK
FT-SB05-0406	SS	4-6'		1509	PD	L	G	1	1	1					3	BLK; FINE GRAIN SAND; Debris Moist; 180 PPM
FT-SB05-0406-DU	SS	4-6'		1509	PD	L	G	1	1	1					3	DUP OF ABOVE SAMPLE
FT-SB05-1416	SS	14-16'		1543	PD	L	G	1	1	1					3	Light BRN; MED GRAIN SAND SATURATED. 0.2 PPM
FT-SB06-0204	SS	2-4'		1604	PD	L	G	1	1	1					3	Dark BRN; Silty FINE GRAIN SAND Moist; 1000+ PPM
FT-SB06-1214	SS	12-14		1634	PD	L	G	1	1	1					3	Light BRN; FINE GRAIN SAND; trace MED GRAIN; SATURATED, 100 PPM
FT-SB06-1214-RB	SS	—	4/26/94	0820	EH/TR	L	G	2	3	2					7	AQ-RINSATE BLANK to Analize
FT-SB07-0204	SS	2-4'		0814	PD	L	G	1	1	1					3	Dark BRN; Silty FINE GRAIN SAND SOME ORGANIC MAT. - DEBRIS MOIST; 100 PPM
FT-SB07-1820	SS	18-20'		0906	PD	L	G	1	1	1					3	Light BRN; FINE-MED GRAIN SAND; SATURATED; 0.4 PPM
FT-SB08-0810	SS	8-10'		0952	PD	L	G	1	1	1					3	Light BRN; FINE GRAIN SAND SOME SILT, WET; 64 PPM
FT-SB08-1012	SS	10-12'		0959	PD	L	G	1	1	1					3	SATURATED; 64 PPM
FT-SB08-1012-DU	SS	10-12'		0959	PD	L	G	1	1	1					3	DUP OF ABOVE SAMPLE
FT-SB08-1012-RB	SS	—		1500	EH/TR	L	G	2	3	2					7	AQ-RINSATE BLANK to Hold
~~FB-SB~~ TR 4/26	~~SS~~															

REMARKS: SS: SPLIT-SPOON
SHIPPED FEDERAL EXPRESS
AB# 5739377840
4/26/94 @ 1730 HRS
COFC #16 RECRA

LAB: RECRA ENVIRONMENTAL, INC
Attn. LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

[ ] SURFACE SOIL
[X] SUBSURFACE SOIL
[ ] SEDIMENT
[ ] LAGOON/POND
[ ] OTHER

FIRE TRAINING AREA
SITE 2

PAGE FT1 OF

SAMPLERS SIGNATURE Paul Dan

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)GRAB (C)COMPOSITE	ANALYSES: TCL VOLATILES	SEMI VOLATILES + PCB/PESTICIDES	TAL METALS + CYANIDE						No. OF CONT TOTAL	SOIL DESCRIPTION
FT-SB01-0608-TB	LAB PREP	—	4/25/94	0730	LAB	L	G	2								2	AQ. TRIP BLANK
FT-SB01-0608	SS	6-8'	↓	0934	PD	L	G	1	1	1						3	Light BRN; FINE GRAIN SAND Moist; 0.4 ppm
FT-SB01-1416	SS	14-16'		1004	PD	L	G	1	1	1						3	Light BRN; FINE-MED GRAIN SAND trace Subround Pebbles; Saturated 10 ppm
FT-SB02-0204	SS	2-4'		1030	PD	L	G	1	1	1						3	BLK-BRN; Silty FINE grain Sand-FINE GRAIN Sand w/ silt, Moist 3-10 ppm
FT-SB02-1618	SS	16-18'		1110	PD	L	G	1	1	1						3	Light BRN, FINE-MED GRAIN SAND SATURATED, 0.4 ppm
FT-SB03-0204	SS	2-4'		1135	PD	L	G	1	1	1						3	40 ppm; BLACK STAIN; BLK-BRN Silty FINE GRAIN SAND; Moist
FT-SB03-0810	SS	8-10		1153	PD	L	G	1	1	1						3	72 ppm; Light BRN; FINE GRAIN SAND; Moist
FT-SB03-1214	SS	12-14		1206	PD	L	G	1	2	1						4	96 ppm; MS/MSD/LD; Light BRN FIN GRAIN SAND w/ trace SUBROUND PEBBLES; SATURATED
FT-SB04-1214	SS	12-14		1316	PD	L	G	1	1	1						3	Light BRN; FINE GRAIN SAND - trace MED GRAIN; Moist; 12 ppm
FT-SB04-2224	SS	22-24		1400	PD	L	G	1	1	1						3	Light BRN; FINE-MED GRAIN SAND trace SUBROUND PEBBLES. SATURATED; 0.2 ppm

REMARKS: SS - SPLIT-SPOON
C-O-C #14 RECRA
SHIPPED VIA FEDERAL EXPRESS
AB# 5733377851
SHIPPED → 4/25/94 @ 1730 HRS

LAB: SHIPPED to RECRA ENV. FOR ANALYSIS
ATTN LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

FIRE TRAINING AREA
SITE 2

PAGE FT4 OF ___

☐ SURFACE SOIL
■ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

SAMPLERS SIGNATURE Paul M. [illegible]

SITE NAME CALVERTON, NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)RAB (C)COMPOSITE	ANALYSES: TCL VOLATILES	SEMIVOLATILES	PCB/PESTICIDE	TAL METALS & CYANIDE	TCL VOLATILES & FIELD				No. OF CONT TOTAL	SOIL DESCRIPTION
FT-SB10-2022-TB	LAB PREP.	—	6/14/94	0730	PD	L	G	2								2	TRIP BLANK
FT-SB10-2022	S.S.	20-22'	"	0924	PD	L	G	1	1	1						3	
FT-SB10-2022-DU	S.S	20-22'	"	0924	PD	L	G	1	1	1						3	DUP OF ABOVE
FT-SB10-2224	S.S	22-24'	"	0935	PD	L	G	1	1	1						3	
FT-SB09-1214	S.S	12-14'	"	1250	PD	L	G	1	1	1						3	
FT-SB09-1416	S.S	14-16'	"	1257	PD	L	G	1	2	1						4	MS/MSD
FT-SB09-1416-RB	DI OVER S.S.	—	"	1635	PD/TR	L	G	2	3	2						7	RINSATE BLANK
* FT-SB09-1416-FB	DI	—	6/15/94	1550	TR	L	G		3	2	2					7	FIELD BLANK - DRILLERS SOURCE WATER

REMARKS: SHIPPED VIA FEDERAL EXPRESS
CofC #35 RECRA
VIA AB# 5738378002
6-14-94 @ 1800 HRS
S.S. = SPLIT SPOON

LAB: SHIPPED to RECRA ENVIRONMENT

Attn: LINDA SHAFERNICH

ACAD FORM DWG 2/11/93 MB

CofC #39 RECRA
AB# 393 ---95
[illegible]

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

PAGE FT3 OF ____

■ SURFACE SOIL
■ SUBSURFACE SOIL
■ SEDIMENT
☐ LAGOON/POND
☐ OTHER

SAMPLERS SIGNATURE [signature]

SITE NAME CALLERTON NWIERP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (M)HIGH	(G)GRAB (C)COMPOSITE	ANALYSES: TCL VOLATILES	ANALYSES: PESTICIDES & SEMIVOLATILES	ANALYSES: TAL METALS	ANALYSES: CYANIDE	ANALYSES:	ANALYSES:	ANALYSES:	No. OF CONT TOTAL	SOIL DESCRIPTION
FT-5808-1012-TB	LAB	—	4/28/94	1500	TR	L	G	2							2	AQ. TRIP BLANK
FT-5808-1012-FB5	DE	—	↓	1545	TR	L	G	2	3	1	1				7	AQ. FIELD BLANK DI Lot # F249
FT-5808-1012-FB6	DRILLERS HLS	—	↓	1608	TR	L	G	2	3	1	1				7	AQ. FIELD BLANK FACILITY MAINTENANCE Bldg

REMARKS: SHIPPED by FEDERAL EXPRESS
AB# 5734377814
4/28/94 @1745 Hrs
C of C #22 RECRA

LAB: SHIPPED to RECRA ENV. FOR ANALYSIS
Attn. LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93 MB

SITE 2

TEMPORARY WELLS

SAMPLE LOG SHEET

FT-TW

Page 1 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

COFC# 1 VOL

By TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW01-TB Source Location TRIP BLANK

Total Well Depth: —	Purge Data				
Well Casing Size & Depth: —	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: —					
One Casing Volume: —					
Start Purge (hrs.): —					
End Purge (hrs.): —					
Total Purge Time (min.): —					
Total Amount Purged (gal.): —					
Monitor Reading: —					
Purge Method: —					
Sample Method: —					
Depth Sampled: —					
Sample Date & Time: 5/2/94 0800	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR					

N/A

Signature(s): [signature]

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

PREPARED BY the LAB

VOLUMETRIC

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

N/A

SAMPLE LOG SHEET

FT-TW

Page 2 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 1 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. ____ Source Location FT-TW01-1

	Purge Data				
Total Well Depth: 12'					
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 8 1/2' bgs					
One Casing Volume: 0.7 gal.					
Start Purge (hrs.): 1000					
End Purge (hrs.): 1015					
Total Purge Time (min.): 15					
Total Amount Purged (gal.): 3					
Monitor Reading: None				N.A.	
Purge Method: bailed					
Sample Method: bailer					
Depth Sampled: 10'					
Sample Date & Time: 5/02/94 @ 1030	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul W. Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab - Volumetric

Gray-brown turbid cool water (2) VOAS

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N/A	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 3 of ____

COFC# 1 VOL

By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW02-1 Source Location FT-TW02-1

	Purge Data				
Total Well Depth: 24'					
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 21'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 1055					
End Purge (hrs.): 1110					
Total Purge Time (min.): 15					
Total Amount Purged (gal.): 5 gal.				N.A.	
Monitor Reading: None					
Purge Method: Bailer					
Sample Method: Bailer					
Depth Sampled: 23'					
Sample Date & Time: 5/02/94 @ 1110	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul M. Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
Lab. Volumetric
light gray-brown-slightly turbid cool water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N.A.	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 4 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 1 VOL

By TR/PD

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW01-2 Source Location FT-TW01-2

	Purge Data				
Total Well Depth: 31'					
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 8.5'					
One Casing Volume: 3.8 gal.					
Start Purge (hrs.): 1400					
End Purge (hrs.): 1425					
Total Purge Time (min.): 25					
Total Amount Purged (gal.): 18				N.A.	
Monitor Reading: NONE					
Purge Method: hand pump					
Sample Method: bailer					
Depth Sampled: 28'					
Sample Date & Time: 5/02/94 / 1430	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
Lab - volumetric

gray-brown turbid cool - very slight sheen

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW
Page 5 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 1 VOC

By TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW01-2-FB7 Source Location FIELD BLANK FT-TW01

	Purge Data				
Total Well Depth: —					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: —					
One Casing Volume: —					
Start Purge (hrs.): —					
End Purge (hrs.): —					
Total Purge Time (min.): —					
Total Amount Purged (gal.): —					
Monitor Reading: —			NA		
Purge Method: —					
Sample Method: —					
Depth Sampled: —					
Sample Date & Time: 5/2/94 1545	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR					

Signature(s): [signature]

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

DI WATER
Lot # F249

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	NA	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 6 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 1 UK

By TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW101-2-FB8 Source Location FT-TW01 FIELD BLANK

Total Well Depth: —	Purge Data				
Well Casing Size & Depth: —	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: —					
One Casing Volume: —					
Start Purge (hrs.): —					
End Purge (hrs.): —					
Total Purge Time (min.): —					
Total Amount Purged (gal.): —					
Monitor Reading: —					
Purge Method: —					
Sample Method: —					
Depth Sampled: —					
Sample Date & Time: 5/2/94 1600	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR					
Signature(s): [signature]	Observations / Notes: Drillers Source H_2O Facility Maintenance BLDG				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

N/A

SAMPLE LOG SHEET

FT-TW1

Page 7 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoC# 1 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW01-2-RB Source Location FT-TW01

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth: N/A	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):			N/A		
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time:	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: T.R & P.D					

Signature(s): [signature] Paul M. Jones

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
RINSATE BLANK to ANALIZE
LOT# F249

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl/pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 8 of ____

COFC# 2 VOL

By P. DAVIS / TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW02-2-TB Source Location TRIP BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth: N/A	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:			N/A		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/3/94 0900	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: LAB / PD					

Signature(s): Paul M Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
TRIP BLANK SUPPLIED BY VOLUMETRIC

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N/A	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 9 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 2 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW02-2 & FT-TW02-2-DU Source Location FT-TW02-2

Total Well Depth: 48'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 21 1/2'					
One Casing Volume: 1.6 gal.					
Start Purge (hrs.): 0900					
End Purge (hrs.): 0945					
Total Purge Time (min.): 45					
Total Amount Purged (gal.): 5 gal.					
Monitor Reading: None					
Purge Method: bailer					
Sample Method: bailer					
Depth Sampled: 45'					
Sample Date & Time: 5/03/94 @ 0955	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

N/A

Signature(s): Paul M. Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
Lab. volumetric
DUP collected @ THIS LOCATION
brown-turbid cool water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

N/A

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FT-TW
Page 10 of ____
C of C# 2 VOL
By PD / TK

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FT-TW03-1 Source Location FT-TW03-1

Total Well Depth: 23'	
Well Casing Size & Depth: 2"-dia.	
Static Water Level: 18.5'	
One Casing Volume: 0.9 gal.	
Start Purge (hrs.): 1205	
End Purge (hrs.): 1215	
Total Purge Time (min.): 10	
Total Amount Purged (gal.): 4 gal.	
Monitor Reading: none	
Purge Method: hand bailer	
Sample Method: hand bailer	
Depth Sampled: 21'	
Sample Date & Time: 5-3-94 1220	
Sampled By: Paul Davis	
Signature(s): Paul Davis	

Purge Data

Volume	pH	S.C.	Temp. (°C)	Color & Turbidity

N.A.

Sample Data

pH	S.C.	Temp. (°C)	Color & Turbidity

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
Lab - Volumetric
light-brown, turbid, cool water - slight sheen

Analysis:	Preservative
SELECT Volatiles	Cool 4°C HCl pH<2

	Organic	Inorganic
Traffic Report #		
Tag #		
AB #		
Date Shipped		
Time Shipped		
Lab		
Volume		

N.A.

SAMPLE LOG SHEET

FT-TW

Page 11 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

COC# 2 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW03-2 Source Location FT-TW03-2

Total Well Depth: 47.5'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 21'					
One Casing Volume: 1.8 gal.					
Start Purge (hrs.): 1320					
End Purge (hrs.): 1410					
Total Purge Time (min.): 50					
Total Amount Purged (gal.): 5.5 gal.					
Monitor Reading: None					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 45'					
Sample Date & Time: 5-3-94 @ 1415	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul M. Davis	Observations / Notes: Lab - volumetric brown - turbid cool water				

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

N.A.

SAMPLE LOG SHEET

FT-TW

Page 12 of ____

COFC# 2 VOL

By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW04-1 Source Location FT-TW04-1

Total Well Depth: 25'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 22.5'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 1415					
End Purge (hrs.): 1435					
Total Purge Time (min.): 20.					
Total Amount Purged (gal.): 2.5 gal					
Monitor Reading: none					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 24'					
Sample Date & Time: 5-3-94 @ 1440	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul M. Davis	Observations / Notes: Lab - volumetric light brown - turbid cool water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

N.A.

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FT-TW
Page 13 of ____
CofC# 2 VOL
By PD/TR

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FT-TW04-1-RB Source Location RINSATE BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: N/A					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			N/A		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/3/94 1540	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD/TR					

Signature(s): [signature] Paul Davis

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
RINSATE to Hold IF PROBLEMS OCCUR
LOT# F249

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N/A	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 14 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 3 VOC

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW04-2-TB Source Location FT-TW04 TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
N/A					
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:			N/A		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time:	Sample Data				
5/3/94 1600	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: LAB/PD					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes: TRIP BLANK SUPPLIED BY VOLUMETRIC

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N/A	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 15 of ____

COC# 3 UUL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW04-2 Source Location FT-TW04-2

Total Well Depth: 50'	Purge Data				
Well Casing Size & Depth: 1" dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 23.5'					
One Casing Volume: 1.8 gal					
Start Purge (hrs.): 1600					
End Purge (hrs.): 1640					
Total Purge Time (min.): 40					
Total Amount Purged (gal.): 6 gal.					
Monitor Reading: NONE			N/A		
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 48'					
Sample Date & Time: 5-3-94 @ 1645	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab - volumetric; light brown turbid cool water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N/A	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 16 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 3 INC

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW05-1 Source Location FT-TW05-1

Total Well Depth: 17.5'	Purge Data				
Well Casing Size & Depth: 2"	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 15 1/2'					
One Casing Volume: 0.4 gal.					
Start Purge (hrs.): 0820					
End Purge (hrs.): 0835					
Total Purge Time (min.): 15					
Total Amount Purged (gal.): 2 gal.					
Monitor Reading: None					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 16.5'					
Sample Date & Time: 5-4-94 @ 0840	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab - volumetric light-brown slightly turbid cool water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

N.A.

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page 17 of ____

COFC# 3VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW05-2 Source Location FT-TW05-2

Total Well Depth: 42'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 15'3"					
One Casing Volume: 1.8 gal.					
Start Purge (hrs.): 0935					
End Purge (hrs.): 1010					
Total Purge Time (min.): 35					
Total Amount Purged (gal.): 6 gal.				N.A.	
Monitor Reading: none					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 40'					
Sample Date & Time: 5-4-94 @ 1015	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Perry Rolston					
Signature(s): [signature]	Observations / Notes: Lab - volumetric; brown turbid cool water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N.A.	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FT-TW 18 of ____

CoFC# 3 VOL

By PD/TR

Project Site Name CALVERTON

Project Site Number 0206

NUS Source No. FT-TW06-1

Source Location FT-TW06-1

	Purge Data				
Total Well Depth: 21.5'	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Well Casing Size & Depth: 2"-dia.					
Static Water Level: 19'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 1125					
End Purge (hrs.): 1130					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2.5 gal				N.A	
Monitor Reading: None					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 20'					
Sample Date & Time: 5-4-94 1135	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab - volumetric

Slightly turbid to turbid - cool water

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N.A	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 19 of ____

CoFC# 3 VOL

By FD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON

Project Site Number 0206

NUS Source No. FT-TW06-2

Source Location FT-TW06-2

	Purge Data				
Total Well Depth: 45'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 20.5'					
One Casing Volume: 1.6 gal.					
Start Purge (hrs.): 1220					
End Purge (hrs.): 1300					
Total Purge Time (min.): 40					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: NONE				N.A.	
Purge Method: hand bail					
Sample Method: hand bail					
Depth Sampled: 43'					
Sample Date & Time: 5-4-94 @ 1305	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab - volumetric

brown turbid cool water.

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N.A.	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 20 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 3 VOC

By PD / TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW07-1 Source Location FT-TW07-1

Total Well Depth: 17'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 14'03"					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 1410					
End Purge (hrs.): 1418					
Total Purge Time (min.): 08.					
Total Amount Purged (gal.): 2.5 gal					
Monitor Reading: 0.2 ppm					
Purge Method: hand bail					
Sample Method: hand bail					
Depth Sampled: 14-16'					
Sample Date & Time: 5-4-94 & 1423	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

N.A.

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
Lab - volumetric

light brown - slightly turbid cool water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

N.A

SAMPLE LOG SHEET

FT-TW

Page 21 of ____

COFC# 3 VOL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW07-1-RB Source Location RINSATE BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth: N/A	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:			N/A		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/4/94 1530	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD/TR					

Signature(s): [signature] Paul M. Davis

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
RINSATE BLANK → TO ANALYZE

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
	-	Tag #		
		AB #	N/A	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 22 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 4 VOL

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW 07-2-TB Source Location TRIP BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: N/A					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):				N/A	
Total Amount Purged (gal.):			N/A		
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/4/94 1550	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR/LAB					

Signature(s):

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

TRIP BLANK SUPPLIED BY VOLUMETRIC

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N/A	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 23 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 4 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW07-2 Source Location FT-TW07-2

Total Well Depth: 42'	Purge Data				
Well Casing Size & Depth: 1"- dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 17.5'					
One Casing Volume: 1.6 gal					
Start Purge (hrs.): 1505					
End Purge (hrs.): 1550					
Total Purge Time (min.): 45 min.					
Total Amount Purged (gal.): 5 gal.				N/A	
Monitor Reading: NONE					
Purge Method: hand bail					
Sample Method: hand bail					
Depth Sampled: 40'					
Sample Date & Time: 5-4-94 1555	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab volumetric brown turbid cool water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C, HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW-1

Page 24 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 4 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW08-1 Source Location FT-TW08-1

Total Well Depth: 20.5'	
Well Casing Size & Depth: 2"-dia.	
Static Water Level: 18'02"	
One Casing Volume: 0.5 gal.	
Start Purge (hrs.): 1705	
End Purge (hrs.): 1710	
Total Purge Time (min.): 5 min.	
Total Amount Purged (gal.): 2.5 gal	
Monitor Reading:	
Purge Method: hand bail	
Sample Method: hand bail	
Depth Sampled: 17.5'-20.5'	
Sample Date & Time: 5-4-94 1715	
Sampled By: Terry Rohahn	
Signature(s): [signature]	

Purge Data

Volume	pH	S.C.	Temp. (°C)	Color & Turbidity

N.A

Sample Data

pH	S.C.	Temp. (°C)	Color & Turbidity

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab. volumetric

black - oily sheen - petroleum odors

Analysis:	Preservative
SELECT Volatiles	Cool 4°C HCl pH<2

	Organic	Inorganic
Traffic Report #		
Tag #		
AB #		
Date Shipped		
Time Shipped		
Lab		
Volume		

N.A

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FT-TW
Page 25 of ____
CSFC# 4 VOL
By PD/TR

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FT-TW08-2 Source Location FT-TW08-2

Total Well Depth: 45'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 16.5'					
One Casing Volume: 1.9 gal.					
Start Purge (hrs.): 0755					
End Purge (hrs.): 0825					
Total Purge Time (min.): 30 min.					
Total Amount Purged (gal.): 6 gal.					
Monitor Reading:					
			N/A		
Purge Method: hand bail					
Sample Method: hand bail					
Depth Sampled: 42'					
Sample Date & Time: 5-5-94 0827	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Terry Nolahn					

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
LAB: VOLUMETRIC

brown turbid water.

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N/A	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FT-TW

Page 26 of ____

C of C# 4 VOL

By TR/PD

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW09-1 & FT-TW09-1-DU Source Location FT-TW09-1 & FT-TW09-1-DU

Total Well Depth: 20'	
Well Casing Size & Depth: 2"-dia.	
Static Water Level: 17.5'	
One Casing Volume: 0.5 gal.	
Start Purge (hrs.): 0940	
End Purge (hrs.): 0950	
Total Purge Time (min.): 10 min.	
Total Amount Purged (gal.): 2.5 gal	
Monitor Reading: none	
Purge Method: hand bailer	
Sample Method: hand bailer	
Depth Sampled: 17.5'-20'	
Sample Date & Time: 5-5-94 & 0952	
Sampled By: Paul Davis	
Signature(s): Paul Davis	

Purge Data

Volume	pH	S.C.	Temp. (°C)	Color & Turbidity

N.A.

Sample Data

pH	S.C.	Temp. (°C)	Color & Turbidity

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

Lab - volumetric

*Duplicate sample

light brown - moderate turbidity, cool water

Analysis:	Preservative
SELECT Volatiles	Cool 4°C HCl pH<2

	Organic	Inorganic
Traffic Report #		
Tag #		
AB #		
Date Shipped		
Time Shipped		
Lab		
Volume		

N.A.

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FT-TW

Page 27 of ____

C of C# 4 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW09-2 Source Location FT-TW09-2

Total Well Depth: 45'	
Well Casing Size & Depth: 1" dia.	
Static Water Level: 17.7'	
One Casing Volume: 1.8 gal.	
Start Purge (hrs.): 1045	
End Purge (hrs.): 1110	
Total Purge Time (min.): 25 min.	
Total Amount Purged (gal.): 6 gal.	
Monitor Reading:	
Purge Method: hand bailer	
Sample Method: hand bailer	
Depth Sampled: ~~[illegible]~~ 40'	
Sample Date & Time: 5-5-94 - 1115	
Sampled By: Paul Davis	
Signature(s): Paul Davis	

Purge Data

Volume	pH	S.C.	Temp. (°C)	Color & Turbidity

N.A.

Sample Data

pH	S.C.	Temp. (°C)	Color & Turbidity

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

Lab - volumetric

brown - turbid - cool - water

Analysis:	Preservative
SELECT Volatiles	Cool 4°C HCl pH<2

	Organic	Inorganic
Traffic Report #		
Tag #		
AB #		
Date Shipped		
Time Shipped		
Lab		
Volume		

N.A

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FT-TW1

Page 28 of ____

COFC# 4 VOC

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW10-1 Source Location FT-TW10-1

Total Well Depth: 15'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 12.5'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 1215					
End Purge (hrs.): 1220					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: none					
Purge Method: hand bail					
Sample Method: hand bail					
Depth Sampled: 13'-15'					
Sample Date & Time: 5-5-94 - 1225	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

Lab - volumetric

brown - moderate turbid - oily sheen - cool-water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N.A.	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW
Page 24 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 4 VOC

By PD / TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW10-2 Source Location FT-TW10-2

	Purge Data				
Total Well Depth: 40'	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Well Casing Size & Depth: 1"- dia.					
Static Water Level: 12.5'					
One Casing Volume: 1.8 gal.					
Start Purge (hrs.): 1310					
End Purge (hrs.): 1335					
Total Purge Time (min.): 25 min.					
Total Amount Purged (gal.): 6 gal				N.A	
Monitor Reading: 30 ppm soil cuttings					
Purge Method: hand bail					
Sample Method: hand bail					
Depth Sampled: 35-40'					
Sample Date & Time: 5-5-94 @ 1338	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
Lab- volumetric
light brown - turbid - slight sheen - petrol. odor
cool H_2O

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N.A.	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 30 of ____

COFC# 4 VOC

By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW11-1 Source Location FT-TW11-1

	Purge Data				
Total Well Depth: 15.5'					
Well Casing Size & Depth: 2"-dia,	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 13'03"					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1510					
End Purge (hrs.): 1515					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2.5 gal					
Monitor Reading: 62 ppm Soil cuttings					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 13'-15'					
Sample Date & Time: 5-5-94 @ 1520	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

N.A.

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
Lab - volumetric

brown-turbid - oily sheen - strong petrol. odors

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

N.A.

SAMPLE LOG SHEET

FT-TW

Page 31 of ____

COC# 4 VOL

By TR/PD

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON

Project Site Number 0206

NUS Source No. FT-TW11-1-RB

Source Location RINSATE BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: N/A					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:			N/A		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/5/94 1545	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD / TR					

Signature(s):

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

RINSATE BLANK - "to Hold"
Lot # F249

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N/A	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW1

Page 32 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

COC# 5 VOL

By TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW11-2-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: N/A					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):				N/A	
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/5/94 1600	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR / LAB					

Signature(s):

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB PREPARED

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N/A	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 33 of ____

COC# 5 VOL

By PD/TR

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW11-L Source Location FT-TW11-2

	Purge Data				
Total Well Depth: 40'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 12.5'					
One Casing Volume: 1.8 gal.					
Start Purge (hrs.): 1600					
End Purge (hrs.): 1625					
Total Purge Time (min.): 25 min.					
Total Amount Purged (gal.): 5.5 gal				N.A.	
Monitor Reading: 140 ppm in well casing					
Purge Method: hand bail					
Sample Method: hand bail					
Depth Sampled: 38'					
Sample Date & Time: 5-5-94 @ 1630	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
Lab. - Volumetric

brown - turbid - sheen - cool water

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW1

Page 34 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

COFC# 5 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW12-1 Source Location FT-TW12-1

Total Well Depth: 17.5'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 14'10"					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 0810					
End Purge (hrs.): 0815					
Total Purge Time (min.): 5 min					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: 0.4 ppm in borehole					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 14.5'-17.5'					
Sample Date & Time: 5-6-94 0820	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab - volumetric

brown turbid - slight sheen cool water

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N.A.	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FT-TW1

Page 35 of ____

C of C# 5VOC

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW12-2 Source Location FT-TW12-2

Total Well Depth: 40'	Purge Data				
Well Casing Size & Depth: 1" dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 15.5'					
One Casing Volume: 1.6 gal.					
Start Purge (hrs.): 0905					
End Purge (hrs.): 0935					
Total Purge Time (min.): 30 min.				N.A.	
Total Amount Purged (gal.): 5 gal.					
Monitor Reading: 0.6 ppm in well casing					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 36'-38'					
Sample Date & Time: 5-6-91 0940	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab - volumetric brown turbid cool water				

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N.A.	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FT-TW

Page 36 of ____

C of C# 5 VOL

By FD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW13-1 Source Location FT-TW13-1

Total Well Depth: 16.5'	
Well Casing Size & Depth: 2"-dia.	
Static Water Level: 14'	
One Casing Volume: 0.5 gal	
Start Purge (hrs.): 1040	
End Purge (hrs.): 1045	
Total Purge Time (min.): 5 min.	
Total Amount Purged (gal.): 2 gal	
Monitor Reading: 0.6 ppm in well casing	
Purge Method: hand bailer	
Sample Method: hand bailer	
Depth Sampled: 14'-16'	
Sample Date & Time: 5-6-94 1050	
Sampled By: Paul Davis	
Signature(s): Paul Davis	

Purge Data

Volume	pH	S.C.	Temp. (°C)	Color & Turbidity

N.A

Sample Data

pH	S.C.	Temp. (°C)	Color & Turbidity

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

Lab- volumetric

Brown - turbid - sheen - cool water

Analysis:	Preservative
SELECT Volatiles	Cool 4°C HCl pH<2

	Organic	Inorganic
Traffic Report #		
Tag #		
AB #		
Date Shipped		
Time Shipped		
Lab		
Volume		

N.A

SAMPLE LOG SHEET

FT TW

Page 37 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

C of C# 5 VOL

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW13-2 Source Location FT-TW13-2

Total Well Depth: 40'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 13.5'					
One Casing Volume: 1.8 gal					
Start Purge (hrs.): 1115					
End Purge (hrs.): 1140					
Total Purge Time (min.): 25 min.					
Total Amount Purged (gal.): 5.5 gal				N.A.	
Monitor Reading: 0.6 ppm in well casing					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 36-38'					
Sample Date & Time: 5-6-94 1145	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Observations / Notes:

Lab - volumetric

Brown - turbid - cool - water

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW1

Page 38 of ____

COC# 5 VOC

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW13-2-RB Source Location Rinsate Blank

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: NA					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/6/94 1150	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD/TR					
Signature(s):					

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Rinsate BLANK to "Analize"
Lot # F249

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	NA	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page 39 of ____

CoC# 6VOL

By TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW14-1-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: NA					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:			N/A		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time:	Sample Data				
5/9/94 0800	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR					

Signature(s): [signature]

Observations / Notes:

LAB PREPARED

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N/A	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 4c of ____

COC# 6UUL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW14-1 Source Location FT-TW14-1

	Purge Data				
Total Well Depth: 14.5'					
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 12'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 0805					
End Purge (hrs.): 0808					
Total Purge Time (min.): 3 min.					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: 58 ppm in well casing				N.A.	
Purge Method: hand bail					
Sample Method: hand bail					
Depth Sampled: 11.5'-14.5'					
Sample Date & Time: 5-9-94 0810	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab- volumetric dark brown - scummy - sheen - petrol. odors water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 41 of ____

COC# 6 UCL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW14-2 & FT-TW14-2-DU Source Location FT-TW14-2 & FT-TW14-2-DU

Total Well Depth: 40'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 13.5'					
One Casing Volume: 1.8 gal.					
Start Purge (hrs.): 0855					
End Purge (hrs.): 0920					
Total Purge Time (min.): 25 min.					
Total Amount Purged (gal.): 5.5 gal.					
Monitor Reading: 86 ppm in well casing				N.A.	
Purge Method: hand bail					
Sample Method: hand bail					
Depth Sampled: 35-37'					
Sample Date & Time: 5-9-94 0925	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab- volumetric dark brown - sheen - oily - water DUP				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW1

Page 42 of ____

COC# 6 VOL

By FD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW15-1 Source Location FT-TW15-1

	Purge Data				
Total Well Depth: 15'					
Well Casing Size & Depth: 2" dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 12.6'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1043					
End Purge (hrs.): 1046					
Total Purge Time (min.): 3 min					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: 6.0 ppm in well casing				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 12-15'					
Sample Date & Time: 5-9-94 1050	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- volumetric

dk. gray to black - oily - petrol. odors

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 43 of ____

COC# 6 VOC

By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW15-2 Source Location FT-TW15-2

	Purge Data				
Total Well Depth: 40'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 15.45'					
One Casing Volume: 1.6 gal.					
Start Purge (hrs.): 1130					
End Purge (hrs.): 1200					
Total Purge Time (min.): 30 min					
Total Amount Purged (gal.): 5 gal.					
Monitor Reading: 64 ppm in well casing				N.A.	
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 35-37'					
Sample Date & Time: 5-9-94 1205	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab- volumetric olive-black - sheen - oily - water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW-1

Page 4d of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

C of C# 13 LOC

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW16-1 Source Location FT-TW16-1

Total Well Depth: 25.5'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 23'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1415					
End Purge (hrs.): 1420					
Total Purge Time (min.): 5					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: None					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 22'-25'					
Sample Date & Time: 5-18-94 @ 1425	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

dark grayish-brown - turbid cool water

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FT-TW

Page 45 of ____

C of C# 13 VOL

By PD/TM

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW16-2 Source Location FT-TW16-2

Total Well Depth: 45'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 23.5'					
One Casing Volume: 1.5 gal					
Start Purge (hrs.): 1455					
End Purge (hrs.): 1520					
Total Purge Time (min.): 25 min.					
Total Amount Purged (gal.): 4.5 gal				N.A.	
Monitor Reading: NONE					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 41-43'					
Sample Date & Time: 5-18-94 @ 1525	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

brown-turbid cool water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FT-TW

Page 46 of ____

CofC# 14 VOL

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW17-1 . TB Source Location FT-TW17-1-TB

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: N.A.					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):				N.A.	
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5-19-94 @ 0730	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Trip Blank

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 47 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 14 VOL

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW17-1 Source Location FT-TW17-1

Total Well Depth: 14'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 11.5'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 0800					
End Purge (hrs.): 0805					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: 0.4 ppm in well casing					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 11-13'					
Sample Date & Time: 5-19-94 @ 0810	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

light brown - moderate turbidity
cool water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 48 of ____

COFC# 14 UUL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW17-2 Source Location FT-TW17-2

	Purge Data				
Total Well Depth: 34'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 11.5'					
One Casing Volume: 1.5 gal					
Start Purge (hrs.): 0840					
End Purge (hrs.): 0900					
Total Purge Time (min.): 20 min.					
Total Amount Purged (gal.): 5 gal				N.A.	
Monitor Reading: None					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 30'-32'					
Sample Date & Time: 5-19-94 @ 0904	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: LAB VOLUMETRIC brown - turbid water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 49 of ____

CoFC# 14VOL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW18-1 Source Location FT-TW18-1

	Purge Data				
Total Well Depth: 23.5'	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Well Casing Size & Depth: 2"-dia.					
Static Water Level: 21'02"					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1030					
End Purge (hrs.): 1035					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: None					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 21'-23'					
Sample Date & Time: 5-19-94 @ 1040	**Sample Data**				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

light brown turbid water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 50 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 14112

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW18-2 & DU Source Location FT-TW18-2 & FT-TW18-2-DU

Total Well Depth: 45'	Purge Data				
Well Casing Size & Depth: 1"- dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 21.5'					
One Casing Volume: 1.6 gal					
Start Purge (hrs.) 1115 ~~4.8 gal~~					
End Purge (hrs.): 1145					
Total Purge Time (min.): ~~1145~~ 30					
Total Amount Purged (gal.): 8 gal				N.A.	
Monitor Reading: none					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 42-43'					
Sample Date & Time: 5-19-94 @ 1150	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: LAB VOLUMETRIC Brown - turbid cool water Duplicate taken				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 51 of ____

COC# 14VOL

By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW19-1 Source Location FT-TW19-1

	Purge Data				
Total Well Depth: 24'	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Well Casing Size & Depth: 2"-dia.					
Static Water Level: 21.5'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1330					
End Purge (hrs.): 1335					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: None					
Purge Method: handbailer					
Sample Method: " "					
Depth Sampled: 21-23'					
Sample Date & Time: 5-19-94 @ 1340	**Sample Data**				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul D

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Brown-turbid water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 52 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

C of C# 14VOL

By P.D/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW19-2 Source Location FT-TW19-2

Total Well Depth: 45'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 21'					
One Casing Volume: 1.6 gal					
Start Purge (hrs.): 1410					
End Purge (hrs.): 1435					
Total Purge Time (min.): 25.					
Total Amount Purged (gal.): 5 gal				N.A.	
Monitor Reading: NONE					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 41-43'					
Sample Date & Time: 5-19-94 @ 1440	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Brown turbid water

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 53 of ____

COFC# 14 VOL

By PD / TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW19-2-RB Source Location RINSATE BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
N/A					
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):				N.A.	
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5-19-94 1515	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD					

Signature(s): Paul Dam

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC
RINSATE BLANK
Lot # F299

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	N A	
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 59 of ____

CoC# 14 VOL

By TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW19-2-FB Source Location FIELD BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: JK					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):				N.A.	
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5-19-94 1531	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR					

Signature(s):

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC
FIELD BLANK OF
Rinsate water
Lot # F249

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	N A	
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 55 of ____

COFC# 15 VOC

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW20-1-TB Source Location FT-TW20-1-TB

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: N/A					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:				N/A	
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5-23-94 @ 0800	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab volumetric

Trip Blank

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N/A	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 56 of ____

COFC# 15 VOC

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW20-1 Source Location FT-TW20-1

	Purge Data				
Total Well Depth: 26.5'					
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 24'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 0842					
End Purge (hrs.): 0847					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: NONE					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 23-25'					
Sample Date & Time: 5-23-94 @ 0850	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Tan - moderate turbidity

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 57 of ____

COC# 15VOC

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW20-2 Source Location FT-TW20-2

Total Well Depth: 45'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 23'10"					
One Casing Volume: 1.4 gal					
Start Purge (hrs.): 0926					
End Purge (hrs.): 1000					
Total Purge Time (min.): 34					
Total Amount Purged (gal.): 4.5 gal				N.A.	
Monitor Reading: NONE					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 42-45'					
Sample Date & Time: 5-23-94 @ 1004	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul D—	Observations / Notes: LAB VOLUMETRIC Brown turbid water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 58 of ____

COFC# 16 VOL

By TR / PD

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW21-1-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: NA					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					

Sample Date & Time: 6/13/94 0800	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: PD				

Signature(s): Paulm D

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC
LAB PREPARED

Split SAMPLE SHIPPED to RECRA ☐ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 59 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 34 RECRA

By TR / PD

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW21-1-TB Source Location TRIP BLANK

Total Well Depth: —	Purge Data				
Well Casing Size & Depth: —	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: —					
One Casing Volume: —					
Start Purge (hrs.): —					
End Purge (hrs.): —					
Total Purge Time (min.): —					
Total Amount Purged (gal.): —					
Monitor Reading: —					
			NA		
Purge Method: —					
Sample Method: —					
Depth Sampled: —					
Sample Date & Time: 6/13/94 0810	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD					

Signature(s): Paul M. Dai

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

~~LAB VOLUMETRIC~~ TR

RECRA TRIP BLANK
LAB PREPARED

TR

~~Split~~ SAMPLE SHIPPED to RECRA ☐ CofC RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FT-TW

Page 60 of ____

C of C# 34 RECRA & 16 VOL

By PD / TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW21-1 Source Location FT-TW21-1

Total Well Depth: 25.5'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 23'02"					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1000					
End Purge (hrs.): 1015					
Total Purge Time (min.): 15					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: None					
			NA		
Purge Method: hand bail					
Sample Method: " "					
Depth Sampled: 23-25'					
Sample Date & Time: 6-13-94 & 1020	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: P. Davis					

Signature(s): Paul Da[illegible]

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

light tan - moderate turbidity.

Split SAMPLE SHIPPED to RECRA ☑ C of C# 34 RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-71

Page 61 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 34 RECRA & 16 VOL

By PD / TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW21-2 & FT-TW21-2-DU Source Location FT-TW21-2

	Purge Data				
Total Well Depth: 45'					
Well Casing Size & Depth: 1" dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 23'					
One Casing Volume: 1.5 gal					
Start Purge (hrs.): 1100					
End Purge (hrs.): 1144					
Total Purge Time (min.): 44					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: None					
			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 41-44'					
Sample Date & Time: 6-13-94 1147	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Brown turbid water

Duplicate taken

Split SAMPLE SHIPPED to RECRA ☑ CofC# 34 RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 62 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 16 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW22-1 Source Location FT-TW22-1

	Purge Data				
Total Well Depth: 29.5'					
Well Casing Size & Depth: 2" dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 26'08"					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1320					
End Purge (hrs.): 1330					
Total Purge Time (min.): 10					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: none					
			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 26-29'					
Sample Date & Time: 6-13-94 - 1335	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

light brown moderate turbidity

Split SAMPLE SHIPPED to RECRA ☐ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page A63 of ____

CoFC# 16 VOL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW22-2 Source Location FT-TW22-2

	Purge Data				
Total Well Depth: 48'					
Well Casing Size & Depth: 1"- dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 26'03"					
One Casing Volume: 1.5 gal					
Start Purge (hrs.): 1411					
End Purge (hrs.): 1451					
Total Purge Time (min.): 40					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: None					
			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 43-46'					

Sample Date & Time: 6-13-94 1455	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: Paul Davis				

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Brown turbid water

Split SAMPLE SHIPPED to RECRA ☐ CoFC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 64 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 34 RECRA & 16 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW22-2-RB Source Location RINSATE BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: NA					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 6/13/94 1515	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD					

Signature(s): Paul M. Dan

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC
Lot # F249
RINSATE BLANK (S.S. BAILER)

Split SAMPLE SHIPPED to RECRA ☑ CofC # 34 RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 65 of ____

CoFC# 17 VOL

By TR/PD

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW23-1-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: NA					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 6/13/94 1600	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD					

Signature(s): Paul M. D

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC
LAB PREPARED

Split SAMPLE SHIPPED to RECRA ☐ CoFC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 66 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 17 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW23-1 Source Location FT-TW23-1

Total Well Depth: 11.5'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 9'02"					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1605					
End Purge (hrs.): 1615					
Total Purge Time (min.): 10					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: None					
			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 9-11'					
Sample Date & Time: 6-13-94 @ 1618	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: LAB VOLUMETRIC light brown moderate turbidity Split SAMPLE SHIPPED to RECRA ☐ CoFC# RECRA				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW'

Page 67 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORALY WELL

CofC# 17 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW23-2 Source Location FT-TW23-2

	Purge Data				
Total Well Depth: 30'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 8'06"					
One Casing Volume: 1.5 gal.					
Start Purge (hrs.): 1646					
End Purge (hrs.): 1710					
Total Purge Time (min.): 24 min.					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: 8 ppm in well casing			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 25-28'					
Sample Date & Time: 6-13-94 1714	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC
brown turbid water

Split SAMPLE SHIPPED to RECRA ☐ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW
Page 68 of ____
CofC# 17 VOL
By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FT-TW29-1-TB Source Location TRIP BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.): NA					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					

Sample Date & Time: 6-14-94 0800	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: PD				

Signature(s): Paul D

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
LAB VOLUMETRIC TRIP BLANK LAB PREPARED

Split SAMPLE SHIPPED to RECRA ☐ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW
Page 69 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 35 RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW24-1-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: NA					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 6-14-94 0800	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD					

Signature(s): Paul M. D—

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

~~LAB VOLUMETRIC~~ (TR)

RECRA TRIP BLANK LAB PREPARED

Split SAMPLE SHIPPED to RECRA ☐ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 70 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 35 RECRA & 17 VOL

By PD / TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW24-1 Source Location FT-TW24-1

Total Well Depth: 26'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 23'08"					
One Casing Volume: 0.4 gal					
Start Purge (hrs.): 1005					
End Purge (hrs.): 1008					
Total Purge Time (min.): 3 min					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: none					
			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 23'-26'					
Sample Date & Time: 6-14-94 1012	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes:				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

LAB VOLUMETRIC

Brown turbid water

Split SAMPLE SHIPPED to RECRA ☑ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page 71 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 35 RECRA & 17 VOL

By PD / TC

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW 24-2 Source Location FT-TW 24-2

	Purge Data				
Total Well Depth: 45'					
Well Casing Size & Depth: 1"- dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 24'					
One Casing Volume: 1.4 gal					
Start Purge (hrs.): 1045					
End Purge (hrs.): 1125					
Total Purge Time (min.): 40 min.					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: None					
			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 42-44'					
Sample Date & Time: 6-14-94 1130	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Brown Turbid water

MS/MSD Taken for both volumetric & Recra labs.

Split SAMPLE SHIPPED to RECRA ☑ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FT-TW

Page A72 of ____

CofC# 35 RECRA & 17 VOL

By TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FT-TW24-2-RB Source Location RINSATE BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: NA					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 6-14-94 1410	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR					

Signature(s):

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC
RINSATE BLANK (S.S. BAILER)
Lot # F249

Split SAMPLE SHIPPED to RECRA ☑ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SITE 2

SURFACE SOIL

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

FT-SS
PAGE 1 OF 2

■ SURFACE SOIL
☐ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

SAMPLERS SIGNATURE [signature]

SITE NAME CALVERTON, NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)GRAB (C)COMPOSITE	ANALYSES: PCB/PEST. & SEMIVOLATILES	TAL METALS & CYANIDE	TCLP, TPH, TOC & BTU	SOIL MOISTURE PARTICLE SIZE BULK DENSITY				No. OF CONT TOTAL	SOIL DESCRIPTION
FT-SS01-000.5	S.S. Trowel	0-6"	5-26-94	0745	PD/TR	L	G	1	1	5	3				10	TAN, FINE-MED GRAIN SAND, MOIST
FT-SS01-000.5-DU	"	0-6"	↓	0745	"	"	"	1	1	5					7	↓
FT-SS02-000.5	"	0-6"		0800	"	"	"	1	1						2	TAN, F-M GRAIN SAND, MOIST
FT-SS03-000.5	"	0-6"		0810	"	"	"	1	1						2	BRN, F-M GRAIN SAND DRY SOME PEBBLES, ~~MOIST~~ (TR)
FT-SS04-000.5	"	0-6"		0850	"	"	"	2	1						3	EXTRA VOL FOR MS/MSD/LD BRN, Silty F-M GRAIN SAND, Moist
FT-SS05-000.5	"	0-6"		0857	"	"	"	1	1						2	BRN, Silty F-M GRAIN SAND, DRY
FT-SS06-000.5	"	0-6"		0910	"	"	"	1	1						2	BRN, F-M GRAIN SAND, (Const. DEBRI. Pile) Moist
FT-SS06-000.5-RB	"	—	↓	0930	"	"	"	3	2						5	RINSATE to ANALIZE

REMARKS:
RECRA:
SHIPPED FED. EX, AB# 5739378046
5/26/94 @ ≈1600 HRS
C of C #31 RECRA

GEOTESTING:
SHIPPED FED. EX.
AB# 5739377884
5/26/94 @ ≈1600 HRS
C of C # 3 GEO

LAB: SHIPPED to RECRA ENVIRONMENT
Attn LINDA SHAFERNICH

SHIPPED to Geotesting EXPRESS
Attn Mr MARR

ACAD: FORMS\LOG.DWG 2/11/93 MB

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

■ SURFACE SOIL
☐ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

SAMPLERS SIGNATURE [signature]

SITE NAME CALVERTON, NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)RAB (C)COMPOSITE	ANALYSES: SEMI-VOLATILES	PCB/PEST.	TAL METALS	CYANIDE				No. OF CONT TOTAL	SOIL DESCRIPTION
FT-SS06 ~~0~~00.5-FB	DI	—	5/27/94	0820	TR	L	G	2	1	1	1				5	DI WATER Lot# F249 FIELD BLANK

REMARKS: SHIPPED VIA FED. EX. AB# 5739378024
5-27-94 @ ~ 1100 Hrs
C of C # 33 RECRA

LAB: SHIPPED TO RECRA ENVIRONMENT FOR ANALYSIS
ATTN LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93 4B

SITE 2

TEST PIT SOIL

SAMPLE LOG SHEET

Page FT-TP #1 of ____

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

CofC # 34 RECRA

By TR

SITE 2

Project Site Name CALVERTON NWIRP Project Site Number 0206-0300

NUS Source No. FT-ST01-0607-TB Source Location TEST PIT = TP05 TRIP BLANK

Sample Method: LAB PREPARED	Composite Sample Data		
	Sample	Time	Color / Description
Depth Sampled: ____			
Sample Date & Time: 6/13/94 1205			
Sampled By: T.R.			
Signature(s): [signature]		NA	

Type of Sample	If Taken
[x] Low Concentration	
[ ] High Concentration	
[x] Grab	
[ ] Composite	
[ ] Grab - Composite	

Sample Data	
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:	
CHEM:	
TCL Volatiles	✓
TCL Semivolatiles, Pest./PCB	
TAL Metals	
CYANIDE	
ENG:	
TOC	
TPH	
BTU	
TCLP	
Particle Size	
Moisture Content	
Bulk Density (undisturbed)	

Observations/Notes

TRIP BLANK

SAMPLE LOG SHEET

Page FT-TP# of

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

CofC # 34 RECRA

By TR/EH

SITE 2

Project Site Name CALVERTON NWIRP Project Site Number 0206-0300

NUS Source No. FT-ST-01-0607 Source Location TEST PIT = TP05

Sample Method: Backhoe + Stainless Steel Trowel	
Depth Sampled: 6-7 feet	
Sample Date & Time: 6/13/94 12:05	
Sampled By: Eric Huss	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description

NA

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

If Taken

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Tan + Brown	Moist Sand

Analysis:	
CHEM:	
TCL Volatiles	✓
TCL Semivolatiles, Pest./PCB	✓
TAL Metals	✓
CYANIDE	✓
ENG:	
TOC	
TPH	
BTU	
TCLP	
Particle Size	
Moisture Content	
Bulk Density (undisturbed)	

Observations / Notes

OVA readings to 15 ppm in backhoe bucket

From Test Pit FTTP05

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Page FT-TP#3 of ____

CofC # 34 RECRA

By TR

SITE 2

Project Site Name CALVERTON NWIRP Project Site Number 0206-0300

NUS Source No. FT-ST 01-0607-RB Source Location TEST PIT = TP05

Sample Method: DI H_2O over S.S. Trowel

Depth Sampled: —

Sample Date & Time: 6-17-94 1625

Sampled By: T.R. / E.H.

Signature(s): [signature]

Composite Sample Data

Sample	Time	Color / Description

NA

Type of Sample

- [ ] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Sample Data

Color | Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:	✓ If Taken
CHEM:	
TCL Volatiles	✓
TCL Semivolatiles, Pest./PCB	✓
TAL Metals	✓
CYANIDE	✓
ENG:	
TOC	
TPH	
BTU	
TCLP	
Particle Size	
Moisture Content	
Bulk Density (undisturbed)	

Observations / Notes

RINSATE BLANK

LOT # F249

SAMPLE LOG SHEET

Page FT-TP #4 of ____

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

CofC # 35 RECRA

By TR

SITE 2

Project Site Name CALVERTON NWIRP Project Site Number 0206-0300

NUS Source No. FT-ST02-0304-TB Source Location TEST PIT = TP14 TRIP BLANK

Sample Method: LAB PREPARED	
Depth Sampled: ____	
Sample Date & Time: 6/14/94 1200	
Sampled By: TR	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description
	NA	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ If Taken

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:	
CHEM:	
TCL Volatiles	✓
TCL Semivolatiles, Pest./PCB	
TAL Metals	
CYANIDE	
ENG:	
TOC	
TPH	
BTU	
TCLP	
Particle Size	
Moisture Content	
Bulk Density (undisturbed)	

Observations / Notes

TRIP BLANK
LAB PREPARED

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

Page FT-TP#5 of ____

CofC # 35 RECRA

By EH/TR

SITE 2

Project Site Name CALVERTON NWIRP Project Site Number 0206-0300

NUS Source No. FT-ST02-0304 Source Location TEST PIT = TP14

Sample Method: Backhoe + SS Trowel	Composite Sample Data
Depth Sampled: 3 to 4 ft.	Sample / Time / Color / Description
Sample Date & Time: 6/14/94 1230	
Sampled By: ERIC NUSS	
Signature(s):	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ If Taken

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Black	

Analysis:	✓
CHEM:	
TCL Volatiles	✓
TCL Semivolatiles, Pest./PCB	✓
TAL Metals	✓
CYANIDE	✓
ENG:	
TOC	
TPH	
BTU	
TCLP	
Particle Size	
Moisture Content	
Bulk Density (undisturbed)	

Observations / Notes

OVA Readings to 300 ppm

From Test Pit FT TP14

SAMPLE LOG SHEET

Page FT-TP16 of ____

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Sediment
- ☐ Lagoon / Pond
- ■ Other TEST PIT

CoFC # 35RECRA

By TR / EH

SITE 2

Project Site Name CALVERTON NWIRP Project Site Number 0206-0300

NUS Source No. FT-ST02-0304 Source Location TEST PIT = TP14 Rinsate

		Composite Sample Data		
Sample Method: Dt over S.S. Trowel		Sample	Time	Color / Description
Depth Sampled: —				
Sample Date & Time: 6/14/94				
Sampled By: EH / TR				
Signature(s):				
Type of Sample	✓ If Taken			
☐ Low Concentration				
☐ High Concentration				
☒ Grab				
☐ Composite				
☐ Grab - Composite				
		Sample Data		
		Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)	
Analysis:		Observations / Notes		
CHEM:				
TCL Volatiles	✓			
TCL Semivolatiles, Pest./PCB	✓			
TAL Metals	✓			
CYANIDE	✓			
ENG:				
TOC				
TPH				
BTU				
TCLP				
Particle Size				
Moisture Content				
BULK DENSITY (undisturbed)				

RINSATE BLANK

SAMPLE LOG SHEET

Page FT-TP4 of ____

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other TEST PIT

CofC # 39 RECRA

By TR

SITE 2

Project Site Name CALVERTON NWIRP Project Site Number 0206-0300

NUS Source No. FT-ST02-0304-FB Source Location TEST PIT = TP14 FIELD BLANK

Sample Method: Direct Pour From DI Pack	
Depth Sampled: —	
Sample Date & Time: 6-15-94 1530	
Sampled By: TR	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description

NA

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ If Taken

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:	
CHEM:	
TCL Volatiles	✓
TCL Semivolatiles, Pest./PCB	✓
TAL Metals	✓
CYANIDE	✓
ENG:	
TOC	
TPH	
BTU	
TCLP	
Particle Size	
Moisture Content	
Bulk Density (undisturbed)	

Observations / Notes

FIELD BLANK
DI WATER
Lot # F249

SAMPLE LOG SHEET

Page FT-TP #8 of ____

Halliburton NUS CORPORATION

- Surface Soil
- Subsurface Soil
- Sediment
- Lagoon / Pond
- Other TEST PIT

C of C # 41 RECRA E #4 GEC

By TR/EH

SITE 2

Project Site Name CALVERTON NWIRP Project Site Number 0206-0300

NUS Source No. FT-ST083-0607 (TR) Source Location TEST PIT = TP40

Sample Method: Backhoe + SS Trowel	
Depth Sampled: 6-7'	
Sample Date & Time: 6/17/94 0938	
Sampled By: E.H	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description
	NA	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

If Taken

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Tan	w/pebbles.

Analysis:	
CHEM:	
TCL Volatiles	
TCL Semivolatiles, Pest./PCB	
TAL Metals	
CYANIDE	
ENG:	
TOC	✓
TPH	✓
BTU	✓
~~TCLP~~	✓
Particle Size	✓
Moisture Content	✓
Bulk Density (undisturbed)	

Observations / Notes

From FT TP40
NO OVA Readings.

Clean Natural soil D. Brayack requested not to take TCLP Parameter

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- Surface Soil
- Subsurface Soil
- Sediment
- Lagoon / Pond
- Other WASTE

Page FT-TP#7 of ____

CoFC # 42 RECRA

By TR

SITE 2

Project Site Name CALVERTON, NWIRP Project Site Number 0206

NUS Source No. FT-WST01-0102-TB Source Location TEST PIT = TP42 TRIP BLANK

Sample Method: LAB PREP

Depth Sampled: —

Sample Date & Time: 6-17-94 1000

Sampled By: TR

Signature(s): [signature]

Composite Sample Data

Sample	Time	Color / Description

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Type of Sample

- [ ] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	✓ If Taken
CHEM:	
TCL Volatiles	✓
Semivolatiles, Pest. /PCB	
TAL Metals	
CYANIDE	
ENG:	
Hexavalent chromium	
Ignitability	
Corrosivity	
Reactivity	
TOC	
TPH	
BTU	
TCLP	
Particle Size	
Moisture Content	
Bulk Density (undisturbed)	

Observations / Notes

TRIP BLANK
LAB PREPARED
SHIPPED W/ FT-WST01-0102 &
FT-WST01-0102-DU only

SAMPLE LOG SHEET

Page FT-TP#N of ____

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other WASTE

CofC # 41 & 42 RECRA & # 4 GEL

By TR/EH

SITE 2

Project Site Name CALVERTON, NWIRP Project Site Number 0206

NUS Source No. FT-WST01-0102 Source Location TEST PIT = TP42

Sample Method: Backhoe + SS Trowel	Composite Sample Data
Depth Sampled: 1.25 - 2'	Sample / Time / Color / Description
Sample Date & Time: 6/18/94 1010	
Sampled By: E.H + T.R.	NA
Signature(s): [signature]	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
Black	Stained Sand w/pebbles

	Analysis:	If Taken
	CHEM:	
4 oz	TCL Volatiles - oz	✓
16 oz	Semivolatiles, Pest. /PCB	✓
4 oz	TAL Metals	✓
	CYANIDE	✓
	ENG:	
4 oz	Hexavalent chromium	✓
4 oz	Ignitability	✓
	Corrosivity	✓
	Reactivity	✓
4 oz	TOC	✓
4 oz	TPH	✓
4 oz	BTU	✓
16 + 4 oz	TCLP	✓
16 oz	Particle Size	✓
	Moisture Content	✓
	Bulk Density (undisturbed)	→ Broken up by debri; wood, corigated material, etc.

Observations / Notes

OVA Readings to 600ppm

Sample from FTTP42.

DUP Collected @ this Location

*NOTE: NOT A WASTE SAMPLE, BUT COLLECTED for ~~USED~~ (TR) WASTE PARAMETERS.

5-16 oz.
16-4 oz.

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] Other WASTE

Page FT-TP#1 of ____

CofC # 42 RECRA

By TR

SITE 2

Project Site Name CALVERTON, NWIRP Project Site Number 0206

NUS Source No. FT-WST01-0102-RB Source Location TEST PIT = TP42 RINSATE

		Composite Sample Data		
Sample Method: DI H_2O over S.S. Trowel		Sample	Time	Color / Description
Depth Sampled: ____				
Sample Date & Time: 6-17-94 1150				
Sampled By: TR				
Signature(s): [signature]			NA	
Type of Sample	✓ If Taken			
[x] Low Concentration				
[ ] High Concentration				
[x] Grab				
[ ] Composite				
[ ] Grab - Composite				
		Sample Data		
		Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)	

Analysis:	
CHEM:	
TCL Volatiles	✓
Semivolatiles, Pest. /PCB	✓
TAL Metals	✓
CYANIDE	✓
ENG:	
Hexavalent chromium	
Ignitability	
Corrosivity	
Reactivity	
TOC	
TPH	
BTU	
TCLP	
Particle Size	
Moisture Content	
Bulk Density (undisturbed)	

Observations / Notes

RINSATE BLANK

SHIPPED WITH FD-TWOE-2-TB

SITE 2

GROUNDWATER

SAMPLE LOG SHEET

FT-GW
Page 5 of ____
CofC# RECRA GW#06
By TK

Halliburton NUS CORPORATION

3 of 4

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FT-GW01-S Source Location SITE 2 MW01-S

Total Well Depth: 30.02 TPVC	Purge Data					
Well Casing Size & Depth: 4" Ø 30.02	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	4.53	.475	12.9	Cloudy	201
Static Water Level: 23.05	1	4.45	.450	11.7	TAN	832
One Casing Volume: 18 L	2	4.44	.466	11.8	"	748
Start Purge (hrs.): 1354	3	4.43	.460	11.7	"	758
End Purge (hrs.): 1415	4					
Total Purge Time (min.): 21	5					
Total Amount Purged (gal.): 54L	6					
Monitor Reading: OVA = 0 ppm @1346						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 1420	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: SU/PD/TK	4.43	.460	11.7	TAN	758

Signature(s): [illegible]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.
II 00 IS

F.Ring

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL Semivolatiles PCB/PESTICIDES	4°C. —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FT-GW
Page 6 of ____

Halliburton NUS CORPORATION

79' 9½"

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

CofC# RECRA GW#06

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FT-GW01-I Source Location SITE 2 MW01-I

Total Well Depth: 79.79' TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 79.79'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.08	.104	13.5	Clear	9
Static Water Level: 22.77	1	6.27	.078	11.5	Clear	10
One Casing Volume: 38gal	2	6.23	.076	11.3	CLEAR	10
Start Purge (hrs.): 1356	3	6.20	.076	11.1	CLEAR	10
End Purge (hrs.): 1414	4					
Total Purge Time (min.): 18	5					
Total Amount Purged (gal.): 116gal	6					
Monitor Reading: OVA 0ppm @ 1346						
Purge Method: TEEL PUMP						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 1430	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: SV / PU/TR	6.20	.076	11.1	Clear	10

Signature(s):

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL Semivolatiles PCB/PESTICIDES	4°C; —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FT-GW
Page 1 of ____
CofC# RECRA GW#08
By TR

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FT-GW02-S Source Location SITE 2 FT-MW02-S

Total Well Depth: 22.15 TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I					
Static Water Level: 14.85	1					
One Casing Volume: 17.3 L	2					
Start Purge (hrs.): 1107	3			READINGS		
End Purge (hrs.): 1130	4		NO			
Total Purge Time (min.): 23	5					
Total Amount Purged (gal.): 105L	6		Oily	Film		
Monitor Reading: OVA = 2.6ppm @1032						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						
Sample Date & Time: 1130	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: VS/PD/TR	NA					

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.
KECK READ 14.85 ~~15.22~~ (TR) FILM OF PRODUCT

DUP. FT-GW02-S-DU-02

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓	✓	
TCL Semivolatiles PCB/PESTICIDES	4°C. —	(3) Amber Glass	✓	✓	
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓	✓	
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓	✓	
TSS / TDS	4°C; —	1L PE	✓	✓	
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE	✓	✓	
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE	✓	✓	
BOD	4°C; —	1L PE	✓	✓	
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE	✓	✓	

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

Page FT-GW of _____

C of C# RECRA GW #08

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FT-GW02-I Source Location SITE 2 FTMW02-I

Total Well Depth: TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 70.29'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	7.43	.179	14.0	Clear	-10
Static Water Level: 14.96	1	7.07	.180	12.4	light brown cloudy	114
One Casing Volume: 36 gals.	2	6.97	.176	12.2	Clear	-10
Start Purge (hrs.): 1044	3	6.95	.174	12.3	Clear	-10
End Purge (hrs.): 1100	4					
Total Purge Time (min.): 16	5					
Total Amount Purged (gal.): 110 gal	6					
Monitor Reading: OVA = 0.8 ppm @ 1030						
Purge Method: Teel Pump						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 08-31-94 1110	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR	6.95	.174	12.3	Clear	-10

Signature(s): [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		✓
TCL Semivolatiles PCB/PESTICIDES	4°C; —	(3) Amber Glass	✓		✓
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		✓
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		✓
TSS / TDS	4°C; —	1L PE	✓		
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE	✓		
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE	✓		
BOD	4°C; —	1L PE	✓		
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE	✓		

SAMPLE LOG SHEET

FT-GW

Page 1 of ____

C of C# ____

By ____

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other Rinsate

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FT-GW02-S-RB Source Location SITE 2

Total Well Depth: TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø NA	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
Static Water Level:	I					
One Casing Volume:	1					
Start Purge (hrs.):	2					
End Purge (hrs.):	3					
Total Purge Time (min.):	4					
Total Amount Purged (gal.):	5					
Monitor Reading:	6		NA			
Purge Method:						
Sample Method: S.S. Bailer						
Depth Sampled: — NA						
Sample Date & Time:	Sample Data					
8-31-94 1605	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: PD/VS/TL						

Signature(s): Paul [illegible] HASL [illegible]

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.
RINSATE
Lot # F249

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL Semivolatiles PCB/PESTICIDES	4°C; —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FT-GW
Page 7 of ____

Halliburton NUS CORPORATION
33' 5½"

■ Monitoring Well Data
☐ Domestic Well Data
☐ Other ____

CofC# RECRA GW#06

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FT-GW03-S & DUP Source Location SITE 2 MW03-S

	Purge Data					
Total Well Depth: 33.46 TPVC						
Well Casing Size & Depth: 4"Ø 33.46'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.77	.206	12.4	TANISH	401
Static Water Level: 25.96	1	6.35	.212	11.8	TAN	999
One Casing Volume: 20L	2	6.35	.217	12.2	Brown	999
Start Purge (hrs.): 1443	3	6.32	.220	12.2	TAN	812
End Purge (hrs.): 1500	4					
Total Purge Time (min.): 17	5					
Total Amount Purged (gal.): 60L	6					
Monitor Reading: OVA = 0ppm @ 1440						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 8-30-94 1502	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR	6.32	.220	12.2	TAN	812

Signature(s): [signature]

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ■ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.
DUP
FT-GW03-S-DU-01
MW03-S
FIRE RING

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓	✓	
TCL Semivolatiles PCB/PESTICIDES	4°C; —	(3) Amber Glass	✓	✓	
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓	✓	
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓	✓	
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FT-GW

Page 8 of ____

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

CofC# ____

By ____

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FT-GW03-S-RB Source Location SITE 2

Total Well Depth: TPVC	Purge Data						
Well Casing Size & Depth: 4"Ø —	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity	
	I						
Static Water Level: —	1						
One Casing Volume: —	2						
Start Purge (hrs.): —	3						
End Purge (hrs.): —	4						
Total Purge Time (min.): —	5						
Total Amount Purged (gal.): —	6						
Monitor Reading: —			NA				
Purge Method: —							
Sample Method: S.S. Bailer							
Depth Sampled: —							
Sample Date & Time: 8/30/94 1630	Sample Data						
	pH	S.C.	Temp. (°C)	Color	Turbidity		
Sampled By: US / TR							

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

BAILER RINSATE

Lot # F249

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL Semivolatiles PCB/PESTICIDES	4°C; —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

27'11"

Halliburton NUS CORPORATION

SAMPLE LOG SHEET

FT-GW

Page 1 of ____

CofC# RECRA GW#08

By TK

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FT-GW04-S Source Location SITE 2

Total Well Depth: 27.92 TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 27.92	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	4.63	.192	12.5	TANISH	600
Static Water Level: 20.68	1	4.74	.186	11.3	TAN	999
One Casing Volume: 18L	2	4.65	.192	11.2	"	840
Start Purge (hrs.): 0915	3	4.64	.181	11.3	"	620
End Purge (hrs.): 0936	4	4.61	.187	11.2	TANISH	390
Total Purge Time (min.): 21	5					
Total Amount Purged (gal.): 54L	6					
Monitor Reading:						
OVA: 0ppm @ 0910						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time:	Sample Data				
8-31-94 0940	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TK	4.61	.187	11.2	TANISH	390

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

F. Rings

4-S

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL Semivolatiles PCB/PESTICIDES	4°C; —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

19' 6 1/2"

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

FT-GW
Page 3 of ____
C of C# RECRA GW 06
By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FT-GW05-S Source Location SITE 2 MW05-S

Total Well Depth: 19.54 TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 19.54	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.47	.221	13.8	TANISH	292
Static Water Level: 11.64	1	6.34	.201	13.4	TAN	999
One Casing Volume: 20L	2	6.49	.243	13.5	"	999
Start Purge (hrs.): 1058	3	6.37	.199	13.6	"	999
End Purge (hrs.): 1125	4	6.52	.245	13.5	"	999
Total Purge Time (min.): 27	5					
Total Amount Purged (gal.): 80L	6					
Monitor Reading: OVA = 1.75 ppm @ 1048						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						
Sample Date & Time: 1127	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: PD/VS/TR						

Signature(s): [signature] Paul M D[signature] [signature]

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL Semivolatiles PCB/PESTICIDES	4°C; —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FT-GW
Page 4 of ____

Halliburton NUS CORPORATION

60' 1/4"

■ Monitoring Well Data
☐ Domestic Well Data
☐ Other ____

CofC# RECRA GW #06

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FT-GW05-I Source Location SITE 2 MW05-I

Total Well Depth: 60.02' TPVC	Purge Data					
Well Casing Size & Depth: 4" Ø 60.02'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.64	.168	12.1	clear	10
Static Water Level: 12.09	1	6.62	.156	11.5	TANISH	330
One Casing Volume: 32 gal.	2	6.53	.151	11.4	CLEAR	10
Start Purge (hrs.): 1100	3	6.48	.145	11.4	CLEAR	10
End Purge (hrs.): 1110	4					
Total Purge Time (min.): 10	5					
Total Amount Purged (gal.): 96 gal	6					
Monitor Reading: Opm @ 1048						
Purge Method: TEEL PUMP						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 08-30-94 1135	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR	6.48	.145	11.4	CLEAR	10

Signature(s): [signature]

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample
■ Low Concentration
☐ High Concentration
■ Grab
☐ Composite
☐ Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL Semivolatiles PCB/PESTICIDES	4°C; —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

28.10"

Halliburton NUS CORPORATION

SAMPLE LOG SHEET

FT-GW

Page 1 of ____

CofC# RECRA GW #06

By TR

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FT-GW06-S Source Location SITE 2 MW06

	Purge Data					
Total Well Depth: 28.83 TPVC	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
Well Casing Size & Depth: 4" Ø 28.83'	I	5.80	.101	12.7	Cloudy	122
Static Water Level: 21.11	1	5.52	.113	11.6	BRN	999
One Casing Volume: 18L	2	5.53	.117	11.7	Brn.	900
Start Purge (hrs.): 0948	3	5.51	.116	11.6	Brn.	605
End Purge (hrs.): 1010	4			~~11.7~~ (TR)		
Total Purge Time (min.): 22	5					
Total Amount Purged (gal.): 54L	6					
Monitor Reading: OVA= 0.5ppm @ 0940						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

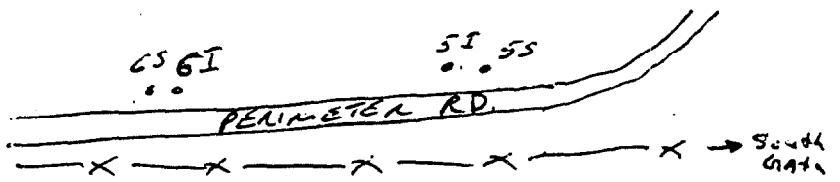
Sample Date & Time: 08-30-94 1020	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: VS / PV / TR	5.51	.116	11.6	BRN	605

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.



Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL Semivolatiles PCB/PESTICIDES	4°C; —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

76.10¼'

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

FT-GW

Page 2 of ____

C of C# RECRA GW#06

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FT-GW06-I Source Location SITE 2 MW06-I

Total Well Depth: 76.85' TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 76.85'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	7.50	.244	12.6	Clear	11
Static Water Level: 22.12	1	7.99	.199	11.4	Tanish	220
One Casing Volume: 36 Gal	2	7.21	.230	11.5	tanish-clear	-10
Start Purge (hrs.): 0953	3	7.35	.231 (TR)	11.7	clear	10
End Purge (hrs.): 1026	4					
Total Purge Time (min.): 34	5					
Total Amount Purged (gal.): 108 gal	6					
Monitor Reading: OVA = 0 ppm @ 0940						
Purge Method: ~~S.S.~~ TEEL PUMP						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 08-30-94 1030	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD / VS / TR	7.35	.231	11.7	clear	10

Signature(s): [signature] [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL Semivolatiles PCB/PESTICIDES	4°C; —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FT-GW
Page 1 of ____

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

CofC# RECRA GW#0

By TR

36' 11½"

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FT-GW07-S Source Location SITE 2 MW07-S

Total Well Depth: 36.96' TPVC	Purge Data					
Well Casing Size & Depth: 4" Ø 36.96'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	5.13	.090	11.6	cloudy lt. tan	45
Static Water Level: 29.86	1	4.94	.087	11.3	TAN	950
One Casing Volume: 18L	2	4.88	.088	11.1	"	775
Start Purge (hrs.): 0955	3	4.81	.088	11.1	"	615
End Purge (hrs.): 1014	4					
Total Purge Time (min.): 19	5					
Total Amount Purged (gal.): 54L	6					
Monitor Reading: OVA = 0 ppm @ 0954						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time:	Sample Data				
8-31-94 1015	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR	4.81	.088	11.1	TAN	615

Signature(s): [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

WEST MOST WELL ON PERIMETER ROAD.

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL Semivolatiles PCB/PESTICIDES	4°C. —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SITE 6A

SUBSURFACE SOIL

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

☐ SURFACE SOIL
■ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

FUEL CALIBRATION AREA
SITE 6A

PAGE FC1 OF

SAMPLERS SIGNATURE Paul D[illegible]

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)OW (M)IGH	(G)RAB (C)OMPOSITE	ANALYSES: TCL VOLATILES	SEMIVOLATILES	LEAD						No. OF CONT TOTAL	SOIL DESCRIPTION
FC-SB01-0608	SS	6-8'	4/26/94	1311	PD	L	G	1	1	1						3	BRN; MED-Coarse GRAIN Sand many SR PEBBLES, Moist-WET; 0.8 ppm OVA
FC-SB01-0810	SS	8-10'	"	1318	PD	L	G	1	1	1						3	BRN; FINE-MED SAND SATURATED; 0.2 ppm OVA

REMARKS: SS - Split - Spoon
SHIPPED FEDERAL EXPRESS
AB# 5739377840 4/26/94 @ 1730 Hrs
C.O.C # 17 RECRA

LAB: RECRA ENVIRONMENTAL, INC
ATTN. LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

☐ SURFACE SOIL
■ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

FUEL CALIBRATION AREA
SITE 6A

PAGE FC2 OF

SAMPLERS SIGNATURE Paul D

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)GRAB (C)COMPOSITE	ANALYSES: TCL VOLATILES	SEMI VOLATILES	LEAD						No. OF CONT TOTAL	SOIL DESCRIPTION
FC-SB02-0406-TB	LAB	--	4/26/94	1330	LAB	L	G	2								2	AQ TRIP BLANK
FC-SB02-0406	SS	4-6'	4/26/94	1347	PD	L	G	1	1	1						3	Light BRN; Silty Fine Grain Sand; Moist; 0.2 ppm OVA
FC-SB02-0810	SS	8-10'	4/26/94	1400	PD	L	G	1	1	1						3	Light BRN; F-M Grain Sand trace Surround Pebbles; SATURATED; 0.2 ppm OVA
FC-SB03-0204	SS	2-4'	4/26/94	1426	PD	L	G	1	1	1						3	OR. BRN; Silty Fine Grain Sand Moist-Wet; 0.8 PPM OVA
FC-SB03-0406	SS	4-6'	4/26/94	1431	PD	L	G	1	1	1						3	OR. BRN; Fine-Med Grain Sand Wet-Saturated; 0ppm OVA
FC-SB04-0204	SS	2-4'	4/26/94	1455	PD	L	G	1	1	1						3	OR. BRN; Silty Fine Grain Sand w/ many pebbles; Dry-Moist 1.0ppm OVA
FC-SB04-0406	SS	4-6'	4/26/94	1500	PD	L	G	1	1	1						3	DARK BRN; F-Med Grain Sand some Coarse/Pebbles; Saturated 100ppm OVA
FC-SB04-0406-D4	SS	4-6'	4/26/94	1500	PD	L	G	1	1	1						3	DUP OF ABOVE SAMPLE
FC-SB05-0204	SS	2-4'	4/26/94	1530	PD	L	G	1	1	1						3	DARK BRN; Clayey Sand w/ Debri & w/ Fine Grain Sand; Moist-Wet 1000+ OVA
FC-SB05-0406	SS	4-6'	4/26/94	1538	PD	L	G	1	2	1						4	DO MS/MSD DARK BRN; F-M Grain Sand - Some Coarse Sand SATURATED 1000+ OVA

REMARKS: SS - SPLIT SPOON
SHIPPED FEDERAL EXPRESS
4/27/94 @ 1800 HRS
AB# 5739377836
COC #13 RECRA

LAB: SHIPPED to RECRA ENV
FOR ANALYSIS
ATTN: LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

☐ SURFACE SOIL
■ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

FUEL CALIBRATION AREA
SITE 6A

PAGE FC3 OF

SAMPLERS SIGNATURE [signature] Paul [signature]

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)OW (H)IGH	(G)RAB (C)OMPOSITE	ANALYSES: TCL VOLATILES	SEMIVOLATILES	LEAD						No. OF CONT TOTAL	SOIL DESCRIPTION
FC-SB06-0103-TB	LAB	—	4/27/94	0730	LAB	L	G	2								2	AQ. TRIP BLANK
FC-SB06-0103-RB	SS	~~1-3'~~	↓	0735	TK/ZH	↓	↓	2	2	1						5	AQ. RINSATE BLANK to Analize
FC-SB06-0103	SS	1-3'		0937	PD			1	1	1						3	Bluish Gray; Silty Clay Lens Or. BRN; Silty Fine Grain SAND Moist; 92 PPM
FC-SB06-0507	SS	5-7'		1135	PD			1	1	1						3	Or. BRN; Silty Fine Grain Sand Light BRN; F-M Grain Sand; WET-SATURATED; 1-7 PPM OVA
FC-SB06-0507-DU	SS	5-7'		1135	PD			1	1	1						3	DUP OF ABOVE SAMPLE

REMARKS: SS: SPLIT-SPOON
SHIPPED VIA FEDERAL EXPRESS
AB# 5739377825 4/28/94 @1100HRS
COC# 20 RECRA

LAB: SHIPPED TO RECRA ENV.
ATTN LINDA SCHAFERNICH

ACAD: FORMS\LOG DWG 2/11/93

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

☐ SURFACE SOIL
■ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

FUEL CALIBRATION AREA
SITE 6A

PAGE F24 OF ____

SAMPLERS SIGNATURE Paul [illegible]

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)GRAB (C)COMPOSITE	ANALYSES: TCL VOLATILES	SEMI-VOLATILES	LEAD						No. OF CONT TOTAL	SOIL DESCRIPTION	OVA READING
FC-SB07-0204-TB	LAB	-	5/24/94	0800	PD	L	G	2								2	TRIP BLANK	—
FC-SB07-0204	Split Spoon	2-4'		0820	PD	L	G	1	1	1						3	Light BRN; FINE GRAIN SAND Moist	0ppm
FC-SB07-0406	"	4-6'		0827	PD	L	G	1	1	1						3	Light BRN, FINE GRAIN SAND W/ MANY PEBBLES; Saturated	10 ppm
FC-SB08-0204	"	2-4'		0859	PD	L	G	1	1	1						3	BRN, Clayey very FINE GRAIN SAND; DRY-Moist	0ppm
FC-SB08-0406	"	4-6'		0907	PD	L	G	1	1	1						3	Light BRN; FINE GRAIN SAND W/OR. BANDS-SOME SILT; Saturated	0ppm
FC-SB09-0406	"	4-6'		0940	PD	L	G	1	1	1						3	Light BRN; FINE GRAIN SAND - some silt; Moist	28ppm
FC-SB09-0608	"	6-8'		0950	PD	L	G	1	1	1						3	↓ SATURATED	100ppm
FC-SB10-0406	"	4-6'		1020	PD	L	G	1	1	1						3	OR. BRN; FINE GRAIN SAND SOME M3DG. SAND & SUBROUND PEBBLES MOIST - WET	0.6 ppm
FC-SB10-0608	"	6-8'		1025	PD	L	G	1	1	1						3	GRAY BRN; F-M GRAIN SAND W/SUBROUND PEBBLES; SATURATED	2.4 ppm
FC-SB11-0507	"	5-7'		1356	PD	L	G	1	1	1						3	OR. BRN; FINE GRAIN SAND W/ MANY PEBBLES; Moist - WET	0.2 ppm
FC-SB11-0507-DU	"	5-7'		1356	PD	L	G	1	1	1						3	DUP OF ABOVE	"
FC-SB11-0709	"	7-9'		1405	PD	L	G	1	2	1						4	DO MS/MSD/LD, Light BRN; FINE GRAIN SAND W/SUBROUND PEBBLES; SATURATED	0.4 ppm
FC-SB11-0709-RB	"	-	↓	1615	PD/AK	L	G	2	2	1						5	RINSATE to ANALIZE	—

REMARKS: SHIPPED VIA FED. EX. AB# 5739378050
SHIPPED 5/24/94 @ ~1800 HRS
COFC # 28 RECRA

LAB: SHIPPED to RECRA ENVIRONMENT

ATTN. LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93 MB

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

☐ SURFACE SOIL
■ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

FUEL CALIBRATION AREA
SITE 6A

PAGE FC 5 OF ___

SAMPLERS SIGNATURE Paul M. Di

SITE NAME CALVERTON, NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)GRAB (C)COMPOSITE	ANALYSES: TCL VOLATILES	SEMIVOLATILES	LEAD						No. OF CONT TOTAL	SOIL DESCRIPTION
FC-SB12-0406-TB	LAB PREP	—	6/15/94	1400	PD	L	G	2								2	TRIP BLANK
FC-SB12-0406	SS	4-6'	↓	1422	↓	↓	↓	1	1	1						3	
FC-SB12-0608	SS	6-8'		1430				1	1	1						3	
FC-SB12-0608-RB	DI OUTER SS	—		1450				2	2	1						5	RINSATE BLANK

REMARKS: SHIPPED VIA FEDERAL EXPRESS
AB# 5739377906
CoFC # 40 RECRA
6-16-94 @ 1400 Hrs

LAB: SHIPPED to RECRA ENVIRONMENT

ATTN LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93 MB

SITE 6A

SURFACE SOIL

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

FC-SS
PAGE 1 OF 1

■ SURFACE SOIL
☐ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

SAMPLERS SIGNATURE Tony Rogaki

SITE NAME CALVERTON, NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)RAB (C)COMPOSITE	ANALYSES: SEMI-VOLATILES	LEAD	TCLP, TPH	TOC & BTU	Moisture Content, Particle Size & Bulk Density				No. OF CONT TOTAL	SOIL DESCRIPTION
FC-SS01-000.5	SS Trowel	0-6"	5/26/94	1015	TR	L	G	1	1	5	3					10	BRN, FINE-MED GRAIN SAND w/ORGANICS & PEBBLES, Moist
FC-SS01-000.5-DU	"	↓	↓	1015	"	↓	↓	1	1	5						7	↓
FC-SS02-000.5	"			1040	"			2	1							3	MS/MSD/LD; BRN, F-M grain Sand w/organics & PEBBLES, Moist
FC-SS03-000.5	"			1048	"			1	1							2	TAN-BRN Moist F-M grain sand w/PEBBLES
FC-SS04-000.5	"			1055	"			1	1							2	TAN-BRN Moist F-M grain sand w/PEBBLES
FC-SS05-000.5	"			1104	"			1	1							2	Dark BRN Moist F-M grain sand w/PEBBLES
FC-SS06-000.5	"	↓	↓	1110	"	↓	↓	1	1							2	Grey-BRN Moist F&M grain clayey sand w/PEBBLES

REMARKS:

RECRA:
SHIPPED VIA FED. EX.
AB# 5739378046
5/26/94 @ ≈ 1600 HRS.
COFC's #31 & #32 RECRA

GEOTESTING:
SHIPPED VIA FED. EX.
AB# 5739377884
5/26/94 ≈ 1600 HRS
COFC # 3660

LAB: SHIPPED to RECRA ENVIRONMENT ATTN. LINDA SHAFERNICH

SHIPPED to GEOTESTING EXPRESS ATTN MR MARR

ACAD: FORMS\LOG.DWG 2/11/93 MB

SITE 6A

TEMPORARY WELLS

SAMPLE LOG SHEET

FC-TW

Page 1 of ____

COC# 6 VOC

By TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW01-1-FB9 Source Location FIELD BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: N/A					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:			N/A		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/9/99 1310	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR					

Signature(s): [signature]

Observations / Notes:

DI H_2O

Lot # F249

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N/A	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 2 of ____

COC# 6 VOL

By TL

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW01-1-FB10 Source Location FIELD BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: NA					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 1320	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TL					

Signature(s): [signature]

Observations / Notes:

Driller Source H2O

Facilities Main BLDG

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-7 w/

Page 3 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

COC# 7 VOL

By TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW01-1-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: N/A					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/10/94 0730	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR / LAB					
Signature(s):	Observations / Notes: LAB PREPARED				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

FC-TW

Page 4 of ____

C of C# 7VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW01-1-RB Source Location Rinsate Blank

	Purge Data				
Total Well Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Well Casing Size & Depth:					
Static Water Level: NA					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:			N/A		
Purge Method:					
Sample Method:					
Depth Sampled:					

Sample Date & Time:	Sample Data			
5/10/94 0800	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: PD/TR				

Signature(s): Paul Dai

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Rinsate to Analize
F249 Lot #

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N/A	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW
Page 5 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

COC# 7 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW01-1 Source Location FC-TW01-1

	Purge Data				
Total Well Depth: 10'					
Well Casing Size & Depth: 2" dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 7.5'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1030					
End Purge (hrs.): 1035					
Total Purge Time (min.): 5 min					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: No OVA readings				N.A.	
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 8'-10'					
Sample Date & Time: 5-10-94 1040	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Observations / Notes:
Lab- volumetric
brown- turbid- cool water

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 6 of ____

COFC# 7VOL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW01-2 Source Location FC-TW01-2

	Purge Data				
Total Well Depth: 28'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 7.5'					
One Casing Volume: 1.4 gal.					
Start Purge (hrs.): 1125					
End Purge (hrs.): 1140					
Total Purge Time (min.): 15 min.					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: 20-32 ppm in well casing				N.A.	
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 24'-26'					
Sample Date & Time: 5-10-94 1145	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Observations / Notes:

Lab- volumetric

Brown - turbid - cool - water

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW
Page 7 of ____
COC# 7 VOL
By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name: CALVERTON
Project Site Number: 0206
NUS Source No.: FC-TW02-1
Source Location: FC-TW02-1

Total Well Depth: 10.5'	Purge Data				
Well Casing Size & Depth: 2" dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 7' 08"					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 1225					
End Purge (hrs.): 1230					
Total Purge Time (min.): 5 min					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: None				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 8'-10'					
Sample Date & Time: 5-10-94 1235	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab- volumetric; Tan- slightly turbid - cool - water				

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 8 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

COFC# 7 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW02-2 Source Location FC-TW02-2

	Purge Data				
Total Well Depth: 28'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 9'					
One Casing Volume: 1.3 gal					
Start Purge (hrs.): 1305					
End Purge (hrs.): 1325					
Total Purge Time (min.): 20 min					
Total Amount Purged (gal.): 4 gal					
Monitor Reading: none				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 24'-26'					
Sample Date & Time: 5-10-94 1330	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Observations / Notes:

Lab- volumetric

brown - turbid - cool - water

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 9 of ____

COC# 7VOL

By PD/TC

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW03-P Source Location FC-TW03-1

	Purge Data				
Total Well Depth: 10'					
Well Casing Size & Depth: 2"- dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 7.5'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 1450					
End Purge (hrs.): 1455					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2.5 gal					
Monitor Reading: None				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 8'-10'					
Sample Date & Time: 5-10-94 @ 1500	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Observations / Notes:

Lab- volumetric

light brown - turbid - cool water

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FC-TW1

Page A 10 of ____

CofC# 7 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW03-1-RB Source Location Rinsate Blank

Total Well Depth:	Purge Data				
Well Casing Size & Depth: NA	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):				N/A	
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/10/94 1520	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD/TR					

Signature(s): Paul Dai, [signature]

Observations / Notes:

Rinsate to Hold

Lot # F249

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 11 of ____

COFC# 8VOL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW03-2-T8 Source Location TRIP BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: N/A					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					

Sample Date & Time: 5/10/94 1555	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: PD				

Signature(s): Paul Dain

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB PREPARED

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 12 of ____

COC# 8VUL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name: CALVERTON

Project Site Number: 0206

NUS Source No.: FC-TW03-2

Source Location: FC-TW03-2

Total Well Depth: 30'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 7'					
One Casing Volume: 1.5 gal					
Start Purge (hrs.): 1540					
End Purge (hrs.): 1557					
Total Purge Time (min.): 17					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: None				N.A.	
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 26'-28'					
Sample Date & Time: 5-10-94 @ 1600	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab- volumetric brown - turbid - cool water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FC-TW

Page 13 of ____

C of C# 8VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW04-1 Source Location FC-TW04-1

Total Well Depth: 8.5'	
Well Casing Size & Depth: 2"-dia.	
Static Water Level: 6'	
One Casing Volume: 0.5 gal	
Start Purge (hrs.): 1635	
End Purge (hrs.): 1640	
Total Purge Time (min.): ~~2~~ 5 min	
Total Amount Purged (gal.): 2 gal 5-10-94	
Monitor Reading: 1.0 ppm	
Purge Method: hand bailer	
Sample Method: " "	
Depth Sampled: 6.5'-8.5'	
Sample Date & Time: 5-10-94 1645	
Sampled By: Paul Davis	
Signature(s): Paul Davis	

Purge Data

Volume	pH	S.C.	Temp. (°C)	Color & Turbidity

N.A.

Sample Data

pH	S.C.	Temp. (°C)	Color & Turbidity

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

Lab- volumetric

light brown - slight turbidity cool water

Analysis:	Preservative
SELECT Volatiles	Cool 4°C HCl pH<2

	Organic	Inorganic
Traffic Report #		
Tag #		
AB #		
Date Shipped		
Time Shipped		
Lab		
Volume		

N.A.

SAMPLE LOG SHEET

FC-TW

Page 14 of ____

COC# 8VOL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW04-2 & DUP Source Location FC-TW04-2 & FC-TW04-2-DU

	Purge Data				
Total Well Depth: 36'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 8'09"					
One Casing Volume: 1.4 gal.					
Start Purge (hrs.): 1715					
End Purge (hrs.): 1745					
Total Purge Time (min.): 30 min.					
Total Amount Purged (gal.): 4.5 gal					
Monitor Reading: 16 ppm in well casing				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 26-28'					
Sample Date & Time: 5-10-94 @ 1747	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- volumetric

light br. slight turbid cool water

Duplicate Sample

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FC-TW

Page 15 of ____

C of C# 8 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW05-1 Source Location FC-TW05-1

Total Well Depth: 9.5'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 7'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 0845					
End Purge (hrs.): 0850					
Total Purge Time (min.): 5 min					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: OVA peaked at 4.2 ppm - steady at 0.0 ppm				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 7.5'-9.5'					
Sample Date & Time: 5-11-94 @ 0854	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab - volumetric; light brown - slightly turbid - cool-water				

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FC-TW
Page 16 of ____
CofC# 8VOL
By PD/TR

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FC-TW05-2 Source Location FC-TW05-2

Total Well Depth: 30'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 7'					
One Casing Volume: 1.5 gal.					
Start Purge (hrs.): 0926					
End Purge (hrs.): 0941					
Total Purge Time (min.): 15 min.					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: 5.2 ppm in well casing				N.A.	
Purge Method: hand bail					
Sample Method: " "					
Depth Sampled: 28'-30'					
Sample Date & Time: 5-11-94 @ 0945	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Da

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
Lab- volumetric
brown - turbid - cool - water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

FC-TW
Page 17 of ____
C of C# 8 VOL
By PD/TR

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FC-TW06-1 Source Location FC-TW06-1

Total Well Depth: 7.0'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 4.5'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1035					
End Purge (hrs.): 1040					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2 gal.					
Monitor Reading: None				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 5-7'					
Sample Date & Time: 5-11-94 @ 1045	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
Lab- volumetric
light brown - slight turbidity - cool - water
ms/msd sample

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FC-TW1

Page 18 of ____

C of C# 8 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW06-2 Source Location FC-TW06-2

Total Well Depth: 25'	
Well Casing Size & Depth: 1"-dia.	
Static Water Level: 4'	
One Casing Volume: 1.4 gal.	
Start Purge (hrs.): 1110	
End Purge (hrs.): 1125	
Total Purge Time (min.): 15 min.	
Total Amount Purged (gal.): 4.5 gal	
Monitor Reading: 86 ppm in well casing	
Purge Method: hand bailer	
Sample Method: " "	
Depth Sampled: 23'-25'	
Sample Date & Time: 5-11-94 @ 1128	
Sampled By: Paul Davis	
Signature(s): Paul Davis	

Purge Data

Volume	pH	S.C.	Temp. (°C)	Color & Turbidity

N.A.

Sample Data

pH	S.C.	Temp. (°C)	Color & Turbidity

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

Lab- volumetric

brown - turbid - cool - water

Analysis:	Preservative
SELECT Volatiles	Cool 4°C HCl pH<2

	Organic	Inorganic
Traffic Report #		
Tag #		
AB #		
Date Shipped		
Time Shipped		
Lab		
Volume		

N.A.

SAMPLE LOG SHEET

FC-TW1
Page 1 19 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

C&C# 8 UUL

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW07-1 Source Location FC-TW07-1

Total Well Depth: 11'	Purge Data				
Well Casing Size & Depth: 2"- dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 8.5'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 1200					
End Purge (hrs.): 1203					
Total Purge Time (min.): 3 min.					
Total Amount Purged (gal.): 2 gal.					
Monitor Reading: None				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 9-11'					
Sample Date & Time: 5-11-94 @ 1205	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- volumetric

light tan - slightly turbid - cool - water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW
Page 20 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

COC# 8VUL

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW07-2 Source Location FC-TW07-2

Total Well Depth: 30'	Purge Data				
Well Casing Size & Depth: 1"- dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 7.5'					
One Casing Volume: 1.5 gal					
Start Purge (hrs.): 1233					
End Purge (hrs.): 1307					
Total Purge Time (min.): 34 min					
Total Amount Purged (gal.): 4.5 gal					
Monitor Reading: NO OVA Readings				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 25'-27'					
Sample Date & Time: 5-11-94 @ 1311	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab- volumetric brown- turbid. cool - water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FC-TW

Page 21 of ____

C of C# 8 VOL

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW07-2-RB Source Location Rinsate Blank

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: N/A					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):			N/A		
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/11/94 1505	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD/TK					

Signature(s): Paul Davis, Tony Royal

Observations / Notes:

Rinsate to Analize
Lot # F249

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N/A	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 22 of ____

COC# 9006

By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW06-1-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: N/A					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:				N.A.	
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5-12-94 1100	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: P.D.					

Signature(s): Paul [illegible]

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- volumetric

LAB PREPARED

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC TW

Page 23 of ____

COC# 9 VOC

By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name: CALVERTON Project Site Number: 0206

NUS Source No.: FC-TW08-1 Source Location: FC-TW08-1

	Purge Data				
Total Well Depth: 9.5'	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Well Casing Size & Depth: 2"-dia					
Static Water Level: 7'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1145					
End Purge (hrs.): 1150					
Total Purge Time (min.): 5 min					
Total Amount Purged (gal.): 2.5 gal					
Monitor Reading: None				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 7.0'-9.5'					

Sample Date & Time:	Sample Data			
5.12.94 1155	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: Paul Davis				

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- volumetric

light brown turbid cool water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 24 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

C of C# 9 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW08-2 Source Location FC-TW08-2

Total Well Depth: 30'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 6'08"					
One Casing Volume: 1.5 gal.					
Start Purge (hrs.): 1225					
End Purge (hrs.): 1245					
Total Purge Time (min.): 20 min.					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: 4.8 ppm in well casing				N.A.	
Purge Method: hand bail					
Sample Method: hand bail					
Depth Sampled: 26-28'					
Sample Date & Time: 5-12-94 @ 1248	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- volumetric

Brown - turbid - cool water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW
Page 25 of ____
COC# 9 VOL
By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FC-TW09-1 & FC-TW09-1-DU Source Location FC-TW09-1 & FC-TW09-1-DU

Total Well Depth: 8.5'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 6'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1400					
End Purge (hrs.): 1406					
Total Purge Time (min.): 6 min.					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: 26 ppm in well casing				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 6'-8'					
Sample Date & Time: 5-12-94 @ 1410	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab- Volumetric light tan - slightly turbid - oily sheen - cool - water Duplicate sample taken				

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FC-TW
Page 2C of ____
C of C# 9 VOL
By PD/TA

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FC-TW09-2 Source Location FC-TW09-2

Total Well Depth: 30'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 5'01"					
One Casing Volume: 1.6 gal					
Start Purge (hrs.): 1445					
End Purge (hrs.): 1500					
Total Purge Time (min.): 15 min					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: 8-32 ppm in well casing				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 25'-27'					
Sample Date & Time: 5-12-94 @ 1502	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
Lab- volumetric
brown - turbid - oily sheen - cool water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 27 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

C of C# 10 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW10-1-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: N/A					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:				N.A.	
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5-13-94 0745	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: P.D					

Signature(s): Paul D[illegible]

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- Volumetric

LAB PREPARED TRIP BLANK

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FC TW

Page 28 of ____

C of C# 10 VOC

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW10-1-RB Source Location Rinsate Blank

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: N/A					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:				N.A.	
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/13/94 0750	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: P.D./TR					

Signature(s): [signature] [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
Lab- Volumetric
Rinsate Blank to Hold
Lot # F249

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

FC-TW

Page 24 of ____

C of C# 10 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW10-1 Source Location FC-TW10-1

Total Well Depth: 8'	
Well Casing Size & Depth: 2"-dia.	
Static Water Level: 5.5'	
One Casing Volume: 0.5 gal.	
Start Purge (hrs.): 0755	
End Purge (hrs.): 0800	
Total Purge Time (min.): 5 min.	
Total Amount Purged (gal.): 2.5 gal	
Monitor Reading: 5.2 ppm in well casing	
Purge Method: hand bail	
Sample Method: " "	
Depth Sampled: 5.5'-7.5'	
Sample Date & Time: 5-13-94 @ 0805	
Sampled By: Paul Davis	
Signature(s): Paul Davis	

Purge Data

Volume	pH	S.C.	Temp. (°C)	Color & Turbidity

N.A.

Sample Data

pH	S.C.	Temp. (°C)	Color & Turbidity

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- volumetric

light brown moderate turbidity - oily sheen & odors

Analysis:	Preservative
SELECT Volatiles	Cool 4°C HCl pH<2

	Organic	Inorganic
Traffic Report #		
Tag #		
AB #		
Date Shipped		
Time Shipped		
Lab		
Volume		

N.A.

SAMPLE LOG SHEET

FC-TW

Page 30 of ____

COC# 10 UUC

By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW10-2 Source Location FC-TW10-2

	Purge Data				
Total Well Depth: 30'	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Well Casing Size & Depth: 1"-dia.					
Static Water Level: 8'08"					
One Casing Volume: 1.5 gal					
Start Purge (hrs.): 0845					
End Purge (hrs.): 0900					
Total Purge Time (min.): 15 min.					
Total Amount Purged (gal.): 4.5 gal					
Monitor Reading: 600-1000+ ppm in well casing				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 26'-28'					

Sample Date & Time: 5-13-94 @ 0905	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: Paul Davis				

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- volumetric

light brown - moderate turbidity - oily sheen odors

600-1000+ ppm in well casing

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 31 of ____

COFC# 10006

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW10-2-RB Source Location Rinsate Blank

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: N/A					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:				N.A.	
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5-13-94	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD/TR					

Signature(s): [signature]

Observations / Notes:

Lab- Volumetric
Rinsate to Analize
Lot # F249
Petro smell in Air

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 32 of ____

COFC# 11 VOL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW11-1-TB Source Location TRIP Blank

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: NA					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time:	Sample Data				
5/16/94 0730	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PP					
Signature(s): Paul [illegible]	Observations / Notes: Prepared by LAB				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW1

Page 33 of ____

COC# 11 VOC

By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name: CALVERTON

Project Site Number: 0206

NUS Source No.: FC-TW11-1

Source Location: FC-TW11-1

Total Well Depth: 8'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 5.5'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 0805					
End Purge (hrs.): 0815					
Total Purge Time (min.): 10					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: None				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 5-7'					
Sample Date & Time: 5-16-94 @ 0820	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab- volumetric light brown - mod. turbidity				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW1

Page 34 of ____

COC# 11UUL

By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name: CALVERTON

Project Site Number: 0206

NUS Source No.: FC-TW11-2

Source Location: FC-TW11-2

Total Well Depth: 30'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 6'					
One Casing Volume: 1.6 gal.					
Start Purge (hrs.): 0850					
End Purge (hrs.): 0915					
Total Purge Time (min.): 25					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: None				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 26'-28'					
Sample Date & Time: 5-16-94 @ 0920	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- volumetric

brown - turbid - cool - water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 35 of ____

COC# 11 VOL

By PD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW12-1 & FC-TW12-1-DU Source Location FC-TW12-1 & FC-TW12-1-DU

Total Well Depth: 8'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 5.5'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 1000					
End Purge (hrs.): 1005					
Total Purge Time (min.): 5					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: 110 ppm in well casing				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 5-7'					
Sample Date & Time: 5-16-94 @ 1010	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- volumetric

light brown - moderate turbidity - oily sheen - petrol. odors

Duplicate sample taken.

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW1

Page 36 of ____

COFC# 11 VOL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name: CALVERTON

Project Site Number: 0206

NUS Source No.: FC-TW12-2

Source Location: FC-TW12-2

Total Well Depth: 30'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 6'					
One Casing Volume: 1.6 gal					
Start Purge (hrs.): 1043					
End Purge (hrs.): 1116					
Total Purge Time (min.): 33 min.					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: 38 ppm in well casing				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 26'-28'					
Sample Date & Time: 5-16-94 @ 1120	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

Lab- volumetric

Tan- moderate turbidity - oily

Sheen - petrol. odors

ms/msd taken

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 37 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 15VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW13-1 Source Location FC-TW13-1

Total Well Depth: 11.5'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 9'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1121					
End Purge (hrs.): 1125					
Total Purge Time (min.): 4 min.					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: 1.0 ppm in well casing					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 9-11					
Sample Date & Time: 5-23-94 @ 1129	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Tan - moderate turbidity

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 38 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoC# 15VOC

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW 13-2 Source Location FC-TW 13-2

Total Well Depth: 30'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 8.5'					
One Casing Volume: 1.5 gal					
Start Purge (hrs.): 1150					
End Purge (hrs.): 1210					
Total Purge Time (min.): 20 min.					
Total Amount Purged (gal.): 5 gal				N.A.	
Monitor Reading: NONE					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 25-28'					
Sample Date & Time: 5-23-94 @ 1215	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

light brown turbid water

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	N.A.	
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 39 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 15UUL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW14-1 Source Location FC-TW14-1

Total Well Depth: 14'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 11'10"					
One Casing Volume: 0.4 gal					
Start Purge (hrs.): 1306					
End Purge (hrs.): 1311					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: 1.2 ppm in well casing					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 11'-14'					
Sample Date & Time: 5-23-94 @ 1316	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Tan - moderate turbidity

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 40 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 25VOC

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW14-2 Source Location FC-TW14-2

Total Well Depth: 35'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 11.5'					
One Casing Volume: 1.6 gal					
Start Purge (hrs.): 1350					
End Purge (hrs.): 1415					
Total Purge Time (min.): 25					
Total Amount Purged (gal.): 5					
Monitor Reading: NONE					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 31-34'					
Sample Date & Time: 5-23-94 @ 1420	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab-volumetric light brown moderate turbidity				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

N.A.

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page [illegible] of ____

CofC# 15 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW15-1 Source Location FC-TW15-1

Total Well Depth: 9.5'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 7'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1529					
End Purge (hrs.): 1534					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2.5				N.A.	
Monitor Reading: None					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 7'-9'					
Sample Date & Time: 5.23.94 @ 1538	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Tan - moderate turbidity

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	N.A.	
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FC-TW
Page 42 of ____
C of C# 15 VOC
By PD/TR

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FC-TW15-1-RB Source Location FC-TW15-1-RB

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):				N.A.	
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5-23-94 @ 1550	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD & T.R.					

N.A.

Signature(s): Paul Davis

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
LAB VOLUMETRIC

Rinsate Blnk.

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 43 of ____

COFC# 15 UUC

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW 15-2 Source Location FC TW15-2

Total Well Depth: 30'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 6.5'					
One Casing Volume: 1.6 gal					
Start Purge (hrs.): 1603					
End Purge (hrs.): 1629					
Total Purge Time (min.): 26				N/A	
Total Amount Purged (gal.): 5					
Monitor Reading: 0.2 ppm in well casing					
Purge Method: hydrbailer					
Sample Method: " "					
Depth Sampled: 24-27'					
Sample Date & Time: 5-23-94 @ 1633	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: Lab - volumetric orange brown turbid water				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	N/A	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 44 of ____

COFC# 15UUL

By TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON

Project Site Number 0206

NUS Source No. FC-TW15-2-FB1

Source Location FIELD BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5-24-94 0820	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR					

Signature(s): [signature]

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

DI H_2O

Lot # F249

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

FC-TW

SAMPLE LOG SHEET

Page 45 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 15U0L

By TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW15-2-FB2 Source Location FIELD BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: NA					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					

Sample Date & Time: 5-24-94 0833	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: TR				

Signature(s): [signature]

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

BEFORE Plant Filtration System FROM WELLS #1 & #2

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 46 of ____

CoFC# 75 VOC

By TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW15-2-F83 Source Location FIELD BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
NA					
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):				NA	
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					

Sample Date & Time:	Sample Data			
5-24-94 0837	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: TK				

Signature(s): [signature]

Observations / Notes:

Driller's Source H_2O
After Plant Facilities Filtration System

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	NA	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW47

Page 47 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

C of C# 18 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW16-1-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: NA					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 6-15-94 1440	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD					

Signature(s): Paul M. D[illegible]

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC
LAB PREPARED

Split SAMPLE SHIPPED to RECRA ☐ C of C# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW
Page A48 of ____

Halliburton NUS CORPORATION

☐ Monitoring Well Data
☐ Domestic Well Data
■ Other TEMPORARY WELL

CofC# 18 VOL & 40 RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FC-TW16-1 Source Location FC-TW16-1

Total Well Depth: 9'06"	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 6'08"					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1441					
End Purge (hrs.): 1444					
Total Purge Time (min.): 3					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: None					
			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 6-9'					
Sample Date & Time: 6-15-94 1448	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
■ Low Concentration
☐ High Concentration
☐ Grab
☐ Composite
☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

light brown - moderate turbidity

Split SAMPLE SHIPPED to RECRA ☑ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 49 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 18VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW16-2 Source Location FC-TW16-2

	Purge Data				
Total Well Depth: 30'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 7'					
One Casing Volume: 1.5 gal					
Start Purge (hrs.): 1523					
End Purge (hrs.): 1553					
Total Purge Time (min.): 30					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: 56 ppm in well casing			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 27'-30'					
Sample Date & Time: 6-15-94 1557	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Brown turbid water

Duplicate taken

Split SAMPLE SHIPPED to RECRA ☐ CoFC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW
Page 50 of ____

Halliburton NUS CORPORATION

☐ Monitoring Well Data
☐ Domestic Well Data
■ Other TEMPORARY WELL

CofC# 18VOL & 40 RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FC-TW17-1 Source Location FC-TW17-1

Total Well Depth: 10.5'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 8'03"					
One Casing Volume: 0.4 gal					
Start Purge (hrs.): 1630					
End Purge (hrs.): 1635					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: 110 ppm in well casing			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 8-10'					
Sample Date & Time: 6-15-94 1640	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
■ Low Concentration
☐ High Concentration
☐ Grab
☐ Composite
☐ Grab - Composite

Observations / Notes:

Duplicate for RECRA

LAB VOLUMETRIC
light brown - sheen - mod. turbid.

Split SAMPLE SHIPPED to RECRA ☑ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW

Page 51 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 18 VUL & 40 RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW17-2 Source Location FC-TW17-2

	Purge Data				
Total Well Depth: 30'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 7'					
One Casing Volume: 1.5 gal					
Start Purge (hrs.): 1710					
End Purge (hrs.): 1735					
Total Purge Time (min.): 25 min.					
Total Amount Purged (gal.): 5					
Monitor Reading: 80 ppm in well casing			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 23-30'					

Sample Date & Time: 6-15-94 1740	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: Paul Davis				

Signature(s): Paul D

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

MS/MSD for Recra

LAB VOLUMETRIC

Brown - turbid - water - sheen

Split SAMPLE SHIPPED to RECRA ☑ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FC-TW 52 of ____

CofC# 18 VOL & 4 G RECRA

By TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW17-2-RB Source Location RINSATE BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: NA					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 6-15-94 1750	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR					

Signature(s):

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

RINSATE to Analize
Lot# F249

Split SAMPLE SHIPPED to RECRA ☑ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FC-TW 53 of ____

CoFC# 18 VOL

By TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW18-1-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time:	Sample Data				
6-16-94 0730	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: TR					
Signature(s):	Observations / Notes:				

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

LAB VOLUMETRIC
LAB PREPARED

Split ~~SAMPLE SHIPPED to~~ RECRA ☐ CoFC# ~~RECRA~~ TR

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FC-TW54

Page ____ of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 40 RECRA

By TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW18-1-TB Source Location TRIP BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					

Sample Date & Time: 6-16-94 0735	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: TR				

Signature(s):

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

~~LAB VOLUMETRIC~~ (TR)

RECRA LAB PREPARED

~~Split~~ (TR) SAMPLE SHIPPED to RECRA ☐ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FC-TW55 of ____

CofC# 18 VOL

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW18-1 Source Location FC-TW18-1

Total Well Depth: 11'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 8.5'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 0823					
End Purge (hrs.): 0826					
Total Purge Time (min.): 3					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: none			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 8-11'					
Sample Date & Time: 6-16-94 0829	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

light brown - slight turbidity

Split SAMPLE SHIPPED to RECRA ☐ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

Page FC-TW5C of ____

C of C# 18VOL & 40RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FC-TW18-2 Source Location FC-TW18-2

Total Well Depth: 30'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 8'02"					
One Casing Volume: 1.5 gal					
Start Purge (hrs.): 0900					
End Purge (hrs.): 0928					
Total Purge Time (min.): 28.					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: None			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 26-29'					
Sample Date & Time: 6-16-94 0932	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Brown turbid water

Split SAMPLE SHIPPED to RECRA ☑ C of C# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SITE 6A

GROUNDWATER

SAMPLE LOG SHEET

FC-GW

Page 9 of ____

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

CofC# RECRA GW#0

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW01-S Source Location SITE 6A FC-MW01-S

	Purge Data					
Total Well Depth: 17.16' TPVC						
Well Casing Size & Depth: 4" Ø 17.16'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	5.90	.378	17.5	Lt. TANISH	870
Static Water Level: 9.10'	1	6.04	.317	17.2	TANISH	999
One Casing Volume: 20L	2	5.92	.289	17.2	"	999
Start Purge (hrs.): 1432	3	5.98	.297	17.3	"	999
End Purge (hrs.): 1450	4					
Total Purge Time (min.):	5					
Total Amount Purged (gal.):	6					
Monitor Reading: OVA = 0ppm @ 1427 Hrs						
Purge Method: S.S. BAILER						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 8-29-94 1453	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD / VS / TR	5.98	.297	17.3	TANISH	999

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

172

SAMPLE LOG SHEET

FC-GW

Page 9 of ____

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

CofC# RECRA GW#03

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW01-S Source Location SITE 6A FC-MW01-S

Total Well Depth: 17.16' TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 17.16'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	5.90	.378	17.5	Lt. TANISH	870
Static Water Level: 9.10'	1	6.04	.317	17.2	TANISH	999
One Casing Volume: 20L	2	5.92	.289	17.2	"	999
Start Purge (hrs.): 1432	3	5.98	.297	17.3	"	999
End Purge (hrs.): 1450	4					
Total Purge Time (min.):	5					
Total Amount Purged (gal.):	6					
Monitor Reading: OVA = 0ppm @ 1427 Hrs						
Purge Method: S.S. BAILER						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 8-29-94 1453	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD / VS / TR	5.98	.297	17.3	TANISH	999

Signature(s): [signatures]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FT-GW
Page 1 of ____

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

CofC# RECRA GW#0

By TR

36' 11½"

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FT-GW07-S Source Location SITE 2 MW07-S

Total Well Depth: 36.96' TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 36.96'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	5.13	.090	11.6	Cloudy-Lt.	45
Static Water Level: 29.86	1	4.94	.087	11.3	TAN	950
One Casing Volume: 18L	2	4.88	.088	11.1	"	775
Start Purge (hrs.): 0955	3	4.81	.088	11.1	"	615
End Purge (hrs.): 1014	4					
Total Purge Time (min.): 19	5					
Total Amount Purged (gal.): 54L	6					
Monitor Reading: OVA = 0 ppm @ 0954						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time:	Sample Data				
8-31-94 1015	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR	4.81	.088	11.1	TAN	615

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.

WEST MOST WELL ON PERIMETER ROAD.

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIALS	✓		
TCL Semivolatiles PCB/PESTICIDES	4°C; —	(3) Amber Glass	✓		
TAL METALS	4°C; HNO_3 ≤2pH	1L PE	✓		
CYANIDE	4°C; NaOH ≥12pH	16oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FC-GW

Page 10 of ____

Halliburton NUS CORPORATION

60' 1½"

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

C of C# RECRA GW #05

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW01-I Source Location SITE 6A FC-MW01-I

Total Well Depth: 60.12' TPVC	Purge Data						
Well Casing Size & Depth: 4" Ø 60.12'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.83	.258	15.1	Clear	9
Static Water Level: 8.95	1	6.70	.241	15.0	Grayish	542
One Casing Volume: 34 gal	2	6.43	.216	15.0	Grayish Brn	383
Start Purge (hrs.): 1440	3	6.28	.205	14.9	Lt. Grayish	104
End Purge (hrs.): 1409	4					
Total Purge Time (min.): 9	5					
Total Amount Purged (gal.): 105 gal	6					
Monitor Reading: OVA - 0.4 ppm @ 1427 Hrs						
Purge Method: TEEL Pump						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 8-29-94 1500	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR/ [signature]	6.28	.205	14.9	Lt. Greyish	104

Signature(s): [signature] Paul M. [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

FC-GW
Page 11 of ____

■ Monitoring Well Data
☐ Domestic Well Data
☒ Other Rinsate Blank

CofC# RECRA GW#05

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FC-GW01-I-RB Source Location SITE 6A Rinsate Blank

Total Well Depth: ~~TPVC~~	Purge Data					
Well Casing Size & Depth: 4"Ø —	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I					
Static Water Level: —	1					
One Casing Volume: —	2					
Start Purge (hrs.): —	3					
End Purge (hrs.): —	4					
Total Purge Time (min.): —	5					
Total Amount Purged (gal.): —	6					
Monitor Reading: —						
Purge Method: —						
Sample Method: S.S. Bailer						
Depth Sampled: —						

NA

Sample Date & Time: 08-29-94 1515	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS					

Signature(s): [signature] Paul M. [signature]

Type of Sample
■ Low Concentration
☐ High Concentration
■ Grab
☐ Composite
☐ Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.
Lot II
F249
Rinsate BLANK

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

15.3 3/4"

Halliburton NUS CORPORATION

SAMPLE LOG SHEET

FC-GW

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

CofC# RECRA GW#06 & 0

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW02-S & DUP Source Location SITE 6A MW02-S

Total Well Depth: 15.32' TPVC	Purge Data					
Well Casing Size & Depth: 4" Ø 15.32'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	5.76	.486	20.1	TANISH	349
Static Water Level: 9.06'	1	6.23	.380	19.7	"	999
One Casing Volume: 15L	2	6.21	1378	19.4	"	999
Start Purge (hrs.): 0800	3	6.18	.370	19.4	"	900
End Purge (hrs.): 0812	4					
Total Purge Time (min.): 12	5					
Total Amount Purged (gal.): 45L	6					
Monitor Reading: OVA - 800 ppm @0740						
Purge Method: S.S Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 08-30-94 0815	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: VS/PD/TR	6.18	.370	19.4	TANISH	700

Signature(s): [illegible]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations/ Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.
FUEL ODOR

DUP & ENG.
FC-GW02-S-DU-01

CHECK FOR PRODUCT w/ KECIC & CLEAR BAILER - NO PRODUCT BUT w/ oily SHEEN

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓	✓	✓
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓	✓	✓
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓	✓	✓
TSS / TDS	4°C; —	1L PE	✓	✓	
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE	✓	✓	
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE	✓	✓	
BOD	4°C; —	1L PE	✓	✓	
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE	✓	✓	

SAMPLE LOG SHEET

FC-GW

Halliburton NUS CORPORATION

53'10½"

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

CofC# RECRA GW# 06 &

By TK

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW02-I Source Location SITE 6A MW02-I

	Purge Data					
Total Well Depth: 53.85' TPVC						
Well Casing Size & Depth: 4"Ø 53.85'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	7.12	.377	16.0	Cloudy	10
Static Water Level: 8.54	1	6.98	.318	15.8	TAN	993
One Casing Volume: 30 gal	2	6.57	.241	15.6	TANISH	598
Start Purge (hrs.): 0840	3	6.38	.223	15.6	"	180
End Purge (hrs.): 0850	4	6.34	.218	15.5	"	380
Total Purge Time (min.): 10	5					
Total Amount Purged (gal.): 120 gal	6					
Monitor Reading: OVA = 1.75 ppm @ 0740						
Purge Method: TEEL Pump						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 08-30-94 0855	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR	6.34	.218	15.5	TANISH	380

Signature(s): [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

ENG.

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE	✓		
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE	✓		
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE	✓		
BOD	4°C; —	1L PE	✓		
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE	✓		

SAMPLE LOG SHEET

FC-GW
Page 12 of 14

Halliburton NUS CORPORATION

■ Monitoring Well Data
☐ Domestic Well Data
☒ Other TRIP BLANK

CofC# RECRA GW #06

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FC-GW02-S-TB Source Location SITE 6A TRIP BLANK

Total Well Depth: TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
Static Water Level: NA	I					
One Casing Volume:	1					
Start Purge (hrs.):	2					
End Purge (hrs.):	3					
Total Purge Time (min.):	4					
Total Amount Purged (gal.):	5			NA		
Monitor Reading:	6					
Purge Method:						
Sample Method: S.S. Bailer						
Depth Sampled: —						
Sample Date & Time: 08-30-94 0800	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: TR/LAB						

Signature(s):

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ■ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.
LAB PREPARED TRIP BLANK

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓ TR		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE			
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FC-GW
Page 2 of ____

Halliburton NUS CORPORATION

■ Monitoring Well Data
☐ Domestic Well Data
☐ Other ____

CofC# RECRA GW#04

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FC-GW03-S Source Location SITE 6A MW03-S

Total Well Depth: 15.79 TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 15.79	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.61	.413	21.3	GRAYISH BRN	575
Static Water Level: 8.70	1	6.24	.425	21.3	"	650
One Casing Volume: 18L	2	6.25	.419	21.4	"	345
Start Purge (hrs.): 1023	3	6.25	.418	21.4	"	200
End Purge (hrs.): 1034	4					
Total Purge Time (min.): 11	5					
Total Amount Purged (gal.): 54L	6					
Monitor Reading: OVA = 1.8ppm@1018 HrS						
Purge Method: S. S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 08-26-94 1035	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR	6.25	.418	21.4	GRAYISH BRN	200

Signature(s): [signature]

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.
NO PRODUCT W/ KECK INTERFACE PROBE
slight sheen (oily); FUEL ODOR

Type of Sample
■ Low Concentration
☐ High Concentration
■ Grab
☐ Composite
☐ Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other Rinsate

FC-GW
Page 3 of ____
C of C# RECRA GW #04
By TK

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FC-GW03-S-RB Source Location SITE 6A Rinsate

Total Well Depth: ~~TPVC~~	Purge Data					
Well Casing Size & Depth: 4"Ø —	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I					
Static Water Level: —	1					
One Casing Volume: —	2					
Start Purge (hrs.): —	3					
End Purge (hrs.): —	4					
Total Purge Time (min.): —	5					
Total Amount Purged (gal.): —	6					
Monitor Reading: —						
Purge Method: —						
Sample Method: S.S. Bailer						
Depth Sampled: —						
Sample Date & Time: 08-26-94 1110	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: [signature] VS/PD						
Signature(s): [signature]	Observations / Notes: SHIPPED TO RECRA ENVIRONMENT, INC. Rinsate of S.S. Bailer Lot # F249					

N/A

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓ TK		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FC-GW

Page 7 of ____

C of C# RECRA GW #05

By TR

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW04-S Source Location SITE 6A FC-MW04-S

Total Well Depth: 15.25' TPVC	Purge Data					
Well Casing Size & Depth: 4" Ø 15.25'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	5.95	.167	17.7	Tanish	776
Static Water Level: 7.44'	1	6.07	.185	17.7	"	999
One Casing Volume: 20L	2	6.09	.194	17.6	"	999
Start Purge (hrs.): 1257	3	6.10	.188	17.6	"	999
End Purge (hrs.): 1313	4					
Total Purge Time (min.): 16	5					
Total Amount Purged (gal.): 60L	6					
Monitor Reading: OVA: 0ppm @ 1250 hrs						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 8/29/94 1315	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: VS/PD/TR	6.10	.188	17.6	Tanish	999

Signature(s): [signature] Paul M. Dix [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FC-GW

Page 8 of ____

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

CofC# RECRA GW#05

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW04-I Source Location SITE 6A FC-MW04-I

Total Well Depth: 52.08' TPVC	Purge Data					
Well Casing Size & Depth: 4" Ø 52.08'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.95	.267 (TR)	14.7	~~Cloudy~~ Clear (TR)	746 (TR)
Static Water Level: 7.55'	1	6.83	.295	14.4	Grayish	632
One Casing Volume: 30 gal	2	6.65	.267	14.1	"	169
Start Purge (hrs.): 1300	3	6.47	.255	14.1	CLEAR	21
End Purge (hrs.): 1310	4					
Total Purge Time (min.): 10	5					
Total Amount Purged (gal.): 90 gal	6					
Monitor Reading: OVA = 0.ppm @ 1250 Hrs						
Purge Method: TEAL Pump						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 8/29/94 1325	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: VS/RO/TR	6.47	.255	14.1	CLEAR	21

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FC-GW

Page 1 of ____

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TRIP BLANK

CofC# RECRA GW #03

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW04-S-TB Source Location SITE 6A

Total Well Depth: TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I					
Static Water Level: NA	1					
One Casing Volume: NA	2					
Start Purge (hrs.):	3					
End Purge (hrs.):	4					
Total Purge Time (min.):	5					
Total Amount Purged (gal.):	6					
Monitor Reading:			NA			
Purge Method:						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 8/31/94 0800	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: TR					

Signature(s):

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

TRIP BLANK - LAB PREPARED.

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE			
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

18.54

Halliburton NUS CORPORATION

SAMPLE LOG SHEET

FC-GW

Page 5 of ____

C of C# RECRA GW#05

By TR

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW05-S Source Location SITE 6A MW05-S

Total Well Depth: 18.54 TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 18.54	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	5.53	.157	16.2	Tanish	520
Static Water Level: 10.67'	1	5.85	.134	16.0	"	744
One Casing Volume: 20L	2	5.89	.136	15.2	"	479
Start Purge (hrs.): 1050	3	5.88	.142	15.1	"	351
End Purge (hrs.):	4					
Total Purge Time (min.):	5					
Total Amount Purged (gal.):	6					
Monitor Reading: OVA @ 1045 Hrs 0ppm						
Purge Method: S.S Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 08/29/94 1116	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR	5.88	.142	15.1	TANISH	351

Signature(s): [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FC-GW

Page 4 of ____

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TRIP BLANK

CofC# ~~RWRA~~ (TR) RECRA GW III

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW 05-S TB Source Location SITE 6A TRIP BLANK

Total Well Depth: — TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø —	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I					
Static Water Level: —	1					
One Casing Volume: —	2					
Start Purge (hrs.): —	3					
End Purge (hrs.): —	4					
Total Purge Time (min.): —	5					
Total Amount Purged (gal.): —	6		NR			
Monitor Reading: —						
Purge Method: —						
Sample Method: S.S. Bailer (TR)						
Depth Sampled: —						
Sample Date & Time: 08/29/94 0800	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: TR / LAB						
Signature(s): [signature]	Observations / Notes: SHIPPED TO RECRA ENVIRONMENT, INC. LAB PREPARED TRIP BLANK					

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓ (TR)		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE			
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FC-GW
Page 6 of ____

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

C of C# RECRA GW #05

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW05-I Source Location SITE 6A MW05-I

Total Well Depth: 59.89 TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 59.89	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.20	.232	14.4	Tanish	56
Static Water Level: 9.96'	1	6.80	.305	13.4	Greyish	575
One Casing Volume: 33 gal	2	6.53	.265	12.9	Clear	-2
Start Purge (hrs.): 1058	3	6.35	.255	12.8	Clear	-5
End Purge (hrs.): 1110	4					
Total Purge Time (min.): 12 min	5					
Total Amount Purged (gal.): 100 gal	6					
Monitor Reading: OVA = 0 ppm @ 1045						
Purge Method:						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 08-29-94 1119	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/[illegible]	6.35	.255	12.8	Clear	-5

Signature(s): [signature] Paul M. Davis [signature]

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FC-GW

Page 1 of ____

Halliburton NUS CORPORATION

21.21

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other ____

CofC# RECRA GW #09

By TK

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FC-GW06-S Source Location SITE 6A MW06-S

Total Well Depth: 21.21' TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 21.21'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.89	.355	16.1	~~BR~~ TANGH	530
Static Water Level: 12.57	1	6.86	.324	16.4	"	470
One Casing Volume: 22L	2	6.87	.320	16.7	"	430
Start Purge (hrs.): 0950	3	6.75	.319	16.0	"	395
End Purge (hrs.): 1005	4					
Total Purge Time (min.): 15	5					
Total Amount Purged (gal.): 66L	6					
Monitor Reading: OVA = 0ppm @ 0945 HRS						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 08-26-94 1005	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD / VS / TR	6.75	.319	16.0	TANISH	395

Signature(s): [illegible]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SITE 7

SUBSURFACE SOIL

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

FUEL DEPOT AREA
SITE 7

☐ SURFACE SOIL
■ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

SAMPLERS SIGNATURE Paul Dan

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)GRAB (C)COMPOSITE	ANALYSES: TCL VOLATILES	SEMI VOLATILES	LEAD						No. OF CONT TOTAL	SOIL DESCRIPTION
FD-SB01-1214	SS	12-14'	4/27/94	1241	PD	L	G	1	1	1						3	Light BRN; FINE GRAIN SAND W/ TRACE SUBROUND PEBBLES WET; 0 ppm OVA
FD-SB01-1416		14-16'		1246	PD			1	1	1						3	Light BRN; FINE-MED GRAIN SAND SATURATED; 0 ppm OVA
FD-SB02-0507		5-7'		1354	PD			1	1	1						3	Light BRN; FINE GRAIN SAND Moist; 14 ppm OVA
FD-SB02-1517		15-17'		1422	PD			1	1	1						3	Light BRN; MED GRAIN SAND W/ SUBROUND PEBBLES; SATURATED 0.2 ppm OVA
FD-SB03-1214		12-14'		1609	PD			1	1	1						3	Light BRN; FINE-MED GRAIN SAND Moist 0.2-0.8 ppm OVA
FD-SB03 1416		14-16'		1617	PD			1	1	1						3	DU MS/MSD/LD; Light BRN, FINE-MED GRAIN SAND, SATURATED, 96 ppm OVA
FD-SB03-1416-DU		14-16'		1617	PD			1	1	1						3	DUP OF ABOVE SAMPLE

REMARKS: SHIPPED U.A FED EXPRESS
AB# 5734377825
4/28/94 @ 1100 HRS.
COFC #20 ECKA

LAB: SHIPPED TO ECKA ENV. FOR ANALYSIS

HH. LINDA SHAFERNICH

ACAD: FORMS\LOG DWG 2/11/93

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

FUEL DEPOT AREA
SITE 7

PAGE FD2 OF 3

☐ SURFACE SOIL
☐ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

SAMPLERS SIGNATURE [signature]

SITE NAME CALVERTON NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)GRAB (C)COMPOSITE	ANALYSES: TCL VOLATILES	SEMI-VOLATILES	LEAD						No. OF CONT TOTAL	SOIL DESCRIPTION	OVA READING
FD-SB04-1315-TB	LAB	-	5/25/94	0730	PD	L	G	2								2	TRIP BLANK	—
FD-SB04-1315	SPLIT SPOON	13-15'	↓	0825	PD	L	G	1	1	1						3	Light BRN; FINE GRAIN SAND + trace MED GRAIN SAND, moist	20 ppm
FD-SB04-1517	"	15-17'		0831	PD	L	G	1	1	1						3	↓ SATURATED	100 ppm
FD-SB04-1517-RB	TRULEY	-		1640	PD	L	G	2	2	1						5	RINSATE to "HOLD"	—

REMARKS: SHIPPED VIA FED. EX. AB# 5739377873
SHIPPED 5/25/94 ~1800 HRS
COC # 30 RECRA

LAB: SHIPPED to RECRA ENVIRONMENT
FOR ANALYSIS

Attn LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93 MB

HALLIBURTON NUS
Environmental Corporation

SAMPLE LOG SHEET

FUEL DEPOT AREA
SITE 7

PAGE FD3 OF 3

☐ SURFACE SOIL
■ SUBSURFACE SOIL
☐ SEDIMENT
☐ LAGOON/POND
☐ OTHER

SAMPLERS SIGNATURE [signature]

SITE NAME CALVERTON, NWIRP

SITE NUMBER 0206

SAMPLE No.	SAMPLE METHOD	DEPTH (FT)	DATE	TIME	SAMPLED BY	CONCENTRATION (L)LOW (H)HIGH	(G)RAB (C)COMPOSITE	ANALYSES: TCL VOLATILES	SEMI-VOLATILES	LEAD						No. OF CONT TOTAL	SOIL DESCRIPTION
FD-SB04-1517-TB	LAB	—	5/27/94	0755	TR	L	G	2								2	TRIP BLANK
FD-SB04-1517-FB1	DI	—	↓	0800	"	↓	↓	2								2	DI WATER Lot # F249 FIELD BLANK
FD-SB04-1517-FB2	TAP	—	↓	0850	"	↓	↓	2	2	1						5	DRILLER'S SOURCE H2O From AFTER Plant Filtration system

REMARKS: SHIPPED VIA FED.EX. AB # 5739378024
5-27-94 @ ≈ 1100 HRS
C.O.F.C # 33 RECRA

LAB: SHIPPED to RECRA ENVIRONMENT FOR ANALYSIS

Attn. LINDA SHAFERNICH

ACAD: FORMS\LOG.DWG 2/11/93 MB

SITE 7

TEMPORARY WELLS

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

FD-TW

Page 1 of ____

COC# 11 VOC

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW01-1 Source Location FD-TW01-1

Total Well Depth: 18'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 15.5'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1345					
End Purge (hrs.): 1355					
Total Purge Time (min.): 10 min.					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: None to 0.2 ppm				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 15-17'					
Sample Date & Time: 5-16-94 @ 1358	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Observations / Notes:

Lab - volumetric

Tan - moderate turbidity

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FD-TW1

Page 2 of ____

COFC# 11 VOL

By FD/TA

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW01-2 Source Location FD-TW01-2

Total Well Depth: 38'	
Well Casing Size & Depth: 1"-dia.	
Static Water Level: 14'10"	
One Casing Volume: 1.5 gal	
Start Purge (hrs.): 1440	
End Purge (hrs.): 1503	
Total Purge Time (min.): 23	
Total Amount Purged (gal.): 4.5 gal	
Monitor Reading: 38 ppm in well casing	
Purge Method: hand bailer	
Sample Method: " "	
Depth Sampled: 35'-36'	
Sample Date & Time: 5-16-94 @ 1505	
Sampled By: Paul Davis	
Signature(s): Paul Davis	

Purge Data

Volume	pH	S.C.	Temp. (°C)	Color & Turbidity

N.A.

Sample Data

pH	S.C.	Temp. (°C)	Color & Turbidity

Observations / Notes:

Lab- volumetric

Brown - turbid - cool - water

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative
SELECT Volatiles	Cool 4°C HCl pH<2

	Organic	Inorganic
Traffic Report #		
Tag #		
AB #		
Date Shipped		
Time Shipped		
Lab		
Volume		

N.A.

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

FD-TW
Page 3 of ____
C of C# 11 VOL
By PD/TK

Project Site Name CALVERTON Project Site Number 0206
NUS Source No. FD-TW01-2-RB Source Location RINSATE BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: NA					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5/16/94 1550	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD/TK					

Signature(s): [signature] [signature]

Observations / Notes:

Rinsate Blank
Lot # F249 DI H_2O

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FD-TW

Page 4 of ____

COC# 12 UUL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON

Project Site Number 0206

NUS Source No. FD-TW02-1-TB

Source Location Trip Blank

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: NP					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):				N.A.	
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					

Sample Date & Time:	Sample Data			
5/17/94 0730	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: PD				

Signature(s):

Observations / Notes:

LAB VOLUMETRIC

TRIP BLANK

LAB PREPARED

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	N A	
		Lab		
		Volume		

SAMPLE LOG SHEET

FD-TW

Page 5 of ____

COC# 12 UUL

By FD/TK

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name: CALVERTON

Project Site Number: 0206

NUS Source No.: FD-TW02-1

Source Location: FD-TW02-1

	Purge Data				
Total Well Depth: 18'					
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 15.5'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 0830					
End Purge (hrs.): 0835					
Total Purge Time (min.): 5					
Total Amount Purged (gal.): 1.5 gal					
Monitor Reading: None				N.A.	
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 15-18'					
Sample Date & Time: 5-17-94 @ 0840	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Observations / Notes:

Lab- volumetric

Light brown - moderate turbidity

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #	N.A.	
		Date Shipped		
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FD-TW

Page 6 of ____

C of C# 12 Line

By FD/TA

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW02-2 Source Location FD-TW02-2

Total Well Depth: 38'	
Well Casing Size & Depth: 1"-dia.	
Static Water Level: 14.5'	
One Casing Volume: 1.6 gal	
Start Purge (hrs.): 0920	
End Purge (hrs.): 0950	
Total Purge Time (min.): 30	
Total Amount Purged (gal.): 5	
Monitor Reading: 22 ppm in well casing	
Purge Method: hand bailer	
Sample Method: " "	
Depth Sampled: 35'-37'	
Sample Date & Time: 5-17-94 @ 0955	
Sampled By: Paul Davis	
Signature(s): Paul Davis	

Purge Data

Volume	pH	S.C.	Temp. (°C)	Color & Turbidity

N.A.

Sample Data

pH	S.C.	Temp. (°C)	Color & Turbidity

Observations / Notes:

Lab- volumetric

brown - turbid - cool - water

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative
SELECT Volatiles	Cool 4°C HCl pH<2

	Organic	Inorganic
Traffic Report #		
Tag #		
AB #		
Date Shipped		
Time Shipped		
Lab		
Volume		

N.A.

SAMPLE LOG SHEET

FD-TW

Page 7 of ____

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

CofC# 12 VOL

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW03-1 Source Location FD-TW03-1

Total Well Depth: 16.5'	Purge Data				
Well Casing Size & Depth: 2"- dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 14'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 1120					
End Purge (hrs.): 1123					
Total Purge Time (min.): 3					
Total Amount Purged (gal.): 2				N.A.	
Monitor Reading: None					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 14'-16'					
Sample Date & Time: 5.17-94 @ 1125	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

light brown - moderate turbidity - cool - water

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

FD-TW

SAMPLE LOG SHEET

Page 8 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 12 vol

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW03-2 Source Location FD-TW03-2

Total Well Depth: 38'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 13'					
One Casing Volume: 1.6 gal					
Start Purge (hrs.): 1200					
End Purge (hrs.): 1220					
Total Purge Time (min.): 20 min					
Total Amount Purged (gal.): 5 gal				N.A.	
Monitor Reading: None					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 35-37'					
Sample Date & Time: 5.17.94 @ 1225	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Observations / Notes:

LAB VOLUMETRIC

brown turbid cool water

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FD-TW1

Page 9 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

COC# 12 UNC

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW04-1 & FD-TW04-1-DU Source Location FD-TW04-1 & FD-TW04-1-DU

Total Well Depth: 17'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 14.5'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1420					
End Purge (hrs.): 1425					
Total Purge Time (min.): 5 min					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: NONE					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 15'-17'					
Sample Date & Time: 5.17.94 @ 1429	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: LAB VOLUMETRIC light brown - moderate turbidity cool water DUP TAKEN @ this location				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FD-TW

Page 1 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

C&C# 12 VOC

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW04-2 Source Location FD-TW04-2

Total Well Depth: 35'	Purge Data				
Well Casing Size & Depth: 1"- dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 14'02"					
One Casing Volume: 1.4 gal					
Start Purge (hrs.): 1505					
End Purge (hrs.): 1530					
Total Purge Time (min.): 25 min.					
Total Amount Purged (gal.): 5				N.A.	
Monitor Reading: NONE					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 30-32'					
Sample Date & Time: 5-17-94 @ 1535	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

brown turbid cool water

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FD - TW

Page 11 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

COFC# 13 VOC

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW05-1-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: ND					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):				N.A.	
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time:	Sample Data				
5-18-94 0730	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD					

Signature(s): Paul [illegible]

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
LAB VOLUMETRIC
LAB PREPARED

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FD-TW1

Page 12 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

COFC# 13 VOL

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW05-1-RB Source Location RINSATE BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: N/A					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):				N.A.	
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time:	Sample Data				
5/18/94 0745	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD/TK					
Signature(s): Paul D[illegible]	Observations / Notes: LAB VOLUMETRIC Rinsate Blank Lot #F299				

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FD-TW

Page 13 of ____

COC# 13 UGL

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW05-1 Source Location FD-TW05-1

	Purge Data				
Total Well Depth: 16.5'					
Well Casing Size & Depth: 3"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 14'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 0815					
End Purge (hrs.): 0818					
Total Purge Time (min.): 3 min.					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: None					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 14-16'					
Sample Date & Time: 5-18-94 @ 0822	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

light brown - moderate turbidity
cool water

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

FD-TW

SAMPLE LOG SHEET

Page 14 of ____

COC# 13 VOC

By PD/TR

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW05-2 Source Location FD-TW05-2

Total Well Depth: 35'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 14'					
One Casing Volume: 1.4 gal.					
Start Purge (hrs.): 0855					
End Purge (hrs.): 0915					
Total Purge Time (min.): 20 min.					
Total Amount Purged (gal.): 4.5				N.A.	
Monitor Reading: none					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 30'-32'					
Sample Date & Time: 5-18-94 @ 0920	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

brown turbid coal water

MS/MSD taken

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

FD-TW

SAMPLE LOG SHEET

Page 15 of ____

Halliburton NUS CORPORATION

☐ Monitoring Well Data
☐ Domestic Well Data
■ Other TEMPORARY WELL

C of C# 13 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW05-2-RB Source Location Rinsate Blank

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: NA					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):				N.A.	
Monitor Reading:					
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 5-18-94 1030	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD/TR					

Signature(s): [signature]

[signature]

Type of Sample

■ Low Concentration
☐ High Concentration
☐ Grab
☐ Composite
☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC
Rinsate Blank
Lot # F249

Analysis:	Preservative		Organic	Inorganic
SELECT Volatiles	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

FD TW

Page 16 of ____

CofC# 13U0C

By PD/TK

Halliburton NUS CORPORATION

- [ ] Monitoring Well Data
- [ ] Domestic Well Data
- [x] Other TEMPORARY WELL

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW06-1 Source Location FD-TW06-1

Total Well Depth: 17.5'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 15'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1025					
End Purge (hrs.): 1030					
Total Purge Time (min.): 5 min.					
Total Amount Purged (gal.): 2 gal				N.A.	
Monitor Reading: none					
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 14-16'					
Sample Date & Time: 5.18.94 @ 1035	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [ ] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Clear - Somewhat Cloudy - Cool-water

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	N A	
		Lab		
		Volume		

SAMPLE LOG SHEET

FD-TW

Page 17 of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CoFC# 13 VOL

By PD/TK

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW06-2 Source Location FD-TW06-2

Total Well Depth: 35'	Purge Data				
Well Casing Size & Depth: 1"- dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 15'01"					
One Casing Volume: 1.3 gal					
Start Purge (hrs.): 1105					
End Purge (hrs.): 1145					
Total Purge Time (min.): 40 min.					
Total Amount Purged (gal.): 4.5 gal				N.A.	
Monitor Reading: 10 ppm in casing					
Purge Method: hand bailer					
Sample Method: hand bailer					
Depth Sampled: 30-33'					
Sample Date & Time: 5-18-94 @ 1150	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: LAB VOLUMETRIC brown turbid cool water				

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped		
		Time Shipped	NA	
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FD-TW18 of ____

CofC# 18 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW07-1 Source Location FD-TW07-1

	Purge Data				
Total Well Depth: 16'					
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 13.5'					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1052					
End Purge (hrs.): 1100					
Total Purge Time (min.): 8					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: NONE			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 14-16'					

Sample Date & Time: 6-16-94 1105	Sample Data			
	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: Paul Davis				

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

MS/MSD

LAB VOLUMETRIC

light brown - slight turbid

Split SAMPLE SHIPPED to RECRA ☐ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FD-TW19 of ____

CofC# 18 VOL & 40 RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW07-2 Source Location FD-TW07-2

	Purge Data				
Total Well Depth: 30'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 13.5'					
One Casing Volume: 1.2 gal					
Start Purge (hrs.): 1135					
End Purge (hrs.): 1200					
Total Purge Time (min.): 25					
Total Amount Purged (gal.): 4 gal					
Monitor Reading: 8 ppm in well casing			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 26-29'					
Sample Date & Time: 6-16-94 1205	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

light brown mud. turbid water

Duplicates taken SPLIT W/ RECRA

Split SAMPLE SHIPPED to RECRA ☑ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FD-TW20 of ____

CofC# 18 VOL

By PD/TK

Project Site Name CALVERTON

Project Site Number 0206

NUS Source No. FD-TW08-1

Source Location FD-TW08-1

	Purge Data				
Total Well Depth: 18.5'	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Well Casing Size & Depth: 2"-dia.					
Static Water Level: 16'02"					
One Casing Volume: 0.5 gal					
Start Purge (hrs.): 1409					
End Purge (hrs.): 1414					
Total Purge Time (min.): 5					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: None			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 15-18'					
Sample Date & Time: 6-16-94 1418	**Sample Data**				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

light brown moderate turbidity

Split SAMPLE SHIPPED to RECRA ☐ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

FD-TW2#

Page ____ of ____

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

CofC# 42 RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW08-2-TB Source Location TRIP BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: NA					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 6-16-94 1500	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PO					

Signature(s): Paul M. [illegible]

Type of Sample

- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

~~LAB VOLUMETRIC~~ (TR)

RECRA TRIP BLANK

Split SAMPLE SHIPPED to RECRA ☐ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FD-TW22 of ____

CoFC# 19VOL & 42 RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW08-2 Source Location FD-TW08-2

	Purge Data				
Total Well Depth: 40'					
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 16.5'					
One Casing Volume: 1.6 gal					
Start Purge (hrs.): 1452					
End Purge (hrs.): 1520					
Total Purge Time (min.): 28					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: 8.6 ppm in well casing			NA		
Purge Method: handbailer					
Sample Method: " "					
Depth Sampled: 36-37'					
Sample Date & Time: 6-16-94 1522	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul D

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

Brown - turbid water

Split SAMPLE SHIPPED to RECRA ☑ CoFC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FD-TW23 of ____

CofC# 19VOL & 42RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW06-2-RB Source Location RINSATE BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume: NA					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					
Sample Date & Time: 6-16-94 1540	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: PD/TR					

Signature(s):

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC

RINSATE BLANK
DI WATER Lot #F249

Split SAMPLE SHIPPED to RECRA ☑ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FD-TW24 of ____

CofC# 20 VOL

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW09-1-TB Source Location TRIP BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level:					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					

Sample Date & Time:	Sample Data			
6-17-94 0730	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: PD				

Signature(s): Paul M. D

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC
LAB PREPARED

~~Split~~ SAMPLE SHIPPED to RECRA ☐ CofC# RECRA (TR)

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FD-TW 25 of ____

CofC# 42 RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW09-1-TB Source Location TRIP BLANK

	Purge Data				
Total Well Depth:					
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: A					
One Casing Volume: N					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					

Sample Date & Time:	Sample Data			
6-17-94 0735	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: PD				

Signature(s): Paul M. Di

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

~~LAB VOLUMETRIC~~ TR

RECRA LAB PREPARED

Split SAMPLE SHIPPED to RECRA ☐ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

☐ Monitoring Well Data
☐ Domestic Well Data
■ Other TEMPORARY WELL

Page FD-TW26 of ____

CofC# 20VOL ~~E 42 RECRA~~

By PD / TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW09-1 Source Location FD-TW09-1

Total Well Depth: 17.5'	Purge Data				
Well Casing Size & Depth: 2"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 15'					
One Casing Volume: 0.5 gal.					
Start Purge (hrs.): 0800					
End Purge (hrs.): 0804					
Total Purge Time (min.): 4					
Total Amount Purged (gal.): 2 gal					
Monitor Reading: None					
			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 15-17'					
Sample Date & Time: 6-17-94 0807	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					
Signature(s): Paul Davis	Observations / Notes: LAB VOLUMETRIC light brown - moderate turbidity Split SAMPLE SHIPPED to RECRA ☐ CofC# RECRA				

Type of Sample
■ Low Concentration
☐ High Concentration
☐ Grab
☐ Composite
☐ Grab - Composite

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FD TW27 of ____

CofC# 20 VOC & 42 RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW09-2 Source Location FD-TW09-2

Total Well Depth: 35'	Purge Data				
Well Casing Size & Depth: 1"-dia.	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: 14.5'					
One Casing Volume: 1.4 gal					
Start Purge (hrs.): 0835					
End Purge (hrs.): 0905					
Total Purge Time (min.): 30					
Total Amount Purged (gal.): 5 gal					
Monitor Reading: none					
			NA		
Purge Method: hand bailer					
Sample Method: " "					
Depth Sampled: 31-34'					
Sample Date & Time: 6-17-94 0910	Sample Data				
	pH	S.C.	Temp. (°C)	Color & Turbidity	
Sampled By: Paul Davis					

Signature(s): Paul Davis

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

ms/msd on Recra

LAB VOLUMETRIC

brown - turbid water

Split SAMPLE SHIPPED to RECRA ☑ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- ☐ Monitoring Well Data
- ☐ Domestic Well Data
- ■ Other TEMPORARY WELL

Page FD-TW 28 of ____

CofC# 20 VOL & 42 RECRA

By PD/TR

Project Site Name CALVERTON Project Site Number 0206

NUS Source No. FD-TW09-2-RB Source Location RINSATE BLANK

Total Well Depth:	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
Static Water Level: NA					
One Casing Volume:					
Start Purge (hrs.):					
End Purge (hrs.):					
Total Purge Time (min.):					
Total Amount Purged (gal.):					
Monitor Reading:					
			NA		
Purge Method:					
Sample Method:					
Depth Sampled:					

Sample Date & Time:	Sample Data			
6-17-94 0930	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: PD				

Signature(s): [signature]

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ☐ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:

LAB VOLUMETRIC
RINSATE BLANK SPLIT
DI WATER Lot # F249

Split SAMPLE SHIPPED to RECRA ☑ CofC# RECRA

Analysis:	Preservative		Organic	Inorganic
SELECT VOLATILES	Cool 4°C HCl pH<2	Traffic Report #		
		Tag #		
		AB #		
		Date Shipped	NA	
		Time Shipped		
		Lab		
		Volume		

SITE 7

GROUNDWATER

SAMPLE LOG SHEET

FD-GW

Page 1 of 13

Halliburton NUS CORPORATION

■ Monitoring Well Data
☐ Domestic Well Data
☒ Other TRIP BLANK

CofC# RECRA GW #03

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FD-GW01-TB Source Location SITE 7 TRIP BLANK

Total Well Depth: — TPVC	Purge Data					
Well Casing Size & Depth: 4" Ø	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I					
Static Water Level: —	1					
One Casing Volume: —	2					
Start Purge (hrs.): —	3					
End Purge (hrs.): —	4					
Total Purge Time (min.): —	5					
Total Amount Purged (gal.): —	6			NR		
Monitor Reading: —						
Purge Method: —						
Sample Method: S.S. Bailer (TR)						
Depth Sampled: —						
Sample Date & Time: 08-25-94 0800	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: TR/LAB						
Signature(s):	Observations / Notes: SHIPPED TO RECRA ENVIRONMENT, INC. LAB PREPARED TRIP BLANK					

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ■ Grab
- ☐ Composite
- ☐ Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓ (TR)		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

27' 3"

SAMPLE LOG SHEET

FD-GW

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

CofC# RECRA GW#03

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FD-GW01-S Source Location SITE 7 MW01-S

	Purge Data					
Total Well Depth: 27.25' TPVC						
Well Casing Size & Depth: 4" Ø 27.25"	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.75	.278	21.1	BRN	999
Static Water Level: 19.18	1	6.78	.273	21.3	Brn. Turbid	999
One Casing Volume: 20L	2	6.77	.268	21.3	TAN	651
Start Purge (hrs.): 0925	3	6.78	.267	21.3	TAN	422
End Purge (hrs.): 0940	4					
Total Purge Time (min.): 15	5					
Total Amount Purged (gal.): 60 L	6					
Monitor Reading: OVA = 0ppm @ 0855						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 08-25-94 0945	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR	6.78	.267	21.3	TAN	422

Signature(s): [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

55' 8"

SAMPLE LOG SHEET

FD-GW

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

CofC# RECRA GW #03

By TL

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FD-GW01-I Source Location SITE 7 MW-01-I

Total Well Depth: 55.67' TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 55.67'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.36	.218	17.6	Clear	-10
Static Water Level: 18.17'	1	6.33	.217	16.0	~~420~~ Cloudy	420
One Casing Volume: 25 gal	2	6.25	.207	15.6	Cloudy brn.	115
Start Purge (hrs.): 0913	3	6.21	.200	15.6	Clear	15
End Purge (hrs.): 0921	4					
Total Purge Time (min.): 8	5					
Total Amount Purged (gal.): 75 gal	6					
Monitor Reading: OVA = 0.5ppm @ 0854						
Purge Method: TEFL PUMP						
Sample Method: S.S. Bailer						
Depth Sampled: —						
Sample Date & Time: 08-25-94 0940	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: PD/VS/TR	6.21	.200	15.6	Clear	15	

Signature(s): [signature]

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

10 gpm

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FD-GW
Page 6 of 13

Halliburton NUS CORPORATION

■ Monitoring Well Data
☐ Domestic Well Data
☐ Other _____

CofC# RECRA GW#03

By TR

25'2"

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FD-GW02-S Source Location SITE 7 MW02-S

	Purge Data					
Total Well Depth: 25.17 TPVC						
Well Casing Size & Depth: 4" Ø 25.17'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.74	.273	12.9	Brown	999
Static Water Level: 17.63	1	5.71	.148	13.3	lt. brown	575
One Casing Volume: 20L	2	5.95	.197	12.4	orangish	470
Start Purge (hrs.): 1225	3	5.71	.183	12.4	"	379
End Purge (hrs.): 1250	4					
Total Purge Time (min.): 25	5					
Total Amount Purged (gal.): 60L	6					
Monitor Reading: OVA = 0ppm @ 1213 Hrs						
Purge Method: S.S. BAILER						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 08-25-94 1252	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR	5.71	.183	12.4	Orangish	379

Signature(s): [signature]

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.

Type of Sample
■ Low Concentration
☐ High Concentration
■ Grab
☐ Composite
☐ Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

FD-GW
Page ~~6~~ 7 of 13 (TR)
C of C# RECRA GW#03
By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FD-GW02-I Source Location SITE 7 MW-02-I

Total Well Depth: 52.93 TPVC	Purge Data						
Well Casing Size & Depth: 4"Ø 52.93'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity	
	I	6.39	.248	14.5	Clear	4	
Static Water Level: 17.43	1	6.36	.230	12.8	BRN	798	
One Casing Volume: 24 gal	2	6.25	.212	12.5	TANISH	134	
Start Purge (hrs.): 1234	3	6.15	.200	12.5	Clear	32	
End Purge (hrs.): 1242	4						
Total Purge Time (min.): 8	5						
Total Amount Purged (gal.): 75 gal	6						
Monitor Reading: OVA = 0 ppm @ 1212 HRS							
Purge Method: ~~S.S. Bailer (TR)~~ TEEL PUMP							
Sample Method: S.S. Bailer							
Depth Sampled: —							
Sample Date & Time: 09/25/94 1258	Sample Data						
	pH	S.C.	Temp. (°C)	Color	Turbidity		
Sampled By: W PD/VS/TR	6.15	.200	12.5	Clear	32		
Signature(s): [signature] Paul M. [signature]	Observations / Notes: SHIPPED TO RECRA ENVIRONMENT, INC. 10 gpm						

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

Halliburton NUS CORPORATION

FD-GW
Page 8 of 13

■ Monitoring Well Data
☐ Domestic Well Data
☒ Other Rinsate Blank

CofC# RECRA GW #03

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FD-GW02-RB Source Location SITE 7 Rinsate Blank

Total Well Depth: — TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø —	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I					
Static Water Level: —	1					
One Casing Volume: —	2					
Start Purge (hrs.): —	3					
End Purge (hrs.): —	4					
Total Purge Time (min.): —	5					
Total Amount Purged (gal.): —	6					
Monitor Reading: —			NA			
Purge Method: —						
Sample Method: S.S. Bailer						
Depth Sampled: —						
Sample Date & Time: 8/25/94 @ 1330	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: PD/VS/TR						

Signature(s): [signature] [signature] [signature]

Type of Sample
■ Low Concentration
☐ High Concentration
■ Grab
☐ Composite
☐ Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.
RICCA H_2O-DI LOT # J279
Rinsate Blank
TAKEN @ FUEL DEPOT
SOME VAPORS IN AIR

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FD-GW
Page 5 of 13

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

CofC# RECRA GW#03

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FD-GW03-S Source Location SITE 7 MW03-S

	Purge Data					
Total Well Depth: 28.42' TPVC						
Well Casing Size & Depth: 4" Ø 28.42'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.57	.236	15.3	BRN	999
Static Water Level: 19.24	1	6.51	.199	15.6	TANISH	291
One Casing Volume: 23L	2	6.39	.202	15.3	"	196
Start Purge (hrs.): 1055	3	6.50	.201	15.6	"	167
End Purge (hrs.): 1120	4					
Total Purge Time (min.): 25	5					
Total Amount Purged (gal.): 6.9L	6					
Monitor Reading: OVA = 0ppm @ 1040 Hrs						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time:	Sample Data				
08-25-99 1120	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD / VS / TR	6.50	.201	15.6	TANISH	167

Signature(s):

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

62 1/2

Halliburton NUS CORPORATION

SAMPLE LOG SHEET

FD-GW

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

CofC# RECRA GW#03

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FD-GW03-I Source Location SITE 7 MW03-I

	Purge Data					
Total Well Depth: 62.13' TPVC						
Well Casing Size & Depth: 4"Ø 62.13'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.29	.185	15.9	CLEAR	0
Static Water Level: 19.35	1	5.97	.192	15.3	"	71
One Casing Volume: 29.94 l	2	6.05	.199	15.1	"	28
Start Purge (hrs.): 1040	3	5.97	.191	15.0	"	2
End Purge (hrs.): 1049	4					
Total Purge Time (min.): 9	5					
Total Amount Purged (gal.): 90	6					
Monitor Reading: OVA = 0ppm 1035hrs						
Purge Method: TEFL PUMP						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time:	Sample Data				
08-25-94 1106	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: PD/VS/TR	5.97	.191	15.0	Clear	2

Signature(s): [illegible]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

SHIPPED TO RECRA ENVIRONMENT, INC.

10gal per min

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

SAMPLE LOG SHEET

FD-GW
Page 9 of 13

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

CofC# _____

By TK

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FD-GW04-S & DUPLICATE Source Location SITE 7 MW04-S

Total Well Depth: 26.21 TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø 26.21	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	7.05	.451	16.2	cloudy	244
Static Water Level: 18.48	1	6.73	.424	16.5	Orangish	263
One Casing Volume: 20L	2	6.67	.415	16.0	"	263
Start Purge (hrs.): 1350	3	6.66	.410	16.4	"	220
End Purge (hrs.): 1410	4					
Total Purge Time (min.): 20	5					
Total Amount Purged (gal.): 60L	6					
Monitor Reading: OVA = 0ppm 1340HS						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						
Sample Date & Time: 08-25-94 1415	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: PD/VS/TK	6.66	.410	16.9	ORANGISH	220	

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.

DUP
FD-GW04-S-DU-01

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓	✓	✓
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓	✓	✓
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓	✓	✓
TSS / TDS	4°C; —	1L PE	✓	✓	
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE	✓	✓	
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE	✓	✓	
BOD	4°C; —	1L PE	✓	✓	
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE	✓	✓	

SAMPLE LOG SHEET

FD-GW
Page 10 of 13

Halliburton NUS CORPORATION

■ Monitoring Well Data
☐ Domestic Well Data
☐ Other _____

CofG# _____

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FD-GW04-I Source Location SITE 7 MW04-I

Total Well Depth: 57.5' TPVC	Purge Data					
Well Casing Size & Depth: 4" Ø 57.50'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.61	.260	17.0	clear	5
Static Water Level: 18.10	1	6.60	.254	14.8	Tan	999
One Casing Volume: 26 gal	2	6.51	.245	14.6	Tan	257
Start Purge (hrs.): 1352	3	6.42	.235	14.7	clear	35
End Purge (hrs.): 1400	4					
Total Purge Time (min.): 8	5					
Total Amount Purged (gal.): 78 gal	6					
Monitor Reading: OVA = 0ppm 1340 HRS						
Purge Method: TEFL Pump						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time:	Sample Data				
08-25-94 1400	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: DB/VS/TR	6.42	.235	14.7	clear	35

Signature(s):

Type of Sample
- ■ Low Concentration
- ☐ High Concentration
- ■ Grab
- ☐ Composite
- ☐ Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.
10 ppm

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE	✓		
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE	✓		
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE	✓		
BOD	4°C; —	1L PE	✓		
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE	✓		

SAMPLE LOG SHEET

FD-GW
Page 11 of 13

Halliburton NUS CORPORATION

■ Monitoring Well Data
☐ Domestic Well Data
☐ Other Trip Blank

CofC# RECRA GW #04

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FD-GW05-S-TB Source Location SITE 7 TRIP BLANK

Total Well Depth: TPVC	Purge Data					
Well Casing Size & Depth: 4"Ø	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I					
Static Water Level: —	1					
One Casing Volume: —	2					
Start Purge (hrs.): —	3					
End Purge (hrs.): —	4					
Total Purge Time (min.): —	5					
Total Amount Purged (gal.): —	6					
Monitor Reading: —			NA			
Purge Method: —						
Sample Method: ~~S.S. Bailer~~ TR						
Depth Sampled: —						
Sample Date & Time: 08/26/94 0730	Sample Data					
	pH	S.C.	Temp. (°C)	Color	Turbidity	
Sampled By: TR / LAB						

Signature(s):

Type of Sample
■ Low Concentration
☐ High Concentration
■ Grab
☐ Composite
☐ Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.

TRIP BLANK
PREPARED BY RECRA LAB

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓ TR		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

25' - 4½"

SAMPLE LOG SHEET

FD-GW
Page 12 of 13

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

CofC# RECRA GW#04

By TR

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138
NUS Source No. FD-GW05-S Source Location SITE 7 MW05-S

Total Well Depth: 25.62' TPVC	Purge Data					
Well Casing Size & Depth: 4" Ø 25.62'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.00	.428	15.8	Yellowish	53
Static Water Level: 17.39 TPVC	1	6.41	.317	15.4	Orangish	631
One Casing Volume: 2.1 L	2	6.44	.321	15.4	Tanish	320
Start Purge (hrs.): 0810	3	6.39	.317	15.4	"	234
End Purge (hrs.): 0827	4					
Total Purge Time (min.): 17	5					
Total Amount Purged (gal.): 6.3L	6					
Monitor Reading: OVA = 0.5 ppm @ 0758 Hrs						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time:	Sample Data				
08-26-94 0830	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: VS / TR	6.39	.317	15.4	Tanish	234

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.
KECK INTERFACE PROBE NO PRODUCT READ WATER SIGNAL ONLY

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

26' - 3½"

SAMPLE LOG SHEET

FD-GW
Page 13 of 13

Halliburton NUS CORPORATION

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

CofC# TR

By RECRA GW#04

Project Site Name CALVERTON, NWIRP Project Site Number 0206 CTO 138

NUS Source No. FD-GW06-S Source Location SITE 7 MW06-S

	Purge Data					
Total Well Depth: 25.71' TPVC						
Well Casing Size & Depth: 4"Ø 25.71'	Volume	pH	S.C.	Temp. (°C)	Color	Turbidity
	I	6.53	.462	16.6	CLEAR	32
Static Water Level: 17.25	1	6.60	.415	16.1	GRAYISH BRN	355
One Casing Volume: 2 L	2	6.58	.449	16.1	"	214
Start Purge (hrs.): 0850	3	6.60	.441	16.0	GRAYISH	237
End Purge (hrs.): 0909	4					
Total Purge Time (min.): 19	5					
Total Amount Purged (gal.): 6.3L	6					
Monitor Reading: OVA = 120ppm @ 0845						
Purge Method: S.S. Bailer						
Sample Method: S.S. Bailer						
Depth Sampled: —						

Sample Date & Time: 8-26-94 0915	Sample Data				
	pH	S.C.	Temp. (°C)	Color	Turbidity
Sampled By: VS/TR	6.60	.441	16.0	GRAYISH	237

Signature(s): [signature]

Type of Sample
- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:
SHIPPED TO RECRA ENVIRONMENT, INC.
KECIC INST. water signal only
SLIGHT oily sheen FUEL ODOR

Analysis:	Preservative	Container	✓ If Collected	✓ Duplicate	✓ MS/MSD
TCL VOLATILES	4°C; HCl ≤2pH	(2) 40ml VIAL	✓		
TCL SEMIVOLATILES	4°C; —	(2) Amber Glass	✓		
TOTAL LEAD	4°C; HNO_3 ≤2pH	8oz PE	✓		
TSS / TDS	4°C; —	1L PE			
ALKALINITY	4°C; ZERO HEADSPACE	16oz PE			
HARDNESS	4°C; HNO_3 ≤2pH	8oz PE			
BOD	4°C; —	1L PE			
TOC / COD	4°C; H_2SO_4 ≤2pH	1L PE			

BACKGROUND SAMPLES

SAMPLE LOG SHEET

Page BG1 of BG 13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Sediment
- ☐ Lagoon / Pond
- ■ ~~Other~~ ~~TEST PIT~~ TR

BACKGROUND ~~SITE 2~~ TR

By TR

C OF C # RECRA #01 BG

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG-SB12 Source Location BACKGROUND (RFA)

Sample Method: S.S. Trowel	
Depth Sampled: 6-12"	
Sample Date & Time: 8/23/94 0750	
Sampled By: VS/TR	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description

N/A

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

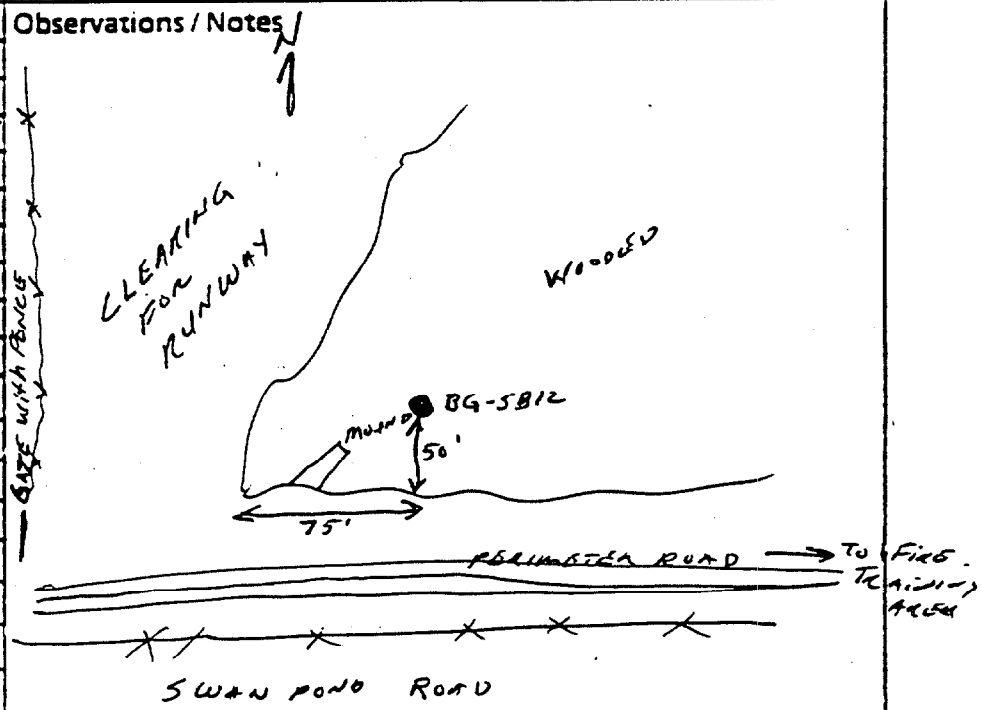
✓ IF TAKEN

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
BRN	F-M GRAIN SAND

Analysis:	✓
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST/PCB	
TAL INORGANICS	✓
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
Organic LEAD	
PERMEABILITY	

Observations / Notes



SAMPLE LOG SHEET

Page BG2 of BG13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil BACKGROUND ~~SITE 2~~ TR
- ☐ Sediment
- ☐ Lagoon / Pond
- ■ Other ~~TEST PIT~~ TR

By TR

C of C # RECRA #01 BG

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG-SB18 & BG-SB18-DU-01 Source Location BACKGROUND (RFI)

Sample Method: S.S. TROWEL	
Depth Sampled: 6-12"	
Sample Date & Time: 8/23/94 0805	
Sampled By: VS/TR	
Signature(s):	

Composite Sample Data

Sample	Time	Color / Description

NA

Type of Sample

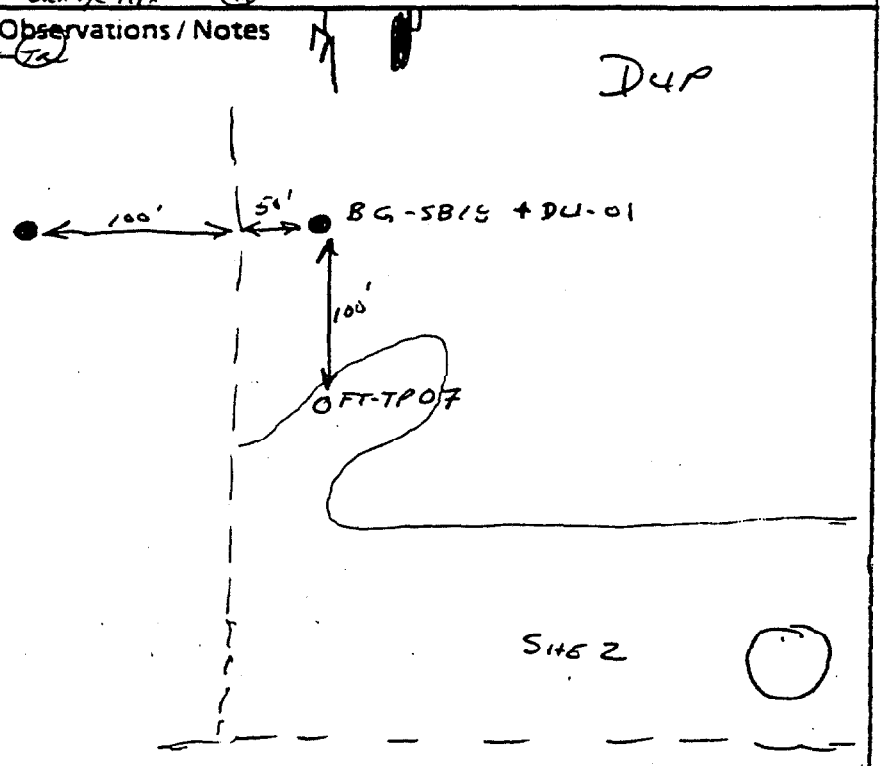
- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
TAN BRN ORANGE MIX	F-M GRAIN SAND

Analysis:	✓ IF TAKEN
TCL VOLATILES	✓ TR
TCL SEMI-VOLATILES & PEST / PCB	
TAL INORGANICS	✓
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
Organic LEAD	
PERMEABILITY	

Observations / Notes



SAMPLE LOG SHEET

Page BG3 of BG13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Sediment
- ☐ Lagoon / Pond
- ☒ Other ~~TGST Pit~~ TR

BACKGROUND ~~SITE 2~~ TR

By TR

COFC # RECRABG#01

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG-SB19 Source Location BACKGROUND (RFI)

Sample Method: S.S. Trowel	Composite Sample Data		
	Sample	Time	Color / Description
Depth Sampled: 6-8"			
Sample Date & Time: 8/23/94 0825			
Sampled By: US / TR			
Signature(s): [signature]		NA	

Type of Sample	✓ IF TAKEN
☒ Low Concentration	
☐ High Concentration	
☒ Grab	
☐ Composite	
☐ Grab - Composite	

Sample Data	
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
BROWNISH ORANGE	F-M GRAIN SAND

Analysis:	✓
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST/PCB	
TAL INORGANICS	✓
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
ORGANIC LEAD	
PERMEABILITY	

Observations / Notes

SEE BG-SB18 SAMPLE LOG SHEET

SAMPLE LOG SHEET

Page BG4 of BG13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☒ Subsurface Soil BACKGROUND ~~SITE 2~~ (TL)
- ☐ Sediment
- ☐ Lagoon / Pond
- ~~☐ Other TEST PIT~~ (TL)

By TL

C OF C # RECRA BG #01

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG-SB13 Source Location BACKGROUND (RFA)

Sample Method: S.S. Trowel	Composite Sample Data
Depth Sampled: 6-12"	Sample / Time / Color / Description
Sample Date & Time: 8/23/94 0945	
Sampled By: VS / TL	
Signature(s):	NA

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

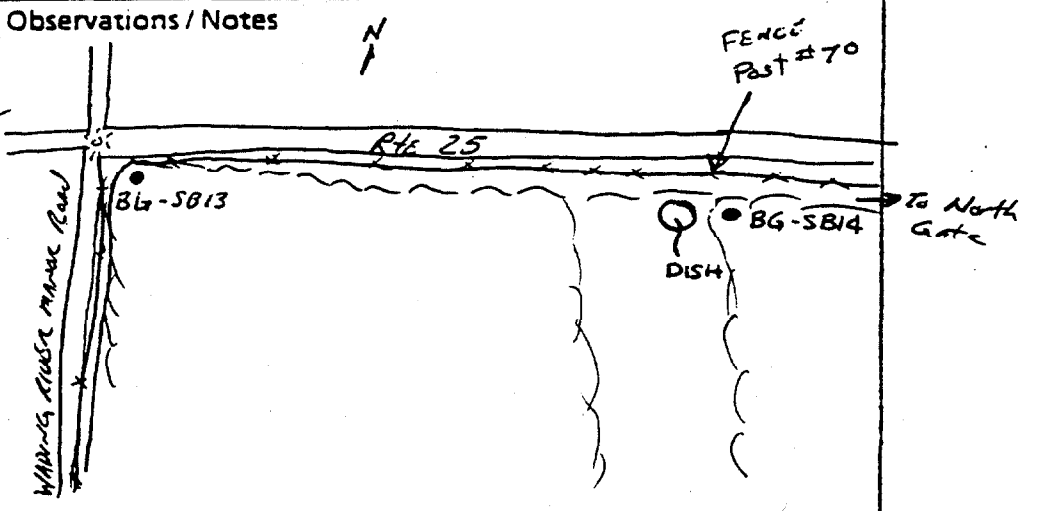
✓ IF TAKEN

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
BRN	F-M GRAIN SAND

Analysis:	✓
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST/PCB	
TAL INORGANICS	✓
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
Organic LEAD	
PERMEABILITY	

Observations / Notes



SAMPLE LOG SHEET

Page BG 5 of BG 13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☒ Subsurface Soil BACKGROUND ~~SITE 2~~ TK
- ☐ Sediment
- ☐ Lagoon / Pond
- ☒ Other ~~TEST PIT~~ TK

By TK

C OF C # RECRA BG #01

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG-SB14 Source Location BACKGROUND (RFA)

Sample Method: S.S. Trowel	Composite Sample Data		
	Sample	Time	Color / Description
Depth Sampled: 6-8"			
Sample Date & Time: 08/23/94 0950			
Sampled By: VS/TK			
Signature(s): [signature]			

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Sample Data	
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
BRN	SANDY SILT DAMP

Analysis:	✓ IF TAKEN
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST/PCB	
TAL INORGANICS	✓
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
Organic LEAD	
PERMEABILITY	

Observations / Notes

SEE MAP OF SAMPLE LOG SHEET BG-SB13

SAMPLE LOG SHEET

Page BG6 of BG13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil BACKGROUND
- ☐ Sediment
- ☐ Lagoon / Pond
- ☒ Other ~~TEST PIT~~ (TR)

~~SITE 2~~ (TR)

By TR

C of C # RECRA BG #01

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG - SB15 Source Location BACKGROUND (RFA)

Sample Method: SS. Trowel

Depth Sampled: 6 - 12"

Sample Date & Time: 8/23/94 1013

Sampled By: VS / TR

Signature(s)

Type of Sample (✓ IF TAKEN)

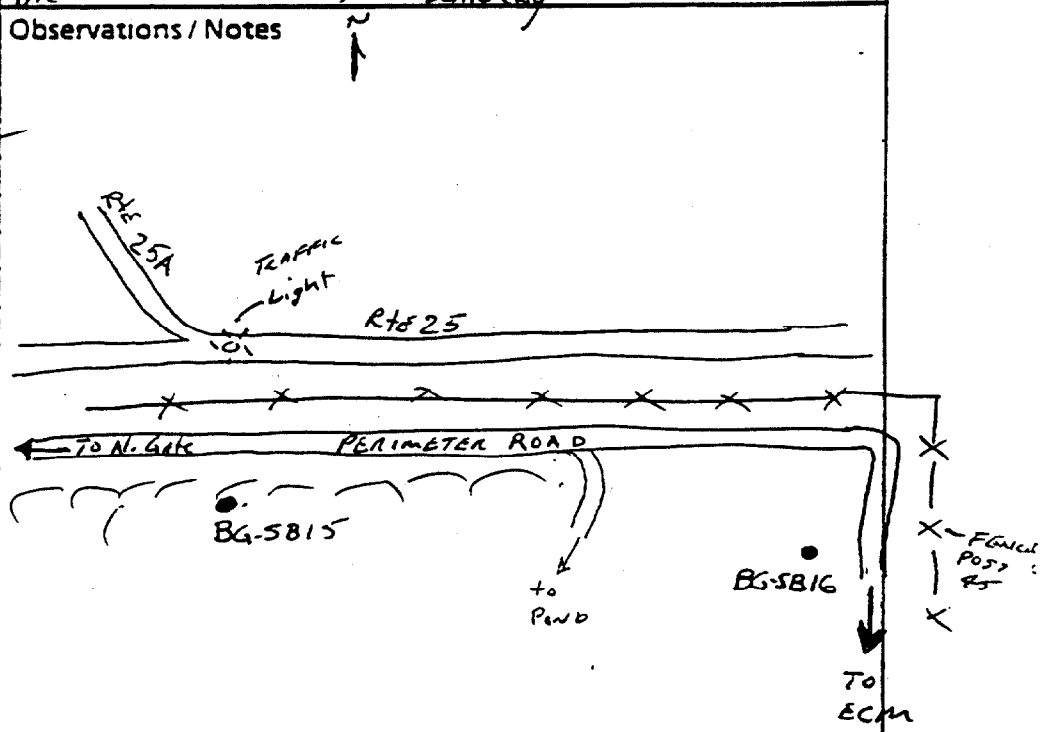
- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

Composite Sample Data		
Sample	Time	Color / Description

Sample Data	
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
BRN	Sandy Silt some clay Damp

Analysis:	✓
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST / PCB	
TAL INORGANICS	✓
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
ORGANIC LEAD	
PERMEABILITY	

Observations / Notes



SAMPLE LOG SHEET

Page BG7 of BG13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil BACKGROUND ~~SITE 2~~ (TR)
- ☐ Sediment
- ☐ Lagoon / Pond
- ~~■ Other TEST PIT~~ (TR)

By TR

C of C # RECRA BG#01

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG-SB16 & BG-SB16-DU02 Source Location BACKGROUND (RFA)

Sample Method: S.S. TROWEL	**Composite Sample Data** — Sample / Time / Color / Description: N/A
Depth Sampled: 6-12"	
Sample Date & Time: 8/23/94 1025	
Sampled By: VS / TR	
Signature(s): [signatures]	
Type of Sample: ☒ Low Concentration ☐ High Concentration ☒ Grab ☐ Composite ☐ Grab - Composite	**Sample Data** — Color: BRN; Description: (Sand, Clay, Dry, Moist, Wet, etc.) Silt — Silt & Clay 50%. EACH — Damp

Analysis:	✓ IF TAKEN
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST/PCB	
TAL INORGANICS	✓
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
Organic LEAD	
PERMEAbility	

Observations / Notes

SEE MAP ON SAMPLE LOG SHEET FOR BG-SB15

DUP TAKEN

BG-SB16-DU-02

SAMPLE LOG SHEET

Page BG8 of BG13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil BACKGROUND
- ☐ Sediment
- ☐ Lagoon / Pond
- ■ ~~Other TEST PIT~~ (TR)

~~SITE 2~~ (TR)

By TR

COFC # RECRA BG #01

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG-SB20 Source Location BACKGROUND (RFI)

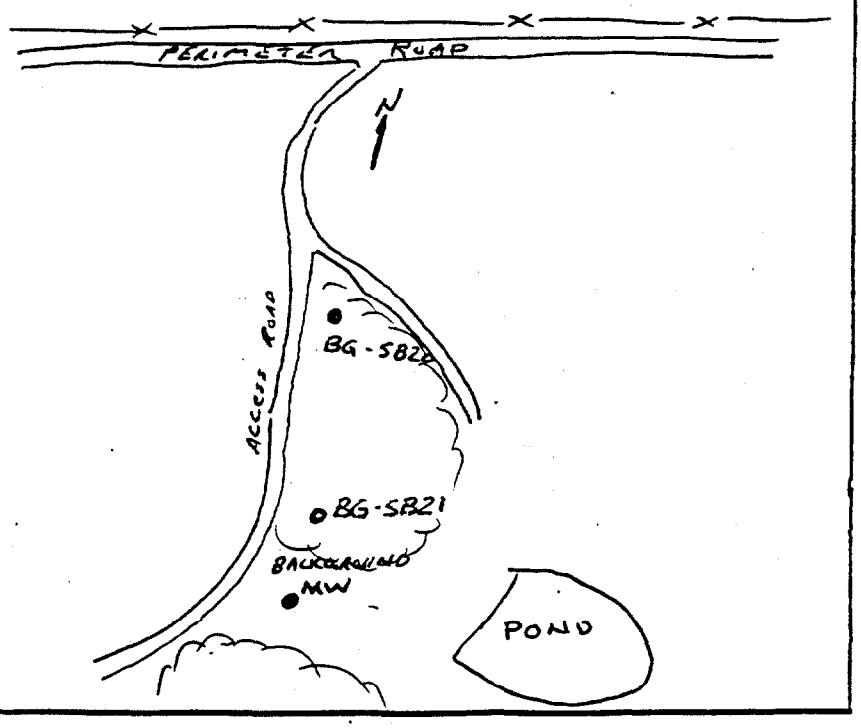
Sample Method: S.S. Trowel	Composite Sample Data		
	Sample	Time	Color / Description
Depth Sampled: 6-12"			
Sample Date & Time: 8/23/94 1040			
Sampled By: VS/TR		NA	
Signature(s):			

Type of Sample	✓ IF TAKEN
☒ Low Concentration	
☐ High Concentration	
☒ Grab	
☐ Composite	
☐ Grab - Composite	

Sample Data	
Color	Description: (Sand, Clay, Dry, (Moist), Wet, etc.)
BRN	SILTY SAND

Analysis:	
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST/PCB	
TAL INORGANICS	X
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
Organic LEAD	
PERMEability	

Observations / Notes



SAMPLE LOG SHEET

Halliburton NUS CORPORATION

- [ ] Surface Soil
- [ ] Subsurface Soil
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] ~~Other TEST PIT~~ (TR)

BACKGROUND

~~SITE 2~~ TR

By TR

C OF C # RECRA BG #01

Project Site Name CALVERTON NWIRP   Project Site Number 0206

NUS Source No. BG-SB21   Source Location BACKGROUND (RFI)

Sample Method: S.S. Trowel	
Depth Sampled: 6-12"	
Sample Date & Time: 8/23/94 1050	
Sampled By: VS/TR	
Signature(s): [signatures]	

Composite Sample Data

Sample	Time	Color / Description
N/A		

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
BRN	Silty Sand (Moist circled)

Analysis:	✓ IF TAKEN
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST/PCB	
TAL INORGANICS	X
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
ORGANIC LEAD	
PERMEABILITY	

Observations / Notes

SEE SAMPLE LOG SHEET FOR BG-SB20

SAMPLE LOG SHEET

Page BG10 of BG13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil BACKGROUND
- ☐ Sediment
- ☐ Lagoon / Pond
- ☒ Other ~~TEST PIT~~ TR

~~SITE 2~~ TR

By TR

C OF C # RECRA BG#01

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG-SB22 Source Location BACKGROUND (RFI)

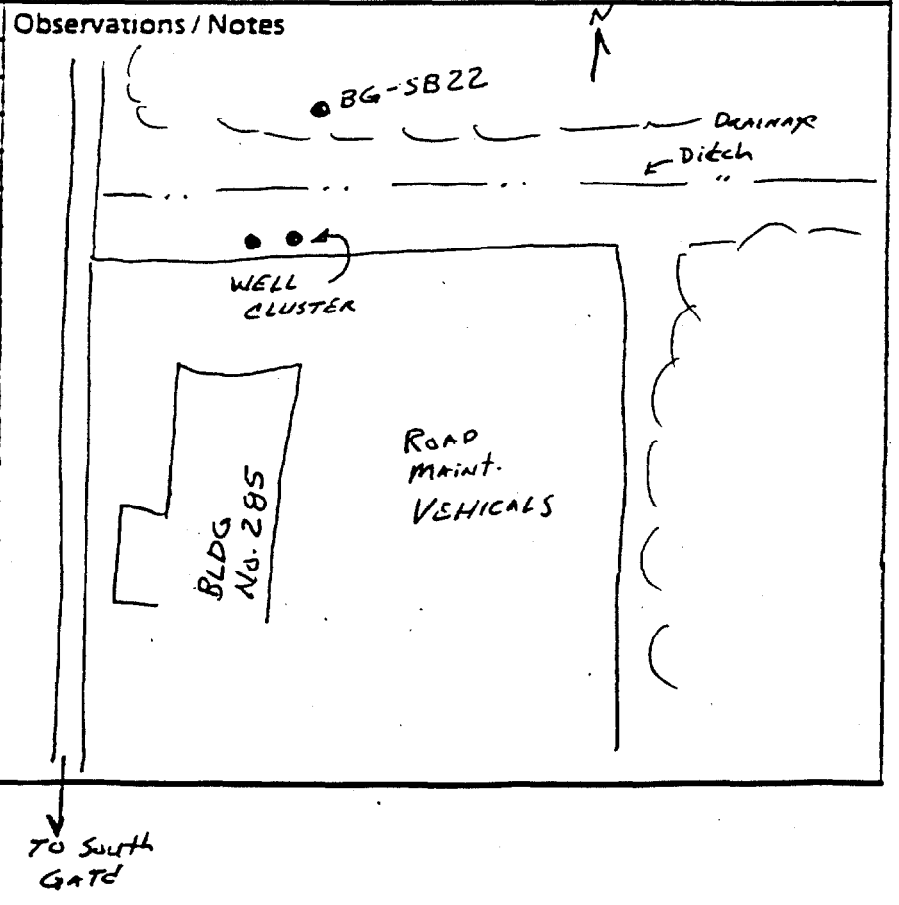
Sample Method: S.S. Trowel	Composite Sample Data		
	Sample	Time	Color / Description
Depth Sampled: 6-12"			
Sample Date & Time: 8/23/94 1105			
Sampled By: VS/TR			
Signature(s):		NA	

Type of Sample	✓ IF TAKEN
☒ Low Concentration	
☐ High Concentration	
☒ Grab	
☐ Composite	
☐ Grab - Composite	

Sample Data	
Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
BROWNISH BLK	F-M Grain Sand

Analysis:	
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST/PCB	
TAL INORGANICS	✓
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
Organic LEAD	
PERMEABILITY	

Observations / Notes



SAMPLE LOG SHEET

Page BG11 of BG13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Sediment
- ☐ Lagoon / Pond
- ☒ Other TEST PIT (TR)

BACKGROUND

~~SITE #~~ (TR)

By TR

C OF C # RECRA BG #01

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG-SB23 Source Location BACKGROUND (RFI)

Sample Method: S.S. Trowel	Composite Sample Data
Depth Sampled: 6-12"	Sample / Time / Color / Description
Sample Date & Time: 8/23/94 1120	
Sampled By: VS / TR	
Signature(s):	

Type of Sample

- ☒ Low Concentration
- ☐ High Concentration
- ☒ Grab
- ☐ Composite
- ☐ Grab - Composite

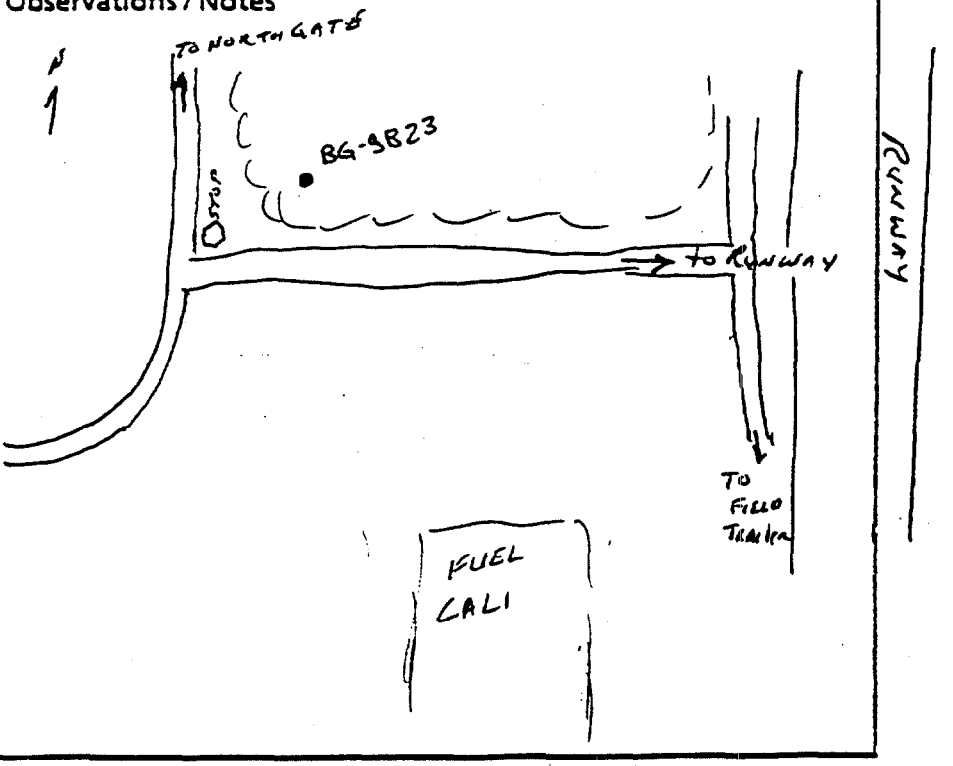
✓ IF TAKEN

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
BROWNISH BLACK	F-C GRAIN SAND w/ PEBBLES DAMP

Analysis:	✓
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST/PCB	
TAL INORGANICS	X
PARTICAL SIZE	
BULK DENSITY	
MOISTURE CONTENT	
TOC	
TPH	
BTU	
TCLP	
ORGANIC LEAD	
PERMEABILITY	

Observations / Notes



SAMPLE LOG SHEET

Page BG12 of BG13

Halliburton NUS CORPORATION

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Sediment
- ☐ Lagoon / Pond
- ■ Other ~~TEST PIT~~ (TR)

BACKGROUND ~~SITE 2~~ (TR)

By TR

C of C # RECRA BG #01

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG-SB17 Source Location BACKGROUND (RFA)

Sample Method: S.S. Trowel	Composite Sample Data		
	Sample	Time	Color / Description
Depth Sampled: 6-12"			
Sample Date & Time: 8/23/94 1140			
Sampled By: VS / TR			
Signature(s):			

NA

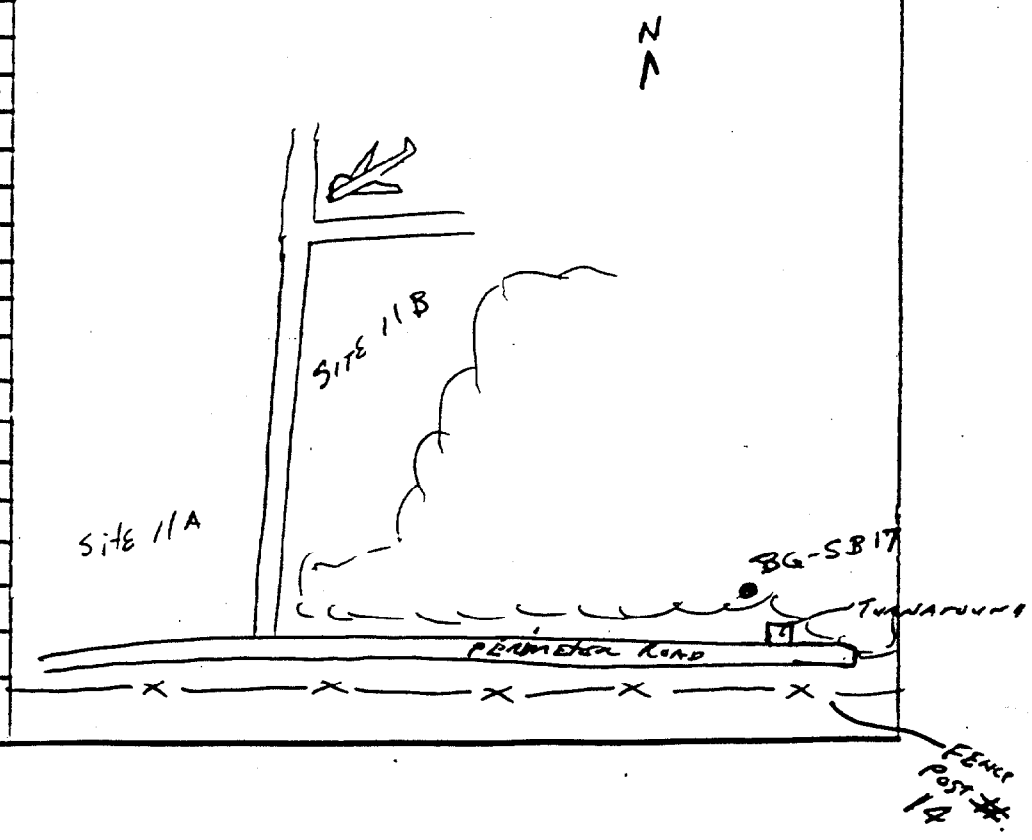
Type of Sample	✓ IF TAKEN
☒ Low Concentration	
☐ High Concentration	
☒ Grab	
☐ Composite	
☐ Grab - Composite	

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)
BRN	F-M GRAIN SAND, DAMP

Analysis:	✓
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST/PCB	
TAL INORGANICS	✓
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
ORGANIC LEAD	
PERMEABILITY	

Observations / Notes



SAMPLE LOG SHEET

Halliburton NUS CORPORATION

Page ____ of ____

- [ ] Surface Soil
- [ ] Subsurface Soil BACKGROUND
- [ ] Sediment
- [ ] Lagoon / Pond
- [x] ~~Other TEST PIT~~ TR

~~SITE 2~~ TR

By TR

C of C # RECRA BG#02

Project Site Name CALVERTON NWIRP Project Site Number 0206

NUS Source No. BG-RB01 Source Location BACKGROUND Rinsate

Sample Method: DI over S.S. Trowel	
Depth Sampled: —	
Sample Date & Time: 8/23/94 1520	
Sampled By: VS & TR	
Signature(s): [signature]	

Composite Sample Data

Sample	Time	Color / Description
	NA	

Type of Sample

- [x] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

✓ IF TAKEN

Sample Data

Color	Description: (Sand, Clay, Dry, Moist, Wet, etc.)

Analysis:	
TCL VOLATILES	
TCL SEMI-VOLATILES & PEST / PCB	
TAL INORGANICS	X
Partical SIZE	
BULK DENSITY	
Moisture Content	
TOC	
TPH	
BTU	
TCLP	
Organic LEAD	
PERMEABILITY	

Observations / Notes

MICCA CHEMICAL CO.
LOT # J279

Rinsate