N61165.AR.003207
CNC CHARLESTON
5090.3a

FINAL RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION REPORT ZONE H VOLUME IV APPENDICES A THROUGH H CNC CHARLESTON SC
7/5/1996
ENSAFE

FINAL RCRA
FACILITY INVESTIGATION REPORT
FOR ZONE H
NAVAL BASE CHARLESTON

VOLUME IV
APPENDICES A-H

CONTRACT N62467-89-D-0318
CTO-029

Prepared for:

Comprehensive Long-Term Environmental Action Navy (CLEAN)
Charleston Naval Shipyard
Charleston, South Carolina

Prepared by:

EnSafe/Allen & Hoshall
5720 Summer Trees Drive, Suite 8
Memphis, Tennessee 38134
(901)383-9115

July 5, 1996

Appendix A

Chain of Custody

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkust
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App. IX							REMARKS
NBCH/656CB0020	8/9/94	1115	Soil	2-40 ml G 1-125 ml G 1-125 ml P	4C	NA	4	X							Full Appendix IX

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/9/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED C. Dhurily		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Sharp to Lab	1100	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA 8240	SVOA 8270	Pest/PCB 8080	Metals 6000/7000	Cyanide 9012	TPH 418.1		REMARKS
NBCH/656SB00101	08/09/94	1000	Soil	2-60 ml G 1-125 ml G D	4°C	N/A	4	X	X	X	X	X	X		
NBCH/656SB00102	↓	1100	↓	"	↓	↓	4	X	X	X	X	X	X		
NBCH/656SB00201	↓	1125	↓	4 ml G 2-125 ml 2-125 ml G D	↓	↓	8	X	X	X	X	X	X		MS/MSD
NBCH/656SB00202	↓	1130	↓	2 ml G 2-125 ml 1-125 ml G D	↓	↓	4	X	X	X	X	X	X		
NBCH/656T[illegible]	—	—	[illegible]	2-4[illegible]	[illegible]	[illegible]	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	08/09/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED C. Dhurity		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME 1700	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.
SPECIAL INSTRUCTION: Overnight Priority

COMMENTS: DQO Level 3
Temp Blank Enclosed

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 2

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NB Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER CTO-2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App. IX							REMARKS
NBCH\013C B00601	8-12-94	0915	Soil	3-250 mL G 3-125 mL G	4°	NA	4	X							
NBCH\013C B01202	8-12-94	1420	"	"	4°	NA	4	X							
Temp Blank							1								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/12/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M Christine Dhooty		PRINTED		PRINTED		PRINTED	
COMPANY E/A & H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 8750 328 134
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 1 of 2

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER CTO 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) M Christine Dhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	8240 VOA	8270 SVOA	8080 Pest/PCB	6010/7000 Metals	9010 Cyanide	418.1 TPH		REMARKS
NBCH\013SB00401	8-12-94	0845	Soil	2-250 ml G 2-125 ml G	4°C	NA	4	X	X	X	X	X	X		
NBCH\013SB00501	↓	0900	↓	↓	↓	↓	8	X	X	X	X	X	X		MS/MSD
NBCH\013SB00601	↓	0915	↓	↓	↓	↓	4	X	X	X	X	X	X		
NBCH\013SB00701	↓	0930	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH\013SB00801	↓	1015	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH\013SB00802	↓	1025	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH\013SB00901	↓	1245	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH\013SB01001	↓	1300	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH\013SB01002	↓	1305	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH\013TB00401	—	—	H_2O	2-40 ml G	↓	HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE M C Dhority	8/12/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M C Dhority		PRINTED		PRINTED		PRINTED	
COMPANY C/NSH	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 875032 2134
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 2 of 2

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base, Charleston
PROJECT MANAGER Todd Haverkost
ADDRESS Zone H
TELEPHONE NO. (901) 372-7962
PROJECT NAME/NUMBER CTO 2908-04510
FAX. NO. (901) 372-2454
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA 8240	SVOA 8270	Pest/PCB 8080	Metals 6000/7000	Cyanide 9010	TPH 418.1		REMARKS
NBCH\013SB01101	8-12-94	1315	Soil	2-125 mL G 2-250 mL G	4°C	NA	4	X	X	X	X	X	X		
NBCH\013SB01102	↓	1400	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH\013SB01201	↓	1410	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH\013SB01202	↓	1420	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH\013SB01301	↓	1430	↓	1-60 mL G	↓	↓	↓	X	X	X	X	X	X		
NBCH\013SB01302	↓	1445	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH\013TB01101	—	—	H_2O	2-40 mL vials	↓	HCl	2	X							

[signature]

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/17/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY E\A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1130	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8750326144
SPECIAL INSTRUCTION: Priority, ON

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

875 032 8123

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER CTO 2908-045 AD
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Aep-IR							REMARKS
NBCH/65LC B00A01	8-10-94	1200	Soil	2-60ml G 1-125ml 1-1 Sms G P	4°	NA	4	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/10/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhority	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A+H		COMPANY		COMPANY		COMPANY	
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.
SPECIAL INSTRUCTION: Cooling ON

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

8750328123

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: CTO 2968-04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Havekost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	8240 VOA	8270 SVOA	8080 Pest/PCB	Metals 6000/7000	Cyanide 9012	TPH 418.1	REMARKS
NBCH/6565B00301	8-10-94	0840	Soil	2-60 ml G 1-125 ml 1-125 ml P	4°	NA	4	X	X	X	X	X	X	
NBCH/6565B00302		0855						X	X	X	X	X	X	
NBCH/6565B00401		0900						X	X	X	X	X	X	
NBCH/6565B00402		0925						X	X	X	X	X	X	
NBCH/6565B00501		1115						X	X	X	X	X	X	
NBCH/6565B00601		1125						X	X	X	X	X	X	
NBCH/6565B00701		1135						X	X	X	X	X	X	
NBCH/6565B00801		1145						X	X	X	X	X	X	
NBCH/6565B00901		1200						X	X	X	X	X	X	
NBCH/6565B00902		1215						X	X	X	X	X	X	

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY: E/A&H		COMPANY		COMPANY		COMPANY	
REASON: Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEX
SHIPMENT NO.
SPECIAL INSTRUCTION: Priority, OV

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

875 032 8123

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT NBC Zone H
ADDRESS
PROJECT NAME/NUMBER CTO 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) M/Christine Drantz

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	8240 VOA	8270 SVOA	8080 Pest/PCB	6000/7000 Metals	9012 Cyanide	TPH 418.1	REMARKS
NBCH/0135B00101	8-10-94	1500	soil	2-60 ml G 1-125 ml 1-125 ml G P	4°C	NA	4	X	X	X	X	X	X	
NBCH/0135B00102	↓	1510	↓	↓	↓	↓	↓	X	X	X	X	X	X	
NBCH/0135B00201	↓	1525	↓	↓	↓	↓	↓	X	X	X	X	X	X	
NBCH/0135B00202	↓	1535	↓	2-60 ml G 1-125 ml 1-250 ml G P	↓	↓	↓	X	X	X	X	X	X	
NBCH/0135B00301	↓	1545	↓	"	↓	↓	↓	X	X	X	X	X	X	
NBCH/0135B00302	↓	1545	↓	2-250 ml G 2-60 ml G	↓	↓	↓	X	X	X	X	X	X	
NBCH/0135B00101	—	—	H_2O	2-40 ml vials	4°C	HCl	2	X						

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE See	8/10/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY PS1	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT:
SHIPMENT NO. See PS1
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 2

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
PROJECT MANAGER Todd Hoverkost
ADDRESS Zone H
TELEPHONE NO. 803 747 7937
PROJECT NAME/NUMBER CTO 2908-04570
FAX. NO. 803 747 7946
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE) M C Dhealy

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APP IX	ANALYSIS REQUIRED: VOA						REMARKS
NBCH/013CB01602	8-15-94	1640	Soil	2-125 ml G 4-250 ml G	4°	None	6	X							
NBCH/013CB02101	↓	1140	↓	↓	↓	↓	6	X							
NBCH/662CB00201	↓	1450	↓	↓	↓	↓	6	X							
NBCH/013TB01602	8-15-94	—	H_2O	2-40 ml vial	↓	HCl	2		X						
Temp Blank															

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE M C Dhealy	8/15/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M C Dhealy		PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1900	REASON		REASON		REASON	

METHOD OF SHIPMENT: Lodey
SHIPMENT NO. 8750328171
SPECIAL INSTRUCTION: Prior ON

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 2

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER CTO-2908 04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Tom Hoover Kost
TELEPHONE NO. (903) 747-7937
FAX. NO. (903) 747-7946
SAMPLERS: (SIGNATURE) M Christine Dhurity

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cn-	TPH		REMARKS
NBCH/662SB00101	8/15/94	1430	Soil	2-125g 2-250G	4°C	None	4	X	X	X	X	X	X		
NBCH/662SB00102	↓	1445	↓	↓	↓		↓	X	X	X	X	X	X		
NBCH/662SB00201	↓	1450	↓	↓	↓		↓	X	X	X	X	X	X		
NBCH/662SB00202	↓	1500	↓	↓	↓		↓	X	X	X	X	X	X		
NBCH/662SB00301	↓	1525	↓	↓	↓		↓	X	X	X	X	X	X		
NBCH/662SB00302	↓	1530	↓	↓	↓		↓	X	X	X	X	X	X		
NBCH/662SB00401	↓	1510	↓	↓	↓		↓	X	X	X	X	X	X		
NBCH/662SB00402	↓	1520	↓	↓	↓		↓	X	X	X	X	X	X		

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE M C Dhurity	9/15/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M C Dhurity		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Job	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION: Prior ON

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

✓ Cooler 1 of 2

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: CTO 2908-04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverhist
TELEPHONE NO.: 803-747-7937
FAX. NO.: 803-747-7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA 8240	SVOA 8270	Pest/PCB 8080	Metals 6010 7000	Cyanide	TPH		REMARKS
NBCH/0135B01401	8-15-94	0925	Soil	2-125 ml G 2-250 ml G	4°C	None	4	X	X	X	X	X	X		
NBCH/0135B01402	↓	0930	↓	↓	↓	↓	↓	X	X	X	X	X	X		MS/MSD ✓
NBCH/0135B01501	↓	0950	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/0135B01601	↓	1015	↓	↓	↓	↓	↓	X	X	X	X	X	X		MS/MSD
NBCH/0135B01602	↓	1040	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/0135B01701	↓	1040	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/0135B01702	↓	1045	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/0135B01801	↓	1100	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/0135B01802	↓	1110	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/0135B01901	↓	1120	↓	↓	↓	↓	↓	X	X	X	X	X	X		

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	9/14/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M C Thornton		PRINTED:		PRINTED:		PRINTED:	
COMPANY: C/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1900	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO.: 8750328156
SPECIAL INSTRUCTION: Paint ON

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

cooler 1 of 2

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: See Pg 1
ADDRESS:
PROJECT NAME/NUMBER:
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: See pg 1
TELEPHONE NO.:
FAX. NO.:
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA 8240	SVOA 8270	Pest Pcb 8080	Metals Grid-Z	TPH 418.1	Cyanide 9010		REMARKS
NBCH/013SB02001	8-15-94	1140	soil	2-125 ml G 2-250 ml G	4°	None	4	X	X	X	X	X	X		
NBCH/013SB01962	↓	1125	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/013SB02002	↓	1145	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/013SB02101	↓	1150	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/013SB02102	↓	1200	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/013TB01101	8-15-94	—	H2O	2-40 ml vial	↓	HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8/15/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED See pg 1		PRINTED		PRINTED		PRINTED	
COMPANY	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON	1100	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: D203

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

Cooler 2 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hauckert
TELEPHONE NO. 901 372 7962
FAX. NO. 901 372 2454
SAMPLERS: (SIGNATURE) MCDhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Hrp IV	ANALYSIS REQUIRED: VOA						REMARKS
NBCH/017EB00402	8-16-94	1700	H2O	9-1L 3-HDPE 3-VOA vials	4°C	—	15	X							
NBCH/017TB00101	"	—	"	2 VOA vials	4°C	HCl	2		X						

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MCDhority	8/16/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhority		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to Lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 875038182
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER CTO 2968-C4520
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Havekost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) M C Dhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA 8240	SVOA 8270	Pest PCB 8080	Metals 6010	Cyanide 9010	TPH 418.1		REMARKS
NBCH/017SB00101	8-16-94	0920	Soil	2-2 oz G 6-4 oz G	4°	None	8	X	X	X	X	X	X		MS/MSD
NBCH/017SB00201		1025		1-2 oz G 3-4 oz G			4	X	X	X	X	X	X		
NBCH/017SB00301		1100						X	X	X	X	X	X		
NBCH/017SB00302		1105						X	X	X	X	X	X		
NBCH/017SB00401		1135						X	X	X	X	X	X		MS/MSD
NBCH/017SB00402		1140						X	X	X	X	X	X		
NBCH/017SB00601		1045						X	X	X	X	X	X		
NBCH/017SB00602		1055						X	X	X	X	X	X		
NBCH/013SB02201		1346						X	X	X	X	X	X		
NBCH/013SB02202		1345						X	X	X	X	X	X		MS/MSD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE M C Dhority	4/16/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhority		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	180	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 2

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT NBC
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 901-372-7962
FAX. NO. 901-372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA 8240	SVOA 8270	Pest/PCB 8080	Metals 6010/7000	CN- 9010	TPH 418.1		REMARKS
NBCH/013SB02301	8-16-94	1400	Soil	1-2oz 3-4oz	4	None	4	X	X	X	X	X	X		
NBCH/013SB02302	"	1410	"	"	"	"	4	X	X	X	X	X	X		

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	7/14/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED See pg 1		PRINTED		PRINTED		PRINTED	
COMPANY	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON	1400	REASON		REASON		REASON	

METHOD OF SHIPMENT:
SHIPMENT NO.
SPECIAL INSTRUCTION: See pg 1

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hanckost
TELEPHONE NO. 901-372-7962
FAX. NO. 901-372-2454
SAMPLERS: (SIGNATURE) MC Dhanty

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APP IX	ANALYSIS REQUIRED: VOA						REMARKS
NBCH/0178B00402	3-16-94	1140	Soil	1-2oz 5-4oz	4°C	None	6	X							
NBCH/0138B02201	"	1340	"	"	"	"	6	X							
NBCH/0178B00402	"	—	H_2O	2-40 ml Vial	"	HCl	2		X						

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MC Dhanty	3/16/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhanty		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shuptodab	1900	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed EX
SHIPMENT NO.
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Navy Base Charleston
ADDRESS: Zone 11
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haver Kost
TELEPHONE NO.: (803) 747-7137
FAX. NO.: (803) 747-7746
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA 8240	SVOA 8270	Pest/HPB 8080	Metals 6010/7000	Cyanide 9010	TPH 4181		REMARKS
NBC11/017SB00501	8-17-94	0845	Soil	(1) 2 oz G (3) 4 oz G	4°C	None	4	X	X	X	X	X	X		
NBC11/017SB00502	8-17-94	0900						X	X	X	X	X	X		
NBC11/017SB00501	8-17-94	0940						X	X	X	X	X	X		
NBC11/017SB00702	8-17-94	0950						X	X	X	X	X	X		
NBC11/017SB00801	8-17-94	1020						X	X	X	X	X	X		
NBC11/017SB00802	8-17-94	1030						X	X	X	X	X	X		
NBC11/017SB00901	8-17-94	1040						X	X	X	X	X	X		
NBC11/017SB00102	8-17-94	1050						X	X	X	X	X	X		
NBC11/017SB01001	8-17-94	1105						X	X	X	X	X	X		
NBC11/017SB01002	8-17-94	1115						X	X	X	X	X	X		

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: M C Dhourity	8/17/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M C Dhourity		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1700	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 8150328193
SPECIAL INSTRUCTION: ON.

COMMENTS: D003

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: Navy Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: [illegible]
TELEPHONE NO.: (803) 747-7157
FAX. NO.: (803) 747-7946
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA 8240	SVOA 8270	Pest PCB 8080	Metals 6010 7000	Cyanide 9010	TPH 4131		REMARKS
NBCH/017SB01101	8-17-94	1105	Soil	2-2 oz 2-4 oz	4°C	None	4	X	X	X	X	X	X		
NBCH/017SB01102	8-17-94	1210	"	"	↓	"	4	X	X	X	X	X	X		
NBCH/017TB00701	8-17-94	—	H_2O	2-40 ml vials	↓	HCl	2	X							

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [illegible]	8/17/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: MC Dhenkel	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: E/A&H	1700	COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8750328193
SPECIAL INSTRUCTION: C.N.

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 2 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 7508-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED App IX	ANALYSIS REQUIRED VOA						REMARKS
NBCH/017TB00501	8-17-94	1500	H_2O	9-1 LG 3-40 ml 3 HDPE	4°C	None	15	X							
NBCH/017TB00501	"	—	"	2-40 ml	4°C	HCl	2		X						

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/17/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhority		PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8150328193
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVY BASE CHARLESTON
PROJECT MANAGER: TODD HAVERKOST
ADDRESS: ZONE H
TELEPHONE NO.: 901/372-7962
PROJECT NAME/NUMBER: 2908-04510
FAX. NO.: 901/372-2454
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Appendix 9	ANALYSIS REQUIRED: VOAs						REMARKS
NBCH/650C B00301	8/22/94	1335	S	2-2oz./4-4oz.	4°C	NONE	6	X							
NBCH/649C B00101	↓	1355	↓	↓	↓	↓	↓	X							TM
~~Trip blank~~	↓		~~W~~	~~2-40ml~~	↓										
NBCH/650T B00301	8/22/94		W	2-40ml	4°C	HCl	2		X						Temp Blank

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/22/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Tim MOORE		PRINTED		PRINTED		PRINTED	
COMPANY EnSafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNL

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVY BASE CHARLESTON
PROJECT MANAGER TODD HAVERKOST
ADDRESS ZONE H
TELEPHONE NO. (901) 372-7962
PROJECT NAME/NUMBER 2906-04510
FAX. NO. (901) 372-2454
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA 8240	SEMI VOLAS 8270	PESTICIDES 8080	PCBS 8080	METALS 6010/7000	CN 9010		REMARKS
NBCH/6505B00101	8/22/94	1300	S	1-2 oz./2-4 oz.	4°C	NONE	3	X	X	X	X	X	X		
NBCH/6505B00201	↓	1325	↓	↓	↓	↓	3	↓	↓	↓	↓	↓	↓		
NBCH/6505B00301		1335					3								
NBCH/6495B00101		1355					3								
NBCH/6495B00201		1410					3								
NBCH/6495B00301		1420					3								
NBCH/6495B00401		1435					6								ms/msD
NBCH/6495B00501		1445					3								
NBCH/6505B00401	↓	1545	↓	↓	↓	↓	3	↓	↓	↓	↓	↓	↓		

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8/22/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Tim MOORE		PRINTED		PRINTED		PRINTED	
COMPANY EnSafe	TIME 1700	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

436CUST1

COOLER 1 - Dup

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: TODD HAVERKOST
TELEPHONE NO.: 901/372-7962
FAX. NO.: 901/372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Appendix 9							REMARKS
N8C11/666C800301	8/23/94	0905	S	5-4oz / 1-2oz	4°C	NONE	6	X							
~~N8C11/666C800202~~		~~1255~~		~~1m~~											

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/23/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED TIM R. MOORE	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EnSafe	1700	COMPANY		COMPANY		COMPANY	
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT:
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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COOLER 2- Top

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVAL BASE CHARLESTON
ADDRESS ZONE H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER TODD HAVERKOST
TELEPHONE NO. 901/372-7962
FAX. NO. 901/372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Appendix 9	ANALYSIS REQUIRED							REMARKS
NBCH/18GB00202	8/23/94	1255	S	5-4oz/1-2oz	4°C	NONE	6									

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/23/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED TIM R. MOORE	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EnSafe	1700	COMPANY		COMPANY		COMPANY	
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT:
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

COOLER L

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: TODD HAVERKOST
TELEPHONE NO.: 901/372-7962
FAX. NO.: 901/372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SV/Pest/PCB	TPH	Metals/CN-				REMARKS
NBCH/1785B00101	8/23/94	1230	S	3-4oz/1-2oz	4°C	NONE	4	X	X	X	X				
NBCH/1785B00102	08/23/94	1245													
NBCH/1785B00201		1245													
NBCH/1785B00202		1255													
NBCH/1785B00301		1305													
NBCH/1785B00302		1310													
NBCH/1785B00401		1310													
NBCH/1785B00402		1325													
NBCH/1785B00501		1320													
NBCH/1785B00502		1345													

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	8/23/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: TIM MOORE	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: EnSafe	1700	COMPANY:		COMPANY:		COMPANY:	
REASON: Shipment		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT:
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS:
DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

COOLER 1

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: TODD HAUERKOST
TELEPHONE NO.: 901/372-7962
FAX. NO.: 901/372-7454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA								REMARKS
NBCH/17STB00101	8/23/94		L	2-40ml	4°C	HCl	2	X								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8/23/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Tim Moore	TIME	PRINTED		PRINTED		PRINTED	
COMPANY: EnSafe	1700	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT:
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVAL BASE CHARLESTON
ADDRESS ZONE H
PROJECT NAME/NUMBER 2906-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER TODD HAVERKOST
TELEPHONE NO. 901/372-7962
FAX. NO. 901/372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	Appendix G						REMARKS
NBCH/178TB00202	8/23/94		W	2-40ml	4°C	HCl	2	X							
NBCH/178EB00202	8/23/94	1600	W	{9-1L Amber/3-40ml 3-Poly}	4°C	NONE	15		X						

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/23/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Jim R. Moore	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EnSafe	1700	COMPANY		COMPANY		COMPANY	
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT:
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT NAVAL BASE CHARLESTON
ADDRESS ZONE H
PROJECT NAME/NUMBER 2906-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER TODD HAUERKUST
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SW/PST/PCB	TPH	Metals/CN-				REMARKS
NBCH/666SB00101	8/23/94	0830	S	2-4oz/2-2oz	4°C	NONE	4	X	X	X	X				
NBCH/666SB00102		0840													
NBCH/666SB00201		0850													
NBCH/666SB00202		0900													
NBCH/666SB00301		0905		3-4oz/1-2oz											
~~NBCH/666SB00301~~		~~0905~~													TM
NBCH/666SB00302		0910													
NBCH/666SB00401		0915													
NBCH/666SB00402		0925													
NBCH/666SB00501		0930													

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8/23/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Tim Moore	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY ENSAFE		COMPANY		COMPANY		COMPANY	
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT:
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 1

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT NAVAL BASE CHARLESTON
ADDRESS ZONE H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER TODD HAVERKOST
TELEPHONE NO. 901/372-7962
FAX. NO. 901/372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOC/PCB	TPH	Metals/CN-				REMARKS
NBCH/666S800502	8/23/94	0935	S	3-4oz/1-2oz	4°C	NONE	4	X	X	X	X				
NBCH/666S800601		0945		"			4	X	X	X	X				
NBCH/666S800701		0955		6-4oz/2-2oz			8	X	X	X	X				MS/MSD
NBCH/666S800702		1000		"			8	X	X	X	X				
NBCH/666TB00101		NA	H_2O	2 40mL VOA vials		HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8/23/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Jim Moore	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EnSafe		COMPANY		COMPANY		COMPANY	
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT:
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS:
DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 ~~2~~ DN OF 1

CLIENT NAVAL BASE CHARLESTON
ADDRESS ZONE H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER TODD HAVERKOST
TELEPHONE NO. 901-372-7462
FAX. NO. 901-372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	APPENDIX 9							REMARKS
NBCH/GWX.B00.501	8.24.94	1010	S	1-2oz.:5-4oz.	4°C	NONE	6	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8/24/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED DAVID P. NIESSE	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H		COMPANY		COMPANY		COMPANY	
REASON SHIPMENT		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 2750328215
SPECIAL INSTRUCTION: PRIORITY ON

COMMENTS: DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908.04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: TODD HAVERKOST
TELEPHONE NO.: 901-372-7962
FAX NO.: 901-372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/PEST/PCB	METALS/CN					REMARKS
NBCH\660SB00401	8-24-94	1048	S	1-2oz; 2-4oz	4°C	NONE	3	X	X	X					
NBCH\660SB00501		1010	S	1-2oz; 2-4oz	4°C	NONE	3	X	X	X					
NBCH\660SB00601		1040	S				3	X	X	X					
NBCH\660SB00602		1045	S				3	X	X	X					
NBCH\660SB00701		1025	S				3	X	X	X					
NBCH\660SB00702		1035	S				3	X	X	X					
NBCH\660SB00801		0930	S				3	X	X	X					
NBCH\660TB00501		N/A	W	2-40ml VIALS		HCL	2	X							TRIP BLANK

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8/24/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: DAVID P. NIESSE	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY: E/A&H		COMPANY		COMPANY		COMPANY	
REASON: SHIPMENT		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO.: 8750328215
SPECIAL INSTRUCTION: ~~Priority~~ ON

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Order 1 of 1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803-747-7937
FAX NO. 803-747-7946
SAMPLERS: (SIGNATURE) MChristy

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide	TPH		REMARKS
NBCH/178SB00602	8/25/94	1100	soil	1 2oz wm glass 2-4oz wm glass	4°C	None	3	X	X	X	X	X	X		
NBCH/178SB00601		1050		2-2oz wm glass 4-4oz wm glass			6	X	X	X	X	X	X		MS/MSD
NBCH/660SB00301		0900		1-2oz wm glass 2-4oz wm glass			3	X	X	X	X	X			
NBCH/660SB00101		0910					3	X	X	X	X	X			
NBCH/660SB00201		0905					3	X	X	X	X	X			
NBCH/178TB00601		—	H_2O	2-40 ml vials		HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MChristy	8/25/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MChristy	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H		COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 8750320226
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

Cooler 2 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2508-04570
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803 747 7937
FAX. NO. 803 747 7946
SAMPLERS: (SIGNATURE) MC Dhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Appendix IV								REMARKS
NBCH/665CB00202	8/26/94	0855	Soil	1-2oz 5-4oz	4°	None	6	X								
NBCH/[illegible]CB00201	↓	1105	↓	↓	↓	↓	6	X								
NBCH/653CB00301	↓	1445	↓	↓	↓	↓	6	X								
NBCH/665TB00202	↓	NA	H_2O	2-40ml vials	4°	HCl	2		X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MC Dhority	8/26/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhority	TIME 1800	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H		COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 808 570 4565
SPECIAL INSTRUCTIONS: Hold on Sat Delivery

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 2 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803 747 7937
FAX. NO. 803 747-7946
SAMPLERS: (SIGNATURE) MCDhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide	TPH		REMARKS
NBCH/1215B00301	8/26/94	1305	Soil	1-2oz 2-4oz	4°	None	3	X	X	X	X	X			
NBCH/6535B00101	↓	1410	↓	1-2oz 3-4oz	↓	↓	4	X	X	X	X	X	X		
NBCH/6535B00201	↓	1400	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/6535B00301	↓	1445	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/6535B00401	↓	1430	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/6535B00302	↓	1455	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/6535B00102	↓	1415	↓	↓	↓	↓	↓	X	X	X	X	X	X		

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MCDhority	8/26/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MCDhority		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 8085104565
SPECIAL INSTRUCTION: Rush on Sat Delivery

COMMENTS:

DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04570
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803 747 7937
FAX. NO. 803 747 7946
SAMPLERS: (SIGNATURE) MCDhority

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide	TPH		REMARKS
NBCH/665SB00101	8/26/94	0830	Soil	1-2 oz 3-4 oz	40	None	4	X	X	X	X	X	X		
NBCH/665SB00102	↓	0840	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/665SB00201	↓	0850	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/665SB00202	↓	0855	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/665SB00301	↓	0910	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/665SB00302	↓	0915	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/665SB00401	↓	0925	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/665SB00402	↓	0935	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/121SB00101	↓	1035	↓	1-2 oz 2-4 oz	↓	↓	3	X	X	X	X	X			
NBCH/121SB00501	↓	1050	↓	"	↓	↓	3	X	X	X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MCDhority	8/26/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MCDhority		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 9085104565
SPECIAL INSTRUCTION: Priority ON Sat. Delivery

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [X] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOC

Cooler 1 of 2

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: See pg 1
ADDRESS:
PROJECT NAME/NUMBER:
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER:
TELEPHONE NO.: See pg 1
FAX NO.:
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOAs	SVOAs	Pest/PCB	Metals	Cyanide			REMARKS
NBCH/121SB00401	8-26-94	1315	Soil	1-2oz 2-4oz	4°	None	3	X	X	X	X	X			
NBCH/121SB00201	↓	1105	"	"	↓	"	3	X	X	X	X	X			
NBCH/121TB00401	↓	NA	H_2O	2-40 ml vials	↓	HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	8/26/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M C Dhority		PRINTED:		PRINTED:		PRINTED:	
COMPANY: ZIA&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1800	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 808 5104565
SPECIAL INSTRUCTIONS: Priority ON Sat Delivery

COMMENTS: D203

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2508-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803 747-7937
FAX. NO. 803-747-7946
SAMPLERS: (SIGNATURE) MC Dhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: ADD. TK	ANALYSIS REQUIRED: VOA						REMARKS
NBCH/017CB00201	8/17/94	0850	Soil	1-2 oz 5-4 oz	4°	None	6	X							
NBCH/017TB00101	8/23/94	N/A	H_2O	2-40 ml vials	4°	HCl	2		X						

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/24/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhority		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085104591
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 2 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04570
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803 747-7937
FAX. NO. 803 747-7946
SAMPLERS: (SIGNATURE) MCDhoutz

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide			REMARKS
NBCH/019SB00101	8/27/99	0825	Soil	2-2 oz 4-4 oz	4°C	None	6	X	X	X	X	X			MS/MSD
NBCH/019SB00102	↓	0835	↓	1-2 oz 2-4 oz	↓	↓	3	X	X	X	X	X			
NBCH/019SB00201	↓	0850	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/019SB00301	↓	0915	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/019SB00401	↓	0930	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/019SB00402	↓	0945	↓	↓	↓	↓	↓	X	X	X	X	X			

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MCDhoutz	8/29/99	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MCDhoutz		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1100	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085104571
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803 747 7937
FAX. NO.: 803 747 7946
SAMPLERS: (SIGNATURE) M C Dhurity

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide			REMARKS
NBCH/667SB00101	8-29-94	1255	Soil	1-2 oz 2-4 oz	4°	None	3	X	X	X	X	X			
NBCH/667SB00102		1415						X	X	X	X	X			
NBCH/667SB00201		1415						X	X	X	X	X			
NBCH/667SB00202		1425						X	X	X	X	X			
NBCH/667SB00301		1430						X	X	X	X	X			
NBCH/667SB00302		1435						X	X	X	X	X			
NBCH/667SB00401		1445						X	X	X	X	X			
NBCH/667SB00402		1455						X	X	X	X	X			
NBCH/138SB00101		1320						X	X	X	X	X			
NBCH/138SB00102		1330						X	X	X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: M C Dhurity	8/29/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M C Dhurity	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: E/AH	1700	COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 8085104591
SPECIAL INSTRUCTION: Pairington

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT See Pg 1
ADDRESS
PROJECT NAME/NUMBER
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER See Pg 1
TELEPHONE NO.
FAX. NO.
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide			REMARKS
NBCH/138SB00201	8-25-94	1305	Soil	1-2oz 2-4oz	4°	None	3	X	X	X	X	X			
NBCH/138SB00202	↓	1315	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/138SB00301	↓	1340	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/138SB00302	↓	1346	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/669TB00101	↓	—	H_2O	1-40 ml vial	↓	HCl	1	X							

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/26/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M C Dhoriwal	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H	1700	COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT:
SHIPMENT NO.
SPECIAL INSTRUCTION: See Pg 1

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

Cooler 2 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-04570
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 8037477937
FAX. NO.: 8037477946
SAMPLERS: (SIGNATURE) M C Dhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APP. IX							REMARKS
NBCH/667CB00201	8-29-94	1415	Soil	1-2 5-4 oz	4°	None	6	X							
NBCH/138CB00201	"	1305	"	"	4°	None	6	X							

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
SIGNATURE: M C Dhority	4/20/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M C Dhority		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A & H		COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8085104591
SPECIAL INSTRUCTION: Driving On

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 3 of 3
EnSafe 03 cooler

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
PROJECT MANAGER: Todd Haverkost
ADDRESS: Zone H
TELEPHONE NO. 803 747 7137
PROJECT NAME/NUMBER: 2908-04510
FAX. NO. 803 747 7946
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide	TPH	REMARKS
NBCH/659SB00101	8/31/99	1320	soil	1-250 3-4oz	4°C	None	4	X	X	X	X	X	X	
NBCH/659SB00102		1325						X	X	X	X	X	X	* highly contaminated
NBCH/659SB00201		1330						X	X	X	X	X	X	
NBCH/659SB00202		1340						X	X	X	X	X	X	* highly contaminated
NBCH/659SB00301		1340						X	X	X	X	X	X	
NBCH/659SB00302		1345						X	X	X	X	X	X	* highly contaminated
NBCH/659SB00401		1350						X	X	X	X	X	X	
NBCH/659SB00402		1400		1-250 2-4oz				X	X	X	X	X	X	* highly contaminated

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8/31/99	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY E/A II	TIME 1700	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 8035105257
SPECIAL INSTRUCTION: Preserve ON

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 3 of 3

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT
ADDRESS See pg 1
PROJECT NAME/NUMBER
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER
TELEPHONE NO. See pg 1
FAX. NO.
SAMPLERS: (SIGNATURE) MC Dhurty

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APP. IX	ANALYSIS REQUIRED: VOA						REMARKS
NACH/659CB00101	8/31/94	1320	Soil	1-2.5 5-4 Hg	4°C	None	6	X							
NACH/659TB00101	"	—	H2O	2-40 ml G	4°C	HCl	2		X						

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MC Dhurty	8/31/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhurty	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY [illegible]	1700	COMPANY		COMPANY		COMPANY	
REASON Shipment Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 8085105254
SPECIAL INSTRUCTION: Priority ON

COMMENTS: * DQO 4 *

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 2 of 5

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803-747-7937
FAX. NO. 803-747-7946
SAMPLERS: (SIGNATURE) MC Dhonty

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	ANALYSIS REQUIRED: VOA						REMARKS
NBCH/663EB00101	8/31/94	1300	H_2O	3-40 ml G 3-HDPE 9-1LAG	4°C	None	15	X							
NBCH/663TB00102	"	—	H_2O	2-40 ml G	4°C	HCl	2		X						

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MC Dhonty	8/31/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhonty		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 8085105254
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [X] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 2
EnSafe Ø 2 cooler

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2608-04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803-747-7937
FAX. NO. 803-747-7946
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	metals	Cyanide	TPH		REMARKS
NBCH/6635B00101	8-31-94	Ø855	Soil	3-4oz	4°	N/A	8	X	X	X	X	X	X		MS/MSD
NBCH/6635B00201		Ø925		3-4oz			4	X	X	X	X	X	X		
NBCH/6635B00401		Ø945						X	X	X	X	X	X		
NBCH/6635B00402		Ø955						X	X	X	X	X	X		
NBCH/6635B00501		1005						X	X	X	X	X	X		
NBCH/6635B00502		1010						X	X	X	X	X	X		
NBCH/1365B00201		1015						X	X	X	X	X	X		

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8/31/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FEDEX
SHIPMENT NO. 8085105254
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

Cooler 1 of 3

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT See Pg 1
ADDRESS
PROJECT NAME/NUMBER
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER See Pg 1
TELEPHONE NO.
FAX. NO.
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	ANALYSIS REQUIRED: VOC						REMARKS
NBCH/6636B00201	8-31-94	0925	Soil	1-2 oz 5-4 oz	4°C	NA	6	X							
NBCH/6635B00101	↓	1200	↓	↓	↓	↓	↓	X							
NBCH/6636B00101	↓	1210	↓	↓	↓	↓	↓	X							
NBCH/6637B00101	↓	—	H_2O	2 40 ml	↓	HCl	2		X						

MC

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/31/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Blurity		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085105254
SPECIAL INSTRUCTION: Priority ON

COMMENTS: * DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler: EnSafe 04

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803 747 7937
FAX. NO.: 803 747 7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide	TPH		REMARKS
NBCH/655SB00101	09/01/94	0910	Soil	1-2oz 3-4oz	4°C	N/A	4	X	X	X	X	X	X		
NBCH/655SB00102		0915						X	X	X	X	X	X		
NBCH/655SB00201		0920						X	X	X	X	X	X		
NBCH/655SB00301		0840						X	X	X	X	X	X		
NBCH/655SB00302		0855						X	X	X	X	X	X		
NBCH/655SB00401		0900						X	X	X	X	X	X		
NBCH/655SB00402		0905						X	X	X	X	X	X		
NBCH/655TB00101	09/01/94	—	H_2O	240 ml		HCl	2	X	—						
Temp Blank					4°C		1								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	9/1/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1200	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 808 5105232
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

COOLER 2 OF

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]
ADDRESS [illegible]
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER [illegible]
TELEPHONE NO. [illegible] 747 7957
FAX. NO. [illegible] 747 7946
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: VOA	[illegible]	[illegible]	[illegible]				REMARKS
[illegible]	7 14	[illegible]	[illegible]	[illegible]	4	[illegible]	4	X	X	X	X				
[illegible]		[illegible]					4	X	X	X	X				
[illegible]		1005		[illegible]			0	X	X	X	X				MS/MSD
[illegible]		0930		[illegible]			4	X	X	X	X				
[illegible]		1400		[illegible]			0	X	X	X					
[illegible]		1420						X	X	X					
[illegible]		1435						X	X	X					
[illegible]		1420						X	X	X					
~~[illegible]~~ LN															

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON	[illegible]	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. 8085105210
SPECIAL INSTRUCTION: _____

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 2 of 3

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Bde [illegible]
ADDRESS: [illegible] 4
PROJECT NAME/NUMBER: [illegible] 84510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: [illegible]
TELEPHONE NO.: 803 747-7937
FAX. NO.: 803 747 7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Appl. 9	TPH	Hex Cr	App. IX VOA				REMARKS
NBCH/[illegible]CB00[illegible]	9.7.94	0930	Soil	[illegible] 4oz	4°	[illegible]	6	X	X	X					
~~NBCH/654CB00101~~	~~9.7.94~~	~~1500~~	~~Soil~~	~~[illegible] 5.4oz~~	~~4°~~	~~[illegible]~~	~~6~~	~~X~~	~~X~~	~~X~~					
NBCH/655TB00502	9.7.94	1730	H2O	2 40 ml	4°	None	2				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	9.7.94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO.: 8085105210
SPECIAL INSTRUCTION:

COMMENTS:

DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Copies 3 of 3

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2508-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Havekost
TELEPHONE NO. 803 747 7937
FAX. NO. 803 747 7946
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Metals	Cyanide	Dest/PCB			REMARKS
NBCH/654SB00301	9-7-94	1455	Soil	3-4oz	4°	None	3	X	X	X	X	X			
NBCH/654SB00302		1505						X	X	X	X	X			
NBCH/654SB00501		1530						X	X	X	X	X			
NBCH/654SB00601		1540						X	X	X	X	X			
NBCH/654SB00602		1600						X	X	X	X	X			
NBCH/654SB00701		1545						X	X	X	X	X			
NBCH/654SB00702		1555						X	X	X	X	X			
NBCH/654TB00301		1730	H_2O	2-40 ml			2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	9-7-94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON	1725	REASON		REASON		REASON	

METHOD OF SHIPMENT:
SHIPMENT NO. 8085105210
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 3

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd [illegible]
TELEPHONE NO.: 803 747 7137
FAX. NO.: 803-747-7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA pest/PCB	Metals/Cyanide	TOC/Grain Size	Organotin			REMARKS
NBCH ~~CASY~~ 009M000101	9/7/94	1314	Slight	2oz glass	4°C	None	1	X							
↓	↓	↓	↓	4oz glass	↓	↓	5		X	X	X	X			
NBCH ~~CASY~~ 009M000401	↓	1430	↓	2oz glass	↓	↓	1	X							
↓	↓	↓	↓	4oz glass	↓	↓	5		X	X	X	X			
NBCH ~~CASY~~ 009M000501	↓	1320	↓	2oz glass	↓	↓	2	X							MS/MSD
↓	↓	↓	↓	4oz glass	↓	↓	10		X	X	X	X			MS/MSD
NBCH/009T000101	9/7/94	—	H_2O	2-40 ml	4°C	↓	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	9/7/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Fred Swan		PRINTED:		PRINTED:		PRINTED:	
COMPANY: EnSafe	TIME 1636	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Analysis		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO.:
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 2 of 2 - Eddie Pensacola Cooler

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hoverkost
TELEPHONE NO. 803 7477937
FAX. NO. 803 747 7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Metals	Pest/PCB	Cyanide			REMARKS
NBCH/009W000101	9 8-94	1650	H_2O	3-40 ml 1-1L HNO3 3-1L AG 1-500 ml D	4°	VOA HCl Metals HNO3 Cy-NaOH	8	X	X	X	X	X			
NBCH/009W000401	↓	1612	↓	9-40 ml 3-1L HNO3 9-1L AG 3-500 ml D	↓	"	24	X	X	X	X	X			MS/MSD
NBCH/009T000401	↓	1805	↓	2-40 ml	↓	None	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8 Sept 94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED B Cornelius		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1830	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085105195
SPECIAL INSTRUCTION: [signature]

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 2
Ensafe Cooler # 7

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Hverkost
TELEPHONE NO.: 8037477937
FAX. NO.: 8037477946
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Appendix IX	TPH	Hex Chrome	TOC	Grainsize	Organotin	Appendix IX Vol	REMARKS
NBCH/009N001001	9-8-94	1125	Sed	1-2oz 7-4oz	4°	None	8	X	X	X	X	X	X		
NBCH/009T001001	9-8-94	1800	H_2O	2-40mL	4°	None	2							X	

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE:	8/9/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: J. Cornelius	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: E/A&H	1800	COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 8065105195
SPECIAL INSTRUCTION:

COMMENTS: DQO 4
* TOC, grainsize at DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

cooler 1 of 2
Ensafe cooler #7

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
PROJECT MANAGER Todd Haverkost
ADDRESS Zone H
TELEPHONE NO. 8037477937
PROJECT NAME/NUMBER 2908-04510
FAX. NO. 8037477946
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals/Cyanide	TCL/Grain size	Organics		REMARKS
NBCH009m000801	9-8-94	0930	Sediment	1-202	4°C	None	6	X	X	X	X	X	X		
NBCH009m000701		[illegible]						X	X	X	X	X	X		
NBCH009m000601		1145						X	X	X	X	X	X		
NBCH009m000501		1145						X	X	X	X	X	X		
NBCH009m000301		1230						X	X	X	X	X	X		
NBCH009m000201		1150						X	X	X	X	X	X		
NBCH009m000101		1125						X	X	X	X	X	X		

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8 Sept 1994	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED J. Cornelius	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H	1830	COMPANY		COMPANY		COMPANY	
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 9485105195
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 3 of 3
EnSafe 05

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: T. Haverkost
TELEPHONE NO.: 803 747 7937
FAX. NO.: 803 747 7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App. IX	TPH	Hex. Cr.	App. IX VOA				REMARKS
NBCH/009E001501	9.9.94	1115	H_2O	9-1L 3-40 ml 3-HDPE	4°	→	15	X	X	X					VOA - HCl
NBCH/009T001502	"	—	H_2O	2-40 ml	4	HCl	2				X				Metals - HNO_3
															Cyanide - NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	[illegible]	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: MC Dhority		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A 011	TIME: 1300	COMPANY:	TIME:	COMPANY:	TIME:	COMPANY:	TIME:
REASON: [illegible]		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO.: [illegible]
SPECIAL INSTRUCTION: Sat Deliv.

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

Cooler 2 / 3
EnSafe 10

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT NavBase Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908.04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER T. Haverkost
TELEPHONE NO. 803-747 7937
FAX. NO. 803 747 7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Metals	Cyanide	Pest/PCB			REMARKS
NBCH/009W001501	9-9-94	0933	H_2O	3- VOA vials; 1L Ag 2- 1L Ag [illegible] Plas	4°	VOA - HCl, HCl - HNO3, Cy - NaOH	6	X	X	X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	9-9-94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhority		PRINTED		PRINTED		PRINTED	
COMPANY E/A H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Cab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085105173
SPECIAL INSTRUCTION: Sat Delivery

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Order 2 of 3
Ensafe 10

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: See pg 1
ADDRESS:
PROJECT NAME/NUMBER:
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER:
TELEPHONE NO.: See pg 1
FAX. NO.:
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	Hex. Cr	TPH	App IX VOA				REMARKS
NBCH/009R001501	9.9.94	0933	H_2O	3-40 ml 7-1L 3-HDPE	4°	VOA HCl metal HNO3 Cyanide NaOH	13	X	X	X					
NBCH/009T001502	"	—	H_2O	2-40 ml	4°	HCl	2				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	9/9/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME 1800	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 8085109173
SPECIAL INSTRUCTION: Sat Delivery

COMMENTS: ** DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 2
EnSafe 08

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NavBase Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: T. Hareskost
TELEPHONE NO.: 803 747 7937
FAX. NO.: 803 747 7746
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App. IX	TPH	Hex Chrome	TOC/grain size	organotin	App IX VOA		REMARKS
NACH/009N001S01	9-9-94	0948	Sed	1-2 oz 7-4 oz	4°	None	8	X	X	X	X	X			
NBCH/009T001S01	9-9-94	—	H2O	2-40 ml	4°	HCl	2						X		

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	9-9-94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Mic Dhority		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1800	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8085105173
SPECIAL INSTRUCTION: Sat. Delivery

COMMENTS: DQ04

** TOC, grainsize and organotin at DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 3
EnSafe 08

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908 04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803 747 7937
FAX. NO.: 803 747 7546
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals/Cyanide	Chloride/Sulfate	TOC/Ammonia		REMARKS
NBCH/009M001201	9-9-94	0825	Sed	1: 2oz 5: 4oz	4°	None	6	X	X	X	X	X	X		
NBCH/009M000901	↓	0900	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/009M001501		0948						X	X	X	X	X	X		
NBCH/009M001401		1013						X	X	X	X	X	X		
NBCH/009M001101	↓	0945	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/009W001-01	9-9-94	0940	H_2O	3: 40 ml 1: 1 L AG	4°	HCl, Na2S2O3, Hg - NaOH	8	X	X	X	X				
~~NBCH/009T001501~~	~~9-9-94~~		~~H_2O~~	~~2: 40 ml~~	~~4°~~	~~HCl~~	~~2~~	~~X~~							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [illegible]	9-9-94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: McDiarmid		PRINTED:		PRINTED:		PRINTED:	
COMPANY: EA	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1800	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 8085105173
SPECIAL INSTRUCTION: Low Priority Sat Delivery

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

8085105151

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: NAVAL BASE CHARLESTON
PROJECT MANAGER: TODD HAYERKOST
ADDRESS: ZONE H
TELEPHONE NO.: 901-372-7962
PROJECT NAME/NUMBER: 2908-0450
FAX. NO.: 901-372-2454
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: VOA	SVOA	METALS CN					REMARKS
NBCH/670SB00101	9-10-94	1020	Soil	2-4oz 1-2oz	4	None	3	X	X	X					
NBCH/670SB00102		1030						X	X	X					
NBCH/670SB00201		1040						X	X	X					
NBCH/670SB00202		1048						X	X	X					
NBCH/015SB00101		0910						X	X	X					
NBCH/015SB00102		0920						X	X	X					
NBCH/015SB00201		0925						X	X	X					
NBCH/015SB00202		0935						X	X	X					
NBCH/015SB00301		0930						X	X	X					
NBCH/015SB00302		1000						X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: DAVID NIESEL		PRINTED		PRINTED		PRINTED	
COMPANY: [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON	DQO	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO.: 8085105151
SPECIAL INSTRUCTION:

COMMENTS: DQO LEVEL 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [X] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

8085105151

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-64510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: TODD HAVERLOST
TELEPHONE NO.: 901-372-7962
FAX. NO.: 901-372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED VOA							REMARKS
NBCH/01ST B00101	9/10/94	—	WATER	(2) 40 mil VIAL	4°	HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	9/10/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT:
SHIPMENT NO. 8085105151
SPECIAL INSTRUCTION:

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 1
Enseafe Cooler #21

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2108-09510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-7937
FAX. NO.: 803-747-7946
SAMPLERS: (SIGNATURE) MC Dhourty

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App. IX	TPH	Hex Cr	App. IX VOA				REMARKS
NBCH/670CB01301	9-12-94	1124	Soil	1-2oz 5-40ml	4°	None	6	X	X	X					
NBCH/615CB00401	"	1425	"	"	"	"	6	X	X	X					
NBCH/670TB01301	"	—	H_2O	2 40 ml	4°	HCl	2				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: MC Dhourty	9/12/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: MC Dhourty		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1830	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8085105125
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 1
EnSafe Cooler #2

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-7937
FAX. NO.: 803-747-7946
SAMPLERS: (SIGNATURE) MC Dhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	METALS	Cyanide			REMARKS
NBCH/670SB01101	9-12-99	1025	Soil	1-2oz 2-4oz	4°	None	3	X	X	X	X	X			
NBCH/670SB01102		1035		"			3	X	X	X	X	X			
NBCH/670SB01201		1053		2-2oz 4-4oz			6	X	X	X	X	X			MS/MSD
NBCH/670SB01202		1105					3	X	X	X	X	X			
NBCH/670SB01301		1124					3	X	X	X	X	X			
NBCH/670SB01302		1135					3	X	X	X	X	X			
NBCH/015SB00401		1425					3	X	X	X	X	X			
NBCH/015SB00402		1430					3	X	X	X	X	X			
NBCH/670SB01401		1455					3	X	X	X	X	X			
NBCH/670SB01402		1507					3	X	X	X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: MC Dhority	9/9/99	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: MC Dhority	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: E/A&H	1830	COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 8085105125
SPECIAL INSTRUCTION: Dump on

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 1
Ensafe Cooler #2

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: See pg 1
ADDRESS:
PROJECT NAME/NUMBER:
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER:
TELEPHONE NO.: See pg 1
FAX. NO.:
SAMPLERS: (SIGNATURE) McDhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide			REMARKS
NBCH/670SB00701	9.12.94	1520	Soil	1/2 2-4 oz	4°	None	3	X	X	X	X	X			
NBCH/670SB00702	↓	1533	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/670SB00801	↓	1555	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/670SB00802	↓	1605	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/670SB00901	↓	1620	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/670SB00902	↓	1630	↓	↓	↓	↓	↓	X	X	X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE McDhority	9/12/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED McDhority		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1830	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 4N85105125
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 901 372 7962
FAX. NO. 901 372 2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide			REMARKS
NBCH/670SB01001	9.13.94	0935	Soil	2-2 g 4-4 g	4°	None	6	X	X	X	X	X			MS/MSD
NBCH/670SB01002		0950		1-2 g 2-4 g			3	X	X	X	X	X			
NBCH/670SB00301		0955						X	X	X	X	X			
NBCH/670SB00302		1000						X	X	X	X	X			
NBCH/670SB00401		1027						X	X	X	X	X			
NBCH/670SB00402		1035						X	X	X	X	X			
NBCH/670SB00501		1043						X	X	X	X	X			
NBCH/670SB00502		1050						X	X	X	X	X			
NBCH/670SB00601		1105						X	X	X	X	X			
NBCH/670SB00602		1110						X	X	X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	9/13/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhority		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 8085105042
SPECIAL INSTRUCTION: Parking ON

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 1

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-04510
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hauerkort
TELEPHONE NO. 901 372 7962
FAX. NO. 901 372 2454
SAMPLERS: (SIGNATURE) MC Dhonte

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App IX	TPH	Hex Cr	App IX VOA				REMARKS
NBCH/620CB00301	9-13-94	0955	Soil	[illegible]	4°	None	6	X	X	X					
NBCH/620TB00301	9-13-94	—	H2O	1 40 ml	4°	HCl	1				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MC Dhonte	9/13/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhonte		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085103092
SPECIAL INSTRUCTION: Priority ON

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Navy Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 908-04 10
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: [illegible]
TELEPHONE NO.: 901-372-7962
FAX. NO.: 901-372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	[illegible]	[illegible]					REMARKS
NBCH\670SB02101	9-14-94	1030	Soil	5-4 oz	4°	None	3	X	X	X					
NBCH\670SB02202		1039						X	X	X					
NBCH\670SB01802		1012						X	X	X					
NBCH\670SB02101		1031						X	X	X					
NBCH\670SB02102		1040						X	X	X					
NBCH\670SB01801		[illegible]		[illegible]				X	X	X					
NBCH\670SB01601		[illegible]						X	X	X					
NBCH\670SB01702		[illegible]						X	X	X					
NBCH\670SB01602		0930						X	X	X					
NBCH\670SB01701		0935						X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO.: 808 510 3070
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: Bldg M
PROJECT NAME/NUMBER: 6408-04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: TODD [illegible]
TELEPHONE NO.: 901-372-7962
FAX. NO.: 901-372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	[illegible]	[illegible]	TPH	Diesel	[illegible]		REMARKS
NBLN/6708B04901	9-14-94	1400	Sed	[illegible]	4°	[illegible]	6	X	X	X	X	X	X		
NBLN/6705S02002	↓	1430	↓	↓	↓		6	X	X	X	X	X	X		
NBLN/6705BA902		1413					6	X	X	X	X	X	X		
NBLN/6708B0901		1620	Water	[illegible]		HCL	2	X							

RELINQUISHED BY	DATE	RECEIVED BY	DATE	RELINQUISHED BY	DATE	RECEIVED BY	DATE
SIGNATURE [illegible]		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EA		COMPANY		COMPANY		COMPANY	
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS:
DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

100CCR #2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]
ADDRESS [illegible]
PROJECT NAME/NUMBER -908-
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]
TELEPHONE NO. [illegible]
FAX. NO. [illegible]
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	REMARKS
[illegible]	[illegible]														
[illegible]								X	X	X	X	X	X		MS/MSD
[illegible]							6	X	X	X	X	X	X		
[illegible]							6	X	X	X	X	X	X		
[illegible]							6	X	X	X	X	X	X		
[illegible]							6	X	X	X	X	X	X		
[illegible]							2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	9.14.94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A		COMPANY		COMPANY		COMPANY	
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

COOLER # 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: TODD HAVERKOST
TELEPHONE NO.: 901-383-9115
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA PEST PCB	[illegible]	[illegible]	[illegible]	[illegible]	REMARKS
NBCH/684SB00601	9-19-94	1135	[illegible]	[illegible]	[illegible]	[illegible]	6	X	X	X	X	X	X	
NBCH/684SB00602		[illegible]					6	X	X	X	X	X	X	
NBCH/684SB00701		[illegible]					6	X	X	X	X	X	X	
NBCH/684SB00702		[illegible]					6	X	X	X	X	X	X	
NBCH/684SB00801		1445		10 [illegible]			12	X	X	X	X	X	X	[illegible]
NBCH/684SB00802		1505		[illegible]			12	X	X	X	X	X	X	[illegible]
NBCH/684SB00901		1150		[illegible]			6	X	X	X	X	X	X	
NBCH/684SB00902		1200					6	X	X	X	X	X	X	
NBCH/684SB00901		15[illegible]					6	X	X	X	X	X	X	
NBCH/684TB00102		1730	WATER	[illegible]		[illegible]	[illegible]	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO.: 8083105066
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

COOCC #1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT [illegible] PROJECT MANAGER [illegible]

ADDRESS [illegible] TELEPHONE NO. [illegible]

PROJECT NAME/NUMBER 3908-04 FAX. NO. [illegible]

MEDIA STATUS: (A, B, OR C) _____ SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	[illegible]	T.H	[illegible]	[illegible]	REMARKS
NBCH/6845B00101	9-4-94	935	[illegible]	[illegible]	4°C	None	6	X	X	X	X	X	X	
NBCH/[illegible]		[illegible]						X	X	X	X	X	X	
NBCH/[illegible]		1000						X	X	X	X	X	X	
NBCH/[illegible]		1010						X	X	X	X	X	X	
NBCH/[illegible]		1020						X	X	X	X	X	X	
NBCH/[illegible]		1030						X	X	X	X	X	X	
NBCH/[illegible]		1100						X	X	X	X	X	X	
NBCH/[illegible]		1110						X	X	X	X	X	X	
NBCH/[illegible]00102		1125						X	X	X	X	X	X	
NBCH/6847B00101	9-7-94	1730	[illegible]	[illegible]		[illegible]	2	X						

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	9-7-94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY [illegible]		COMPANY		COMPANY		COMPANY	
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. 808-105-[illegible]
SPECIAL INSTRUCTION: _____

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

COOLER

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT [illegible]
ADDRESS [illegible]
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]
TELEPHONE NO. 101-352-9115
FAX. NO. 303-747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/PCB	[illegible]	[illegible]	[illegible]	REMARKS
[illegible]	9-[illegible]	[illegible]	[illegible]	[illegible]	4°C	[illegible]	6	X	X	X	X	X	X	X	

ANALYSIS REQUIRED

RELINQUISHED BY	DATE	RECEIVED BY	DATE	RELINQUISHED BY	DATE	RECEIVED BY	DATE
SIGNATURE [illegible]		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. 8085105066
SPECIAL INSTRUCTION:

COMMENTS: DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCDCR

Cooler 2 of 2
Ensafe cooler # 04

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
PROJECT MANAGER Todd Haverkost
ADDRESS Zone H
TELEPHONE NO. 803 747 7927
PROJECT NAME/NUMBER 2908-04510
FAX. NO. 803 747 7946
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App IX	Hex Cr	TPH	App IX VOA				REMARKS
NBCH/684EB01101	9.20.94	1650	H_2O	3-40 ml 9-1L AG 3-HDPE	4°	→	15	X	X	X					
NBCH/684TB01102	9.20.94	—	H_2O	2-40 ml	4°	HCl	2				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	9/20/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY E/ASH	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8065105055
SPECIAL INSTRUCTION:

COMMENTS: ~~Duplicate~~ CD
DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 16 -
Ensafe Cooler #1

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT [illegible] PROJECT MANAGER [illegible]st
ADDRESS [illegible] TELEPHONE NO. [illegible]
PROJECT NAME/NUMBER [illegible] FAX. NO. [illegible]-747-2306
MEDIA STATUS: (A, B, OR C) _____ SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	[illegible]	[illegible]	TPH	[illegible]	[illegible]	REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	None	6	X	X	X	X	X	X	
[illegible]		[illegible]		[illegible]			6	X	X	X	X	X	X	
[illegible]		[illegible]		[illegible]			6	X	X	X	X	X	X	
[illegible]		[illegible]		[illegible]			6	X	X	X	X	X	X	
[illegible]		[illegible]		[illegible]			6	X	X	X	X	X	X	
[illegible]		[illegible]		[illegible]			6	X	X	X	X	X	X	
[illegible]		[illegible]		[illegible]			6	X	X	X	X	X	X	
[illegible]		[illegible]		[illegible]			6	X	X	X	X	X	X	
[illegible]		[illegible]		[illegible]			6	X	X	X	X	X	X	
[illegible]		[illegible]		[illegible]			6	X	X	X	X	X	X	

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	7/20/91	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY [illegible]	1630	COMPANY		COMPANY		COMPANY	
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION: _____

COMMENTS: DQC-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 2
EnSafe Cooler #1

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT [illegible]
ADDRESS [illegible]
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER [illegible]
TELEPHONE NO. [illegible]-383-9115
FAX. NO. [illegible]-747-7306
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Pest, PCB	Metals, CN	TPH	Dioxin	[illegible]		REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4C	None	6	X	X	X	X	X	X		
NBCH/[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	1/20/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1630	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION: _____

COMMENTS: [illegible]

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

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CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803 747 7937
FAX. NO. 803 747 7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IV	Hex Cr	TPH					REMARKS
NBCH/684SB01701	9.21.94	1417	soil	6-4mg G	40	None	6	X	X	X					
NBCH/684SB01801	↓	1420	↓	↓	↓	↓	↓	X	X	X					
NBCH/684SB01802	↓	1430	↓	↓	↓	↓	↓	X	X	X					
NBCH/684SB01901	↓	1438	↓	↓	↓	↓	↓	X	X	X					
NBCH/684SB01902	↓	1450	↓	↓	↓	↓	↓	X	X	X					
NBCH/684SB02001	↓	1510	↓	↓	↓	↓	↓	X	X	X					
~~NBCH/684SB02002~~	↓	(1)	↓	↓	↓	↓	↓	X	X	X					
NBCH/684SB02101	↓	1500	↓	↓	↓	↓	↓	X	X	X					
NBCH/684SB02202	↓	~~1456~~ 1503 (1)	↓	↓	↓	↓	↓	X	X	X					
NBCH/684SB02201	↓	1456	↓	↓	↓	↓	↓	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	9/21/94	SIGNATURE _____		SIGNATURE _____		SIGNATURE _____	
PRINTED [signature]		PRINTED _____		PRINTED _____		PRINTED _____	
COMPANY E/A&H	TIME	COMPANY _____	TIME	COMPANY _____	TIME	COMPANY _____	TIME
REASON Ship to Lab	1800	REASON _____		REASON _____		REASON _____	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085105033
SPECIAL INSTRUCTION: _____

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: See PSI
ADDRESS: See PSI
PROJECT NAME/NUMBER:
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: See PSI
TELEPHONE NO.: See PSI
FAX. NO.:
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App IX VOA							REMARKS
N3CH/684TB0170	9-21-94	—	H_2O	2-40 ml	4°	HCl	1	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: McDhonty	9/22/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: McDhonty		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1800	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8065105033
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

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CHAIN OF CUSTODY RECORD

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CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2408-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Hacerkust
TELEPHONE NO. 803 747 7937
FAX. NO. 803 747 7946
SAMPLERS: (SIGNATURE) MCDhenty

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APP IX	Hex Cr	TPH	APP IX VOA				REMARKS
NBCH/684SB02301	9.21.99	1520	Soil	6-4 oz	40	None	6	X	X	X					
NBCH/684SB02302	↓	1538	↓	↓	↓	↓	↓	X	X	X					
NBCH/684SB02401	↓	1540	↓	↓	↓	↓	↓	X	X	X					
NBCH/684SB02501	↓	1545	↓	↓	↓	↓	↓	X	X	X					
NBCH/684SB02402	↓	1545	↓	↓	↓	↓	↓	X	X	X					
NBCH/684SB02502	↓	1601	↓	↓	↓	↓	↓	X	X	X					
NBCH/684TB02301	9.21.99	—	H_2O	2-40 ml	↓	HCl	2				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MCDhenty	9/21/99	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MCDhenty		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: FEDEX
SHIPMENT NO. 1165105033
SPECIAL INSTRUCTION: _____

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-04510
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: T. Haverkost
TELEPHONE NO.: 803 747 7737
FAX. NO.: 803 747 7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: VOA 8240							REMARKS
NBCH/020GHP0165	9.20.94	1040	H_2O	2-40 ml	4°	None	2	X							
NBCH/020GHP0252	9.21.94	1115	↓	↓	↓	↓	2	X							
NBCH/020GHP0116	9.19.94	1100	↓	↓	↓	↓	2	X							
NBCH/020GHP0338	9.21.94	1645	↓	↓	↓	↓	2	X							
NBCH/020THP0101	9.21.94	—	↓	↓	↓	HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	9/21/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: MC Dhority		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1800	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8055105044
SPECIAL INSTRUCTION:

COMMENTS: DQO 2 - 5-day TAT
To Pace - St. Rose

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 290808420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803 747 7937
FAX. NO.: 803 747 7946
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOCs 8260							REMARKS
NBCH/020GHP0440	9-22-94	0935	H_2O	2 - 40mL	4°C	None	2	X							
NBCH/020THP0440	9-22-94	—	H_2O	2 - 40mL	4°C	HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	9/22/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY: ENSAFE	TIME 1200	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO.: 8085105011
SPECIAL INSTRUCTION:

COMMENTS: DQO 2
5-day TAT

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 3 of 3

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08470
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803-747-7537
FAX. NO. 803 747-7946
SAMPLERS: (SIGNATURE) M C Dhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	TPH	Hex Chrome	App IX VOA				REMARKS
NBCH/014DB00101	9-22-94	1615	H_2O	3-40 ml 9-1 L 3-HDPE	4°	see Remarks	15	X	X	X					
NBCH/014TB00103	9-22-94	—	H_2O	2-40 ml	4°	HCl	2				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE M C Dhority	9/22/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M C Dhority	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H	1800	COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085105077
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

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CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908 08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803 747-7937
FAX. NO. 803-747-7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Metals	Cyanide	Dioxins			REMARKS
NBCH/04SW00114	9/22/94	0930	Soil	4-4oz Glass	4°	None	4	X	X	X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	9/22/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Doherty	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H	1800	COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085105022
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

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CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2708-05420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 843-747-7137
FAX. NO. 803-747-7946
SAMPLERS: (SIGNATURE) [signature]

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	APH	Hex Cr	TPH					REMARKS
NBCH/014CB0040	9-27-99	1040	Soil	6-4oz Glass	4°	None	6	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	9/27/99	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED McDougitty		PRINTED		PRINTED		PRINTED	
COMPANY SLA&H	TIME 1800	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 8085145022
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd HAVERKOST
TELEPHONE NO.: 803 747 7937
FAX. NO.: 803 747 7946
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App IX	TPH	Hex Cr	App IX VOA				REMARKS
NBCH/014SB00701	9/27/94	1420	SOIL	6-4oz GLASS	4°C	NONE	6								
NBCH/014SB00702		1436													
NBCH/014SB00801		1445													
NBCH/014SB00802		1453													
NBCH/014SB00901		1450													
NBCH/014SB00902		1503													

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [illegible]	9/22/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: [illegible]		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME 1800	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 8085105022
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 3

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803 747-7937
FAX. NO.: 803-747-7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	Hex Cr	TPH					REMARKS
NBCH/014SB00101	9/22/94	0902	SOIL	6-4oz GLASS	4°C	NONE	6	X	X	X					
NBCH/014SB00102	↓	0910	↓	↓	↓	↓	↓	X	X	X					
NBCH/014SB00201	↓	0920	↓	↓	↓	↓	↓	X	X	X					
NBCH/014SB00202	↓	0930	↓	↓	↓	↓	↓	X	X	X					
NBCH/014SB00301	↓	1020	↓	↓	↓	↓	↓	X	X	X					
NBCH/014SB00302	↓	1030	↓	↓	↓	↓	↓	X	X	X					
NBCH/014SB00401	↓	1040	↓	↓	↓	↓	↓	X	X	X					
NBCH/014SB00402	↓	1045	↓	↓	↓	↓	↓	X	X	X					
NBCH/014SB00501	↓	1050	↓	↓	↓	↓	↓	X	X	X					
NBCH/014SB00502	↓	1105	↓	↓	↓	↓	↓	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	9/22/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: [signature]		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1800	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8085105022
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

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CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803 747 7937
FAX. NO.: 803 747 7946
SAMPLERS: (SIGNATURE) M C Dhoorty

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	TDH	Hex Cr	App IX VOA				REMARKS
NBCH/014SB00601	9/22/94	1115	SOIL	6-4oz GLASS	4°C	NONE	6	X	X	X					
NBCH/014SB00602	↓	1125	↓	↓	↓	↓	6	X	X	X					
NBCH/014SB00101	9/22/94	—	H_2O	2-40 ml	4°C	HCl	2				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: M C Dhoorty	9/22/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M C Dhoorty		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A & H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1300	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8085105622
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

Cooler 2 of 3

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2905-08470
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hawkins
TELEPHONE NO. 803 7477937
FAX. NO. 803 7477946
SAMPLERS: (SIGNATURE) MC Thornton

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX VOA							REMARKS
NBCH/014TB001A2	9-22-94	—	H_2O	2-40 ml	4°	HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MC Thornton	9/22/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Thornton		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Sharp to Lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085105022
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [X] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

COOLER 1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT [illegible]
ADDRESS [illegible]
PROJECT NAME/NUMBER [illegible]-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]
TELEPHONE NO. [illegible] 747-0306
FAX. NO. [illegible] 747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	[illegible]	[illegible]	[illegible]	[illegible]	REMARKS
NBCH/[illegible]01	9-23-94	0915	[illegible]	[illegible]	4°C	[illegible]	6	X	X	X				m/msD
NBCH/[illegible]2302		0925		3-[illegible]			3	X	X	X				
NBCH/[illegible]2401		0935		3-[illegible]			3	X	X	X				
NBCH/[illegible]2402		0950		3-[illegible]			3	X	X	X				
NBCH/[illegible]01		0958		[illegible]			6	X	X	X	X	X	X	
NBCH/[illegible]2202		1005						X	X	X	X	X	X	
NBCH/[illegible]2601		1015						X	X	X	X	X	X	
NBCH/[illegible]2602		1025						X	X	X	X	X	X	
NBCH/[illegible]2601		1040						X	X	X	X	X	X	
NBCH/[illegible]2701		1115						X	X	X	X	X	X	

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	9-23-94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY		COMPANY		COMPANY		COMPANY	
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 6033105000
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

COOLER #1

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT [illegible]
ADDRESS [illegible]
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER TODD [illegible]
TELEPHONE NO. 803 747-0336
FAX. NO. 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	[illegible]	[illegible]	TPH	DIOXIN	[illegible]		REMARKS
NBCH/[illegible]	[illegible] 23 94	1130	[illegible]	6 [illegible]	[illegible]	None	6	X	X	X	X	X	X		
NBCH/[illegible]	↓	1130	[illegible]	[illegible]	↓	[illegible]	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	94	PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON	[illegible]	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. 8085105000
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]
ADDRESS [illegible] H
PROJECT NAME/NUMBER [illegible]-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER TODD HAVERLOST
TELEPHONE NO. [illegible] 747-0336
FAX. NO. [illegible] 747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA TEST BLS	[illegible]	[illegible]	[illegible]	[illegible]		REMARKS
NBCN/684SB[illegible]01	[illegible]	[illegible]	[illegible]	6-4oz	4°	[illegible]	6	X	X	X	X	X	X		
NBCN/684SB02901		[illegible]33						X	X	X	X	X	X		
NBCN/684SB[illegible]02		[illegible]15						X	X	X	X	X	X		
NBCN/684SB[illegible]01		[illegible]10						X	X	X	X	X	X		
NBCN/684SB[illegible]02		[illegible]						X	X	X	X	X	X		
NBCN/684SB[illegible]01		1445						X	X	X	X	X	X		
~~[illegible]~~	DIV														
NBCN/670TB02402	9-23-94	1720	[illegible]	2 40ml [illegible]		HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	9-23-94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1710	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. 808[illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
PROJECT MANAGER: Todd Hawenkost
ADDRESS: Zone H
TELEPHONE NO.: 803-747-7957
PROJECT NAME/NUMBER: 2700-C84720
FAX. NO.: 803-747-7946
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	Semi-vol. PAH	Herbicide/Pesticide	TPH	Metals (Cr)	Dioxins	REMARKS
NBCH/6700 [illegible]	1/24/94	[illegible]	[illegible]	40 ml [illegible]	4°		6	X	X	X	X	X	X	
NBCH/6700 [illegible]		[illegible]						X	X	X	X	X	X	
NBCH/6700 [illegible]		[illegible]						X	X	X	X	X	X	
NBCH/6700 M00201		0925						X	X	X	X	X	X	
NBCH/6700 [illegible]		0940						X	X	X	X	X	X	
NBCH/6700 [illegible]		0945						X	X	X	X	X	X	
NBCH/6700 [illegible]		[illegible]						X						

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	1/24/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1015	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO.: 6805104774
SPECIAL INSTRUCTION:

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: Stores (Zone I)
PROJECT NAME/NUMBER: 2909-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: TODD HAVLKROST
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TCLP Volatiles	TCLP BNAs	TCLP Metals					REMARKS
N8CI\689m000101	9-26-94	1440	[illegible]	3 [illegible]	4°C	[illegible]	3	X	X	X					
N8CI\689m000201	↓	1500	[illegible]	↓	↓	↓	3	X	X	X					
N8CI\689TB00101	9-26-94	1630	H_2O	2 [illegible]	"	HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	9/26/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A/H	1700	COMPANY		COMPANY		COMPANY	
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: FEDEX
SHIPMENT NO.: ~~8085104941~~
SPECIAL INSTRUCTION: 8085104930

COMMENTS:

DQ 0-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 4

CLIENT: NAVAL BASE CHARLESTON
PROJECT MANAGER: [illegible] HAYCRAFT
ADDRESS: ZONE H
TELEPHONE NO.: 803-747-0336
PROJECT NAME/NUMBER: 2108-09420
FAX. NO.: 803-747-7306
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	METALS CN					REMARKS
NBCH/GDHSB00101	9-27-94	0825	Soil	6-4oz	4°C	None	6	X	X	X					MS/MSD
NBCH/GDHSB00102		0835		3-4oz			3	X	X	X					
NBCH/GDHSB00201		0845						X	X	X					
NBCH/GDHSB00202		0900						X	X	X					
NBCH/GDHSB00301		0910						X	X	X					
NBCH/GDHSB00302		0930						X	X	X					
NBCH/GDHSB00401		0950						X	X	X					
NBCH/GDHSB00402		1005						X	X	X					
NBCH/GDHSB00501		0955						X	X	X					
NBCH/GDHSB00502		1015						X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	9-27-94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON	1312	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO.: 0085104-1216
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 4

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: ~~901~~ 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Pest/PCB	Metals CN					REMARKS
NBCH/[illegible]	9/27/94	[illegible]40	[illegible]	[illegible]	4°	None	3	X	X	X					
NBCH/[illegible]02		0950						X	X	X					
NBCH/GDHSB00701		1045						X	X	X					
NBCH/GDHSB00702		1100						X	X	X					
NBCH/GDHSB00801		1130						X	X	X					
NBCH/GDHSB00802		[illegible]40						X	X	X					
NBCH/GDHSB00901		1135						X	X	X					
NBCH/[illegible]0001		1450 ~~[illegible]~~		6 [illegible]			6	X	X	X					[illegible]
NBCH/GDH[illegible]002		1510		3 [illegible]			3	X	X	X					
NBCH/GDH[illegible]02		1[illegible]0						X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE:	9/27/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: [illegible]	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: [illegible]	1720	COMPANY:		COMPANY:		COMPANY:	
REASON: [illegible]		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO.: 8085104126
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 3 OF 4

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: [illegible] H
PROJECT NAME/NUMBER: 908-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, PEST, PCB	METALS, CN					REMARKS
NBCH/GDH5B01101	9-27-94	1[illegible]00	[illegible]	2 4[illegible]	4°C	[illegible]	3	X	X	X					
NBCH/GDH5B0[illegible]	↓	[illegible]	↓	↓	↓	↓	↓	X	X	X					
NBCH/GDH5B01201	↓	[illegible]	↓	↓	↓	↓	↓	X	X	X					
NBCH/GDH5B01202	↓	1600	↓	↓	↓	↓	↓	X	X	X					
NBCH/GDH7B00101	↓	1[illegible]00	H_2O	[illegible]	4°C	HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	9-27-94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	730	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO.: 8085104426
SPECIAL INSTRUCTION: _____

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 4 OF 4

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: [illegible]
PROJECT NAME/NUMBER: 2908-03420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: TODD HAWKINS
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA PESTICIDES	METALS CN	TPH	[illegible]	[illegible]	REMARKS
~~[illegible]~~														
NBCH/GDHCB00701	[illegible]	1045	[illegible]	[illegible]	4°C	[illegible]	6	X	X	X	X	X	X	
NBCH/GDHCB01101	↓	1500	↓	↓	↓	↓	↓	X	X	X	X	X	X	
NBCH/GDHCB00901	↓	1125	↓	↓	↓	↓	↓	X	X	X	X	X	X	

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	[illegible]	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: [illegible]		PRINTED:		PRINTED:		PRINTED:	
COMPANY: [illegible]	TIME: 1730	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: [illegible]		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO.: 8085104426
SPECIAL INSTRUCTION:

COMMENTS: DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [x] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler #1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone 11
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: [illegible]
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/Pest./PCB	Metals/Cyanide					REMARKS
NBCH/GDHSB1501	7/29/94	1145	Soil	(3) 4oz Glass Jars	4°C	None	3	X	X	X					
NBCH/GDHSB1502								X	X	X					
NBCH/GDHSB1401								X	X	X					
NBCH/GDHSB1402								X	X	X					
NBCH/GDHSB1501								X	X	X					
NBCH/GDHSB1502								X	X	X					
NBCH/GDHSB1601								X	X	X					
NBCH/GDHSB1602								X	X	X					
NBCH/GDHTB0101			H_2O	(2) 40ml Vials		HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	7/29/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Hardy		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1145	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 8085108904
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler #

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX NO.: 803-747-7506
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/Pest/PCB	Metals/ICP/Hg	TPH	Dioxin	Anions	Cyanide	Nex Chromic	REMARKS
NBCH/GDHE001001	9/29/94	1150	H_2O	(9) 1 L gl. amb	4°C		9		X	X	X	X				
NBCH/GDHE000101	↓	↓	↓	(1) 500 mL [illegible]	↓	HNO_3	1						X			
NBCH/GDHE000101				(1) 1 L pl. [illegible]		NaOH	1							X		
NBCH/GDHE000101				(1) [illegible]		H_2SO_4	1								X	
NBCH/GDHE000101				(3) [illegible]		HCl	3	X								
NBCH/GDHE000101				(2) 40 ml gl. vials		HCl	2	X								
~~NBCH/GDHE000101~~																

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE:	9/29/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Ken Hardy	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: E/A&H	1150	COMPANY:		COMPANY:		COMPANY:	
REASON: Shipment		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.:
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/Pest/PCB	Metals, GAF					REMARKS
NBCH/6DH01701	10/3/94	0950	SOIL	(3) 4 oz gl. jars	4°	—	3	X	X	X					
NBCH/6DH01702		0959						X	X	X					
NBCH/6DH01801		1022						X	X	X					
NBCH/6DH01901		1032						X	X	X					
NBCH/6DH01902		1040						X	X	X					
NBCH/6DH02001		1055						X	X	X					
NBCH/6DH02101		1114						X	X	X					
NBCH/6DH02002		1105						X	X	X					
NBCH/6DH02201		1124						X	X	X					
NBCH/6DHTB001		1430	H_2O	(2) 40 ml. vials		HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY: E/A+H		COMPANY		COMPANY		COMPANY	
REASON: SHIPMENT		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEX GA
SHIPMENT NO.: 8942775251 GA
SPECIAL INSTRUCTION:

COMMENTS:
DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

Cooler 1

PAGE 1 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Hrivorkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCB	Metals, Cyanide					REMARKS
NBCH/GDHSB02301	10/4/94	0856	SOIL	(6) 4 oz gl. jar	4°C	—	6	X	X	X					MS/MSD
NBCH/GDHSB02302	↓	0906	↓	(3) 4 oz. gl. jar	↓	↓	3	X	X	X					
NBCH/GDHSB02401	↓	0918	↓		↓	↓	3	X	X	X					
NBCH/GDHSB02501	↓	1000	↓		↓	↓	3	X	X	X					
NBCH/GDHSB02601	↓	1018	↓		↓	↓	3	X	X	X					
NBCH/GDHSB02602	↓	1025	↓		↓	↓	3	X	X	X					
NBCH/GDHSB02701	↓	1045	↓		↓	↓	3	X	X	X					
NBCH/GDHSB02702	↓	1102	↓		↓	↓	3	X	X	X					
NBCH/GDHSB02801	↓	1047	↓		↓	↓	3	X	X	X					
NBCH/GDHSB02901	↓	1146	↓		↓	↓	3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/4 94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Hardy		PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 808 5104602
SPECIAL INSTRUCTION: QA

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1

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CHAIN OF CUSTODY RECORD

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hawerkost
TELEPHONE NO. 803-747-0336
FAX. NO. 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Pest PCB	Metals Cyanide					REMARKS
NBCH/GDHSB03001	10/4/94	1147	S016	(3) 4 oz. gl. jars	4°C	—	3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/4/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Hardy		PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1720	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 8085104602
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1

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CHAIN OF CUSTODY RECORD

PAGE 3 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2900-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Terri Haverstock
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCB	Metals, Cyanide	TPH	OP Pest, Herb	Dioxin		REMARKS
NBCH/GDHTB00202	10/4/94	1720	H_2O	(2) 40 ml vials	4°C	HCl	2	X							
NBCH/GDHCB00201	[illegible]	1000	SOIL	(6) 4 oz gl. jars	↓	—	6	X	X	X	X	X	X		Duplicate

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/4/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Hardy		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Shipment	1730	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 8055104602
SPECIAL INSTRUCTION:

COMMENTS:
DQD-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

Cooler 2

PAGE 2 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 29[illegible]-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Schwerkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest., PCB	Metals, Cyanide					REMARKS
~~NBCH/6DHSB0300~~	~~10/4/94~~	~~1147~~	~~Soil~~	~~(3) 4oz jar~~	~~4°C~~	~~—~~	~~3~~	~~X~~	~~X~~	~~X~~	~~No~~				
NBCH/6DHSB0310	10/4/94	1349	Soil	(3) 4oz jar	4°C	—	3	X	X	X					
NBCH/6DHSB3102		1359					3	X	X	X					
NBCH/6DHSB3701		1406					3	X	X	X					
NBCH/6DHSB3702		1412					3	X	X	X					
NBCH/6DHSB3301		1441					3	X	X	X					
NBCH/6DHSB3302		1455					3	X	X	X					
NBCH/6DHSB3401		1512					3	X	X	X					
NBCH/6DHSB3402		1545					3	X	X	X					
NBCH/6DHSB0350		1532					3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/4/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Hardy	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY C/A&H	1700	COMPANY		COMPANY		COMPANY	
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 6165104602
SPECIAL INSTRUCTION:

COMMENTS: DQD-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone 11
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest PCB	Metals Cyanide					REMARKS
NBCH/GDHSB00101	10/4/94	1555	SOIL	(3) 4 oz gl. jar	4°C	—	3	X	X	X					
NBCH/GDHTB00101	↓	1710	H_2O	(2) 40 ml vials	↓	HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/4	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Hardy	94	PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1710	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 8165104602
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 29088-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCB	Metals, Cyanide					REMARKS
NBCH/GDHSB03701	10/5/94	0844	SOIL	(3) 4 oz. gl. jars	4°C	—	3	X	X	X					
NBCH/GDHSB03702	↓	0951	↓	↓	↓	↓	3	X	X	X					
NBCH/GDHSB03801	↓	0912	↓	↓	↓	↓	3	X	X	X					
NBCH/GDHSB03802	↓	0918	↓	↓	↓	↓	3	X	X	X					
NBCH/GDHSB03901	↓	0941	↓	↓	↓	↓	3	X	X	X					
NBCH/GDHSB3902	↓	0950	↓	↓	↓	↓	3	X	X	X					
NBCH/GDHSB4001	↓	1013	↓	(6) 4 oz. gl. jars	↓	↓	6	X	X	X					MS/MSD
NBCH/GDHSB4002	↓	1023	↓	(3) 4 oz. gl. jars	↓	↓	3	X	X	X					
NBCH/GDHSB4101	↓	1045	↓	↓	↓	↓	3	X	X	X					
NBCH/GDHSB4201	↓	1105	↓	↓	↓	↓	3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/5/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1725	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085104624
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 29103-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Pest PCB	Metals Cyanide					REMARKS
NBCH/GDHSB04202	10/5/94	1114	SO16	40z gl. jars	4°C	-	3	X	X	X					
NBCH/GDHSB04301		1402					3	X	X	X					
NBCH/GDHSB04302		1414					3	X	X	X					
NBCH/GDHSB04401		1449					3	X	X	X					
NBCH/GDHSB0459		1519					3	X	X	X					
NBCH/GDHSB04602		1530					3	X	X	X					
NBCH/GDHSB04601		1556					3	X	X	X					
NBCH/GDHSB04602		1626					3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/5/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Hardy		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A+H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Shipment	1730	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 6055104624
SPECIAL INSTRUCTION:

COMMENTS:

DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 3 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone 11
PROJECT NAME/NUMBER: 290B-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Hoverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	Appendix 9							REMARKS
NBCH/GDHTB00101	10/5/94	1735	H_2O	(2) 40 ml vials	4°C	HCl	2	X								
NBCH/GDHCB00101	↓	1449	SO16	(6) 4 oz. gl. jars	↓	—	6		X							Duplicate

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/5/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Hardy		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME: 1730	COMPANY:	TIME:	COMPANY:	TIME:	COMPANY:	TIME:
REASON: Shipment		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 9085104624
SPECIAL INSTRUCTION:

COMMENTS: DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2906-061120
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Pest. PCB	Metals Cyanide					REMARKS
NBCH/GDHSB04701	10/6/94	0917	SOIL	(3) 4 oz. glass jars	4°C	—	3	X	X	X					
NBCH/GDHSB04702		0930					3	X	X	X					
NBCH/GDHSB04901		1010					3	X	X	X					
NBCH/GDHSB04901		1048					3	X	X	X					
NBCH/GDHSB05101		1123					3	X	X	X					
NBCH/GDHSB05101		1343					3	X	X	X					
NBCH/GDHSB05102		1351					3	X	X	X					
NBCH/GDHSB05201		1424					3	X	X	X					
NBCH/GDHSB05202		1433					3	X	X	X					
NBCH/GDHSB05301		1500					3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/6/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Hardy		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Shipment	1715	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8085104646
SPECIAL INSTRUCTION:

COMMENTS:
DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone 11
PROJECT NAME/NUMBER: 2903-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Tom Hawerkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest PCB	Metals Cyanide					REMARKS
NBCH/GDHSB05302	10/6/94	1506	SOIL	(3) 4.7 gl. jars	4°C	—	3	X	X	X						
NBCH/GDHSB05401	↓	1519	↓	↓	↓	↓	3	X	X	X						
NBCH/GDHSB05402	↓	1526	↓	↓	↓	↓	3	X	X	X						
NBCH/GDHSB05501	↓	1542	↓	↓	↓	↓	3	X	X	X						
NBCH/GDHTB00101	↓	1700	H_2O	(2) [illegible] vials	↓	HCl	2	X								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/6/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Hawday		PRINTED:		PRINTED:		PRINTED:	
COMPANY: C/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Shipment	1715	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 808 510 4646
SPECIAL INSTRUCTION:

COMMENTS:
DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 3 OF 3

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hoverkost
TELEPHONE NO. 803-747-0336
FAX. NO. 803-747-7306
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA							REMARKS
NBCH/020GTW0200	10/6/94	1300	H_2O	(3) 40ml. vial	4°C	HCl	3	X							
NBCH/020GTW0600		1325					3	X							
NBCH/020GTW0300		1340					3	X							
NBCH/020GTW0400		1410					3	X							
NBCH/020GTW0700		1430					3	X							
NBCH/121GTW0200		1525					3	X							
NBCH/121GTW0300		1505					3	X							
NBCH/121GTW0100		1545					3	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	10/6/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Hardy	TIME 1725	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY C/A&H		COMPANY		COMPANY		COMPANY	
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 6085104646
SPECIAL INSTRUCTION:

COMMENTS: DQO-2

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 3

CLIENT Naval Base Charleston
ADDRESS Zone 11
PROJECT NAME/NUMBER 2966-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803-747-[redacted]0336
FAX. NO. 803-747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCB	Metals, Cyanide					REMARKS
NBCH/6DHSB05601	10/7/94	0856	SOIL	4 oz gl. jars	4°C	—	3	X	X	X					
NBCH/6DHSB05602	10/7/94	0931					3	X	X	X					
NBCH/6DHSB05801		1050					3	X	X	X					
NBCH/6DHSB05802		1108					3	X	X	X					
NBCH/6DHSB05901		1138					3	X	X	X					
NBCH/6DHSB06001		1426					6	X	X	X					MS/MSD
NBCH/6DHSB06101		1455					3	X	X	X					
~~NBCH/6DHSB06102~~		~~1820~~	~~H2O~~	~~40 ml vials~~		~~HCl~~	~~2~~	~~X~~							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	10/7/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Hardy		PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	TIME 1645	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 8085104166 1
SPECIAL INSTRUCTION:

COMMENTS:
DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 7906-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: VOA	ANALYSIS REQUIRED: App IX						REMARKS
NBCH/GDHCD05701	10/7/94	0945	SOIL	4 oz. gl jar	4°C	—	6		X						Duplicate
NBCH/GDHTB00101	↓	1820	H_2O	(2) 40 ml vials		HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/7/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Hardy		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A+H	TIME: 1820	COMPANY:	TIME:	COMPANY:	TIME:	COMPANY:	TIME:
REASON: Shipment		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8085104661
SPECIAL INSTRUCTION:

COMMENTS: DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

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CHAIN OF CUSTODY RECORD

PAGE 3 OF 3

CLIENT: Naval Base Charleston
PROJECT MANAGER: Todd Hawckest
ADDRESS: Zone 11
TELEPHONE NO.: 803-747-0336
PROJECT NAME/NUMBER: 2908-08420
FAX. NO.: 803-747-7306
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA							REMARKS
NBCH/020GTW0900	10/7/94	0920	H_2O	40 ml vials	4°C	HCl	3	X							
NBCH/020HTW0900		0920					3	X							
NBCH/020GTW1100		0940					6	X							MS/MSD
NBCH/020GTW1200		1100					3	X							
NBCH/020GTW1100		0840					3	X							
NBCH/020GTW0800		0950					3	X							
NBCH/020GTW0500		1445					3	X							
NBCH/121GTW0400		1345					3	X							
NBCH/121HTW0400		1345					3	X							
NBCH/121GTW0500		1445					3	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/7/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Hardy		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Shipment	1930	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 808510 4661
SPECIAL INSTRUCTION:

COMMENTS: DQO-2

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2912-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Pest PCB	Herbs Pest	TPH	Bromide	Metals	Cyanide	HCl Chrome	REMARKS
NBCH/GDHDB00101	10/7/94	1430	H2O	[illegible]	4°C	[illegible]	15	X	X	X	X	X	X	X	X	(VOAs not preserved)
				[illegible]												
NBCH/GDHT300202	↓	[illegible]	↓	[illegible]	↓	HCl	2	X								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/7/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: [illegible]		PRINTED:		PRINTED:		PRINTED:	
COMPANY: I/Aqua	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Shipment	1430	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO.: 0065104661
SPECIAL INSTRUCTION:

COMMENTS: DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 7906-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Ext RCB	Metals (P Post	TPH	Dioxin	Pesticides	Herbicides	Hex chrome	REMARKS
NBCH/GDHEB00101	10/7/94	1530	H_2O	[illegible]	4°C		15	X	X	X	X	X	X	X	X	VOAs not preserved
	↓	↓	↓	[illegible]	↓		↓									
NBCH/GDHTB00303	↓	1530	↓	2) 40ml vials	—	HCl	2	X								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	10/7/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: John Hardy	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY: E/A&H	1530	COMPANY		COMPANY		COMPANY	
REASON: Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 7108510466 61
SPECIAL INSTRUCTION:

COMMENTS: DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
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- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER T. Haveckost
TELEPHONE NO. 803 747 7937
FAX. NO. 803 747 7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/Pest/PCB	Metals	Cyanide				REMARKS
NBCH/GDH SB05 701	10/07/94	0945	Soil	4 oz glass	4°	None	3	X	X	X	X				Sample sent w/o COC. [signature] 10/17/94

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/17/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY C/A&H		COMPANY		COMPANY		COMPANY	
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085104661
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
PROJECT MANAGER T. Haverkost
ADDRESS Zone H
TELEPHONE NO. (901) 372-7962
PROJECT NAME/NUMBER 2908-08420
FAX. NO. (901) 372-2454
MEDIA STATUS: (A, B, OR C) _____
SAMPLERS: (SIGNATURE) B. Dixon

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	Semi-Vol. PCBs	Metals Inorganics					REMARKS
NBCH/GDHSB06201	10/8/94	0834	Soil	4oz glass jar	4°C	None	3	X	X	X					
/GDHSB06301		0900					3	X	X	X					
/GDHSB06302		0912					3	X	X	X					
/GDHSB06401		0925					3	X	X	X					
/GDHSB06402		0933					3	X	X	X					
/GDHSB06501		0946					3	X	X	X					
NBCH/GDHTB00101		1130	H_2O	40ml glass vial		HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE B. Dixon		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED B. Dixon	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY Ensafe		COMPANY		COMPANY		COMPANY	
REASON Shipment + Analysis		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed X
SHIPMENT NO. 8085104672
SPECIAL INSTRUCTION: _____

COMMENTS: _____

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

036CUST1

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
PROJECT MANAGER: Todd Hoverkost
ADDRESS: Zone H
TELEPHONE NO.: 803-747-0336
PROJECT NAME/NUMBER: 2908-08420
FAX. NO.: 803-747-7306
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCB	Metals, Cyanide					REMARKS
NBCH/SGCSB00201	10/10/94	1045	SOIL	4 oz gl. jars	4°C	–	3	X	X	X					
NBCH/SGCSB00202	10/10/94	1057					3	X	X	X					
NBCH/SGCSB00101	10/10/94	1144					3	X	X	X					
NBCH/SGCSB00301	10/10/94	1213					3	X	X	X					
NBCH/SGCSB00302	10/10/94	1221					3	X	X	X					
NBCH/SGCSB00401	10/10/94	1358					3	X	X	X					
NBCH/SGCSB00501	10/10/94	1421					3	X	X	X					
NBCH/SGCSB00601	10/10/94	1443					3	X	X	X					
NBCH/SGCSB00602	10/10/94	1500					6	X	X	X					MS/MSD
NBCH/GDHSB06601	10/10/94	1550					3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/10/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Hurley		PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1630	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 8085104683
SPECIAL INSTRUCTION:

COMMENTS:
DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Appendix IX	ANALYSIS REQUIRED: VOA						REMARKS
NBCH/SGCSB00302	10/12/94	1221	SOIL	4 oz gl. jar	4°C	—	6	X							
NBCH/SGCTB00101	↓	1430	H_2O	40ml glass vial	↓	HCl	2		X						

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/10/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Hardy		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A+H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Shipment	1630	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 8085104683
SPECIAL INSTRUCTION:

COMMENTS:
DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Hauerkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest., PCB	Metals, Cyanide					REMARKS
NBCH/GAHSB07L02	10/11/94	1549	SOIL	4 oz. gl. jar	4°C	—	3	X	X	X					
NBCH/6555D00B01	↓	1622		↓	↓	↓	3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/11/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Hardy		PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1630	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 808510469 4
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 3 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) John Hardy

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Appendix IX	VOA						REMARKS
NBCH/GDHCB06702	10/11/94	0906	SOIL	4 oz gl. jars	4°C	—	6	X							Duplicate
NBCH/GDHTB00101		1630	H_2O	40 ml. vials		HCl			X						

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: John Hardy	10/11/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Hardy	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: E/A-H	1630	COMPANY:		COMPANY:		COMPANY:	
REASON: Shipment		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8085104694
SPECIAL INSTRUCTION:

COMMENTS: DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest PCB	Metals Cyanide					REMARKS
NBCH/GDHSB06701	10/11/94	0858	SOIL	4 oz gl. jars	4°C	—	3	X	X	X					
NBCH/GDHSB06702		0906					3	X	X	X					
NBCH/GDHSB06801		1017					3	X	X	X					
NBCH/GDHSB06901		1034					3	X	X	X					
NBCH/SGCSB00801		0925					3	X	X	X					
NBCH/SGCSB00802		0947					3	X	X	X					
NBCH/GDHSB07001		1412					6	X	X	X					MS/MSD
NBCH/GDHSB07101		1441					3	X	X	X					
NBCH/GDHSB07102		1457					3	X	X	X					
NBCH/GDHSB07201		1539					3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE:	10/12/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Hardy		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A-H	TIME 1630	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Shipment		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 808510469 4
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Havekost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA's	SVOA's, Pest/PCB	Metals, Cyanide					REMARKS
NBCH/SGCSB00701	10/12/94	0850	Soil	4oz. Glass	4°C	N/A	3	X	X	X					
NBCH/SGCSB00702	10/12/94	0900	Soil	4oz. Glass	4°C	N/A	3	X	X	X					
NBCH/GDHSB07301	10/12/94	1002	Soil	4oz. Glass	4°C	N/A	3	X	X	X					
NBCH/GDHSB07302	10/12/94	1010	Soil	4oz. Glass	4°C	N/A	3	X	X	X					
NBCH/SGCSB00901	10/12/94	1352	Soil	4oz. Glass	4°C	N/A	3	X	X	X					
NBCH/GDHTB00101	10/12/94	1615	H_2O	40ml glass vial	4°C	HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/12/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A+H		COMPANY		COMPANY		COMPANY	
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed EX
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803-747-0336
FAX. NO.: 803-747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCBs	Herb/Ar. Pest	TPH	Dioxin	Metals	Cyanide	Hex Chrome	REMARKS
NBCH/GDHEB00101	10/14/99	0850	H_2O	(3) 40 ml vials (9) 1L glass bottles	4°C		15	X	X	X	X	X	X	X	X	
	↓	0850	↓	(1) 500 ml plast. bottle (1) 1L plastic bottle	↓	HNO_3 $NaOH$										
		0850		(1) 250 ml plast. bottle		H_2SO_4										
NBCH/GDHTB00101	↓	0850	H_2O	(2) 40 ml vials	↓	HCl	2	X								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	10/14/99	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Todd B. Tomek		PRINTED		PRINTED		PRINTED	
COMPANY: E/A-H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Shipment	1650	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 2 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908.08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 8037477957
FAX. NO. 8037477946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	Hex Cr	TPH	App IX VOA				REMARKS
NBCH/0177W00101	10/18/94	1015	H_2O	[illegible]	4°	Various	5	X	X	X					
NBCH/0177W00101	10/18/94	—	H_2O	40 ml vials	4°	HCl	2				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/18/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhoot		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship lab	1130	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 8085104812
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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✓ Cooler 1 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2108-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA-Aqueous	SVOA	Flex Cu	TPH					REMARKS
NBCH/017DL00101	10/18/99	0840	H2O	1L-AG - 1L rinsate 40 40-ml VOA vials - 20 ml plus 20 ml phase 40		Various	15		X	X	X					
NBCH/017TW00102	"	—	H2O	40 ml vials 20 ml phase 40		HCl	2	X								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/18/99	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M C Dilworth	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EA&H	1130	COMPANY		COMPANY		COMPANY	
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 6035 0451 2
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908.08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803 7477937
FAX. NO.: 803 7477946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Cyanide	Metals	TPH		REMARKS
NBCH/017GW00101	10/19/94	1535	H_2O	HL 500 ml HDPE HL AG 40 ml vial	4°	Various	9	X	X	X	X	X	X		H_2O Preservation:
NBCH/017TW00302	10/19/94	—	H_2O	40 ml vial	4°	HCl	2	X							Metals - HNO_3
															Cyanide - NaOH
															VOAs - HCl

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/19/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhority		PRINTED		PRINTED		PRINTED	
COMPANY EIA&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 8095104801
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 7908-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803 747 7957
FAX. NO.: 803 747 7946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCBs	Metals	Cyanide	TPH		REMARKS
* NBCH/GDHSW04007	10/19/94	0900	Soil	4 oz WMG	4°	None	3	X	X	X	X	X			H_2O Preservation:
NBCH/017GW00301	↓	1040	H_2O	1-L AG 500 ml 40 ml vial 1L	4°	Various	9	X	X	X	X	X	X		Metals = HNO_3
NBCH/017GW00201	↓	1220	H_2O	"	4°	"	9	X	X	X	X	X	X		VOAs = HCl
~~NBCH/017GW00101~~		~~1535~~	~~H_2O~~	~~"~~	~~4°~~	~~"~~	~~9~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		Cyanide = NaOH
NBCH/017TW00301	10/19/94	—	H_2O	40 ml vials	4°	HCl	2	X							
															*-Soil sample is highly contaminated. [initials]

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/19/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: MC Dhority		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1730	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 8085109801
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2902-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER Todd Hoverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOAs	SVOAs	Cyanide	Metals	Cyanide	TPH	REMARKS
NBCH/178GW00101	10/20/94	1530	H2O	[illegible]	4°	→	9	X	X	X	X	X	X	H2O preservation:
NBCH/017GW00401	"	0930	"	"	4°	→	9	X	X	X	X	X	X	Metals: HNO3
[illegible]	"	—	"	[illegible]	"	HCl	2	X						Cyanide: NaOH
														VOAs: HCl

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd Hoverkost		PRINTED		PRINTED		PRINTED	
COMPANY EA II	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 8085109742
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 7908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Metals	Pest/PCBs	Cyanide	TPH		REMARKS
NBCH/178GW00201	10/20/99	1620	H_2O	[illegible]	4°	→	9	X	X	X	X	X	X		Preserved w/:
NBCH/178TW00102	"	—	"	40-ml vial	4°	HCl		X							Metals: HNO3
															Cyanide: NaOH
															VOAs: HCl

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/20/99	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085104742
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

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ENSAFE/ALLEN & HOSHALL
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Hancock
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	Hex Cr	TPH	App IX VOA				REMARKS
NBCH\GDHCB07401	10/21/99	0925	Soil	4 oz WM G	40	None	6	X	X	X					
NBCH\GDH4B07401	"	1702	"	"	"	"	6	X	X	X					
NBCH\GDHTB07401	"	—	H_2O	40 ml Vials	"	HCl	2				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [illegible]	10/21/99	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: [illegible]	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: [illegible]		COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. 10
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08920
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Hanenkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOAs	SVOAs	Pest/PCB	Metals	Cyanide			REMARKS
NBCH\GDHSB07401	10/21/94	0925	Soil	4 oz WM G	4°	None	6	X	X	X	X	X			MS/MSD
NBCH\GDHSB07501	↓	1003	↓	↓	↓	↓	3	X	X	X	X	X			
NBCH\GDHSB07601	↓	1028	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH\GDHSB07701	↓	1116	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/GDHSB07801	↓	1133	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH\GDHSB07802	↓	1139	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH\GDHSB07901	↓	1359	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH\GDHSB07902	↓	1406	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH\GDHSB08001	↓	1428	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH\GDHSB08002	↓	1438	↓	↓	↓	↓	↓	X	X	X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/21/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 808510
SPECIAL INSTRUCTION: _____

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone 4
PROJECT NAME/NUMBER [illegible] C8420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide			REMARKS
NBCH/GDHSB08101	10/21/94	1506	Soil	4 oz Jar G	4°	None	3	X	X	X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/21/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION: _____

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 2 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Res Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 1408-05440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER Todd Hawkins
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App IX	Hexan Cr	TPH	App IX VOA				REMARKS
NBCH/179EW00101	10/27/94	1200	H_2O	1 L HDPE, 40 mL Cr, 250 mL, 500 mL, 1 L HDPE	4°	→	5	X	X	X					Preservation:
NBCH/179EW00102	"	—	H_2O	40 mL vials	4°	HCl	2				X				Metals - HNO_3
															Cyanide - NaOH
															VOA - HCl

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED McDonnell		PRINTED		PRINTED		PRINTED	
COMPANY NBCH	TIME 1400	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQC 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-06420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hanekort
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App IX	TPH	Hex Cr	App IX VOA				REMARKS
NBCH/GDHEB0820	10/22/94	1150	1120	1L AG; 40 ml 250 ml, 500 ml, 1L HDPE	4°	→	15	X	X	X					Preservatives:
NBCH/GDHTB0820	10/22/94	—	1120	40 ml vials	4°	HCl	2				X				Metals - HNO_3
NBCH/GDHCB0820	10/22/94	0840	Soil	4 oz WMG	4°	None		X	X	X					Cyanide - NaOH
															VOA - HCl

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/24/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED McDhority		PRINTED		PRINTED		PRINTED	
COMPANY E.A.H.	TIME 1100	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipped/AB		REASON		REASON		REASON	

METHOD OF SHIPMENT: FEDEX
SHIPMENT NO. 8050104764
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 2

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2005 05420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Hoverkamp
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Plat/PCB	Metals	Cyanide			REMARKS
NBCH\GDHSB08201	10/27/14	0840	Soil	4 oz 10 M G	4°	None	3	X	X	X	X	X			
NBCH\GDHSB08202	↓	0857	↓	↓	↓	↓		X	X	X	X	X			
NBCH\GDHSB08301	↓	0935	↓	↓	↓	↓		X	X	X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/27/14	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY E/A H	TIME 1400	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 808510 4764
SPECIAL INSTRUCTION: _____

COMMENTS: DO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 4 of 4

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App. IX	Hex. Cr.	TPH	App IX VOA				REMARKS
NBCH\662FW00101	10/24/94	1215	H_2O	1-L AG [illegible] 500 ml 1 L HDPE	4°	→	3	X	X	X					
NBCH\662TW00101	10/24/94	—	H_2O	250 ml 40 ml vials	4°	HCl	2				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/24/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED McDhority		PRINTED		PRINTED		PRINTED	
COMPANY C/A & H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipdocab	1830	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8083104790
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 3 of 1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2965-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hancock
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide	TPH		REMARKS
NBCH\662GW00101	10/24/94	1043	H_2O	FLAG 40 ml VOA 500 & 1000 ml HDPE	4°	→	18	X	X	X	X	X	X		MS/MSD ***
NBCH\662TW00102	"	—	"	40 ml VOA	4°	HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/24/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship & Lab	[illegible]	REASON		REASON		REASON	

METHOD OF SHIPMENT: FEDEX
SHIPMENT NO. 8085104790
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

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CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908 08490
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkot
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide	TPH		REMARKS
NBCH\662GW00101	10/24/94	1048	H_2O	1-L AG; 40 ml VOA 500-ml & 1-L HDPE	4°	→	9	X	X	X	X	X	X		
NBCH\662GW00201	↓	1130	↓	"	↓	→	9	X	X	X	X	X	X		
NBCH\662FW00201	↓	—	↓	40-ml VOA	↓	HCl	2	X							

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/24/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED McDhority		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipments	1830	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 8089041790
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2968 03440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	TPH	Metals	Cyanide		REMARKS
NBCH/663GW00201	10/24/94	1610	H_2O	1-L AG [illegible] 50 mL & 1 L HDPE	4°	→	9	X	X	X	X	X	X		
NBCH/~~663~~ 136 GW00101	↓	1450	↓	"	↓	→	9	X	X	X	X	X	X		
NBCH/136TW00101	↓	—	↓	40 mL vials	↓	HCl	2	X							

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/24/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: MC Shority		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A 5H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1830	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO.: 8085104770
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 4 of 4

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Navy Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 8908-C5440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hanenkat
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	Metals	Pest/PCBs	Cyanide	TPH			REMARKS
NPCH/[illegible]01	[illegible]	1975	H_2O	[illegible]	4°	→	6	X	X	X	X	X			Preservatives: Metals - HNO_3 Cyanide - NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1:00	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]
ADDRESS Zone H
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	[illegible]	Pest/PCB	Metals	Cyanide	TPH			REMARKS
NBCH/[illegible]101	11/25/94	1120	H_2O	[illegible]	4°	→	6	X	X	X	X	X			Preservative:
NBCH/[illegible]201	11/25/94	1105	H_2O	"	4°	→	6	X	X	X	X	X			Metals HNO_3
															Cyanide - NaOH

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	11/25/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY ELASH	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 2 of 4

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hareckot
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: TPH-MAX	SVOA	Metals	Cyanide	TPH	Pest/PCB		REMARKS
[illegible]	11/25/94	1445	H_2O	[illegible]	40	→	6	X	X	X	X	X	X		[illegible]
[illegible]	11/25/94	1452	H_2O	"	"	→	6	X	X	X	X	X	X		Metals - HNO_3
															Cyanide - NaOH
															~~VOAs - HCl~~

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/25/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1500	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. [illegible]4775
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 1

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hoverkat
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA							REMARKS
NBCH/663GW00101	10/25/94	0925	H_2O	40 ml VOA	4°	HCl	3	X							
NBCH/660GW00201	↓	1105	↓	↓	↓	↓	3	X							
NBCH/660GW00101	↓	1120	↓	↓	↓	↓	3	X							
NBCH/667GW00201	↓	1445	↓	↓	↓	↓	3	X							
NBCH/667GW00101	↓	1452	↓	↓	↓	↓	3	X							

[signature]

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/25/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhouty		PRINTED		PRINTED		PRINTED	
COMPANY E/AEH	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 808-104775
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 1 of 4

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-05440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hauerkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) M C Dhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	Hex Cr	TPH	App. IX VOA				REMARKS
NBCH\663HW00101	10/25/94	0925	H_2O	40 ml VOA; 1L AG 250ml, 500ml, 1L PL	4°	→	15	X	X	X					Preservatives:
NBCH\663TW00101	10/25/94	—	H_2O	40 ml VOA	4°	HCl	2				X				Metals - HNO_3
															Cyanide - NaOH
															VOA - HCl

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE M C Dhority	10/25/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M C Dhority		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 8085104775
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 2 of 2

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Havenhurst
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Sulfate	Metals	Bal Tiff	Pyramide	TPH			REMARKS
NBCH\[illegible]	[illegible]	1512	[illegible]	[illegible]	4	→	6	X	X	X	X	X			[illegible]
NBCH\[illegible]	[illegible]	[illegible]	[illegible]	"	4	→	6	X	X	X	X	X			[illegible]
															Liquid NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2428120670
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908.05440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hawkest
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide	TPH		REMARKS
NBCH\666GW00101	10/26/94	1049	H_2O	[illegible]	4°	→	9	X	X	X	X	X	X		Preservatives:
NBCH\666GW00201	↓	1010	↓	"	↓	→	9	X	X	X	X	X	X		Metals - HNO_3
NBCH\656GW00201	↓	1512	↓	40 ml VOA	↓	HCl	3	X							VOAs - HCl
NBCH\656GW00301	↓	1615	↓	↓	↓	↓	3	X							Cyanide - NaOH
NBCH\666TW00101	↓	—	↓	↓	↓	↓	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/26/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]
ADDRESS [illegible] H
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER [illegible]
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) _____

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED								REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	X	X	X	X	X				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	X	X	X	X	X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY [illegible] H		COMPANY		COMPANY		COMPANY	
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION: _____

COMMENTS: [illegible]

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 3

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]
ADDRESS [illegible]
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	Pest/PCB	Metal	Cyanide	TPH			REMARKS
NBCH/656[illegible]	10/27/94	1010	H2O	[illegible]	4°	[illegible]	28	X	X	X	X	X			MS/MSD
															Pres[illegible]
															Metals - HNO3
															~~[illegible]~~
															Cyanide - NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	[illegible]	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 2 of 3

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hancock
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Pest/PCB	Metals	Cyanide	TPH				REMARKS
NBCH/655GW00301	10/27/94	1410	H_2O	[illegible] 1L poly	4°	[illegible] Cy. NaOH	6	X	X	X	X				
NBCH/655GW00201	"	1038	"	"	"	"	6	X	X	X	X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	10/27/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED SAM WEATHERFORD		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON SHIP TO LAB	1855	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED-EX
SHIPMENT NO. 2912 8125 5 01
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 3

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) M C Dhority

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App IX	Hex Cr	TPH	App IX VOA				REMARKS
NBCH/656HW00101	10/27/94	1010	H_2O	1 L AG; 40 ml VOA 250ml, 500ml, 1L poly	4°	→	15	X	X	X					Preservatives:
NBCH/656TW00101	10/27/94	—	H_2O	40 ml VOA	4°	HCl	2				X				Metals-HNO_3
															Cyanide-NaOH
															VOAs-HCl

M C D

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE M C Dhority	10/27/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M C Dhority	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H		COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 1

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ENSAFE/ALLEN & HOSHALL
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
PROJECT MANAGER: Todd Haverkost
ADDRESS: Zone H
TELEPHONE NO.: (901) 372-7962
PROJECT NAME/NUMBER: 7104-C8440
FAX. NO.: (901) 372-2454
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA							REMARKS
N3CH1655GW00101	10/27/01	1010	H2O	40 ml VOA	4°	HCl	9	X							MS/MSD
N3CH1655GW00301	↓	1410	↓	↓	↓	↓	3	X							
N3CH1655GW00201	↓	1038	↓	↓	↓	↓	3	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY		COMPANY		COMPANY		COMPANY	
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: [illegible]
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: [illegible]
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	PCB/PCBs	Metals	Cyanide	TPH	SVOA		REMARKS
NBCH\655GW00101	10-28-94	0831	H_2O	[illegible] 40 ml VOA [illegible] 1L Poly	4°	→	9	X	X	X	X	X	X		Preservatives:
NBCH\655TW00101	10-28-94	—	H_2O	40 ml VOA	4°	HCl	2	X							Metals: HNO_3
															Cyanide: NaOH
															VOA: HCl

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	10/28/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY [illegible]	1145	COMPANY		COMPANY		COMPANY	
REASON Shipping Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQ03
This CofC is a revision of the original CofC submitted w/ sample.

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-48110
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOA	PCB/PCB	METALS	CYANIDE	TPH			REMARKS
NBCH/013GW0741	11/1/94	0525	H_2O	1L AG Sconed - 1L Gly	4°	→	6	X	X	X	X	X			PRESERVATIVES:
NBCH/013GW1313 41	11/1/94	1530	H_2O	"	4°	→	6	X	X	X	X	X			METALS = HNO_3
NBCH/013GW1313 42	11/1/94	1600	H_2O	"	4°	→	6	X	X	X	X	X			CYANIDE = NaOH

SHN

RELINQUISHED BY	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/1/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipping	1:00	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2-12 513 44 14
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone 11
PROJECT NAME/NUMBER 2[illegible]-[illegible]
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Havenhorst
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	METALS	TEST/PCB	CYANIDE	TPH		REMARKS
NBCH/013GW[illegible]01	11/1/94	1[illegible]7	H_2O	40ml VOA 1L AG 500ml & 1L [illegible]	4°	→	9	X	X	X	X	X	X		PRESERVATIVES:
NBCH/013GW[illegible]01	↓	1[illegible]	↓	"	↓	→	9	X	X	X	X	X	X		VOAS = HCl
NBCH/013GW[illegible]01	↓	[illegible]	↓	40ml VOA	↓	HCl	3	X							METALS = HNO_3
NBCH/013GW[illegible]01	↓	1[illegible]	↓	↓	↓	↓	3	X							CYANIDE = NaOH
NBCH/013GW1313/2	11/1/94	1[illegible]	H_2O	↓	4°	↓	3	X							
NBCH/GDHGW[illegible]01	↓	1534	↓	↓		↓	3	X							
NBCH/GDHGW[illegible]01	↓	1[illegible]	↓	↓		↓	3	X							
NBCH/GDHGW[illegible]01	11/1/94	1[illegible]	H_2O	40ml VOA SHW		HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/1/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A CH	[illegible]	COMPANY		COMPANY		COMPANY	
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVAL BASE CHARLESTON
ADDRESS Zone H
PROJECT NAME/NUMBER 2NX8-K8116
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOA	TCLP/TCLP	METALS	CYANIDE	TPH			REMARKS
NRCH/SDHCN43DH	11/1/94	1100	H2O	1LAG	<4°	→	6	X	X	X	X	X			PRESERVATIVES
NRCH/SDHCN43DH	11/1/94	1100	H2O	"	<4°	→	6	X	X	X	X	X			METALS: HNO3
															CYANIDE = NaOH

SIN

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	11/1/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY E/A2 HI	TIME 1900	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON SHIP TO LAB		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO. 2412813 44 121
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App IX	TPH	Hex Cr	App IX VOA				REMARKS
NBCH/009 HW005D1	11/02/99	1045	H_2O	[illegible]	4°	→	15	X	X	X					Preservatives:
NBCH/009 TW005D1	11/02/99	—	H_2O	40 ml VOA	4°	HCl	2				X				Metals - HNO_3
															Cyanide - NaOH
															TPH - H_2SO_4
															VOA - HCl

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	11/02/99	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EMH		COMPANY		COMPANY		COMPANY	
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 2112450003
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 3 of 4

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hewlett
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOAs	Pest/PCBs	Metals	Cyanide				REMARKS
NEC14/009GW05D01	11/2/99	1455	H_2O	1L [illegible] Poly	4°	→	5	X	X	X	X				Preservatives:
															Metals - HNO_3
															Cyanide - NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	11/02/99	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED ~~Todd Temple~~	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EA H	1100	COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 2 of 4

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APP IX	TPH	Hex chromic	APP IX VOA				REMARKS
NBCH/009HW00201	11/2/94	1216	H_2O	500ml Poly, 1L Poly	4°C		15	X	X	X					Preservatives
NBCH/009TW00201	11/2/94	1515	H_2O	40 ml VOA	4°C		2				X				Metals HNO_3
															Cyanide NAOH
															VOA: HCL

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	11/3/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Todd B. Templeton		PRINTED		PRINTED		PRINTED	
COMPANY: ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: ship to Lab	1900	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO.: 2[illegible]C003
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Hawkhost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA							REMARKS
NBCH/[illegible]	11/1/94	1216	H_2O	40 mL VOA	4°C	HCL	3	X							
NBCH/00[illegible]W00201	11/2/94	1515	H_2O	40 mL VOA	4°C	HCL	3	X							
NBCH/00[illegible]W00501	11/2/94	1045	H_2O	40 mL VOA	4°C	HCL	3	X							
NBCH/00[illegible]CS01	11/2/94	1455	H_2O	40 mL VOA	4°C	HCL	3	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	11/2/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED ~~[illegible]~~		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Sp to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2125130003
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 4

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ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverhoot
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide			REMARKS
NBCH/009GW02D01	11/2/94	1216	H_2O	1L Amber, 1L Poly 500 ml poly	4°C	→	5		X	X	X	X			Metals - HNO_3
NBCH/009GW00201	11/2/94	1515	H_2O	" "	4°C	→	5		X	X	X	X			Cyanide - NaOH
NBCH/009GW00501	11/2/94	1045	H_2O	"	4°	→	5		X	X	X	X			~~TPH~~ CD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/2/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED ~~Todd D Haverhoot~~		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON SAS to Lab	1900	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 2428130003
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

036CUST1

Cooler 20' L

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA/PCB/Pest	Cyanide	Metals					REMARKS
NBCH/CDHGW01D01	11/3/94	1415	H_2O	1L Amber, 1L [illegible] 500mL [illegible]	4°C	→	5	X	X	X					Cyanide - NaOH
															Metals - HNO_3

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/3/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1415	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 242613C025
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler lot 1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2708-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hoenkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest/PCB	Metals	Cyanide				REMARKS
** NBCH/GDHGW00101	11/3/94	1009	H_2O	1L Amber, 500mL poly, 1L Amber, 40mL VOA	4°C	→		X	X	X	X				VOAs - HCL/MS/MSD
NBCH/GDHGW00101	11/3/94	—	H_2O	40mL VOA	4°C	→	2	X							CYANIDE - NaOH
NBCH/GDHGW01D01	11/3/94	1415	H_2O	40mL VOA	4°C	→	3	X							Metals - ~~HCL~~ HNO_3

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/3/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1600	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed. Ex
SHIPMENT NO. 2428130025
SPECIAL INSTRUCTION:

COMMENTS: ** MS/MSD
DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

036CUST1

Coder 2 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2705-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd HAVERKOST
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS		SVOA/PEST/PCB	METALS	CYANIDE	TPH			REMARKS
NBCH/653GW00001	11/4/94	1445	H_2O	1L AMBER, 500ml poly 1L poly	4°C	→	6		X	X	X	X			CYANIDE - NaOH
NBCH/653GW00201	11/4/94	1255	H_2O	1L AMBER, 500ml poly 1L poly	4°C	→	6		X	X	X	X			METALS - HNO_3
															TPH - H_2SO_4

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	10/4/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: STEVE THOMPSON		PRINTED:		PRINTED:		PRINTED:	
COMPANY: ENSAFE	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Shipto LAB	1930	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 7370597305
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]
ADDRESS Zone 11
PROJECT NAME/NUMBER 2403 08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Havenhart
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App. IX	Hex Cr	App. IX VOA					REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	→	14	X	X						[illegible]
[illegible]		—	4.0	40 ml VOA	4°	HCl	2			X					[illegible]
															[illegible]
															VOAs - HCl

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1930	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 737[illegible]305
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 7708-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest/PCB	Cyanide	Metals				REMARKS
NBCH/GDHGW00201	11/4/94	1727	H_2O	1L Amber, 1L Poly 40 ml VOA, 250ml dry	4°C	HCL	8	X	X	X	X				[illegible] vatives:
~~NBCH/[illegible]~~															Metals: HNO_3
NBCH/653GW00101	11/4/94	1445	H_2O	40 ml VOA	4°C	HCl	3	X							Cyanide: NaOH
NBCH/653GW00201	11/4/94	1258	H_2O	40 ml VOA	4°C	HCl	3	X							VOAs: HCl

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	11/4/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: McDhorty		PRINTED:		PRINTED:		PRINTED:	
COMPANY: EA&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1930	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 7770585305
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval B[illegible] [illegible]lon
ADDRESS [illegible]
PROJECT NAME/NUMBER [illegible]-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]kost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Pest/PCB	Cyanide	Metals				REMARKS
NBCH/0096W01101	11/5/94	1045	H_2O	[illegible]	4°C	—	[illegible]	X	X	X	X				cyanide - NaOH
NBCH/[illegible]W02D01	11/5/94	1200	H_2O	" "	4°C	→	[illegible]	X	X	X	X				Metals - HNO_3
NBCH/[illegible]W[illegible]01	11/5/94	—	H_2O	[illegible]	4°C	[illegible]	2	X							VOA - HCL

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	11/5/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible] Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1300	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS:
DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 2
Ensafe cooler # 011

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Metals	Pest/PCB	Cyanide	TPH		REMARKS
NBCH/013GW00101	10/31/94	1015	H_2O	40 ml VOA; 1L AG; 500 ml 1L Poly	4°	→	9	X	X	X	X	X	X		Preservatives:
NBCH/013GW00201	↓	0925	↓	"	↓	→	9	X	X	X	X	X	X		VOAs - HCl
NBCH/013GW00301	↓	1200	↓	40 ml VOA	↓	HCl	3	X							Metals - HNO_3
NBCH/013GW00401	↓	1327	↓	"	↓	HCl	3	X							Cyanide NaOH
NBCH/013TW00101	10/31/94	—	H_2O	"	4°	HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/1/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY FLASH	TIME 1800	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: 110 EX
SHIPMENT NO.: ~~[illegible]~~
SPECIAL INSTRUCTION: 2428130106

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 2 of 2

[illegible] #3

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: XCB-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Hawkins
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	Pest/PCB	Metals	Cyanide	TPH			REMARKS
NBCH/0136[illegible]301	10/31/94	1200	H2O	1 L HG [illegible]	4°	→	6	X	X	X	X	X			
NBCH/0136[illegible]401	10/31/94	1327	H2O	"	4°	→	6	X	X	X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	10/31/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY [illegible]	1700	COMPANY		COMPANY		COMPANY	
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION: 242 [illegible] 30106

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 2 of 2

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]
ADDRESS [illegible] H
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER [illegible]
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: [illegible]	[illegible]	[illegible]	[illegible]				REMARKS
[illegible]	[illegible]	1015	[illegible]	[illegible]	4°	→	5	X	X	X	X				[illegible]
[illegible]	[illegible]	1406	[illegible]	"	4°	→	5	X	X	X	X				[illegible]
															[illegible]

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	0	REASON		REASON		REASON	

METHOD OF SHIPMENT: _____
SHIPMENT NO. _____
SPECIAL INSTRUCTION: _____

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cover 1 of 2

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2905 C4440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	Hex Cr	App IX VOA					REMARKS
NBCH/GDHE[illegible]	11/07/94	1800	H_2O	1L AG, 40 ml VOA, 750, 500 ml, 1L HDPE	4°	→	14	X	X						
NBCH/GDHT[illegible]	"	—	H_2O	40 ml VOA	4°	HCl	2			X					
															Preserved with:
															Metals - HNO3
															Cyanide - NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/7/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M C Dhenty		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1930	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

1 of 2

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NavFac Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2605-05440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd [illegible]
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Metals	Cyanide	Pest/PCB			REMARKS
N[illegible]/[illegible]0001	11/2/94	1015	H C	4c m[illegible] VOA	4	1'CC	3	X	X						
N[illegible]/[illegible]0001	↓	1400	↓	↓	↓	↓	3	X	X						
N[illegible]/[illegible]0001	↓	11:2	↓	↓	↓	↓ *	8	X	X	X	X	X			*
~~MTD~~															

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	11/2/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY		COMPANY		COMPANY		COMPANY	
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 1276572 4
SPECIAL INSTRUCTION:

COMMENTS: AQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2408-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Hardwick
TELEPHONE NO.: 901 372-7962
FAX. NO.: 901-372-8254
SAMPLERS: (SIGNATURE) McBrady

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TPH	TPH	Hg	Hg TX VOA				REMARKS
NBCH/GDHD[illegible]01	11/8/94	1400	H_2O	[illegible]	4°	→	15	X	X	X					
NBCH/GDHTW00X02	"	—	H_2O	40 ml VOA	4°	HCl	2				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [illegible]	11/8/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: McBrady	TIME: 1400	PRINTED:	TIME:	PRINTED:	TIME:	PRINTED:	TIME:
COMPANY: [illegible]		COMPANY:		COMPANY:		COMPANY:	
REASON: [illegible]		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

Cooler 1 of 2

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2708-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Huverkost
TELEPHONE NO. 803-747-0336
FAX. NO. 803-747-7306
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	Pest/PCB	TPH	Metals	Cyanide	VOA			REMARKS
NBCH/GDHTW00801	11/8/94	0941	H_2O	1L Amber, 1L poly 500mL Ali 40mL VOA	4°C	→	9	X	X	X	X	X				TPH - H_2SO_4
NBCH/GDHTW00801	11/8/94	—	H_2O	40 mL VOA	4°C	→	2					X				Cyanide - NaOH
NBCH/GDHGW00801	11/8/94	1110	H_2O	1L Amber, 1L poly 500mL poly, 40mL VOA	4°C	→	8	X		X	X	X				Metals - HNO_3
																VOA - HCL

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE:	11/8/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Todd B. Temple	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: ENSAFE	1330	COMPANY:		COMPANY:		COMPANY:	
REASON: ship to lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 7370585283
SPECIAL INSTRUCTION:

COMMENTS:
DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 1

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2905-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803 747 7937
FAX. NO.: 803 747 1946
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Metals	Cyanide	Pest/PCB			REMARKS
NBCH/121GW00101	11/09/94	1617	H_2O	40 ml VOA, 1L AG 2 ml 1L Poly	4°C	→	8					X			H_2O Preservatives:
NBCH/GDHGW00D01	↓	1630	H_2O	"	↓	→	8					X			Metals - HNO_3
NBCH/GDHSB06601	↓	0934	Soil	4 ml Glass	↓	None	3					X			Cyanide - NaOH
NBCH/GDHSB06602	↓	1000	↓	↓	↓	↓	3					X			VOA, HCl
NBCH/GDHSB05401	↓	1045	↓	↓	↓	↓	3					X			
NBCH/GDHSB05402	↓	1100	↓	↓	↓	↓	3	X	X	X	X	X			
NBCH/121GW00101	11/09/94	—	H_2O	40 ml VOA	4°	HCl	2	X							

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	11/09/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: McDaniel		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1830	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 242 2020062
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

NCOCR

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]
ADDRESS [illegible]
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C) [illegible]

PROJECT MANAGER [illegible]
TELEPHONE NO. [illegible]
FAX. NO. (803) [illegible]
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	[illegible]	[illegible]	[illegible]					REMARKS
[illegible]	11-[illegible]-4	1010	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	X	X					
[illegible]	↓	1320	↓	↓	↓	↓	[illegible]	[illegible]	X	X	X					
[illegible]	↓	1010	↓	[illegible]		↓	3	X								
[illegible]	↓		↓	[illegible]	↓	↓	[illegible]	X	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY		COMPANY		COMPANY		COMPANY	
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO.
SPECIAL INSTRUCTION: [illegible]

COMMENTS: DQO-3
TEMP. BLANK ENCLOSED

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2500-08490
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: TODD HAVERKOST
TELEPHONE NO. (803) 747-7537
FAX NO. (803) 747-7536
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/PEST/PCB	METALS/CYANIDE	CYANIDE	HERBS/EP/PEST	HEY CHROME	DIOXIN	REMARKS
NBCH/[illegible]	11/19/94	1320	H2O	40 ml glass	4°C	HCL	3	X							
				1L AG		NONE	3		X						
				500ml Poly		HNO3	1			X					
				1L Poly		NaOH	1				X				
				1L AG		NONE	3					X			
				250 Poly		NONE	1						X		
				1L AG		NONE	2							X	
NBCH/[illegible]	11/19/94	1400		40ml		HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	11/19/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED SAM KATHERINE	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H	1400	COMPANY		COMPANY		COMPANY	
REASON SHIP TO LAB		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED-EX
SHIPMENT NO. 7370585202
SPECIAL INSTRUCTION:

COMMENTS: DQO-3
TEMP BLANK ENCLOSED

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 3 of 3

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2408-03440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER T. Hauerbert
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	TPH	SVOA Pests, PCBs	Cyanide	Metals			REMARKS
NBCH/014GW00201	11-14-94	1330	H_2O	40 mL/glass	4°C	HCl	3	X							
↓	↓	↓	↓	1L/glass	↓	H_2SO_4	1		X						
↓	↓	↓	↓	1L/glass	↓	NONE	3			X					
↓	↓	↓	↓	1L/plastic	↓	NaOH	1				X				
↓	↓	↓	↓	500 mL/plastic	↓	HNO_3	1					X			
NBCH/014GW02D01	↓	1350	↓	40 mL/glass	↓	HCl	3	X							
↓	↓	↓	↓	1L/glass	↓	H_2SO_4	1		X						
↓	↓	↓	↓	1L/glass	↓	NONE	3			X					
↓	↓	↓	↓	1L/plastic	↓	NaOH	1				X				
↓	↓	↓	↓	500 mL/plastic	↓	HNO_3	1					X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/15/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY SIASH	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	M30	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2428136084
SPECIAL INSTRUCTION:

COMMENTS: DQ03
App IX

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 5 of 3

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hawkins
TELEPHONE NO. 803 747 0536
FAX. NO. 803 747 7306
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX VOA							REMARKS
NBCH/014TW0020	11-15-99	—	H_2O	40 ml VOA	4°C	HCl	2	X							
Temp. Blank															

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/15/99	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED McDhurity		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1930	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 2428130084
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 3

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: [illegible]
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803 747 0336
FAX. NO.: 803 747 7306
SAMPLERS: (SIGNATURE) Barry Dell

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pests, PCBs	Metals	Cyanide	Herbs, OP Pests	Phenols	Hex Chrome	REMARKS
NBCH014GW01D01	11-15-94	1300	H_2O	40 mL/glass	4°C	HCL	3	X							
↓	↓	↓	↓	1L/glass	↓	None	3		X						
				500 mL/Poly		HNO_3	1			X					
				1L/Poly		NaOH	1				X				
				1L/glass		None	3					X			
				1L/glass		↓	2						X		
				250 mL/Poly			1							X	
NBCH014GW00101		1475		40 mL/glass		HCL	3	X							
↓	↓	↓	↓	1L/glass	↓	None	3		X						
				500 mL/Poly		HNO_3	1			X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [illegible]	11/15/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: [illegible]	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: E/A	1530	COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 2428130288
SPECIAL INSTRUCTION:

COMMENTS: D003

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

Cover 2 of 3

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2[illegible] - 08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER T. Haverkort
TELEPHONE NO. 803 747 6330
FAX. NO. 803 747 7306
SAMPLERS: (SIGNATURE) Barry Doll

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App IX VOA							REMARKS
N3CH/014TW00101	11/1/94	—	H_2O	40 ml VOA	4°C	HCl	2	X							
Temp Blank				40 ml VOA			1								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	11/7/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED McDiarmity		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab	FBO	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 2[illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 3

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone I
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Havenkost
TELEPHONE NO.: 803 747 0336
FAX. NO.: 803 747 7300
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Cyanide	Herbs + OP Pests	Dioxin	Hex Chrome				REMARKS
NBCH/014GW00101	11-15-94	1425	H_2O	1L/Poly	4°C	NaOH	1	X							
				1L/glass		None	3		X						
				1L/glass			2			X					
				250mL/Poly			1				X				
NBCH/014GW00201		0925		1L/glass			3		X						
				" "			2			X					
				250mL/Poly			1				X				
NBCH/014GW02D01		0853		1L/glass			3		X						
				" "			2			X					
				250mL/Poly			1				X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	11/15/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: McDhority		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A 311	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Shipto Lab	1930	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 2478130084
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 4 of 4

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 7908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]
TELEPHONE NO. [illegible]
FAX. NO. [illegible]
SAMPLERS: (SIGNATURE) Barry Doll

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Add IV	ANALYSIS REQUIRED: Hexa Cr						REMARKS
NAVCH 94GW00501	11 16 94	1605	H2O	1L AG [illegible] 1L PY	4°C	→	11	X	X						

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	11/1/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhanty	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EIASH	1630	COMPANY		COMPANY		COMPANY	
REASON Sample Cols		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 7159472275
SPECIAL INSTRUCTION:

COMMENTS: DGO 3
VOAs in cooler 1

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

[illegible] 3 of 4

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS [illegible]
PROJECT NAME/NUMBER [illegible] 08490
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverhart
TELEPHONE NO. [illegible] 3747 7937
FAX. NO. [illegible] 3747 7946
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Hop TX	ANALYSIS REQUIRED: Hex Cr						REMARKS
[illegible]	[illegible]	0950	H2O	[illegible]	4°C	→	11	X	X						Preservatives: Metals - HNO3 Cyanide - NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1030	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. [illegible] 5 [illegible] 78275
SPECIAL INSTRUCTION:

COMMENTS: DQO 3
VOAs in Cooler 1 of 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Page 6 of 7

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
PROJECT MANAGER: Todd Haverkort
ADDRESS: Zone H
TELEPHONE NO.: [illegible]
PROJECT NAME/NUMBER: 2908-08440
FAX. NO.: 803 [illegible]
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE) Barry Dell

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Amly SVOA	Amly Pesticides	Amly Carbamates	Amly Herb	Amly Metals	Dioxins	Cyanide	Hex Cr	REMARKS
NBC11/0146W003D1	11-16-94	1525	H2O	1 Gal. [illegible]	4°C	→	11	X	X	X	X	X	X	X	X	

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	11/16/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EHH		COMPANY		COMPANY		COMPANY	
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 2[illegible] 9913275
SPECIAL INSTRUCTION:

COMMENTS: DQ03
Vial in Cooler 1 of 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 1 of 4

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NavBase Charleston
ADDRESS Zone
PROJECT NAME/NUMBER 2408-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 8037477937
FAX. NO. 8037477946
SAMPLERS: (SIGNATURE) Barry Dodd

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	Hex Cr	App IX VOA					REMARKS
NBCH\014GW03D01	11-16-94	1040	H_2O	1 L AG; 40 ml VOA [illegible] ml, 1 L Poly	4°C	→	14	X	X						Preservatives: Metals - HNO_3
NBCH\014TW03D01	↓	—	↓	40 ml VOA	↓	HCl	2			X					Cyanide - NaOH
NBCH\014GW00301	↓	1525	↓	↓	↓	HCl	3			X					VOAs - HCl
NBCH\014GW00401	↓	1750	↓	↓	↓	HCl	3			X					
NBCH\014GW00501	↓	1605	↓	↓	↓	HCl	3			X					

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MC Dhoute	11/16/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhoute		PRINTED		PRINTED		PRINTED	
COMPANY EMSH	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipto Lab	1930	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 2[illegible]9473275
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CLNCOCR

Cooler 5 of 5

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 803 747 0330
FAX NO. 803 747 7306
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide			REMARKS
N3CH/GDHGW00401	11/17/94	1430	H_2O	40 ml VOA, 1L AG, 1L poly	4°C	→	8	X	X	X	X	X			
N3CH/GDHGW00501	↓	1300	↓	"	↓	→	8	X	X	X	X	X			
N3CH/GDHTW00401	↓	—	↓	40 ml VOA	↓	HCl	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	11/17/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EIAH		COMPANY		COMPANY		COMPANY	
REASON Ship to lab	1430	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

LNCOCR

COOLER 4 of 5

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2708-05440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: TODD HAVERKOST
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) M C Dietz

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA (5)	APPENDIX 9*	HEXER					REMARKS
NBCH-014GW-05D01	11/17/94	1303	W	1 LITER AMBER GLASS 10ml VOA, POLY	4°C	→	[illegible]		X	X					METALS - HNO_3
															CYANIDE - NaOH
															VOA - HCL

M C D

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: M C Dietz	11/17/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: CHRISTINE DAVIDY		PRINTED:		PRINTED:		PRINTED:	
COMPANY: ENSAFE A/H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1930	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 265946 0101
SPECIAL INSTRUCTION:

COMMENTS: * VOA VIALS IN COOLER 1
DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 3 of 5

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Navy Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908 - 08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hawkert
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED App. IX*	ANALYSIS REQUIRED Hex Cr						REMARKS
NBCH\GDHHN00401	11/11/94	1430	1120	1L AG 1L poly 2[illegible] poly	4°	→	11	X	X						

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/11/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1520	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 2659460101
SPECIAL INSTRUCTION:

COMMENTS: * VOA vials in Cooler 1
DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

COOLER 2 of

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVAL BASE CHARLESTON
ADDRESS ZONE H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd HAVERKOST
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APPENDIX 9*	ANALYSIS REQUIRED: HEXCR.						REMARKS
NBCH-014GW-04D01	11/17/94	1220	H_2O	1 LITER AMBER 40ml VOA, ROLY	4°C	→	11	X	X						METALS - HNO_3
															CYANIDE - NaOH
															VOA - HCL

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/17/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED CHRISTINE DHORSTY		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE/A&H	TIME 1930	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. 21-[illegible]
SPECIAL INSTRUCTION:

COMMENTS: * VOA VIALS IN COOLER 1
DQO-3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 1 of 5

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908 - 08440
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haveckost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) M'C Bhoritz

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX VOA							REMARKS
NBCH/OMGW05D01	11/17/94	1303	H_2O	40 ml VOA	4°C	HCl	3	X							
NBCH/OMGW04D01	11/17/94	1220	H_2O	40 ml VOA	4°C	HCl	3	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE M'C Bhoritz	11/11/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M'C Bhoritz		PRINTED		PRINTED		PRINTED	
COMPANY E/A H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Cal	1930	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 215 946 0101
SPECIAL INSTRUCTION: _____

COMMENTS: DGO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of -

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2903-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) M C Dhority

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App TX	Hex Cr	App TX VOA					REMARKS
NBCH\014HW04D01	11/17/94	1150	H_2O	40 ml VOA; 1 L AG [illegible]	4°C	see remarks	14	X	X						Preservatives:
NBCH\014TCL04D01	11/17/94	—	H_2O	40 ml VOA	4°C	HCl	2			X					Metals · HNO_3
NBCH\GDHHW00401	11/17/94	1430	H_2O	40 ml VOA	4°C	HCl	3			X					Cyanide · NaOH
															VOA HCl

M C D

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE M C Dhority	11/17/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M C Dhority		PRINTED		PRINTED		PRINTED	
COMPANY E/A & H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1930	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 1159460101
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 4 of 4

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone I
PROJECT NAME/NUMBER 2903-05940
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOA	PCB/TPCB	Metals	Cyanide				REMARKS
[illegible]	[illegible]	1300	H2O	[illegible]	4°C	[illegible]	5	X	X	X	X				* Cyanide
[illegible]	↓	[illegible]	↓	↓	↓	↓	5	X	X	X	X				samples are
[illegible]	↓	1512	↓	↓	↓	↓	5	X	X	X	X				NOT preserved.

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME 1530	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 3 of

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
PROJECT MANAGER Todd Haverkost
ADDRESS Zone H
TELEPHONE NO. 803 747 7937
PROJECT NAME/NUMBER 2908-08940
FAX. NO. 803 747 7946
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE) MC Dhenty

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Metals	Cyanide	Pest/PCB			REMARKS
* NBCH/GDHGW00001	11/18/94	1008	H_2O	1L AG, 40 ml vial, 2 ml HCl poly	4°C	**	7	X	X	X	X	X			** - Preservatives:
NBCH/GDHGW00001	↓	1115	↓	"	↓	"	8	X	X	X	X	X			Metals - HNO_3
NBCH/009GW12D01	↓	1300	↓	40 ml VOA	↓	HCl	3	X							VOAs - HCl
NBCH/GDHTW00001	↓	—	↓	↓	↓	↓	3	X							Cyanide - NOT
NBCH/009GW00301	↓	1445	↓	↓	↓	↓	3	X							preserved
NBCH/009GW01301	↓	1512	↓	↓	↓	↓	3	X							

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MC Dhenty	11/18/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MC Dhenty		PRINTED		PRINTED		PRINTED	
COMPANY EMSH	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1830	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2659460112
SPECIAL INSTRUCTION:

COMMENTS: DQO 3
* Only 2 1L AG Bottles for SV/Pest/PCB

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CLNCOCR

Cooler 2 of 4

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS 2016 H
PROJECT NAME/NUMBER 2405-05440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkot
TELEPHONE NO. 803 747 7937
FAX. NO. 803 747 7946
SAMPLERS: (SIGNATURE) MCDhoutz

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App. IX **	ANALYSIS REQUIRED: Hex Cr					REMARKS
NBCH/GDHHW00601	11/13/94	1008	H_2O	1L AG 2000, 500 ml, 1L Poly	4°C	*	9	X	X					* Metals - HNO_3 Cyanide NOT preserved.

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE MCDhoutz	11/18/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED MCDhoutz		PRINTED		PRINTED		PRINTED	
COMPANY 2016 H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1830	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 265946042
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

** VOAs in cooler 1 of 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

*** Only 6 1-L AG jars → 2 SV/Pest/PCB
2 Herb/OP Pest
2 Dioxin

LNCOCR

Cooler 1 of 2

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-0844C
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: App IX	App IX VOA	TPH	Hex Cr				REMARKS
NBCH\009FW00301	11/18/94		H_2O	[illegible]	4°C	**	15	X		X	X				** –
NBCH\009TW00301	↓	—	↓	40 ml vial	↓	HCl	2		X						Metals - HNO_3
NBCH\GDHH00001	↓	1008	↓	40 ml vial	↓	HCl	3		X						VOAs - HCl
															Cyanide not preserved.

[signature]

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
SIGNATURE [signature]	11/18/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]		COMPANY		COMPANY		COMPANY	
REASON Ship to lab	1830	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Page 2 of 2

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Reg Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2408-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Jill Hancock
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Aroclor IX	TPH	Hex Cr	Aroclor IX WP				REMARKS
[illegible]	11/17/94	1115	[illegible]	[illegible]	4C	*	15	X	X	X					* [illegible]
[illegible]	[illegible]	—	[illegible]	[illegible]	4C	4C	2				X				[illegible] - HNO3
															HCN - HCl
															Cyanide - NaOH
															TPH - H2SO4

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	11/17/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY: [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Ship to lab	1330	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: [illegible]
SPECIAL INSTRUCTION:

COMMENTS: DG04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Page 1 of 2

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible] Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2708 C 4410
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hawkins
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/Hot HCB	TRPH	Cyanide				REMARKS
NBCH/009GW00101	11/1/94	1105	H2O	[illegible] 12 poly	4°C	*	8	X	X	X	X				* [illegible]
NBCH/009GW00901	↓	1010	↓	↓	↓	↓	8	X	X	X	X				[illegible] HNO3
NBCH/009GW03D01	↓	1023	↓	↓	↓	↓	8	X	X	X	X				VOA HCl
NBCH/009TW00102	↓	—	↓	40 ml VOA	↓	HCl	2	X							Cyanide - NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	11/9/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A-H	1330	COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2655946145
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 4 of 4

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08470
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA Pest PCB	Metals	Cyanide					REMARKS
NBCH/C-DHG-W09D01	11/21/94	1605	H_2O	1L Amber, 1L poly, 500mL poly	4°C	→	5	X	X	X					Metals - HNO_3
NBCH/GDHG1W01001	11/21/94	1656	H_2O	"	4°C	→	5	X	X	X					Cyanide - NaOH
Temp Blank															

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: MC Dhority	11/21/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: MC Dhority	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: EIA&H	1830	COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to Cab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 2659460156
SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 3 of 1

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
PROJECT MANAGER: Todd Haverkost
ADDRESS: Zone H
TELEPHONE NO.: (901) 372-7962
PROJECT NAME/NUMBER: 2908-08440
FAX. NO.: (901) 372-2454
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/Pest/PCB	Metals	Cyanide				REMARKS
NBCH/GDHGW01101	11/21/94	1030	H_2O	1L Amber, 1L Poly 500mL Poly, 40mL VOA	4°C	→	8	X	X	X	X				VOA - HCL
NBCH/[illegible]W00901	11/21/94	1530	H_2O	1L Amber, 1L Poly 500mL Poly, 40mL VOA	4°C	→	8	X	X	X	X				Cyanide - NaOH
NBCH/GDHGW09D01	11/21/94	1605	H_2O	40mL VOA	4°C	→	3	X							Metals - HNO_3
NBCH/GDHGW01001	↓	1656	H_2O	↓	↓	HCl	3	X							
NBCH/GDHTW01101	↓	—	H_2O	↓	↓	HCl	2	X							
Temp Blank															

MCD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	11/21/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: MC Phoenix		PRINTED:		PRINTED:		PRINTED:	
COMPANY: EA&H	TIME: 1830	COMPANY:	TIME:	COMPANY:	TIME:	COMPANY:	TIME:
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 2659460156
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 2 of 4

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Hawkins
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Hg DX	ANALYSIS REQUIRED: Hg DX VOA						REMARKS
NBCH\009HW00401	11/21/94	1041	H_2O	[illegible]	4°C	*	14	X							* Preserved w/
NBCH\009TW00402	11/21/94	—	H_2O	40 ml VOA	4°C	HCl	2		X						Metals: HNO_3
Temp Blank															Cyanide: NaOH
															VOA: HCl

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/21/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1830	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 26-7946 01576
SPECIAL INSTRUCTION: _____

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

Cooler 1 of 4

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible] Charleston
ADDRESS Zone 11
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Pest/PCB	Metals	Cyanide			REMARKS
NECH[illegible]	11/21/99	1041	H_2O	[illegible]	4°C	*	8	X	X	X	X	X			* Preserved w/
NECH[illegible]	↓	1250	H_2O	"	↓	*	8	X	X	X	X	X			metals: HNO_3
NECH[illegible]	↓	—	H_2O	40ml VOA	↓	HCl	2	X							Cyanide: NaOH
Temp Blank															Volatiles: HCl

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	11/21/99	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	1230	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2[illegible]6156
SPECIAL INSTRUCTION:

COMMENTS: DQO's

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston
ADDRESS ZONE H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Pest/PCB	Metals/Cyanide					REMARKS
NBCH/GDHSB08601	11/22/94	0830	Soil	4oz glass Jar	4°C	NONE	3	X	X	X					* H_2O preserved
NBCH/GDHSB08602	11/22/94	0848	Soil	4oz glass Jar	4°C	NONE	3	X	X	X					with:
NBCH/GDHSB08701	11/22/94	0915	Soil	4oz glass Jar	4°C	NONE	3	X	X	X					Metals - HNO_3
NBCH/GDHSB08702	11/22/94	0930	Soil	4oz glass Jar	4°C	NONE	3	X	X	X					Cyanide - NaOH
NBCH/GDHSB08801	11/22/94	0955	Soil	4oz glass Jar	4°C	NONE	3	X	X	X					~~H_2O~~ VOA - HCl
NBCH/GDHSB08802	11/22/94	1010	Soil	4oz glass Jar	4°C	NONE	3	X	X	X					
NBCH/009GW01201	11/22/94	0955	H_2O	40 ml VOA, 1L AG 500 ml + 1L Poly	4°C	*	8	X	X	X					
NBCH/GDHTB08601	11/22/94	—	H_2O	40 ml VOA	4°C	HCl	2	X							
NBCH/009GW01501	11/22/94	1500	H_2O	40 ml VOA, 1L AG 500 ml + 1L Poly	4°C	*	8	X	X	X					
NBCH/009GW06D01	11/22/94	1645	H_2O	40 mL VOA	4°C	HCL	3	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/23/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1745	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 2659460171
SPECIAL INSTRUCTION: _____

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 2 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA, Pest/PCB	Metals	Cyanide					REMARKS
NBCH/009G-W00G01	11/22/94	1515	H_2O	1L Amber, 1L Poly, 1L Poly	4°C	→	5	X	X	X					Metals - HNO_3
NBCH/009G-W06D01	11/22/94	1645	H_2O	1L Amber, 1L Poly, 1L Poly	4°C	→	5	X	X	X					Cyanide - NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/22/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2659460171
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2400-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. 901-372-7962
FAX. NO. 901-372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA							REMARKS
NBCH/001GW00001	11/12/94	1515	H2O	40 mL VOA	4°C	HCL	3	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/9/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipping	1745	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 2659460171
SPECIAL INSTRUCTION:

COMMENTS: DQ 3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2906-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Hawkins
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Pest/PCB	Metals	Cyanide				REMARKS
NBCH/0096W00801	11/28/94	1051	H_2O	1L Amber, 1L Poly, 500mL poly, 40mL VOA	4°C	→	8	X	X	X	X				VOA - HCL
NBCH/0096W00D01	11/28/94	1612	H_2O	1L Amber, 1L Poly, 500mL poly, 40mL VOA	4°C	→	8	X	X	X	X				Metals - HNO_3
NBCH/0096W00B	11/28/94	—	H_2O	40mL VOA	4°C	→	2	X							Cyanide - NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE:	11/28/94	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Todd B. Temple		PRINTED:		PRINTED:		PRINTED:	
COMPANY: ENSAFE	TIME: 1630	COMPANY:	TIME:	COMPANY:	TIME:	COMPANY:	TIME:
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 2659460182
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	APP. II + Hex Chrom	1							REMARKS
MB11/GOHW00701	11/29/94	1005	H_2O	1L Amber, 1L poly, 250mL poly, 40mL VOA	4°C	VOA - HCl, Metals - HNO3, Cyanide - NaOH	14	X								Full App. II + Hex Chrom

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/29/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1500	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON SA DML-6		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2659460311
SPECIAL INSTRUCTION:

COMMENTS: DQO - 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 2 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF ~~3~~ 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 29080440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Havrkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA, Pest/PCB	Metals	Cyanide					REMARKS
NBCH/EDHCW00701	11/29/94	1005	H_2O	1L Amber, 1L Poly, 500mL Poly, 40mL VOA	4°C	[illegible]	15	X	X	X					MS/MSD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	11/29/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1500	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 2659460711
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 2

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 32 TBT

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest/PCB	Metals	Cyan, etc				REMARKS
NBCH/009GW01401	11/29/94	1015	H_2O	1L Amber, 1L Poly, 500mL Poly, 40mL VOA	4°C	VOA: HCL, Amber: NaOH, Cyanide: NaOH	8	X	X	X	X				
NBCH/[illegible]W00701	11/29/94	1005	H_2O	40mL VOA	4°C	HCL	9	X							MS/MSD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	11/30/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1500	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2659460311
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED: Sport Pest RB JJ-11-30-94

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Sport	Pest	RB	JJ-11-30-94					REMARKS
NBCH/655GW00301	11/29/94	1520	H_2O	1L AMBER	4°C	NONE	3	X								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	11/30/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Todd R. Temple	TIME 1600	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY: ENSAFE		COMPANY		COMPANY		COMPANY	
REASON: ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 2659460193
SPECIAL INSTRUCTION:

COMMENTS: These samples replace the lab error
DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 3908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: VOA	SVOA, PEST/PCB	Metals/Cyanide					REMARKS
NBCH/GDHS808901	11/30/94	0930	Soil	4oz Glass	4°C	None	3	X	X	X					
NBCH/GDHS809001	11/30/94	1105	Soil	4oz Glass	4°C	None	3	X	X	X					
NBCH/GDHS809101	11/30/94	1150	Soil	4oz Glass	4°C	None	3	X	X	X					
NBCH/GDHT809101	11/30/94	—	H_2O	40mL VOA	4°C	None	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	11/30/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd R. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1300	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2659460296
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/Pest/PCB	Metals/Cyanide/Hexane	TPH	Herbs/OP Pest	Dioxin		REMARKS
NBCHG90CB00201	12/14/94	1148	So.1	4oz. Glass Jar	4°C	None	6	X	X	X	X	X	X		

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	12/14/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 2659478570
SPECIAL INSTRUCTION: _____

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2708-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/Pest/PCB	Metals/Cyanide	TPH				REMARKS
NBCH\GDHSB09201	12/14/94	0932	Soil	4oz Glass Jar	4°C	None	3	X	X	X					
NBCH\690SB00101	12/14/94	1116	Soil	4oz Glass Jar	4°C	None	8	X	X	X	X				MS/MSD
NBCH\690SB00201	12/14/94	1148	Soil	4oz Glass Jar	4°C	None	4	X	X	X	X				
NBCH\GDHSB09202	12/14/94	0954	Soil	4oz Glass Jar	4°C	None	3	X	X	X					
~~NBCH\[illegible]~~				TDT											
NBCH\690TG00209	12/14/94	—	H_2O	40mL VOA	4°C	None	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	12/14/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to lab	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 265-9478570
SPECIAL INSTRUCTION: _____

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]
ADDRESS [illegible] H
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER [illegible]
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	[illegible]	[illegible]	[illegible]				REMARKS
[illegible]	[illegible]	[illegible]	H_2O	[illegible]	[illegible]	→	5	X	X	X	X				[illegible]
[illegible]	[illegible]	N/A	H_2O	2 [illegible]	4°C		2	X							[illegible]
															[illegible]

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY E/ [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	[illegible]	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. [illegible]
SPECIAL INSTRUCTION: _____

COMMENTS: DGC3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

036CUST1

Cooler 2 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APP IX	Hex Cr	APP IX VOA					REMARKS
NBCH\GDHHW10D01	12/16/94	1330	H_2O	40 ml VOA, 1L Amber Gl. 250 ml, 500 ml, 1L Poly	4°C	→	14	X	X						Preservatives:
NBCH\GDHTW10D01	12/16/94	—	H_2O	40 ml VOA	4°C	→	2			X					Metals - HNO_3
															Cyanide - NaOH
															VOA - HCL

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	12/16	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1810	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2659478522
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: NAVAL Base Charleston
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2108-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Hawkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Pest/Herb	Metals/Cyanide	TPH				REMARKS
NBCH\6705B00301	12/16/94	0940	Soil	4oz Glass	4°C	None	4	X	X	X	X				
NBCH\6705B00401	12/16/94	1005	Soil	4oz Glass	4°C	None	4	X	X	X	X				
NBCH\6705B00501	12/16/94	1040	Soil	4oz Glass	4°C	None	4	X	X	X	X				
NBCH\6705B00601	12/16/94	110	Soil	4oz Glass	4°C	None	4	X	X	X	X				
NBCH\6705B00701	12/16/94	1125	Soil	4oz Glass	4°C	None	4	X	X	X	X				
NBCH\6705B00801	12/16/94	1145	Soil	4oz Glass	4°C	None	4	X	X	X	X				
NBCH\6705B00901	12/16/94	1220	Soil	4oz Glass	4°C	None	4	X	X	X	X				
NBCH\6705B01001	12/16/94	1335	Soil	4oz Glass	4°C	None	4	X	X	X	X				
NBCH\6707B00301	12/16/94	—	H_2O	40mL VOA	4°C	HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	12/16/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1410	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Sent to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2659478522
SPECIAL INSTRUCTION:

COMMENTS: DC03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2 TBT TBT

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest/PCBs	Metals	Cyanide				REMARKS
NBCH\GDHGWDD01	12/16/94	1330	H_2O	1L Amber, 1L Poly 500mL Poly, 40mL VOA	4°C	→	8	X	X	X	X				VOA - HCL
															Metals - HNO_3
															Cyanide - NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY [illegible]	[illegible]	COMPANY		COMPANY		COMPANY	
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 2659478522
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, PEST/PCBs	Metals/Cyanide	SVOA TCT				REMARKS
NBCH\GDHSB09301	12/19/94	0917	Sol	4oz glass	4°C	NONE	3	X	X	X					
NBCH\GDHTB09301	12/19/94	—	H_2O	40 mL VOA	4°C	HCL	2	X							

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
SIGNATURE [signature]	12/19/94	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE		COMPANY		COMPANY		COMPANY	
REASON Ship to Lab	1400	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 2659478533
SPECIAL INSTRUCTION: _____

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 1

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: Naval Base Charleston
PROJECT MANAGER: Todd Hawkost
ADDRESS: Zone H
TELEPHONE NO. (901) 372-7962
PROJECT NAME/NUMBER: 2908-08440
FAX. NO. (901) 372-2454
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, PEST/PCB	Metals	Cyanide				REMARKS
NBCH\GDHGW07D01	12/17/14	1130	H_2O	1L Amber, 1L Amber, 40mL VOA, 500mL VOA	4°C	[illegible]	24	X	X	X	X				MS/MSD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	12/17/14	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd Tripp		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to lab	1400	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED. EX
SHIPMENT NO. 2659478533
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone 11
PROJECT NAME/NUMBER 2408-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hawkins
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Aqq IX	TPH	Hex Cr	Aqq IX VOA				REMARKS
NBCH/655CB01301	01-10-95	1453	Soil	4 oz Glass	4°C	None	7	X	X	X					
NBCH/655TB01301	01-10-95	—	H2O	40 ml VOA	4°C	HCl	4				X				* Trip Blank

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	01/10/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED McDhorty		PRINTED		PRINTED		PRINTED	
COMPANY Zone 11	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1830	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2659478334
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone 11
PROJECT NAME/NUMBER 2908-08426
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Hereskut
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: TPH	ANALYSIS REQUIRED: Pest/PCB						REMARKS
NBCH/[illegible]02	01-10-94	1500	Soil	4 oz glass	4°C	None	2	X	X						
NBCH/[illegible]02	01-10-94	1700	Soil	4 oz glass	4°C	None	2	X	X						

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
SIGNATURE [signature]	1/14/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED McDonald		PRINTED		PRINTED		PRINTED	
COMPANY SIASH		COMPANY		COMPANY		COMPANY	
REASON Ship to Lab	1830	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 2659478334
SPECIAL INSTRUCTION: _____

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

Code: 1 of 1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: [illegible]-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER: Todd [illegible]
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	[illegible]	TPH	Pest/PCB					REMARKS
NBCH\[illegible]	1/[illegible]/95	[illegible]	Soil	[illegible]	4°C	None	1	X							
NBCH\[illegible]	1/[illegible]/95	[illegible]	Soil	[illegible]	4°C	None	1	X							
NBCH\[illegible]	1/[illegible]/95	[illegible]	Soil	[illegible]	4°C	None	1	X							
NBCH\[illegible]	1/[illegible]/95	1[illegible]3	Soil	[illegible]	4°C	None	1	X							[illegible]
NBCH\6555B01001	↓	1370	Soil	↓	↓	↓	2		X	X					
NBCH\6555B00901	↓	1413	↓	↓	↓	↓	2		X	X					
NBCH\6555B01301	↓	1453	↓	↓	↓	↓	2		X	X					
NBCH\6555B01201	↓	1553	↓	↓	↓	↓	2		X	X					
NBCH\6555B01202	↓	1615	↓	↓	↓	↓	2		X	X					
NBCH\6555B01101	↓	1640	↓	↓	↓	↓	2		X	X					

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
SIGNATURE: [illegible]	1/[illegible]/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Mr Dhority		PRINTED:		PRINTED:		PRINTED:	
COMPANY: C/All		COMPANY:		COMPANY:		COMPANY:	
REASON: Samp to Lab	1830	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO.: 265[illegible]
SPECIAL INSTRUCTION: _____

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2905-05420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Havenkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA Pest/PCB	Metals	TPH	CYANIDE	HEX. Chromium	Dioxon	REMARKS
NBCH\017EB02201	1-11-95	1740	W	40ml	4	HCL	3	X							
NBCH\017EB02201	1-11-95	1740	W	1L	4	NONE	3		X						
NBCH\017EB02201	1-11-95	1740	W	500ml	4	HNO3	1			X					
NBCH\017EB02201	1-11-95	1740	W	1L	4	NONE	1				X				
NBCH\017EB02201	1-11-95	1740	W	1L Poly	4	NaOH	1					X			
NBCH\017EB02201	1-11-95	1740	W	250ml Poly	4	H2SO4	1						X		
NBCH\017EB02201	1-11-95	1740	W	1L	4	NONE	2							X	

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1-11-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Sh. to Lab	1845	REASON		REASON		REASON	

METHOD OF SHIPMENT: Federal Express
SHIPMENT NO. 2659475345
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

6CUST1

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2905-05420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) James E Watson

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Herbs, O.P. Pests	TPH-Pumpkin	VOA					REMARKS
NBCH\017EB02201	1-11-95	1740	W	1L	4	NONE	3	X							
NBCH\017EB02201	1-11-95	1740	W	1L	4	NONE	2		X						
NBCH\017TB02202	1-11-95		W	40ml	4	HCL	2			X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: James E Watson	1-11-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: James E Watson		PRINTED		PRINTED		PRINTED	
COMPANY: E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Ship to Lab	0845	REASON		REASON		REASON	

METHOD OF SHIPMENT: Federal Express
SHIPMENT NO. 2659475345
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA App IX	SVOA, Pest PCBs	Metals Cyanide	TPH	Diox n	Herb, O.P Pest	TPH (purge)	REMARKS
NBCH017CB02201	1/11/95	1028	Soil	4oz. Glass Jar	4°C	None	7	X	X	X	X	X	X	X	
NBCH017TB02201	1/11/95	—	Soil	40mL Vial	4°C	HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	1/11/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY: ENSAFE	TIME 1800	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 2657478345
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2408-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: TPH (Purge)	TPH, Post/PCB's	Metals/SVOA's					REMARKS
NBCH\017SB02201	1/11/95	1028	Soil	4oz Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB02202	1/11/95	1054	Soil	4oz Gl Jar	4°C	None	9	X	X	X					MS/MSD
NBCH\017SB02101	1/11/95	1105	Soil	4oz Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB02102	1/11/95	1124	Soil	4oz. Gl Jar	4°C	None	3	X	X	X					
NBCH\017SB02301	1/11/95	1430	Soil	4oz Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB02302	1/11/95	1445	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB02001	1/11/95	1500	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB02002	1/11/95	1515	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB01901	1/11/95	1545	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB01902	1/11/95	1555	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1/11/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B Toeyle		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 2659478345
SPECIAL INSTRUCTION: _____

COMMENTS: DQO 2

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler Item 1

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APP IX VOA	Full APP. IX	TPH (Perm)					REMARKS
NBCH\017CB01801	1-12-95	0745	Soil	4oz Gl. Jar	4°C	None	7	X	X	X					
NBCH\017TB01801	1-12-95	—	H_2O	40mL VOA	4°C	HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1/12/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 2659478371
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TPH (Purge)	TPH, TCL/PCBs	Metals, SVOA					REMARKS
NBCH\017SB01801	1/12/95	0945	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB01602	1/12/95	1015	Soil	4oz Gl. Jar	4°C	None	9	X	X	X					MS/MSD
NBCH\017SB01701	1/12/95	1130	Soil	4oz Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB01702	1/12/95	1145	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB01501	1/12/95	1305	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB01502	1/12/95	1325	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB01601	1/12/95	1430	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB01602	1/12/95	1445	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB01401	1/12/95	1450	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB01201	1/12/95	1600	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1/12/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 2659478371
SPECIAL INSTRUCTION: _____

COMMENTS: DQ02

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 1

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT N[illegible] Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2708-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Heverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: TPH Purge	TPH, [illegible]	Metals, SVOA					REMARKS
NBCH\0175801202	1/12/15	1612	Soil	4 oz. Gl. Jar	4°C	None	3	X	X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1/12/15	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 2C59478371
SPECIAL INSTRUCTION:

COMMENTS: DQO 2

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA App IX	Full App. IX	TPH	TPH (purge)				REMARKS
NBCH\01708025[illegible]	1/13/95	1420	H_2O	1 L Amber, 1 L poly, 40 mL, 500 mL poly	4°C	→	17	X	X	X	X				Preservatives
NBCH\01708025[illegible]	1/13/95	—	H_2O	40 mL VOA	4°C	→	2	X							VOA - HCL
															Metals - HNO_3
															Cyanide - NaOH
															TPH - H_2SO_4

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Troyte	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY ENSAFE		COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TPH (Purge)	TPH (extract)	App. IX VOA	Full App. IX + Hexchrome				REMARKS
NBCH\017CB01301	1/13/95	0930	Soil	4oz. Gl. Jar	4°C	None	7	X		X	X				TPH, Pc, TPH (extract)
NBCH\017TB01301	1/13/95	—	H_2O	40mL VOA	4°C	HCL	2			X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1/13/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex.
SHIPMENT NO. 2659478430
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOA, PCB, Metals							REMARKS
NBCH\121SB00701	1/13/95	1538	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\121SB00701	1/13/95	1552	Soil	4oz. Gl. Jar	4°C	None	1	X							

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
SIGNATURE [signature]	1/13/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE		COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex.
SHIPMENT NO. 2659478430
SPECIAL INSTRUCTION: _____

COMMENTS: DQ02

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 10 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haver Kost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TPH (Range)	TPH (Extract) PCBs	Metals/SVOA					REMARKS
NBCH\017SB013Ø1	1/13/95	Ø93Ø	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\017SB013Ø2	1/13/95	Ø945	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
~~NBCH\017SB013Ø1~~	~~1/13/95~~	~~1Ø45~~	~~Soil~~	~~4oz. Gl. Jar~~	~~4°C~~	~~None~~	~~3~~	~~X~~	~~X~~	~~X~~	~~TBT~~				
~~NBCH\017SB0~~ TBT															

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1/13/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY ENSAFE		COMPANY		COMPANY		COMPANY	
REASON Sh to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 2659478430
SPECIAL INSTRUCTION:

COMMENTS: DQ02

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

Cooler 1 of 2

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2108-0842Ø
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TPH (Purge)	TPH (Extract)	SVOA, PCBs					REMARKS
NBCH\Ø175BØ24Ø1	1/13/95	1045	Soil	4oz Gl. Jar	4°C	None	3	X	X	X					
NBCH\Ø175BØ24Ø2	1/13/95	1100	Soil	4oz Gl. Jar	4°C	None	3	X	X	X					
NBCH\Ø175BØ25Ø1	1/13/95	1120	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\Ø175BØ25Ø2	1/13/95	1128	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
SIGNATURE	1/13/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE		COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex.
SHIPMENT NO. 2659478430
SPECIAL INSTRUCTION:

COMMENTS: DQ02

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

cooler 1 of 1

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2108-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA, PCB, Metals							REMARKS
NBCH/121SB00901	1-16-95	1205	Soil	4oz Gl. Jar	4°C	None	1	X							
NBCH\121SB01101	1-16-95	1230	Soil	4oz Gl. Jar	4°C	None	1	X							
NBCH\121SB00801	1-16-95	1252	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\121SB00601	1-16-95	1302	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\121SB01001	1-16-95	1348	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\019 TBT SB01401	1-16-95	1603	Soil	4oz. Gl. Jar.	4°C	None	1	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1/16/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1200	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 2659478404
SPECIAL INSTRUCTION:

COMMENTS: DQ02

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 1

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

	FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APP. IX VOA	ANALYSIS REQUIRED: Full APP. IX (Cyanide)	ANALYSIS REQUIRED: TPH (Fuel)					REMARKS
[illegible]	~~[illegible]~~	1-16-95	1603	Soil	4oz Jar	4°C	None	7	X	X	X					
[illegible]	~~[illegible]~~	1-16-95	—	H_2O	40mL VOA	4°C	HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1/16/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	[illegible]	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 2659478404
SPECIAL INSTRUCTION:

COMMENTS: DQO 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

036CUST1

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 4

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908.08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Horenkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOA	ANALYSIS REQUIRED: PCB's	ANALYSIS REQUIRED: Metals					REMARKS
NBCH\0195B01201	1-17-95	0845	Soil	4 oz glass	4°C	None	1	X	X						
NBCH\0195B01001		0855					1	X	X						
NBCH\0195B01101		0910					1	X	X						
NBCH\0195B00701		0920					1	X	X						
NBCH\0195B00801		0930					1	X	X						
NBCH\0195B00601		0945					1	X	X						
NBCH\0195B00901		0955					1	X	X						
NBCH\0195B00501		1009					1	X	X						
NBCH\0195B01301		1025					1	X	X						
NBCH\0195B							1								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Lavon Hom		PRINTED		PRINTED		PRINTED	
COMPANY: E.Safe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: F.E.D.E.X
SHIPMENT NO.: 1G 4127 915
SPECIAL INSTRUCTION:

COMMENTS: DW03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 4

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 7908-09420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA Pests	PCB's, Metals							REMARKS
NBCH 65DS801002	1-17-95	1455	Soil	4oz glass	11°C	None	2	X	X							
NBCH 65DSBC0501		1505					2	X	X							
NBCH 1495BC0701		1295						X	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	1-17-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Lewis Hay		PRINTED		PRINTED		PRINTED	
COMPANY Ensafe	TIME 1700	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 765 699 8415
SPECIAL INSTRUCTION:

COMMENTS: DRO3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 3 OF 4

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08470
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Lowerkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SW8A	PCBs Aroclor						REMARKS
NBCH\649SB01001	1-17-95	1200	Soil	4oz glass	4°C	None	2	X	X						
NBCH\649SB00601		1200					2	X	X						
NBCH\649SB00901		1225					2	X	X						
NBCH\649SB00601		1255					2	X	X						
NBCH\650SB00501		1316					2	X	X						
NBCH\650SB00101		1320					2	X	X						
RCM ~~NBCH\650SB00801~~		~~1357~~													
NBCH\650SB00601		1407					2	X	X						
NBCH\650SB00701		1430					2	X	X						
NBCH\650SB01001		1445					6	X	X						MS/MSD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	1-17	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 6542944K
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 4 OF 9

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA, Pest, PCBs	Metals, Hexchrome	Dioxins	Herbs + OP Pest	TPH (extract)	TPH (purge)	APP IX VOA	REMARKS
NBCH\649CB00801	1-17-95	1255	Soil	4oz. Gl. Jar	4°C	None	6	X	X	X	X	X	X		APP. IX
NBCH\649TB00801	1-17-95	—	H_2O	40 mL VOA	4°C	HCL	2							X	

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1-17-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Levin Ham		PRINTED		PRINTED		PRINTED	
COMPANY Ensafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 6599 79415
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2108-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) Todd B. Temple

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APP IX VOA	Full APP IX [illegible]	TPH (Pentable)	TPH (Pentable)				REMARKS
NACH 684CB03601	1/25/95	1310	Soil	4 oz. Gl. Jar.	4°C	None	7	X	X	X	X				
NBCH 684TB03601	1/25/95	—	H_2O	40 mL VOA	4°C	HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE Todd B. Temple	1/25/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY ENSAFE	1500	COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex.
SHIPMENT NO. 4346138263
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

Cooler 1 of 1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Hurckost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA, PCB							REMARKS
NBCH\68458032\01	1-25-95	1005	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\68458034\01	1-25-95	1045	Soil	4 oz. Gl. Jar	4°C	None	1	X							
NBCH\68458033\01	1-25-95	1115	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\68458038\01	1-25-95	1150	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\68458039\01	1-25-95	1200	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\68458039\02	1-25-95	1215	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\68458037\01	1-25-95	1225	Soil	4oz. Gl. Jar	4°C	None	3	X							MS/MSD
NBCH\68458036\01	1-25-95	1240	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\68458035\02	1-25-95	1255	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\68458036\01	1-25-95	1310	Soil	4oz. Gl. Jar	4°C	None	1	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	1/25/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY: ENSAFE	TIME 1500	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex.
SHIPMENT NO. 9346138268
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOA, PCB							REMARKS
NBCH\68458036Ø2	1/25/95	1340	Soil	4oz. Gl. Jar	4°C	None	1	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1/25/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1300	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex.
SHIPMENT NO. 4346138263
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

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CLIENT: Navy Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2948-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Hawthorst
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Amp. II VOA	Amp. II NPI	TPH (purgeable)	TPH (extractable)				REMARKS
[illegible]	1-20-95	1500	H_2O	[illegible]	4°C	→	17	X	X	X	X				VOA = HCL
[illegible]	1-20-95	—	H_2O	40 mL VOA	4°C	→	2	X							TPH (Purg) = HCL
[illegible]	1-20-95	1530	H_2O	40 mL VOA	4°C	→	2	X							Metals = HNO_3
															TPH: H_2SO_4
															Cyanide = NaOH

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE:	1-20-95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Todd A. Templer		PRINTED:		PRINTED:		PRINTED:	
COMPANY: ENSAFE	TIME: 1710	COMPANY:	TIME:	COMPANY:	TIME:	COMPANY:	TIME:
REASON: ship to lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed ex.
SHIPMENT NO.: 4346138230
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 3

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 3

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER XXX 29[illegible]
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER Todd Hawkins
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	Metals						REMARKS
NBCH67ØSBØ28Ø1	1-20-95	Ø111	Soil	4oz/glass	4°	None	1	X							
NBCH67ØSBØ28Ø2		Ø929					1	X							
NBCH67ØSBØ31Ø1		Ø959					1	X							
NBCH67ØSBØ3ØØ1		1011					1	X							
NBCH67ØSBØ3Ø2		1020					1	X							
NBCH67ØSBØ51Ø1		1045					1	X		✓					
NBCHØ19SBØ1ØØ1		1114					1		X						
~~NBCHØ14SBØ11Ø1~~		~~1123~~													
NBCHØ15SBØ15Ø1		1149					1	X							
NBCHØ15SBØ16Ø1		12ØØ					1	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	1-20-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Kevin Ham		PRINTED		PRINTED		PRINTED	
COMPANY EnSafe	TIME 1240	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 9346138230
SPECIAL INSTRUCTION: Ship to lab

COMMENTS: DQØ3

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 2 of 3

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Navy Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Fuel HP2B + ethanol	TPH (extract)	TPH (Purge)					REMARKS
HGCH\615BB0080 2	1-20-95	1530	H_2O	16 Amber 1L poly 500mL poly	4°C	→		X	X	X					VOA = HCL
															Metals = HNO_3
															Cyanide = NaOH
															TPH = H_2SO_4

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	1-20-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd E. Temple		PRINTED		PRINTED		PRINTED	
COMPANY Ensafe	TIME 1700	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4346 4852 30
SPECIAL INSTRUCTION:

COMMENTS: D204

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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cooler 1 of 3

NAVY CLEAN
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CHAIN OF CUSTODY RECORD

PAGE 2 OF 3

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2408.08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	Metals	APP IX VOA					REMARKS
NBCH\015SB007A	1-20-95	12:16	Soil	4oz/glass	4°C	None	1	X							
NBCH\015SB008A1	↓	12:19	↓	↓	↓	↓	1	X							
NBCH\015SB008A2	↓	12:30	↓	↓	↓	↓	1	X							
NBCH\014SB011A1	↓	11:23	↓	↓	↓	↓	3		X						MS/MSD
NBCH\015TB008A1	1-20-95	—	H_2O	40-L VOA	4°C	HCL	2			X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1-20-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Levin Ham		PRINTED		PRINTED		PRINTED	
COMPANY Ensafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON shipment	1240	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4396138230
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 3

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CHAIN OF CUSTODY RECORD

PAGE 3 OF 3

CLIENT Navy Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Hayes Fort
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: APPIX VOA	EHA APPIX [illegible]	TPH (Purge)	TPH (extract)				REMARKS
NBCH\[illegible]	1-20-95	1045	G1	4oz G1	4°C	None	7	X	X	X	X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1-20-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd P. Fort Pk		PRINTED		PRINTED		PRINTED	
COMPANY Ensafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 4346138230
SPECIAL INSTRUCTION: _____

COMMENTS: DG04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 7408-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Total Chloride	TDS	Sulfates	PH				REMARKS
NBCH\GDHGW0031A	1/31/95	1445	H_2O	250 mL Poly	4°C	None	1	X	X	X	X				
NBCH\GDHGW0301A	1/31/95	1635	H_2O	250 mL Poly	4°C	None	1	X	X	X	X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1/31/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shp to Lab	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 4346138296
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

Cooler 1 of 1

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CHAIN OF CUSTODY RECORD

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CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2905-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA, Pests	PCB's, Metals						REMARKS
NBCH 6495B00901	1-19-95	0835	Soil	4 oz/glass	4°C	None	2	X	X						
NBCH 6495B00801	↓	0845	↓	↓	↓	↓	2	X	X						
NBCH 6495B01001	↓	0855	↓	↓	↓	↓	2	X	X						
NBCH 6505B00501	↓	0915	↓	↓	↓	↓	2	X	X						
NBCH 6505B00601	↓	0916	↓	↓	↓	↓	2	X	X						
NBCH 6495B00701	↓	0930	↓	↓	↓	↓	2	X	X						
NBCH 6505B00601	↓	0950	↓	↓	↓	↓	2	X	X						
NBCH 6505B00901	↓	1000	↓	↓	↓	↓	2	X	X						
NBCH 6505B00701	↓	1025	↓	↓	↓	↓	2	X	X						
NBCH 6505B01001	↓	1045	↓	↓	↓	↓	2	X	X						

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	1-19-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Levin Han		PRINTED		PRINTED		PRINTED	
COMPANY: EnSafe	TIME: 1545	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 4346138226
SPECIAL INSTRUCTION: Ship to lab

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 9018-0040
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Harrelson
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: 8260	ANALYSIS REQUIRED: Pesticides	ANALYSIS REQUIRED: TCLP 3 of 4					REMARKS
NBCH\135SB00601	1-19-95	1330	Soil	4oz/glass	4°C	None	2	X	X						
NBCH\135SB00701	↓	1350	↓	↓	↓	↓	2	X	X						
NBCH\136SB00301		1410					2	X	X						
NBCH\136SB00302		1420					2	X	X						
NBCH\136SB00401		1455					2	X	X						
NBCH\65DSB01002	1-15-95	1055	Soil	4oz/glass	4°C	None	2	X	X						

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	1-19-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Levin Hao		PRINTED		PRINTED		PRINTED	
COMPANY: EnSafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Shipment	1115	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 9346138226
SPECIAL INSTRUCTION: Ship to lab

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 1

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CHAIN OF CUSTODY RECORD

PAGE 3 OF 3

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2904-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA Pests, PCBs	Metals, Hex Chrome	Dioxins, VOA	Cyanide, Herbs	OP Pests		APP IX VOA	REMARKS
NBCH\650SB01001	1-19-95	1045	Soil	4oz/glass	4°C	None	5	X	X	X	X	X			APP IX
LH ~~NBCH\650SB01001~~	↓														
NBCH\650TB01001			H_2O	40 ml	4°C	HCl								X	

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	1-19-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Levin Ham	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EnSafe	1545	COMPANY		COMPANY		COMPANY	
REASON Shipment		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4346138226
SPECIAL INSTRUCTION: ship to lab

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE _____ OF _____

CLIENT [illegible]
ADDRESS [illegible]
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER [illegible]
TELEPHONE NO. [illegible]
FAX. NO. [illegible]
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: TPH [illegible]	TDS	Sulfates	pH				REMARKS
NBCH\[illegible]	[illegible]	[illegible]	11.0	[illegible]	4°C	None	1	X	X	X	X				
NBCH\GD[illegible]		[illegible]	↓	↓	↓	↓	1	X	X	X	X				
[illegible]	↓		↓	↓	↓	↓	1	X	X	X	X				

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY [illegible]		COMPANY		COMPANY		COMPANY	
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]
SHIPMENT NO. 434613831
SPECIAL INSTRUCTION: _____

COMMENTS: [illegible]

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 3900-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/PCBs	TPH (purge)	TPH (extract)				REMARKS
MBCNYGDHEB[illegible]01	2-3-95	1530	H_2O	40ml VOA 1L Amber GL	4°C	→	9	X	X	X	X				Preservatives:
MBCNYGDHDB[illegible]01	2-3-95	1545	H_2O	40ml VOA 1L Amber GL	4°C	→	9	X	X	X	X				VOA - HCL
MBCHYGDHTB[illegible]01	2-3-95	—	H_2O	40ml VOA	4°C	→	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	2/3/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Todd B Temple		PRINTED		PRINTED		PRINTED	
COMPANY: ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Ship to Lab	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4346138370
SPECIAL INSTRUCTION:

COMMENTS: D203

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 2 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Total Chlorides	TDS	Sulfates	pH				REMARKS
NBCH\6DEGW110IA	2-3-95	1545	H_2O	250mL Poly	4°C	None	1	X	X	X	X				
NBCH\6DEGW111DIA	2-3-95	1545	H_2O	250mL Poly	4°C	None	1	X	X	X	X				
NBCH\6DEGW111DIA	2-3-95	1545	H_2O	500mL Poly	4°C	None	1	X	X	X	X				
NBCH\6DEGW112DIA	2-3-95	1600	H_2O	250mL Poly	4°C	None	1	X	X	X	X				
NBCH\6DEGW113DIA	2-3-95	1615	H_2O	250mL Poly	4°C	None	1	X	X	X	X				
~~NBCH\6DEGW113DIA~~	~~2-3-95~~		~~H_2O~~	~~40mL VOA~~											

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	2/3/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY Ensafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1730	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4396138370
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT: Naval Base Glos
ADDRESS: Zone H.
PROJECT NAME/NUMBER: 2708-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	PCB	VOA	SVOA					REMARKS
NBCH\GDHSB07401	2-3-95	1013	Soil	4oz glass jar	4°C	None	1	X							
NBCH\GDHSB07402	2-3-95	1038	Soil	4oz Glass jar	4°C	None	1	X							
NBCH\GDHSB07501	2-3-95	1006	Soil	4oz Glass jar	4°C	None	1	X							
NBCH\GDHSB07502	2-3-95	1015	Soil	4oz Glass jar	4°C	None	1	X							
NBCH\GDHSB0[illegible]01	2-3-95	1124	Soil	4oz. Glass jar	4°C	None	6		X	X					MS/MSD
NBCH\GDHSB0[illegible]02	2-3-95	1128	Soil	4oz Glass jar	4°C	None	2		X	X					
NBCH\GDHSB0[illegible]01	2-3-95	1137	Soil	4oz. Glass Jar	4°C	None	2		X	X					
NBCH\GDHSB0[illegible]01	2-3-95	1213	Soil	4oz. Glass Jar	4°C	None	2		X	X					
NBCH\GDHSB0[illegible]02	2-3-95	1222	Soil	4oz. Glass Jar	4°C	None	2		X	X					
NBCH\GDHSB0[illegible]02	2-3-95	1143	Soil	4oz. Glass Jar	4°C	None	2		X	X					

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	2-3-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd A. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1700	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 4346138370
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA						REMARKS
NBCH\GDWSB1[illegible]01	2-3-95	1233	Soil	4oz. GL	4°C	None	2	X	X						
NBCH\GDWSB1[illegible]02	2-3-95	1241	Soil	4oz. GL	4°C	None	2	X	X						
NBCH\GDWCB1[illegible]01	2-3-95	1213	Soil	4oz. GL	4°C	None	2	X	X						
NBCH\GDWTB1[illegible]01	2-3-95	—	H_2O	40mL VOA	4°C	HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: Todd Haverkost	2-3-95	SIGNATURE:	2-3-95	SIGNATURE:		SIGNATURE:	
PRINTED: Todd B. Temple		PRINTED:		PRINTED:		PRINTED:	
COMPANY: ENSAFE	TIME 1730	COMPANY:	TIME 1730	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4346138370
SPECIAL INSTRUCTION:

COMMENTS: D203

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Navy Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA PCB	TPH (purge)	TPH (extract)	PCB TOT				REMARKS
NBCH\GDHSB09901	2-2-95	0845	Soil	4oz Gl. Jar	4°C	None	3	X	X	X					
NBCH\GDHSB09702	2-2-95	0855	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\GDHSB09601	2-2-95	1206	Soil	4oz Gl. Jar	4°C	None	1	X							
NBCH\GDHSB09602	2-2-95	1214	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\GDHSB09801	2-2-95	1241	Soil	4oz Gl Jar	4°C	None	1	X							
NBCH\GDHSB09802	2-2-95	1252	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\GDHSB09701	2-2-95	1314	Soil	4oz Gl Jar	4°C	None	1	X							
NBCH\GDHSB09702	2-2-95	1345	Soil	4oz. Gl. Jar	4°C	None	1	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	2/2/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 4346138333
SPECIAL INSTRUCTION: _____

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 1

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App. IX Vol	Full App IX Metals	TPH (Purge)	TPH (extract)				REMARKS
~~[illegible]~~	TBT														
[illegible]CDHCB09701	2-2-98	1314	Soil	4 oz. Gl. Jar	4°C	None	7	X	X	X	X				
[illegible]		—					2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]		SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Todd B. Temple		PRINTED:		PRINTED:		PRINTED:	
COMPANY: ENSAFE	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4346138333
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Navy Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-084400
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Total Chlorides	TDS	Sulfates	pH				REMARKS
NBCH\GDHGW00G1A	2-2-95	1535	H_2O	250 mL Poly	4°C	None	2	X	X	X	X				MS
NBCH\GDHGW00H1A	2-2-95	1450	H_2O	250 mL Poly	4°C	None	1	X	X	X	X				
NBCH\GDHGW00J1A	2-2-95	1640	H_2O	250 mL Poly	4°C	None	1	X	X	X	X				
NBCH\GDHGW00K1A	2-2-95	1455	H_2O	250 mL Poly	4°C	None	1	X	X	X	X				Duplicate

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	2-2-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Lewis Hall		PRINTED		PRINTED		PRINTED	
COMPANY Fedex	TIME 1730	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Drop to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4346132333
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Hawerkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App IX	VOA	Full App IX + HCN + Total					REMARKS
NBCH\GDHE810701	2-7-95	1010	H_2O	1-liter, 1-amber, 1-HNO3, 250ml poly, 500ml poly	4°C	→	14	X	X						Preservatives:
NBCH\GDHB810701	2-7-95	1020	H_2O	1L Amber, 1L Poly, 250ml poly, 500ml poly	4°C	→	14	X	X						Metals - HNO_3
NBCH\GDHT810702	2-7-95	0945	H_2O	40mL VOA	4°C	→	2	X							Cyanide - NaOH
															VOA - HCL

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	2-7-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Todd Stanfield		PRINTED		PRINTED		PRINTED	
COMPANY: ENSafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Ship to lab	1200	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 4346138405
SPECIAL INSTRUCTION:

COMMENTS: D204

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hauerkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCB	Metals Lead					REMARKS
NBCH\GDH58W701	2-7-95	0855	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\GDH58W702	2-7-95	0900	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBCH\GDHTB W701	2-7-95	0945	H_2O	40ml VOA	4°C	HCL	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	2/7/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY Ensafe	TIME 1000	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex.
SHIPMENT NO. 4346138425
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT NAVAL BASE CHARLESTON
ADDRESS ZONE I
PROJECT NAME/NUMBER 2909-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER TODD HAVERKOST
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) J Cornelius

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, PEST, PCB	METALS, CYANIDE					REMARKS
NBCI\GRDSB00901	2/17	0945	S	4oz/8oz glass	4°	NONE	2	X	X	X					
NBCI\GRDSB01001	"	1100	S	"	"	"	2	X	X	X					
NBCI\GRDTB01301	"	—	W	40ml VOA vials	"	HCl	2	X							TRIP BLANK
NBCI\GRDSB01101	"	1320	S	4oz/8oz glass	"	NONE	2	X	X	X					
NBCI\GRDSB01201	"	1350	S	"	"	"	2	X	X	X					
NBCI\GRDSB01202	"	1400	S	"	"	"	2	X	X	X					
NBCI\GRDSB01301	"	1455	S	"	"	"	2	X	X	X					
NBCI\GRDSB01302	"	1500	S	"	"	"	2	X	X	X					

J Cornelius

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE J Cornelius	2/17	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED J Cornelius		PRINTED		PRINTED		PRINTED	
COMPANY EnSafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON SHIPTOLAB	1530	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 4346138591
SPECIAL INSTRUCTION:

COMMENTS: DQO 3 + TICs

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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cooler 1 of 1

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ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone I
PROJECT NAME/NUMBER 2909-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA, SVOA	Pest, PCBs	Metals, CN					REMARKS
NBCI\GRDSB01801	2-17-95	0915	Soil	4oz 1800/glass	4°C	None	2	X	X	X					
NBCI\GRDSB01802		0930						X	X	X					
NBCI\GRDSB01801		1045						X	X	X					
NBCI\GRDSB01801		1200						X	X	X					
NBCI\GRDSB01801		1215						X	X	X					
NBCI\GRDSB01801		1346						X	X	X					
NBCI\GRDSB01802		1400						X	X	X					

Homeless

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	2-17-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd R. Teagle		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1530	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4346138591
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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Cooler 1 of 1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Dioxin							REMARKS
NBCH\013SB02401	2/16/95	0945	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\013SB02402	2/16/95	0954	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\017SB02601	2/16/95	1130	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\017SB02602	2/16/95	1140	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\653SB00501	2/16/95	1230	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\653SB00502	2/16/95	1240	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\019SB01401	2/15/95	1529	Soil	4oz. Gl. Jar	4°C	None	1	X							
NBCH\121SB01201	2/15/95	1615	Soil	4oz. Gl. Jar	4°C	None	1	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	2/16/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Pomphe		PRINTED		PRINTED		PRINTED	
COMPANY Ensafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab.	1400	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4346138543
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Dioxin	ANALYSIS REQUIRED						REMARKS
NBCH 013C002401	2-16-95	0945	Soil	4 oz. Gl. Jar	4°C	None	3	X							Use for MS/MSD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	2/16/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Lewis Thornford	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/AS H	1330	COMPANY		COMPANY		COMPANY	
REASON Shield lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED-EX
SHIPMENT NO. 1314-4725-1
SPECIAL INSTRUCTION:

COMMENTS: DQO-4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-084200
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App. IX VOA	Full App IX Metals						REMARKS
NBCH\GOHSB[illegible]	2-6-95	1045	Soil	4oz. Gl. Jar	4°C	None	5	X	X						
NBCH\GOHTB1[illegible]	2-6-95	—	H_2O	40 ml. VOA	4°C	None	2	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	2/6/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple	TIME 1500	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY ENSAFE		COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex.
SHIPMENT NO. 4346138419
SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2708-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Hoverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest PCB	Metals Lead					REMARKS
NBLH\G-OHSB104\01	2-6-95	1045	Soil	4oz. Gl Jar	4°C	None	3	X	X	X					
NBLH\G-OHSB104\02	2-6-95	1110	Soil	4oz. Gl Jar	4°C	None	3	X	X	X					
NBLH\G-OHSB105\01	2-6-95	1222	Soil	4oz. Gl. Jar	4°C	None	3	X	X	X					
NBLH\G-OHSB106\01	2-6-95	1315	Soil	4oz. Gl. Jar	4°C	None	9	X	X	X					MS/MSD

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	2-6-95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1540	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex
SHIPMENT NO. 4346138414
SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2108-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 71 372-7962
FAX. NO.: 71 372 2454
SAMPLERS: (SIGNATURE) Levin Ham

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOCs, PCB's, Metals	ANALYSIS REQUIRED: Dioxin						REMARKS
NBCH/019SB016 01	3-22-95	0900	Soil	2-8 OZ GLASS	4°C	None	2	X	X						
NBCH/019SB017 01		0916						X	X						
NBCH/019SB015 01		0930						X	X						
NBCH/121SB017 01		1050						X	X						
NBCH/121SB016 01		1100						X	X						
NBCH/121SB015 01		1111		1- GLASS			1	X							
NBCH/121SB014 01		1125		2-8 OZ GLASS			2	X	X						
NBCH/121SB013 01		1135					2	X	X						

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: Levin Ham	3/22/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Levin Ham		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A+H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to lab	1600	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: ~~4534289241~~ LH
SHIPMENT NO.: Fed-EX
SPECIAL INSTRUCTION: 4344136623

COMMENTS: DG03

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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3/23/95

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 2

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2906-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (803) 884-0029
FAX. NO.
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: PCB's	ANALYSIS REQUIRED: Dioxin						REMARKS
NBCH\017SB033 01	3-23-95	0930	Soil	8oz Glass	4°C	None	2	X	X						
NBCH\017SB033 02		1020						X	X						
NBCH\017SB032 01		1040						X	X						
NBCH\017SB032 02		1100						X	X						
NBCH\017SB031 01		1303						X	X						
NBCH\017SB031 02		1310						X	X						
NBCH\017SB027 01		1415						X	X						
NBCH\017CB027 01		1420						X	X						DG04
NBCH\017SB024 02		1425						X	X						
NBCH\017SB028 01		1440						X	X						

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	3/23/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Levi Ham	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY F/A+H	1700	COMPANY		COMPANY		COMPANY	
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. ~~4539209252~~
SPECIAL INSTRUCTION: 4346138845

COMMENTS: DG03 unless specified in remarks

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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3-23-95

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2408-08420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: PCBs	ANALYSIS REQUIRED: DIOXIN						REMARKS
NBCA/[illegible]	3-23-95	1450	Soil	[illegible] glass	4°C	None	2	X	X						

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	3/23/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. ~~4539[illegible]~~

SPECIAL INSTRUCTION: 4346138845

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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3-24-15 Cooler 1 of 1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	Pest + Metals						REMARKS
NBCH\013GW00102	3/24/15	1120	H_2O	3-1L Amber 1-500mL Poly	4°C	→	4	X	X						Metals = HNO_3
NBCH\013GW00202	↓	1215	↓	" "	↓	→	4	X	X						
~~NBCH\013GW00302~~	~~↓~~	~~1421~~	~~↓~~	~~3-1Gal Amber 3-500mL Poly~~	~~↓~~	~~→~~	~~6~~	~~X~~	~~X~~			TBT			~~MS/MSD~~
NBCH\013HW00702	↓	1421	↓	1-1Gal. Amber 1-500mL Poly	↓	→	2	X	X						DQ04

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE:	3/24/15	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Todd B. Temple		PRINTED:		PRINTED:		PRINTED:	
COMPANY: ENSAFE	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1100	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex.
SHIPMENT NO. 4396138860
SPECIAL INSTRUCTION:

COMMENTS: All samples DQ03 + Ties unless otherwise specified in remarks as DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]

ADDRESS [illegible]

PROJECT NAME/NUMBER [illegible]

MEDIA STATUS: (A, B, OR C) [illegible]

PROJECT MANAGER [illegible]

TELEPHONE NO. [illegible]

FAX. NO. [illegible]

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED								REMARKS
												TBT				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		→	6	X	X							[illegible]

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	3/24/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]

SHIPMENT NO. 4346138860

SPECIAL INSTRUCTION:

COMMENTS: D203

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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3-24-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston

ADDRESS [illegible]

PROJECT NAME/NUMBER [illegible]

MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER [illegible]

TELEPHONE NO. [illegible]

FAX. NO. _____

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Dioxin	ANALYSIS REQUIRED: PCB						REMARKS
[illegible]	3-24-95	1115	Soil	[illegible] glass	4°C	None	2	X	X						
[illegible]		1145					2	X	X						
[illegible]		1210					2	X	X						
[illegible]		1225					2	X	X						
[illegible]		1300					1	X							
[illegible]		1130					1	X							DUP 4
[illegible]		1130					1	X							
[illegible]		1130					1	X							
[illegible]		1400					1	X							
[illegible]		1415					1	X							
[illegible]		1445					1	X							

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	3/24/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Louis Ham		PRINTED		PRINTED		PRINTED	
COMPANY E/A/H	TIME 1210	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. [illegible]

SPECIAL INSTRUCTION: _____

COMMENTS: DVD3 unless specified in remarks

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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3/24/95 Cooler Id

CHAIN OF CUSTODY RECORD

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PAGE 2 OF 2

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-06420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. 603 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Dioxin							REMARKS
NECH/OBSBD2601	3-24-95	1456	Soil	8oz glass	4°C	None	1	X							
NECH/OBSBD2602	3-24-95	1505	Soil	8oz glass	4°C	None	1	X							

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	[illegible]	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. [illegible]

SPECIAL INSTRUCTION:

COMMENTS: DQC 3

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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Cooler 1 of 3

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haver Kost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOA, Pest	ANALYSIS REQUIRED: Metals						REMARKS
NBCH\013FW00762	3/27/95	0845	H_2O	1-500 mL Poly 3-1L Amber	4°C	Metals HNO3	4	X	X						DQ04
NBCH\013FW00302	↓	1010	↓	↓	↓	↓	4	X	X						DQ04
[illegible]	↓	1043	↓	↓	↓	↓	4	X	X						

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	3/27/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Triple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1600	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. 4346138871

SPECIAL INSTRUCTION:

COMMENTS: DQ03 unless otherwise stated in remarks as DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 3708-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hauerkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA, Pest	Metals						REMARKS
NBCH\0136[illegible]402	3/27/95	1137	H_2O	1-500ml poly 3-1L Amber	4°C	HNO_3-metals	4	X	X						
NBCH\0136[illegible]07	3/27/95	1252	↓	↓	↓	↓	4	X	X						
NBCH\0136131322	3/27/95	1500	↓	↓	↓	↓	4	X	X						

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY		COMPANY		COMPANY		COMPANY	
REASON		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex

SHIPMENT NO. 4346138871

SPECIAL INSTRUCTION:

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2108 024-05

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hawkost

TELEPHONE NO. (803) 864-1037

FAX. NO.

SAMPLERS: (SIGNATURE) Levin Ham

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	TPH/PAH					REMARKS
NBCH 01 05 B 001 01	3-27-95	1100	Soil	4oz Jar glass	4°C	None	3	X	X	X					DQ04
NBCH 02 05 B 001 01		1100					3	X	X	X					DQ04
NBCH 03 05 B 002 01		1125					2	X	X						
NBCH 04 05 B 003 01		1139					2	X	X						
NBCH 05 05 B 004 01		1200					2	X	X						
NBCH 06 05 B 005 01		1242					2	X	X						
NBCH 07 05 B 006 01		1300					2	X	X						
NBCH 08 05 B 007 01		1400					2	X	X						
NBCH 09 05 B 008 01		1500					2	X	X						
NBCH 02 05 TB 001 01		1610	H_2O	40ml Glass		HCl	2	X							DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE Levin Ham	3/27/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Levin Ham		PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	TIME 1700	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. 9346158904

SPECIAL INSTRUCTION:

COMMENTS: DQ03 unless specified in Remarks.

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

3/27/95

CHAIN OF CUSTODY RECORD

EnSafe

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CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 908 08420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Dioxin							REMARKS
NBCH\013DB02G02	3-27-95	0800	11,0	1L Amber	4°C	None	2	X							
NBCH\UBF5A2G0	3-27-95	0805	11,0	1L Amber	4°C	None	2	X							

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	3/27/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Lenn Ham		PRINTED		PRINTED		PRINTED	
COMPANY EnSafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab	0900	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. 4346138914

SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVBASE CHARLESTON

ADDRESS ZONE H

PROJECT NAME/NUMBER 3909-08420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER TODD HAVERKOST

TELEPHONE NO.

FAX. NO.

SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOH	SVOA	DIOXIN					REMARKS
NBCH\020SB00001	3-28-95	0850	S	4 oz. + 8 oz. glass	4°	NONE	2	X	X						
NBCH\020SB01001		0910					2	X	X						
NBCH\020SB01101		0930					3	X	X	X					
NBCH\020SB01101		0930					3	X	X	X					DQ04
NBCH\020SB01102		0950					2	X	X						
NBCH\670SB03301		1135		8 oz glass			1		X						
NBCH\670SB03302		1150					1		X						
NBCH\670SB3201		1400					1		X						
NBCH\670SB3202		1420					1		X						
NBCH\670TB00001		1440	W	40ml vial		HCl	2	X							TRIP BLANK

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE	3/28	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED J. Cornelius		PRINTED		PRINTED		PRINTED	
COMPANY EnSafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	4pm	REASON		REASON		REASON	

METHOD OF SHIPMENT:

SHIPMENT NO.

SPECIAL INSTRUCTION:

COMMENTS: DQ03 unless otherwise

Temp blank included

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. 803-884 0029

FAX. NO.

SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOA, Pest	ANALYSIS REQUIRED: Metals						REMARKS
NBCH\0136W00502	3/27/95	1200	H_2O	1-800mb poly, 3-1L Amber	4°C	Metals: HNO_3	4	X	X						
NBCH\0136131321	3/27/95	1430	H_2O	|	|	|	4	X	X						

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	3/27/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Mike Bosha		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to LAB	1600	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. 4346138871

SPECIAL INSTRUCTION:

COMMENTS: DQO 3

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: CHARLESTON Naval Base
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: TODD HAVERKOST
TELEPHONE NO.: [illegible]
FAX. NO.:
SAMPLERS: (SIGNATURE) M Blin

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS		ANALYSIS REQUIRED: METALS	SVOC	Sulfates/TDS	Chlorides			REMARKS
NBCH\[illegible]DH[illegible]06D3	3/28/[illegible]	1506	GW	3 [illegible]	4°C	HNO_3	4		X	X	X	X			
NBCH\[illegible]DH[illegible]06D3	3/28/[illegible]	1406	GW	3 [illegible]	4°C	HNO_3	4		X	X	X	X			

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: M Blin	3/28	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: [illegible] BASHA		PRINTED:		PRINTED:		PRINTED:	
COMPANY: [illegible]	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: [illegible] LAB	1750	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO.: 4346138785
SPECIAL INSTRUCTION: [illegible]

COMMENTS: DQ03 + TIC

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

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Cooler 2 of 2

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 7108-08-440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Havercost
TELEPHONE NO.: (803) 884-0029
FAX. NO.:
SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Semi-VOA's	TPH Sulfur/Oil	METALS					REMARKS
NBCH-EDH-0032	3-28-95	1250	H_2O	1-500 ml poly 3-1L amber	4°C	HNO_3 pH<2	4	X	X	X					
NBCH-EDH-0033	"	1125	"	"	"	"	4	X	X	X					
NBCH-EDH-0034	"	1030	"	"	"	"	4	X	X	X					Dup

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE:	3/28	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED:		PRINTED:		PRINTED:		PRINTED:	
COMPANY: EN SAFE	TIME: 1730	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: SENT TO LAB		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 4381013895
SPECIAL INSTRUCTION:

COMMENTS: DOO: + TIC, glass spoiled in shipment.

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) Greg Force

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	VOA	METALS					REMARKS
NBCH\017GW00202	3-29-95	1130	H_2O	1-500ml poly 3-1l Amber, 3-40ml VOA	4°C	HNO_3 metals HCl VOA	6	X	X	X					
NBCH\017HW00202	3-29-95	1145	↓		↓	↓	6	X	X	X					DQ04
NBCH\017GW00402	3-29-95	1425	↓		↓	↓	6	X	X	X					
NBCH\017TW00202	3-29-95	—	↓	40ml VOA	↓	↓	2		X						DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE Greg Force	3-29	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Greg Force		PRINTED		PRINTED		PRINTED	
COMPANY EnSafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1600	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. 4346139000

SPECIAL INSTRUCTION:

COMMENTS: DQP3 unless otherwise specified DQ04 in remarks

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS ZONE H

PROJECT NAME/NUMBER 2108 08140

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. 554-0027

FAX. NO.

SAMPLERS: (SIGNATURE) MB

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	METALS	VOA					REMARKS
NBCH\017GW00102	3-29-95	1036	GW	3 40ml VOA, 2 1L Amber Poly, 2 Tedlar	4°C	HNO3	6	X	X	X					
NBCH\017GW00302	3/29	1422	GW	↓	4°C	HNO3	6	X	X	X					
NBCH\017TW00102	3/29	—		2 40ml VOA	4°C	HCL	2			X					

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	3/29/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Mike Basha		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab	1630	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4346139000

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

3/29/95

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ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT NAVBASE CHARLESTON
ADDRESS Zone H
PROJECT NAME/NUMBER 2909-08120
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER TODD HAVERKOST
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) J. Cornelius

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA							REMARKS
NBCH 670SB03401	3/29	0830	S	8oz. glass	4°	None	1	X							
NBCH 670SB03402	"	0845	"	"	"	"	1	X							
NBCH 684SB04301	"	0910	"	"	"	"	1	X							
NBCH 684SB04302	"	0930	"	"	"	"	1	X							
NBCH 684SB04001	"	1050	"	"	"	"	1	X							
NBCH 684SB04002	"	1105	"	"	"	"	1	X							
NBCH 689SB04101	"	1120	"	"	"	"	1	X							
NBCH 689SB04102	"	1130	"	"	"	"	1	X							
NBCH 684SB04201	"	1150	"	"	"	"	1	X							
NBCH 689SB04202	"	1205	"	"	"	"	1	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE J. Cornelius	3/29	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED J. Cornelius		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME 1600	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 4346139000
SPECIAL INSTRUCTION:

COMMENTS: DQ03

3 coolers in this shipment

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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3/29/95

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

see page 1

CLIENT _____ PROJECT MANAGER _____

ADDRESS _____ TELEPHONE NO. (901) 372-7962

PROJECT NAME/NUMBER _____ FAX. NO. (901) 372-2454

MEDIA STATUS: (A, B, OR C) _____ SAMPLERS: (SIGNATURE) _____

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	5VOA							REMARKS
NBCH\684SB04401	3/29	1230	S	8 oz. glass	4°	—	2	X							MS/MSD
NBCH\684CB04401	"	1230	"	"	4°	—	1	X							DQ04
NBCH\684SB04402	"	1240	"	"	4°	—	1	X							
			W	40ml vial	4°	HCl	2								

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	3/29	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED J. Cornelius		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab	1600	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4346134000
SPECIAL INSTRUCTION: _____

COMMENTS: DQ03 unless otherwise specified

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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3-30-95

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5724 SUMMER TREES DR. MEMPHIS, TN. 38134 #(901)372-7962

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval BASE Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hawkost

TELEPHONE NO. 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	METALS	SVOA	VOA	HERB				REMARKS
NBCH\663GW00202	3-30-95	1425	GW	3 VOAs 1 500ml 3 1 Liter	4°c	HNO3/HCl	7	X	X	X	X				
NBCH\663GW00102	↓	1538	GW	3 VOAs 1 500ml 3 1 Liter	4°c	HNO3/HCl	7	X	X	X	X				
NBCH\663TW00202	↓	—	H2O	2 40ml VOAs	4°c	HCL	2			X					

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE	3/30	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Kevin Davis		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Shipto LAB	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED Ex

SHIPMENT NO. 4346139061

SPECIAL INSTRUCTION:

COMMENTS: DQO3 + TICs except where noted

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHAINCUST

1

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVAL BASE Charleston

ADDRESS ZONE H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hunt-Rost

TELEPHONE NO. 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) MBlu

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	METALS	VOA					REMARKS
NBCH\178GW00202	3/30/95	1047	GW	2 liter Amber / 500ml Poly	4°C	HNO3	3	X	X						DQ03
NBCH\178HW00202	3/30/95	1047	GW	4 liter Amber / 2 500ml Poly	4°C	HNO3	6	X	X						MS/MSD, DQ04
NBCH\136GW00102	↓	1345	GW	2 liter Amber / 3 40ml VOA	4°C	HNO3/HCl	6	X	X	X					DQ03
NBCH\136HW00102	↓	1345	GW	2 liter Amber / 3 40ml VOA	4°C	HNO3/HCl	6	X	X	X					DQ04
NBCH\136TW0X102	↓	—	H_2O	2 40ml VOA	4°C	HCl	2			X					DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE M Blu	3/30/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Mike Basha		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to LAB	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4346139011

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS except whole Aroclor

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Pest	Metals	[illegible]	[illegible]	[illegible]			REMARKS
NBCH\660GW00102	3-30-95	1005	H_2O	2-1 liter, 1-500 ml	4°C	HNO_3 metals	3	X	X						
NBCH\660GW00202	3-30-95	1108			4°C		3	X	X						
NBCH\660HW00202	3-30-95	1108			4°		3	X	X						DQ04
~~NBCH\663GW00202~~	~~3-30-95~~	~~1423~~		~~[illegible]~~	~~4°C~~	~~[illegible]~~	~~7~~		~~X~~	~~X~~	~~X~~	~~X~~			
~~NBCH\[illegible]~~	~~3-30-95~~			~~2~~	~~4°~~	~~X~~	~~2~~				~~X~~				~~DQ04~~
~~NBCH\663GW00102~~	~~3-30-95~~	~~1538~~		~~[illegible]~~	~~4°C~~	~~[illegible]~~	~~X~~		~~X~~	~~X~~	~~X~~	~~X~~			

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	3/30	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Kevin Davis		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to LAB	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4346139011

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS except where Noted

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT NAVBASE
ADDRESS ZONE H
PROJECT NAME/NUMBER 2908-08240
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER T. Haverkost
TELEPHONE NO.
FAX. NO.
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	~~NO.~~	SVOA	PESTICIDE	DIOXIN				REMARKS
NBCH\663SB00901	3/30	900	S	8oz-glass	4°C	None	2		X						MS/MSD (site A)
NBCH\663SB00902	↓	910	↓	↓	↓	↓	~~1~~		X						~~MS/MSD (site A)~~
NBCH\663CB00901	↓	900	↓	↓	↓	↓	1		X						DUP4
NBCH\653SB00701	↓	1515	↓	↓	↓	↓	4		X	X	X				MS/MSD (site B)
NBCH\653CB00701	↓	1515	↓	↓	↓	↓	2		X	X	X				DUP4
NBCH\653SB00702	↓	1525	↓	↓	↓	↓	2		X	X	X				

[signature] 3/30/95

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	3/30/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [signature]		PRINTED		PRINTED		PRINTED	
COMPANY TA&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	6 pm	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4346139011
SPECIAL INSTRUCTION:

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 3408-08420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803)884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) Jim Han

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOA Pests, PCBs	ANALYSIS REQUIRED: Dioxin						REMARKS
NBCH 65358 0080	3-31-95	0915	Soil	8 oz glass	4°C	None	2	X	X						
NBCH 65358 0802	↓	0920	↓	↓	↓	↓	↓	X	X						
NBCH 65358 0601	↓	0930	↓	↓	↓	↓	↓	X	X						
NBCH 65358 0602	↓	0940	↓	↓	↓	↓	↓	X	X						

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
SIGNATURE Jim Han	3/31/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Levin Han		PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	1640	COMPANY		COMPANY		COMPANY	
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed-Ex

SHIPMENT NO. 4346139033

SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-DYNO
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Hawkins
TELEPHONE NO.: 854-0029
FAX. NO.:
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	METALS	SVOA	TOC/Sulfates	Chlorides				REMARKS
NBCHA DH[illegible]07D02	3/31/95	1413	[illegible]	[illegible]	4°C	HNO3/[illegible]	4	X	X	X	X				DQ03
NBCHA DH[illegible]07D03	3/31/95	1458	H2O	↓	4°C	HNO3/[illegible]	4	X	X	X	X				DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	3/31/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible] BASHA		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to LAB	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO. 4346137033
SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2708 - 08140

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) M Bl.

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	TDS	Sulfates	Chlorides	METALS			REMARKS
NBCH\GDHG-004D02	3-31-95	1124	H_2O	5 ft for 1500ml	4°C	HNO_3	4	X	X	X	X	X			
NBCH\GDHH-004D02	↓	1124	↓	↓	↓	↓	4	X	X	X	X	X			DQ04
NBCH\GDHG-000402	↓	1030	↓	↓	↓	↓	4	X	X	X	X	X			

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE M Bl.	3/31/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M BASHA		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4346134033

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVAL BASE CHARLESTON

ADDRESS ZONE H

PROJECT NAME/NUMBER [illegible]

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hauerkost

TELEPHONE NO. 834-0029

FAX. NO.

SAMPLERS: (SIGNATURE) M B[illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	Metals	SVOA	TPH	Sulfides	Cyanide		REMARKS
NBCH\GOHW[illegible]0703	3-31-95	1101	H_2O	[illegible]	4°C	HCL/HNO3	7	X	X	X	X	X	X		DQ04
NBCH\GOHC[illegible]0703	↓	1101	↓	↓	↓	HCL/HNO3	7	X	X	X	X	X	X		
NBCH\GOHT[illegible]0703		—		2 [illegible] Vials		HCL	2	X							DQ04
NBCH\GOH[illegible]0703		1412		3 [illegible] Vials			3	X							
NBCH\GOH[illegible]7003							3	X							DQ04
NBCH\GOH[illegible]0403		1124					3	X							DQ04
NBCH\GOH[illegible]0403		1124					3	X							
NBCH\[illegible]0403		1230					3	X							
NBCH\[illegible]0403		1435					3	X							
NBCH\662[illegible]0703	↓	1430	↓	↓	↓	↓	3	X							

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	3/31/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M B[illegible]		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to LAB	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4316130033

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

3-31-95

CHAIN OF CUSTODY RECORD

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CLIENT NAVAL BASE Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-[illegible]

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER TODD HOFFHOST

TELEPHONE NO. 881-0079

FAX. NO.

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	METALS	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~			REMARKS
NBCH\[illegible]	3-31-95	1435	H_2O	[illegible]	4°C	HNO_3	4	X	X	X	X	X			
NBCH\[illegible]	3-31-95	1430	H_2O	[illegible]	4°C	HNO_3	4	X	X	X	X	X			
											MB				

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	3/31/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M BASHA		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible] to LAB	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4546154033

SPECIAL INSTRUCTION:

COMMENTS: D203 + TICS

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

4-3-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-0840

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hawkins Kost

TELEPHONE NO. 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Metals	SVOA	Pest					REMARKS
~~[illegible]~~															
N6CH1655GW00102	4-3-95	1135	H_2O	3 liter 1500ml	4°C	HNO_3	4	X	X	X					
N6CH1655GW00302	↓	1355	↓	↓	↓	↓	4	X	X	X					
N6CH1655EW00102	↓	1430	↓	↓	↓	↓	4	X	X	X					DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE	4/3/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Kevin Davis		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1630	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4346137044

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

4/3/95

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT: NAVAL BASE Charleston
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908 - 08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Hoverkost
TELEPHONE NO.: 854-0029
FAX. NO.:
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	METALS	VOA	PEST				REMARKS
NBCH\655CW00202	4-3-95	1440	H_2O	3 liter 1 500ml	4°C	HNO_3	4	X	X		X				
NBCH\655HW00202	4-3-95	1440	H_2O	3 liter 1 500ml	4°C	HNO_3	4	X	X		X				DQ04
NBCH\656GW00102	4-3-95	1101	H_2O	3 40ml 1 500ml	4°C	HNO_3/HCL	4		X	X					
NBCH\656HW00102	4-3-95	1101	H_2O	3 40ml 1 500ml	4°C	HNO_3/HCL	4		X	X					DQ04
NBCH\656GW00202	4-3-95	1217	H_2O	3 40ml 1 500ml	4°C	HNO_3/HCL	4		X	X					
NBCH\656GW00302	4-3-95	1445	H_2O	3 40ml 1 500ml	4°C	HNO_3/HCL	4		X	X					
NBCH\656TW00302	4-3-95	—	H_2O	2 40ml	4°C	HCL	2			X					DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	4/3/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M BASHA		PRINTED		PRINTED		PRINTED	
COMPANY USPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to LAB	1630	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT: NAVY BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Havercost
TELEPHONE NO.: 884-0028
FAX. NO.:
SAMPLERS: (SIGNATURE) Kevin Davis

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	METALS	VOA					REMARKS
NBCH\666GW00102	4/4-95	1020	H_2O	[illegible] VOAs	4°C	HNO_3, HCL	6	X	X	X					
NBCH\666GW00202	4/4/95	1014					6	X	X	X					
NBCH\666HW00202	4/4/95	1014					6	X	X	X					Dup 4
NBCH\667GW00102	4/4/95	1322		500ml poly VOAs			4		X	X					
NBCH\667HW00102	4/4/95	1322					4		X	X					Dup 4
NBCH\667GW00202	4/4/95	1320					4		X	X					
NBCH\667TW00102	4/4/95	—		VOA		HCL				X					Dup 4

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
SIGNATURE: Kevin Davis	4-4	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: KEVIN DAVIS		PRINTED:		PRINTED:		PRINTED:	
COMPANY: EN SAFE		COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed EX
SHIPMENT NO.: 424[illegible]
SPECIAL INSTRUCTION:

COMMENTS: Dup 3 + TICS Except where noted Dup 4

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

'ANCUST

4/4/95

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5724 SUMMER TREES DR. MEMPHIS, TN. 38134 (901)372-7962

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS ZONE H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkust

TELEPHONE NO. 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) M Bl

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	TDS/sulfides	Chlorides	Metals				REMARKS
NGCH\GDHGW08D02	4/4/95	1229	H_2O	3 Liter 1 Sodium	4°C	HNO_3	4	X	X	X	X				DQ03
NGCH\GDHHW08D02	4/4/95	1229	H_2O	3 Liter 1 Sodium	4°C	HNO_3	4	X	X	X	X				DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE M Bl	4/4/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M BASHA	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY WPA	1600	COMPANY		COMPANY		COMPANY	
REASON ship to LAB		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4346129081

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

4/4/95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908 03140

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hagerkost

TELEPHONE NO. 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) M Bl

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	TDS / sulfides	Chlorides	Metals				REMARKS
NBCH\GDH1GW00802	4/4/95	1118	H_2O	9 liter 3 500ml	4°C	HNO_3	12	X	X	X	X				MS / MSD DQO4

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE M Bl	4/4/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M BASHA		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to LAB	1600	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. [illegible]

SPECIAL INSTRUCTION:

COMMENTS: DQOs + TICs

[illegible] DQO4

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]

ADDRESS Zone H

PROJECT NAME/NUMBER [illegible]

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]

TELEPHONE NO. [illegible]

FAX. NO.

SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Metals	SVOA	Pest					REMARKS
[illegible]	4-5-95	1515	H2O	3L [illegible]	4°C	HNO3	4	X	X	X					
[illegible]	↓	1520	↓	↓	↓	↓	4	X	X	X					
[illegible]	↓	1515	↓	↓	↓	↓	4	X	X	X					DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	4/5/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible] DAVIS		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]PA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1400	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. [illegible]

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs except [illegible] DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]

ADDRESS [illegible]

PROJECT NAME/NUMBER [illegible]

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]

TELEPHONE NO. [illegible]

FAX. NO.

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: Post	Herb	Metals					REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	X	X	X					DQ04
[illegible]	↓	1125	↓	↓	↓	↓	4	X	X	X					
[illegible]	↓	1227	↓	↓	↓	↓	4	X	X	X					
[illegible]															
[illegible]															

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1800	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. [illegible]

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS [illegible] DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE Charleston

ADDRESS: ZONE H

PROJECT NAME/NUMBER: 2103-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Hawkins

TELEPHONE NO.: 824-0024

FAX. NO.:

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	PEST	HERB	METAL				REMARKS
NBCH\014GW00102	4-5-95	1251	H_2O	3 1L [illegible] 3 40ml	4°C	HNO3/HCL	7	X	X	X	X				
NBCH\014GW01D02	4-5-95	1157	H_2O	3 1L [illegible] 3 40ml	4°C	HNO3/HCL	7	X	X	X	X				
[illegible]	[illegible]	1327	H_2O	3 40ml V	4°C	HCL	3	X							
[illegible]	[illegible]	1125	H_2O	3 40ml V	4°C	HCL	3	X							
[illegible]	[illegible]	—	H_2O	1 [illegible] V	4°C	HCL	1	X							DQ04
[illegible]	[illegible]	[illegible]	H_2O	3 40ml V	4°C	HCL	3	X							DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: M Basha	4/5/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M BASHA	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: WPA	1800	COMPANY:		COMPANY:		COMPANY:	
REASON: ship to LAB		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO.: 4546134042

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS except where noted

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4-6-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVAL BASE CHARLESTON

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) M B.

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	PEST	HERB	METALS	VOA				REMARKS
NBCH\014GW00302	4-6-95	1034	H_2O	3 [illegible] 3 40ml 1 500ml	4°C	HCl/HNO_3	7	X	X	X	X				
NBCH\014TW00302	1	–	1	1 40ml	1	HCL	1				X				DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE M BA	4/6/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M BASHA		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to LAB	[illegible]	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4346139114

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + Trees [illegible] [illegible] DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4-7-95

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT NAVAL BASE Charleston

ADDRESS ZONE H

PROJECT NAME/NUMBER 1908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hoverkost

TELEPHONE NO. 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	PEST	HERB	METALS	VOA				REMARKS
NBCH\014 [illegible]002	4-7-95	1151	H_2O	3 1L for 3 40 ml 1 500 ml	4°C	HCL/HNO3	7	X	X	X	X				
NBCH\014 [illegible]3D02	↓	1152	↓	↓	↓	↓	7	X	X	X	X				
NBCH\014 HW03D02	↓	1152	↓	↓	↓	↓	7	X	X	X	X				DQ04
NBCH\014 TW03D02	↓	—	↓	2 40 ml	↓	HCL	2				X				DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	4/7/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M BASHA	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY WPA	[illegible]	COMPANY		COMPANY		COMPANY	
REASON Ship to LAB		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED Ex

SHIPMENT NO. [illegible]

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4-14-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVAL BASE CHARLESTON

ADDRESS [illegible]

PROJECT NAME/NUMBER [illegible]

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]

TELEPHONE NO. [illegible]

FAX. NO.

SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	PCBT	HERB	METALS					REMARKS
[illegible]	[illegible]	1028	[illegible]	[illegible]	[illegible]	[illegible]	4	X	X	X					
[illegible]	[illegible]	1133	[illegible]	[illegible]	[illegible]	[illegible]	4	X	X	X					
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	3			X	X	X	X		

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]

SHIPMENT NO. U5392 89355

SPECIAL INSTRUCTION:

COMMENTS: [illegible]

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

4/10/95

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CHAIN OF CUSTODY RECORD

PAGE _____ OF _____

CLIENT [illegible]

ADDRESS [illegible]

PROJECT NAME/NUMBER [illegible]

MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER [illegible]

TELEPHONE NO. _____

FAX. NO. _____

SAMPLERS: (SIGNATURE) _____

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	PEST	HERB	METALS				REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	X	X	X	X				
[illegible]	↓	1145	↓	↓	↓	↓	7	X	X	X	X				DUP1
[illegible]	↓	1212	↓	↓	↓	↓	7	X	X	X	X				DUP4
[illegible]	↓	[illegible]	↓	[illegible]	↓	[illegible]	3	X							
[illegible]	↓	[illegible]	↓	↓	↓	↓	3	X							
[illegible]	↓	—	↓	[illegible]	↓	↓	2	X							DUP4

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE _____	4/[illegible]	SIGNATURE _____		SIGNATURE _____		SIGNATURE _____	
PRINTED [illegible]	TIME	PRINTED _____	TIME	PRINTED _____	TIME	PRINTED _____	TIME
COMPANY [illegible]		COMPANY _____		COMPANY _____		COMPANY _____	
REASON [illegible]		REASON _____		REASON _____		REASON _____	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4529289355

SPECIAL INSTRUCTION: _____

COMMENTS: DOUG + TIC'S except [illegible] DUP4

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

4-11-95

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT Navy Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-[illegible]440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Tom Havercost

TELEPHONE NO. 884-[illegible]

FAX. NO.

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED							REMARKS
[illegible]	4-11-95		H-O	2 [illegible]	4	[illegible]	3		[illegible]	[illegible]					
[illegible]	4-11-95		|	|	|	|	3		[illegible]						
[illegible]	4-11-95		|	3 [illegible]	|	|	4	[illegible]	X	[illegible]					

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]		SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M BASHA		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT:

SHIPMENT NO.

SPECIAL INSTRUCTION:

COMMENTS: [illegible]

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

4-10-95

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CHAIN OF CUSTODY RECORD

PAGE ____ OF ____

CLIENT NAVAL BASE Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2108-05440
MEDIA STATUS: (A, B, OR C) ____

PROJECT MANAGER Todd Havercost
TELEPHONE NO. 881 0021
FAX. NO. ____
SAMPLERS: (SIGNATURE) ____

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	EPA 601	PEST	HERB	PAS/CN/SULFIDE/CHLORIDES		REMARKS
NBCH\GDHGW00902	4/12/95	1310	H_2O	4	4°C	HCL/~~HNO3~~	9	X	X	X	X	X	X	MS ~~D034~~
NBCH\GDHGW00902	4/12/95	1310	H_2O	↓	4°C	HCL/~~HNO3~~	9	X	X	X	X	X	X	MSD ~~D034~~
NBCH\GDHGW00902	4/12/95	1310	H_2O	↓	4°C	HCL/~~HNO3~~	9	X	X	X	X	X	X	MS/MSD ~~D034~~
NBCH\GDHTW00902	4/12/95	—	H_2O	2 40 ml	4°C	HCL	2	X						D004

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	4/12/95	SIGNATURE ____		SIGNATURE ____		SIGNATURE ____	
PRINTED M BASHA	TIME	PRINTED ____	TIME	PRINTED ____	TIME	PRINTED ____	TIME
COMPANY WPA	1800	COMPANY ____		COMPANY ____		COMPANY ____	
REASON Ship to Lab		REASON ____		REASON ____		REASON ____	

METHOD OF SHIPMENT: ~~FEDEX~~
SHIPMENT NO. 7340154165
SPECIAL INSTRUCTION: ____

COMMENTS: ~~D004~~ D003 + Ties
Except where Noted
D004
* METALS Not Preserved

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4-12-95

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT: NAVAL BASE Charleston
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-03440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: [illegible]
TELEPHONE NO.: [illegible]0024
FAX. NO.:
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOC	TDS/sulfates	Chlorides	Metals				REMARKS
NBCH\GDHGW00902	4-12-95	1310	H_2O	3 liter 1 500ml	4°C	HNO_3	4	X	X	X	X				
NBCH\GDHGW09D02	↓	1312	↓	↓	↓	↓	4	X	X	X	X				
NBCH\GDHGW05D02	↓	1245	↓	2 liter 1 500ml	↓	↓	3		X	X	X				

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
SIGNATURE: M Basha	4/12/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M. BASHA		PRINTED:		PRINTED:		PRINTED:	
COMPANY: WPA	1800	COMPANY:		COMPANY:		COMPANY:	
REASON: ship to LAB		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO.: 4346139162
SPECIAL INSTRUCTION:

COMMENTS: DQ03 + T.C.S

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4-12-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVAL Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2408-03440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. 884-0024

FAX. NO.

SAMPLERS: (SIGNATURE) K. D.

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Metals	SVOC	TDS/sulfates	Chloride	PEST			REMARKS
NBCH\GDHGW02D02	4-12-95	1020	H_2O	3 liter 1 500ml	4°C	HNO_3		X		X	X	X			
NBCH\GDHGW01102	4-12-95	1330	H_2O	3 liter 1 500ml	4°C	—		X	X	X	X				Metals Not preserved

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE M Basha	4/12/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M BASHA	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY WPA	1800	COMPANY		COMPANY		COMPANY	
REASON Ship to LAB		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4346131162

SPECIAL INSTRUCTION:

COMMENTS: DQOs + TICs

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4-13-95 CHSA 387

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT NAVAL BASE CHARLESTON
ADDRESS ZONE H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (803) 884-0029
FAX. NO.
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	METALS	TDS SULFATES	CHLORIDES	VOA	SVOA	PEST		REMARKS
NBCH\12 1GW00102	4/13/95	1248	H_2O	40ml, 500ml 1liter	4°C	HNO_3 HCL		X			X	X	X		
NBCH\GW1GW00102	4/13/95	1020	H_2O	1liter, 1500ml	4°C	HNO_3		X	X	X					
NBCH\12 1TW00102	4/13/95		H_2O	40ml	4°C	HCL					X				DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	4/17/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED BARRY LESSER		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO. 4346139151
SPECIAL INSTRUCTION:

COMMENTS: DQ03 and TICs Except where Noted Otherwise

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CUST

4/14/95

CHAIN OF CUSTODY RECORD

EN SAFE®

5724 SUMMER TREES DR. MEMPHIS, TN. 38134 ☎(901)372-7962

PAGE 1 OF

CLIENT [illegible]

ADDRESS [illegible]

PROJECT NAME/NUMBER [illegible]

MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER [illegible]

TELEPHONE NO. [illegible]

FAX. NO. _____

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOC/SVOC	[illegible]	[illegible]	PEST/[illegible]	[illegible]	[illegible]	[illegible]	REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	X	X	X	X	X	X	X	
[illegible]	↓	[illegible]	↓	[illegible]	↓	[illegible]	11	X	X	X	X	X	X	X	
[illegible]	↓	[illegible]	↓	[illegible]	↓	[illegible]	11	X	X	X	X	X	X	X	
[illegible]	↓	—	↓		↓	[illegible]	2	VOC							DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE _____		SIGNATURE _____		SIGNATURE _____	
PRINTED [illegible]		PRINTED _____		PRINTED _____		PRINTED _____	
COMPANY [illegible]	TIME	COMPANY _____	TIME	COMPANY _____	TIME	COMPANY _____	TIME
REASON [illegible]	[illegible]	REASON _____		REASON _____		REASON _____	

METHOD OF SHIPMENT: [illegible]

SHIPMENT NO. [illegible]

SPECIAL INSTRUCTION: _____

COMMENTS: DQ04 + [illegible] [illegible] [illegible] DQ04 [illegible]

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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9/19/95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible]

PROJECT MANAGER [illegible]

ADDRESS [illegible]

TELEPHONE NO. [illegible]

PROJECT NAME/NUMBER [illegible]

FAX. NO.

MEDIA STATUS: (A, B, OR C)

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	REMARKS
[illegible]	9-14-95	1115	[illegible]		4°C	[illegible]	2	X	X	X						
[illegible]	9-14-95	1115	[illegible]	[illegible]	4°C	[illegible]	4	X	X	X	X					

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	9/19/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY [illegible]	1630	COMPANY		COMPANY		COMPANY	
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. [illegible]

SPECIAL INSTRUCTION:

COMMENTS: [illegible] TIES

* CLOSE OUT SDG *

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CUST

4-15-95

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT Charleston Navy Base
ADDRESS Zone H
PROJECT NAME/NUMBER [illegible]
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]
TELEPHONE NO. 803-747-7937
FAX. NO. 803 747-7306
SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOC	PEST	VOAC	METALS	SULFIDE	SULFATE	[illegible]	REMARKS
[illegible]															
NBCH1 [illegible]	4-18-95	[illegible]	H_2O	[illegible]	4	[illegible]	11	X	X	X	X	X	X	X	
NBCH1009GW004[illegible]	4-18-95	1321	H_2O				11	X	X	X	X	X	X	X	
NBCH1001TW004[illegible]	–	–	[illegible]			[illegible]	2			X					DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	4/[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Kevin Davis		PRINTED		PRINTED		PRINTED	
COMPANY EN SAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Sh P TO LAB	[illegible]	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed EX
SHIPMENT NO. ~~[illegible]~~ 4717775651
SPECIAL INSTRUCTION:

COMMENTS: DQ[illegible] + TICS [illegible] DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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4-17-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-089140

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hauerkost

TELEPHONE NO. 581-0039

FAX. NO.

SAMPLERS: (SIGNATURE) M Basha

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	Metals/PEST	Phosphate/Sulfate	Chloride/Carbonate/Sulfate	Nitrate/Nitrite	REMARKS
NBCH\009600002002	4-17-95	1221	H_2O	1 L Amber glass 500 mL poly	4°C	HNO_3/H_2SO_4 NaOH Zn Acetate	8	X	X	X	X	X	X	X	
NBCH\001EW00202	↓	1322	↓	↓	↓	↓	8	X	X	X	X	X	X	X	DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE M Basha	4/17/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M BASHA	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY WPA	1700	COMPANY		COMPANY		COMPANY	
REASON ship to LAB		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4797775662

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS except where note! DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2108-05440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. 884-0039

FAX. NO.

SAMPLERS: (SIGNATURE) G. T.

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	Metals/Pest	Phosphate/Sulfide	Sulfide	Chloride/Carbonate	Bicarbonate/Sulfide	Nitrite/Nitrate	REMARKS
NBCH\009GW00102	4-17-95	1107	H_2O	1 liter/500ml	4°C	HNO_3/H_2SO_4 NaOH Zinc Acetate	8	X	X	X	X	X	X	X	
NBCH\009HW00102	↓	1107	↓	↓	↓	↓	8	X	X	X	X	X	X	X	DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE N Bl	4/17/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M BASHA		PRINTED		PRINTED		PRINTED	
COMPANY UPA	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to LAG	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4777775662

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER [illegible]

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]

TELEPHONE NO. [illegible]

FAX. NO.

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	Metals/Pest	Phosphate/Sulfate	Sulfate	Chloride/Carbonate	Bicarbonate/Sulfate	Nitrate/Nitrite	REMARKS
NBCH\009GW01302	4-17-95	1310	H_2O	[illegible]	4°C	[illegible]	8	X	X	X	X	X	X	X	
NBCH\009GW01402	↓	1405	↓	↓	↓	↓	8	X	X	X	X	X	X	X	

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	4/17/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible] LAB	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4797775662

SPECIAL INSTRUCTION:

COMMENTS: DOD 5 + Tics

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-03440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 884-0029
FAX. NO.:
SAMPLERS: (SIGNATURE) M Bl

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	METALS/PEST	Phosphate/sulfide	Sulfide/SVOA	VOA	Chloride/Carbonate	Bi Carbonate/Sulfate	Nitrate/Nitrite	REMARKS
NBCH\009GW00202	4-17-95	1107	H_2O	1 Liter / 500ml Poly / 40ml VOA	4°C	HCl/NaOH H_2SO_4/HNO_3 Zinc Acetate	11	X	X	X	X	X	X	X	
NBCH\009FW00202		1131					11	X	X	X	X	X	X	X	DQ04
NBCH\009TW00202		—		2 40ml		HCl	2				X				DQ04
NBCH\009GW02D02		1221		3 40ml		HCl	3				X				
NBCH\009FW00202		1322					3				X				DQ04
NBCH\009GW00102		1107					3				X				
NBCH\009HW00102		1107					3				X				DQ04
NBCH\009GW01302		1310					3				X				
NBCH\009GW01402		1405					3				X				

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: M Bl	4/17/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M Bush		PRINTED:		PRINTED:		PRINTED:	
COMPANY: WPA	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: ship to LAB	1700	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO.: 4797775662
SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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4-17-95

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT Naval Base Charleston
PROJECT MANAGER Todd Harerkost
ADDRESS Zone H
TELEPHONE NO. (803) 884-0029
PROJECT NAME/NUMBER 2908.08440
FAX. NO.
MEDIA STATUS: (A, B, OR C)
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOA 1615	ANALYSIS REQUIRED: PCB's						REMARKS
NBCH009GW01601	4-27-95	1505	H_2O	1 L Amber	4°C	None	4	X	X						MS/MSD

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	4/27/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Levin Ham		PRINTED		PRINTED		PRINTED	
COMPANY E/AH	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab	1630	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4797777806
SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [x] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2708-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	App IX VOA	Full App IX + Hex Chrom						REMARKS
NBCH\017HW005\01	4-18-95	1218	H_2O	1L Amber, 1L poly, 500mL poly, 40mL VOA	4°C	→	14	X	X						Preserved as
NBCH\017TW005\01	4-18-95	—	H_2O	40mL VOA	4°C	→	2	X							VOA = HCL
															Metals = HNO_3
															Cyanide = NaOH

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE	4/18/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1740	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex

SHIPMENT NO. 4797775673

SPECIAL INSTRUCTION:

COMMENTS: DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90-DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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4-18-95 cooler 2 of 2

CHAIN OF CUSTODY RECORD

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CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Hawkins

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCB	Metals	Cyanide				REMARKS
NBCH\017GW005\01	4-18-95	1218	H_2O	1L Amber, 1L poly 500 mL Poly, 40 mL VOA	4°C	→	8	X	X	X	X				Preservatives:
NBCH\017IW006\01	4-18-95	—	H_2O	40 mL VOA	4°C	→	2	X							VOA: HCL
NBCH\017GW006\01	4-18-95	1530	H_2O	1L Amber, 1L poly 500 mL Poly, 40 mL VOA	4°C	→	8	X	X	X	X				Metals: HNO_3
															Cyanide = NaOH

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE	4/18/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1700	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. 4771775673

SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

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CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haver Kost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA, Pest, PCB	Metals	Cyanide					REMARKS
NBC4\009GW01601	4-19-95	1150	H_2O	80oz. Gl., 1L Poly 500mL Poly,	4°C	→	9	X	X	X					Preservatives:
															Metals - HNO_3
															Cyanide - NaOH
															MS\MSD

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	4/19/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Toyle		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab	1430	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex

SHIPMENT NO. 4797777913

SPECIAL INSTRUCTION:

COMMENTS: DQO 3 MS\MSD

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4-19-95 Cooler 1 of 3

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CHAIN OF CUSTODY RECORD

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CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (803) 884-0029
FAX. NO.
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	APP. IV VOA	Full App. IV + Hex Chrome					REMARKS
NB&H\009HW01601	4-19-95	1150	H_2O	80oz. Gl., 1L poly, 500mL poly, 40mL VOA	4°C	HCL-HNO3 Sample preservation HNO3-HCL	12		X	X					DQ04
NB&H\009GW01601	4-19-95	1150	H_2O	40 mL VOA	4°C	HCL	9	X							MS\MSD
NB&H\009TW01601	4-19-95	—	H_2O	40mL VOA	4°C	HCL	2		X						DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE	4/19/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1430	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed ex.
SHIPMENT NO. 4777779913
SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs unless otherwise specified in remarks as DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
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- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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4-19-95 Cooler 3 of 3

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCB	Metals	Cyanide				REMARKS
NBCH\009GW01701	4-19-95	1540	H_2O	80 oz Gl, 500 ml poly, 1L poly, 40 ml VOA	4°C	→	6	X	X	X	X				Preservation:
NBCH\009TW01701	4-19-95	—	H_2O	40 ml VOA	4°C	→	2	X							VOA - HCL
															Metals - HNO_3
															Cyanide - NaOH

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	4/19/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1630	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex.

SHIPMENT NO. 4797777913

SPECIAL INSTRUCTION:

COMMENTS: DQ03

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4-19-95

CHAIN OF CUSTODY RECORD

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5724 SUMMER TREES DR. MEMPHIS, TN. 38134 ☎(901)372-7962

PAGE 1 OF 1

CLIENT: NAVAL BASE CHARLESTON
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2708-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd HAVERHOST
TELEPHONE NO.: 334-0029
FAX. NO.:
SAMPLERS: (SIGNATURE) M Basha

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/Metals	Pest/Chloride	Carbonate/Phosphate	Bicarbonate/Sulfate	Sulfate/Sulfide	Nitrate/Nitrite	REMARKS
NBCH\009GW04D02	4-19-95	1001	H_2O	3 [illegible] 5 [illegible]	4°C	HCL/HNO3 NaOH/NaSO4 Zn Acet	11	X	X	X	X	X	X	X	
NBCH\009GW00S02	4-19-95	1204	H_2O	↓	4°C	↓	11	X	X	X	X	X	X	X	
NBCH\009GW05D02	4-19-95	1331	H_2O	↓	4°C	↓	11	X	X	X	X	X	X	X	
NBCH\009TW00S02	—	—	H_2O	2 40 ml	4°C	HCL	2	X							DQ04
NBCH\009GW03D02	4-19-95		H_2O	3 40 ml	4°C	HCL	3	X							
NBCH\009GW01S02	4-19-95		H_2O	3 40 ml	4°C	HCL	3	X							

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
SIGNATURE: M Basha	4/19/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M BASHA		PRINTED:		PRINTED:		PRINTED:	
COMPANY: NPA		COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to LAB		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO.: 4712775441
SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS except [illegible] DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

4-19-95

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT Navy Base Charleston

ADDRESS [illegible]

PROJECT NAME/NUMBER [illegible]

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Havercost

TELEPHONE NO. 884-[illegible]

FAX. NO.

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA/METALS	PEST/CHLORIDE	CARBONATE/PHOSPHATE	BICARBONATE/SULFATE	SULFATE/SULFIDE	NITRATE/NITRITE		REMARKS
NBCH\ [illegible]GW03D02	4-1[illegible]-95	1115	H2O	3 1-liter amber [illegible]	4	HNO3, [illegible]	8	X	X	X	X	X	X		
NBCH\ [illegible]GW01S02	|	1405	|	|	|	|	8	X	X	X	X	X	X		

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	4-1[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Kevin Davis	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EN SAFE	1700	COMPANY		COMPANY		COMPANY	
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4717775142

SPECIAL INSTRUCTION:

COMMENTS: DQ 03 + TICS

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT: NAVAL BASE Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: [illegible]
TELEPHONE NO.: 801-0024
FAX. NO.:
SAMPLERS: (SIGNATURE) M [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/PEST	Metals/Phosphate	Nitrite/Nitrate	Sulfate/Sulfite	Sulfide/Chloride	Carbonate/Bicarbonate	REMARKS
NBCH\003GW00G02	4-20-95	1051	H_2O	3 40ml 3 1L tar 5 500ml	4°C	HCL/HNO3 NaSO4/NaOH 2 ml Acetate	11	X	X	X	X	X	X	X	
NBCH\003GW00G02	4-20-95	1051	H_2O	9 40ml	4°C	HCL	9	X							MS/MSD
NBCH\004GW06D02	4-20-95	1243	H_2O	3 40ml 3 1L tar 5 500ml	4°C	HCL/HNO3 NaSO4/NaOH 2 ml Acetate	11	X	X	X	X	X	X	X	
NBCH\004TW06D02	4-20-95	—	H_2O	2 40ml	4°C	HCL	2	X							DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: [illegible]	4/20/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M BASHA	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: WPA	1600	COMPANY:		COMPANY:		COMPANY:	
REASON: [illegible] LAB		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed ex.
SHIPMENT NO.: 4797775892
SPECIAL INSTRUCTION:

COMMENTS:
DQ03 + TICs except where noted
DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

NCUST

4-26-95

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER [illegible]-03440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]

TELEPHONE NO. [illegible]

FAX. NO.

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/PEST	Metals/Phosphate	Nitrite/Nitrate	[illegible]	[illegible]	[illegible]	REMARKS
NBCH\[illegible]00602	4-20-95	1051	H_2O	2 [illegible]	4°	[illegible]	14	X	X	X	X	X	X	X	MS/MSD

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	[illegible]	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]	1600	REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]

SHIPMENT NO. [illegible]

SPECIAL INSTRUCTION:

COMMENTS: DOOs + Tics

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTANNERS	VOA	SVOA, Pest, PCB	Metals	Cyanide				REMARKS
NBCH\0096W01801	4-20-95	1320	H_2O	80oz Amber, 1L Poly 500mL Poly, 40mL VOA	4°C	→	6	X	X	X	X				Preserved
NBCH\0096W01901	4-20-95	1415	H_2O	80oz Amber, 1L Poly 500mL Poly 40mL VOA	4°C	→	6	X	X	X	X				VOA - HCL
NBCH\0097W01901	4-20-95	—	H_2O	40mL VOA	4°C	→	2	X							Metals - HNO_3
															Cyanide - NaOH

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE	4/20/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B. Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME 1500	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. 4797775592

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TIC's

Trip blanks were originated from lab other than PACE. I.E. Compuchem

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. 803 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) G Force

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTANNERS	SVOA	Metals	Phosphate	Sulfide	Sulfide	Chloride	Nitrite	Nitrate	Carbonate	Bi Carbonate	REMARKS
NBCH\0096W00702	4-24-95	1300	H_2O	1 Liter glass/500 poly	4°C	HNO_3/NaOH $NaSO_4$ Zinc Acetate	8	X	X	X	X	X	X	X	X			
NBCH\0094W00702	4-24-95	1300	H_2O	1 Liter glass/500 poly	4°C	↓	8	X	X	X	X	X	X	X	X			DQ04
NBCH\6096W07D02	4-24-95	1330	H_2O	1 Liter glass/500 poly	4°C	↓	8	X	X	X	X	X	X	X	X			

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE M Bla	4/24/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED M Bashe		PRINTED		PRINTED		PRINTED	
COMPANY WPA	TIME 1700	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to CNB		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4797777880

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

4-24-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 803 884-0029
FAX. NO.:
SAMPLERS: (SIGNATURE) M Bla

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA	Metals	Phosphate	Sulfide	Sulfate	Chloride	Nitrite	Nitrate	Carbonate	Bicarbonate	REMARKS
NBCH\009GW01202	4-24-95	1349	H_2O	1 liter glass 40ml 500ml Poly glass	4°C	HCL/HNO3 H2SO4/NaOH Zinc Acetate	11	X	X	X	X	X	X	X	X				
NBCH\009GW12D02	↓	1142	↓	↓	↓	↓	11	X	X	X	X	X	X	X	X				
NBCH\009TW07D02	↓	—	↓	40 ML	↓	HCL	1	X											DQ04
NBCH\009GW07D02	↓	1330	↓	↓	↓	HCL	3	X											
NBCH\009HW00702	↓	1300	↓	↓	↓	HCL	3	X											DQ04
NBCH\009GW00702	↓	1300	↓	↓	↓	HCL	3	X											

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: M Bla	4/24/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M BASHA	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: WPA	1700	COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to LAB		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO. 4797777880
SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4-25-95

CHAIN OF CUSTODY RECORD

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5724 SUMMER TREES DR. MEMPHIS, TN. 38134 ☎(901)372-7962

PAGE 1 OF 1

CLIENT: NAVAL BASE Charleston

ADDRESS: Zone H

PROJECT NAME/NUMBER: 2903-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost

TELEPHONE NO.: 803 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) M Basha

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	Pest/Phosphate	Sulfate/Sulfide	Sulfide/Chloride	Nitrate/Nitrite	Carbonate	Hydrocarbon	REMARKS
NBCH\004FW08D02	4-25	0951	H_2O	[illegible]	4°C	[illegible]	8	X	X	X	X	X	X	X	DQ04
NBCH\004FW08D02	4-25-95	1021	H_2O	[illegible]	4°C	↓	8	X	X	X	X	X	X	X	DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: M Basha	4/25/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: M BASHA	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY: WPA		COMPANY		COMPANY		COMPANY	
REASON: Ship to CAD		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED Ex

SHIPMENT NO.: 4717777854

SPECIAL INSTRUCTION:

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston

ADDRESS: Zone H

PROJECT NAME/NUMBER: 2908 - 08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost

TELEPHONE NO.: 884-0024

FAX. NO.:

SAMPLERS: (SIGNATURE) M Basha

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA / Pest	Metals / Phosphate	Sulfate / Sulfide	Chloride / Nitrate	Nitrite / Carbonate	Bicarbonate	REMARKS
NBCH\0096W0100R	4-25-95	1445	H2O	1 Liter Glass / 500mL Poly	4°C	HNO3/NaOH H2SO4 Zinc Acet.	8	X	X	X	X	X	X	
NBCH\009HW01002	4-25-95	1445	H2O	↓	4°C	↓	8	X	X	X	X	X	X	DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: M Bsh	4/25/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M BASHA	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: WPA	1800	COMPANY:		COMPANY:		COMPANY:	
REASON: ship to LAB		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4797777854

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4-25-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE Charleston

ADDRESS: Zone H

PROJECT NAME/NUMBER: 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Hauerkost

TELEPHONE NO.: 884-0029

FAX. NO.:

SAMPLERS: (SIGNATURE) M Basha

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	SVOA	PEST	Metals	Phosphate	Sulfide	Sulfate	Chloride	Nitrate	Nitrite	Carbonate	Bicarbonate	REMARKS
NBCH1009GW00802	4-25-95	1100	H_2O	1 Liter glass/500ml poly	4°C	HNO3/NaOH H_2SO_4 zinc acetate	8	X	X	X	X	X	X	X	X	X	X	X	
NBCH1009GW08D02	4-25-95	1553	H_2O	↓	4°C	↓	8	X	X	X	X	X	X	X	X	X	X	X	

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: M Basha	4/25/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M BASHA		PRINTED:		PRINTED:		PRINTED:	
COMPANY: WPA	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1800	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO.: 4797777854

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICs

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4/25/95

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5724 SUMMER TREES DR. MEMPHIS, TN. 38134 #(901)372-7962

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston

ADDRESS: Zone H

PROJECT NAME/NUMBER: 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Huverkost

TELEPHONE NO.: 884-0029

FAX. NO.:

SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA/metals	Pest/Phosphate	Sulfate/Sulfite	Sulfide/Chloride	Nitrate/Nitrite	Carbonate/Bicarbonate	REMARKS
NBCH1009HW01002	4-25-95	1445	H_2O	80oz glass / 500mL Poly 40mL Vial	4°C	HCL/HNO_3 H_2SO_4/NaOH zinc Acet	23	X	X	X	X	X	X	X	DQ04/ MS/MSD
NBCH1009GW00802	4-25-95	1100	H_2O	40mL Vial	4°C	HCL	3	X							
NBCH1009GW08D02		1553					3	X							
NBCH1009EW08D02		1021					3	X							DQ04
NBCH1009FW08D02		0951					3	X							DQ04
NBCH1009GW01002		1445					3	X							
NBCH1009HW01002		1445					3	X							DQ04
NBCH1009TW00802	↓	—	↓	↓	↓	↓	2	X							DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: M Basha	4/25/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M BASHA		PRINTED:		PRINTED:		PRINTED:	
COMPANY: WPA	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: ship to LAB	1800	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4797777854

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

4-26-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: NAVAL BASE Charleston
ADDRESS: ZONE H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: 884-0029
FAX. NO.:
SAMPLERS: (SIGNATURE) M Bsh

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Nitrite	Nitrate	Sulfate	SVOA	METALS			REMARKS
NBCH1009GW00902	4-26-95	1146	H_2O	500ml Poly	4°c	—	1	X	X	X					
NBCH\009GW01102		1028				—	1	X	X	X					
NBCH\FMWGW00402		1057				—	1	X	X	X					
NBCH\178GW00102		0931		1 Liters / 500ml Poly		HNO_3	3				X	X			
NBCH\178HW00102		0931					3				X	X			DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: M Bsh	4/26/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: M BASHA		PRINTED:		PRINTED:		PRINTED:	
COMPANY: WPA	TIME 1600	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to LAB		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FED EX
SHIPMENT NO. 4797777243
SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS except where noted DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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4-26-95

CHAIN OF CUSTODY RECORD

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5724 SUMMER TREES DR. MEMPHIS, TN. 38134 ☎(901)372-7962

PAGE 1 OF 1

CLIENT: Naval Base Charleston

ADDRESS: Zone H

PROJECT NAME/NUMBER: 2908-08440

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Hoerkost

TELEPHONE NO.: 889-0021

FAX. NO.:

SAMPLERS: (SIGNATURE) [illegible]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		REMARKS
NBCH\001[illegible]W[illegible]02	4-26-95	1146	H_2O	[illegible]	4°C	—	1	X	X	X					
NBCH\[illegible]02	↓	1028	↓	↓	↓	—	1	X	X	X					
NBCH\[illegible]02	↓	1037	↓	↓	↓	—	1	X	X	X					
NBCH\[illegible]	↓	0951	↓	[illegible]	↓	HNO_3	3				X	X			
[illegible]	↓	0951	↓	↓	↓	[illegible]	3				X	X			DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	4/15	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]		PRINTED		PRINTED		PRINTED	
COMPANY [illegible]	TIME 1600	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: FED EX

SHIPMENT NO. 4717777393

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS except [illegible] DQ04

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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5-3-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone 11
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Sulfur Dioxide/Dioxide	Chlorinated Hydrocarbons	Chlorinated Hydrocarbons	PCB's	Nitrate/Nitrite	TPH		REMARKS
NBCH0195B09A01	5-3-95	0945	Soil	500 mL Poly	4°C	None	2	X	X	X	X	X	X		
NBCH0195B02A01	↓	1030	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH0195B02A02	↓	1115	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH1505B09A01	↓	1050	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH1215B09A01	↓	1900	↓	↓	↓	↓	↓	X	X	X	X	X	X		

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: [signature]	5/3/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED: Louis Ham		PRINTED		PRINTED		PRINTED	
COMPANY: E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: Ship to lab	1400	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4997777925
SPECIAL INSTRUCTION:

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

036CUST1

5/5/95

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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-C8420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) Sam Weatherford

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	CEC/TOC/PH	NO3/NO2/NH3	TPO4/Cl-	SULFER	MOISTURE			REMARKS
NBCH/013SB18A01	5-5-95	1330	Soil	Coomb Poly	4°C	None	2	X	X	X	X	X			
NBCH/013SB18A02	↓	1335	↓	↓	↓	↓	2	X	X	X	X	X			
NBCH/013SB19A01	↓	1350	↓	↓	↓	↓	2	X	X	X	X	X			
NBCH/013SB19A02	↓	1400	↓	↓	↓	↓	2	X	X	X	X	X			

SHN

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	5/5/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED S. Weatherford		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1445	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO. 4797777810
SPECIAL INSTRUCTION:

COMMENTS: Samples for above specified engineering parameters.

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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5-5-95

NAVY CLEAN
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(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT NAVAL BASE CHARLESTON
ADDRESS ZONE H
PROJECT NAME/NUMBER 2908-08A20
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER TODD HAVERKOST
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: HYDROMETER SIEVE	ANALYSIS REQUIRED: SPEC. GRAV. (DOCK)						REMARKS
NBCH/013SB18A01	5-5-95	1330	SOIL	~~[illegible]~~ 1 lb Poly	NA	NONE	1	X	X						
NBCH/013SB18A02	5-5-95	1335	↓	↓	↓	↓	1	X	X						
NBCH/013SB19A01	5-5-95	1350	↓	↓	↓	↓	1	X	X						
NBCH/013SB19A02	5-5-95	1400	↓	↓	↓	↓	1	X	X						

SHN 5-5-95

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	4/5	SIGNATURE [signature]		SIGNATURE		SIGNATURE	
PRINTED S. WEATHERFORD		PRINTED S.D.D.		PRINTED		PRINTED	
COMPANY E/AE H	TIME	COMPANY [illegible]	TIME	COMPANY	TIME	COMPANY	TIME
REASON LAB DELIVERY	1515	REASON [illegible]		REASON		REASON	

METHOD OF SHIPMENT: HAND DELIVERY
SHIPMENT NO.
SPECIAL INSTRUCTION:

COMMENTS: SAMPLES FOR ENGINEERING PARAMETERS.

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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5-8-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908.08420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) John Austin

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Sulfur, Density	Porosity, Liquid and Gas Permeability	Grain Size by Sieve	CEC, TOC, pH, NO3	NO2, NH3, TPH	Cl-, Moisture		REMARKS
NBCH/017SB05A01	5/8/95	0935	Soil	500mL Poly	4°C	None	2	X	X	X	X	X	X		
NBCH/017SB05A02	↓	0944	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/017SB06A01	↓	1014	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/017SB06A02	↓	1028	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/014SB05A01	↓	1244	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/014SB05A02	↓	1253	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/670SB08A01	↓	1323	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/670SB08A02	↓	1330	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/684SB21A01	↓	1433	↓	↓	↓	↓	↓	X	X	X	X	X	X		
NBCH/684SB21A02	↓	1447	↓	↓	↓	↓	↓	X	X	X	X	X	X		

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE John Austin	5/8/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Austin	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A & H		COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx

SHIPMENT NO. 4931437475

SPECIAL INSTRUCTION:

COMMENTS: Samples for Engineering Parameters.

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [X] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Todd Haverkost
TELEPHONE NO. (803) 884-0029
FAX. NO.
SAMPLERS: (SIGNATURE) John Austin

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Sulfur Dioxide	Percent Moisture (Gravimetric)	Grain Size Analysis (Sieve)	CEC, TEC, all Nb3	NO3, NH3, TPO4	Cl, Moisture	REMARKS
NBCH/C17SB05A01	5/8/95	0935	Soil	500mL Poly	4°C	None	2	X	X	X	X	X	X	43954
NBCH/C17SB05A02		0944						X	X	X	X	X	X	
NBCH/C17SB06A01		1014						X	X	X	X	X	X	
NBCH/C17SB06A02		1028						X	X	X	X	X	X	
NBCH/C14SB05A01		1244						X	X	X	X	X	X	
NBCH/C14SB05A02		1253						X	X	X	X	X	X	
NBCH/G70SB05A01		1323						X	X	X	X	X	X	
NBCH/G70SB05A02		1330						X	X	X	X	X	X	
153B04A01 ~~NBCH/GE4SB21A01~~		1433						X	X	X	X	X	X	
153B04A02 ~~NBCH/GE4SB21A02~~	▼	1447	▼	▼	▼	▼	▼	X	X	X	X	X	X	

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE John Austin	5/8/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Austin	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H		COMPANY		COMPANY		COMPANY	
REASON Ship To Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 4931437475
SPECIAL INSTRUCTION:

COMMENTS: Samples for Engineering Rikuwaters

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

%S to Geochemical Testing, PA

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Post-it™ brand fax transmittal memo 7671 | # of pages ▸

To Charlie Vernoy	From Sue Clay
Co. En Safe	Co. Geochemical Testing
Dept. Q.C.	Phone # 814-443-1671
Fax # 803 856-0107	Fax # 814-445-1729

MAY 19 '95 02:37PM P.1

5-9-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) Matt Bost

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	CEC, TOC	pH, NO_3, NO_2	Alk, TPO4, Cl-	Moisture				REMARKS
NBCH/015SB03A01	5-9-95	0906	Soil	250ml poly	4°C	None	1	X	X	X	X				
NBCH/015SB03A02		0917					1	X	X	X	X				
NBCH/684SB21A01		0937					1	X	X	X	X				
NBCH/684SB21A02		0941					1	X	X	X	X				
NBCH/654SB05A01		1053					1	X	X	X	X				
MAB ~~NBCH/654SB05A02~~		—					1	X	X	X	X				
NBCH/655SB04A01		1305					1	X	X	X	X				
NBCH/655SB04A02		1317					1	X	X	X	X				
NBCH/655SB05A01		1340					1	X	X	X	X				
NBCH/655SB05A02		1345					1	X	X	X	X				

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE Matt Bost	5/9/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Matt Bost	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EnSafe	1630	COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx

SHIPMENT NO. 4931437444 64

SPECIAL INSTRUCTION:

COMMENTS: Samples for Engineering Parameters

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08920

MEDIA STATUS: (A, B, OR C) _____

PROJECT MANAGER Todd Huerkost

TELEPHONE NO. (803) 884-0029

FAX. NO. _____

SAMPLERS: (SIGNATURE) Matt Bost

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	CEC, TOC	pH, NO2, NO3	NH3, TKN, Cl-	Moisture				REMARKS
NBCH/666SB02A01	5-9-95	1407	Soil	250ml poly	4°C	None	1	X	X	X	X				
NBCH/666SB02A02	↓	1416	↓	↓	↓	↓	1	X	X	X	X				
NBCH/666SB07A01	↓	1428	↓	↓	↓	↓	1	X	X	X	X				
NBCH/666SB07A02	↓	1436	↓	↓	↓	↓	1	X	X	X	X				

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE Matt Bost	5/9/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Matt Bost	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY EnSafe	1630	COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEx

SHIPMENT NO. 4931437 4464

SPECIAL INSTRUCTION: _____

COMMENTS: Samples for Engineering Parameters

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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5-9-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Density	Hydrometer						REMARKS
NBCH 0153B03A01	5-9-95	0906	Soil	250 mL Poly	4°C	None	2	X	X						
NBCH 0153B03A02		0917						X	X						
NBCH 6845B21A01		0937						X	X						
NBCH 6845B21A02		0941						X	X						
NBCH 6545B05A01		1053						X	X						
NBCH 6555B04A01		1305						X	X						
NBCH 6555B04A02		1317						X	X						
NBCH 6553B05A01		1340						X	X						
NBCH 6553B05A02		1345						X	X						
NBCH 6665B02A01		1407						X	X						

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE	5/9/95	SIGNATURE Dennis Ericson	5-11-95	SIGNATURE		SIGNATURE	
PRINTED Levin Han		PRINTED		PRINTED		PRINTED	
COMPANY E/A+H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Analysis	1630	REASON		REASON		REASON	

METHOD OF SHIPMENT:

SHIPMENT NO.

SPECIAL INSTRUCTION:

COMMENTS: Samples for Eng. Parameters

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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5-9-95

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803)

FAX. NO.

SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Density	Hydrometer						REMARKS
NBCH 66658 02A02	5-9-95	1416	Soil	250 ml Poly	4°C	None	2	X	X						
NBCH 66658 04A01	↓	1428	↓	" "	↓	↓	2	X	X						
NBCH 66658 07A02	↓	1436	↓	500 ml Poly	↓	↓	1	X	X						

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE	5/9/95	SIGNATURE	5-11-95	SIGNATURE		SIGNATURE	
PRINTED Levin Han		PRINTED		PRINTED		PRINTED	
COMPANY E/AHI	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Analysis	1650	REASON		REASON		REASON	

METHOD OF SHIPMENT:

SHIPMENT NO.

SPECIAL INSTRUCTION:

COMMENTS: Samples for Eng. Parameters

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2909-08420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) John Austin

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Density	Hydrometer						REMARKS
NBCH/656SB01A01	5/10/95	0910	Soil	1000 mL Poly	4°C	None	1	X	X						
NBCH/656SB01A02		0920					1	X	X						
NBCH/663SB05A01		0950					1	X	X						
NBCH/663SB05A02		1010					1	X	X						
NBCH/663SB04A01		1020					1	X	X						
NBCH/663SB04A02		1030					1	X	X						
NBCH/665SB03A01		1234					1	X	X						
NBCH/665SB03A02		1239					1	X	X						

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE John Austin	5/10/95	SIGNATURE Dennis Ensor	5-11-95	SIGNATURE		SIGNATURE	
PRINTED John Austin	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H		COMPANY		COMPANY		COMPANY	
REASON Ship to Lab		REASON		REASON		REASON	

METHOD OF SHIPMENT:

SHIPMENT NO.

SPECIAL INSTRUCTION:

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:

- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

5/10/95-10-95

EN SAFE®

5724 SUMMER TREES DR. MEMPHIS, TN. 38134 #(901)372-7962

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 290B-04420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Todd Haverkost

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	CEC, TOC, pH	NO2, NO3, NH3	TPH, Cl-	Moisture				REMARKS
NBCH/CSCSB01A01	5/10/95	0910	Soil	250 mL Poly	4°C	None	1	X	X	X	X				
NBCH/CSCSB01A02	↓	0920	↓	↓	↓	↓	1	X	X	X	X				
NBCH/663SB05A01	↓	0950	↓	↓	↓	↓	1	X	X	X	X				
NBCH/663SB05A02	↓	1010	↓	↓	↓	↓	1	X	X	X	X				
NBCH/663SB04A01	↓	1020	↓	↓	↓	↓	1	X	X	X	X				
NBCH/663SB04A02	↓	1030	↓	↓	↓	↓	1	X	X	X	X				
NBCH/665SB03A01	↓	1234	↓	↓	↓	↓	1	X	X	X	X				
NBCH/665SB03A02	↓	1239	↓	↓	↓	↓	1	X	X	X	X				

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [signature]	5/10/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED John Austin		PRINTED		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex

SHIPMENT NO. 4931437416

SPECIAL INSTRUCTION:

COMMENTS: Samples for Engineering Parameters

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

5-10-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-03440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (803) 884-0029
FAX. NO.:
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	BOD, Alk, TSS	TDS, NO_3, NO_2	COD, Ammonia	Phosphorus, TOC	Hardness			REMARKS
NBCH0096GW0090A	5/10/95	1540	H_2O	500, 125 ml Poly	4°	See Remarks	3	X	X	X	X	X			
															Preservatives:
															H_2SO_4 - COD, TOC,
															Ammonia Phosphorus
															HNO_3 - Hardness

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: John Austin	5/10/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Austin		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to Lab	1700	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 4931437416
SPECIAL INSTRUCTION:

COMMENTS: Samples for Engineering Parameters

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

5/16/95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT [illegible] Charleston

ADDRESS [illegible]

PROJECT NAME/NUMBER [illegible]

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER [illegible]

TELEPHONE NO. [illegible]

FAX. NO.

SAMPLERS: (SIGNATURE)

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	[illegible]	[illegible]	[illegible]	[illegible]				REMARKS
[illegible]	5-16-95	1300	[illegible]	[illegible]	[illegible]	[illegible]	3	X	X	X	X				[illegible]
															[illegible]
															[illegible]
															[illegible]

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE [illegible]	5/16/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED [illegible]	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY [illegible]	1630	COMPANY		COMPANY		COMPANY	
REASON [illegible]		REASON		REASON		REASON	

METHOD OF SHIPMENT: [illegible]

SHIPMENT NO. [illegible]

SPECIAL INSTRUCTION: [illegible]

COMMENTS: [illegible]

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHAINCUST

5-11-95
5-2-95

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, 1 OR C) 4

PROJECT MANAGER: Todd Haverhost
TELEPHONE NO.: (803) 884-0029
FAX. NO.:
SAMPLERS: (SIGNATURE) John Austin

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	BOD, Alk, TSS	TOC, NO3, NO2,	COD, Ammonia	Phosphorus, TOX	Hardness			REMARKS
NBCH/0096W0100A	5/11/95	0900	H_2O	500, 125 ml Poly	4°C	Se & Remarks	3	X	X	X	X	X			
NBCH/0216W0010A	↓	0955	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/0096W0070A	↓	1105	↓	↓	↓	↓	↓	X	X	X	X	X			
NBCH/0096W0120A	↓	1500	↓	↓	↓	↓	↓	X	X	X	X	X			Preservatives:
															H_2SO_4 - COD, TOX,
															Ammonia, Phosphorus
															HNO_3 - Hardness
			X												

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: John Austin	5/11/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: John Austin	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: E/A&H	1600	COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 4931437420
SPECIAL INSTRUCTION:

COMMENTS: Samples for Engineering Parameters

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

CHANCUST

5-22-95

CHAIN OF CUSTODY RECORD

EnSafe®
5724 SUMMER TREES DR. MEMPHIS TN. 38134 (901)372-7962

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08440
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Todd Haverkost
TELEPHONE NO.: (803) 884-0029
FAX. NO.:
SAMPLERS: (SIGNATURE) M J Bost

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	BOD/ALK/TSS	TDS/NO3/NO2	COD/NH4/TOC	Phosphorus	Hardness		REMARKS
NBCH/017GW0020A	5-22-95	1314	H_2O	500ml poly 250ml poly	4°C	See Remarks	3	X	X	X	X	X		
NBCH/GDHGW0060A	5-22-95	1047	↓	↓	↓	↓	↓	X	X	X	X	X		
NBCH/GDHGW0060A	5-22-95	1116	↓	↓	↓	↓	↓	X	X	X	X	X		
NBCH/014GW02D0A	5-22-95	1250	↓	↓	↓	↓	↓	X	X	X	X	X		
NBCH/009GW0120A	5-22-95	1045	↓	↓	↓	↓	↓	X	X	X	X	X		Preservatives:
														COD/NH4/Phos/TOC:
														H_2SO_4 /
														Hardness - HNO_3

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: M Bost	5-22-95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Matt Bost	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: EnSafe	1605	COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 4133551520
SPECIAL INSTRUCTION:

COMMENTS: Engineering Parameters Samples

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHAINCUST

6-19-95

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(903) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Charlie Vernoy
TELEPHONE NO.: 803 884-0029
FAX. NO.:
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCB	Metals/Cyanide	TPH	App. IX VOA	Filter App. IX + TPH	REMARKS
NBCH\1595B0030\1	6-19-95	0916	Soil	40z Glass Poly Glass	4°C	None	4	X	X	X	X			
NBCH\1595B0110\1		0930					4	X	X	X	X			
NBCH\1595B0110\1		0930					6					X	X	DQ04
NBCH\1595B0110\2		0950					4	X	X	X	X			
NBCH\1595B0120\1		0930					4	X	X	X	X			
NBCH\1595B0120\2		0945					4	X	X	X	X			
NBCH\1595B0080\1		1037					4	X	X	X	X			
NBCH\1595B0070\1		1041					4	X	X	X	X			
NBCH\1595B0090\1		1057					4	X	X	X	X			
NBCH\1595B0050\1		1111					4	X	X	X	X			

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: Levin Ham	6/19/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Levin Ham		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to lab	1500	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 5504753251
SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TICS unless otherwise stated in remarks

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

6-19-95

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Charlie Verney
TELEPHONE NO.: 803-884-0029
FAX. NO.:
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCB	Metals/cyanide	TPH	Hexane Ext. VOA	Full Hexane Ext. SVOA	REMARKS
NBCH\1595B0001	6-19-95	1118	Soil	4oz glass 8oz glass	4°C	None	4	X	X	X	X			
NBCH\1595B0401		1131					4	X	X	X	X			
NBCH\1595B0101		1158					4	X	X	X	X			
NBCH\1595B001 01		1220					4	X	X	X	X			
NBCH\1595CB001 01		1225					6					X	X	DQOT
NBCH\1595B001 02		1230					3	X	X	X	X			limited Volume
NBCH\1595B0201		1257					4	X	X	X	X			
NBCH\1595B0161		1320					4	X	X	X	X			
NBCH\1595B0151		1335					8	X	X	X	X			MS/MSD KLH
NBCH\1595B0461		1337					4	X	X	X	X			MS/MSD

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: Levin Ham	6/19/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Levin Ham		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A+H	TIME: 1500	COMPANY:	TIME:	COMPANY:	TIME:	COMPANY:	TIME:
REASON: Ship to lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 5959753257
SPECIAL INSTRUCTION:

COMMENTS: DQOs + TICs unless otherwise stated in remarks

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF (ADDITIONAL FEE)
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS (ADDITIONAL FEE)
- [ ] RETURNED TO CUSTOMER

6-19-95

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 3 OF 3

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)
PROJECT MANAGER: Charlie Verney
TELEPHONE NO.: 803-884-0029
FAX. NO.:
SAMPLERS: (SIGNATURE) [signature]

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pest, PCB	Metals/Cyanide	TPH	App IX VOA	Full App IX + TPH	REMARKS
NBCH\159SB01301	6-19-95	1345	Soil	4oz. Glass 8oz. Glass	4°C	None	4	X	X	X	X			
NPCA\159TB01101	↓	↓	H_2O	40 mL VOA	4°C	HCL	2					X		DQD4

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: Levin Ham	6/19/95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Levin Ham		PRINTED:		PRINTED:		PRINTED:	
COMPANY: E/A&H	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Ship to lab	1500	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: Fed Ex
SHIPMENT NO.: 5854753251
SPECIAL INSTRUCTION:

COMMENTS: DQD3 + TICs unless otherwise stated in Remarks

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

TOTAL P.04

6-20-95

CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1

CLIENT Naval Base Charleston

ADDRESS Zone H

PROJECT NAME/NUMBER 2908-08420

MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER Charlie Vernoy

TELEPHONE NO. (803) 884-0029

FAX. NO.

SAMPLERS: (SIGNATURE) Levin Ham

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA	SVOA, Pests, PCBs	Metals, CN-	TPH Mod 8015				REMARKS
NBCH\159M000101	6-20-95	1138	Sediment	500mL poly 4oz glass	4°C	None	5	X	X	X	X				
NBCH\159M000201	↓	1111	"	"	↓	"	5	X	X	X	X				
NBCH\159W000101	↓	1131	H_2O	1L Amber, 500mL Poly 1L Amber 30ly + 40mL glass	↓	Metals-HNO3 CN-NaOH	10	X	X	X	X				
NBCH\159TM00101	↓	—	H_2O	40mL/glass	↓	TPH-H2SO4 VOAs HCl	2	X							DQ04

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE Levin Ham	6/20/95	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Levin Ham		PRINTED		PRINTED		PRINTED	
COMPANY E/A+11	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON ship to Lab	1500	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. 5031209754

SPECIAL INSTRUCTION:

COMMENTS: DQ03 + TTCs unless otherwise noted in Remarks

AFTER ANALYSIS, SAMPLES ARE TO BE:

- ☒ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

TOTAL P.03

6-21-95

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5724 SUMMER TREES DR. MEMPHIS, TN 38134 (901)372-7962

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
MEDIA STATUS: (A, B, OR C)

PROJECT MANAGER: Charlie Vernon
TELEPHONE NO.: (803) 884-0079
FAX. NO.:
SAMPLERS: (SIGNATURE) Matt Bost

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: VOA	SVOA, Pest, PCB	Metals, CN-	TPH Modified			REMARKS
NBCH\159DM0020 1	6-21-95	1520	H_2O	1 liter 1L poly 500ml poly, 40ml vial	4°C	VOA - HCl Metals - HNO_3 TPH - H_2SO_4 CN- NaOH	10	X	X	X	X			
NBCH\159EM0020 1	6-21-95	1525	↓	↓	↓	↓	10	X	X	X	X			
NBCH\159TM0020 1	6-21-95	—	↓	40ml vials	↓	↓	2	X						DQO 4

RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE	RELINQUISHED BY:	DATE
SIGNATURE: Matt Bost	6-21-95	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: Matt Bost	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: EnSafe	1700	COMPANY:		COMPANY:		COMPANY:	
REASON: Ship to Lab		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 5854 759 210
SPECAL INSTRUCTION:

COMMENTS: All samples are DQO 3 unless otherwise stated in remarks

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☑ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

CHANCUST

TOTAL P.02

Appendix B

Zone H and Zone I Lithologic Boring Logs and Monitoring Well Construction Diagrams

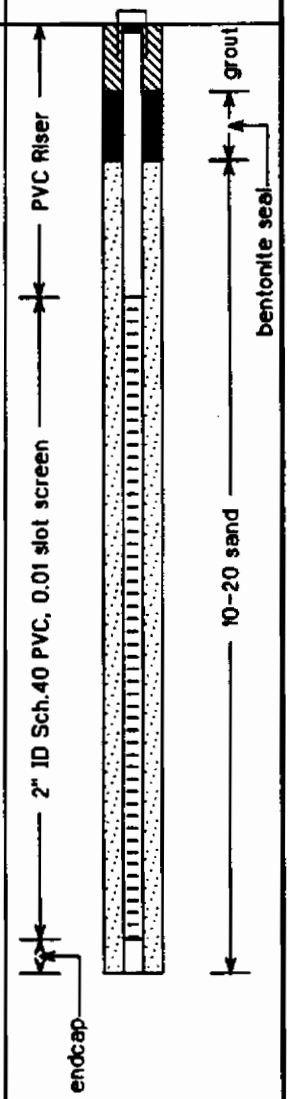
EnSafe/Allen & Hoshall

Monitoring Well NBCH017003

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324850.65 E, 370346.19 N*
Location: *Charleston, SC*	Surface Elevation: *11.5 feet msl*
Started at *1045 on 9-8-94*	TOC Elevation: *11.39 feet msl*
Completed at *1145 on 9-8-94*	Depth to Groundwater: *4.29 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *7.10 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14 feet bgs*
Geologist: *S. Howard*	Well Screen: *4 to 13.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SC	From posthole cuttings-- Sand: light brown, fine, with some clay and gravel--fill.	9.5
							GC	Sand: light brown, poorly sorted, gravelly, and clayey.	8.5
5			1	100	0				6.5
							ML OH	Clay: black, soft, with high organic content.	3.5
							OH	Silt: green, organic rich, crude horizontal layering, sulfurous odor.	2.5
10			2	75	0				2
							OH	Silt: brown-green, organic-rich, with gray clay and plant fragments throughout.	1.5
15			3	100	0				3.5
20									

WELL DIAGRAM



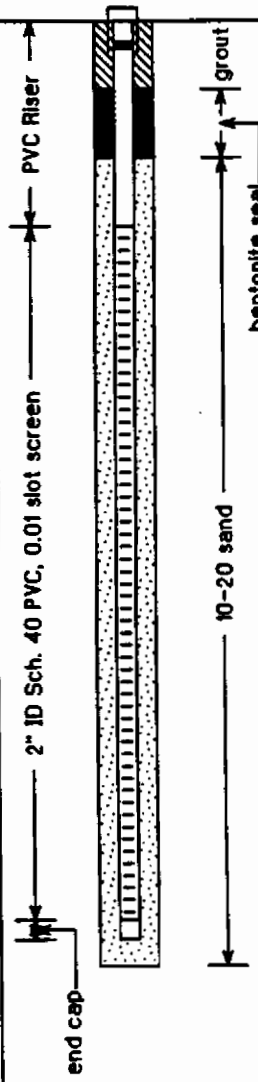
EnSafe/Allen & Hoshall

Monitoring Well NBCH017004

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324906.63 E, 370122.05 N*
Location: *Charleston, SC*	Surface Elevation: *10.2 feet msl*
Started at *1545 on 9-10-94*	TOC Elevation: *9.80 feet msl*
Completed at *1610 on 9-10-94*	Depth to Groundwater: *3.25 feet TOC* Measured: *12-8-94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *6.55 feet msl*
Drilling Company: *Alliance*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 13.3 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									7.2
							OH	Auger cuttings 3-5'-- Clay: black to dark gray-green, soft, fat.	
5			1	0	0				5.2
									2.2
							SM	Sand: gray-green, fine, with shell hash.	
									1.2
							OH	Clay: gray-green with black staining.	7
10			2	83	0				
			3	100	0				1.8
							SM	Auger cuttings 12-14'-- Sand: gray-green, fine, wet.	
									3.8
15									
20									

WELL DIAGRAM



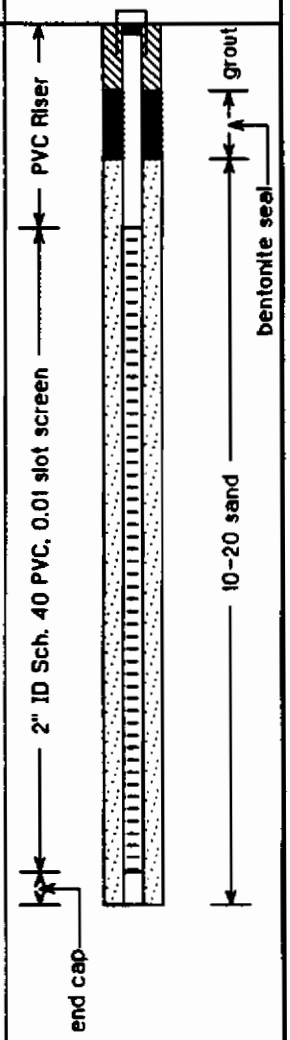
EnSafe/Allen & Hoshall

Monitoring Well NBCH017001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324956.64 E, 370310.59 N*
Location: *Charleston, SC*	Surface Elevation: *11.6 feet msl*
Started at *1435 on 9-7-94*	TOC Elevation: *11.45 feet msl*
Completed at *1535 on 9-7-94*	Depth to Groundwater: *5.99 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.46 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Howard*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Auger cuttings 0-3'-- Sand: brown with black clay and hydrocarbon odor.	
5							CL	Clay: brown to black, slightly sandy, strong hydrocarbon odor	6.6 6.3
			1	17	38				
							CL SC	Clay: brown with strong hydrocarbon odor, grading to fine green sand; bottom 0.3' is brown, stiff clay.	3.6 2
10			2	83	0				
							CL	Clay: green-gray, some silt, very soft.	1.4
							SM	Sand: brown, fine, silty.	2.4 3.1
15			3	83	0				
20									

WELL DIAGRAM



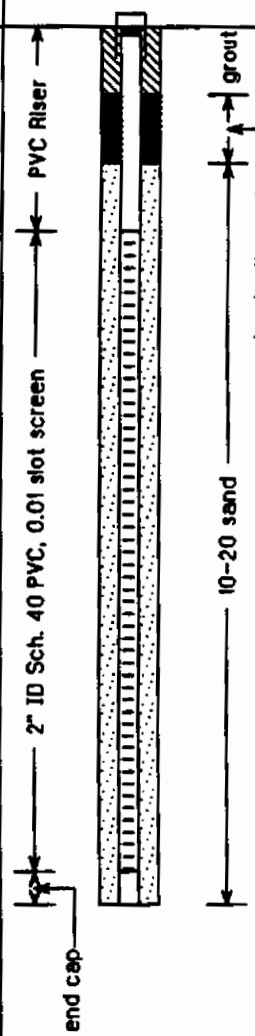
EnSafe/Allen & Hoshall

Monitoring Well NBCH017002

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324930.77 E, 370399.29 N*
Location: *Charleston, SC*	Surface Elevation: *10.6 feet msl*
Started at *0825 on 9-8-94*	TOC Elevation: *10.47 feet msl*
Completed at *0915 on 9-8-94*	Depth to Groundwater: *4.66 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.81 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Howard*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SP	Sand: brown, fine to medium with gravel, poorly sorted.	7.6 / 7.3
5			1	13	0				
					25			*Black sludge on auger flights with strong solvent-like odor.*	2.6
							OH	Clay: black to dark gray, fat, minor sand and shell hash at base, no odor.	
10			2	100	0				6
							OH	Silt: green-brown, organic-rich with plant fragments and dark gray to black, soft clay with occasional small plant roots, sulfurous odor.	2.4
15			3	100	0				4.4
20									

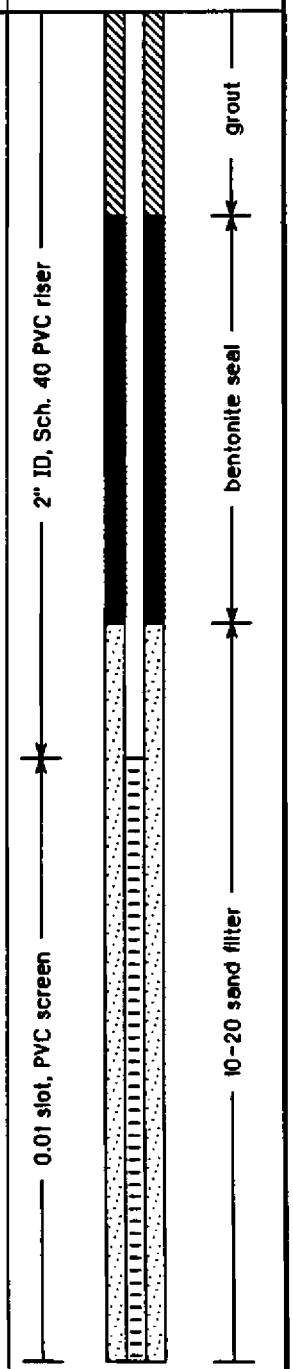
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH01405D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2325602.00 E, 369225.99 N*
Location: *Charleston, SC*	Surface Elevation: *9.2 feet msl*
Started at *1120 on 10-21-94*	TOC Elevation: *11.65 feet msl*
Completed at *1300 on 10-21-94*	Depth to Groundwater: *7.66 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *3.99 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *41 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *31 to 40.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			2	100	0				
25								Clay: gray-green, fine, fat, marsh clay.	
30							OH		
35									
40									

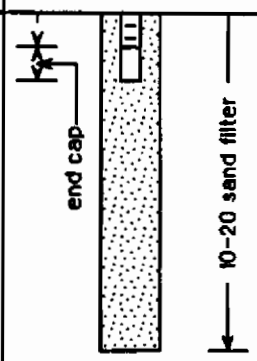
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH01405D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2325602.00 E, 369225.99 N*
Location: *Charleston, SC*	Surface Elevation: *9.2 feet msl*
Started at *1120 on 10-21-94*	TOC Elevation: *11.65 feet msl*
Completed at *1300 on 10-21-94*	Depth to Groundwater: *7.66 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *3.99 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *41 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *31 to 40.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							OH		
								Clay: olive-brown, silty, fine, tight, dry-- Cooper Marl.	31.8
			3	100	0		OL		
45									35.8
50									
55									
60									

WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH01404D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2325850.64 E, 36925165 N*
Location: *Charleston, SC*	Surface Elevation: *6.8 feet msl*
Started at *0800 on 10-21-94*	TOC Elevation: *9.38 feet msl*
Completed at *0900 on 10-21-94*	Depth to Groundwater: *6.55 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.83 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *35 feet bgs*
Geologist: *B. Doll*	Well Screen: *25 to 34.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X		3	100	0		OL			10-20 sand filter
45									38.2	
50										
55										
60										

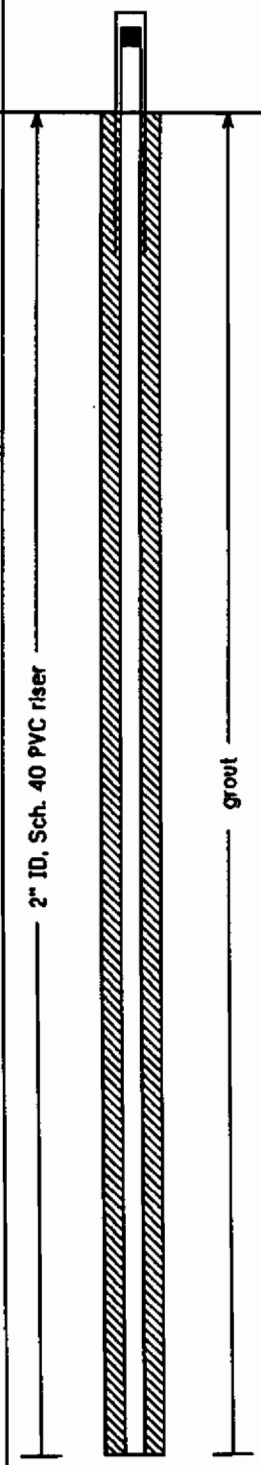
EnSafe/Allen & Hoshall

Monitoring Well NBCH01405D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325602.00 E, 369225.99 N*
Location: *Charleston, SC*	Surface Elevation: *9.2 feet msl*
Started at *1120 on 10-21-94*	TOC Elevation: *11.65 feet msl*
Completed at *1300 on 10-21-94*	Depth to Groundwater: *7.66 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *3.99 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *41 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *31 to 40.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									9.2
			1	100	0		CL	Clay: red-brown, sandy.	5.2
5							OH	Clay: green-black, fine, fat marsh clay.	
10							SC	Sand: gray-green, fine, clayey, wet.	-8
15							OH	Clay: gray-green, fine, fat marsh clay with plant fiber.	-4.8
20									

WELL DIAGRAM



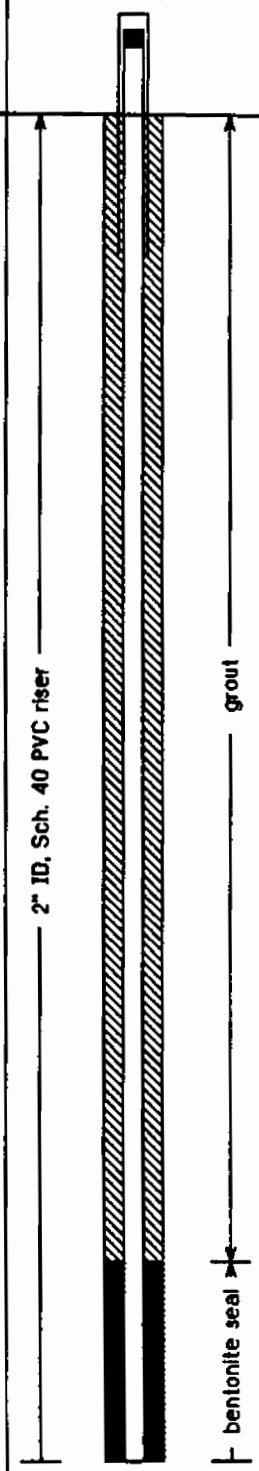
EnSafe/Allen & Hoshall

Monitoring Well NBCH01404D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325850.64 E, 36925165 N*
Location: *Charleston, SC*	Surface Elevation: *6.8 feet msl*
Started at *0800 on 10-21-94*	TOC Elevation: *9.38 feet msl*
Completed at *0900 on 10-21-94*	Depth to Groundwater: *6.55 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.83 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *35 feet bgs*
Geologist: *B. Dol*	Well Screen: *25 to 34.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Loose, black, sandy soil.	3.8
			1	100	0		SC	Sand: orange, clayey.	
5								Clay: tan, sandy and "marly" with phosphate nodules.	1.8
							SC CL		
								Clay: gray-green, soft, fat, marsh clay.	2.2
10									
							OH		
15			2	80	0				
20									

WELL DIAGRAM



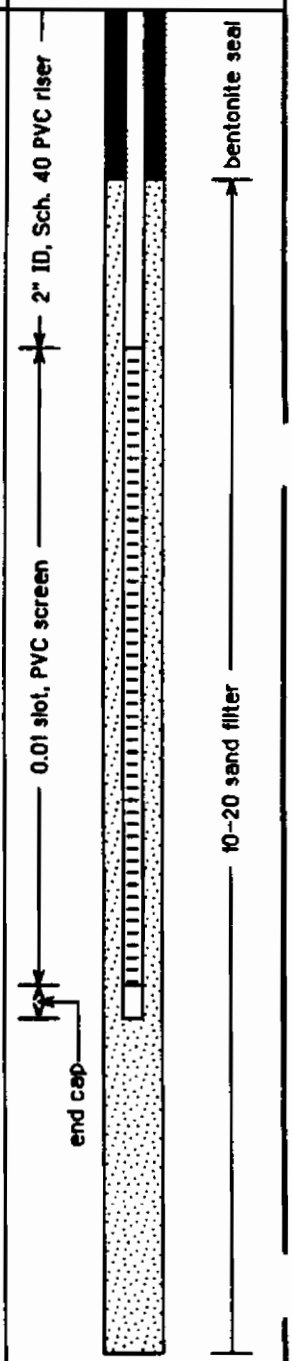
EnSafe/Allen & Hoshall

Monitoring Well NBCH01404D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325850.64 E, 36925165 N*
Location: *Charleston, SC*	Surface Elevation: *6.8 feet msl*
Started at *0800 on 10-21-94*	TOC Elevation: *9.38 feet msl*
Completed at *0900 on 10-21-94*	Depth to Groundwater: *6.55 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.83 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *35 feet bgs*
Geologist: *B. Dol*	Well Screen: *25 to 34.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							OH		
								No recovery.	14.2
25								Clay: gray-green, soft, fat, silty marsh clay.	18.2
							OH		
30									24.2
							SC CL	Clay: green, sandy, stiff.	25.2
							SM	Sand: gray to gray-green, fine, stiff.	
35								Clay: olive-brown, fine, dry--Cooper Marl.	28.2
							OL		
40									

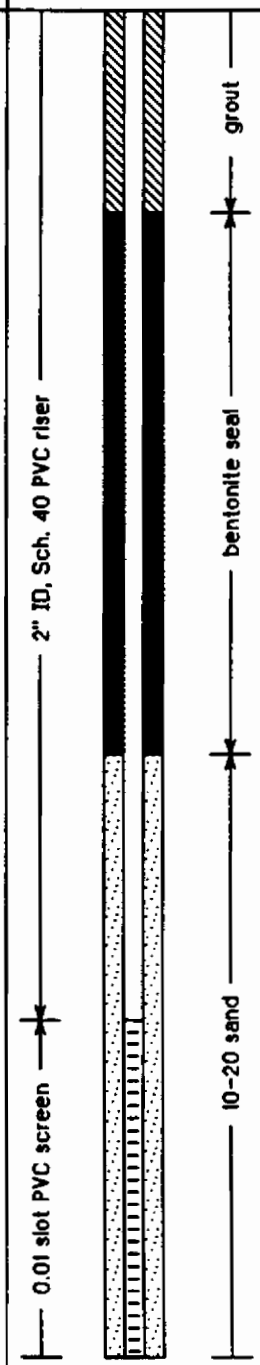
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH01403D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2325767.33 E, 369076.09 N*
Location: *Charleston, SC*	Surface Elevation: *8.7 feet msl*
Started at *1455 on 10-20-94*	TOC Elevation: *11.24 feet msl*
Completed at *1700 on 10-20-94*	Depth to Groundwater: *7.08 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.16 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *B. Doll*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
25									
30							OH		
			3	100	0				
35								Clay: marsh clay as above.	
40									

WELL DIAGRAM



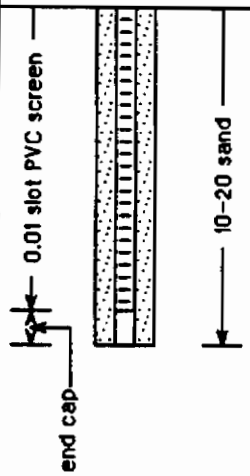
EnSafe/Allen & Hoshall

Monitoring Well NBCH01403D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325767.33 E, 369076.09 N*
Location: *Charleston, SC*	Surface Elevation: *8.7 feet msl*
Started at *1455 on 10-20-94*	TOC Elevation: *11.24 feet msl*
Completed at *1700 on 10-20-94*	Depth to Groundwater: *7.08 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.16 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *B. Doll*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							OH		
								Heavy shell hash and phosphate lag in last foot of sample.	33.3
								Cooper Marl	
			4	100	0		OL		
45									36.3
50									
55									
60									

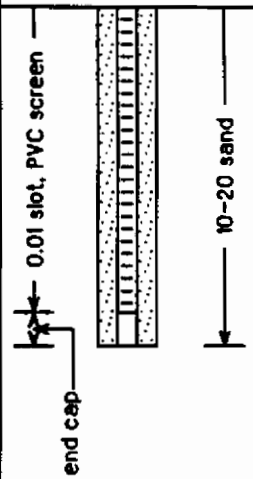
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH01402D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2325375.76 E, 368713.44 N*
Location: *Charleston, SC*	Surface Elevation: *10.6 feet msl*
Started at *1200 on 10-20-94*	TOC Elevation: *12.87 feet msl*
Completed at *1330 on 10-20-94*	Depth to Groundwater: *7.59 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.28 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SM		
									32.4
			3	100	0		OL	Clay: olive-brown, tight, dry-- Cooper Marl.	
45									34.4
50									
55									
60									

WELL DIAGRAM



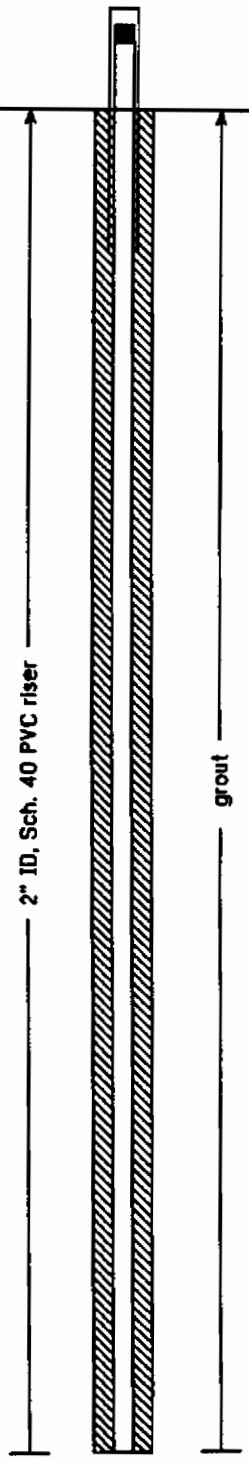
EnSafe/Allen & Hoshall

Monitoring Well NBCH01403D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325767.33 E, 369076.09 N*
Location: *Charleston, SC*	Surface Elevation: *8.7 feet msl*
Started at *1455 on 10-20-94*	TOC Elevation: *11.24 feet msl*
Completed at *1700 on 10-20-94*	Depth to Groundwater: *7.08 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.16 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *B. Doll*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0		CL	Clay: orange-brown, sandy, chunky.	5.7
5								Clay: green-black, sandy with shells.	
							SM	Sand: brown-black, fine.	1.2
							SP		.9
							SP	Sand: red, orange, and tan, fine, loosely cemented.	.1
								Clay: gray-green, fine, fat, marsh clay.	
10			2	40	0		OH		
15									
20									

WELL DIAGRAM



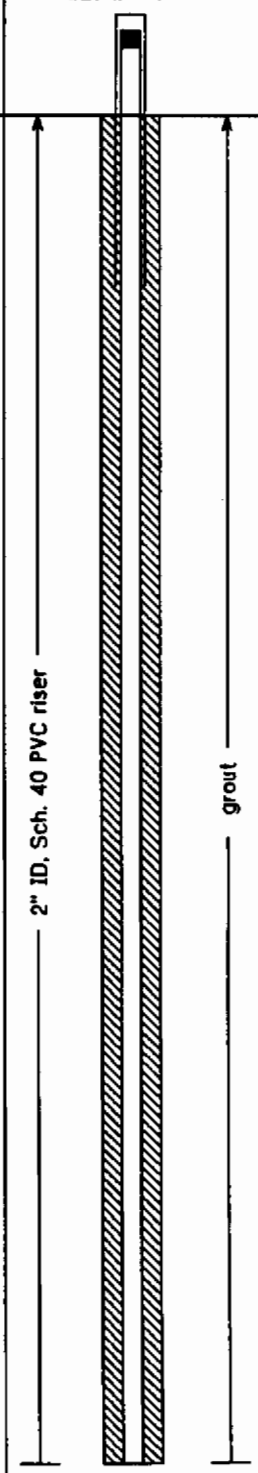
EnSafe/Allen & Hoshall

Monitoring Well NBCH01402D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325375.76 E, 368713.44 N*
Location: *Charleston, SC*	Surface Elevation: *10.6 feet msl*
Started at *1200 on 10-20-94*	TOC Elevation: *12.87 feet msl*
Completed at *1330 on 10-20-94*	Depth to Groundwater: *7.59 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.28 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0		SC	Clay: brown, stiff, chunky, with medium sand.	
5							OH	Clay: green-black, fat, marsh clay with 2 inches of sand at bottom. Some plant fibers at 6'.	5.6
10								Clay: as above.	
15									
20									

WELL DIAGRAM



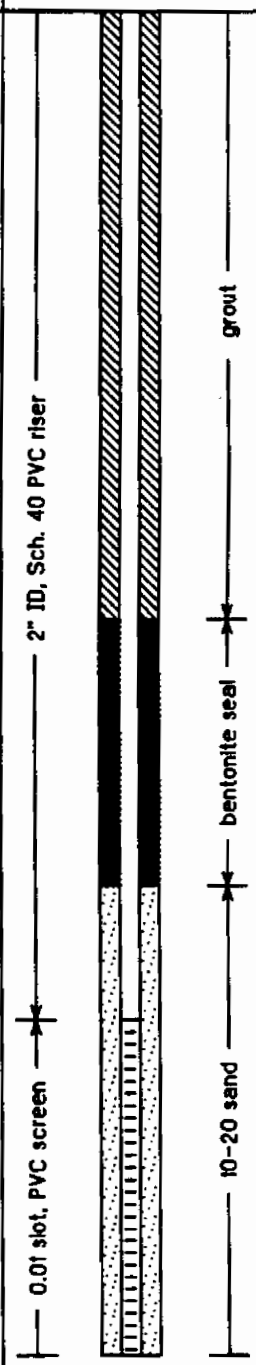
EnSafe/Allen & Hoshall

Monitoring Well NBCH01402D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325375.76 E, 368713.44 N*
Location: *Charleston, SC*	Surface Elevation: *10.6 feet msl*
Started at *1200 on 10-20-94*	TOC Elevation: *12.87 feet msl*
Completed at *1330 on 10-20-94*	Depth to Groundwater: *7.59 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.28 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			2	100	0		OH		
25									14.4
							CL	Clay: gray-green, sandy with shells	
30									19.8
							SP	9" thick shelly sand lense.	20.4
							OH	Clay: green marsh clay, tight, fat, with some plant fibers.	
35									28.4
							SM	Sand: gray, fine.	
40									

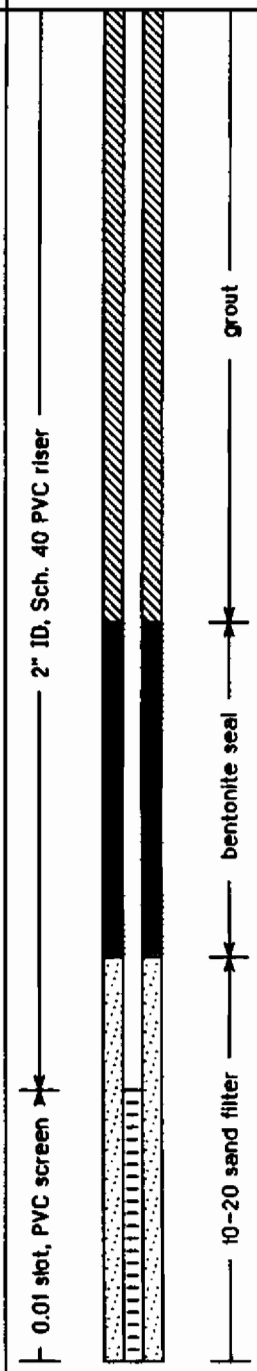
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH01401D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2325395.36 E, 369001.65 N*
Location: *Charleston, SC*	Surface Elevation: *10.2 feet msl*
Started at *0730 on 10-20-94*	TOC Elevation: *12.58 feet msl*
Completed at *0855 on 10-20-94*	Depth to Groundwater: *7.63 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.95 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *46 feet bgs*
Geologist: *B. Doll*	Well Screen: *36 to 45.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			2	100	5				
25								Clay: as above with some plant fibers.	
							OH		
30									
								4" heavy shell hash from 34-35'.	
35								Sand: gray, fine to medium, with some green sand lenses.	24.8
							SM		
40									

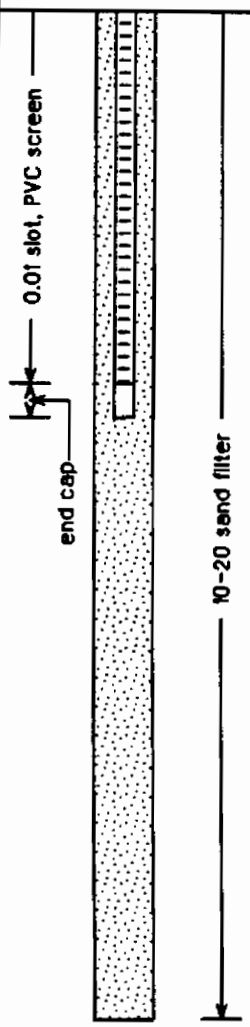
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH01401D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2325395.36 E, 36900165 N*
Location: *Charleston, SC*	Surface Elevation: *10.2 feet msl*
Started at *0730 on 10-20-94*	TOC Elevation: *12.58 feet msl*
Completed at *0855 on 10-20-94*	Depth to Groundwater: *7.63 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.95 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *46 feet bgs*
Geologist: *B. Doll*	Well Screen: *36 to 45.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			3	100	0		SM		
45								Sand: gray-green, medium, with heavy shell and phosphate lag.	
									35.8
								Clay: olive-brown, fine, tight, dry-- Cooper Marl.	
50							OL		
			4	100	0				
55									44.8
60									

WELL DIAGRAM



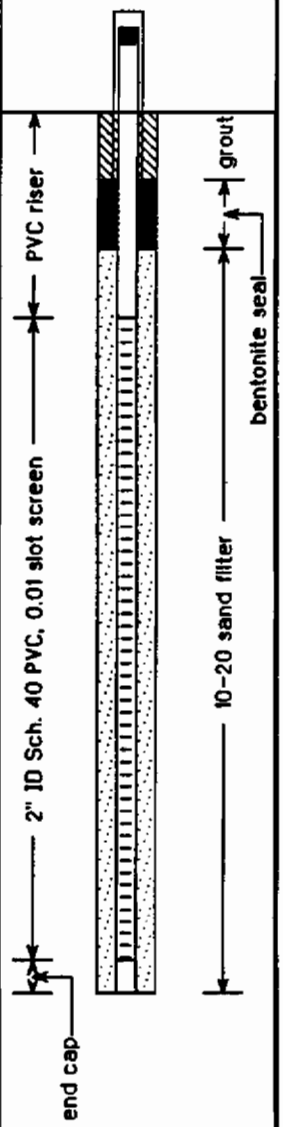
EnSafe/Allen & Hoshall

Monitoring Well NBCH014005

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325602.14 E, 369236.39 N*
Location: *Charleston, SC*	Surface Elevation: *9.4 feet msl*
Started at *1430 on 09-23-94*	TOC Elevation: *11.90 feet msl*
Completed at *1530 on 09-23-94*	Depth to Groundwater: *7.13 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.77 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									9.4
							OH	Clay: brown, soft, damp, grading into gray-green-black, damp marsh clay with black staining, soft.	6.4
5			1	100	0				4.4
							OH / SM	Clay: gray-green, marsh clay, medium plasticity, damp, soft, grading to gray-green, fine to medium, clayey, wet sand.	1.4
10			2	100	0				-.6
							SC / OH	Clay: olive gray-green, sandy with shell hash, grading to gray-green, marsh clay, medium plasticity, soft, damp.	-3.6
15			3	100	0				-5.6
20									

WELL DIAGRAM



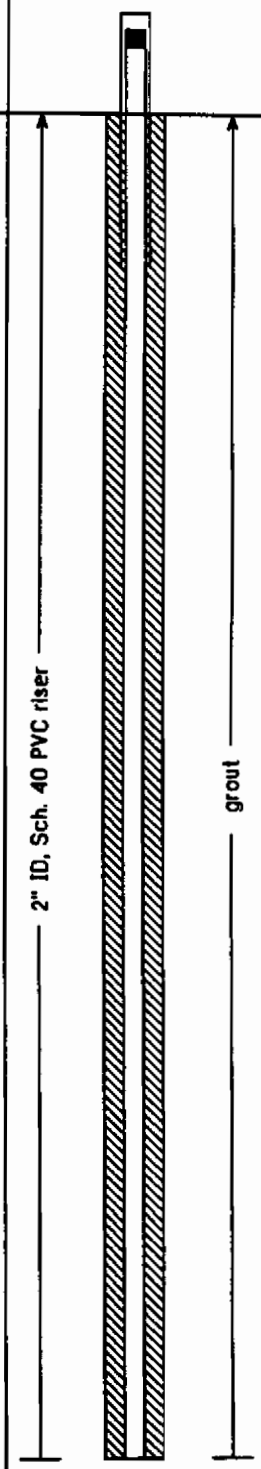
EnSafe/Allen & Hoshall

Monitoring Well NBCH01401D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325395.36 E, 36900165 N*
Location: *Charleston, SC*	Surface Elevation: *10.2 feet msl*
Started at *0730 on 10-20-94*	TOC Elevation: *12.58 feet msl*
Completed at *0855 on 10-20-94*	Depth to Groundwater: *7.63 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.95 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *46 feet bgs*
Geologist: *B. Doll*	Well Screen: *36 to 45.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		1	100	0		FILL	Clay: red-brown, chunky with fill sand.	7.2
5							OH	Clay: green-black, fine, fat, marsh clay.	5.7
							SC	Sand: gray-tan, fine, damp, clayey.	4.2
10							SM	Sand: loose, wet, fine, with shells, little clay.	1.8
15							OH	Clay: gray-green, fine, fat, marsh clay.	3.8
20									

WELL DIAGRAM



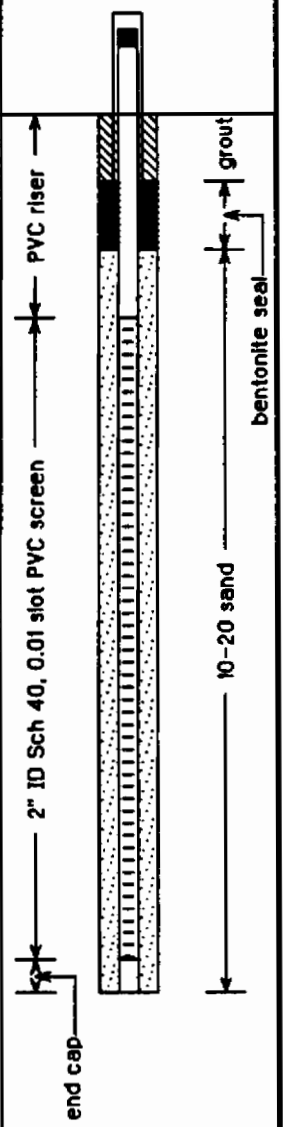
EnSafe/Allen & Hoshall

Monitoring Well NBCH014003

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325776.69 E, 369069.28 N*
Location: *Charleston, SC*	Surface Elevation: *8.4 feet msl*
Started at *0820 on 09-23-94*	TOC Elevation: *10.99 feet msl*
Completed at *0930 on 09-23-94*	Depth to Groundwater: *6.74 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.25 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								No recovery.	
5			1	0	0		SC OH	Sand: orange, clayey, grading to gray-green-black marsh clay.	3.4
			2	100	0				1.4
							OH SC	Clay: gray-green to black marsh clay with orange, clayey, medium sand	-.4
10			3	100	0				-1.6
							OH SM	Clay: gray-green, soft, wet, grading to gray-green, fine to medium, wet sand, with gray-green clay with medium plasticity and shell hash at 14.5'.	-4.6
15			4	100	0				-6.6
20									

WELL DIAGRAM



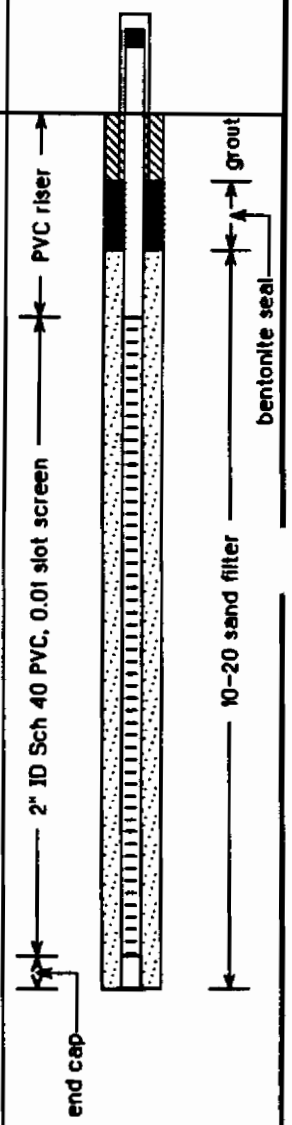
EnSafe/Allen & Hoshall

Monitoring Well NBCH014004

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325850.57 E, 369243.53 N*
Location: *Charleston, SC*	Surface Elevation: *7.1 feet msl*
Started at *1050 on 09-23-94*	TOC Elevation: *9.4 feet msl*
Completed at *1150 on 09-23-94*	Depth to Groundwater: *6.12 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.28 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							FILL	Top soil and sandy fill.	5.1
							SC	Sand: dark brown, clayey, grading to gray and orange-brown, clayey, wet sand.	4.1
5			1	100	0				2.1
							SC OH	Sand: gray, fine, wet, grading to olive-tan, soft, "marly"-like clay.	.9
10			2	100	0				-2.9
							SC OH	Sand: gray, fine, wet, grading to gray-green, soft, damp, marsh clay, with medium plasticity.	-5.9
15			3	100	0				-7.9
20									

WELL DIAGRAM



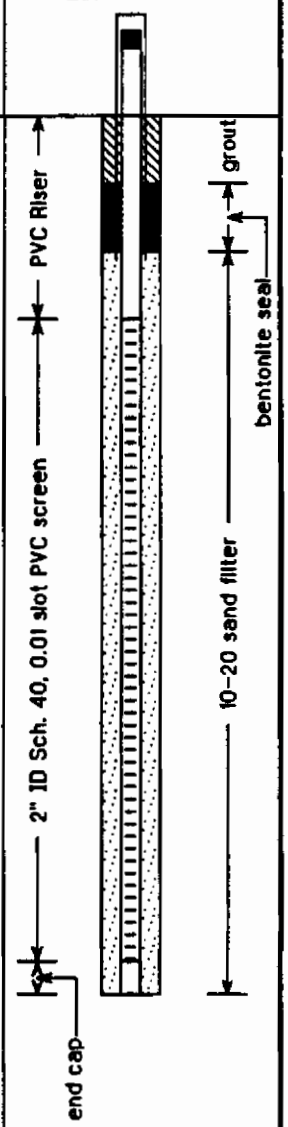
EnSafe/Allen & Hoshall

Monitoring Well NBCH014001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325399.89 E, 369013.30 N*
Location: *Charleston, SC*	Surface Elevation: *10.4 feet msl*
Started at *0910 on 09-22-94*	TOC Elevation: *12.92 feet msl*
Completed at *1115 on 09-22-94*	Depth to Groundwater: *7.90 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with Split Spoon*	Groundwater Elevation: *5.02 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							OH	0-3' Posthole cuttings-- Fill: brown, tight, clayey. Clay: brown and black, tight, fill-like material.	
5			1	100	12				5.4
									2.4
							OH	Clay: gray-green to tan with black staining and rusty metal flakes, soft, wet.	
10			2	100	32				.4
									2.6
							OH SM	Clay: gray-green, soft, damp, with wood, grading into gray, medium clayey sand.	
15			3	100	0				4.6
20									

WELL DIAGRAM



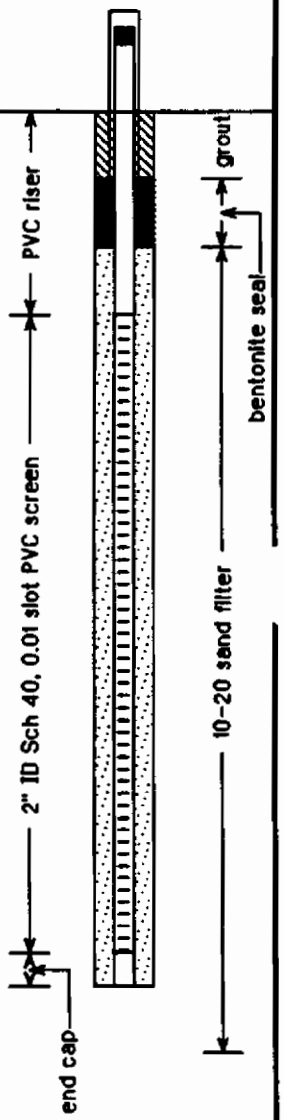
EnSafe/Allen & Hoshall

Monitoring Well NBCH014002

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325377.63 E, 368702.72 N*
Location: *Charleston, SC*	Surface Elevation: *10.5 feet msl*
Started at *1345 on 09-22-94*	TOC Elevation: *13.23 feet msl*
Completed at *1510 on 09-22-94*	Depth to Groundwater: *8.54 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.69 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							FILL	0-3' Posthole cuttings: topsoil and brown, tight, hard, clayey fill material.	
								Clayey fill: as above.	
			1	100	0		OH	Clay: gray-green-black, soft, marsh clay.	6.5
5									5.5
			2	100	1		OH SC	Clay: gray-green, soft, damp, marsh clay intermixed with olive to dark tan, sandy, wet clay.	2.5
10									5
			3	25	6		OH	Clay: gray-green with black mottling, soft, damp, marsh clay.	2.5 / 3
15									
20									

WELL DIAGRAM



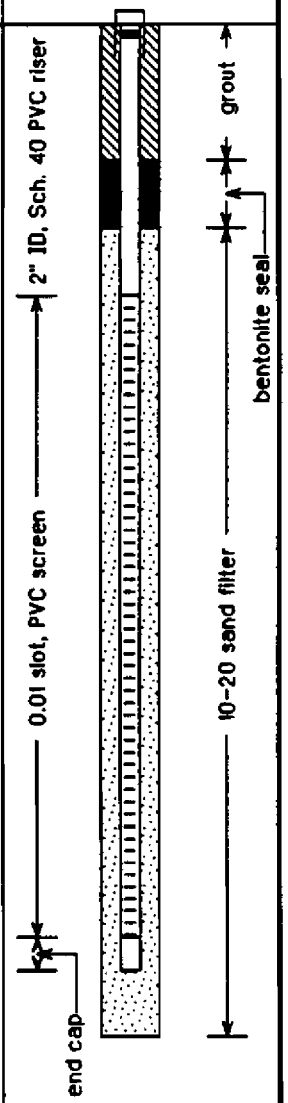
EnSafe/Allen & Hoshall

Monitoring Well NBCH013006

Project: *Zone H- Naval Base Charleston*	Coordinates: *2324623.86 E, 371051.98 N*
Location: *Charleston, SC*	Surface Elevation: *8.8 feet msl*
Started at *1430 on 09-06-94*	TOC Elevation: *8.61 feet msl*
Completed at *1500 on 09-06-94*	Depth to Groundwater: *5.10 feet TOC* Measured: *12-7-94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.51 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14 feet bgs*
Geologist: *S. Howard*	Well Screen: *4 to 13.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Asphalt parking lot	
							SM/SC	Sand: brown, silty to clayey.	5.8
5			1	100	0				3.8
							SM	Sand: blue-gray, fine to medium with some shell fragments, silty, some orange-brown sand present.	8
									4
10			2	58	5				
							SM	Sand: as above.	4.2
							OH	Clay: green-gray, soft, plastic, homogeneous, with wood fragments.	5.2
15			3	100	0				8.2
20									

WELL DIAGRAM



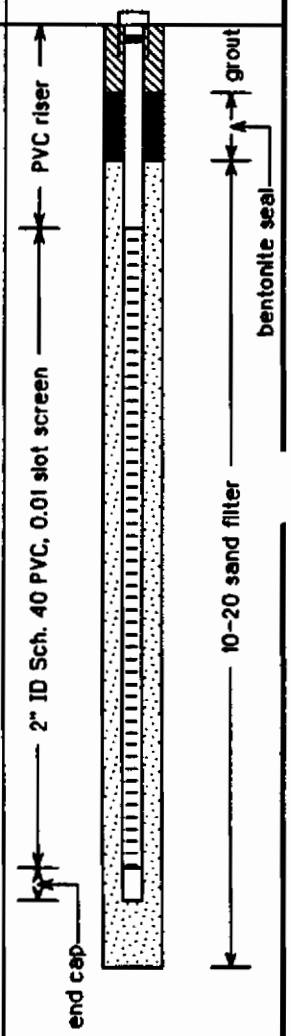
EnSafe/Allen & Hoshall

Monitoring Well NBCH013007

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324505.65 E, 371032.19 N*
Location: *Charleston, SC*	Surface Elevation: *8.7 feet msl*
Started at *1155 on 09-14-94*	TOC Elevation: *8.45 feet msl*
Completed at *1300 on 09-14-94*	Depth to Groundwater: *4.32 feet TOC* Measured: *12-7-94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.13 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							FILL	Posthole cuttings 0-3'-- Fill	5.7
5							SM	Sand: orange-brown, fine to medium grading to gray-green, fine, wet sand at 5.3'.	3.7 3.2
			1	25	0				
10							SM	Sand: gray-green, fine, wet, with some shell hash and patches of black petroleum staining.	1.3 2.4
			2	54	0				
15									
20									

WELL DIAGRAM



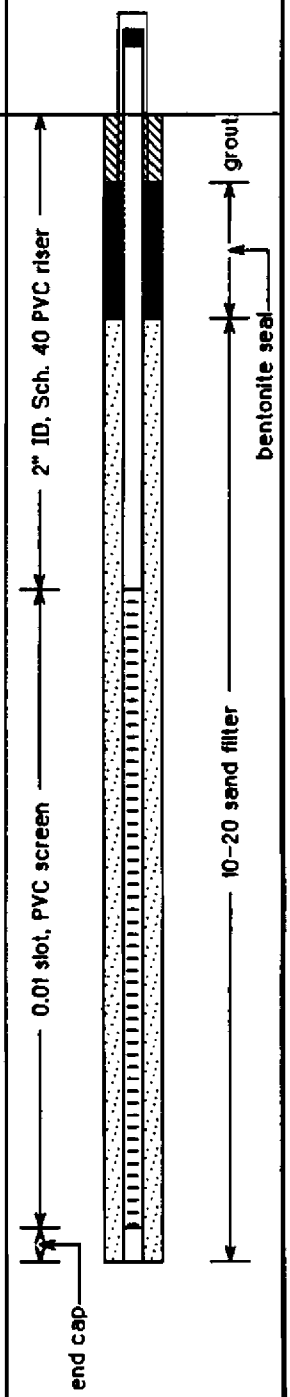
EnSafe/Allen & Hoshall

Monitoring Well NBCH013004

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324680.54 E, 370906.11 N*
Location: *Charleston, SC*	Surface Elevation: *8.9 feet msl*
Started at *0915 on 08-30-94*	TOC Elevation: *11.27 feet msl*
Completed at *1000 on 08-30-94*	Depth to Groundwater: *6.73 feet TOC* Measured: *12-7-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.54 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *17 feet bgs*
Geologist: *B. Dotson*	Well Screen: *7 to 16.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Auger cuttings 0-3': sand	
							SW	Sand: brown, fine to medium, well-sorted, wet.	5.9 / 5.2
5			1	33	0				
							SC	Sand: brown, speckled with silt, high plasticity, poorly sorted, wet.	9 / 8
10			2	75	0				
							SM ML	Sand: green-gray, fine to medium, silty, with shells, grading into clayey silt at 14' with marsh grass and sulfur odor.	4.1 / 5.6
15			3	75	0				
20									

WELL DIAGRAM



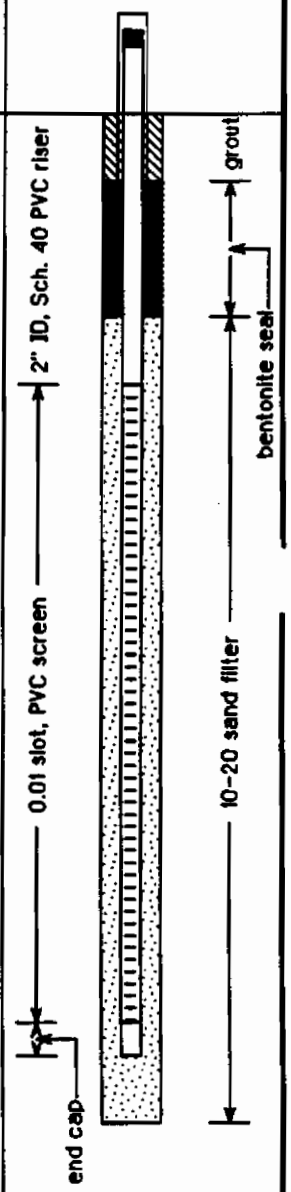
EnSafe/Allen & Hoshall

Monitoring Well NBCH013005

Project: *Zone H- Naval Base Charleston*	Coordinates: *2324578.76 E, 371139.11 N*
Location: *Charleston, SC*	Surface Elevation: *9.0 feet msl*
Started at *1245 on 09-06-94*	TOC Elevation: *11.47 feet msl*
Completed at *1320 on 09-06-94*	Depth to Groundwater: *7.68 feet TOC* Measured: *12-7-94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.79 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14 feet bgs*
Geologist: *S. Howard*	Well Screen: *4 to 13.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									9
							SM SC	Sand: orange-brown, fine, silty, clayey at base, wet.	
5			1	100	4				4
									1
							SM SC	Sand: blue-gray, fine to medium, slightly silty, shelly with some phosphate nodules; from 9-9.2', brown-orange, clayey, wet, fine sand.	
10			2	100	3.6				1
									4
							SM	Sand: blue-gray, fine to medium with shell fragments, slightly silty, with black phosphate nodules 0.5" diameter.	5
							CH	Clay: green-gray, soft, homogeneous, plastic.	
15			3	100	5.7				8
20									

WELL DIAGRAM



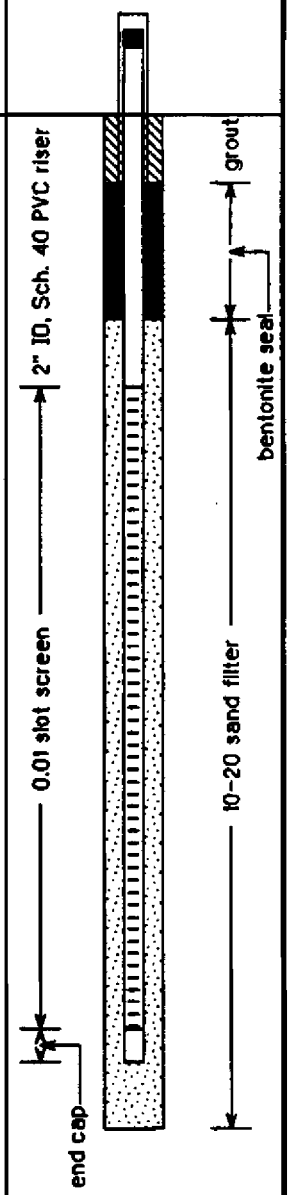
EnSafe/Allen & Hoshall

Monitoring Well NBCH013002

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324390.33 E, 370867.05 N*
Location: *Charleston, SC*	Surface Elevation: *7.2 feet msl*
Started at *1330 on 08-29-94*	TOC Elevation: *9.12 feet msl*
Completed at *1400 on 08-29-94*	Depth to Groundwater: *5.15 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.97 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *4 to 13.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							FILL	Posthole cuttings: loose, brown, organic, silty clay and topsoil.	5.2
							SM SC	Sand: gray-green, medium, with loose, clayey, gray sand, wet.	4.2
5			1	83	2.4				2.2
							SM SC	Sand: gray-green , fine to medium, loose, with tight, brown, silty, clayey sand.	-.8 -1.3
10			2	25	1.1				
							OH	Clay: gray-green, silty, stiff.	-5.8
15			3	100	4.1				-7.8
20									

WELL DIAGRAM



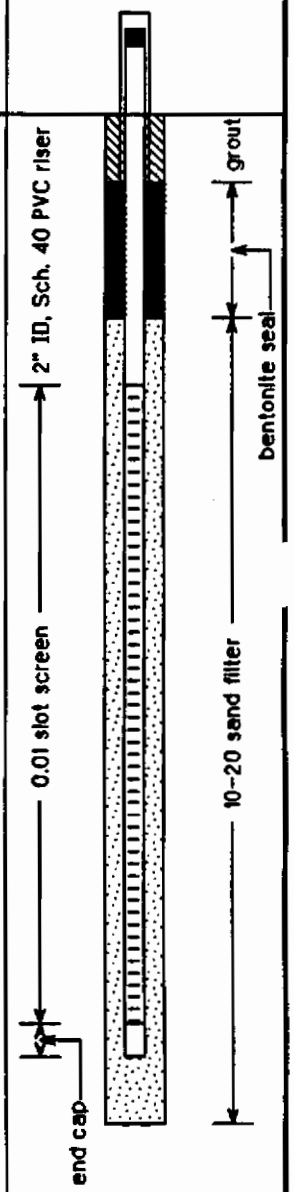
EnSafe/Allen & Hoshall

Monitoring Well NBCH013003

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324600.39 E, 370802.79 N*
Location: *Charleston, SC*	Surface Elevation: *8.2 feet msl*
Started at *1615 on 8-29-94*	TOC Elevation: *10.17 feet msl*
Completed at *1700 on 8-29-94*	Depth to Groundwater: *7.14 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.03 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *15 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							FILL	Posthole cuttings: top soil with silty sand and rock.	8.2
							SM	Sand: tan, fine, tan, silty.	5.2
5			1	83	2.3				3.5
							SM OH	Sand: brown, medium, loose, wet, with tight, gray-green, plastic clay.	-2
10			2	83	0.7				-5
							OL OH	Clay: loose, some medium sand with tight, gray-green to brown, silty, clay.	-4.8
15			3	83	2.6				-6.5
20									

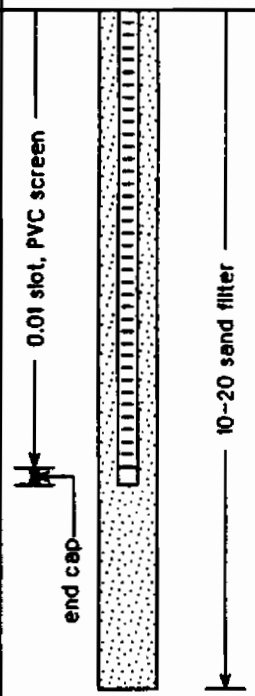
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH009012D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2321753.73 E, 370734.71 N*
Location: *Charleston, SC*	Surface Elevation: *6.9 feet msl*
Started at *0745 on 10-22-94*	TOC Elevation: *9.42 feet msl*
Completed at *1010 on 10-22-94*	Depth to Groundwater: *6.54 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.88 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *67 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *57 to 67 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			4	100			SC		
65							OH	Clay: marsh clay, with oyster shells and some sand, shells at base.	58.1
			5	100			OL	Clay: olive-brown, tight, fine, dry, sandy--Cooper Marl.	60.1
70									63.1
75									
80									

WELL DIAGRAM



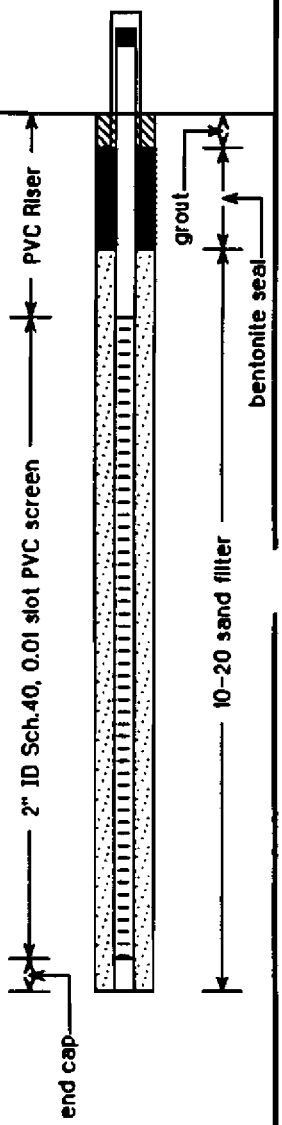
EnSafe/Allen & Hoshall

Monitoring Well NBCH013001

Project: *Zone H-Naval Base Charleston*	Coordinates: *232429.92 E, 370998.37 N*
Location: *Charleston, SC*	Surface Elevation: *8.2 feet msl*
Started at *1045 on 08-29-94*	TOC Elevation: *10.78 feet msl*
Completed at *1110 on 08-29-94*	Depth to Groundwater: *7.13 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.65 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SM	Auger cuttings 0-3'-- Sand: light brown	
								Sand: light brown.	
5			2	83	0				3.4
							CL	Clay: gray with gray sand from 8-8.3'.	2
10			3	75	0				1.3
							CH	Clay: gray, plastic, with grass debris.	4.8
15			4	75	0				6.3
20									

WELL DIAGRAM



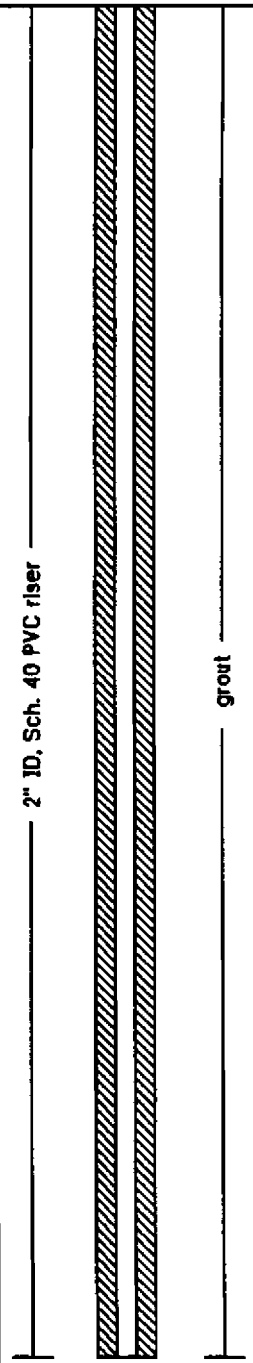
EnSafe/Allen & Hoshall

Monitoring Well NBCH009012D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2321753.73 E, 370734.71 N*
Location: *Charleston, SC*	Surface Elevation: *6.9 feet msl*
Started at *0745 on 10-22-94*	TOC Elevation: *9.42 feet msl*
Completed at *1010 on 10-22-94*	Depth to Groundwater: *6.54 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.88 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *67 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *57 to 67 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			2	0	0				
25								Clay: no sand, pieces of cut wood from 25-30', marsh clay.	-18.1
30							OH		
35									
40									

WELL DIAGRAM



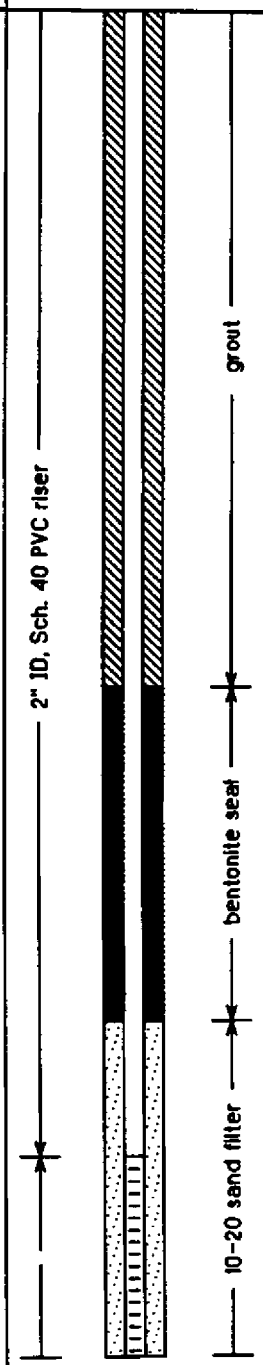
EnSafe/Allen & Hoshall

Monitoring Well NBCH009012D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2321753.73 E, 370734.71 N*
Location: *Charleston, SC*	Surface Elevation: *6.9 feet msl*
Started at *0745 on 10-22-94*	TOC Elevation: *9.42 feet msl*
Completed at *1010 on 10-22-94*	Depth to Groundwater: *6.54 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.88 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *67 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *57 to 67 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			3	100	.6		OH		
45								Clay: as above with a few sand partings, no wood, marsh clay.	38.1
50							SC		
55									
60								Sand: medium, clayey, varved, increasing with depth to medium, well sorted sand.	

WELL DIAGRAM



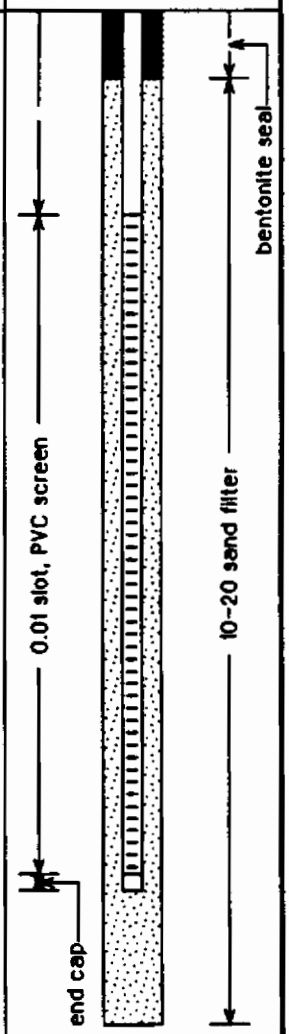
EnSafe/Allen & Hoshall

Monitoring Well NBCH00908D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2322853.67 E, 369212.87 N*
Location: *Charleston, SC*	Surface Elevation: *5.3 feet msl*
Started at *0805 on 10-15-94*	TOC Elevation: *7.85 feet msl*
Completed at *0920 on 10-15-94*	Depth to Groundwater: *0.61 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *8.46 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *53 feet bgs*
Geologist: *B. Doll*	Well Screen: *43 to 53 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			3	100	0				
45							OH	Clay: as above.	
50									
							SC	Clay: gray-green, sandy, loose, with shell hash and oysters.	48.7
			4	100	0		OL	Clay: olive-tan, dry, tight, fine, low-plasticity--Cooper Marl.	47.7
55									49.7
60									

WELL DIAGRAM



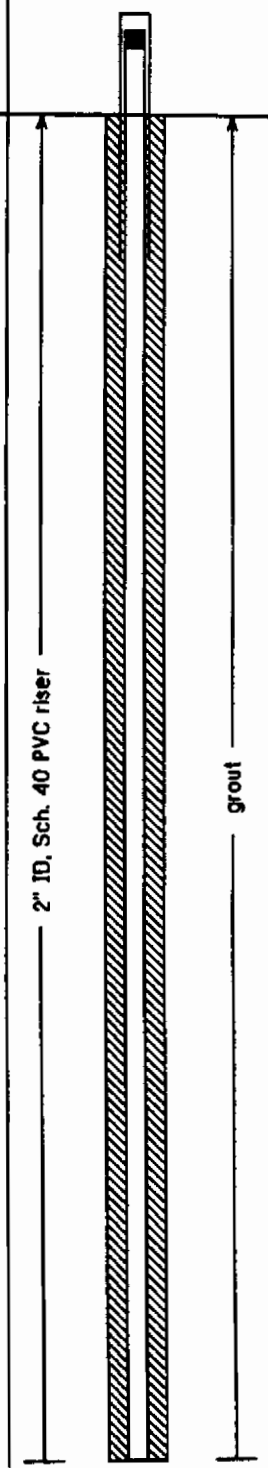
EnSafe/Allen & Hoshall

Monitoring Well NBCH009012D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2321753.73 E, 370734.71 N*
Location: *Charleston, SC*	Surface Elevation: *6.9 feet msl*
Started at *0745 on 10-22-94*	TOC Elevation: *9.42 feet msl*
Completed at *1010 on 10-22-94*	Depth to Groundwater: *6.54 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.88 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *67 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *57 to 67 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							FILL	Poorly sorted fill and gravelly sand.	
5			1	100	0			0% recovery due to plug of plywood.	1.9
10									
15									
20									

WELL DIAGRAM



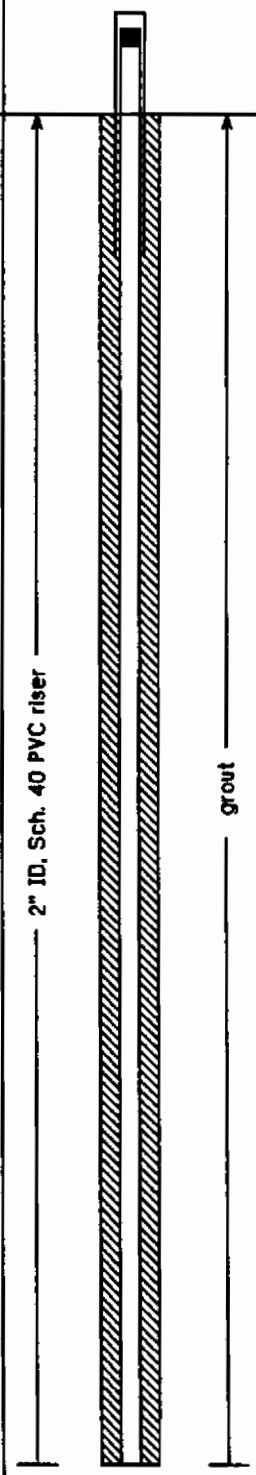
EnSafe/Allen & Hoshall

Monitoring Well NBCH00908D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2322853.67 E, 369212.87 N*
Location: *Charleston, SC*	Surface Elevation: *5.3 feet msl*
Started at *0805 on 10-15-94*	TOC Elevation: *7.85 feet msl*
Completed at *0920 on 10-15-94*	Depth to Groundwater: *0.61 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *8.46 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *53 feet bgs*
Geologist: *B. Doll*	Well Screen: *43 to 53 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X						FILL	Rocky (ROC), clayey, sandy fill material.	2.3
5			1	100	0		SC	Sand: gray-green to tan, loose, wet, clayey, with shell hash.	3
10									5.7
								Clay: gray-green to black, organic, with paleo plant stems.	
15							OH	Clay: as above with oyster bed.	
								Clay: gray-green to black, fat, silty, marsh clay.	
20									

WELL DIAGRAM



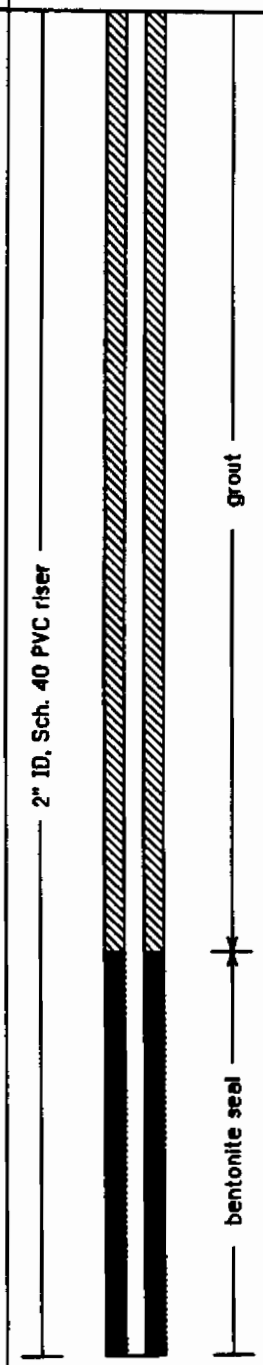
EnSafe/Allen & Hoshall

Monitoring Well NBCH00908D

Project: *Zone H-Naval Base Charleston*	Coordinates: *232285.67 E, 369212.87 N*
Location: *Charleston, SC*	Surface Elevation: *5.3 feet msl*
Started at *0805 on 10-15-94*	TOC Elevation: *7.85 feet msl*
Completed at *0920 on 10-15-94*	Depth to Groundwater: *0.61 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *8.46 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *53 feet bgs*
Geologist: *B. Doll*	Well Screen: *43 to 53 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			2	100	0				
25								Clay: as above with sand and shell hash throughout, marsh clay.	
30							OH	Clay: as above.	
35								1" lens of sand and shell hash (SM/SC).	
								Clay: as above with shell hash.	
40									

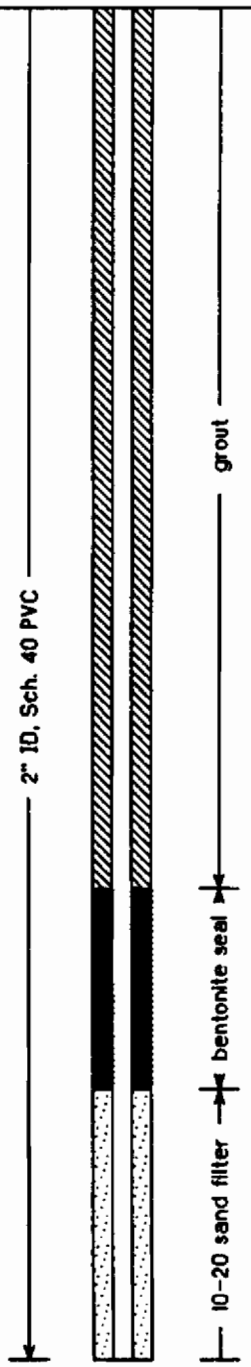
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH00907D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2321453.46 E, 370954.77 N*
Location: *Charleston, SC*	Surface Elevation: *4.8 feet msl*
Started at *1140 on 09-19-94*	TOC Elevation: *7.73 feet msl*
Completed at *1700 on 09-20-94*	Depth to Groundwater: *5.13 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *2.60 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *70 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *60 to 70 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									35.2
							OH SC	Clay: as above with fossil shell hash.	38.2
45			10	100	21				40.2
							OH SC	Clay: as above with 5" of gray, fine to medium sand and shell hash.	43.2
50			11	83	12				44.9
							OH SC	Clay: as above with shell hash and a 6" stringer of gray, fine to medium, sand.	48.2
55			12	92	11				50
							OH SC	Clay: as above with shell hash and 6" stringer of fine to medium gray, wet, sand and shell hash.	53.2
60			13	83	12				54.9

WELL DIAGRAM



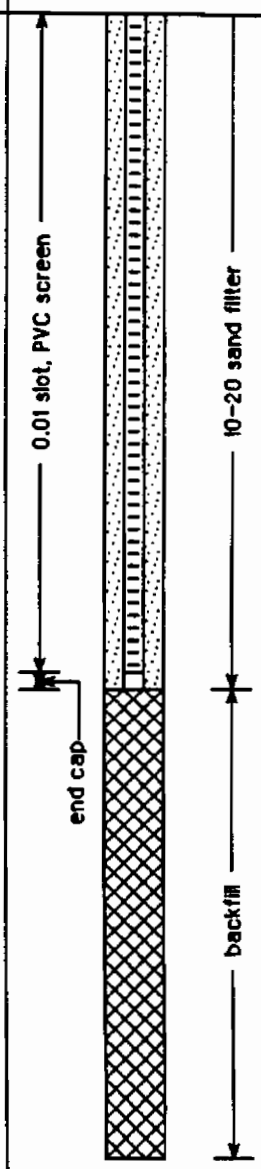
EnSafe/Allen & Hoshall

Monitoring Well NBCH00907D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2321453.46 E, 370954.77 N*
Location: *Charleston, SC*	Surface Elevation: *4.8 feet msl*
Started at *1140 on 09-19-94*	TOC Elevation: *7.73 feet msl*
Completed at *1700 on 09-20-94*	Depth to Groundwater: *5.13 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *2.60 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *70 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *60 to 70 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									58.2
							SC SM	Sand: gray, fine-medium, wet, shell hash.	
65			14	83	15				59.9
									63.2
							SC SM	Sand: as above with shell hash.	
70			15	100	7				65.2
									68.2
							OL	Clay: olive-brown, silty, dry, calcareous--Cooper Marl.	
75			16		0				70.2
80									

WELL DIAGRAM



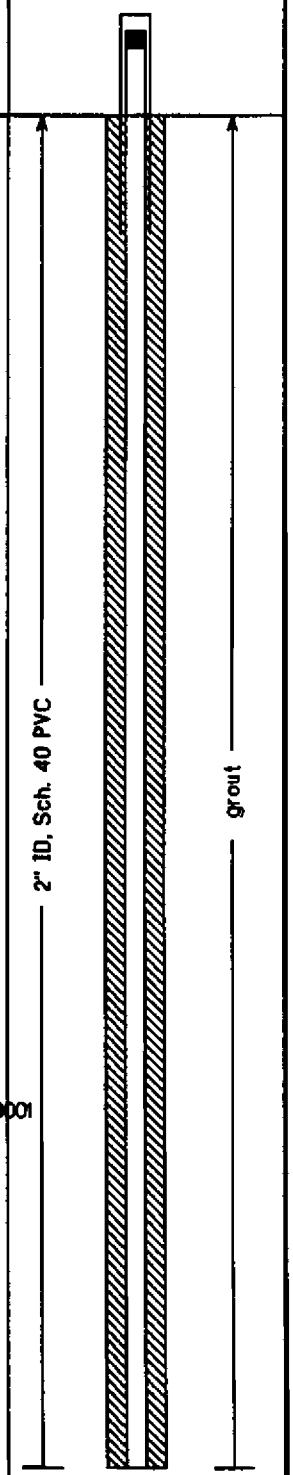
EnSafe/Allen & Hoshall

Monitoring Well NBCH00907D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2321453.46 E, 370954.77 N*
Location: *Charleston, SC*	Surface Elevation: *4.8 feet msl*
Started at *1140 on 09-19-94*	TOC Elevation: *7.73 feet msl*
Completed at *1700 on 09-20-94*	Depth to Groundwater: *5.13 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *2.60 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *70 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *60 to 70 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									4.8
							FILL	Brown-black, clayey sand (fill), rock and asphalt.	
5			1	100	8				2
								Plastic in hole prevented sample recovery.	
10			2	0					5.2
							OH	Clay: gray-green, medium plasticity, soft, fine, wet.	
			3	83	0				6.9
									8.2
							OH	Clay: gray-green, fine, silty, damp, soft, low to medium plasticity, marsh clay.	
15			4	83	0				9.900001
									13.2
							OH	Clay: as above with heavy sulfur odor.	
20			5	83	0				14.9

WELL DIAGRAM



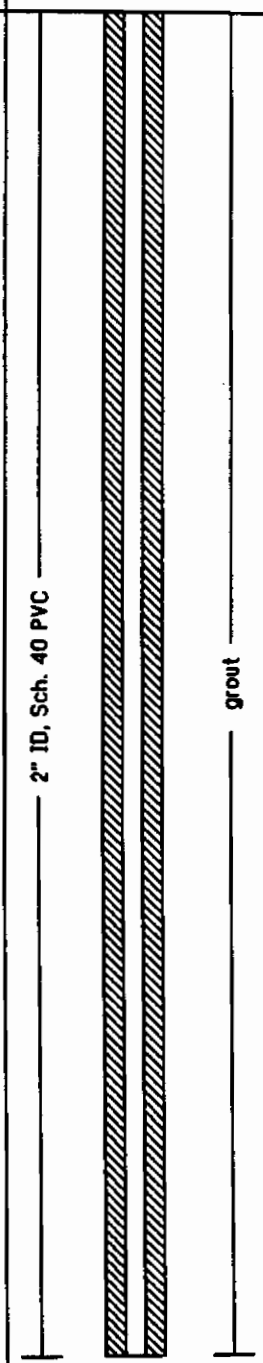
EnSafe/Allen & Hoshall

Monitoring Well NBCH00907D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2321453.46 E, 370954.77 N*
Location: *Charleston, SC*	Surface Elevation: *4.8 feet msl*
Started at *1140 on 09-19-94*	TOC Elevation: *7.73 feet msl*
Completed at *1700 on 09-20-94*	Depth to Groundwater: *5.13 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *2.60 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *70 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *60 to 70 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									18.2
							OH	Clay: as above with heavy sulfur odor.	19.9
25			6	83	0				
									23.2
							OH	Clay: as above.	25.2
30			7	100	27				
									28.2
							OH	Clay: as above.	30.2
35			8	100	8				
									33.2
							OH SC	Clay: as above, with 2" clayey sand stringer with shell hash.	35.2
40			9	100	21				

WELL DIAGRAM



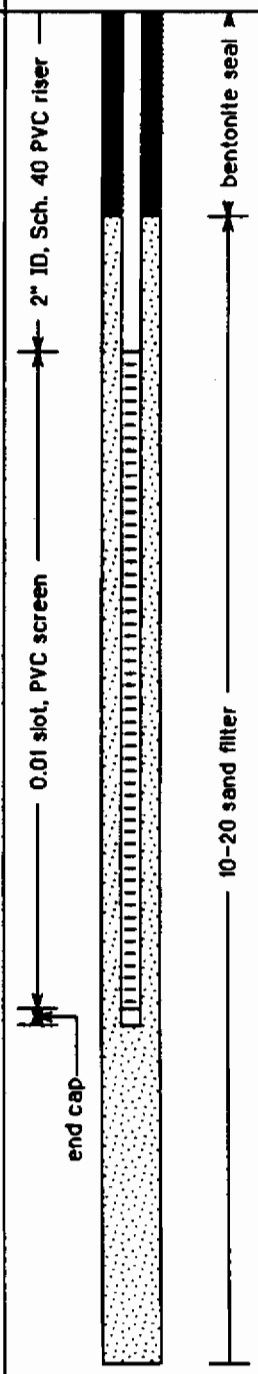
EnSafe/Allen & Hoshall

Monitoring Well NBCH00906D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2321179.29 E, 370382.52 N*
Location: *Charleston, SC*	Surface Elevation: *10.8 feet msl*
Started at *1325 on 10-17-94*	TOC Elevation: *13.20 feet msl*
Completed at *1600 on 10-17-94*	Depth to Groundwater: *9.11 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.09 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *35 feet bgs*
Geologist: *B. Doll*	Well Screen: *25 to 35 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SC		
									1.2
								Clay: green-gray, stiff, with varying sand content, grading to clean, stiff, moist clay at 26'.	
25							CL OL		
30									
									22.2
			3	100			SC	Sand: tan to white, moist, clayey.	
35									24.2
							OL	Cooper Marl.	
40									

WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH00906D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2321179.29 E, 370382.52 N*
Location: *Charleston, SC*	Surface Elevation: *10.8 feet msl*
Started at *1325 on 10-17-94*	TOC Elevation: *13.20 feet msl*
Completed at *1600 on 10-17-94*	Depth to Groundwater: *8.11 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.09 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *35 feet bgs*
Geologist: *B. Doll*	Well Screen: *25 to 35 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
45							OL			10-20 sand filter
50										
			4	100						
55									44.2	
60										

EnSafe/Allen & Hoshall	Monitoring Well NBCH00905D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2323367.32 E, 369716.18 N*
Location: *Charleston, SC*	Surface Elevation: *8.3 feet msl*
Started at *0810 on 10-14-94*	TOC Elevation: *10.83 feet msl*
Completed at *1020 on 10-14-94*	Depth to Groundwater: *0.80 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *10.03 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *60 feet bgs*
Geologist: *B. Dol*	Well Screen: *50 to 60 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
							OL	Clay: olive-brown, tight, dry-- Cooper Marl.	57.7	10-20 sand filter
65			5	100	0				58.7	
70										
75										
80										

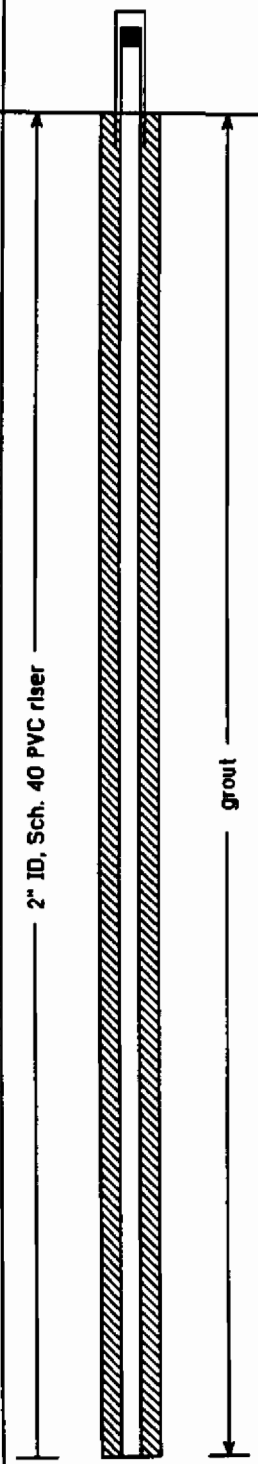
EnSafe/Allen & Hoshall

Monitoring Well NBCH00906D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2321179.29 E, 370382.52 N*
Location: *Charleston, SC*	Surface Elevation: *10.8 feet msl*
Started at *1325 on 10-17-94*	TOC Elevation: *13.20 feet msl*
Completed at *1600 on 10-17-94*	Depth to Groundwater: *9.11 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.09 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *35 feet bgs*
Geologist: *B. Doll*	Well Screen: *25 to 35 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									7.8
			1	100			FILL	Fill material: coarse sand to fine gravel with sand and clay. Only 2 feet recovery – apparent blockage of sampling tube. Heavy oil smell. (Ludlum GM rdg. 0.4 mR/hr)	
5									3.8
10									
			2	20	50				
15							FILL	Saturated fill material: trash, glass, plastic; oily sheen and smell.	4.2
							SC	Clay: gray, sandy, grading to clayey sand, wet.	7.2
20									

WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH00905D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2323367.32 E, 369716.18 N*
Location: *Charleston, SC*	Surface Elevation: *8.3 feet msl*
Started at *0810 on 10-14-94*	TOC Elevation: *10.83 feet msl*
Completed at *1020 on 10-14-94*	Depth to Groundwater: *0.80 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *10.03 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *60 feet bgs*
Geologist: *B. Doll*	Well Screen: *50 to 60 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			2	100	5.5					
25								Clay: gray-green, fine, fat, medium plastic, damp, marsh clay.		
30							OH			2" ID, Sch. 40 PVC riser; grout
35										
40										

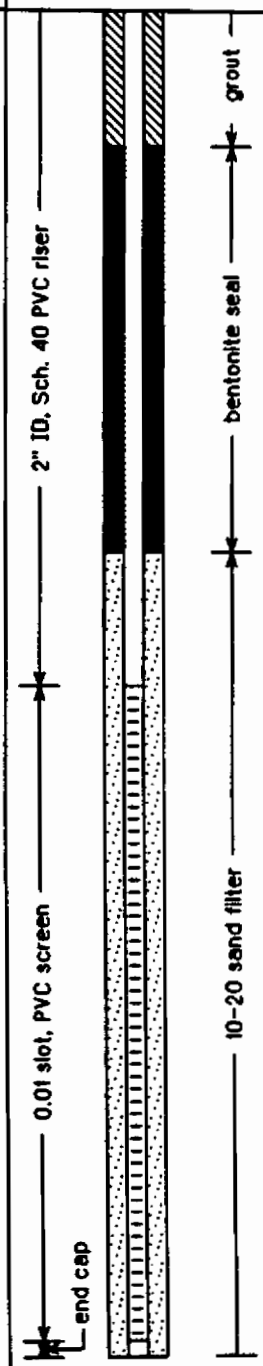
EnSafe/Allen & Hoshall

Monitoring Well NBCH00905D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323367.32 E, 369716.18 N*
Location: *Charleston, SC*	Surface Elevation: *8.3 feet msl*
Started at *0810 on 10-14-94*	TOC Elevation: *10.83 feet msl*
Completed at *1020 on 10-14-94*	Depth to Groundwater: *0.80 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *10.03 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *60 feet bgs*
Geologist: *B. Doll*	Well Screen: *50 to 60 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			3	100	8				
45								Clay: as above with increasing plasticity and sandy shell hash throughout.	
							OH		
50									
			4	100	5				
55								Clay: as above with less sand.	
								Sand: gray-green, clayey, loose, with shell hash.	47.7
							SC		
60							OL		51.7

WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH00904D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2322445.97 E, 368913.30 N*
Location: *Charleston, SC*	Surface Elevation: *4.4 feet msl*
Started at *1520 on 10-18-94*	TOC Elevation: *7.19 feet msl*
Completed at *1645 on 10-18-94*	Depth to Groundwater: *4.61 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.58 feet msl*
Drilling Company: *Alliance*	Total Well Depth: *35 feet bgs*
Geologist: *B. Doll*	Well Screen: *25 to 35 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			4	100	2		OL			10-20 sand filter
45									40.6	
50										
55										
60										

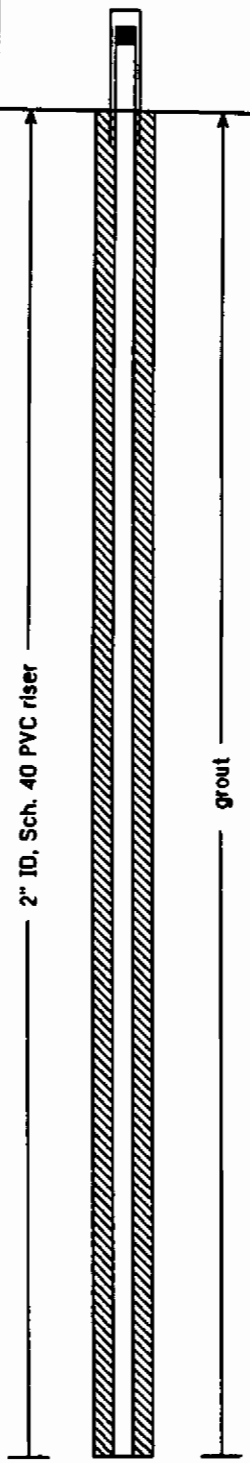
EnSafe/Allen & Hoshall

Monitoring Well NBCH00905D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323367.32 E, 369716.18 N*
Location: *Charleston, SC*	Surface Elevation: *8.3 feet msl*
Started at *0810 on 10-14-94*	TOC Elevation: *10.83 feet msl*
Completed at *1020 on 10-14-94*	Depth to Groundwater: *0.80 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *10.03 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *60 feet bgs*
Geologist: *B. Doll*	Well Screen: *50 to 60 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							FILL	ROC: Brown sandy fill and shells with black to olive, marly clay and concrete.	7.3
5			1	100	0				3.3
					5.1		SC	Sand: olive-tan, loose, clayey, marly.	
10					7		OL OH	Clay: black organic to gray with orange and creamy green mottling, with sand and pieces of furnace lag, tight (fill).	.7
15							OH	Clay: gray-green to black, organic with plant stems, no sand, marsh clay.	4.7
20									

WELL DIAGRAM



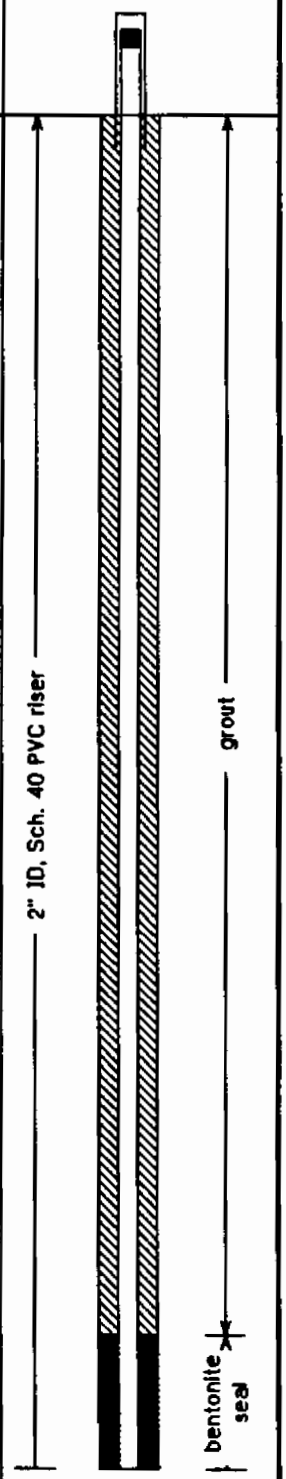
EnSafe/Allen & Hoshall

Monitoring Well NBCH00904D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2322445.97 E, 368913.30 N*
Location: *Charleston, SC*	Surface Elevation: *4.4 feet msl*
Started at *1520 on 10-18-94*	TOC Elevation: *7.19 feet msl*
Completed at *1645 on 10-18-94*	Depth to Groundwater: *4.61 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.58 feet msl*
Drilling Company: *Alliance*	Total Well Depth: *35 feet bgs*
Geologist: *B. Doll*	Well Screen: *25 to 35 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Loose, sandy gravel and concrete fill.	1.4
5			1	100	0		FILL	Same as above.	
								Clay: gray-green, fine, fat, with detrital plant material, marsh clay	3.6
10									
			2	100	0		OH		
15								Clay: gray-green, fine, fat, marsh clay.	
20									

WELL DIAGRAM



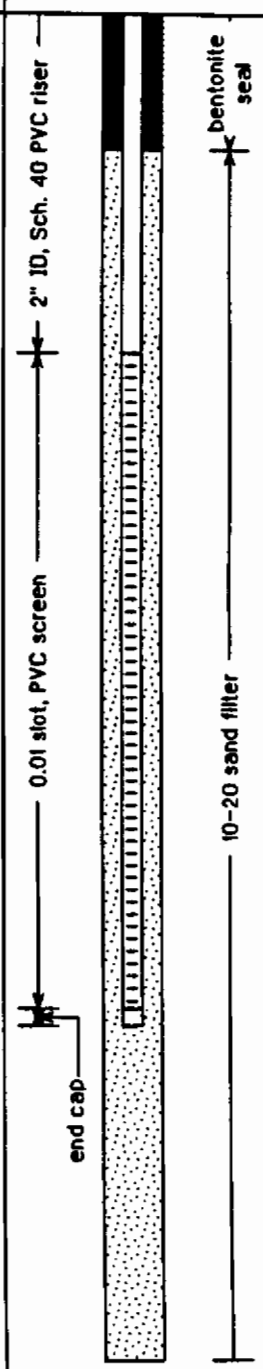
EnSafe/Allen & Hoshall

Monitoring Well NBCH00904D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2322445.97 E, 368913.30 N*
Location: *Charleston, SC*	Surface Elevation: *4.4 feet msl*
Started at *1520 on 10-18-94*	TOC Elevation: *7.19 feet msl*
Completed at *1645 on 10-18-94*	Depth to Groundwater: *4.61 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.58 feet msl*
Drilling Company: *Alliance*	Total Well Depth: *35 feet bgs*
Geologist: *B. Doll*	Well Screen: *25 to 35 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
25							OH		
								Sand: gray-brown-black, clayey.	21.6
30							SC	Sand: gray-green to green, fine, clayey.	
			3	100	4				29.6
35							OL	Clay: olive-brown, fine, loose, dry-- Cooper Marl. Clay: as above--Cooper Marl.	
40									

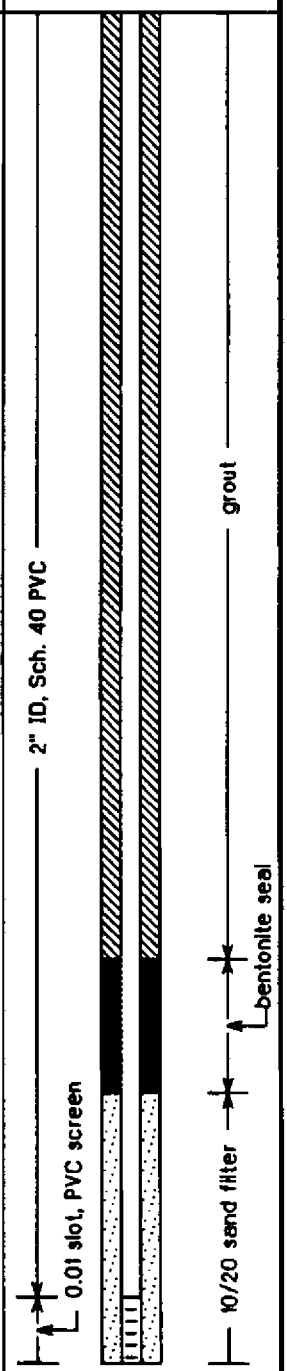
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH00903D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2322115.0019 E, 370349.0038 N*
Location: *Charleston, SC*	Surface Elevation: *7.4 feet msl*
Started at *0800 on 08-26-94*	TOC Elevation: *9.88 feet msl*
Completed at *1115 on 08-26-94*	Depth to Groundwater: *0.76 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *9.12 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *49 feet bgs*
Geologist: *B. Dotson*	Well Screen: *39 to 49 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							ML	Clayey, fine sand, tan, saturated.	15.6
							CL	Mostly clay as above with small amounts of fine sand and silt. Changing to gray at bottom of spoon.	18.1
25			5	75					17.1
							CL	Silty clay, light brown to dark brown, saturated. Some wood chips. Some fine sand at top of spoon.	20.6
30			6	75					22.1
							CL	Silty clay, dark gray, saturated.	25.6
35			7	100					27.6
							CL	Same as above.	30.6
40			8	100					32.6

WELL DIAGRAM



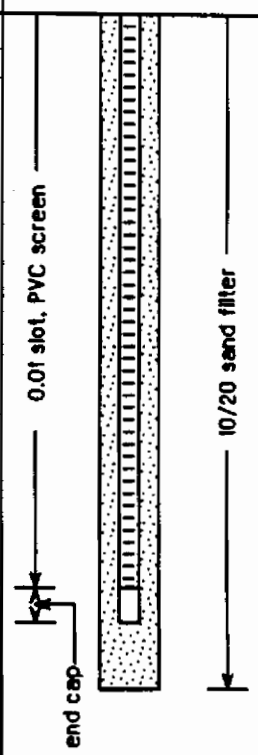
EnSafe/Allen & Hoshall

Monitoring Well NBCH00903D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2322115.0019 E, 370349.0038 N*
Location: *Charleston, SC*	Surface Elevation: *7.4 feet msl*
Started at *0800 on 08-26-94*	TOC Elevation: *9.88 feet msl*
Completed at *1115 on 08-26-94*	Depth to Groundwater: *0.76 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *9.12 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *49 feet bgs*
Geologist: *B. Dotson*	Well Screen: *39 to 49 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									32.6
							CL	Same as above.	35.6
45			9	100					37.6
							CL	Same as above with few shell fragments. Cooper Marl, shell fragments, dense, dry, tan clay, chalky.	40.6
50			10	100					42.6
55									
60									

WELL DIAGRAM



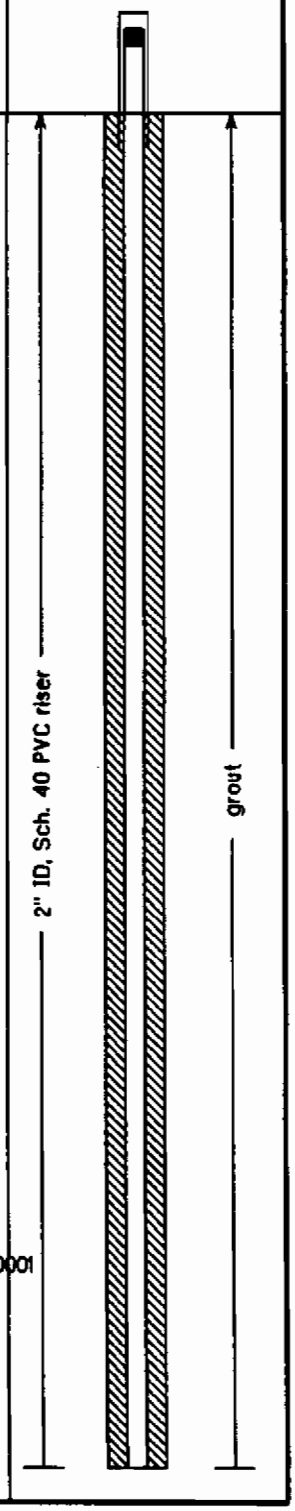
EnSafe/Allen & Hoshall

Monitoring Well NBCH00902D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2322906.28 E, 370757.35 N*
Location: *Charleston, SC*	Surface Elevation: *8.1 feet msl*
Started at *1010 on 10-10-94*	TOC Elevation: *10.80 feet msl*
Completed at *1245 on 10-10-94*	Depth to Groundwater: *5.04 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.76 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *54 feet bgs*
Geologist: *B. Doll*	Well Screen: *44 to 54 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0		SC	Sand: green-black, clayey, sandy fill with some shells.	5.1
5							SM SC	Sand: gray-green, fine to medium, wet, with shell and clay lenses.	3.1
							OH	Clay: green, fat, fine, marsh clay.	2.1
							SM	Sand: tan-brown, very fine.	.1
10							OH	Clay: gray-green with tan mottling, fine, fat, damp to dry with root material at 12 feet, marsh clay.	-.9
			2	90					
15							SC	Clay: gray-green, sandy.	-6.9
							GP	Sand: fine to coarse with pebbles.	-7.4
							OH	Clay: gray-green, sandy, marsh clay.	-7.9
							CL	Clay: olive-tan, loose, "marly" looking, sandy.	-8.900001
20									

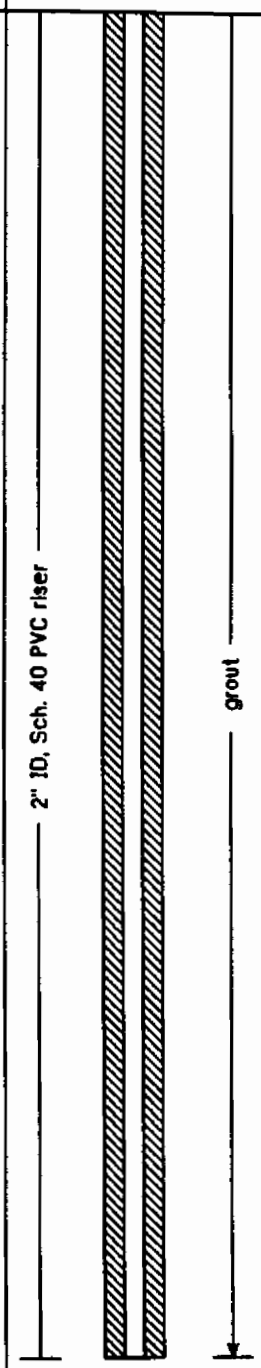
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH00902D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2322906.28 E, 370757.35 N*
Location: *Charleston, SC*	Surface Elevation: *8.1 feet msl*
Started at *1010 on 10-10-94*	TOC Elevation: *10.80 feet msl*
Completed at *1245 on 10-10-94*	Depth to Groundwater: *5.04 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.76 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *54 feet bgs*
Geologist: *B. Doll*	Well Screen: *44 to 54 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							CL		
								Clay: gray-green, fine, fat, damp marsh clay.	14.9
			3	100					
25								Clay: gray-green, fine, fat, damp to dry, silty marsh clay.	
30							OH		
			4	100					
35								Clay: as above with some shell hash throughout.	
40									

WELL DIAGRAM



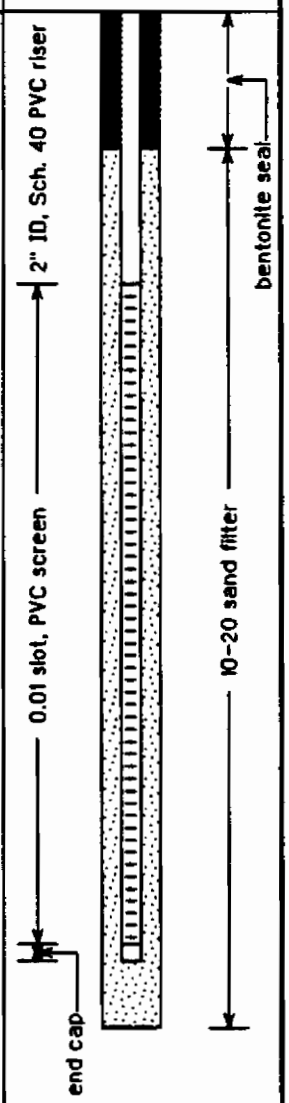
EnSafe/Allen & Hoshall

Monitoring Well NBCH00902D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2322906.28 E, 370757.35 N*
Location: *Charleston, SC*	Surface Elevation: *8.1 feet msl*
Started at *1010 on 10-10-94*	TOC Elevation: *10.80 feet msl*
Completed at *1245 on 10-10-94*	Depth to Groundwater: *5.04 feet TOC* Measured: *6-20-95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.76 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *54 feet bgs*
Geologist: *B. Doll*	Well Screen: *44 to 54 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			5	100			OH		
45									36.9
							OH/SC	Clay: gray-green, fine, fat, marsh clay grading to fine, clayey sand shell hash.	
50								Same as above.	
			6	100					45.9
							OL	Clay: olive-brown, silty, tight, dry, fine, fizzes with HCl--"Cooper Marl."	
55									46.9
60									

WELL DIAGRAM



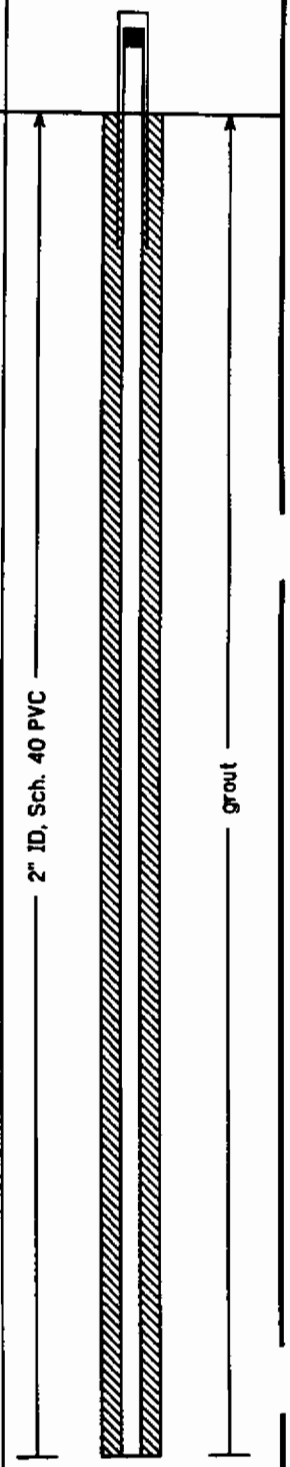
EnSafe/Allen & Hoshall

Monitoring Well NBCH00903D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2322115.0019 E, 370349.0038 N*
Location: *Charleston, SC*	Surface Elevation: *7.4 feet msl*
Started at *0800 on 08-26-94*	TOC Elevation: *9.88 feet msl*
Completed at *1115 on 08-26-94*	Depth to Groundwater: *0.76 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *9.12 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *49 feet bgs*
Geologist: *B. Dotson*	Well Screen: *39 to 49 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							CL	Auger cuttings 0-3'-- Clay, some poorly sorted sand, moist, no trash.	
							SM	Black (ash) sand, saturated.	4.4 / 3.9
5			1	25				Refusal at 6 feet bgs. Moved 2 feet and redrilled. Refusal at 4 feet bgs. Moved to other side of existing well (5th location).	
							CL	Ash with clay. Saturated landfill material still encountered below 10 feet.	.8 / 1.3
10			2	33					
							ML	Clayey silt, some grass, dark gray, saturated.	5.8
15			3	100					7.8
							CL	Silty clay, dark gray to black, saturated.	10.6 / 12.1
20			4	75					

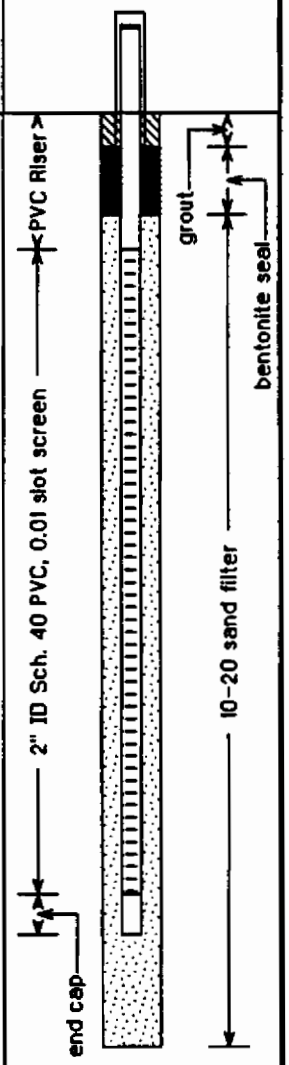
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH009019
Project: *ZONE H – Naval Base Charleston*	Coordinates: *2322211.57 E, 370866.00 N*
Location: *Charleston, SC*	Surface Elevation: *5.7 feet msl*
Started at *1430 on 4-11-95*	TOC Elevation: *8.46 feet msl*
Completed at *1655 on 4-11-95*	Depth to Groundwater: *4.82 feet TOC* Measured: *4-17-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.64 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12.1 feet bgs*
Geologist: *Peter Bayley*	Well Screen: *2 to 12 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
5							SP/SM	No split spoons taken. Logged from auger cuttings. 0-3': Sand: brown, very fine to fine with trace of medium, some silt, trace to some clay. 3-4': Sand: dark gray and black, silty, wet, some cobbles. 4-13': Sand: brown, very fine to fine with trace of medium, some silt trace to some clay; at 6' 3/16" thick white plastic sheeting.	
10									
15									7.3
20									

WELL DIAGRAM



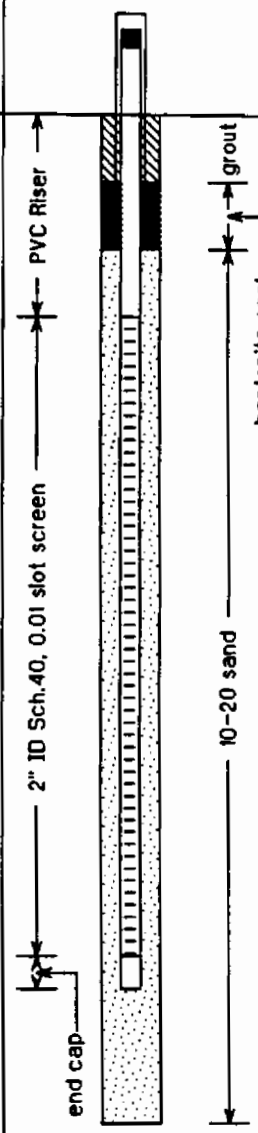
EnSafe/Allen & Hoshall

Monitoring Well NBCH009121

Project: *Zone H–Naval Base Charleston*	Coordinates: *2321674.06 E, 36985175 N*
Location: *Charleston, SC*	Surface Elevation: *6.7 feet msl*
Started at *1405 on 10–24–94*	TOC Elevation: *9.15 feet msl*
Completed at *1610 on 10–24–94*	Depth to Groundwater: *3.68 feet TOC* Measured: *12–9–94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.47 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3.0 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
5				0	0		GP	Gravel: loose with sandy fill material, plastic and steel shavings in auger cuttings; augers have oily petroleum sheen, strong odor.	1.7 / 1.4
			1	16	0				
							OH	Clay: green and black with silt and pebbles and sandy fill material, oily.	1.3
10			2	100	0.8				3.3
							OH	Clay: green and black "marsh clay".	6.3
							SC	Clay: green with fine sand.	7.3 / 7.8
15			3	66	0				
20									

WELL DIAGRAM



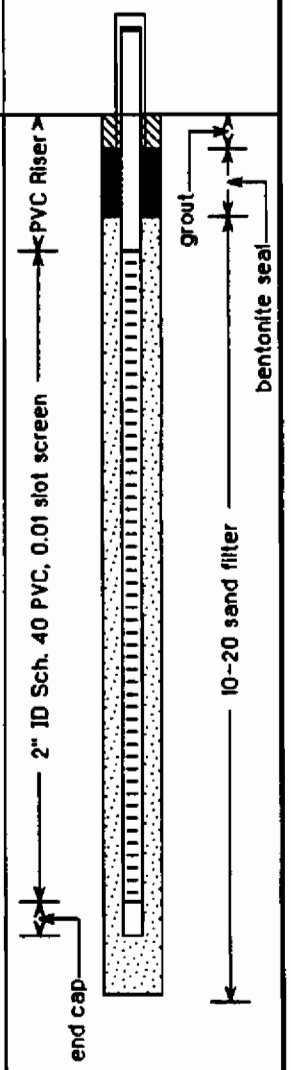
EnSafe/Allen & Hoshall

Monitoring Well NBCH009017

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2321313.77 E, 371324.39 N*
Location: *Charleston, SC*	Surface Elevation: *5.5 feet msl*
Started at *1755 on 4-11-95*	TOC Elevation: *8.39 feet msl*
Completed at *1900 on 4-11-95*	Depth to Groundwater: *5.16 feet TOC* Measured: *4-14-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.23 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12.1 feet bgs*
Geologist: *Peter Bayley*	Well Screen: *2 to 12 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							CL	*Logged from auger cuttings due to buried debris. No spoons taken.*	
								Clay: black, silty, medium plasticity.	
							SM	Sand: brown, very fine, some silt, moist, cobbles at 2.5'.	
								Clay: black, silty, wet, with wood chunks.	2
5			1	66	0				
							CL	Strong diesel petroleum odor.	
10			2	92	0				
									7.6
15			3	100	0				
20									

WELL DIAGRAM



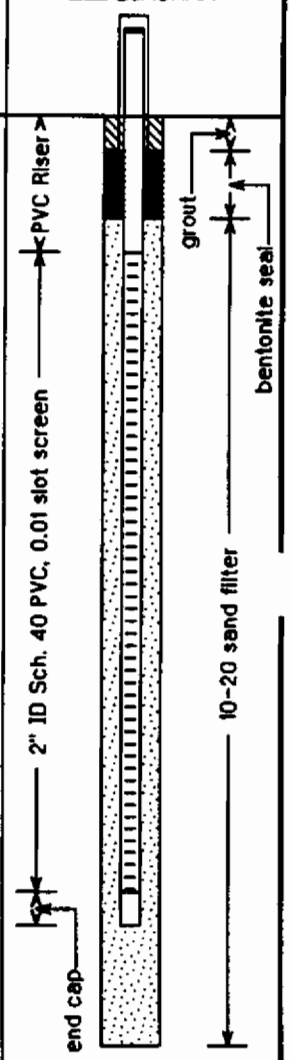
EnSafe/Allen & Hoshall

Monitoring Well NBCH009018

Project: *ZONE H - Naval Base Charleston*	Coordinates: *2321757.74 E, 371124.59 N*
Location: *Charleston, SC*	Surface Elevation: *5.0 feet msl*
Started at *1230 on 4-11-95*	TOC Elevation: *7.96 feet msl*
Completed at *1330 on 4-11-95*	Depth to Groundwater: *4.54 feet TOC* Measured: *4-14-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.42 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *Peter Bayley*	Well Screen: *2 to 12 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Posthole to 2' bgs. Refusal: asphalt and concrete blocks	
5								No split spoons taken due to debris and trash encountered during drilling. Augers hung up frequently during drilling.	
								From cuttings: most of soil is black to gray silty clay, wet and soupy with concrete, asphalt, and other debris.	
10									
15									
20									

WELL DIAGRAM



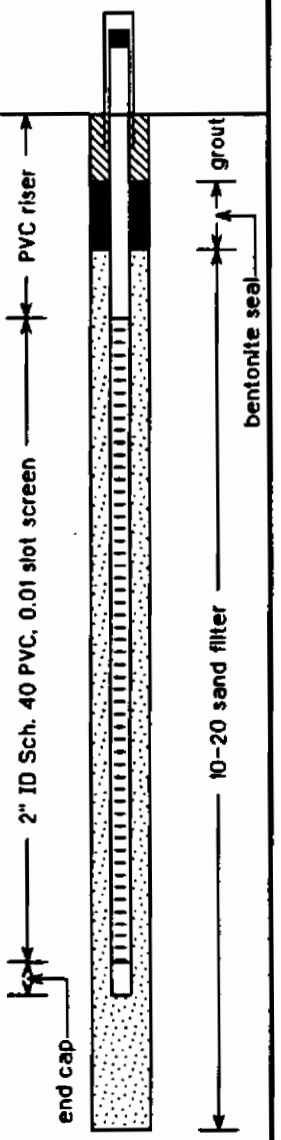
EnSafe/Allen & Hoshall

Monitoring Well NBCH009015

Project: *Zone H-Naval Base Charleston*	Coordinates: *232090.36 E, 371010.50 N*
Location: *Charleston, SC*	Surface Elevation: *8.2 feet msl*
Started at *0910 on 10-26-94*	TOC Elevation: *10.72 feet msl*
Completed at *1045 on 10-26-94*	Depth to Groundwater: *feet TOC* Measured:
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SC	Sand: brown to red, clayey with black grit fill.	5.2
									4.2
5			1	50	5.7				
							SC	Sand: brown to black, sandy, clayey fill with small rocks.	2
									8
							CL	Clay: gray-green, fine, sandy, with 1" wood pieces at 9'.	
10			2	100	5.7				18
							SC	Sand: brown, clayey fill.	4.8
									5.3
							OH	Clay: gray-green, fine, silty, with lumps of fine gray sand and heavy sulfur odor.	
15			3	100	10				6.8
20									

WELL DIAGRAM



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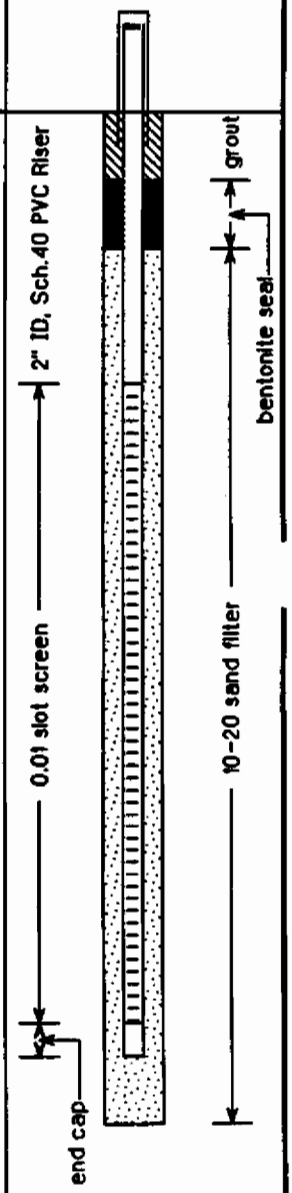
Monitoring Well NBCH009016

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2320904.03 E, 371326.23 N*
Location: *Charleston, SC*	Surface Elevation: *5.9 feet msl*
Started at *1130 on 4-5-95*	TOC Elevation: *8.44 feet msl*
Completed at *1330 on 4-5-95*	Depth to Groundwater: *5.01 feet TOC* Measured: *4-13-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.43 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14 feet bgs*
Geologist: *John Hardy*	Well Screen: *4 to 13.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								2" of wood chips.	
5			1	8	0				
								No recovery.	
10			2	0	0			No recovery.	
			3	0	0				
								No recovery.	
15			4	0	0			Cuttings were trash, rope, metal, wire, plastic, with some muddy brown gravel. No recovery on any split spoons due to the amount of trash.	
20									

WELL DIAGRAM



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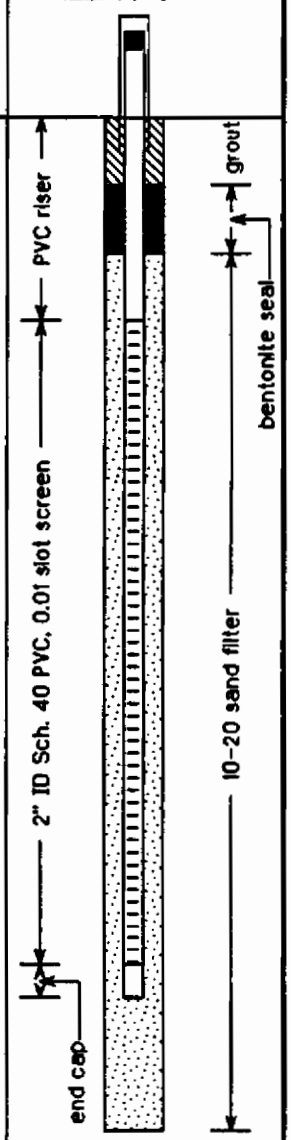
Monitoring Well NBCH009013

Project: *Zone H-Naval Base Charleston*	Coordinates: *2321561.0991 E, 370461.3381 N*
Location: *Charleston, SC*	Surface Elevation: *6.5 feet msl*
Started at *1100 on 10-25-94*	TOC Elevation: *8.99 feet msl*
Completed at *1230 on 10-25-94*	Depth to Groundwater: *feet TOC* Measured:
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									3.5
							SC/CL	Fill: black, clayey, sandy with coarse, black grit and possible sand blast grit.	
5			1	100	0				1.5
									-1.5
							CL	Brownish-black, clayey sand and grit.	
10			2	100	0				-3.5
15									
20									

WELL DIAGRAM



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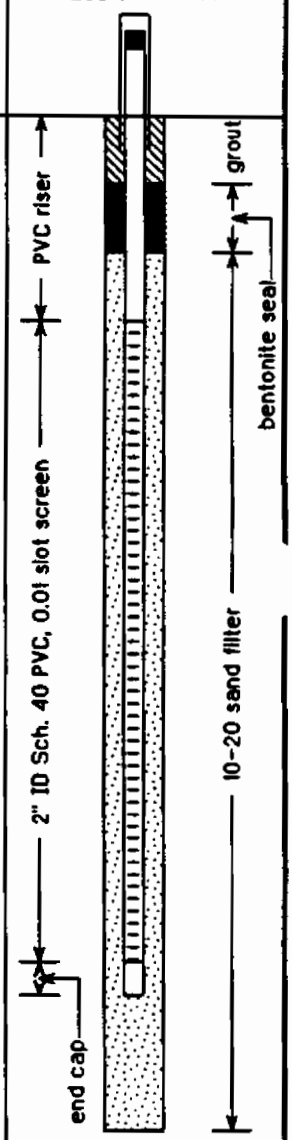
Monitoring Well NBCH009014

Project: *Zone H-Naval Base Charleston*	Coordinates: *2321357.47 E, 370786.13 N*
Location: *Charleston, SC*	Surface Elevation: *6.4 feet msl*
Started at *1350 on 10-25-94*	TOC Elevation: *8.84 feet msl*
Completed at *1600 on 10-25-94*	Depth to Groundwater: *feet TOC* Measured:
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									3.4
							CL	Clay: gray to black, sandy fill with wood.	
5			1	100	0				1.4
								No recovery. Cuttings reveal concrete and landfill debris.	
10			2	0					
									6.6
							SC	Sand: black, clayey fill with rocks and styrofoam.	
15			3	100	0				8.6
20									

WELL DIAGRAM



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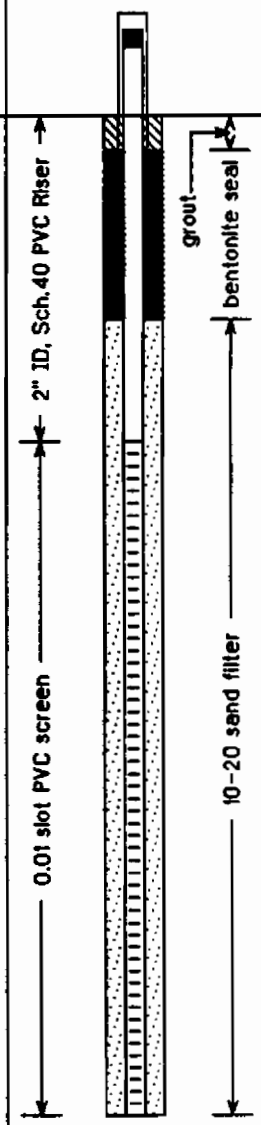
Monitoring Well NBCH009011

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2323257.67 E, 370342.34 N*
Location: *Charleston, SC*	Surface Elevation: *10.7 feet msl*
Started at *1115 on 10-5-93*	TOC Elevation: *13.77 feet msl*
Completed at *1215 on 10-5-93*	Depth to Groundwater: *7.53 feet TOC* Measured: *unknown*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *6.24 feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *14.8 feet bgs*
Geologist: *Laurel Kaiser*	Well Screen: *4.8 to 14.8 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							FILL	Surface conditions: fill material	
5								At 5', cuttings are dark gray and moist, increasing in clay content.	5.7
							CL	Clay: dark gray with fine sand, moist, no odor, saturated, plastic.	2.7
10			1	100	0				7
							SC	Clay: as above, possibly slough.	2.3 2.5
15			2	4	0				
20									

WELL DIAGRAM



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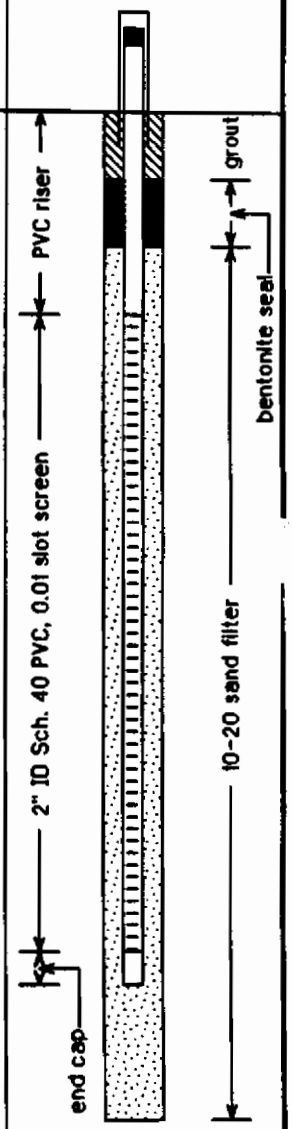
Monitoring Well NBCH009012

Project: *Zone H-Naval Base Charleston*	Coordinates: *2321752.3909 E, 370727.7115 N*
Location: *Charleston, SC*	Surface Elevation: *7.1 feet msl*
Started at *0820 on 10-25-94*	TOC Elevation: *9.62 feet msl*
Completed at *0930 on 10-25-94*	Depth to Groundwater: *5.62 feet TOC* Measured: *6-20-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.00 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									4.1
							SC SM	Fill: tan, sandy, clayey with pebbles and fine, black, sandy, silty fill.	
5			1	100	0				2.1
									.9
							SC	Fill: black, sandy, clayey, wet, with petroleum odor.	
10			2	100	2.5				-2.9
									-5.9
							SP	Fill: sandy and woody.	-6.2
15			3	17	0				
20									

WELL DIAGRAM



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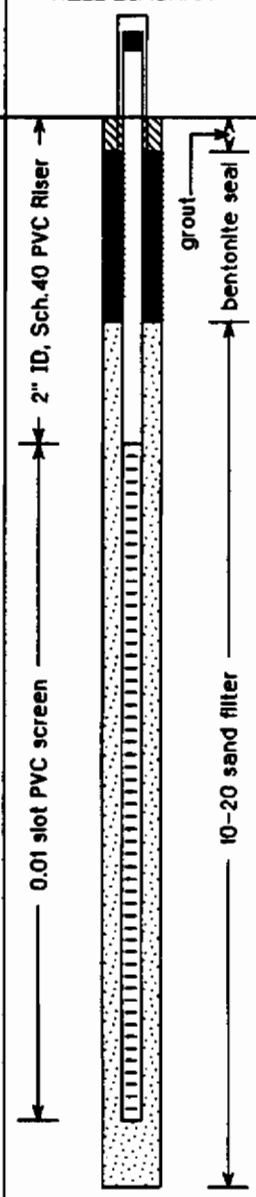
Monitoring Well NBCH009009

Project: *ZONE H - Naval Base Charleston*	Coordinates: *2322352.74 E, 370304.79 N*
Location: *Charleston, SC*	Surface Elevation: *11.3 feet msl*
Started at *1320 on 10-4-93*	TOC Elevation: *14.27 feet msl*
Completed at *1500 on 10-4-93*	Depth to Groundwater: *8.85 feet TOC* Measured:
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.55 feet msl*
Drilling Company: *Environmental Technology Engineering*	Total Well Depth: *14.8 feet bgs*
Geologist: *Laurel Kaiser*	Well Screen: *4.8 to 14.8 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							FILL	Surface conditions: Slightly grassy with brown clayey sand. *Logged from auger cuttings.* Fill material.	
									8.3
							ML	Silt: black, moist, and balling, clayey.	
5									
10			1	5	50				
15			2	0	0				
									4.5
20									

WELL DIAGRAM



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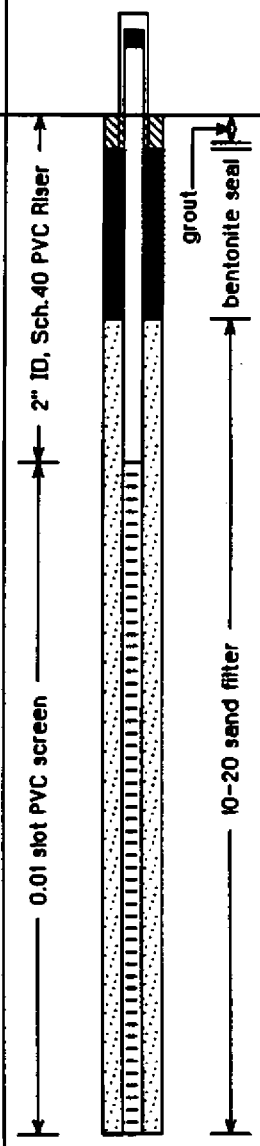
Monitoring Well NBCH009010

Project: *ZONE H - Naval Base Charleston*	Coordinates: *2322720.28 E, 369818.85 N*
Location: *Charleston, SC*	Surface Elevation: *8.2 feet msl*
Started at *0750 on 10-5-93*	TOC Elevation: *11.25 feet msl*
Completed at *0805 on 10-5-93*	Depth to Groundwater: *5.60 feet TOC* Measured: *unknown*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.65 feet msl*
Drilling Company: *Environmental Technology Engineering*	Total Well Depth: *15.1 feet bgs*
Geologist: *Laurel Kaiser*	Well Screen: *5.1 to 15.1 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							FILL	Surface conditions: Slightly grassy, gray/brown fine sand, dry, loose. Auger cuttings 0-7'-- Sand: gray, fine, clayey-- fill material.	
5									
								Difficult drilling at 7' (major obstacles).	1.2
							ML	Sand/silt/clay mixture: dark gray, with roots, saturated.	2 / 3
10			1	25	2				
							SM	Sand/silt/clay mixture: as above with some plastic refuse.	4.8 / 5.1
15			2	22	0				
20									

WELL DIAGRAM



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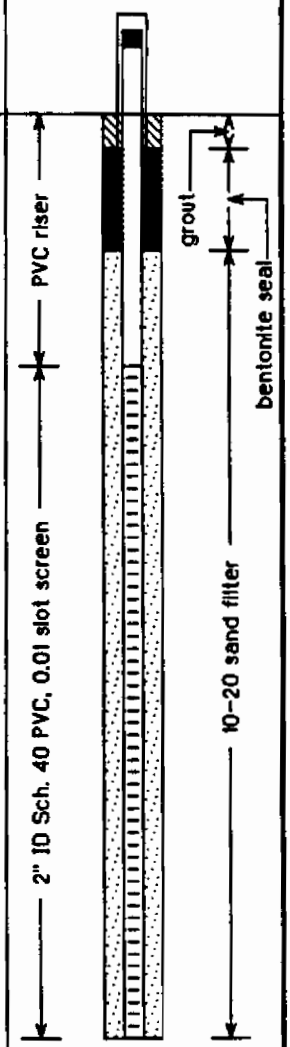
Monitoring Well NBCH009007

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2321458.75 E, 370945.89 N*
Location: *Charleston, SC*	Surface Elevation: *5.1 feet msl*
Started at *1430 on 9-29-93*	TOC Elevation: *7.91 feet msl*
Completed at *1530 on 9-29-93*	Depth to Groundwater: *4.70 feet TOC* Measured: *10-12-93*
Drilling Method: *4.25" ID (7.5 OD) HSA with split spoon*	Groundwater Elevation: *3.21 feet msl*
Drilling Company: *Environmental Technology Engineering*	Total Well Depth: *13.7 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *3.7 to 13.7 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Gravel and sand. Hand auger sample at 1' had a PID of 20+.	
							SC	Sand: black, saturated, on tip of spoon; refusal after 3.5'.	2.1 1.9
5			1	66	2			Near refusal at 5' bgs. Trash below 5'.	
							SC	Sand: brown to black, silty, with some clay; plastic shavings in bottom of spoon.	-2.9 -3.9
10			2	50	20				
							ML CL	Clay: black to brown, silty, saturated, with grass stems.	-7.9 -8.900001
15			3	50	0				
20									

WELL DIAGRAM



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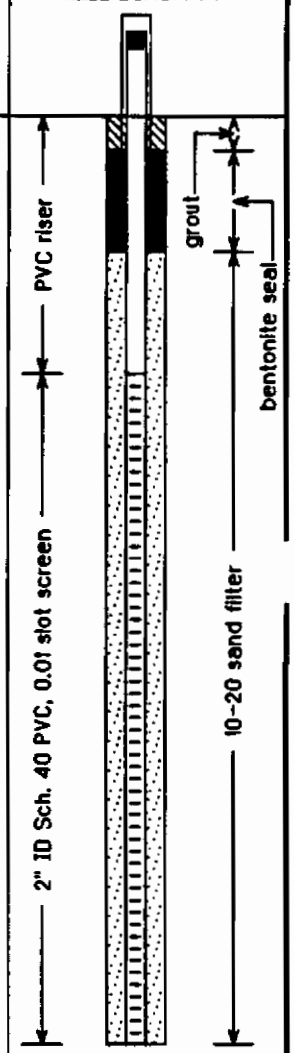
Monitoring Well NBCH009008

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2322860.49 E, 369251.46 N*
Location: *Charleston, SC*	Surface Elevation: *5.6 feet msl*
Started at *1000 on 10-4-93*	TOC Elevation: *8.44 feet msl*
Completed at *1025 on 10-4-93*	Depth to Groundwater: *4.50 feet TOC* Measured: *10-12-93*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.94 feet msl*
Drilling Company: *ETE*	Total Well Depth: *13.8 feet bgs*
Geologist: *Laurel Kaiser*	Well Screen: *3.8 to 13.8 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Slightly grassy, swampy.	
								At 2', cuttings are dark gray fine sand, slightly clayey, moist to wet	
							SM	Sand: brown, fine, not cohesive.	2.6
							CL	Clay: gray, minor sand and silt, moist to wet.	1.6
5			1	100	2				.6
							CL SC	Clay: gray to green, very sandy, mixed zones of fine to medium gray sand and green clay (very plastic and cohesive).	2.4
									3.6
10			2	62	0				
							CL SC	Clay: as above.	7.4
									7.8
15			3	5	0				
20									

WELL DIAGRAM



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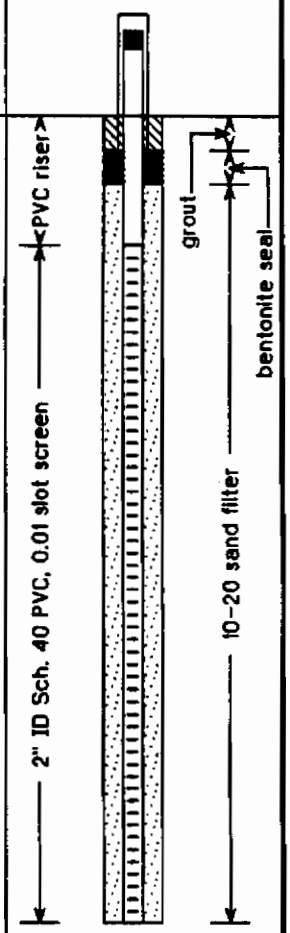
Monitoring Well NBCH009003

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2322111.38 E, 37034145 N*
Location: *Charleston, SC*	Surface Elevation: *7.6 feet msl*
Started at *1400 on 9-27-93*	TOC Elevation: *10.42 feet msl*
Completed at *1500 on 9-27-93*	Depth to Groundwater: *5.38 feet TOC* Measured: *10-12-93*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.04 feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *11.85 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *1.9 to 11.9 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Black gravel and grit.	
								Refusal at 3' bgs. Bottom of spoon saturated. No analysis sample taken.	
5			1	0	10				
							SM	Silt: black, sandy, with rubber and wood debris.	4
									14
10			2	50	10				
								Springs and metal shavings on augers when removed	
15									
20									

WELL DIAGRAM



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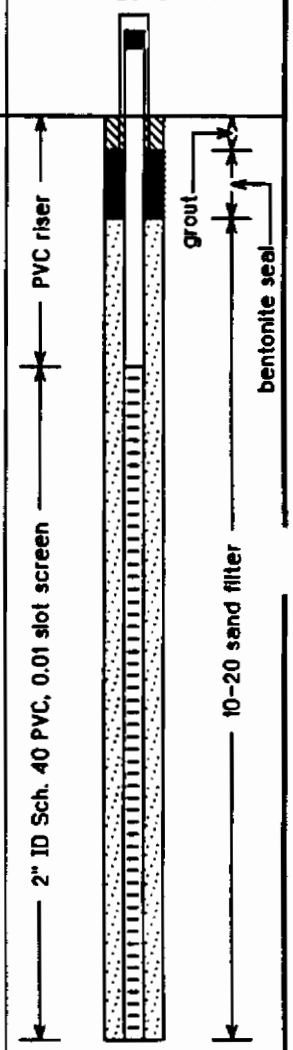
Monitoring Well NBCH009004

Project: *ZONE H – Naval Base Charleston*	Coordinates: *232245.25 E, 368919.48 N*
Location: *Charleston, SC*	Surface Elevation: *4.0 feet msl*
Started at *1305 on 9-28-93*	TOC Elevation: *7.1 feet msl*
Completed at *1400 on 9-28-93*	Depth to Groundwater: *4.26 feet TOC* Measured: *10-12-93*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *2.84 feet msl*
Drilling Company: *Environmental Technology Engineering*	Total Well Depth: *13.7 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *3.7 to 13.7 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Concrete and metal debris on surface around hole.	
							GM	Gravel: gray to black, sandy, silty, saturated; refusal at 0.5'.	1 / 5
5			1	25	0				
							CL	Clay: black, silty, with grass and leaves, saturated.	4
10			2	100	25				8
							CL	Clay: as above.	9
15			3	100	0				11
20									

WELL DIAGRAM



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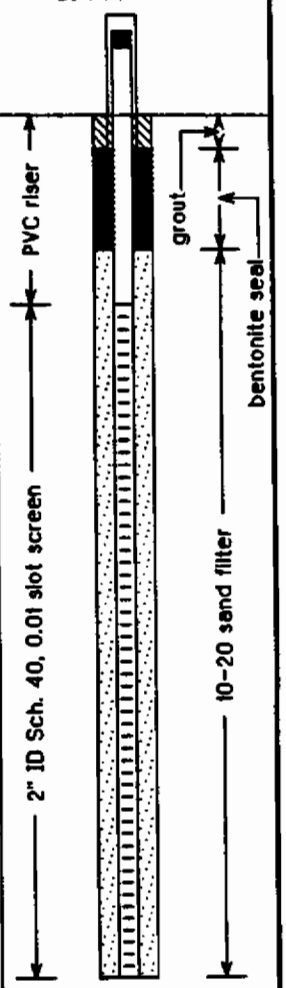
Monitoring Well NBCH009005

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2323330.71 E, 369705.58 N*
Location: *Charleston, SC*	Surface Elevation: *6.2 feet msl*
Started at *1545 on 9-28-93*	TOC Elevation: *9.16 feet msl*
Completed at *1645 on 9-28-93*	Depth to Groundwater: *3.80 feet TOC* Measured: *10-12-93*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.36 feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *12.8 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *2.8 to 12.8 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									3.2
							SM	Collected with hand auger: Light brown fine sand with silt, very wet.	2.2
5			1	0	0				
									1.8
							SC	Sand: gray, fine, clayey, saturated.	2.8
10			2	50	1				
									6.8
							SC	Sand: gray to brown clayey sand and leaves, saturated.	7.8
							ML	Silt: black, clayey, saturated.	8.8
15			3	100	0				
20									

WELL DIAGRAM



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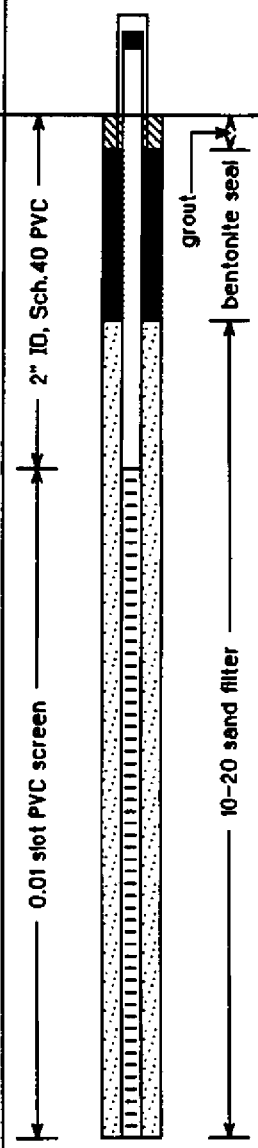
Monitoring Well NBCH009006

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2321173.43 E, 370378.76 N*
Location: *Charleston, SC*	Surface Elevation: *9.8 feet msl*
Started at *1020 on 9-29-93*	TOC Elevation: *12.61 feet msl*
Completed at *1120 on 9-29-93*	Depth to Groundwater: *8.77 feet TOC* Measured: *10-12-93*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.84 feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *15.2 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *5.2 to 15.2 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Fly ash.	
							GM	Sample attempted but fly ash in bottom of spoon. Encountered saturated material just below fly ash.	8.8 8.6
5			1	33	0				
							GM	Gravel, plastic, ceramic, sand, black, strong oily odor. Saturated.	1.8 1.3
10			2	25	10				
								Spoon empty (trap used). Water has oily sheen. About 6' of water in hole.	
15			3	0	0				
20									

WELL DIAGRAM



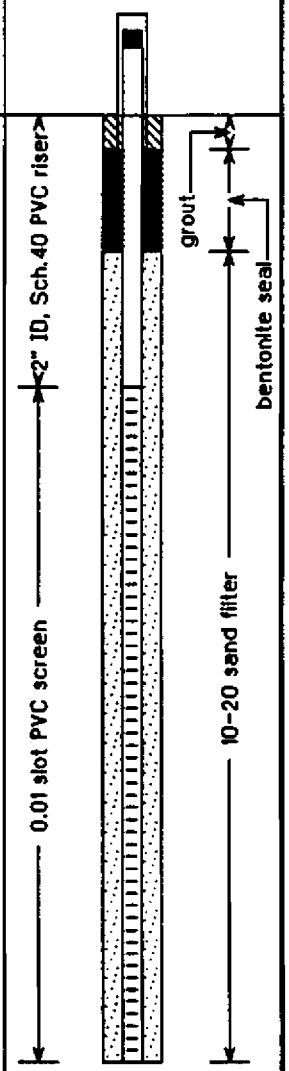
EnSafe/Allen & Hoshall

Monitoring Well NBCH009001

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2321584.41 E, 369398.00 N*
Location: *Charleston, SC*	Surface Elevation: *6.9 feet msl*
Started at *0900 on 9-24-93*	TOC Elevation: *9.68 feet msl*
Completed at *1000 on 9-24-93*	Depth to Groundwater: *6.13 feet TOC* Measured: *10-12-93*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.55 feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *14.0 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *4.0 to 14.0 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SC	Sand: brown, clayey, saturated.	3.9 / 3.5
5			1	25	10				
							ML	Silt: light brown, sandy with some clay, saturated; (PID = 6.2 ppm in breathing zone.)	1.1 / 1.3
10			2	5	13				
							SM	Sand: brown, fine, little silt, strong odor, saturated, with some grass stems.	8.1 / 8.8
15			3	25	30				
20									

WELL DIAGRAM



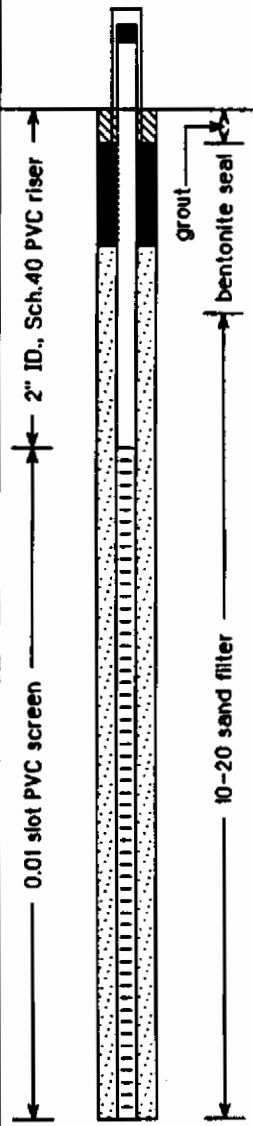
EnSafe/Allen & Hoshall

Monitoring Well NBCH009002

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2322897.96 E, 370759.75 N*
Location: *Charleston, SC*	Surface Elevation: *7.9 feet msl*
Started at *1130 on 9-27-93*	TOC Elevation: *10.89 feet msl*
Completed at *1230 on 9-27-93*	Depth to Groundwater: *6.45 feet TOC* Measured: *10-12-93*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.44 feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *15.0 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *5.0 to 15.0 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Grassy.	
							SC	Clay: brown, sandy, dry to moist, grading to gray at 3.5' and to wet, black, silty clay with a few wood pieces at 4.5'.	4.9
5			1	100	10				2.9
							ML	Silt: brown to black.	.1
							SM	Sand: light brown, fine, silty, saturated, grading to a brown, saturated, sandy silt at 9.5'.	1.1
10			2	100	2				2.1
							ML	Silt: brown to black, clayey, with fine, light brown, fine sand stringers, saturated.	5.1
15			3	100	2				7.1
20									

WELL DIAGRAM



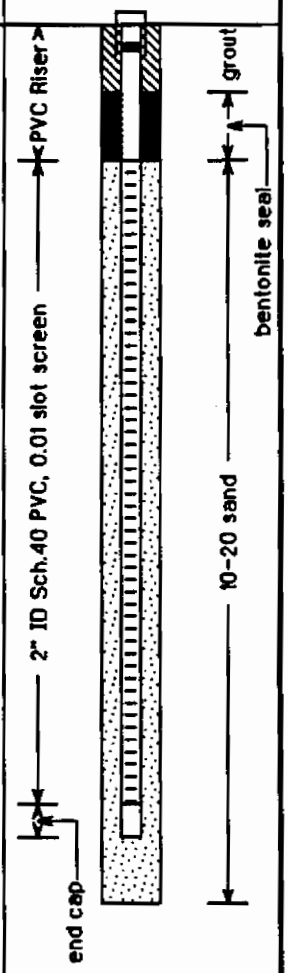
EnSafe/Allen & Hoshall

Monitoring Well NBCH136001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325296.92 E, 370660.47 N*
Location: *Charleston, SC*	Surface Elevation: *9.5 feet msl*
Started at *1545 on 9-21-94*	TOC Elevation: *9.12 feet msl*
Completed at *1610 on 9-21-94*	Depth to Groundwater: *3.48 feet TOC* Measured: *12-8-94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.64 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Concrete, rock, sandy fill.	
							FILL	Fill: sandy, rocky.	6.5
							SM	Sand: gray-green, fine to medium, wet.	5.5
5			1	100	0				4.5
							OH SC	Clay: olive-brown, tight, dry, "marly", interbedded with 2" gray-green, fine, wet sand.	1.5
10			2	25	0				
							SC	Sand: gray-green, fine, wet.	3.5
							OH	Clay: gray-green, fine, soft, damp, marsh clay.	4
15			3	100	0				5.5
20									

WELL DIAGRAM



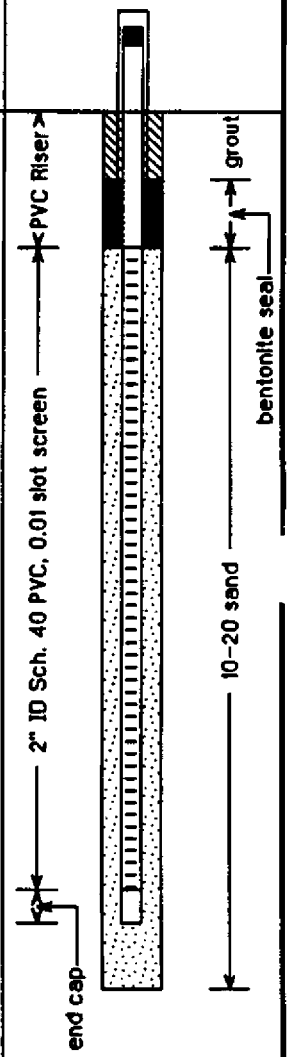
EnSafe/Allen & Hoshall

Monitoring Well NBCH178001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325481.05 E, 370865.90 N*
Location: *Charleston, SC*	Surface Elevation: *9.9 feet msl*
Started at *1530 on 9-13-94*	TOC Elevation: *12.23 feet msl*
Completed at *1720 on 9-13-94*	Depth to Groundwater: *5.89 feet TOC* Measured: *12-8-94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *6.34 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: grass and topsoil. *Logged from auger cuttings--unable to put up boom due to power lines.*	
							SC	Sand: gray, clayey, wet with oily sheen.	6.9
5			1		67				4.9
							SC	Sand: olive-green, clayey, wet with oily sheen.	1.9
10			2		11		CL	Clay: olive-green, wet with oily sheen, strong odor.	-1
									-2.1
15			3		17				
20									

WELL DIAGRAM



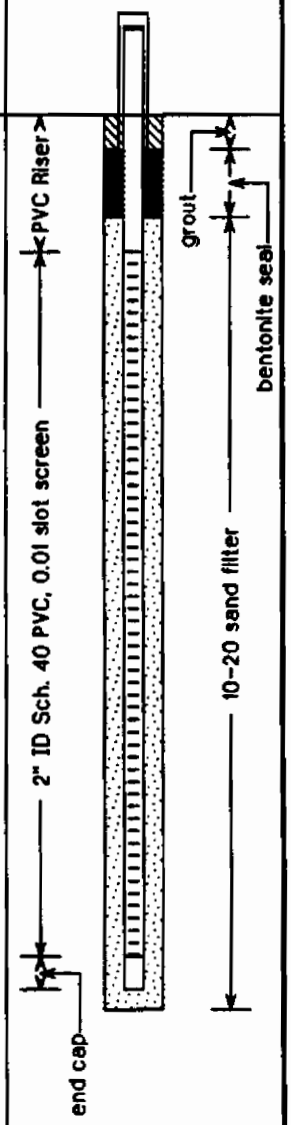
EnSafe/Allen & Hoshall

Monitoring Well NBCH017005

Project: *ZONE H - Naval Base Charleston*	Coordinates: *2324989.88 E, 370448.46 N*
Location: *Charleston, SC*	Surface Elevation: *10.5 feet msl*
Started at *1015 on 4-7-95*	TOC Elevation: *10.29 feet msl*
Completed at *1100 on 4-7-95*	Depth to Groundwater: *4.42 feet TOC* Measured: *4-12-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.87 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12.9 feet bgs*
Geologist: *Peter Bayley*	Well Screen: *2 to 12 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SM SC	Sand: orange with trace of gray, very fine to fine, silty, some clay to clayey, moist with sand, gray, very fine to fine.	7.5 / 6.9
5			1	100	0		CH OH	Clay: black, some silt, moist to wet, plastic, firm, olive colored laminae at 3.5-4.5'.	5.5
							SP	Sand: dark gray, very fine to fine, trace to some silt, wet, soft.	2.5 / 2.1
10			2	25	0				
							CH	Clay: dark brown-grauy, some silt, wet, firm, plastic, wood (root) at 13.3-13.8' and 14.8' interbedded with 1" silt, yellow-brown, clayey with very fine sand, wet, firm, plastic.	2.5
15			3	100	0				4.5
20									

WELL DIAGRAM



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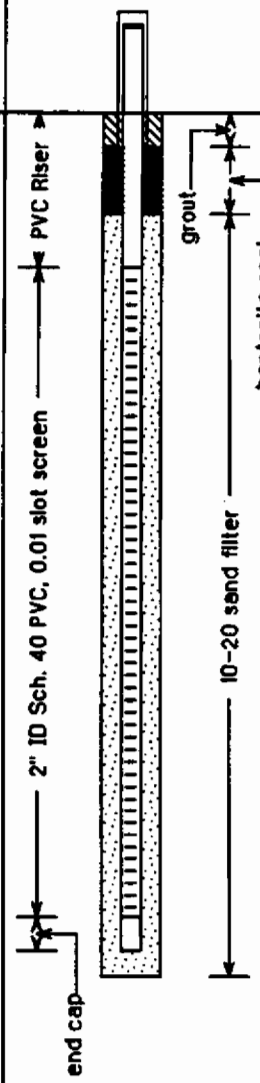
Monitoring Well NBCH017006

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2324905.25 E, 370481.59 N*
Location: *Charleston, SC*	Surface Elevation: *10.4 feet msl*
Started at *0850 on 4-7-95*	TOC Elevation: *10.26 feet msl*
Completed at *0930 on 4-7-95*	Depth to Groundwater: *4.24 feet TOC* Measured: *4-12-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *6.02 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12.4 feet bgs*
Geologist: *Peter Bayley*	Well Screen: *2.4 to 12.4 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SM, SC, CH	Sand: orange, very fine to fine, silty, clayey, moist, slight plasticity.	7.4
							CH	Clay: grayish-black to olive, some silt, wet, plastic, firm.	6.7
5			1	66	0				6.1
							SC, CH	Sand: gray with trace of black, very fine to fine, some silt to silty clayey, wet, grades to very clayey at base.	2.4
								Clay: gray, some silt, wet, soft to firm, plastic; with 2" sand lense, gray, very fine to fine, soft, wet.	2.2
10			2	92	0				8
							CH, SC, CH	Clay: brown to dark gray-black, some silt, wet, plastic, firm.	2.6
								Sand: yellow-brown grading to yellow gray at basal 2", very fine to fine, some silt to silty clay, trace of CaCO-in upper 3", soft, wet.	3.1
15			3	100	0				4.1
								Clay: yellow to gray brown with banding and gray mottle, some silt, plastic, wet.	4.6
20									

WELL DIAGRAM



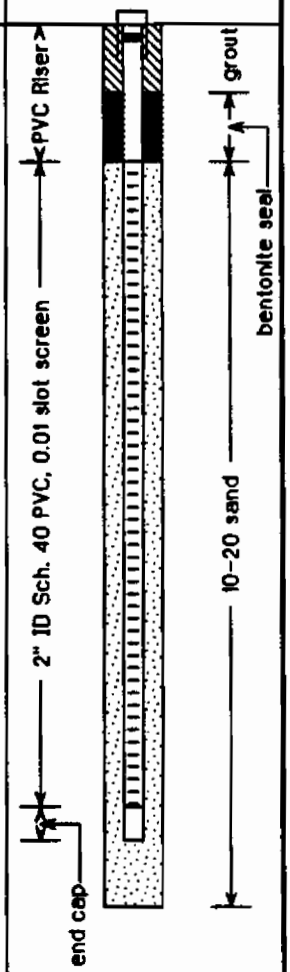
EnSafe/Allen & Hoshall

Monitoring Well NBCH178002

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325428.05 E, 37082.77 N*
Location: *Charleston, SC*	Surface Elevation: *9.4 feet msl*
Started at *0830 on 9-14-94*	TOC Elevation: *9.16 feet msl*
Completed at *0945 on 9-14-94*	Depth to Groundwater: *3.12 feet TOC* Measured: *12-8-94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *6.04 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Cement, soil, fill and rock.	
							SM	Sand: brown to tan, fine to medium, with fill material, strong petroleum odor.	6.4
5			1	100	7				4.4
							CL	Clay: tan, with fine sand, damp.	1.4
10			2	100	0				-.6
							OH OL	Clay: olive-green, medium plasticity, with shell fragments, fizz with HCl, damp to brittle, dry, olive-green clay with shell fragments --Cooper Marl.	-3.6
15			3	100	0				-5.6
20									

WELL DIAGRAM



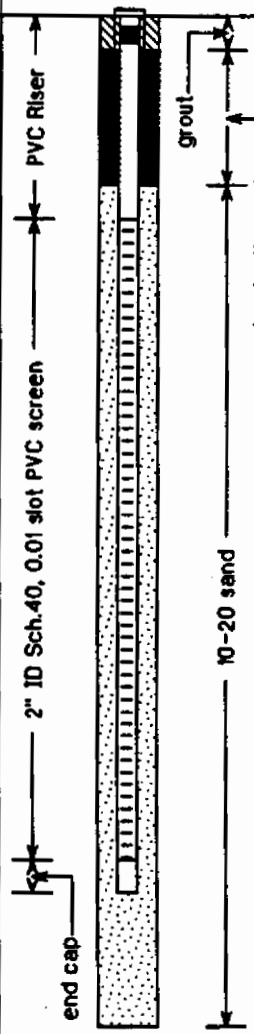
EnSafe/Allen & Hoshall

Monitoring Well NBCH653001

Project: *Zone H-Naval Base Charleston*	Coordinates: *232331.62 E, 371237.88 N*
Location: *Charleston, SC*	Surface Elevation: *6.3 feet msl*
Started at *1440 on 9-12-94*	TOC Elevation: *6.10 feet msl*
Completed at *1500 on 9-12-94*	Depth to Groundwater: *2.26 feet TOC* Measured: *12-8-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.84 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *B. Dotson*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Asphalt, utilities cleared.	
							CL	Clay: dark gray, silty, stiff.	3.3
							SP	Sand: dark gray, fine to medium with shell fragments, well-sorted, saturated.	2.8
5			1	75	0				1.8
							CL	Clay: gray, with sand and shells that increase in content toward bottom of spoon, saturated.	-1.7
10			2	75	0				-3.2
							SP	Sand: with shell fragments.	-6.7
							OL	Clay: dark gray to black, silty (marshy smell).	-7.2
15			3	75	0				-8.2
20									

WELL DIAGRAM



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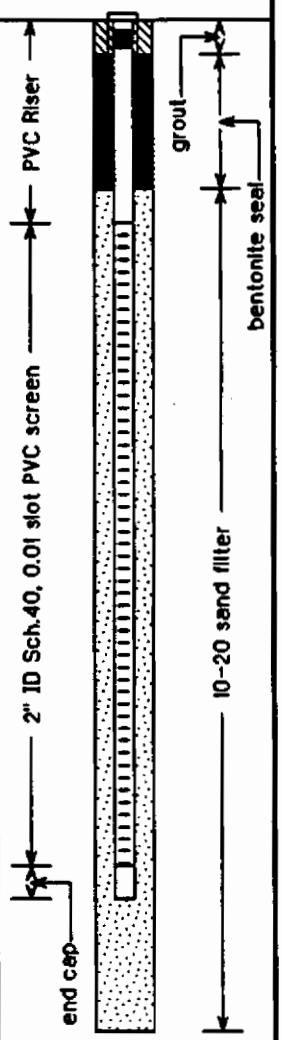
Monitoring Well NBCH653002

Project: *Zone H–Naval Base Charleston*	Coordinates: *2323290.91 E, 371214.44 N*
Location: *Charleston, SC*	Surface Elevation: *6.4 feet msl*
Started at *1600 on 9–12–94*	TOC Elevation: *6.26 feet msl*
Completed at *1625 on 9–12–94*	Depth to Groundwater: *2.92 feet TOC* Measured: *12–8–95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.34 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *B. Dotson*	Well Screen: *3.0 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Asphalt. Post-holed to 2' to 3 feet.	
							FILL	Clay: black, sandy, gravelly, fill material, apparently oil-stained, moist.	3.4 / 2.9
5			1	100			CL	Clay: dark gray to black, sandy, some grass pieces, moist.	1.4
							SC	Sand: gray, fine, clayey, saturated, spots of marshy clay.	1.8 / 2.8
10			2	50				Shelby tube from 10–12': 0% recovery--conditions were too sandy.	
			3	0				Shelby tube from 12–14': Minimal recovery--6" in tube.	
			4	25					
15									
20									

WELL DIAGRAM



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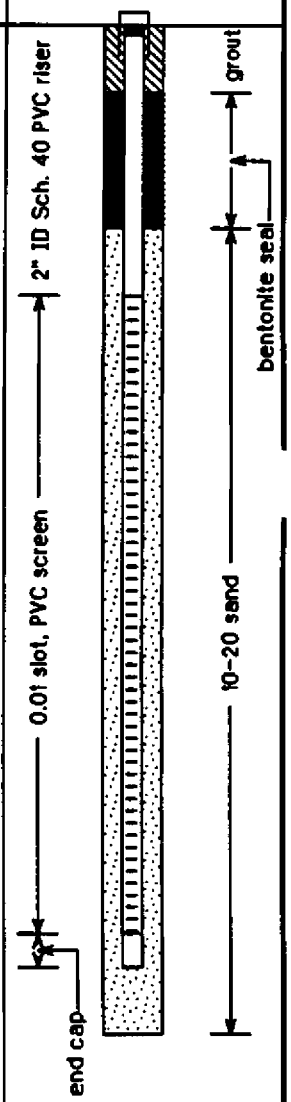
Monitoring Well NBCH655001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323764.69 E, 369836.49 N*
Location: *Charleston, SC*	Surface Elevation: *9.6 feet msl*
Started at *0910 on 9-13-94*	TOC Elevation: *9.46 feet msl*
Completed at *1145 on 9-13-94*	Depth to Groundwater: *3.99 feet TOC* Measured: *12-8-94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.47 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *4 to 13.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Asphalt, rock, fill to fine, loose sand.	
							SM	Sand: tan, fine.	6.6
							OH	Clay: gray with black staining, fat, tight.	6.1
5			1	50	0				5.6
							OH	Clay: gray-green, soft, wet.	1.6
10			2	100	0				-4
							OH	Clay: tan and gray, soft, wet.	-3.4
15			3	100	0				-5.4
20									

WELL DIAGRAM



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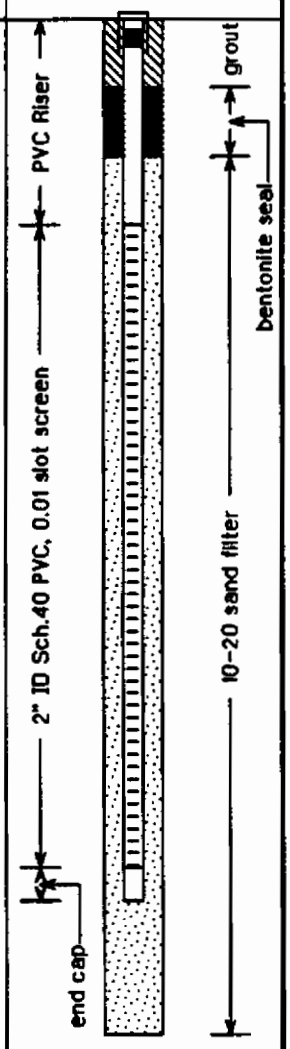
Monitoring Well NBCH655002

Project: *Zone H-Naval Base Charleston*	Coordinates: *232374.47 E, 369747.05 N*
Location: *Charleston, SC*	Surface Elevation: *8.7 feet msl*
Started at *1125 on 8-29-94*	TOC Elevation: *8.82 feet msl*
Completed at *1145 on 8-29-94*	Depth to Groundwater: *2.46 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.36 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3.0 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Rock and fill.	
							SM	Sand: brown and tan, fine, with some clay and shells, damp.	5.7
5			1	100	0				3.7
							SM SC	Sand: as above grading to gray-green clay, loose, medium plasticity, wet.	.7
10			2	100	0				-1.3
							OH	Clay: gray-green, high plasticity, fine, fat, soft, wet.	-4.3
15			3	100	0				-6.3
20									

WELL DIAGRAM



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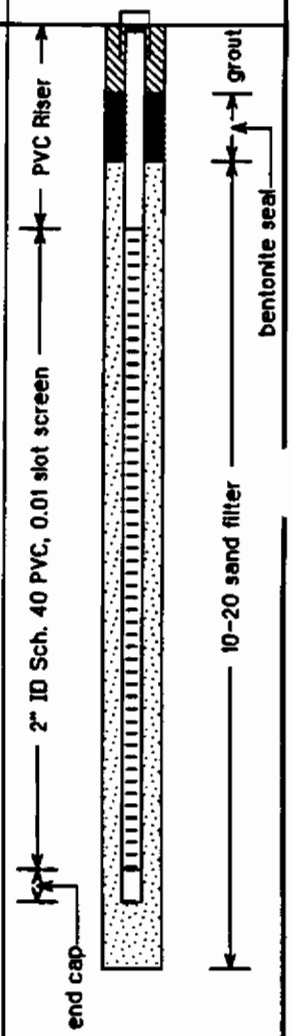
Monitoring Well NBCH655003

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323737.11 E, 369791.01 N*
Location: *Charleston, SC*	Surface Elevation: *8.9 feet msl*
Started at *1255 on 9-13-94*	TOC Elevation: *8.80 feet msl*
Completed at *1320 on 9-13-94*	Depth to Groundwater: *2.58 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5"OD) HSA with split spoon*	Groundwater Elevation: *6.22 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Rock, fill and coarse sand.	
							OH CH	Clay: gray with black staining, granular consistency, tight with tan-brown, fine, sand in upper 2".	5.9 / 5.1
5			1	50	0				
							OH	Clay: gray-green , tight, wet.	.9
							SM	Sand: tan to gray, fine, with some silt, wet.	.4 / .1
10			2	50	0				
			3	100			SC	Sand: gray to brown, fine with some clay, wet.	4.1 / 5.3
15			4	60	0				
20									

WELL DIAGRAM



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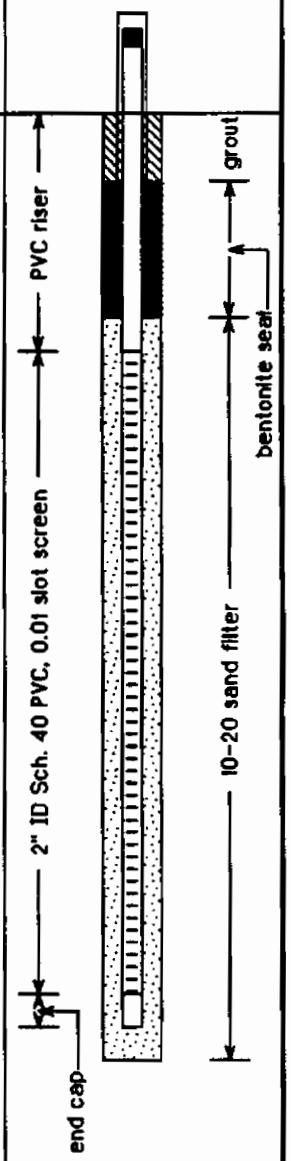
Monitoring Well NBCH656001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324188.06 E, 369586.16 N*
Location: *Charleston, SC*	Surface Elevation: *9.1 feet msl*
Started at *0930 on 8-25-94*	TOC Elevation: *11.23 feet msl*
Completed at *1000 on 8-25-94*	Depth to Groundwater: *4.32 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *6.91 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13.5 feet bgs*
Geologist: *B. Dotson*	Well Screen: *3.5 to 13.0 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: grassy with dark brown, fine sand, silt, some clay, and shell fragments -- spoil.	
							FILL	Sand: dark brown, fine, some silt and clay, with some shells, moist.	6.1
							SP	Sand: gray-white, medium, well-sorted, moist.	5.6
5			1	75				Apparently saturated at 6 feet.	4.6
							ML	Silt: dark brown, saturated, liquified.	1.1
10			2	25					-.6
							ML	Silt: dark brown, clayey, little to no sand, saturated; collected portion of spoon for physical parameter analysis.	3.9
15			3	100					5.9
20									

WELL DIAGRAM



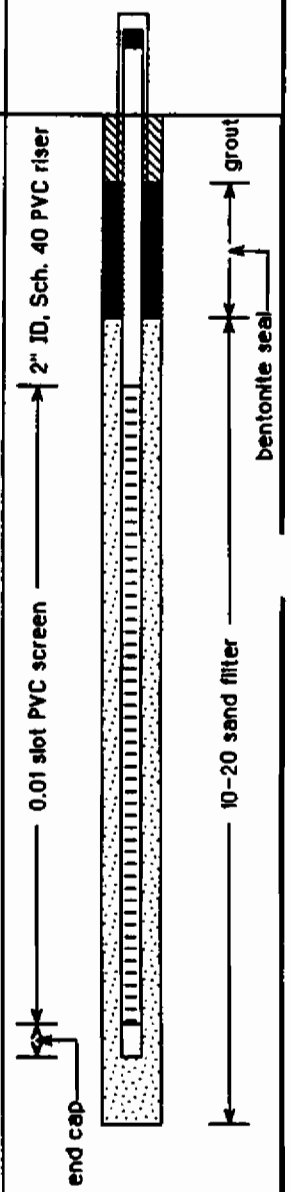
EnSafe/Allen & Hoshall

Monitoring Well NBCH656002

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324169.99 E, 369517.43 N*
Location: *Charleston, SC*	Surface Elevation: *8.5 feet msl*
Started at *1120 on 8-25-94*	TOC Elevation: *10.77 feet msl*
Completed at *1145 on 8-25-94*	Depth to Groundwater: *4.86 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.91 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14 feet bgs*
Geologist: *B. Dotson*	Well Screen: *4 to 13.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: grassy with dark brown, silty sand, moist, with shell fragments -- spoil.	
							FILL	Spoils. Same as above.	5.5
							CL	Clay: dark brown, silty, moist.	6
							SM	Sand: tan-light brown blending to gray at 5 feet, fine, silty.	4.5
5			1	100	1.5		SM	Cuttings: Fine sand and silt, dark brown to black, saturated.	3.5
							ML	Silt: dark gray, clayey, little to no sand, saturated, liquified.	5
10			2	100	1.7				15
							SM	Sand: orange-brown, silty.	4.5
							SW	Sand: medium gray, with shell fragments, moderately well-sorted.	5
							OL		5.5
15			3	100	2.4			Silt: dark gray with some clay, with marsh grass.	8.5
20									

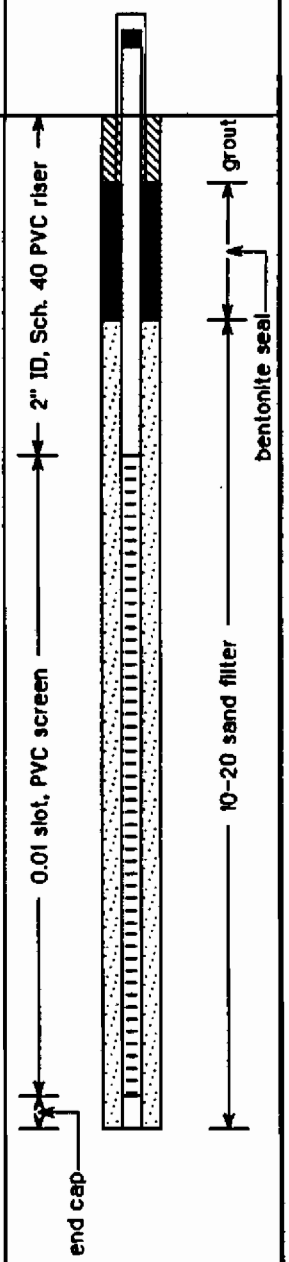
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH656003
Project: *Zone H–Naval Base Charleston*	Coordinates: *2324094.17 E, 360511.40 N*
Location: *Charleston, SC*	Surface Elevation: *8.5 feet msl*
Started at *1355 on 8–25–94*	TOC Elevation: *10.94 feet msl*
Completed at *1420 on 8–25–94*	Depth to Groundwater: *unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *15 feet bgs*
Geologist: *B. Dotson*	Well Screen: *5.0 to 14.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
							FILL	Spoils, gravel silt with sand.	5.5
							SM	Sand: gray to black, silty, becoming predominantly silt at 5 feet.	5
5			1	100	4				3.5
								Saturated at 6 to 7 feet.	
							CL	Clay: brown, gray and black mottling, sandy, wet.	5
							ML	Silt: silver gray, clayey, wet.	0
									-5
10			2	50					
							SM	Sand: light brown, silty, saturated.	4.5
							ML	Silt: dark gray, clayey, saturated.	5
									0
15			3	75					
20									

WELL DIAGRAM



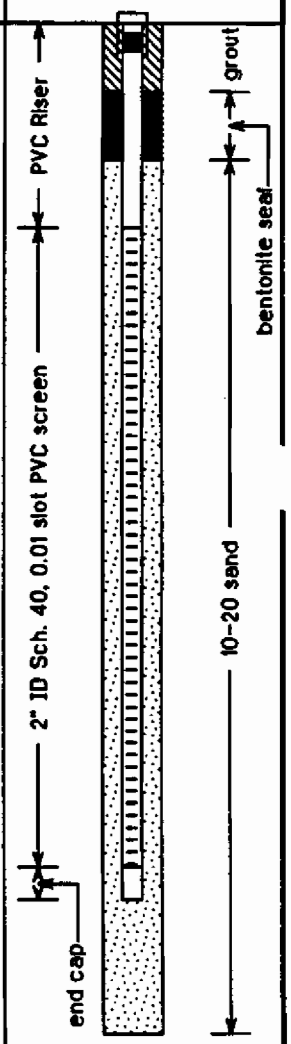
EnSafe/Allen & Hoshall

Monitoring Well NBCH660001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325190.25 E, 370935.04 N*
Location: *Charleston, SC*	Surface Elevation: *9.2 feet msl*
Started at *1430 on 9-08-94*	TOC Elevation: *8.95 feet msl*
Completed at *1530 on 9-08-94*	Depth to Groundwater: *4.90 feet TOC* Measured: *12-8-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.05 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Howard*	Well Screen: *3.0 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Asphalt (parking lot).	
							SW	Sand: green-gray, fine, with some shell fragments.	6.2
									4.9
5			1	66	0				
							ML	Silt: brown, clayey, "shelly" in places.	1.2
10			2	100	0				.8
							SW	Silt: brown, clayey, grading to green-gray, fine, sand with shell fragments and to soft, gray clay with plant matter.	3.8
15			3	100	0				-5.8
20									

WELL DIAGRAM



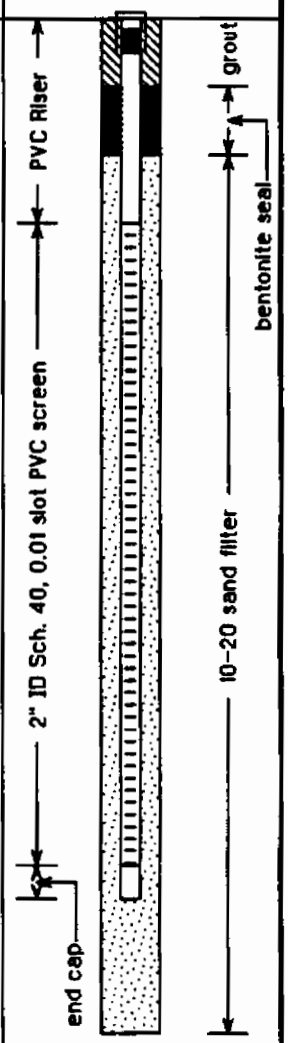
EnSafe/Allen & Hoshall

Monitoring Well NBCH660002

Project: *Zone H–Naval Base Charleston*	Coordinates: *2325184.63 E, 371000.38 N*
Location: *Charleston, SC*	Surface Elevation: *8.8 feet msl*
Started at *0800 on 9–09–94*	TOC Elevation: *8.59 feet msl*
Completed at *0900 on 9–09–94*	Depth to Groundwater: *4.71 feet TOC* Measured: *12–8–95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.88 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Howard*	Well Screen: *3.0 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
								Surface conditions: Asphalt parking lot overlying concrete slab.	
							SC	Sand: orange, fine, clayey with some orange clay nodules.	5.8
5			1	100	3				3.8
							CL	Clay: green, slightly stiff, silty.	8 3
10			2	25	2			Shelby tube collected.	
			3	100					
							CL GC	Clay: green, silty, soft, with angular ~ 1" diameter quartz clasts and gravel.	4.2 4.9
15			4	33	2				
20									

WELL DIAGRAM



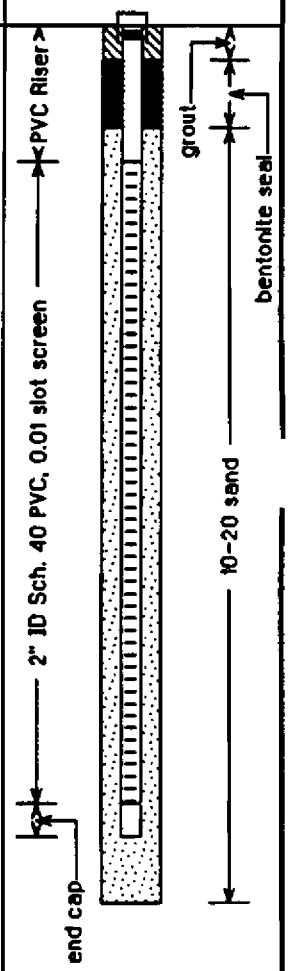
EnSafe/Allen & Hoshall

Monitoring Well NBCH662001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325328.67 E, 370272.18 N*
Location: *Charleston, SC*	Surface Elevation: *8.8 feet msl*
Started at *0815 on 9-07-94*	TOC Elevation: *8.62 feet msl*
Completed at *0915 on 9-07-94*	Depth to Groundwater: *4.43 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.19 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *S. Howard*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Asphalt parking lot.	
							FILL	Posthole cuttings: Fill material, mostly sandy, silty, brown clay; some plastic fragments present.	5.8
5			1	100	0				3.8
							SM	Sand: green with black specks, fine with some shell fragments.	8
10			2	100	0				12
							SM	Sand: as above.	4.2
15			3	100	0				6.2
20									

WELL DIAGRAM



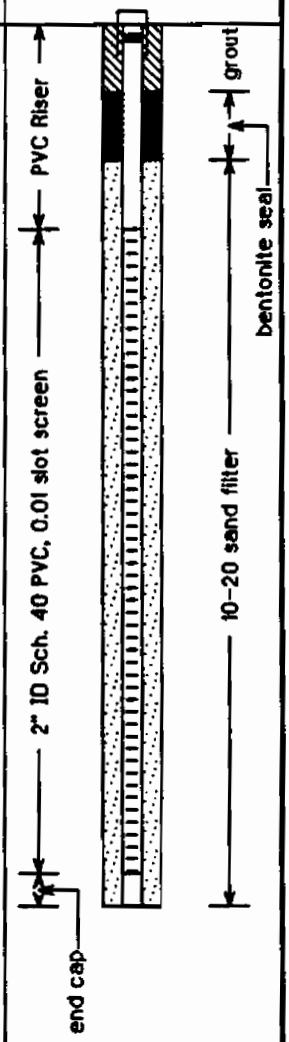
EnSafe/Allen & Hoshall

Monitoring Well NBCH662002

Project: *Zone H-Naval Base Charleston*	Coordinates: *232533.57 E, 370324.23 N*
Location: *Charleston, SC*	Surface Elevation: *9.4 feet msl*
Started at *0915 on 9-07-94*	TOC Elevation: *9.16 feet msl*
Completed at *1130 on 9-07-94*	Depth to Groundwater: *5.40 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.76 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Howard*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Asphalt (parking lot).	
							SC	Sand: orange-brown to gray, fine, clayey, with blue-gray, dark nodules present.	8.4
5			1	100	1.5				4.4
							SM	Sand: gray with black specks, fine with some shell fragments.	1.4
10			2	100	0				-.6
							SM	Sand: as above.	-3.6
15			3	100	0				-5.6
20									

WELL DIAGRAM



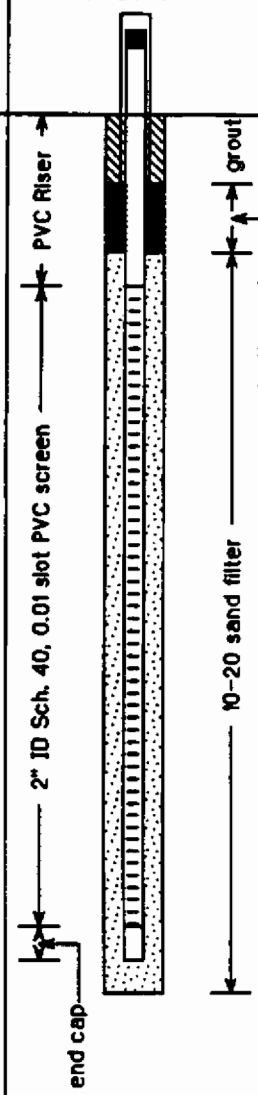
EnSafe/Allen & Hoshall

Monitoring Well NBCH663001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325343.17 E, 370683.57 N*
Location: *Charleston, SC*	Surface Elevation: *8.7 feet msl*
Started at *1515 on 8-27-94*	TOC Elevation: *11.31 feet msl*
Completed at *1630 on 8-27-94*	Depth to Groundwater: *4.70 feet TOC* Measured: *12-8-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *6.61 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12.5 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *2.5 to 12.0 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: grass, soil and fill.	
5							SM	Sand: gray, fine to medium, wet.	3.7
			1		0				1.7
10							SM	Sand: olive-tan and gray, fine to medium, with shell hash.	1.3
			2		0				3.3
15									
20									

WELL DIAGRAM



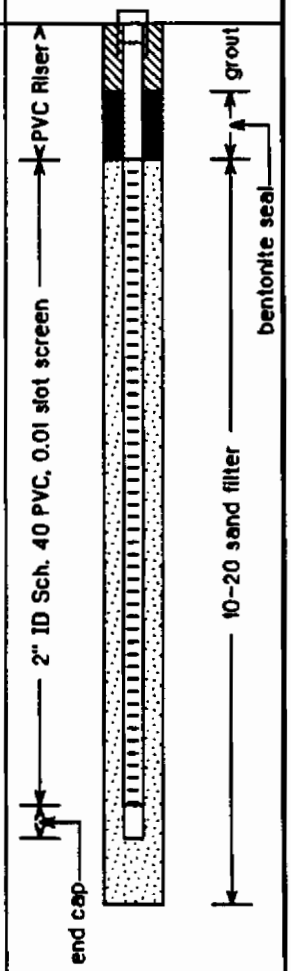
EnSafe/Allen & Hoshall

Monitoring Well NBCH663002

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325334.03 E, 370736.37 N*
Location: *Charleston, SC*	Surface Elevation: *8.2 feet msl*
Started at *1205 on 9-21-94*	TOC Elevation: *7.92 feet msl*
Completed at *1330 on 9-21-94*	Depth to Groundwater: *1.42 feet TOC* Measured: *12-8-94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *6.50 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: asphalt.	
							FILL	Fill: sandy and loose.	8.2
							SM	Sand: gray, brown, tan and orange, fine, wet.	5.2
5			1	100	0				3.2
							OH	Clay: gray-green, soft, damp "marsh clay" with 2" fine to medium, orange to tan, wet sand stringer.	2
									1
10			2	58	0		OH	Clay: gray-gree, fine, soft, damp, "marsh clay."	-1.8
			3	100	0				-3.8
							OH	Clay: as above, moist.	-4.8
15			4	100	0				-6.8
20									

WELL DIAGRAM



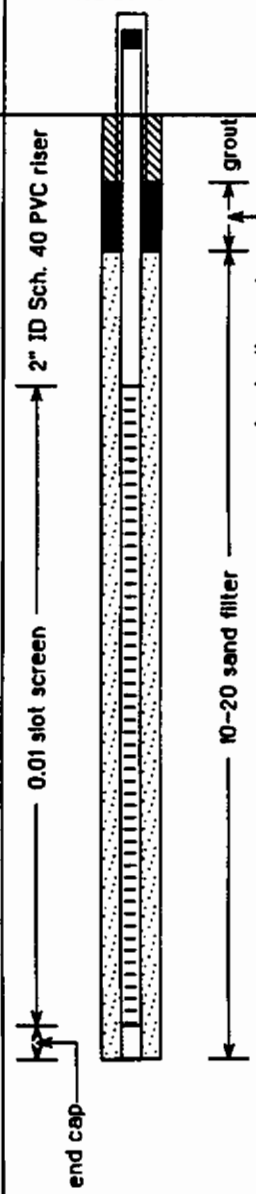
EnSafe/Allen & Hoshall

Monitoring Well NBCH666001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325190.25 E, 370935.04 N*
Location: *Charleston, SC*	Surface Elevation: *8.2 feet msl*
Started at *1100 on 9-9-94*	TOC Elevation: *8.95 feet msl*
Completed at *1225 on 9-9-94*	Depth to Groundwater: *unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14 feet bgs*
Geologist: *S. Howard*	Well Screen: *4 to 13.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface condition: grass	
							OL	Silt: yellow to green with some clay nodules (1" diameter), some plant fragments, some black sister clasts (approx. 1" diameter), fill.	5.2
5			1	100	0				3.2
							SM ML	Silt: green, with clay and fine-grained sand with some shell fragments, grading to dark gray, organic-rich, clay with plant fragments, sulfurous odor.	2
10			2	100	0				1.8
							OH	Clay: gray, organic-rich (plant fragments), sulfurous odor.	4.8
15			3	100	0				6.8
20									

WELL DIAGRAM



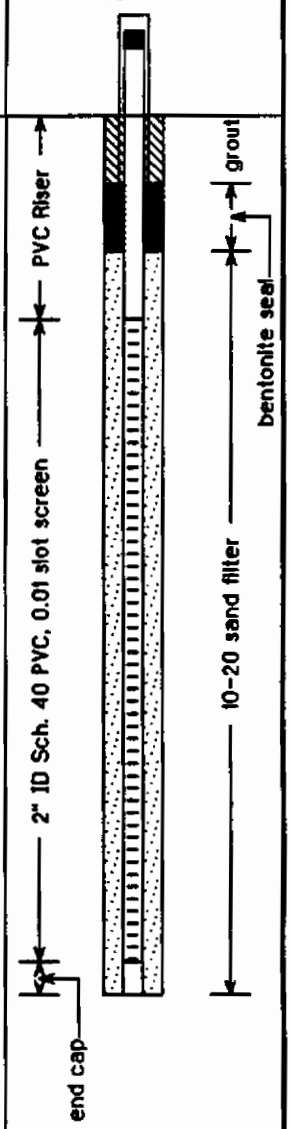
EnSafe/Allen & Hoshall

Monitoring Well NBCH666002

Project: *Zone H-Naval Base Charleston*	Coordinates: *2326075.62 E, 370058.08 N*
Location: *Charleston, SC*	Surface Elevation: *8.6 feet msl*
Started at *1330 on 9-9-94*	TOC Elevation: *10.86 feet msl*
Completed at *1445 on 9-9-94*	Depth to Groundwater: *6.49 feet TOC* Measured: *12-8-94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.37 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *S. Howard*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface condition: grassy	
5							ML SM	Silt: green, with clay, shell fragments, and phosphate nodules, grading into gray, fine, slightly silty sand with occasional shell fragments.	3.6
									1.6
			1	100	0		SM	Sand: gray to green, fine, with silt and thin, black, organic- rich horizons, sulfurous odor.	.6
10			2	100	0				-1.4
							SM	Sand: green with mafic minerals, fine, slightly silty.	-4.4
							OH	Clay: dark gray, soft with occasional plant fragments, sulfurous odor.	-5.4
15			3	100	0				-6.4
20									

WELL DIAGRAM



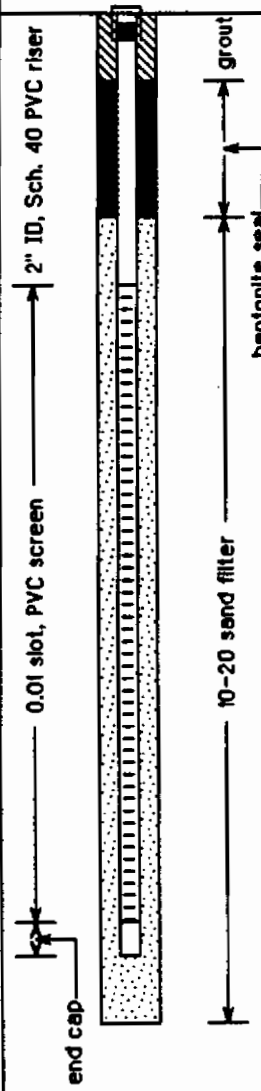
EnSafe/Allen & Hoshall

Monitoring Well NBCH667001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325791.17 E, 369551.80 N*
Location: *Charleston, SC*	Surface Elevation: *7.1 feet msl*
Started at *0955 on 9-12-94*	TOC Elevation: *6.92 feet msl*
Completed at *1030 on 9-12-94*	Depth to Groundwater: *unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14 feet bgs*
Geologist: *B. Dotson*	Well Screen: *4 to 13.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: Asphalt. Post-holed to 2 feet bgs.	
5			1	75	0		SW OL	Sand: gray, fine to medium, well-sorted, interlayered with "marsh"- like clay, moist.	3.1 / 1.8
10			2	75	0		SW CL	Sand: gray, medium, fine, well-sorted, grading into predominantly clay with grass fragments, saturated.	.9 / 2.4
15			3	50	0		OL SW	Silt: clay, with some well-sorted lenses of fine to medium sand, marsh smell, saturated.	5.9 / 6.9
20									

WELL DIAGRAM



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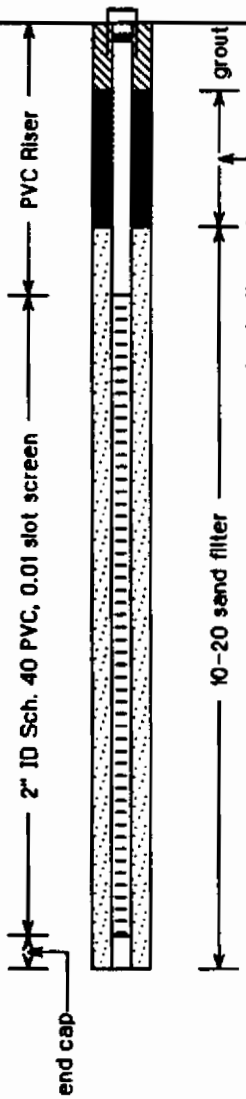
Monitoring Well NBCH667002

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325823.53 E, 369593.89 N*
Location: *Charleston, SC*	Surface Elevation: *7.0 feet msl*
Started at *1150 on 9-12-94*	TOC Elevation: *6.74 feet msl*
Completed at *1215 on 9-12-94*	Depth to Groundwater: *3.48 feet TOC* Measured: *12-8-94*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.26 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14 feet bgs*
Geologist: *B. Dotson*	Well Screen: *4 to 13.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface condition: Asphalt.	
							SC SW	Sand: poorly-sorted, gravelly, clayey--fill material.	4 / 3.5
							OL	Clay: "Marsh"-like with shell fragments at base.	3
5			1	75	0		SW	Sand: gray, medium, well-sorted, moist.	2.5
							CL SW	Clay: gray to black with silt and grass stems, grading into well- sorted sand at bottom, saturated.	1
10			2	100	0				3
							CL OL	Clay: dark gray to black with shell fragments, decreasing sand content with depth, saturated.	6
15			3	100	0				8
20									

WELL DIAGRAM



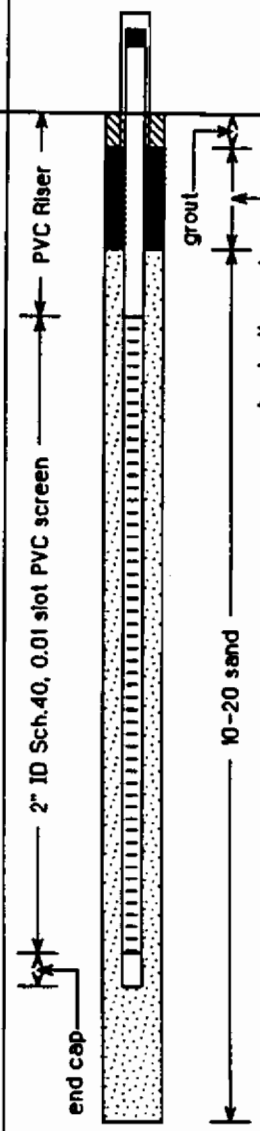
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH001

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323892.12 E, 368830.33 N*
Location: *Charleston, SC*	Surface Elevation: *10.4 feet msl*
Started at *1115 on 09-26-94*	TOC Elevation: *13.01 feet msl*
Completed at *1215 on 09-26-94*	Depth to Groundwater: *7.79 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.22 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *B. Dotson*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Post-hole cuttings: Black, organic-rich soil (6") followed by sand.	
							CL SM	Clay: gray to brown, sandy with some silt, becoming mostly sand at bottom of spoon, wet. Some lump silt clasts at 4'.	7.4
5			1	75					5.9
							CL	Clay: dark gray, silty with little fine sand, saturated.	2.4
10			2	75					.9
							CL	Clay: light brown, silty; black fissile "shale" lens toward bottom of spoon (most likely bark or wood).	2.6
15			3	75					4.1
20									

WELL DIAGRAM



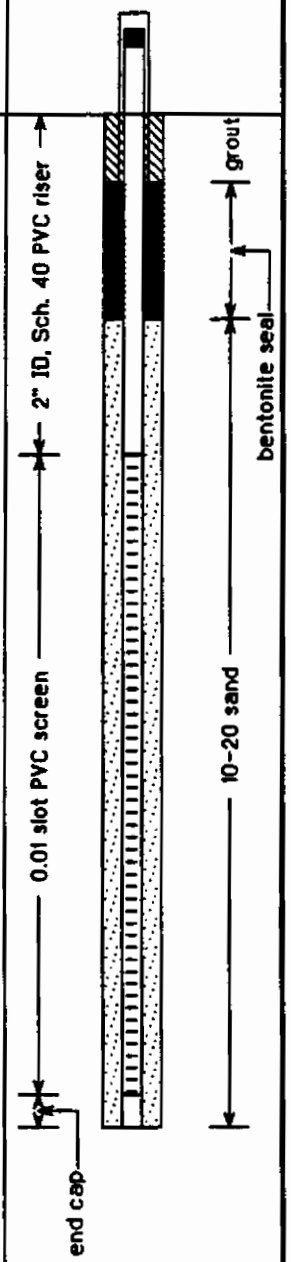
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH002

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323450.72 E, 369263.37 N*
Location: *Charleston, SC*	Surface Elevation: *7.2 feet msl*
Started at *1500 on 09-26-94*	TOC Elevation: *9.82 feet msl*
Completed at *1530 on 09-26-94*	Depth to Groundwater: *3.90 feet TOC* Measured: *6-21-95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.92 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *15 feet bgs*
Geologist: *B. Dotson*	Well Screen: *5 to 14.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface conditions: sand.	
							SM	Sand: light brown to dark brown, fine to medium.	4.2
5			1	100	0		CL	Clay: brown with black silt clasts, grading into a light gray clay at bottom of spoon, moist.	2.7 2.2
							OL	Clay: brown, silty, with grass fragments, wet, marsh mud.	.8 -1.3
10			2	25	0				
			3	100					
							OH	Clay: saturated, few shell horizons, marsh mud.	-5.8
15			4	100	0				-7.8
20									

WELL DIAGRAM



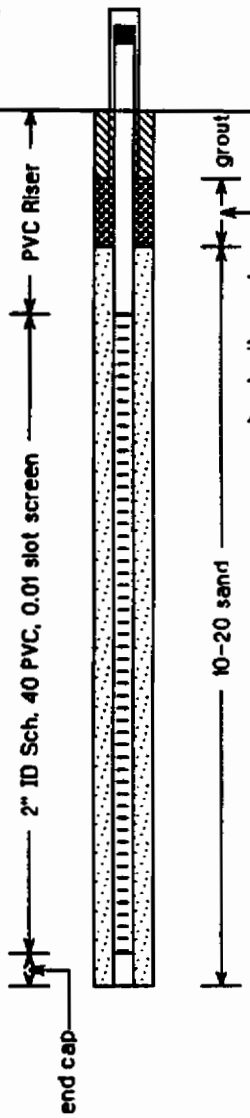
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH003

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323849.60 E, 370885.08 N*
Location: *Charleston, SC*	Surface Elevation: *10.6 feet msl*
Started at *0900 on 9-27-94*	TOC Elevation: *13.20 feet msl*
Completed at *0955 on 9-27-94*	Depth to Groundwater: *9.35 feet TOC* Measured: *6/21/95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.85 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *B. Doll*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SC	Sand: coarse to medium, clayey top soil.	7.6
5			1	100	0				5.6
							SC	Sand: orange, tight, clayey.	2.8
							SM	Sand: gray-green, loose, with shell hash, wet.	2.2
10			2	100	0				8
							SC SM	Sand: orange, clayey, tight, with shells, grading to gray-green, fine wet sand with small amount of shells, and into gray-green, soft, medium to high plasticity clay with root fragments.	-2.4
15			3	100	0				-4.4
20									

WELL DIAGRAM



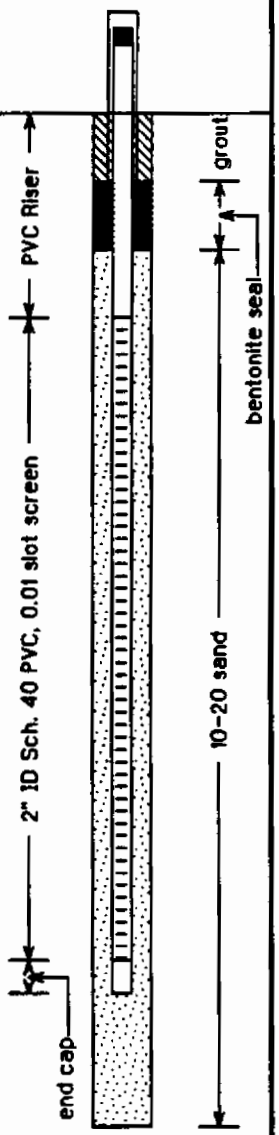
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH004

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325924.87 E, 370792.64 N*
Location: *Charleston, SC*	Surface Elevation: *9.0 feet msl*
Started at *1130 on 09-27-94*	TOC Elevation: *11.83 feet msl*
Completed at *1225 on 09-27-94*	Depth to Groundwater: *8.52 feet TOC* Measured: *6/20/95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.31 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *B. Doll*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Post-holed to 3 feet: rocks and fill.	
							SC OL	Sand: gray-green mottled with olive-black, clayey, with shell hash, with rocks and some dry, marly clay with shells.	6
5			1	100					4
							OL	Clay: olive-green and tan, tight, dry "marl", with fine, black sand.	1
10			2	100					1
							SC OH	Clay: olive-green and tan, soft, with fine, black sand and gray-green and black, fine, fat marsh Clay with sulfur odor.	4
15			3	100					6
20									

WELL DIAGRAM



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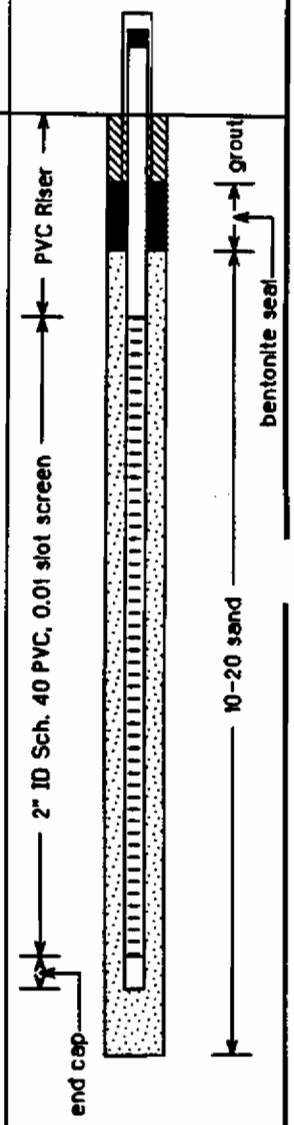
Monitoring Well NBCHGDH005

Project: *Zone H-Naval Base Charleston*	Coordinates: *232448.189 E, 368775.97 N*
Location: *Charleston, SC*	Surface Elevation: *11.9 feet msl*
Started at *1540 on 9-27-94*	TOC Elevation: *14.73 feet msl*
Completed at *1640 on 9-27-94*	Depth to Groundwater: *8.99 feet TOC* Measured: *6/21/95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.74 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *B. Doll*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
5			1	0			OH	Clay: green-brown, mottled, tight, dry.	6.9
			2	100			SM SW	Sand: tan-brown and gray, medium, well-sorted, loose, with shell hash.	5.9 / 4.9
							OH SM	Clay: mottled brown-green clay, tight, damp, interbedded with gray-green, fine to medium sand with some shells, loose, wet.	3.9
10			3	100					1.9
							SM OL	Sand: gray-green, fine to medium with shells, loose, wet, interbedded with gray-green and black, very tight to fat, clay dry to damp.	1.1
15			4	100					3.1
20									

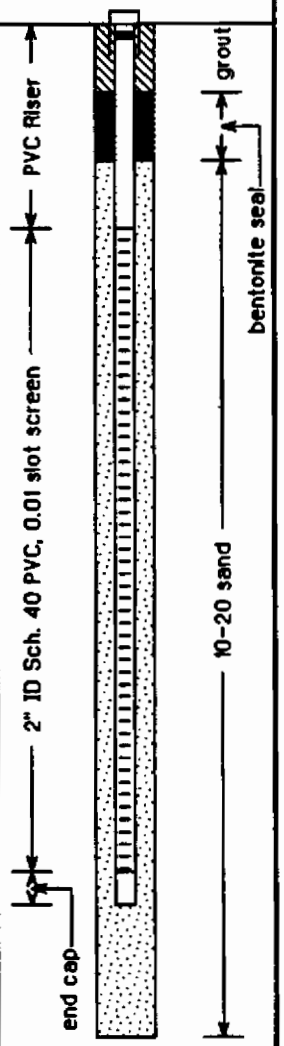
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH006
Project: *Zone H-Naval Base Charleston*	Coordinates: *2323874.14 E, 371402.21 N*
Location: *Charleston, SC*	Surface Elevation: *7.8 feet msl*
Started at *0830 on 9-28-94*	TOC Elevation: *7.59 feet msl*
Completed at *0930 on 9-28-94*	Depth to Groundwater: *4.41 feet TOC* Measured: *6/20/95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.18 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *B. Doll*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Post-holed to 3 feet.	
							SM	Sand: tan, coarse to medium, wet.	4.8
5			1	100	0				2.8
							SW	Sand: gray-green, coarse quartz sand with shell hash, wet.	2
10			2	100	0				-2.2
							SM OH	Sand: gray-green, fine to medium with shell hash, wet interbedded with fine gray-green clay.	-5.2
15			3	100	0				-7.2
20									

WELL DIAGRAM



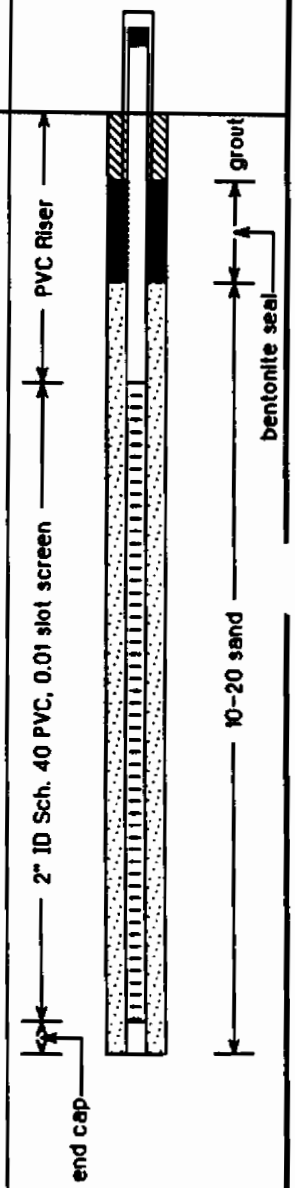
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH007

Project: *Zone H-Naval Base Charleston*	Coordinates: *2326379.78 E, 370412.24 N*
Location: *Charleston, SC*	Surface Elevation: *9.2 feet msl*
Started at *1030 on 9-28-94*	TOC Elevation: *12.22 feet msl*
Completed at *1215 on 9-28-94*	Depth to Groundwater: *8.42 feet TOC* Measured: *6/20/95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.80 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14 feet bgs*
Geologist: *B. Doll*	Well Screen: *4 to 13.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									6.2
							CL SM	Clay: tan, very firm, blocky, marly with a few small shell fragments, probably Cooper Marl fill; minor amounts of fine, brown-black sand with ash.	
5			1	100	0				4.2
							SM	Sand: brown with black stain or ash, fine, wet.	1.2
									.7
							CL SC	Clay: tan, marly with very few shell fragments, with very fine, brown clayey sand.	
10			2	100	0				-.8
							CL SM	Clay: tan, silty, wet, with brown and black banded, fine to medium, silty sand, wet.	-3.8
15			3	100	0				-5.8
20									

WELL DIAGRAM



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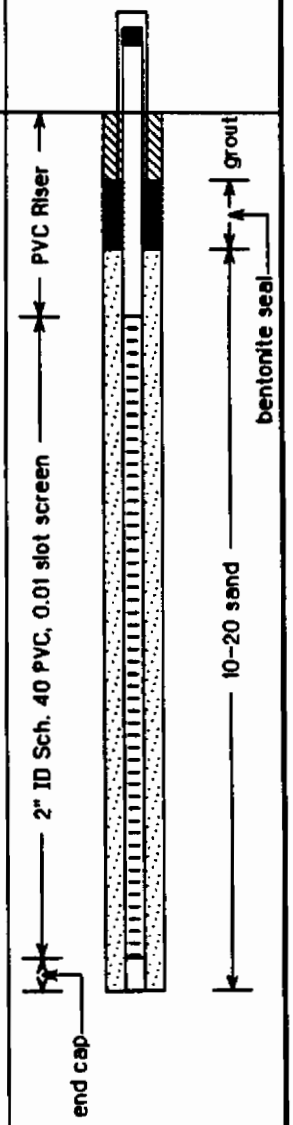
Monitoring Well NBCHGDH008

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324798.34 E, 369228.99 N*
Location: *Charleston, SC*	Surface Elevation: *9.8 feet msl*
Started at *1440 on 9-28-94*	TOC Elevation: *12.94 feet msl*
Completed at *1515 on 9-28-94*	Depth to Groundwater: *7.02 feet TOC* Measured: *6/20/95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *5.92 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *13 feet bgs*
Geologist: *B. Doll*	Well Screen: *3 to 12.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									9.8
							OH	Clay: green-black, fine, damp, fat, high plasticity marsh clay.	4.8
5			1	100	0				
							OL SM	Clay: brown, loose, low plasticitiy with tan-green, fine to medium, wet sand and shell hash.	1.8
10			2	100	0				-2
							SM	Sand: gray-green, fine, wet, with shell hash.	-3.2
15			3	100	0				-5.2
20									

WELL DIAGRAM



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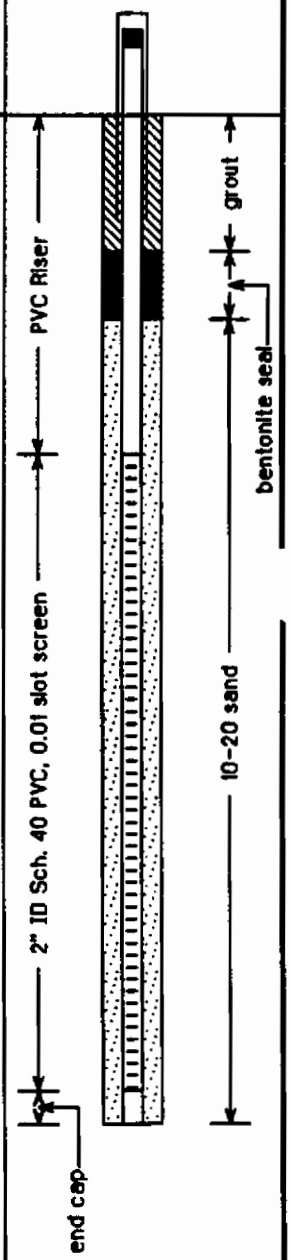
Monitoring Well NBCHGDH009

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324656.06 E, 368258.39 N*
Location: *Charleston, SC*	Surface Elevation: *10.5 feet msl*
Started at *1110 on 10-3-94*	TOC Elevation: *12.78 feet msl*
Completed at *1230 on 10-3-94*	Depth to Groundwater: *8.67 feet TOC* Measured: *6/20/95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.11 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *15 feet bgs*
Geologist: *B. Doll*	Well Screen: *5 to 14.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									7.5
							SC OH	Sand: brown to gray-green, medium, with gray-green marsh clay and olive, loose, marly clay and shell hash -- spoils with inconsistent lithology	
5			1	100	1.5				5.5
									2.5
							SC SM	Sand: brown and clayey in upper 0.5', grading to gray-green, fine to medium, wet sand.	
10			2	100	1				5
									2.5
							SC OH	Clay: gray-green, medium to high plasticity marsh clay with wet, gray green sand in upper 0.5'.	
15			3	100	0				4.5
20									

WELL DIAGRAM



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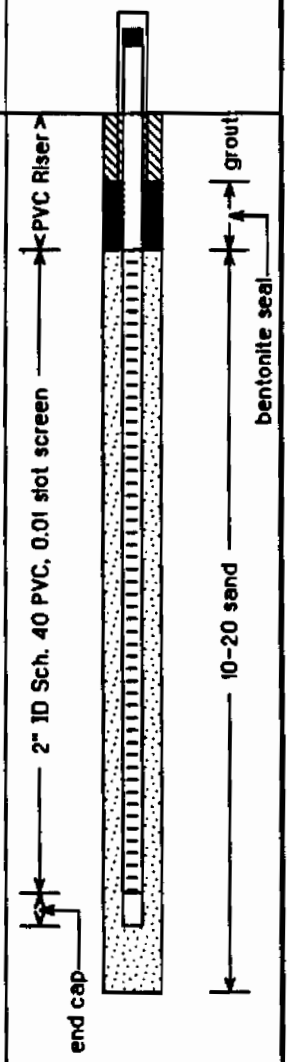
Monitoring Well NBCHGDH010

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324283.93 E, 367778.56 N*
Location: *Charleston, SC*	Surface Elevation: *7.3 feet msl*
Started at *1430 on 10-3-94*	TOC Elevation: *9.26 feet msl*
Completed at *1535 on 10-3-94*	Depth to Groundwater: *5.92 feet TOC* Measured: *6/20/95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.34 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *B. Doll*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SC SM	Sand: brown to gray-green and olive, fine to medium, clayey, with shell hash.	4.3
5			1	100	1				2.3
							SC OH	Sand: brown, clayey, with shell hash, loose, grading to gray-green marsh clay, soft, fat, medium to high plasticity.	.7
10			2	100	0				-2.7
							OH	Clay: marsh clay as above with fibrous, white, root-like material.	-5.7
15			3	100	0				-7.7
20									

WELL DIAGRAM



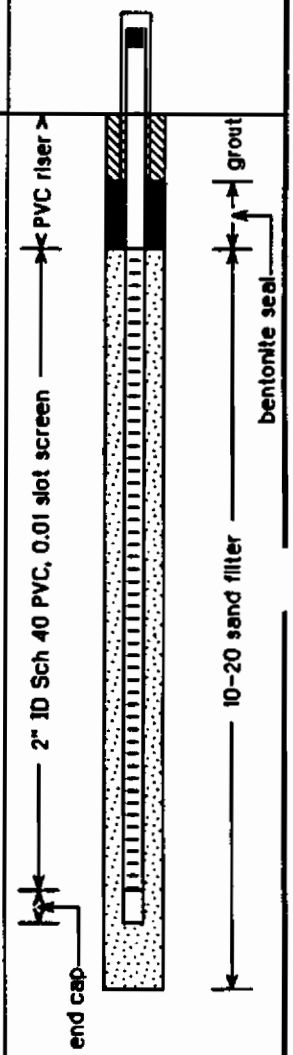
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH011

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323489.52 E, 368617.59 N*
Location: *Charleston, SC*	Surface Elevation: *6.9 feet msl*
Started at *0820 on 10-4-94*	TOC Elevation: *9.60 feet msl*
Completed at *1100 on 10-4-94*	Depth to Groundwater: *5.73 feet TOC* Measured: *6/20/95*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.87 feet msl*
Drilling Company: *Alliance*	Total Well Depth: *12 feet bgs*
Geologist: *B. Doll*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1		0			No recovery from 3-5' interval.	
5			2	100	2		SC	Sand: brown, clayey, wet, grading to orange, tan, to gray-green, clayey sand with shells.	1.9
									.1
			3	100	1		SC	Sand: gray-green, with shells.	1.1
10									3.1
			4	100	1		SM OH	Sand: gray-green, fine to medium, shell hash, wet; bottom 2" consists of gray-green marsh clay, fine, fat, medium to high plasticity, with plant/root material.	6.1
15									8.1
20									

WELL DIAGRAM



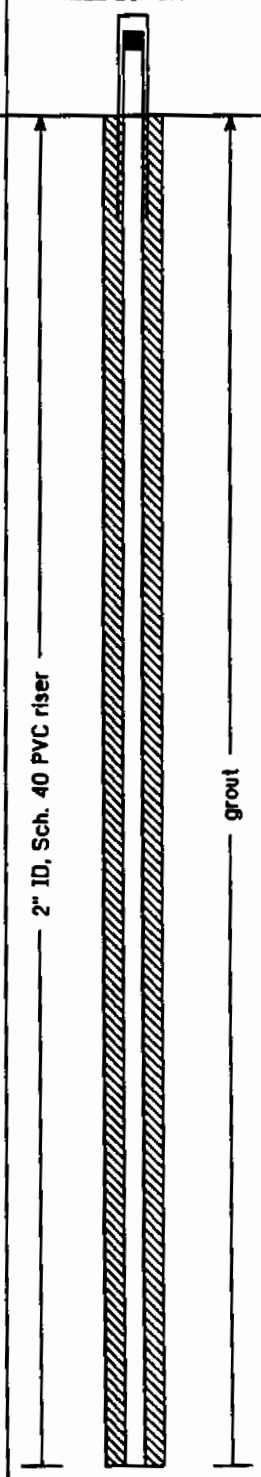
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH01D

Project: *Zone H-Naval Base Charleston*	Coordinates: *232388.54 E, 368825.54 N*
Location: *Charleston, SC*	Surface Elevation: *10.3 feet msl*
Started at *1550 on 10-11-94*	TOC Elevation: *13.06 feet msl*
Completed at *1930 on 10-11-94*	Depth to Groundwater: *7.63 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.43 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *61 feet bgs*
Geologist: *B. Doll*	Well Screen: *51 to 60.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		1	100	0			Top soil and brown, clayey, sandy fill.	7.3
5							SC	Sand: green-tan, clayey.	
10								Clay: gray-green, fat, damp marsh clay with fibrous plant material.	-3
15							OH		
20									

WELL DIAGRAM



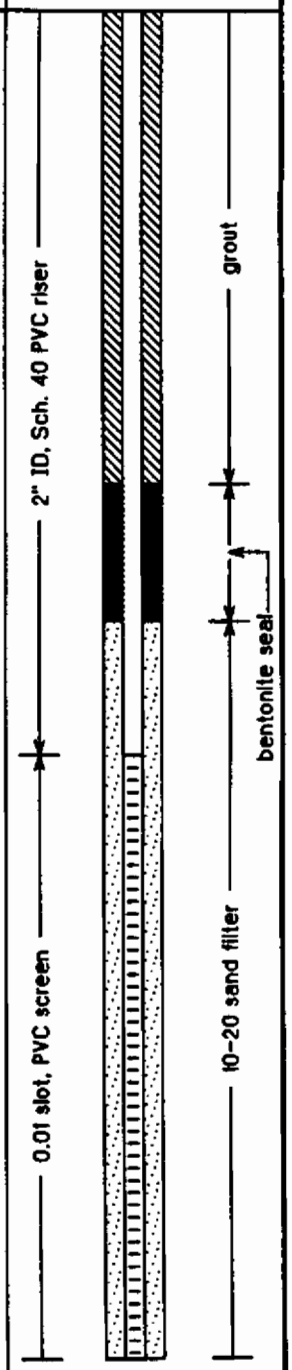
EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH01D
Project: *Zone H-Naval Base Charleston*	Coordinates: *232383.54 E, 368825.54 N*
Location: *Charleston, SC*	Surface Elevation: *10.3 feet msl*
Started at *1550 on 10-11-94*	TOC Elevation: *13.06 feet msl*
Completed at *1930 on 10-11-94*	Depth to Groundwater: *7.63 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.43 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *61 feet bgs*
Geologist: *B. Doll*	Well Screen: *51 to 60.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			2	100	0					
25								Clay: gray-green, fine, fat, damp marsh clay.		
30							OH			2" ID, Sch. 40 PVC riser; grout
35										
40										

EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH01D
Project: *Zone H-Naval Base Charleston*	Coordinates: *232388.54 E, 368825.54 N*
Location: *Charleston, SC*	Surface Elevation: *10.3 feet msl*
Started at *1550 on 10-11-94*	TOC Elevation: *13.06 feet msl*
Completed at *1930 on 10-11-94*	Depth to Groundwater: *7.63 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.43 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *61 feet bgs*
Geologist: *B. Doll*	Well Screen: *51 to 60.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			3	100	0			Clay: as above including shell hash and medium-fine, green sand.	
45								Clay: gray-green, fat, with stringers of fine sand and shell hash.	
50							OH		
55									
			4	100	0				
60									

WELL DIAGRAM



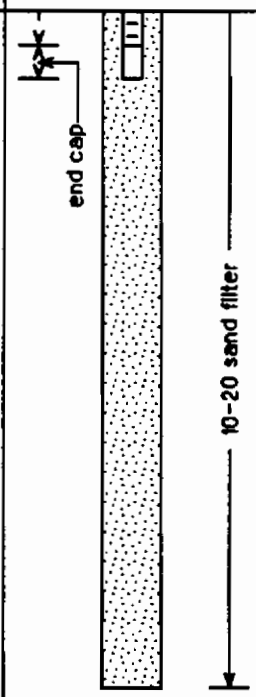
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH01D

Project: *Zone H-Naval Base Charleston*	Coordinates: *232388.54 E, 368825.54 N*
Location: *Charleston, SC*	Surface Elevation: *10.3 feet msl*
Started at *1550 on 10-11-94*	TOC Elevation: *13.06 feet msl*
Completed at *1930 on 10-11-94*	Depth to Groundwater: *7.63 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.43 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *61 feet bgs*
Geologist: *B. Doll*	Well Screen: *51 to 60.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							OH	Clay: gray-green, fat marsh clay.	
									51.7
							OL	Clay: olive-brown, tight, dry - Cooper Marl.	
65									
70			5	100	0				59.7
75									
80									

WELL DIAGRAM



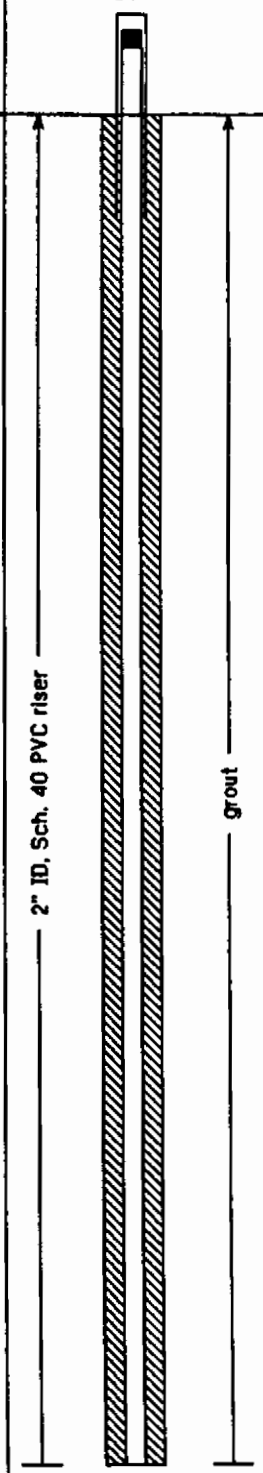
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH02D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323459.10 E, 369264.86 N*
Location: *Charleston, SC*	Surface Elevation: *7.2 feet msl*
Started at *0900 on 10-11-94*	TOC Elevation: *9.83 feet msl*
Completed at *1310 on 10-11-94*	Depth to Groundwater: *7.60 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.23 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *60 feet bgs*
Geologist: *B. Doll*	Well Screen: *50 to 59.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									4.2
			1	100	0		SC	Fill: brown to red brown, sandy, loose.	
5									
					6			Fill: as above.	
									2
								Clay: gray-green with some black "marsh clay", fine, fat, with roots ,grass and oyster shells.	
10									
			2	90	2.3		OH		
15								Clay: gray-green, fine marsh clay with fibrous roots/grass, minor shell hash.	
20									

WELL DIAGRAM



EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH02D

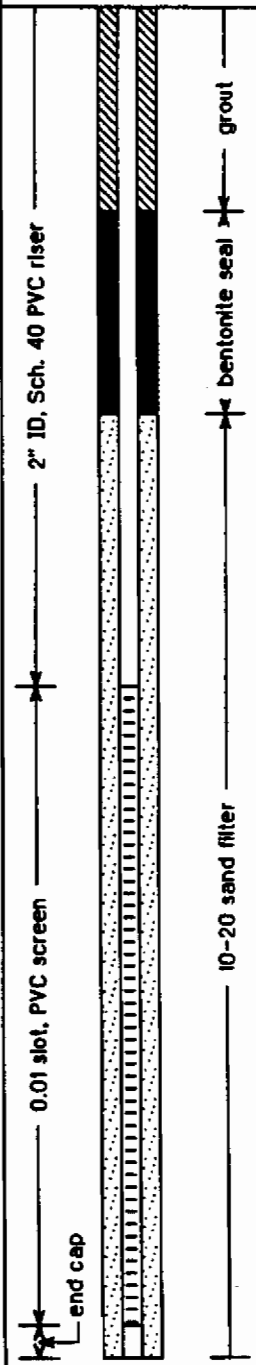
Project: *Zone H-Naval Base Charleston*	Coordinates: *2323459.10 E, 369264.86 N*
Location: *Charleston, SC*	Surface Elevation: *7.2 feet msl*
Started at *0900 on 10-11-94*	TOC Elevation: *9.83 feet msl*
Completed at *1310 on 10-11-94*	Depth to Groundwater: *7.60 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.23 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *60 feet bgs*
Geologist: *B. Doll*	Well Screen: *50 to 59.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			3	100	0					
25								Clay: as above, soft to medium plasticity, with fibrous plant matter.		
30							OH			2" ID, Sch. 40 PVC riser; grout
			4	100	0					
35								Clay: as above with increasing shell hash.		
40										

EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH02D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2323459.10 E, 369264.86 N*
Location: *Charleston, SC*	Surface Elevation: *7.2 feet msl*
Started at *0900 on 10-11-94*	TOC Elevation: *9.83 feet msl*
Completed at *1310 on 10-11-94*	Depth to Groundwater: *7.60 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.23 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *60 feet bgs*
Geologist: *B. Dol*	Well Screen: *50 to 59.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			5	100	0				
45							OH	Clay: gray-green, soft, fat marsh clay.	
50								Sand: fine with shell hash, stringers 1/4" thick at 50 to 55 feet.	42.8
			6	100	0				
55							OH SM	Clay: gray-green, fat, fine, marsh clay with 1-3" sand and shell hash stringers.	
60							OL	Clam shell and clam molds at 60 feet.	52.8

WELL DIAGRAM



EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH02D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323459.10 E, 369264.86 N*
Location: *Charleston, SC*	Surface Elevation: *7.2 feet msl*
Started at *0900 on 10-11-94*	TOC Elevation: *9.83 feet msl*
Completed at *1310 on 10-11-94*	Depth to Groundwater: *7.60 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.23 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *60 feet bgs*
Geologist: *B. Doll*	Well Screen: *50 to 59.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
							OL	Clay: olive-brown, tight, dry - "Cooper Marl."	52.8	10-20 sand filter
65			7	100	0				57.8	
70										
75										
80										

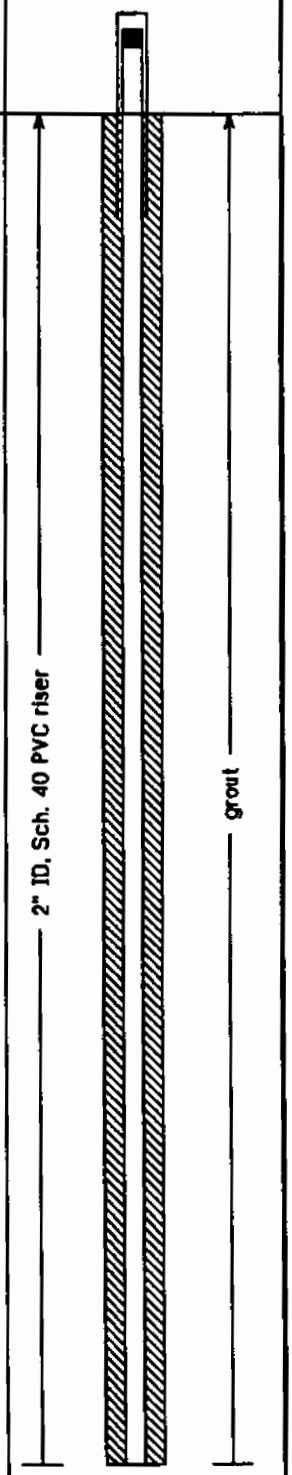
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH03D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323858.61 E, 37088120 N*
Location: *Charleston, SC*	Surface Elevation: *10.4 feet msl*
Started at *1045 on 10-12-94*	TOC Elevation: *12.85 feet msl*
Completed at *1415 on 10-12-94*	Depth to Groundwater: *7.07 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.78 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *B. Doll*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		1	100	0		SC	Fill: brown-orange, fine to medium sand, loose.	7.4
5							SM/SP	Sand: gray-green, medium to coarse with fine, brown-black pebbles and sharks' teeth.	5.4
10							SC	Sand: gray-green, fine to medium, clayey, with shell hash.	1.8
15							SM	Sand: gray-gree, fine, no clay.	-4.6
							OH	Clay: gray-green, fat marsh clay with plant material and oyster shells.	-5.6
20									

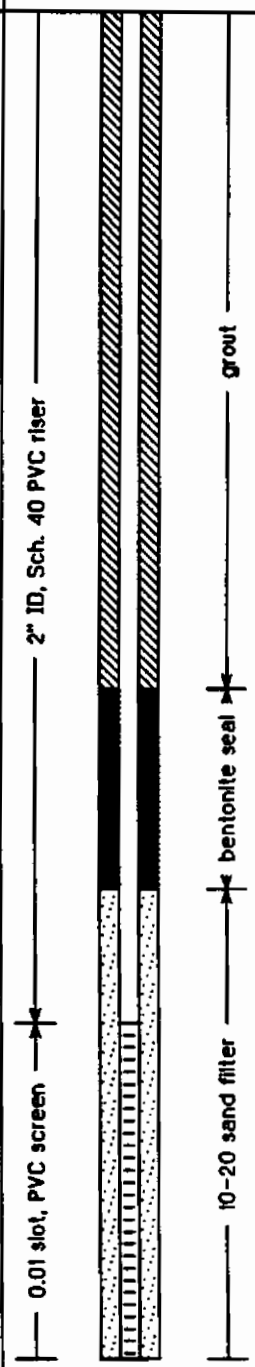
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH03D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2323858.61 E, 37088120 N*
Location: *Charleston, SC*	Surface Elevation: *10.4 feet msl*
Started at *1045 on 10-12-94*	TOC Elevation: *12.85 feet msl*
Completed at *1415 on 10-12-94*	Depth to Groundwater: *7.07 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.78 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *B. Doll*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			2	100	0				
25								Clay: as above with oyster shells and fine shell hash and small sand stringers.	
30							OH		
35									
40									

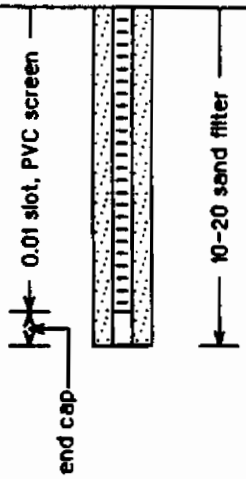
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH03D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2323858.61 E, 37088120 N*
Location: *Charleston, SC*	Surface Elevation: *10.4 feet msl*
Started at *1045 on 10-12-94*	TOC Elevation: *12.85 feet msl*
Completed at *1415 on 10-12-94*	Depth to Groundwater: *7.07 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.78 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *B. Doll*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							OH		
							SM	Sand: gray, fine to medium.	30.6
							OL	Clay: olive-brown, fine, tight - Cooper Marl.	32.8
45			3	100	0				34.6
50									
55									
60									

WELL DIAGRAM



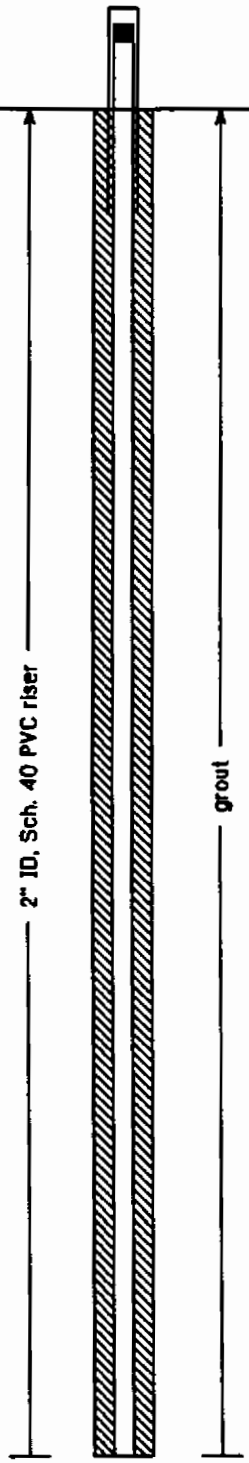
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH04D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2325920.39 E, 370788.35 N*
Location: *Charleston, SC*	Surface Elevation: *9.1 feet msl*
Started at *0800 on 10-19-94*	TOC Elevation: *11.72 feet msl*
Completed at *1130 on 10-19-94*	Depth to Groundwater: *6.56 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.19 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *63 feet bgs*
Geologist: *B. Doll*	Well Screen: *53 to 62.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		1	100	5			Top soil, ROC, loose, brown, sandy fill.	
5					90			Wood with heavy petroleum odor and staining; "moth ball" odor reported as well. 5' of wooden RR tie with black soil.	
10									
15									
20									

WELL DIAGRAM



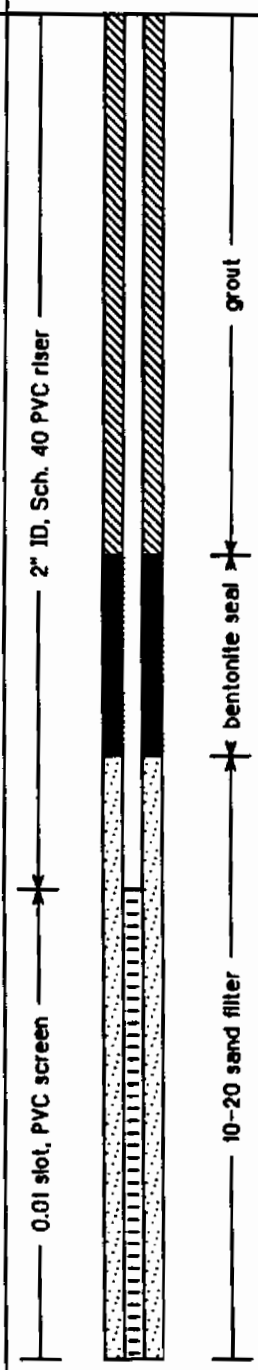
EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH04D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2325920.39 E, 370788.35 N*
Location: *Charleston, SC*	Surface Elevation: *9.1 feet msl*
Started at *0800 on 10-19-94*	TOC Elevation: *11.72 feet msl*
Completed at *1130 on 10-19-94*	Depth to Groundwater: *6.56 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.19 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *63 feet bgs*
Geologist: *B. Doll*	Well Screen: *53 to 62.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			2	20	500					
25								Clay: gray-green, fine, fat marsh clay with some shell hash at 26'.	-15.9	
30								4" of fine sand.		2" ID, Sch. 40 PVC riser; grout
							OH			
35										
40										

EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH04D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2325920.39 E, 370788.35 N*
Location: *Charleston, SC*	Surface Elevation: *9.1 feet msl*
Started at *0800 on 10-19-94*	TOC Elevation: *11.72 feet msl*
Completed at *1130 on 10-19-94*	Depth to Groundwater: *6.56 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.19 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *63 feet bgs*
Geologist: *B. Doll*	Well Screen: *53 to 62.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			3	100	55				
45							OH	Clay: gray-green, fine, fat marsh clay with some shell hash and minor fine sand.	
50									
									44.9
55							SP SM	Sand: gray, very coarse, with shell hash.	
60									

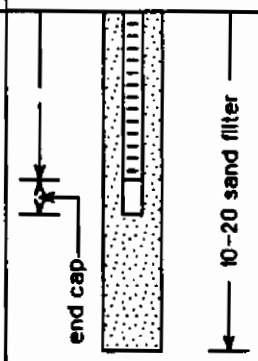
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH04D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2325920.39 E, 370788.35 N*
Location: *Charleston, SC*	Surface Elevation: *9.1 feet msl*
Started at *0800 on 10-19-94*	TOC Elevation: *11.72 feet msl*
Completed at *1130 on 10-19-94*	Depth to Groundwater: *6.56 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *5.19 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *63 feet bgs*
Geologist: *B. Doll*	Well Screen: *53 to 62.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SP SM		
			4	100	0		OL	Clay: olive-tan, very fine, tight, dry - Cooper Marl.	54.9
65									55.9
70									
75									
80									

WELL DIAGRAM



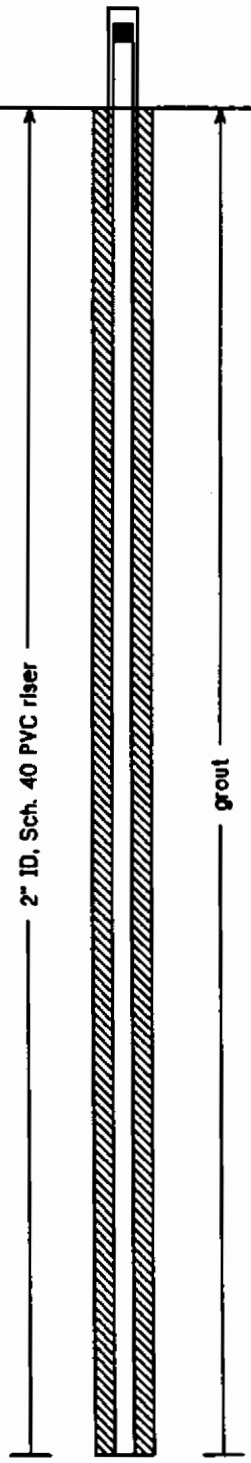
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH05D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324482.16 E, 368786.55 N*
Location: *Charleston, SC*	Surface Elevation: *11.7 feet msl*
Started at *0820 on 10-17-94*	TOC Elevation: *14.35 feet msl*
Completed at *1045 on 10-17-94*	Depth to Groundwater: *7.67 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *6.68 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *63 feet bgs*
Geologist: *B. Doll*	Well Screen: *53 to 62.5 feet bgs*

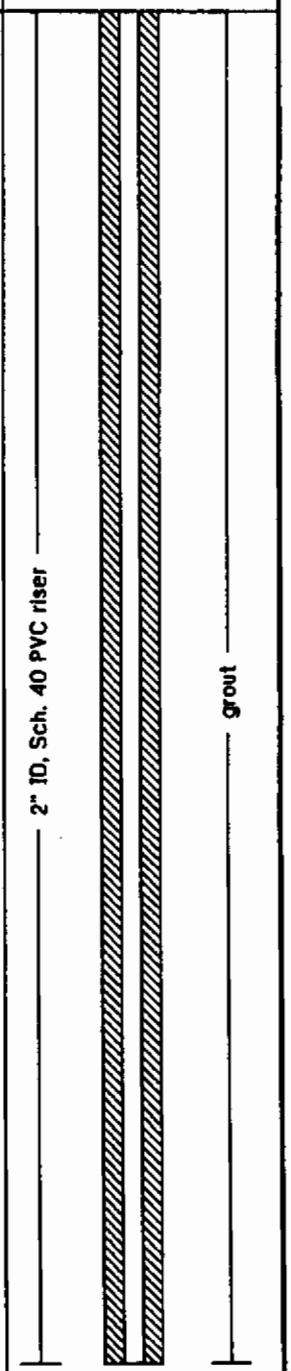
DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		1	100	0		SC	Sand: olive-brown, fine, marly, clayey, loose.	8.7
							OL	Clay: brown with red, tight, chunky.	7.2
5					2		SM	Sand: gray to gray-green, fine to medium becoming predominantly fine at 13 feet bgs; some shells at 9 to 10 feet bgs.	6.7
10									
							OH	Clay: gray-green, fine, fat, damp marsh clay with no shells and few plant fibers.	1.3
15									
20									

WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH05D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2324482.16 E, 368786.55 N*
Location: *Charleston, SC*	Surface Elevation: *11.7 feet msl*
Started at *0820 on 10-17-94*	TOC Elevation: *14.35 feet msl*
Completed at *1045 on 10-17-94*	Depth to Groundwater: *7.67 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *6.68 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *63 feet bgs*
Geologist: *B. Doll*	Well Screen: *53 to 62.5 feet bgs*

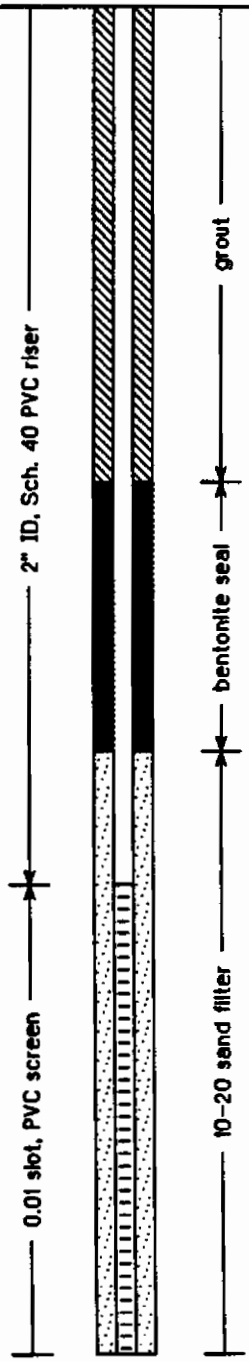
DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			2	100	18					
25								Clay: marsh clay as above with sand or shells and some plant matter.		
							OH			
30										
35					5		SM	Sand: fine, with snail shell hash.	23.3	
								Clay: green-gray, loose, marsh clay, with increasing sand and shell fragments in lower portion of interval.	24.3	
					6		SC OH			
40										



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH05D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2324482.16 E, 368786.55 N*
Location: *Charleston, SC*	Surface Elevation: *11.7 feet msl*
Started at *0820 on 10-17-94*	TOC Elevation: *14.35 feet msl*
Completed at *1045 on 10-17-94*	Depth to Groundwater: *7.67 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *6.68 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *63 feet bgs*
Geologist: *B. Doll*	Well Screen: *53 to 62.5 feet bgs*

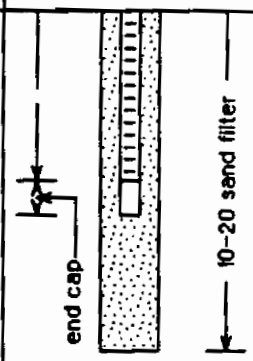
DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			3	100	14		SC OH		
45							OH	Clay: marsh clay as above, medium plasticity, with some shells and sand, no plant material.	33.3
50					12				41.3
			4	100	10		SC OH	Clay: marsh clay with increasing fine sand and shell content.	
55							OH	Clay: gray-green, fine, fat, tight, with sand.	43.3
							SW	Sand: gray-green, coarse.	46.3
							OH	Clay: gray-green, fat marsh clay with fine sand.	47.3
60									

WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH05D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2324482.16 E, 368786.55 N*
Location: *Charleston, SC*	Surface Elevation: *11.7 feet msl*
Started at *0820 on 10-17-94*	TOC Elevation: *14.35 feet msl*
Completed at *1045 on 10-17-94*	Depth to Groundwater: *7.67 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *6.68 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *63 feet bgs*
Geologist: *B. Doll*	Well Screen: *53 to 62.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
					15		OH			
									51.3	
			5	100	4		OL	Clay: olive-brown, very fine, low plasticity, tight--Cooper Marl.		
65									53.3	
70										
75										
80										



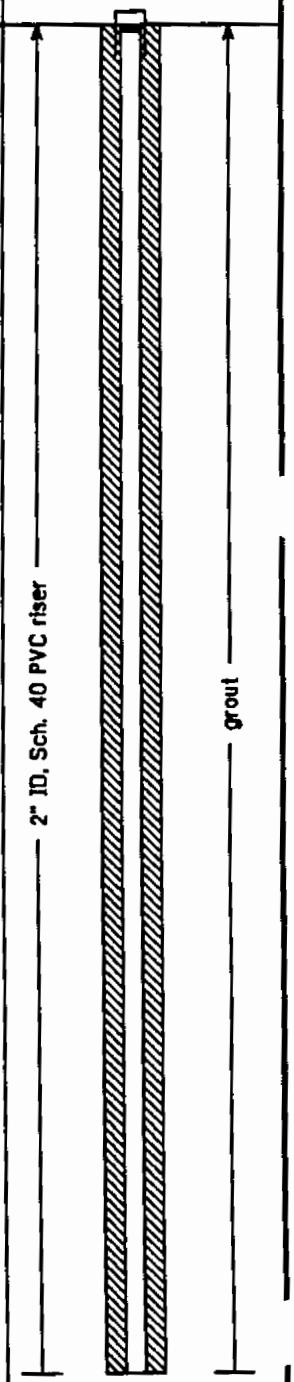
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH06D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323855.05 E, 371388.78 N*
Location: *Charleston, SC*	Surface Elevation: *7.8 feet msl*
Started at *1020 on 10-18-94*	TOC Elevation: *7.70 feet msl*
Completed at *1245 on 10-18-94*	Depth to Groundwater: *5.90 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *1.80 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *43 feet bgs*
Geologist: *B. Doll*	Well Screen: *33 to 42.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							FILL	Fill, material: concrete, loose sand, ROC, steel.	4.8
5			1	100	0		SM	Sand: green to black, medium to coarse, wet.	2.8
					3.5				
					6.0		SW	Sand: coarse sand and shell hash.	2
								Sand: coarse with shell and some clay lenses.	7
10					4.5		SC		
								Clay: gray-green, fine, fat marsh clay with some shells and very little sand.	5.2
			2	100	5.0		OH		
15									
20									

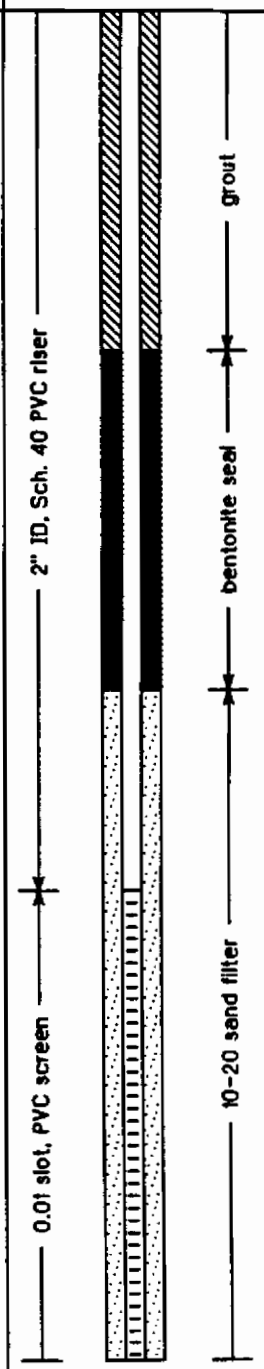
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH06D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2323855.05 E, 371388.78 N*
Location: *Charleston, SC*	Surface Elevation: *7.8 feet msl*
Started at *1020 on 10-18-94*	TOC Elevation: *7.70 feet msl*
Completed at *1245 on 10-18-94*	Depth to Groundwater: *5.90 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *1.80 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *43 feet bgs*
Geologist: *B. Doll*	Well Screen: *33 to 42.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			3	100	4.0		OH		
25							SW	Heavy shell hash and oyster bed.	17.2
					5.0			Clay: marsh clay as above with some shells.	18.2
30							OH		
			4	100	5.0				
35					5.0		SC OH	Sand: gray-green, fine to medium, with gray-green, fat clay lenses.	27.2
40									

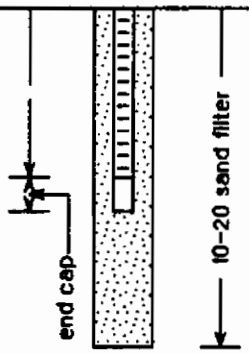
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH06D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2323855.05 E, 371388.78 N*
Location: *Charleston, SC*	Surface Elevation: *7.8 feet msl*
Started at *1020 on 10-18-94*	TOC Elevation: *7.70 feet msl*
Completed at *1245 on 10-18-94*	Depth to Groundwater: *5.90 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *1.80 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *43 feet bgs*
Geologist: *B. Dol*	Well Screen: *33 to 42.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SP SC		
							OL	Clay: olive-brown, silty, tight, dry - Cooper Marl.	35.2
45			5	100	7.0				37.2
50									
55									
60									

WELL DIAGRAM



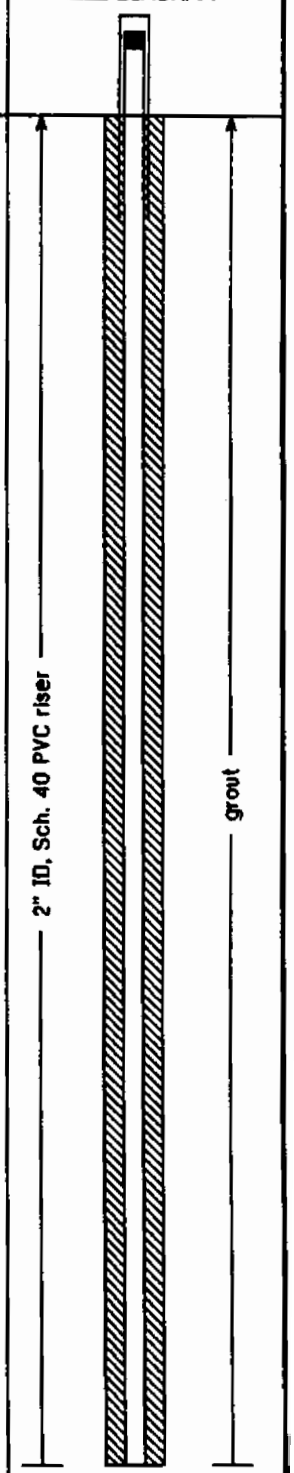
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH07D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2326375.34 E, 370408.48 N*
Location: *Charleston, SC*	Surface Elevation: *9.3 feet msl*
Started at *1330 on 10-22-94*	TOC Elevation: *11.85 feet msl*
Completed at *1515 on 10-22-94*	Depth to Groundwater: *9.64 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.21 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *43 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *33 to 42.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
									9.3
				100	0		OL	Marl.	
5								Marl.	
									2.3
							SP	Sand: medium, well-sorted.	
									1.3
							OL	Marl.	
10									
									4.7
							SP	Sand: black, fine to medium.	
15									
									8.7
							OH	Marsh clay: no sand.	
20									

WELL DIAGRAM



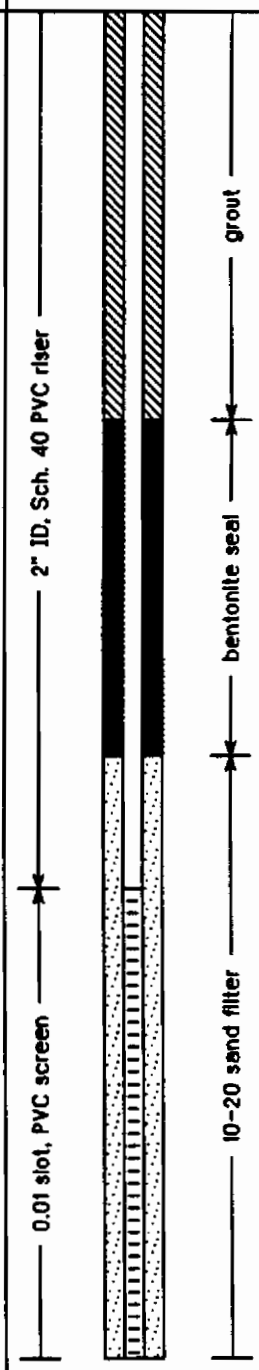
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH07D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2326375.34 E, 370408.48 N*
Location: *Charleston, SC*	Surface Elevation: *9.3 feet msl*
Started at *1330 on 10-22-94*	TOC Elevation: *11.85 feet msl*
Completed at *1515 on 10-22-94*	Depth to Groundwater: *9.64 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.21 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *43 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *33 to 42.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
				100	0				
25								Marsh clay: with shelly sand partings and lenses.	
30							OH		
35									
40									

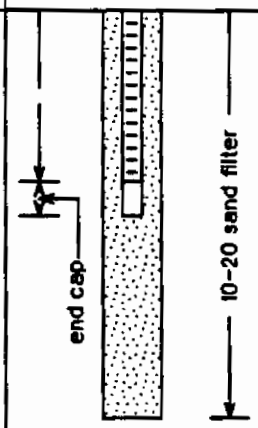
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH07D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2326375.34 E, 370408.48 N*
Location: *Charleston, SC*	Surface Elevation: *9.3 feet msl*
Started at *1330 on 10-22-94*	TOC Elevation: *11.85 feet msl*
Completed at *1515 on 10-22-94*	Depth to Groundwater: *9.64 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *2.21 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *43 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *33 to 42.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							OH		
									33.7
				100	0		OL	Marl.	
45									35.7
50									
55									
60									

WELL DIAGRAM



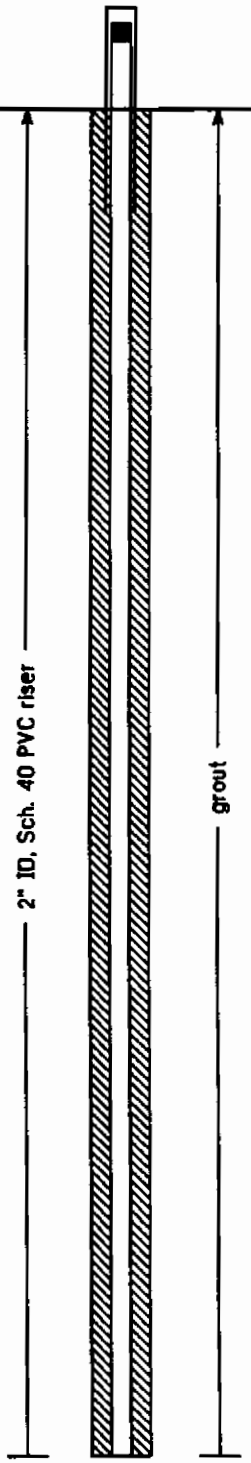
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH08D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324800.74 E, 369216.65 N*
Location: *Charleston, SC*	Surface Elevation: *10.3 feet msl*
Started at *1515 on 10-19-94*	TOC Elevation: *13.1 feet msl*
Completed at *1645 on 10-19-94*	Depth to Groundwater: *7.96 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" coring bit)*	Groundwater Elevation: *5.14 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *B. Doll*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		1	100			SC OH	Clayey, sandy soil to fine, fat, damp, gray-green marsh clay with some plant material.	7.3
5							SC	Clay: gray-green and tan, sandy, loose, medium plasticity.	5.3
10									
							OH	Clay: gray-green, fine, fat marsh clay.	1.7
15									
20									

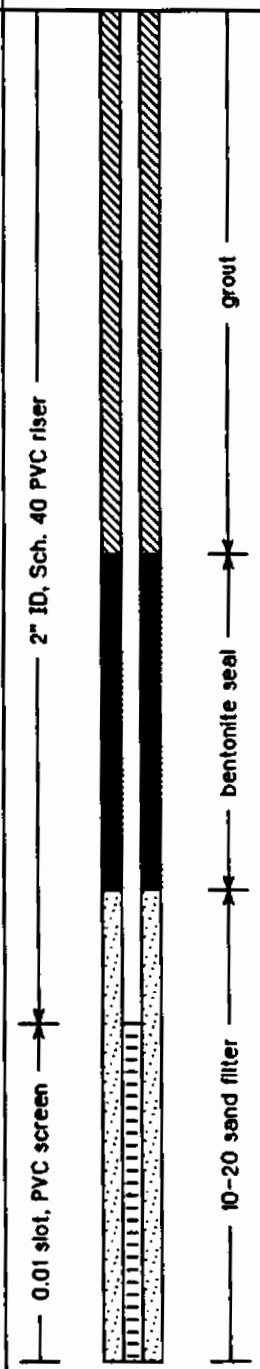
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH08D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2324800.74 E, 369216.65 N*
Location: *Charleston, SC*	Surface Elevation: *10.3 feet msl*
Started at *1515 on 10-19-94*	TOC Elevation: *13.1 feet msl*
Completed at *1645 on 10-19-94*	Depth to Groundwater: *7.96 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" coring bit)*	Groundwater Elevation: *5.14 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *B. Dol*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			2	100					
25								Clay: as above with some shell and plant material.	
30							OH		
35									
40							SC		-29.7

WELL DIAGRAM



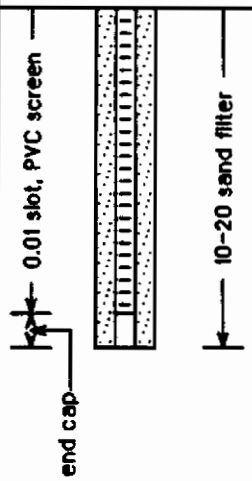
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH08D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324800.74 E, 369216.65 N*
Location: *Charleston, SC*	Surface Elevation: *10.3 feet msl*
Started at *1515 on 10-19-94*	TOC Elevation: *13.1 feet msl*
Completed at *1645 on 10-19-94*	Depth to Groundwater: *7.96 feet TOC* Measured: *6/21/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" coring bit)*	Groundwater Elevation: *5.14 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *45 feet bgs*
Geologist: *B. Doll*	Well Screen: *35 to 44.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SC	Sand: gray-green, clayey, with shells and large phosphated nodules at 44 feet bgs.	23.7
			3	100			OL	Clay: olive-tan, tight, dry - Cooper Marl.	33.7
45									34.7
50									
55									
60									

WELL DIAGRAM



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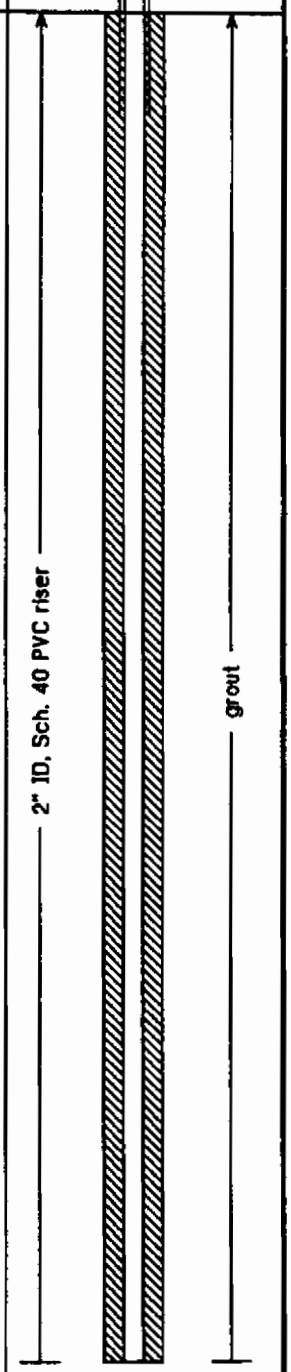
Monitoring Well NBCHGDH09D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324613.37 E, 368247.19 N*
Location: *Charleston, SC*	Surface Elevation: *10.9 feet msl*
Started at *1535 on 10-21-94*	TOC Elevation: *13.29 feet msl*
Completed at *1755 on 10-21-94*	Depth to Groundwater: *6.75 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *6.54 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *53 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *43 to 52.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		1	0	100		FILL	Fill: loose, sandy with shells.	7.9
5							SC	Sand: green and tan, clayey, with shells.	5.9
10							SM	Sand: gray-green.	.9
							OH	Clay: black and gray-green marsh clay.	-1.1
15							SC	Clay: olive, tan, sandy.	-4.1
20									

WELL DIAGRAM



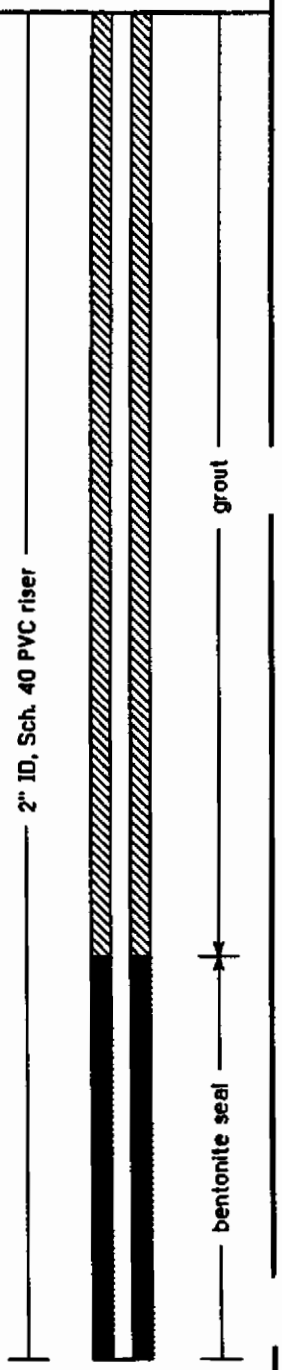
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH09D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324613.37 E, 368247.19 N*
Location: *Charleston, SC*	Surface Elevation: *10.9 feet msl*
Started at *1535 on 10-21-94*	TOC Elevation: *13.29 feet msl*
Completed at *1755 on 10-21-94*	Depth to Groundwater: *6.75 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *6.54 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *53 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *43 to 52.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			2	0	100		SC		
25								Clay: gray-green, fine, fat marsh clay.	14.1
30							OH		
35									
40							SC		29.1

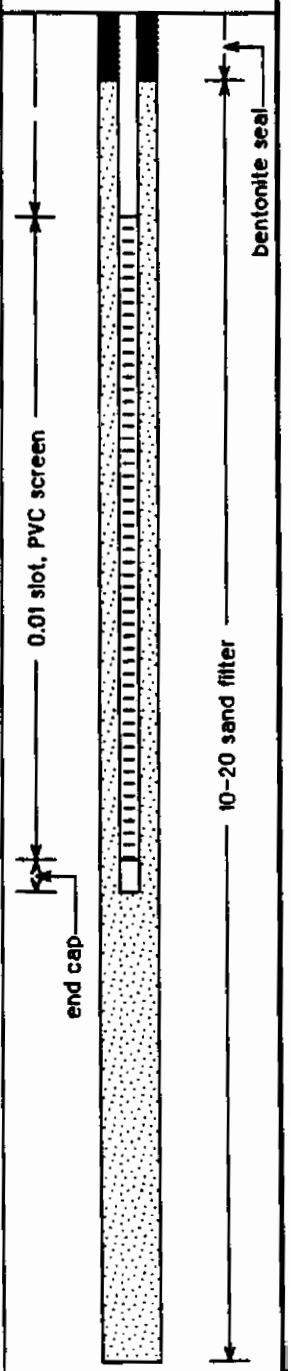
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH09D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2324613.37 E, 368247.19 N*
Location: *Charleston, SC*	Surface Elevation: *10.9 feet msl*
Started at *1535 on 10-21-94*	TOC Elevation: *13.29 feet msl*
Completed at *1755 on 10-21-94*	Depth to Groundwater: *6.75 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *6.54 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *53 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *43 to 52.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Sand: gray-green, clayey, with shell hash.	29.1
			3	0	100		SC		
45								Clay: fine, silty marsh clay with some shells, damp.	34.1
50							OH		
								High concentration of shells at bottom of marsh clay.	42.1
								Clay: olive, tan, tight, dry, fine, sandy-- Cooper Marl.	
55							OL		
			4	0	100				
60									49.1

WELL DIAGRAM



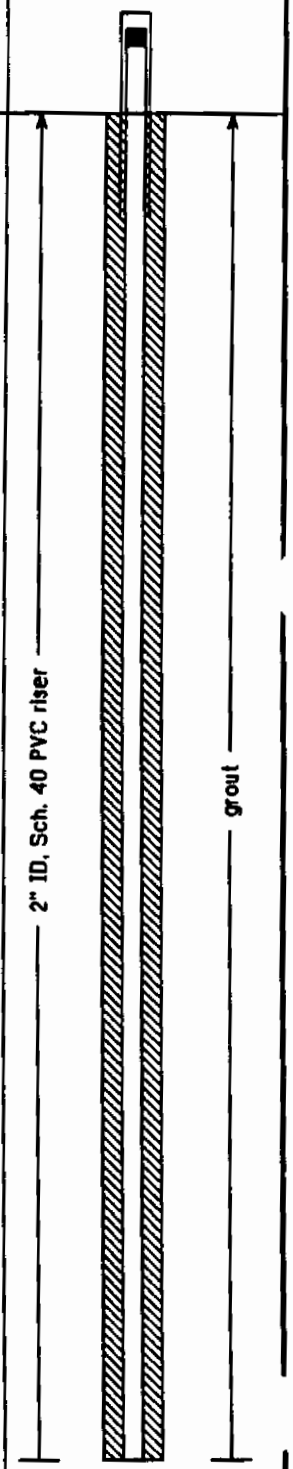
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH10D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2324315.21 E, 367752.30 N*
Location: *Charleston, SC*	Surface Elevation: *7.3 feet msl*
Started at *1335 on 10-15-94*	TOC Elevation: *9.59 feet msl*
Completed at *1600 on 10-15-94*	Depth to Groundwater: *4.98 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.61 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *65 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *55 to 64.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		1	100	0		SC	Sand: brown, clayey, with plant matter.	4.3
5							OH	Clay: gray-green to black, fine, fat, damp, with plant material and a few shells.	2.3
10									
							OL	Marl lense interbedded with gray-green marsh clay.	4.7 / 5.2
							SM	Sand: gray-green, fine to medium, with shell hash, wet.	
15							SC	Sand: olive-tan, fine, marly, clayey.	7.7
20									

WELL DIAGRAM



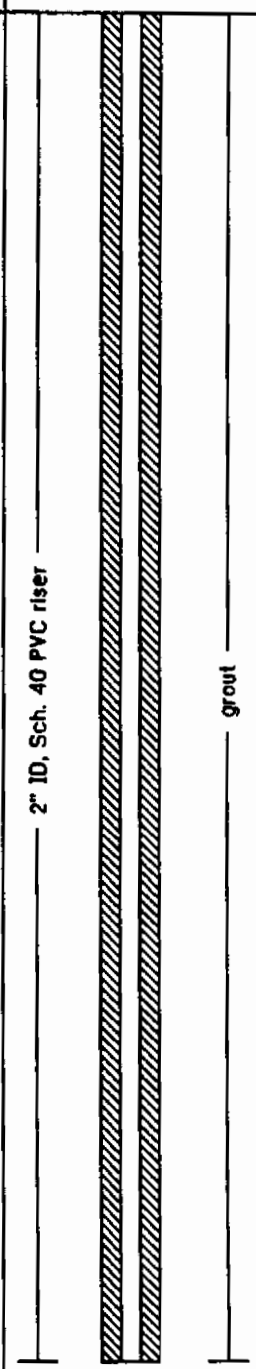
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH10D

Project: *Zone H–Naval Base Charleston*	Coordinates: *2324315.21 E, 367752.30 N*
Location: *Charleston, SC*	Surface Elevation: *7.3 feet msl*
Started at *1335 on 10–15–94*	TOC Elevation: *9.59 feet msl*
Completed at *1600 on 10–15–94*	Depth to Groundwater: *4.98 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.61 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *65 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *55 to 64.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
							SC	Sand: gray-green, clayey, with loose oyster bed.	14.2
								Clay: gray-green to black, fine, fat, damp, marsh clay.	
			2	100	7.4				
25								Clay: as above with a few shells and no plant material.	
30							OH		
35									
40									

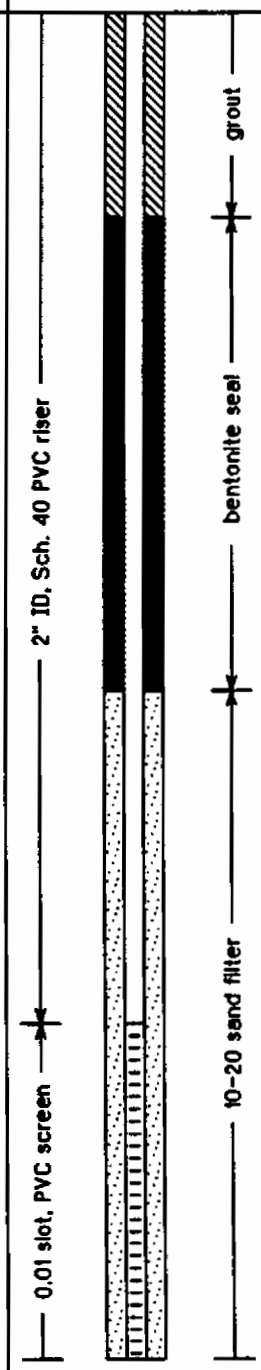
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH10D
Project: *Zone H–Naval Base Charleston*	Coordinates: *2324315.21 E, 367752.30 N*
Location: *Charleston, SC*	Surface Elevation: *7.3 feet msl*
Started at *1335 on 10–15–94*	TOC Elevation: *9.59 feet msl*
Completed at *1600 on 10–15–94*	Depth to Groundwater: *4.98 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.61 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *65 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *55 to 64.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
			3	100	5			Five 1 mm thick, fine sand lenses from 43–45 feet bgs.	
45								Clay: gray–green, fat marsh clay with shell lenses varying between 1/2 to 6" thickness at 46, 51, 58 feet bgs.	
50							OH		
55									
60									

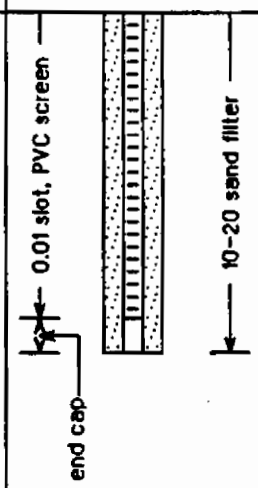
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH10D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2324315.21 E, 367752.30 N*
Location: *Charleston, SC*	Surface Elevation: *7.3 feet msl*
Started at *1335 on 10-15-94*	TOC Elevation: *9.59 feet msl*
Completed at *1600 on 10-15-94*	Depth to Groundwater: *4.98 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" ID coring bit)*	Groundwater Elevation: *4.61 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *65 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *55 to 64.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							OH		
							SP	Sand: gray, isolated lense in marsh clay.	54.7
							OL	Cooper Marl	55.7
			4	100	0				
65									57.7
70									
75									
80									

WELL DIAGRAM



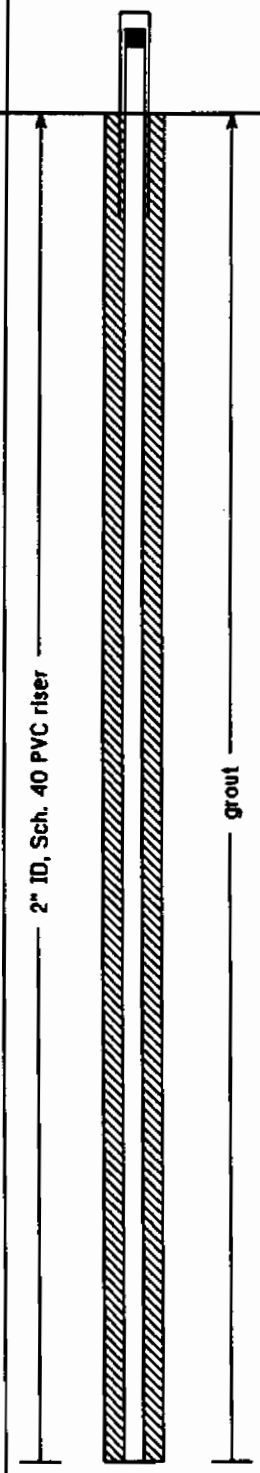
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH11D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323504.04 E, 368621.90 N*
Location: *Charleston, SC*	Surface Elevation: *7. feet msl*
Started at *1400 on 10-14-94*	TOC Elevation: *9.55 feet msl*
Completed at *1710 on 10-14-94*	Depth to Groundwater: *1.44 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" coring bit)*	Groundwater Elevation: *8.11 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *58 feet bgs*
Geologist: *B. Doll*	Well Screen: *48 to 57.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0		SM	Sand: brown, wet.	4
							OH	Clay: black and green, loose, chunky.	3
5							SC	Sand: gray-green, loose, wet, clayey.	2
							OH	Clay: olive-tan and gray-green, fat, with shell hash.	0
							SM	Sand: gray-green, medium-fine with shell hash, loose, wet.	1
10									
							OH	Clay: gray-green marsh clay, fine, fat, damp, with plants, no sand.	5
15									
20									

WELL DIAGRAM



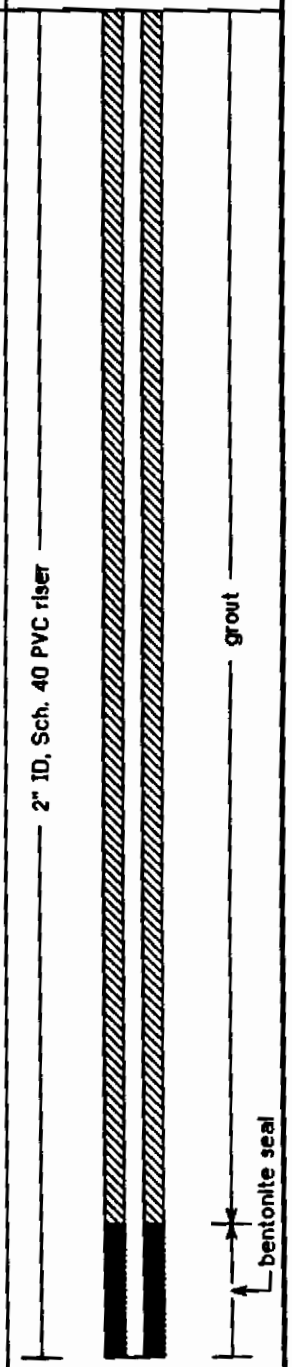
EnSafe/Allen & Hoshall

Monitoring Well NBCHGDH11D

Project: *Zone H-Naval Base Charleston*	Coordinates: *2323504.04 E, 368621.90 N*
Location: *Charleston, SC*	Surface Elevation: *7. feet msl*
Started at *1400 on 10-14-94*	TOC Elevation: *8.55 feet msl*
Completed at *1710 on 10-14-94*	Depth to Groundwater: *1.44 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" coring bit)*	Groundwater Elevation: *8.11 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *58 feet bgs*
Geologist: *B. Doll*	Well Screen: *48 to 57.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			2	100	0				
25								Clay: marsh clay as above with plant material and sand.	
30							OH	Clay: marsh clay as above with shell hash and oyster shells no sand from 30-32'.	
								Clay: marsh clay as above with sand and shell hash.	
35									
40									

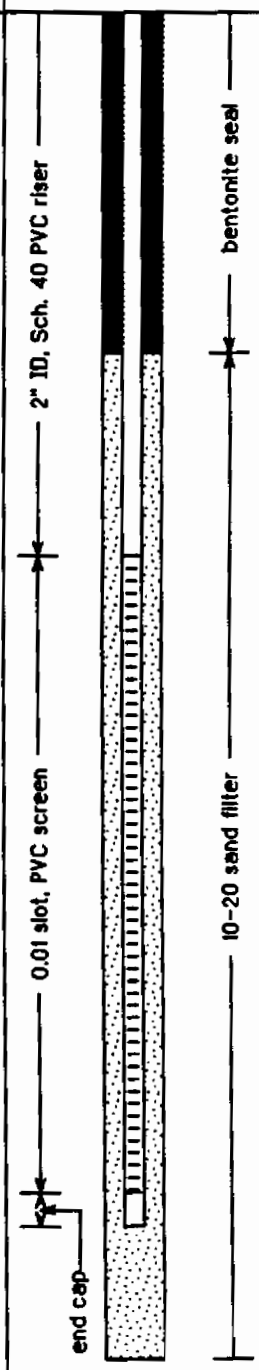
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH11D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2323504.04 E, 368621.90 N*
Location: *Charleston, SC*	Surface Elevation: *7. feet msl*
Started at *1400 on 10-14-94*	TOC Elevation: *9.55 feet msl*
Completed at *1710 on 10-14-94*	Depth to Groundwater: *1.44 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" coring bit)*	Groundwater Elevation: *8.11 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *58 feet bgs*
Geologist: *B. Doll*	Well Screen: *48 to 57.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			3	100	0				
45								Clay: marsh clay as above, no sand or shell hash.	
							OH		
50									
			4	100	0				
55								Clay: marsh clay as above with some marl below 57 feet and heavy shell and phosphate zone at 58 feet.	
								Clay: olive-tan, tight, dry - Cooper Marl.	51
							OL		
60									

WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCHGDH11D
Project: *Zone H-Naval Base Charleston*	Coordinates: *2323504.04 E, 368621.90 N*
Location: *Charleston, SC*	Surface Elevation: *7. feet msl*
Started at *1400 on 10-14-94*	TOC Elevation: *8.55 feet msl*
Completed at *1710 on 10-14-94*	Depth to Groundwater: *1.44 feet TOC* Measured: *6/20/95*
Drilling Method: *Rotasonic (7.5" OD casing, 3.8" coring bit)*	Groundwater Elevation: *8.11 feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *58 feet bgs*
Geologist: *B. Doll*	Well Screen: *48 to 57.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			5	100	0		OL			10-20 sand filter
65									58	
70										
75										
80										

EnSafe/Allen & Hoshall

Boring NBCH20HP01

Project: *ZONE H - Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Geologist: *Joe Matthews*
Started at *0945 on 9-19-94*	Surface Elevation: *Unknown feet msl*
Completed at *1500 on 9-19-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA and hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Depth: *NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
5	X		1	100	0		ML OH	Topsoil: dark brown to black, some clay, woody, with root stems.	
10	X		2	100	0		OH GC	Clay: brown with fine gravel, organic, high plasticity, little to no silt.	
15	X		3	0				Hydropunch. NO RECOVERY.	
20							SM SC		

EnSafe/Allen & Hoshall	Boring NBCH20HP01
Project: *ZONE H – Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Geologist: *Joe Matthews*
Started at *0945 on 9-19-94*	Surface Elevation: *Unknown feet msl*
Completed at *1500 on 9-19-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA and hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Depth: *NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		4	25	0		SM SC	Sand: dark gray, fine, silty, clayey, soft, very wet.	
25	X		5	25	0		OL OH	Clay: dark gray, very soft, wet.	
30	X		6	25	0		OL OH	Clay: as above, very organic and wet.	
35	X		7	25	0		OL OH	Clay: dark gray, silty, organic, very wet.	
40									

EnSafe/Allen & Hoshall

Boring NBCH20HP01

Project: *ZONE H – Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Geologist: *Joe Matthews*
Started at *0945 on 9-19-94*	Surface Elevation: *Unknown feet msl*
Completed at *1500 on 9-19-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA and hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Depth: *NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Hydropunch. NO RECOVERY.	
			8	0					
45									
50									
55									
60									

EnSafe/Allen & Hoshall	Boring NBCH20HP01
Project: *ZONE H – Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Geologist: *Joe Matthews*
Started at *0945 on 9-19-94*	Surface Elevation: *Unknown feet msl*
Completed at *1500 on 9-19-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA and hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Depth: *NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								2' of Cooper Marl in lead auger.	
65								Hydropunch to 65' bgs.	
70									
75									
80									

EnSafe/Allen & Hoshall	Monitoring Well NBCH20HP02
Project: *ZONE H - Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Surface Elevation: *Unknown feet msl*
Started at *0955 on 9-21-94*	TOC Elevation: *Unknown feet msl*
Completed at *Unknown on 9-21-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA and hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *NA feet bgs*
Geologist: *Joe Matthews*	Well Screen: *NA to NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
							FILL	Lithology determined from cuttings to 35' bgs.		
								Topsoil and fill. Metal, gravel.		
5										
10							ML			
15										
20										

EnSafe/Allen & Hoshall	Monitoring Well NBCH20HP02
Project: *ZONE H – Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Surface Elevation: *Unknown feet msl*
Started at *0955 on 9-21-94*	TOC Elevation: *Unknown feet msl*
Completed at *Unknown on 9-21-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA and hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *NA feet bgs*
Geologist: *Joe Matthews*	Well Screen: *NA to NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
25							ML			
30								Strong sulfur odor.		
35	X		1	66	0		SM	Sand: silty, clayey.		
							CL	Clay: very little silt and no sand.		
40			2	85	0		OL OH			

EnSafe/Allen & Hoshall

Monitoring Well NBCH20HP02

Project: *ZONE H – Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Surface Elevation: *Unknown feet msl*
Started at *0955 on 9-21-94*	TOC Elevation: *Unknown feet msl*
Completed at *Unknown on 9-21-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA and hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *NA feet bgs*
Geologist: *Joe Matthews*	Well Screen: *NA to NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X						OL OH	Clay: dark gray to greenish-gray, organics, wet.		
45							CL	Clay: brown, silty, dry.		
								TD = 50' bgs.		
50										
55										
60										

EnSafe/Allen & Hoshall	Monitoring Well NBCH20HP03
Project: *ZONE H – Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Surface Elevation: *Unknown feet msl*
Started at *1220 on 9-21-94*	TOC Elevation: *Unknown feet msl*
Completed at *Unknown on 9-21-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA with hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *NA feet bgs*
Geologist: *Joe Matthews*	Well Screen: *NA to NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
							FILL SW	Lithology determined from cuttings.		
								Topsoil and fill with black, poorly sorted, fine to coarse sand.		
5										
10							OL OH			
15								Clay: marsh mud with very little to no silt.		
20										

EnSafe/Allen & Hoshall	Monitoring Well NBCH20HP03
Project: *ZONE H – Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Surface Elevation: *Unknown feet msl*
Started at *1220 on 9-21-94*	TOC Elevation: *Unknown feet msl*
Completed at *Unknown on 9-21-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA with hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *NA feet bgs*
Geologist: *Joe Matthews*	Well Screen: *NA to NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
25							OL OH			
30								Marsh mud.		
								35' to 40' bgs hydropunch.		
35			1	92	0					
40										

EnSafe/Allen & Hoshall

Monitoring Well NBCH20HP04

Project: *ZONE H – Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Surface Elevation: *Unknown feet msl*
Started at *0800 on 9-22-94*	TOC Elevation: *Unknown feet msl*
Completed at *Unknown on 9-22-94*	Depth to Groundwater: *14.5 feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA with hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *NA feet bgs*
Geologist: *Joe Matthews*	Well Screen: *NA to NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
							GC	Lithology determined from cuttings to 35' bgs.		
								Gravel: black, poorly sorted, silty, with topsoil and metal.		
								Clay: marsh mud		
5										
10								Plastic shavings and clay.		
							OL/OH			
15								GW at 14.5' bgs.		
								Clay: little to no silt – Marsh Mud.		
20										

EnSafe/Allen & Hoshall	Monitoring Well NBCH20HP04
Project: *ZONE H – Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Surface Elevation: *Unknown feet msl*
Started at *0800 on 9-22-94*	TOC Elevation: *Unknown feet msl*
Completed at *Unknown on 9-22-94*	Depth to Groundwater: *14.5 feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA with hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *NA feet bgs*
Geologist: *Joe Matthews*	Well Screen: *NA to NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
								Marsh Mud. Very wet.		
25							OL/OH			
30										
35	X		1	55	0		SM	Sand: brown-black, silty, dry, hard.		
								Hydropunch 35' to 40' bgs.		
40										

EnSafe/Allen & Hoshall

Monitoring Well NBCH20HP05

Project: *ZONE H – Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Surface Elevation: *Unknown feet msl*
Started at *1145 on 9-22-94*	TOC Elevation: *Unknown feet msl*
Completed at *1600 on 9-22-94*	Depth to Groundwater: *15 feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA with hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *NA feet bgs*
Geologist: *John Hardy*	Well Screen: *NA to NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
							GC	Lithology determined from cuttings to 55' bgs. Gravel: with fine sand, silt, plastic shavings, and clay. PID = 50 ppm at the hole.		
5										
							CL OH	Clay: dark gray, little to no silt, no sand. GW at 15' bgs.		
10										
15										
20							OL OH			

EnSafe/Allen & Hoshall

Monitoring Well NBCH20HP05

Project: *ZONE H - Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Surface Elevation: *Unknown feet msl*
Started at *1145 on 9-22-94*	TOC Elevation: *Unknown feet msl*
Completed at *1600 on 9-22-94*	Depth to Groundwater: *15 feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA with hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *NA feet bgs*
Geologist: *John Hardy*	Well Screen: *NA to NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
								Clay: dark gray, little to no silt, marsh mud, very wet.		
25								Clay: as above, slight increase in silt and shell fragments.		
30							OL/OH			
35			1	88	0			Clay: as above, very wet but still cohesive.		
40										

EnSafe/Allen & Hoshall	Monitoring Well NBCH20HP05
Project: *ZONE H – Naval Base Charleston*	Coordinates: *Unknown E, Unknown N*
Location: *Charleston, SC*	Surface Elevation: *Unknown feet msl*
Started at *1145 on 9-22-94*	TOC Elevation: *Unknown feet msl*
Completed at *1600 on 9-22-94*	Depth to Groundwater: *15 feet TOC* Measured: *Unkonwn*
Drilling Method: *2.25" HSA with hydropunch*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Environmental Technology and Engineering*	Total Well Depth: *NA feet bgs*
Geologist: *John Hardy*	Well Screen: *NA to NA feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
								PID= 6 ppm at hole.		
							OL OH			
45			2	92	0			Clay: as above.		
50										
55			3	40				Hydropuch (55' to 60'). NO RECOVERY ON TWO TRIES. ABANDONED.		
60										

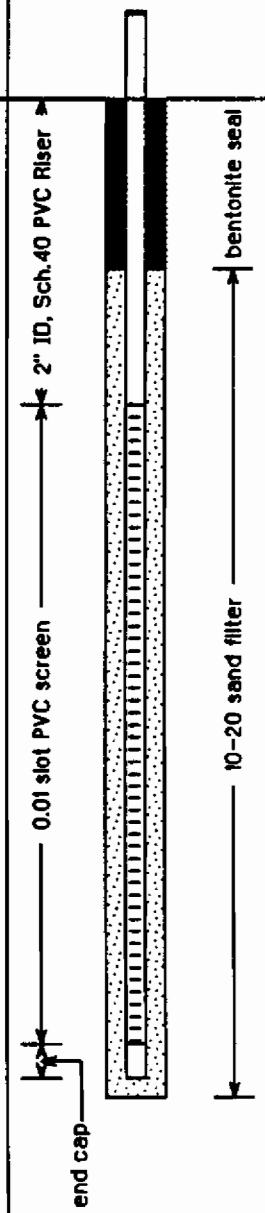
EnSafe/Allen & Hoshall

Monitoring Well NBCH20TW02

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2321677.46 E, 370620.92 N*
Location: *Charleston, SC*	Surface Elevation: *7.9 feet msl*
Started at *1355 on 10-4-94*	TOC Elevation: *Unknown feet msl*
Completed at *1415 on 10-4-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *None*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *14.8 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *4.5 to 14.0 feet bgs*

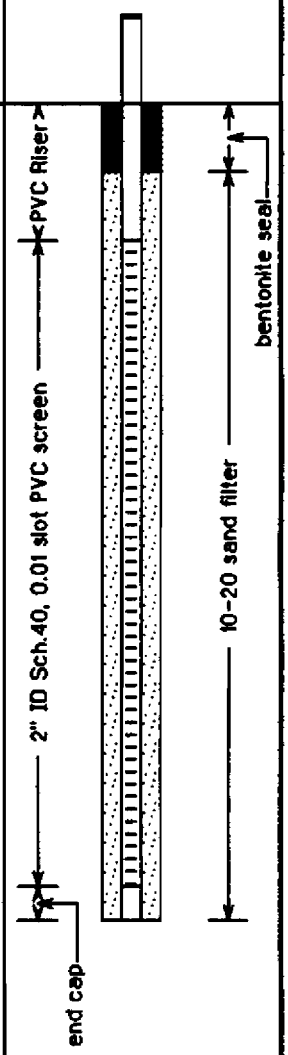
DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithologic logs not kept for NBCH20TW02.	
5									
10									
15								TD = 14.8' bgs.	
20									

WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH20TW03
Project: *ZONE H – Naval Base Charleston*	Coordinates: *2321556.23 E, 370464.28 N*
Location: *Charleston, SC*	Surface Elevation: *6.5 feet msl*
Started at *0810 on 10-5-94*	TOC Elevation: *Unknown feet msl*
Completed at *0830 on 10-5-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
								Lithologic logs were not kept for NBCH20TW03.		
5								Water table at ~6' bgs.		
10								TD = 12'.		
15										
20										

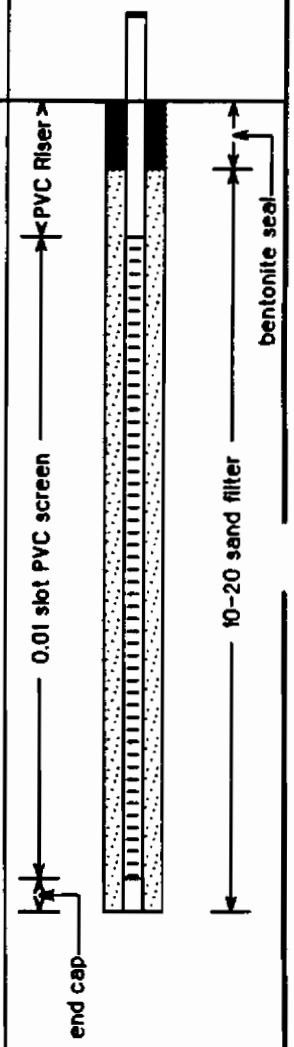


EnSafe/Allen & Hoshall

Monitoring Well NBCH20TW04

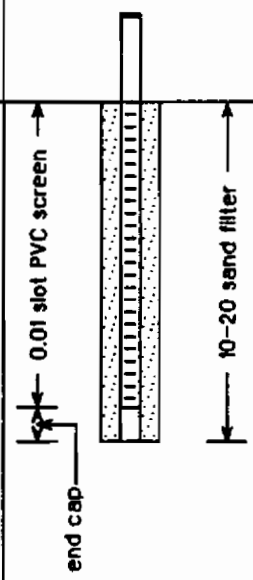
Project: *ZONE H – Naval Base Charleston*	Coordinates: *2321446.16 E, 370704.98 N*
Location: *Charleston, SC*	Surface Elevation: *6.6 feet msl*
Started at *0950 on 10-5-94*	TOC Elevation: *Unknown feet msl*
Completed at *1010 on 10-5-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
								Lithologic logs were not kept for NBCH20TW04.		
5								Auger cuttings have oily sheen coating.		
								Water table at ~7'bgs.		
10								TD = 12'.		
15										
20										



EnSafe/Allen & Hoshall	Monitoring Well NBCH20TW05
Project: *ZONE H – Naval Base Charleston*	Coordinates: *232227.58 E, 371052.16 N*
Location: *Charleston, SC*	Surface Elevation: *4.1 feet msl*
Started at *1610 on 10-7-94*	TOC Elevation: *Unknown feet msl*
Completed at *1625 on 10-7-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *None*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *5 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *0 to 5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
								Lithologic logs were not kept for NBCH20TW05.		
								Heavy fuel oil/solvent odor encountered at 4'. Cuttings are black clayey sand, ROC, and fill.		
5								TD = 5'.		
10										
15										
20										



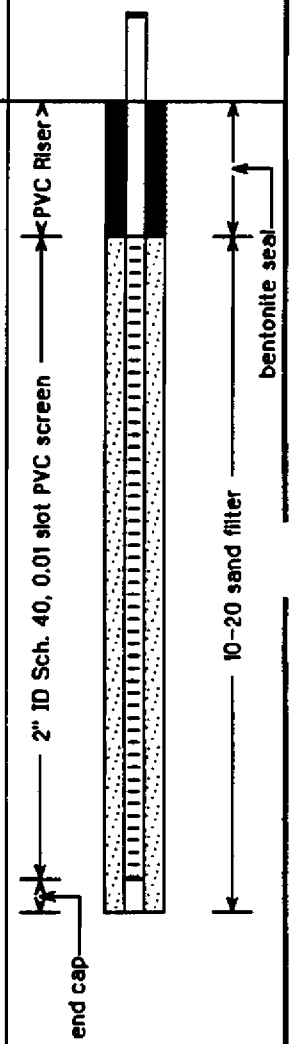
EnSafe/Allen & Hoshall

Monitoring Well NBCH20TW06

Project: *ZONE H - Naval Base Charleston*	Coordinates: *2321736.60 E, 370484.40 N*
Location: *Charleston, SC*	Surface Elevation: *7.6 feet msl*
Started at *1520 on 10-4-94*	TOC Elevation: *Unknown feet msl*
Completed at *1600 on 10-4-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithologic logs were not kept for NBCH20TW06.	
5								Concrete and plastic were obstructions to drilling at approximately 5'bgs; water at approximately 5' bgs.	
10								TD = 12'.	
15									
20									

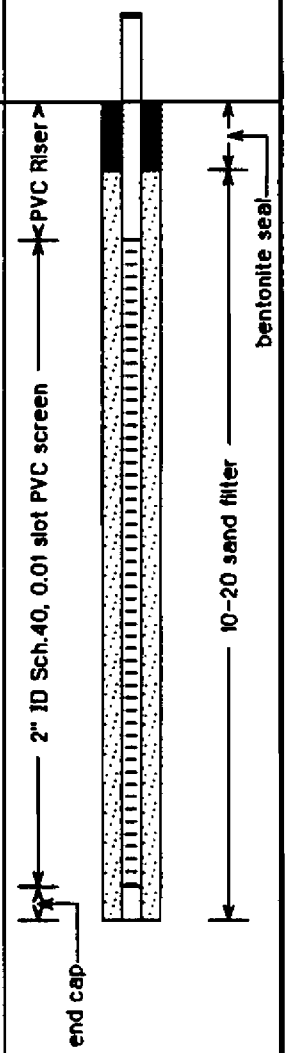
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH20TW07
Project: *ZONE H – Naval Base Charleston*	Coordinates: *2321342.35 E, 370890.15 N*
Location: *Charleston, SC*	Surface Elevation: *5.5 feet msl*
Started at *1050 on 10-5-94*	TOC Elevation: *Unknown feet msl*
Completed at *1100 on 10-5-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithology determined from drill cuttings.	
								Auger cuttings 3-12': Sand: gray to black, clayey, loose, wet.	2.5
5								Water table at ~5'bgs.	
							SC		
10									
								TD = 12'.	6.5
15									
20									

WELL DIAGRAM



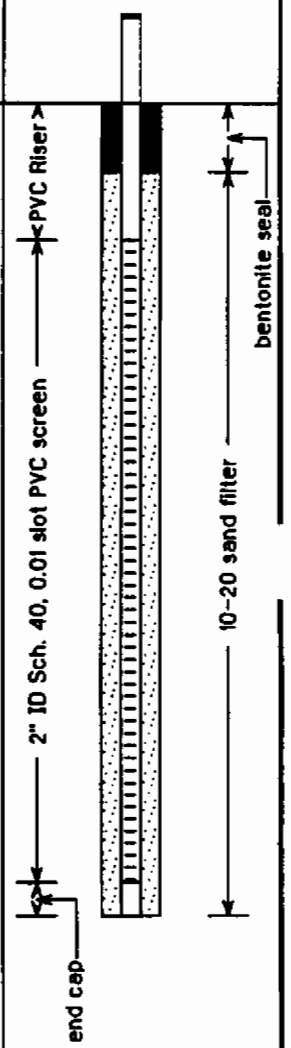
EnSafe/Allen & Hoshall

Monitoring Well NBCH20TW08

Project: *ZONE H - Naval Base Charleston*	Coordinates: *2320846.41 E, 371076.24 N*
Location: *Charleston, SC*	Surface Elevation: *5.4 feet msl*
Started at *1050 on 10-7-94*	TOC Elevation: *Unknown feet msl*
Completed at *1025 on 10-7-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithologic logs determined from auger cuttings.	
								Water table at ~ 3' bgs.	
5									-.4
							SC	Auger cuttings 5-12'-- Sand: gray to black, clayey, wet.	
10									-6.6
								TD = 12'.	
15									
20									

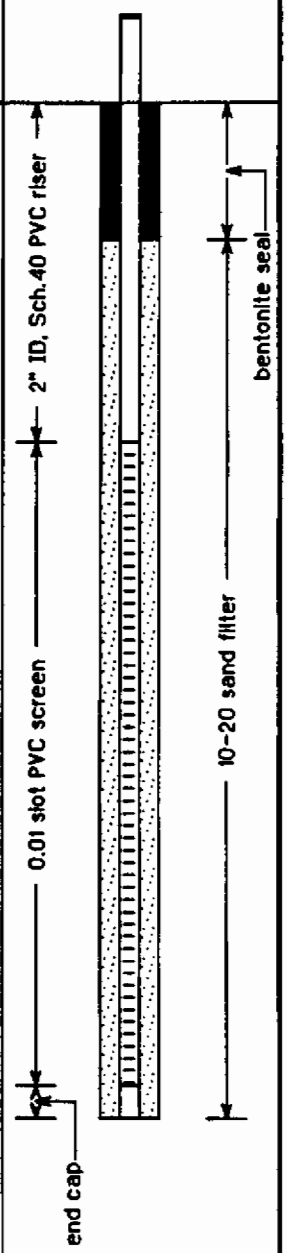
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH20TW09
Project: *ZONE H – Naval Base Charleston*	Coordinates: *2321043.03 E, 370864.78 N*
Location: *Charleston, SC*	Surface Elevation: *13.6 feet msl*
Started at *1215 on 10-6-94*	TOC Elevation: *Unknown feet msl*
Completed at *1250 on 10-6-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *15 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *5 to 14.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithologic logs were not kept for NBCH20TW09.	
5									
								Water table ~ 9' bgs.	
10									
15								TD = 15'.	
20									

WELL DIAGRAM



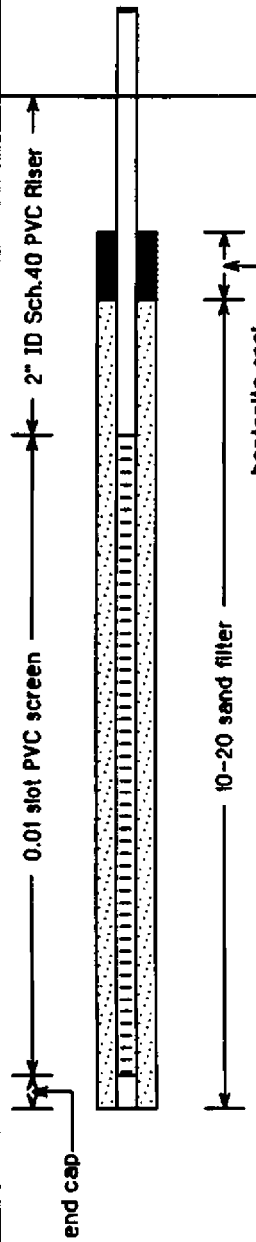
EnSafe/Allen & Hoshall

Monitoring Well NBCH20TW10

Project: *ZONE H - Naval Base Charleston*	Coordinates: *2321240.54 E, 370669.48 N*
Location: *Charleston, SC*	Surface Elevation: *11.7 feet msl*
Started at *1425 on 10-6-94*	TOC Elevation: *Unknown feet msl*
Completed at *1450 on 10-6-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *15 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *5 to 14.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithology determined from drill cuttings.	
5								Auger cuttings 0-15'-- Sand: black, clayey, wood and debris.	
							SC		
10								Water table ~ 10' bgs.	
15								TD = 15'.	3.3
20									

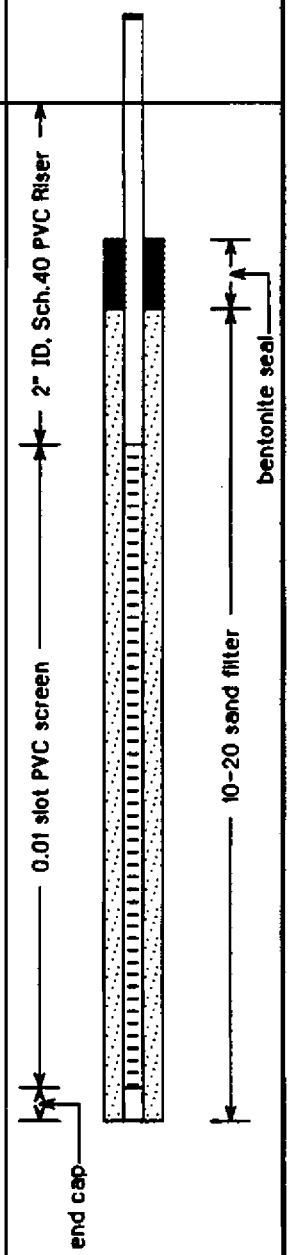
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH20TW11
Project: *ZONE H - Naval Base Charleston*	Coordinates: *2321375.23 E, 370458.03 N*
Location: *Charleston, SC*	Surface Elevation: *11.1 feet msl*
Started at *1630 on 10-6-94*	TOC Elevation: *Unknown feet msl*
Completed at *1655 on 10-6-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *15 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *5 to 14.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithology determined from drill cuttings.	
5								Auger cuttings 5-15'-- Sand: black, clayey, with wood and debris; grades into green, fat, clayey sand at 15'.	6.1
								Water table ~ 9' bgs.	
10							SC		
15								TD = 15'.	3.9
20									

WELL DIAGRAM



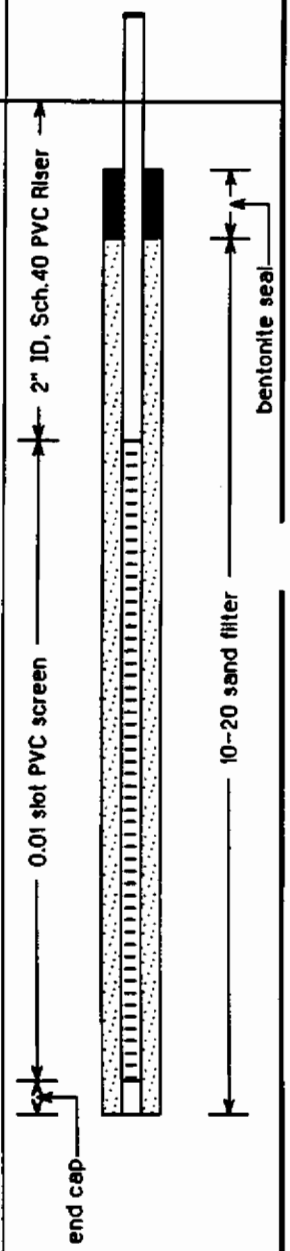
EnSafe/Allen & Hoshall

Monitoring Well NBCH20TW12

Project: *ZONE H - Naval Base Charleston*	Coordinates: *2321478.14 E, 370233.11 N*
Location: *Charleston, SC*	Surface Elevation: *9.5 feet msl*
Started at *0850 on 10-7-94*	TOC Elevation: *Unknown feet msl*
Completed at *0910 on 10-7-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *15 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *5 to 14.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithology determined from drill cuttings.	
5								Auger cuttings 0-15'-- Sand: brown-yellow, medium, clayey, loose,wet.	
							SC		
								Water table at ~ 9' bgs.	
10									
15								TD = 15'.	5.5
20									

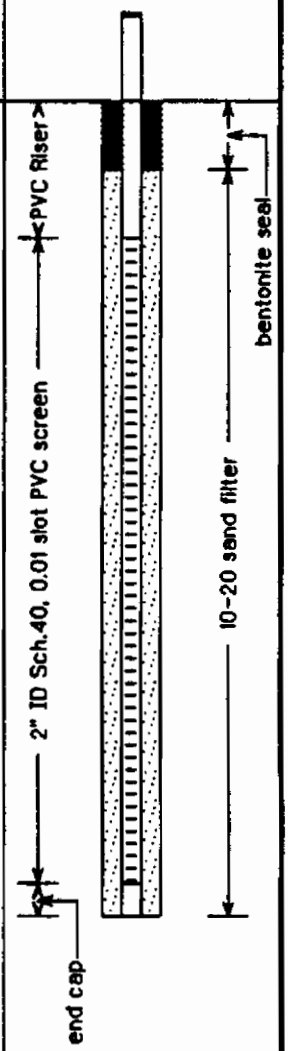
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH121TW1
Project: *ZONE H - Naval Base Charleston*	Coordinates: *2321687.88 E, 369666.30 N*
Location: *Charleston, SC*	Surface Elevation: *4.8 feet msl*
Started at *1330 on 10-5-94*	TOC Elevation: *Unknown feet msl*
Completed at *1345 on 10-5-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *None*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithology determined from drill cuttings.	
								Auger cuttings 0-12' -- Sand: gray to black, fine to medium, clayey, wet.	
5							SC	Water table at ~7' bgs.	
10									7.2
								TD = 12'.	
15									
20									

WELL DIAGRAM



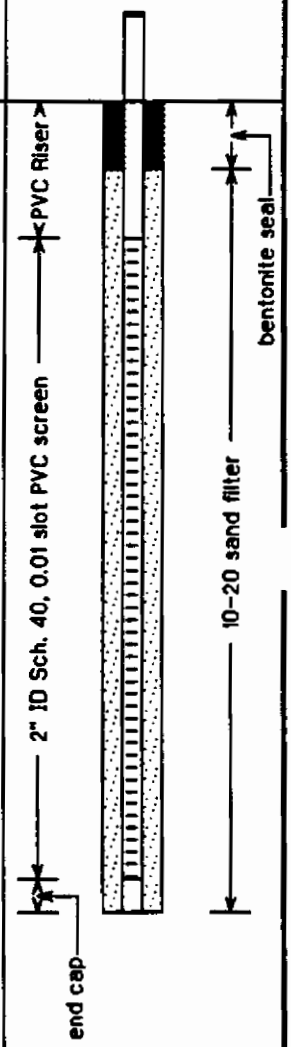
EnSafe/Allen & Hoshall

Monitoring Well NBCH121TW2

Project: *ZONE H – Naval Base Charleston*	Coordinates: *232503.47 E, 36967.20 N*
Location: *Charleston, SC*	Surface Elevation: *6.9 feet msl*
Started at *1440 on 10-5-94*	TOC Elevation: *Unknown feet msl*
Completed at *1525 on 10-5-94*	Depth to Groundwater: *Unknown feet* TOC Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithologic logs were not kept for NBCH121TW2.	
5								Water table ~ 5' bgs. TD = 12'.	
10									
15									
20									

WELL DIAGRAM



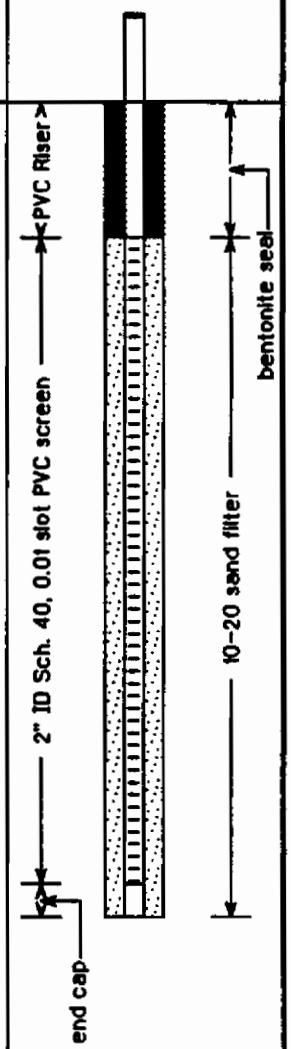
EnSafe/Allen & Hoshall

Monitoring Well NBCH121TW3

Project: *ZONE H – Naval Base Charleston*	Coordinates: *2321609.72 E, 369925.02 N*
Location: *Charleston, SC*	Surface Elevation: *6.7 feet msl*
Started at *1615 on 10-8-94*	TOC Elevation: *Unknown feet msl*
Completed at *1630 on 10-8-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithology determined from drill cuttings.	
								Water table ~ 3' bgs.	3.7
5								Auger cuttings 3-12': Sand: gray to black, soft, clayey, wet.	
							SC		
10									5.3
								TD = 12'.	
15									
20									

WELL DIAGRAM



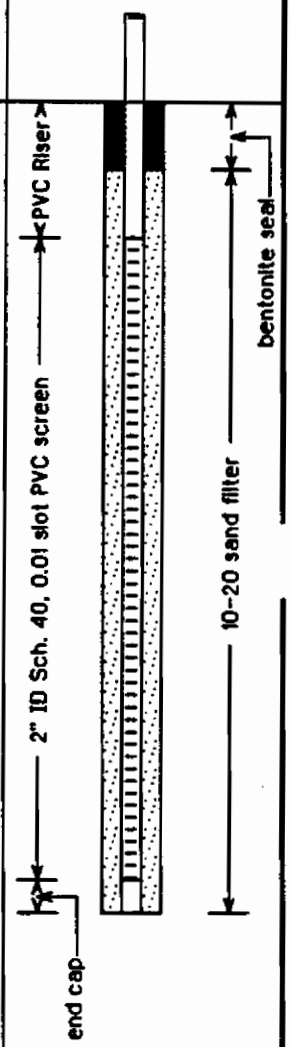
EnSafe/Allen & Hoshall

Monitoring Well NBCH121TW4

Project: *ZONE H - Naval Base Charleston*	Coordinates: *2321683.02 E, 369451.10 N*
Location: *Charleston, SC*	Surface Elevation: *6.0 feet msl*
Started at *0915 on 10-6-94*	TOC Elevation: *Unknown feet msl*
Completed at *1120 on 10-6-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *Britton Dotson*	Well Screen: *2 to 11.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithologic logs were not kept for NBCH121TW4.	
5								Concrete encountered in upper 5'. Landfill material (rags, fabric, steel) down to 12'.	
10									
								TD = 12'.	
15									
20									

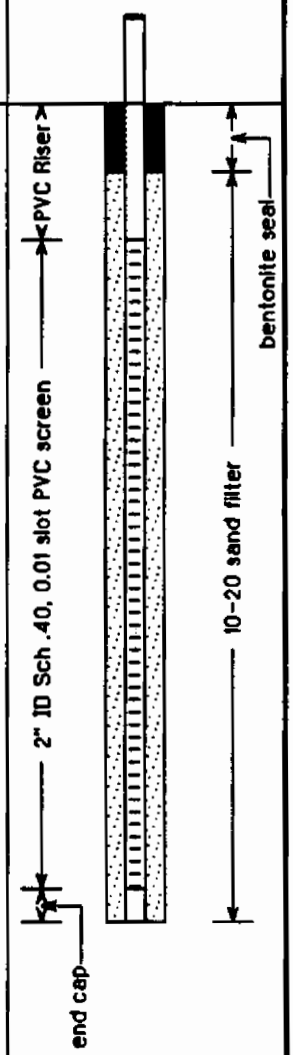
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well NBCH121TW5
Project: *ZONE H – Naval Base Charleston*	Coordinates: *232182397 E, 369965.38 N*
Location: *Charleston, SC*	Surface Elevation: *7.8 feet msl*
Started at *1305 on 10-7-94*	TOC Elevation: *Unknown feet msl*
Completed at *1420 on 10-7-94*	Depth to Groundwater: *Unknown feet TOC* Measured: *none*
Drilling Method: *4.25" ID (7.5" OD) HSA*	Groundwater Elevation: *Unknown feet msl*
Drilling Company: *Alliance Environmental*	Total Well Depth: *12 feet bgs*
Geologist: *S. Weatherford*	Well Screen: *2 to 12 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Lithology determined from drill cuttings.	
								Water table ~ 2' bgs.	
5								Auger cuttings from 0-12'-- Sand: black, clayey, wet.	
							SC		
10									
								TD = 12'.	4.2
15									
20									

WELL DIAGRAM



Appendix C

Groundwater Sampling Forms

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH009GW00101

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-19-94

WELL NO.: NBCH\009-001 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.71

Depth to water surface from TOC (ft.) 5.73

Length of water (ft.) 10.98

Volume of water (ft.) _____

(gal.) 1.87

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.61

PURGING

Time started 1000 Finished 1102

Volume purged 7.5 g

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1105

Finish 1135

IN-SITU TESTING

Time:	1012	1024	1030	1041	1053	1102	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2.5	3.5	4.5	5.5	6.5	7.5	
Turbidity	3	3	2	3	2	3	
Odor							
pH (units)	8.67	7.64	8.39	8.55	8.51	8.58	
Conductivity ~~(µmhos)~~ mS/cm	3.27	3.19	3.01	3.01	2.98	2.96	
Water Temperature (°C)	20.2	21.6	22.6	22.7	23.0	23.2	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, tinted, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM 009GW002C

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11/2/94

WELL NO.: 009-002 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: T. Temple C. Dhority

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? 009-02D

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? 009-02D

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 17.87

Depth to water surface from TOC (ft.) 4.91

Length of water (ft.) 12.96

Volume of water (ft.)

(gal.) 2.2

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 6.6

PURGING

Time started 1345 Finished 1514

Volume purged 7

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1515

Finish 1648

IN-SITU TESTING

Time:	1358	1414	1426	1438	1451	1503	1514
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1	2	3	4	5	6	7
Turbidity	20	12	7	3	1	0	0
Odor	None	None	None	None	None	None	None
pH (units)	7.16	7.14	7.00	7.03	7.01	7.08	6.95
Conductivity ~~(units)~~ mS/cm	~~3.57~~ ~~264~~	~~3.62~~ ~~261~~	~~3.30~~ ~~263~~	~~3.79~~ ~~248~~	3.93	4.48	4.39
Water Temperature (°C)	26.9	25.1	26.3	248	22.1	20.7	20.5
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 0096W02D0

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-2-94

WELL NO.: 009-02D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: T. Temple C Dhority

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? GDH-003

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? GDH-003

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 57.16

Depth to water surface from TOC (ft.) 5.22

Length of water (ft.) 51.94

Volume of water (ft.) ~~8.83~~

(gal.) ~~26.49~~ 8.83

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 26.49

PURGING

Time started 0915 Finished 1215

Volume purged 28

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1216

Finish 1255

IN-SITU TESTING

Time:	0925	0942	1006	1031	1056	1155	1215
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2	6	10	14	18	26	28
Turbidity	7	159	23	11	2	0	0
Odor	None	None	None	None	None	None	None
pH (units)	6.69	6.84	6.85	6.84	6.83	6.92	6.86
Conductivity (~~mmhos~~) mS/cm	31.4	31.9	29.5	27.0	27.2	28.7	27.9
Water Temperature (°C)	11.8	13.6	16.0	20.0	20.6	20.1	20.3
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\009GW02D

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-2-94

WELL NO.: NBCH\009-02D LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 62.62

Depth to water surface from TOC (ft.) 1.63

Length of water (ft.) 60.99

Volume of water (ft.) _____

(gal.) 10.37

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 31.11

PURGING

Time started 0940 Finished 1453

Volume purged 42 g

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1455

Finish 1520

IN-SITU TESTING

Time:	0949	1041	1113	1141	1228	1247	1330	1452
	1	2	3	4	5	6	7	8
Well Volume Purged (gal.)	2.0	10.0	15.0	20.0	25.0	30.0	35.0	42.0
Turbidity	33	>1000	121	225	115	76	68	28
Odor								
pH (units)	6.75	6.75	6.79	6.81	6.72	6.80	6.68	6.65
Conductivity ~~mmhos~~ mS/cm	30.1	33.1	33.0	33.0	32.4	31.7	32.6	32.8
Water Temperature (°C)	19.1	19.3	19.7	20.0	20.3	20.3	20.9	20.8
Depth to water (ft.)								

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 009GW00301

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-18-96

WELL NO.: NBCH\009-003 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: L. Hrun, B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\GDH 06D

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\GDH 06D

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.29

Depth to water surface from TOC (ft.) 4.50

Length of water (ft.) 10.79

Volume of water (ft.)

(gal.) 1.75

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.5

PURGING

Time started 1400 Finished 1440

Volume purged 70g

Comments on Well Recovery

Depth to water (ft.) 4.50

Completion

Additional Comments

Sample Collected: Start 1445

Finish 1515

IN-SITU TESTING

Time:	1405	1411	1415	1418	1434	1438	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.5	2.5	3.5	4.5	6	7	
Turbidity	5	0	0	0	0	0	
Odor							
pH (units)	8.47	8.53	8.46	8.47	8.53	8.50	
Conductivity ~~(mmho)~~ mS/cm	3.60	3.46	3.54	3.62	3.07	3.58	
Water Temperature (°C)	21.9	21.6	21.7	21.5	21.8	21.5	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 009GW03D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-18-94, 11-19-94

WELL NO.: NBCH \ 009 - 03D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: L. Ham, B. Dell

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH \ GDH 06D

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH \ GDH 06D

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 52.30

Depth to water surface from TOC (ft.) 3.21

Length of water (ft.) 49.09

Volume of water (ft.)

(gal.) 7.85

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 23.56

PURGING

Time started 1350 (11-18) Finished 1012 (11-19)

Volume purged 26 g

Comments on Well Recovery

Depth to water (ft.) 3.21

Completion

Additional Comments

Sample Collected: Start 1023 11-19

Finish 1120 11-19

IN-SITU TESTING

Time:	1420 11-18	1445 11-18	1530 11-18	1715 11-18	0933 11-19	0954 11-19	1011 11-19
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	5.0	10.0	15.0	20.0	22.5	24.0	26.0
Turbidity	2	1	0	0	10	10	10
Odor							
pH (units)	6.82	6.79	6.83	6.92	6.71	6.66	6.74
Conductivity (~~µmhos~~ mS/cm)	29.7	29.1	28.5	29.0	34.0	33.5	33.7
Water Temperature (°C)	20.7	22.0	22.0	21.4	18.3	18.3	18.4
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM0096W00401

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-21-94

WELL NO.: 009-004 LOCATION: Zone H

WEATHER CONDITIONS: Partly cloudy light rain AMBIENT TEMP: mid-60's

REVIEWED BY: PERSONNEL: B. Doll T. McCord

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.78

Depth to water surface from TOC (ft.) 3.21

Length of water (ft.) 13.57

Volume of water (ft.)

(gal.) 2.31

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 6.93

PURGING

Time started 0955 Finished 1037

Volume purged 8.0 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1041

Finish 1245

IN SITU TESTING

Time:	1004	1009	1015	1024	1027	1030	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2.5	3.5	5.0	7.0	7.5	8.0	
Turbidity	3	4	4	4	4	4	
Odor							
pH (units)	7.16	7.26	7.41	7.31	7.39	7.45	
Conductivity ~~(umhos)~~ mS/cm	20.9	21.4	21.7	22.4	22.3	22.2	
Water Temperature (°C)	22.4	22.0	21.7	21.6	21.5	21.6	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 009 GW 04D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-21-94

WELL NO.: NBCH 009-04D LOCATION: Zone H

WEATHER CONDITIONS: cloudy light rain AMBIENT TEMP: mid 60's

REVIEWED BY: PERSONNEL: B. Doll T. McCord

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 35.00

Depth to water surface from TOC (ft.) 4.05

Length of water (ft.) 30.95

Volume of water (ft.)

(gal.) 5.26

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 15.78

PURGING

Time started 0940 Finished 1220

Volume purged 16.0 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1250

Finish 1405

IN-SITU TESTING

Time:	0955	1018	1041	1108	1129	1210	1217
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2.0	5.0	7.5	10.0	12.5	15.0	16.0
Turbidity	5	4	2	1	11	1	0
Odor							
pH (units)	6.61	6.63	6.67	6.62	6.62	6.63	6.64
Conductivity ~~(mmhos)~~ µS/cm	34.8	35.7	37.8	37.7	36.7	37.0	37.5
Water Temperature (°C)	23.1	21.9	21.6	23.4	24.4	23.1	22.8
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH009GW0050

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-2-94

WELL NO.: NBCH\009.005 LOCATION: Zone H

WEATHER CONDITIONS: Sunny AMBIENT TEMP: low 70's

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.85

Depth to water surface from TOC (ft.) 3.06

Length of water (ft.) 12.79

Volume of water (ft.)

(gal.) 2.17

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 6.51

PURGING

Time started 0930 Finished 1040

Volume purged 6.5 g

Comments on Well Recovery

Depth to water (ft.) 3.06

Completion

Additional Comments

Sample Collected: Start 1045

Finish 1158

IN-SITU TESTING

Time:	0946	0955	1000	1009	1018	1029	1036
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.5	2.5	3.0	4.0	5.0	6.0	6.5
Turbidity	39	28	21	17	11	7	5
Odor							
pH (units)	6.90	6.98	6.97	6.96	6.93	6.94	6.98
Conductivity (~~mmho~~) mC/cm	6.08	6.45	6.33	6.66	7.03	6.98	7.22
Water Temperature (°C)	19.7	20.3	20.5	20.1	20.1	20.7	20.8
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM009GW00601

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-22-94

WELL NO.: 009 - 006 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: T. Temple

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 18.06

Depth to water surface from TOC (ft.) 7.82

Length of water (ft.) 10.24

Volume of water (ft.)

(gal.) 1.74

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.22

PURGING

Time started 1430 Finished 1514

Volume purged

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1515

Finish NA

IN-SITU TESTING

Time:	1435	1445	1450	1455	1505	1511	1514
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	1.5	2.0	2.5	4.5	5.0	5.5
Turbidity	4	1	1	2	-10	-10	-10
Odor							
pH (units)	7.50	7.31	7.31	7.34	7.34	7.34	7.34
Conductivity (~~µmhos~~) mS/cm	0.438	0.423	0.421	0.422	0.447	0.432	0.428
Water Temperature (°C)	21.2	21.2	20.8	20.6	21.0	20.3	20.3
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH009GW06D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-22-94

WELL NO.: NBCH\009 - 06D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 37.51

Depth to water surface from TOC (ft.) 8.37

Length of water (ft.) 29.14

Volume of water (ft.)

(gal.) 4.95

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 14.85

PURGING

Time started 1500 Finished 1643

Volume purged 14.0 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1645

Finish NA

IN-SITU TESTING

Time:	1518	1540	1550	1610	1625	1637	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2.5	5.0	7.5	10.0	12.5	14.0	
Turbidity	250	359	181	44	2	4	
Odor							
pH (units)	6.80	6.85	6.76	6.78	6.82	6.82	
Conductivity ~~umhos~~ mS/cm	41.7	42.8	43.1	44.0	46.0	46.5	
Water Temperature (°C)	21.0	22.1	21.3	20.8	18.9	19.5	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH0096W00701

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-10-94

WELL NO.: NBCH\009-007 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.48

Depth to water surface from TOC (ft.) 4.62

Length of water (ft.) 11.86

Volume of water (ft.) _____

(gal.) 2.0

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 6.0

PURGING

Time started 0925 Finished 0956

Volume purged 6.75 g

Comments on Well Recovery _____

Depth to water (ft.) 4.62

Completion _____

Additional Comments _____

Sample Collected: Start 1010

Finish 1030

IN-SITU TESTING

Time:	0930	0935	0941	0946	0949	0956	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.25	2.5	3.75	5.0	5.75	6.75	
Turbidity	0	0	0	0	0	0	
Odor							
pH (units)	6.17	6.56	6.57	6.52	6.49	6.47	
Conductivity ~~(units)~~ mS/cm	14.1	17.0	15.3	16.6	15.9	16.3	
Water Temperature (°C)	33.9	27.4	28.5	24.4	25.6	24.7	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: NBCM009GW07D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-10-94

WELL NO.: NBCH\009-07D LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 72.46

Depth to water surface from TOC (ft.) 5.25

Length of water (ft.) 67.21

Volume of water (ft.) _____

(gal.) 11.4

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 37.2

PURGING

Time started 0925 Finished 1206

Volume purged 38.0 g

Comments on Well Recovery _____

Depth to water (ft.) 5.25

Completion _____

Additional Comments _____

Sample Collected: Start 1220

Finish NA

IN-SITU TESTING

Time:	0932	1008	1100	1140	1206		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2.5	10.0	20.5	30.5	38.0		
Turbidity	18	59	40	28	14		
Odor							
pH (units)	6.65	6.59	6.69	6.66	6.70		
Conductivity ~~(mmhos)~~ uS/cm	25.1	25.5	25.3	26.3	25.9		
Water Temperature (°C)	25.7	26.0	28.1	26.3	25.4		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM 009 GW 008 01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-28-94

WELL NO.: NBCH \ 009-008 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: B. Dell, T. Temple

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.60

Depth to water surface from TOC (ft.) 3.49

Length of water (ft.) 13.11

Volume of water (ft.)

(gal.) 2.23

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 6.69

PURGING

Time started 0905 Finished 1047

Volume purged 16 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1051

Finish 1128

IN-SITU TESTING Time: 0920

	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2.5	5.0	7.0	9.5	12.5	15.0	16.0
Turbidity	-10	-10	22	82	83	30	52
Odor							
pH (units)	6.04	6.80	6.76	6.80	6.76	6.85	6.86
Conductivity mS/cm	25.7	20.2	24.8	27.9	26.9	25.8	20.3
Water Temperature (°C)	21.2	20.0	21.4	21.3	21.5	21.6	20.4
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, tinted, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH009GW08D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-28-94

WELL NO.: NBCH 009 - 08D LOCATION: Zone H

WEATHER CONDITIONS: partly cloudy windy AMBIENT TEMP: mid-60's

REVIEWED BY: PERSONNEL: B. Dell, T. Temple

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 54.92

Depth to water surface from TOC (ft.) 0.00

Length of water (ft.) 54.92

Volume of water (ft.)

(gal.) 9.34

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 28.02

PURGING

Time started 0915 Finished 1605

Volume purged 30.0 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1612

Finish 1705

IN-SITU TESTING

Time:	0948	1040	1138	1246	1416	1604	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	5.0	10.0	15.0	20.0	25.0	30.0	
Turbidity	13	638	249	112	58	58	
Odor							
pH (units)	6.78	6.82	7.00	6.88	6.88	6.86	
Conductivity (~~units~~) mS/cm	43.5	43.1	42.9	43.0	42.0	44.8	
Water Temperature (°C)	21.6	21.5	22.7	23.0	25.1	20.3	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: NBCH009GW00901

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE:

WELL NO.: NBCH\009 - 009 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: L. Ham

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 17.84

Depth to water surface from TOC (ft.) 8.57

Length of water (ft.) 9.27

Volume of water (ft.)

(gal.) 1.57

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.71

PURGING

Time started 0910 Finished 1000

Volume purged 6.5 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1010

Finish 1040

IN-SITU TESTING

Time:	0910	0930	0945	0955	1000		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.5	3.0	4.5	6.5		
Turbidity	10	10	10	10	4		
Odor							
pH (units)	6.39	6.72	6.66	6.66	6.83		
Conductivity mS/cm	1.48	1.80	1.77	1.70	2.05		
Water Temperature (°C)	20.1	19.2	20.1	21.8	21.3		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH009GW01001

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-7-94

WELL NO.: NBCH\009-010 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: D. Niesse, C. Dhority

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 18.67

Depth to water surface from TOC (ft.) 5.37

Length of water (ft.) 13.30

Volume of water (ft.)

(gal.) 2.26

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 6.78

PURGING

Time started 1532 Finished 1645

Volume purged 12.0 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1652

Finish 1705

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1545	1558	1610	1626	1636	1644	
Well Volume Purged (gal.)	2.0	4.0	6.0	8.0	10.0	12.0	
Turbidity	59	0	0	0	0	0	
Odor							
pH (units)	6.53	6.47	6.39	6.36	6.48	6.37	
Conductivity ~~(µmhos)~~ mS/cm	17.8	16.8	14.8	17.4	16.1	15.9	
Water Temperature (°C)	21.8	21.5	20.1	21.3	21.3	21.1	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH009GW01101

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-5-94

WELL NO.: NBCH\009-011 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 18.48

Depth to water surface from TOC (ft.) 6.69

Length of water (ft.) 11.79

Volume of water (ft.) _____

(gal.) 2.00

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 6.00

PURGING

Time started 0945 Finished 1044

Volume purged 7.23

Comments on Well Recovery _____

Depth to water (ft.) 6.69

Completion _____

Additional Comments _____

Sample Collected: Start 1045

Finish 1105

IN-SITU TESTING

Time:	0952	1000	1008	1015	1024	1032	1044
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	5.0	6.0	7.23
Turbidity	11	3	1	0	0	0	0
Odor							
pH (units)	6.24	6.65	6.40	6.38	6.43	6.40	6.43
Conductivity ~~(units)~~ mS/cm	2.14	1.93	2.08	2.30	2.45	2.40	2.39
Water Temperature (°C)	24.7	27.7	26.1	25.1	26.5	25.6	26.3
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM0096W0120E

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-22-94

WELL NO.: NBCM\009 - 012 LOCATION: Zone M

WEATHER CONDITIONS: Sunny AMBIENT TEMP: 60s - 70's

REVIEWED BY: PERSONNEL: B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.40

Depth to water surface from TOC (ft.) 5.57

Length of water (ft.) 9.83

Volume of water (ft.)

(gal.) 1.67

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.00

PURGING

Time started 0911 Finished 0950

Volume purged 7.5 g

Comments on Well Recovery

Depth to water (ft.) 5.57

Completion

Additional Comments

Sample Collected: Start 0955

Finish 1031

IN-SITU TESTING

Time:	0917	0921	0925	0932	0936	0941	0948
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	5.0	6.0	7.5
Turbidity	176	65	41	23	6	8	10
Odor							
pH (units)	6.46	6.57	6.61	6.59	6.54	6.53	6.54
Conductivity ~~mmho~~ mS/cm	3.81	3.84	3.91	4.09	4.15	4.36	4.57
Water Temperature (°C)	19.5	19.0	19.4	19.3	19.1	20.3	18.3
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH009GW12D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-18-94

WELL NO.: NBCH \ 009 - 12D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 69.64

Depth to water surface from TOC (ft.) 6.11

Length of water (ft.) 63.53

Volume of water (ft.)

(gal.) 10.80

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 32.40

PURGING

Time started 0853 Finished 1255

Volume purged 32.5 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1258

Finish 1345

IN-SITU TESTING Time: 0902

	1	2	3	4	5	6	7	8
Well Volume Purged (gal.)	1.0	5.0	10.0	15.0	20.0	25.0	30.0	32.5
Turbidity	79	66	755	682	330	134	23	3
Odor								
pH (units)	7.61	7.04	7.04	7.06	7.10	7.02	7.04	7.02
Conductivity ~~(units)~~ mS/cm	5.43	45.2	48.1	47.0	45.7	43.5	40.9	42.0
Water Temperature (°C)	16.4	16.9	18.2	19.2	19.2	21.4	24.7	23.5
Depth to water (ft.)								

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 009 GW 01301

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-18-94

WELL NO.: NBCH \ 009 - 013 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH 009-12D

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH 009-12D

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.65

Depth to water surface from TOC (ft.) 5.10

Length of water (ft.) 10.55

Volume of water (ft.)

(gal.) 1.79

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.38

PURGING

Time started 1432 Finished 1510

Volume purged 5.5 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1512

Finish 1535

IN-SITU TESTING

Time:	1439	1445	1452	1459	1504	1507	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	5.0	5.5	
Turbidity							
Odor	Petroleum						
pH (units)	6.81	6.74	6.68	6.68	6.64	6.66	
Conductivity ~~(mmho)~~ mS/cm	12.5	11.0	9.6	9.1	5.08	4.89	
Water Temperature (°C)	25.1	24.9	24.3	23.6	24.5	25.1	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM0096W014C

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-29-94

WELL NO.: NBCH \ 009 - 014 LOCATION: Zone H

WEATHER CONDITIONS: mostly cloudy light rain AMBIENT TEMP:

REVIEWED BY: PERSONNEL: L. Ham

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.59

Depth to water surface from TOC (ft.) 5.49

Length of water (ft.) 10.10

Volume of water (ft.)

(gal.) 1.62

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.86

PURGING

Time started 0910 Finished 1010

Volume purged 5.5 g

Comments on Well Recovery

Depth to water (ft.) 5.49

Completion

Additional Comments

Sample Collected: Start 1015

Finish 1100

IN-SITU TESTING

Time:	0910	0915	0930	0945	0950	1010	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.0	1.0	2.0	3.0	4.0	5.5	
Turbidity	3	8	2	4	4	4	
Odor							
pH (units)	6.11	6.40	6.37	6.43	6.40	6.46	
Conductivity (~~mmho~~) mS/cm	13.1	13.9	13.7	13.5	14.5	13.0	
Water Temperature (°C)	18.9	19.1	19.8	19.4	18.4	22.9	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH009GW015C

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-22-94

WELL NO.: NBCH\009 - 015 LOCATION: Zone H

WEATHER CONDITIONS: Sunny AMBIENT TEMP: 70's

REVIEWED BY: PERSONNEL: B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.20

Depth to water surface from TOC (ft.) 7.13

Length of water (ft.) 8.07

Volume of water (ft.)

(gal.) 1.37

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.11

PURGING

Time started 1344 Finished 1454

Volume purged 4.5 g

Comments on Well Recovery /

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1500

Finish 1555

IN-SITU TESTING

Time:	1347	1400	1412	1422	1427	1434	1451
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.0	2.0	2.5	3.0	3.5	4.5
Turbidity	245	125	10	10	10	14	10
Odor							
pH (units)	7.00	7.04	7.04	6.88	6.92	6.99	6.93
Conductivity (~~mmhos~~ µS/cm	2.82	2.78	3.01	2.96	3.02	2.95	2.94
Water Temperature (°C)	25.9	25.6	22.7	21.6	21.4	21.3	20.6
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 0136W (01)

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-31-94

WELL NO.: 013-001 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: T. Temple S. Thompson

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? 655-001

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? 655-001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.44

Depth to water surface from TOC (ft.) 5.80

Length of water (ft.) 9.64

Volume of water (ft.)

(gal.) 1.64

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.92

PURGING

Time started 0915 Finished 1013

Volume purged 5.75

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1015

Finish 1045

IN-SITU TESTING

Time:	0923	0931	0942	0952	1004	1013	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1	1.5	2.75	3.75	4.75	5.75	
Turbidity	52	35	21	13	7	4	
Odor	None	None	None	None	None	None	
pH (units)	7.13	7.13	7.01	7.01	7.02	7.03	
Conductivity (umhos) mS/cm	.663	.644	.603	.595	.594	.602	
Water Temperature (°C)	23.4	23.6	23.5	23.4	23.6	24.2	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH013GW00201

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-31-94

WELL NO.: 013-002 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: T. Temple, S. Thompson

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? 013-001

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? 013-001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.15

Depth to water surface from TOC (ft.) 4.17

Length of water (ft.) 11.98

Volume of water (ft.) +

(gal.) 1.98

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.94

PURGING

Time started 0830 Finished 0922

Volume purged 6

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 0925

Finish 0945

IN-SITU TESTING

Time:	0845	0855	0901	0907	0913	0922	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1	2	3	4	5	6	
Turbidity	155	39	20	12	6	4	
Odor	None	None	None	None	None	None	
pH (units)	6.85	6.94	6.96	6.97	6.98	6.92	
Conductivity ~~mmhos~~ mS/cm	1.84	1.91	1.99	2.03	2.07	2.03	
Water Temperature (°C)	22.9	23.3	23.2	23.2	23.4	23.4	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque
Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH013GW00301

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10/31/94

WELL NO.: 013-003 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: /

REVIEWED BY: _____ PERSONNEL: T. Temple S. Thompson

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.64

Depth to water surface from TOC (ft.) 5.01

Length of water (ft.) 10.63

Volume of water (ft.) _____

(gal.) 1.81

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.43

PURGING

Time started 1125 Finished 1158

Volume purged 5.5

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1200

Finish 1215

IN-SITU TESTING

Time:	1129	1133	1137	1142	1146	1150	1155
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	.75	1.5	2.5	3.25	4.0	4.75	5.5
Turbidity	4	2	2	1	0	1	0
Odor	None	None	None	None	None	None	None
pH (units)	7.10	6.99	6.88	6.89	6.95	6.87	6.92
Conductivity ~~(units)~~ mS/cm	.403	.383	.393	.394	.397	.397	.406
Water Temperature (°C)	24.1	23.8	23.5	23.1	23.3	23.2	23.2
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM013GW0040

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-31-94

WELL NO.: 013-004 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: T. Temple S Thompson

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? 013-003

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? 013-003

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 19.5

Depth to water surface from TOC (ft.) 6.51

Length of water (ft.) 12.99

Volume of water (ft.)

(gal.) 2.2

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 6.6

PURGING

Time started 1245 Finished 1325

Volume purged 6.6

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1327

Finish 1347

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1258	1302	1308	1312	1316	1322	
Well Volume Purged (gal.)	1	2	3	4	5	6	
Turbidity	12	4	1	0	0	0	
Odor	None	None	None	None	None	None	
pH (units)	7.17	7.14	7.16	7.17	7.17	7.17	
Conductivity ~~(umhos)~~ mS/cm	.565	.645	.713	.778	.839	.910	
Water Temperature (°C)	24.7	24.6	24.3	24.7	24.7	24.7	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 013GW005C

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-1-95

WELL NO.: NBCH\013-005 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) Flushmount

Depth to bottom of well from TOC (ft.) 16.36

Depth to water surface from TOC (ft.) 7.69

Length of water (ft.) 8.67

Volume of water (ft.) _____

(gal.) 1.47

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.41

PURGING

Time started 1315 Finished 1351

Volume purged 4.5 g

Comments on Well Recovery _____

Depth to water (ft.) 7.69

Completion _____

Additional Comments _____

Sample Collected: Start 1357

Finish 1420

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1322	1324	1330	1337	1343	1351	
Well Volume Purged (gal.)	1.0	1.5	2.25	3.0	3.75	4.5	
Turbidity	2	2	1	0	1	0	
Odor							
pH (units)	7.29	7.35	7.35	7.40	7.37	7.42	
Conductivity (µmhos)	2.14	2.37	2.45	2.45	2.29	2.35	
Water Temperature (°C)	25.9	26.2	27.0	27.8	27.4	24.9	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\013GW006C

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-1-94

WELL NO.: NBCH\013-006 LOCATION: Zone H

WEATHER CONDITIONS: Sunny to partly cloudy AMBIENT TEMP: mid 70's

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\013-007

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\013-007

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 13.65

Depth to water surface from TOC (ft.) 4.91

Length of water (ft.) 8.74

Volume of water (ft.)

(gal.) 1.48

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.46

PURGING

Time started 1018 Finished 1045

Volume purged 4.5 g

Comments on Well Recovery

Depth to water (ft.) 4.91

Completion

Additional Comments

Sample Collected: Start 1050

Finish 1110

IN-SITU TESTING

Time:	1022	1025	1029	1034	1037	1042	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.5	1.5	2.25	3.0	3.5	4.5	
Turbidity	10	2	2	2	0	0	
Odor							
pH (units)	7.11	7.15	7.17	7.12	7.10	7.12	
Conductivity ~~(umhos)~~ uS/cm	0.543	0.537	0.542	0.528	0.536	0.532	
Water Temperature (°C)	26.1	24.2	23.9	24.8	24.3	23.8	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH013GW007

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-1-94

WELL NO.: NBCH\013-007 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) Flushmount

Depth to bottom of well from TOC (ft.) 12.57

Depth to water surface from TOC (ft.) 4.05

Length of water (ft.) 8.52

Volume of water (ft.) _____

(gal.) 1.45

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.35

PURGING

Time started 0850 Finished 0920

Volume purged 4.5 g

Comments on Well Recovery _____

Depth to water (ft.) 4.05

Completion _____

Additional Comments _____

Sample Collected: Start 0925

Finish 0955

IN-SITU TESTING

Time:	0855	0900	0905	0910	0912	0915	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	1.5	2.5	3.5	4.0	4.5	
Turbidity	16	12	5	2	1	1	
Odor							
pH (units)	6.60	6.93	7.07	7.09	7.07	7.08	
Conductivity ~~umhos~~ mS/cm	1.03	0.99	1.02	0.99	1.03	1.01	
Water Temperature (°C)	19.8	19.8	19.9	21.4	20.9	20.1	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH014GW00101

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-15-94

WELL NO.: NBCH\014-001 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\014-002

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\014-002

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.50

Depth to water surface from TOC (ft.) 6.81

Length of water (ft.) 8.69

Volume of water (ft.) _____

(gal.) 1.48

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.43

PURGING

Time started 1103 Finished 1410

Volume purged 35 g

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1425

Finish 1500

IN-SITU TESTING

Time:	1107	1124	1145	1215	1255	1318	1343	1410
	1	2	3	4	5	6	7	8
Well Volume Purged (gal.)	2.0	4.5	9.0	15.0	20.0	25.0	30.0	35.0
Turbidity	515	46	405	105	216	135	9	290
Odor								
pH (units)	6.71	6.72	6.73	6.76	6.82	6.77	6.78	6.69
Conductivity (~~mmhos~~ mS/cm)	7.54	6.55	5.80	9.20	7.04	5.97	11.30	7.54
Water temperature (°C)	21.7	22.1	21.8	21.7	21.8	21.8	22.2	22.4
Depth to water (ft.)								

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH014GW00101

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-10-94

WELL NO.: NBCH\014 001 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.64

Depth to water surface from TOC (ft.) 7.29

Length of water (ft.) 8.35

Volume of water (ft.) _____

(gal.) 1.4

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.2

PURGING

Time started 1355 Finished 1441

Volume purged 6.5 g

Comments on Well Recovery _____

Depth to water (ft.) 7.29

Completion _____

Additional Comments _____

Sample Collected: Start 1445

Finish NA

IN-SITU TESTING

Time:	1335	1400	1408	1420	1425	1430	1441
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.50	1.00	2.50	3.50	4.50	5.50	6.50
Turbidity	471	181	74	46	41	38	22
Odor							
pH (units)	6.66	6.70	6.82	6.79	6.82	6.87	6.81
Conductivity ~~(µmho)~~ mS/cm	5.99	5.46	5.10	4.45	4.25	3.63	3.59
Water Temperature (°C)	26.6	24.4	23.6	24.2	23.8	23.7	23.9
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 014 ~~GW~~01D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-15-94

WELL NO.: NBCH\014-01D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\014-02D

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\014-02D

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 48.50

Depth to water surface from TOC (ft.) 7.15

Length of water (ft.) 41.35

Volume of water (ft.)

(gal.) 7.03

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 21.09

PURGING

Time started 1045 Finished 1255

Volume purged 21 gal

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1300

Finish 1415

IN SITU TESTING

	1	2	3	4	5	6	7
Time:	1100	1135					
Well Volume Purged (gal.)	2.5	7.5	13.0	15.0	17.5	21.0	
Turbidity	8	44	7	10	10	10	
Odor							
pH (units)	6.65	6.54	6.58	6.60	6.61	6.58	
Conductivity ~~(umm)~~ mS/cm	39.1	39.5	40.7	41.1	41.2	42.1	
Water Temperature (°C)	21.3	22.3	20.8	20.9	21.2	21.2	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: NBCH014GW00201

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-14-94

WELL NO.: NBCH\014-002 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.30

Depth to water surface from TOC (ft.) 6.48

Length of water (ft.) 10.82

Volume of water (ft.) _____

(gal.) 1.84

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.52

PURGING

Time started 1215 Finished 1310

Volume purged 7.0 g

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1330

Finish 1445

IN-SITU TESTING

Time:	1222	1228	1239	1243	1258	1304	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.5	3.5	4.5	5.5	7.0	
Turbidity	32	135	152	1	3	3	
Odor							
pH (units)	7.00	7.02	6.99	6.99	7.04	7.04	
Conductivity ~~(units)~~ mS/cm	3.71	4.90	4.63	4.72	4.74	4.55	
Water Temperature (°C)	24.7	24.3	24.5	24.8	23.4	23.7	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH014GW02D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-14-94

WELL NO.: NBCH\014 02D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 47.80

Depth to water surface from TOC (ft.) 7.17

Length of water (ft.) 40.63

Volume of water (ft.)

(gal.) 6.91

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 20.74

PURGING

Time started 1030 Finished 1324

Volume purged 20.0 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1350

Finish 1450

IN-SITU TESTING

Time:	1033	1046	1155	1225	1246	1305	1324
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.5	2.0	6.5	12.5	15.0	17.5	20.0
Turbidity	2	1	0	12	4	4	4
Odor	H_2S						
pH (units)	6.66	6.85	6.66	6.59	6.56	6.58	6.62
Conductivity ~~(µmhos)~~ mS/cm	31.9	33.5	34.2	35.1	35.3	36.8	37.2
Water Temperature (°C)	25.0	23.7	25.3	23.9	24.2	22.3	23.5
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH014GW00301

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-14-94 / 11-15-94

WELL NO.: NBCH\014-003 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: S. Weatherford, C. Dhority

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.56

Depth to water surface from TOC (ft.) 5.27

Length of water (ft.) 10.29

Volume of water (ft.)

(gal.) 1.75

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.25

PURGING

Time started 1508 (11/15) Finished 1520 (11/16)

Volume purged 35.0g

Comments on Well Recovery

Depth to water (ft.) 5.27

Completion

Additional Comments

Sample Collected: Start 1525 11-15-94

Finish 1630 11-15-94

IN-SITU TESTING

Time:	1513 11-14	1555 11-14	1636 11-14	1719 11-14	1430 11-15	1450 11-15	1515 11-15
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.5	5.0	10.0	15.0	27.5	31.0	35.0
Turbidity	90	86	189	150	194	139	186
Odor							
pH (units)	6.90	6.86	6.87	6.83	7.40	7.16	7.06
Conductivity (~~µmhos~~ mS/cm	3.71	5.19	7.46	9.07	19.3	17.7	22.7
Water Temperature (°C)	21.5	21.4	21.2	21.2	20.0	19.4	19.1
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.66 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM014GW03D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-15-94, 11-16-9

WELL NO.: NBCH\014-03D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 46.91

Depth to water surface from TOC (ft.) 18.39

Length of water (ft.) 28.52

Volume of water (ft.)

(gal.) 4.85

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 14.55

PURGING

Time started 1545 11-15 Finished 1033 11-16

Volume purged 16.5 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1040 11-16

Finish 1230 11-16

IN SITU TESTING

Time:	1	2	3	4	5	6	7
	1557 11-15	1634 11-15	0937 11-16	1002 11-16	1033 11-16		
Well Volume Purged (gal.)	1.5	5.0	9.5	13.0	16.5		
Turbidity	135	117	2	57	16		
Odor							
pH (units)	6.61	6.61	6.82	6.87	6.92		
Conductivity ~~(umhos)~~ mS/cm	44.4	44.4	45.9	45.2	45.9		
Water Temperature (°C)	20.6	20.6	20.1	19.9	19.7		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH014GW00401

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-16-94

WELL NO.: NBCH\014-004 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: S. Weatherford

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 14.85

Depth to water surface from TOC (ft.) 4.98

Length of water (ft.) 9.87

Volume of water (ft.)

(gal.) 1.70

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.10

PURGING

Time started 1415 Finished 1745

Volume purged 20 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1750

Finish 1830

IN-SITU TESTING

Time:	1455	1540	1605	1630	1645		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	4.0	10.0	14.0	17.0	20.0		
Turbidity	71	13	41 ~~38~~	~~165~~ 33	174		
Odor							
pH (units)	7.16	7.07	6.89	~~7.08~~ 6.87	6.92		
Conductivity (~~mmhos~~ mS/cm)	1.46	5.03	19.0	~~20.6~~ 17.7	21.1		
Water Temperature (°C)	19.2	18.9	18.6	~~18.3~~ 17.7	17.6		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 014 GW04D CC

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-17-94

WELL NO.: NBCH\014-04D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 35.00

Depth to water surface from TOC (ft.) 7.46

Length of water (ft.) 27.54

Volume of water (ft.)

(gal.) 4.75

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 14.00

PURGING

Time started 0945 Finished 1140

Volume purged 15.0 g

Comments on Well Recovery

Depth to water (ft.) 7.46

Completion

Additional Comments

Sample Collected: Start 1150

Finish 1250

IN-SITU TESTING

Time:	0950	1010	1025	1040	1110	1120	1135
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0						
Turbidity	1	1	1	1	1	1	0
Odor							
pH (units)	7.01	6.81	6.77	6.73	6.76	6.73	6.71
Conductivity (~~µmho~~ mS/cm)	41.2	44.7	42.8	42.1	40.8	42.4	43.0
Water Temperature (°C)	14.2	14.0	13.7	13.9	14.4	15.0	14.6
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH014GW00501

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-16-94

WELL NO.: NBCH\014-005 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.50

Depth to water surface from TOC (ft.) 5.29

Length of water (ft.) 10.21

Volume of water (ft.) _____

(gal.) 1.73

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.20

PURGING

Time started 1509 Finished 1600

Volume purged 7.0 g

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1605

Finish 1655

IN-SITU TESTING

Time:	1522	1528	1534	1542	1556		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.5	2.5	3.5	4.5	7.0		
Turbidity	12	3	2	3	3		
Odor							
pH (units)	7.19	7.14	7.09	7.13	7.10		
Conductivity ~~(umhos)~~ mS/cm	7.25	7.32	7.11	7.25	7.12		
Water Temperature (°C)	20.0	19.3	19.2	18.7	19.3		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM014GW05D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-17-94

WELL NO.: 014-05D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 43.50

Depth to water surface from TOC (ft.) 7.82

Length of water (ft.) 35.78

Volume of water (ft.)

(gal.) 6.08

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 18.24

PURGING

Time started 0940 Finished 1300

Volume purged 18.25

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1303

Finish 1505

IN-SITU TESTING

Time:	1000	1014	1128	1210	1258		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	3.5	5.5	12.5	15.0	18.25		
Turbidity	1	2	41	2	2		
Odor							
pH (units)	6.58	6.86	6.69	6.58	6.73		
Conductivity ~~(units)~~ mS/cm	36.8	36.2	37.9	38.1	38.7		
Water Temperature (°C)	13.3	13.2	14.0	14.1	14.3		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\017GW001

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-19-94

WELL NO.: NBCH\017001 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: John Hagen John Hardy

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\017GW002

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\017002

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 12.87

Depth to water surface from TOC (ft.) 3.93

Length of water (ft.) 8.94

Volume of water (ft.)

(gal.) 1.52

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.56

PURGING

Time started 1357 Finished 1615

Volume purged 4.6 g

Comments on Well Recovery

Depth to water (ft.) 3.93

Completion

Additional Comments

Sample Collected: Start 1535

Finish 1615

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1420	1440	1458	1520	1532		
Well Volume Purged (gal.)	1g	2	3	4	4.6		
Turbidity	2	2	2	1	1		
Odor							
pH (units)	6.92	6.97	6.91	6.93	6.89		
Conductivity ~~(units)~~ mS/cm	0.755	0.753	0.757	0.757	0.758		
Water Temperature (°C)	25.3	25.0	24.1	24.0	23.5		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH017GW002C

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-19-94

WELL NO.: NBCH\017002 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: John Hardy John Hagen

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\017003

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\017003

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 12.81

Depth to water surface from TOC (ft.) 2.90

Length of water (ft.) 9.91

Volume of water (ft.)

(gal.) 1.68

Amount of sediment at bottom of well (ft.) –

3 Volumes of water (gal.) 5.04

PURGING

Time started 1126 Finished 1215

Volume purged 6.0 g

Comments on Well Recovery

Depth to water (ft.) 2.90

Completion

Additional Comments

Sample Collected: Start 1220

Finish 1250

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1130	1145	1155	1205	1215		
Well Volume Purged (gal.)	0.7	3.0	4.0	5.0	6.0		
Turbidity	25	6	4	3	2		
Odor							
pH (units)	7.06	7.09	7.02	7.02	7.05		
Conductivity ~~(mmhos)~~ uS/cm	1.69	1.71	1.73	1.80	2.04		
Water Temperature (°C)	25.2	25.0	25.3	24.9	25.1		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM017GW003

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-19-94

WELL NO.: NBCH\017003 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: John Hogen, John Hardy, Christine D

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 13.69

Depth to water surface from TOC (ft.) 3.02

Length of water (ft.) 10.67

Volume of water (ft.)

(gal.) 1.81

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.43

PURGING

Time started 0840 Finished 1030

Volume purged 6.25 g

Comments on Well Recovery

Depth to water (ft.) 3.02

Completion

Additional Comments

Sample Collected: Start 1040

Finish 1110

IN-SITU TESTING

Time:	0901	0922	0941	1001	1030		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.25	2.50	3.75	5.00	6.25		
Turbidity	5	6	2	2	0.5		
Odor							
pH (units)	7.08	7.01	7.05	7.05	7.13		
Conductivity ~~(units)~~ uS/cm	1.33	1.31	1.32	1.33	1.32		
Water Temperature (°C)	22.5	23.0	23.9	24.4	25.0		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH017GW0040I

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-20-94

WELL NO.: NBCH\017004 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: John Hardy

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) Flush mount

Depth to bottom of well from TOC (ft.) 12.85

Depth to water surface from TOC (ft.) 3.41

Length of water (ft.) 9.44

Volume of water (ft.)

(gal.) 1.60 g

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.80

PURGING

Time started 0820 Finished 0906

Volume purged 5.0 g

Comments on Well Recovery

Depth to water (ft.) 3.41

Completion

Additional Comments

Sample Collected: Start 0912

Finish 0930

IN-SITU TESTING

Time:	0835	0845	0854	0901	0906		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.25	2.25	3.50	4.25	5.00		
Turbidity	6	4	3	1	1		
Odor							
pH (units)	6.81	6.99	6.95	6.98	6.97		
Conductivity ~~(µmhos)~~ mS/cm	1.18	1.19	1.15	1.10	1.10		
Water Temperature (°C)	22.7	22.7	22.7	22.7	22.8		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 653GW00101

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-4-94

WELL NO.: NBCH \ 653 - 001 LOCATION: Zone H

WEATHER CONDITIONS: partly cloudy dry AMBIENT TEMP: high 70's

REVIEWED BY: PERSONNEL: B. Dell

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH \ 653-002

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH \ 653-002

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 12.75

Depth to water surface from TOC (ft.) 2.29

Length of water (ft.) 10.46

Volume of water (ft.)

(gal.) 1.78

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.34

PURGING

Time started 1356 Finished 1442

Volume purged 5.5 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1445

Finish 1515

IN-SITU TESTING

Time:	1405	1411	1420	1427	1436	1441	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	5.0	5.5	
Turbidity	36	16	8	5	3	3	
Odor							
pH (units)	6.78	6.78	6.76	6.87	6.74	6.89	
Conductivity ~~(mmho)~~ uS/cm	2.40	2.86	3.16	3.56	3.72	3.75	
Water Temperature (°C)	29.7	26.3	25.5	24.8	24.5	24.3	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 653 GW 00201

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-4-94

WELL NO.: NBCH 653 - 002 LOCATION: Zone H

WEATHER CONDITIONS: Sunny AMBIENT TEMP: 70's

REVIEWED BY: PERSONNEL: B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 12.41

Depth to water surface from TOC (ft.) 2.49

Length of water (ft.) 9.92

Volume of water (ft.)

(gal.) 1.68

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.06

PURGING

Time started 1125 Finished 1222

Volume purged 5.5 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1225

Finish 1255

IN-SITU TESTING

Time:	1135	1143	1153	1203	1214	1219	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	5.0	5.5	
Turbidity	45	45	15	8	7	7	
Odor							
pH (units)	7.17	7.07	7.16	7.08	7.05	7.02	
Conductivity ~~(units)~~ mS/cm	2.55	2.67	2.89	3.44	3.45	3.43	
Water Temperature (°C)	29.4	28.4	31.6	28.8	28.0	28.1	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 655GW0101

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-27-94

WELL NO.: 655-001 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: S. Thompson T. Temple

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? 655-003

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? 655-003

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 13.64

Depth to water surface from TOC (ft.) 2.14

Length of water (ft.) 11.50

Volume of water (ft.)

(gal.)

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.86

PURGING

Time started 1315 Finished 1500

Volume purged ~~2.42~~ 8.25

Comments on Well Recovery slow

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 10/28/94 0831

Finish 10/28/94 1024

IN-SITU TESTING — Time:	1330	1415	1446	1500	10/28/94 0821	0826	0830
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	.5	3	5.5	6.25	7 ~~6.84~~ TBT	~~7.5~~ ~~8.25~~	8.25
Turbidity	58	24	5	2	13	11	9
Odor	None	None	None	None	None	None	None
pH (units)	6.92	6.83	6.94	6.94	6.84	6.91	6.92
Conductivity ~~(mmho)~~ mS/cm	14.3	16	19.3	~~20.3~~ 21.3 TBT	18.8	18.8	18.8
Water Temperature (°C)	15.9	17.0	18.1	18.1	18.4	21.0	21.0
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM655GW0201

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10/27/94

WELL NO.: 655-02 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: J. Hardy

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 13.27

Depth to water surface from TOC (ft.) 1.92

Length of water (ft.) 11.35

Volume of water (ft.) 1.92

(gal.) _____

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.76

PURGING

Time started 0845 ~~1038~~ BT Finished 1035 ~~1115~~ BT

Volume purged 5.75 g

Comments on Well Recovery _____

Depth to water (ft.) 1.92

Completion _____

Additional Comments _____

Sample Collected: Start 1038

Finish 1115

IN-SITU TESTING

Time:	0853	0905	0926	0944	0954	1020	1035
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	.5	1	2.0	2.5	3.5	4.5	5.75
Turbidity	24	24	15	21	19	11	13
Odor	None	None	None	None	None	None	None
pH (units)	6.65	6.81	6.78	6.62	6.75	6.73	6.71
Conductivity ~~(units)~~ MS/cm	17.1	16.6	13.9	16.2	14.2	12.9	13.4
Water Temperature (°C)	11.8	10.0	9.0	8.6	8.5	10.5	10.5
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM655GW0030

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10/27/94

WELL NO.: 655-003 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: T. Temple, J. Hardy

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? 655-002

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? 655-002

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 12.92

Depth to water surface from TOC (ft.) 1.56

Length of water (ft.) 11.36

Volume of water (ft.) 1.91

(gal.) _____

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.73

PURGING

Time started 1250 Finished 1355

Volume purged 6.25

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1410

Finish 1440

IN-SITU TESTING

Time:	1305	1315	1324	1335	1345	1350	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1	2	2.75	4.0	5.5	6.25	
Turbidity	24	9	4	2	1	1	
Odor	None	None	None	None	None	None	
pH (units)	6.57	6.55	6.57	6.63	6.57	6.54	
Conductivity ~~[illegible]~~ ms/cm	12.4	11.3	11.3	12.1	120	12.0	
Water Temperature (°C)	14.7	18.5	18.7	16.3	16.8	17.2	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 656GW001C

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-27-94

WELL NO.: NBCH \ 656-001 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.20

Depth to water surface from TOC (ft.) 3.10

Length of water (ft.) 12.10

Volume of water (ft.)

(gal.) 2.06

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 6.18

PURGING

Time started 0842 Finished 10

Volume purged 7.5 g

Comments on Well Recovery

Depth to water (ft.) 3.10

Completion

Additional Comments

Sample Collected: Start 1010

Finish 1155

IN-SITU TESTING

Time:	856	0909	0922	0934	0944	0956	1004
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.00	3.50	4.75	6.00	7.00	7.50
Turbidity	205	65	55	25	72	43	30
Odor							
pH (units)	6.87	7.00	7.01	7.01	7.03	7.02	7.05
Conductivity ~~(umhos)~~ mS/cm	3.06	3.11	3.14	3.16	3.22	3.06	3.01
Water Temperature (°C)	17.7	17.9	18.3	18.9	18.9	18.2	17.9
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH656GW00201

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-26-94

WELL NO.: NBCH\656-002 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.31

Depth to water surface from TOC (ft.) 3.33

Length of water (ft.) 11.98

Volume of water (ft.) _____

(gal.) 2.05

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 6.15

PURGING

Time started 1345 Finished 1508

Volume purged 7.0 g

Comments on Well Recovery _____

Depth to water (ft.) 3.33

Completion _____

Additional Comments _____

Sample Collected: Start 1512

Finish 1532

IN-SITU TESTING

Time:	1354	1404	1417	1429	1441	1453	1508
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.5	1.5	3.0	4.0	5.0	6.0	7.0
Turbidity	85	16	17	14	9	3	2
Odor							
pH (units)	6.97	6.94	6.94	6.99	6.99	6.94	6.96
Conductivity ~~(units)~~ mS/cm	2.83	3.30	3.47	3.66	3.54	3.45	3.52
Water Temperature (°C)	21.8	21.7	21.9	22.1	21.9	22.4	22.1
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH656GW0030

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-26-94

WELL NO.: NBCH\656-003 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\666-001

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\666-001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.89

Depth to water surface from TOC (ft.) 3.08

Length of water (ft.) 13.81

Volume of water (ft.) _____

(gal.) 2.35

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 7.05

PURGING

Time started 1337 Finished 1611

Volume purged 7.5 g

Comments on Well Recovery _____

Depth to water (ft.) 3.08

Completion _____

Additional Comments _____

Sample Collected: Start 1615

Finish 1718

IN-SITU TESTING

Time:	1350	1401	1412	1428	1458	1537	1554	1611
	1	2	3	4	5	6	7	
Well Volume Purged (gal.)	1.25	2.00	3.00	4.00	5.00	6.00	7.00	7.50
Turbidity	125	60	38	16	11	10	10	5
Odor								
pH (units)	6.53	6.46	6.42	6.43	6.54	6.47	6.50	6.61
Conductivity ~~(units)~~ mS/cm	33.7	34.2	34.0	34.3	35.0	35.1	34.9	36.1
Water Temperature (°C)	23.2	23.1	22.9	23.3	23.6	23.5	24.4	23.5
Depth to water (ft.)								

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\660W0010

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-25-94

WELL NO.: NBCH\660001 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\660002

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\660002

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 12.82

Depth to water surface from TOC (ft.) 4.66

Length of water (ft.) 8.16

Volume of water (ft.) _____

(gal.) 1.39

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.16

PURGING

Time started 1036 Finished 1113

Volume purged 4.5 g

Comments on Well Recovery _____

Depth to water (ft.) 4.66

Completion _____

Additional Comments _____

Sample Collected: Start 1120

Finish 1145

IN-SITU TESTING

Time:	1045	1052	1101	1108	1112		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	4.5		
Turbidity	12	10	5	2	2		
Odor							
pH (units)	7.24	7.23	7.26	7.20	7.16		
Conductivity ~~(units)~~ mS/cm	0.783	0.839	0.960	1.07	1.05		
Water Temperature (°C)	25.7	25.6	25.3	25.7	26.0		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque (Revision Date: 8/5/92)

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\660GW00201

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-25-94

WELL NO.: NBCH\660-002 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\663001

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\663001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 12.80

Depth to water surface from TOC (ft.) 4.54

Length of water (ft.) 8.26

Volume of water (ft.) _____

(gal.) 1.40

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.21

PURGING

Time started 1018 Finished 1055

Volume purged 4.5 g

Comments on Well Recovery _____

Depth to water (ft.) 4.54

Completion _____

Additional Comments _____

Sample Collected: Start 1105

Finish 1130

IN-SITU TESTING

Time:	1027	1038	1047	1055			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.25	2.50	3.50	4.50			
Turbidity	3	2	2	2			
Odor							
pH (units)	7.34	7.33	7.32	7.31			
Conductivity (~~µmho~~) µS/cm	1.03	1.08	1.06	1.06			
Water Temperature (°C)	24.7	25.2	25.2	24.9			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH662GW0010

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-24-94

WELL NO.: NBCH\662 001 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: John Hardy

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 12.42

Depth to water surface from TOC (ft.) 3.01

Length of water (ft.) 9.41

Volume of water (ft.) _____

(gal.) 1.60

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.80

PURGING

Time started 0945 Finished 1041

Volume purged 6.0 g

Comments on Well Recovery _____

Depth to water (ft.) 3.01

Completion _____

Additional Comments _____

Sample Collected: Start 1048

Finish 1155

IN-SITU TESTING

Time:	0955	1002	1011	1018	1024	1035	1041
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	5.0	5.5	6.0
Turbidity	6	3	1	0	0	1	0
Odor							
pH (units)	6.77	6.93	6.95	6.98	6.96	6.95	6.94
Conductivity ~~(mmhos)~~ uS/cm	1.37	1.47	1.72	2.01	2.27	2.34	2.43
Water Temperature (°C)	25.0	25.2	25.8	25.8	25.5	25.5	24.4
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\662GW0020

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-24-94

WELL NO.: NBCH\662 002 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\662 001

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\662 001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 12.82

Depth to water surface from TOC (ft.) 3.29

Length of water (ft.) 9.53

Volume of water (ft.) _____

(gal.) 1.62

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.86

PURGING

Time started 1025 Finished 1115

Volume purged 6.00 g

Comments on Well Recovery _____

Depth to water (ft.) 3.29

Completion _____

Additional Comments _____

Sample Collected: Start 1130

Finish 1205

IN-SITU TESTING

Time:	1029	1038	1051	1100	1105	1115	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.25	4.0	4.5	6.0	
Turbidity	65	16	6	4	3	2	
Odor							
pH (units)	6.97	6.99	7.00	7.00	7.01	7.01	
Conductivity (~~mmho~~) uS/cm	0.661	0.886	2.12	2.40	2.48	2.51	
Water Temperature (°C)	24.4	24.4	24.4	25.2	25.2	24.9	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH663600001C

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-25-94

WELL NO.: NBCH\663001 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 14.50

Depth to water surface from TOC (ft.) 4.49

Length of water (ft.) 10.01

Volume of water (ft.) _____

(gal.) 1.70

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.10

PURGING

Time started 0831 Finished 0916

Volume purged 5.25 g

Comments on Well Recovery _____

Depth to water (ft.) 4.49

Completion _____

Additional Comments _____

Sample Collected: Start 0925

Finish 1002

IN-SITU TESTING

Time:	0842	0852	0859	0906	0911	0915	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.25	2.25	3.00	4.00	4.75	5.25	
Turbidity	3	2	0	0	0	0	
Odor							
pH (units)	6.66	6.79	6.88	6.95	6.93	6.93	
Conductivity (~~mmhos~~ mS/cm	1.20	1.18	1.23	1.23	1.23	1.25	
Water Temperature (°C)	21.2	21.3	21.2	21.3	21.3	21.3	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\663002

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-24-94

WELL NO.: NBCH\663002 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\136001

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\136001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) ~~3~~ JET flushmount

Depth to bottom of well from TOC (ft.) 11.75

Depth to water surface from TOC (ft.) 1.25

Length of water (ft.) 10.50

Volume of water (ft.)

(gal.) 1.79

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.36

PURGING

Time started 1418 Finished 1608

Volume purged 6.25 g

Comments on Well Recovery

Depth to water (ft.) 1.25

Completion

Additional Comments

Sample Collected: Start 1610

Finish 1640

IN-SITU TESTING

Time:	1433	1446	1505	1525	1549	1602	1608
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	1.75	3.0	4.0	5.0	6.0	6.25
Turbidity	192	77	34	24	105	39	25
Odor							
pH (units)	7.68	7.70	7.53	7.52	7.33	7.31	7.34
Conductivity ~~(mmho)~~ mS/cm	0.737	0.728	0.733	0.753	0.825	0.838	0.845
Water Temperature (°C)	25.4	25.2	25.2	25.1	24.9	25.0	25.0
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque
Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\666GW001 01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-26-94

WELL NO.: NBCH\666-001 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\666-002

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\666-002

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.20

Depth to water surface from TOC (ft.) 8.61

Length of water (ft.) 7.59

Volume of water (ft.) _____

(gal.) 1.30

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 3.90

PURGING

Time started 0933 Finished 1040

Volume purged 6.5 g

Comments on Well Recovery _____

Depth to water (ft.) 8.61

Completion _____

Additional Comments _____

Sample Collected: Start 1049

Finish 1113

IN-SITU TESTING	Time:	0942	0949	1004	1015	1026	1032	1038
		1	2	3	4	5	6	7
Well Volume Purged (gal.)		1.25	2.00	3.25	4.25	5.25	6.00	6.50
Turbidity		1	0	4	1	0	0	0
Odor								
pH (units)		6.81	6.86	6.89	6.97	6.94	6.93	6.95
Conductivity (~~mmhos~~) mS/cm		16.0	11.6	7.62	7.65	7.02	7.34	6.62
Water Temperature (°C)		23.8	24.2	24.3	24.0	24.3	24.7	24.6
Depth to water (ft.)								

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH666GW00201

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-26-94

WELL NO.: NBCH\ 666-002 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 14.79

Depth to water surface from TOC (ft.) 6.62

Length of water (ft.) 8.17

Volume of water (ft.) _____

(gal.) 1.39

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.17

PURGING

Time started 0906 Finished 1000

Volume purged 5.00 g

Comments on Well Recovery _____

Depth to water (ft.) 6.62

Completion _____

Additional Comments _____

Sample Collected: Start 1010

Finish 1042

IN-SITU TESTING

Time:	0914	0938	0945	0951	0959		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.25	2.50	3.25	4.00	4.50	5.00	
Turbidity	32	22	13	12	11	9	
Odor							
pH (units)	7.01	7.09	7.18	7.14	7.22	7.16	
Conductivity (µmhos)							
Water Temperature (°C)							
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\667GW001C

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-25-94

WELL NO.: NBCH\667-001 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\660-001

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\660-001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) ~~stick~~ flushmount

Depth to bottom of well from TOC (ft.) 13.83

Depth to water surface from TOC (ft.) 4.88

Length of water (ft.) 8.95

Volume of water (ft.) _____

(gal.) 1.52

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.56

PURGING

Time started 1406 Finished 1446

Volume purged 5.0 g

Comments on Well Recovery _____

Depth to water (ft.) 4.88

Completion _____

Additional Comments _____

Sample Collected: Start 1452

Finish 1520

IN-SITU TESTING

Time:	1412	1421	1430	1438	1445		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.00	2.25	3.25	4.25	5.00		
Turbidity	8	4	3	1	2		
Odor							
pH (units)	6.71	6.77	6.79	6.76	6.79		
Conductivity ~~(units)~~ mS/cm	4.55	4.40	4.00	4.35	4.40		
Water Temperature (°C)	27.5	27.3	27.4	27.4	27.3		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH667GW0020

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-25-94

WELL NO.: NBCH\667 002 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\660001

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\660001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) Flushmount

Depth to bottom of well from TOC (ft.) 13.66

Depth to water surface from TOC (ft.) 3.31

Length of water (ft.) 10.35

Volume of water (ft.) _____

(gal.) 1.76

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.28

PURGING

Time started 1354 Finished 1442

Volume purged 6.0 g

Comments on Well Recovery _____

Depth to water (ft.) 3.31

Completion _____

Additional Comments _____

Sample Collected: Start 1445

Finish 1515

IN-SITU TESTING

Time:	1400	1409	1419	1427	1436	1441	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.75	1.75	3.00	4.25	5.25	6.00	
Turbidity	4	3	2	1	1	2	
Odor							
pH (units)	6.69	6.76	6.66	6.65	6.64	6.65	
Conductivity (~~µmhos~~ mS/cm	6.01	7.27	9.70	8.90	8.92	9.06	
Water Temperature (°C)	27.0	26.9	26.4	26.6	26.7	26.4	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: NBCM6DHGW00101

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: _____

WELL NO.: NBCH\ 6DH - 001 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.83

Depth to water surface from TOC (ft.) 5.39

Length of water (ft.) 10.44

Volume of water (ft.) _____

(gal.) 1.77

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.32

PURGING

Time started 0908 Finished 1002

Volume purged 5.5g

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1009

Finish NA

IN-SITU TESTING	Time:	0916	0924	0934	0942	0949	1000	
		1	2	3	4	5	6	7
Well Volume Purged (gal.)		1.0	2.0	3.0	4.0	5.0	5.5	
Turbidity		3	2	2	2	0	1	
Odor								
pH (units)		6.32	6.86	6.80	6.77	6.73	6.88	
Conductivity ~~(µmhos)~~ mS/cm		1.22	1.27	1.16	1.07	1.04	1.20	
Water Temperature (°C)		19.1	19.1	17.4	20.4	21.2	20.9	
Depth to water (ft.)								

NOTES: 1 ft. length of 4" = 0.067 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH GDH GW 01D 01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-3-94

WELL NO.: NBCH GDH 01D LOCATION: Zone H

WEATHER CONDITIONS: Sunny AMBIENT TEMP: 60's - 70's

REVIEWED BY: PERSONNEL: B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 63.79

Depth to water surface from TOC (ft.) 4.06

Length of water (ft.) 59.73

Volume of water (ft.)

(gal.) 10.15

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 30.46

PURGING

Time started 0903 Finished 1412

Volume purged 31.0 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1415

Finish 1450

IN-SITU TESTING

Time:	0957	1040	1139	1227	1316	1411	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	5	10	15	20	25	31	
Turbidity	10	66	80	34	9	9	
Odor							
pH (units)	6.80	6.81	6.83	6.73	6.77	6.79	
Conductivity ~~(umhos)~~ uS/cm	32.7	33.2	35.0	32.1	32.3	30.3	
Water Temperature (°C)	20.7	21.8	20.6	24.5	23.0	26.5	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\GRD GW0020

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-2-94

WELL NO.: NBCH\GRDH-002 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: Todd Teugh Christine Dworsky

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 17.48

Depth to water surface from TOC (ft.) 3.50

Length of water (ft.) 13.98

Volume of water (ft.)

(gal.) 2.38

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 7.13

PURGING

Time started 1424 Finished 1725

Volume purged 14g

Comments on Well Recovery

Depth to water (ft.) 3.50

Completion

Additional Comments

Sample Collected: Start 1727

Finish 1754

IN-SITU TESTING

Time:	1436	1459	1526	1535	1606	1640	1723
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.75	4.0	6.0	7.0	9.0	12.0	14.0
Turbidity	195	191	122	109	66	46	41
Odor							
pH (units)	6.56	6.60	6.57	6.59	6.26	6.41	6.38
Conductivity (µmho)	44.9	45.1	45.6	45.5	46.5	47.5	47.6
Water Temperature (°C)	23.4	23.4	23.3	22.9	23.4	23.1	22.3
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\GRD GW 02DC

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-04-94

WELL NO.: NBCH\GRDH - 02D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: T. Temple, C. Dhority

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 62.56

Depth to water surface from TOC (ft.) 0.20

Length of water (ft.) 62.36

Volume of water (ft.)

(gal.) 10.6

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 31.8

PURGING

Time started 1007 11/4/94 Finished 1145 11/5/94

Volume purged 32 g

Comments on Well Recovery

Depth to water (ft.) 0.20

Completion

Additional Comments

Sample Collected: Start 1200

Finish 1230

IN-SITU TESTING

Time:	1007 11/4/94	1105 11-4-94	1255 11-4-94	1450 11-4-94	1645 11-4-94	0920 11-5-94	1143 11-5-94
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2.5	5	10	15	20	26.5	32
Turbidity	86	148	183	254	200	78	41
Odor							
pH (units)	6.73	6.84	6.82	6.86	6.52	6.72	6.60
Conductivity (~~mmhos~~ µS/cm	30.9	30.5	31.3	31.2	33.1	31.1	31.2
Water Temperature (°C)	21.2	23.1	22.2	22.9	21.9	21.8	22.6
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM GDHGW0030

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11/1/94

WELL NO.: GDH-003 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: T. Temple C Doherty

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? GDH-03D

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? GDH-03D

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.80

Depth to water surface from TOC (ft.) 8.13

Length of water (ft.) 7.67

Volume of water (ft.)

(gal.) 1.30

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 3.90

PURGING

Time started 0900 Finished 0955

Volume purged ~~BT 4.0~~ 5.0

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1000

Finish 1048

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	0905	0915	0927	0941	0950		
Well Volume Purged (gal.)	1	2	3	4.25	5		
Turbidity	73	30	15	5	3		
Odor	None	None	None	None	None		
pH (units)	6.70	6.87	6.90	6.92	6.86		
Conductivity (~~units~~) mS/cm	1.39	2.09	2.50	2.71	2.80		
Water Temperature (°C)	23.0	23.4	23.5	23.6	23.4		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCMGDHGW03D

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-1-94

WELL NO.: GDH-03D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: C. Doherty T Temple

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? 013-004

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? 013-004

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 47.32

Depth to water surface from TOC (ft.) 9.39

Length of water (ft.) 37.93

Volume of water (ft.)

(gal.) 6.45

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 19.35

PURGING

Time started 1115 Finished 1534

Volume purged 20.0

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1535

Finish 1555

IN-SITU TESTING

Time:	1124	1155	1245	1332	1445	1524	1532
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1	4	8	12	16	19	20
Turbidity	4	17	27	1	1	2	1
Odor	None	H_2S	H_2S	H_2S	H_2S	H_2S	H_2S
pH (units)	6.85	6.95	6.89	6.87	6.81	6.75	6.77
Conductivity ~~(units)~~ µS/cm	37.3	42.6	42.6	40.7	40.3	40.1	40.1
Water Temperature (°C)	23.4	22.5	22.7	22.6	22.4	22.1	21.9
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque
Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH GDH GW004 01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-17-94

WELL NO.: NBCH \ GDH - 004 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: S. Weatherford, C. Dhority

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? ~~[illegible]~~

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.85

Depth to water surface from TOC (ft.) 7.72

Length of water (ft.) 8.13

Volume of water (ft.)

(gal.) 1.38

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.14

PURGING

Time started 1237 Finished 1340

Volume purged 5.25 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1340

Finish 1510

IN-SITU TESTING

Time:	1238	1300	1317	1333	1340		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.5	1.5	2.5	4.5	5.25		
Turbidity	526	175	110	40	34		
Odor							
pH (units)	7.53	7.36	7.77	7.45	7.35		
Conductivity ~~(mmho)~~ mS/cm	1.44	7.35	1.49	1.25	1.12		
Water Temperature (°C)	14.5	15.1	15.5	15.3	17.7		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCHGDHGW04D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-17-94

WELL NO.: NBCH\ GDH-04D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: S. Weatherford

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH GDH 004

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH GDH 004

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 63.75

Depth to water surface from TOC (ft.) 9.65

Length of water (ft.) 54.10

Volume of water (ft.)

(gal.) 9.19

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 27.59

PURGING

Time started 1540 Finished 1800

Volume purged

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1800

Finish 1825

IN-SITU TESTING

Time:	1555	1623	1645	1705	1722	1745	1800
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2.0	6.0	10.0	14.0	18.0	22.0	29.0
Turbidity	25	125	14	4	9	0	2
Odor							
pH (units)	6.64	6.49	6.49	6.49	6.83	6.77	6.77
Conductivity (~~mmho~~) mS/cm	36.5	37.4	38.1	36.0	63.0	60.8	62.9
Water Temperature (°C)	15.8	16.0	14.9	15.9	15.0	15.6	16.2
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM\GDH GW 00501

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-07-94

WELL NO.: NBCH\GDH-005 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: D. Niesse, C. Dhority

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.23

Depth to water surface from TOC (ft.) 6.11

Length of water (ft.) 10.12

Volume of water (ft.)

(gal.) 1.72

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.16

PURGING

Time started 0905 Finished 1015

Volume purged 6.0 g

Comments on Well Recovery

Depth to water (ft.) 6.11

Completion

Additional Comments

Sample Collected: Start 1015

Finish 1038

IN-SITU TESTING

Time:	0912	0921	0934	0946	0958	1012	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	5.0	6.0	
Turbidity	14	21	2	3	7	7	
Odor							
pH (units)	6.58	6.68	6.70	6.73	6.71	6.72	
Conductivity (~~µmhos~~ mS/cm)	1.99	2.71	4.23	4.70	4.76	4.94	
Water Temperature (°C)	20.4	20.9	20.4	20.6	20.6	20.7	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCHGDHGW05D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-07-94

WELL NO.: NBCH\GDH-05D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 65.61

Depth to water surface from TOC (ft.) 8.25

Length of water (ft.) 57.35

Volume of water (ft.)

(gal.) 9.75

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 29.25

PURGING

Time started 0900 Finished 1406

Volume purged 49.0 g

Comments on Well Recovery

Depth to water (ft.) 8.25

Completion

Additional Comments

Sample Collected: Start 1406

Finish 1450

IN-SITU TESTING

Time:	0925	0943	1018	1125	1228	1325	1406
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2.5	5.0	10.0	20	31	41	49
Turbidity	14	69	699	102	49	26	19
Odor							
pH (units)	6.69	6.55	6.71	6.71	6.67	6.71	6.71
Conductivity ~~mmhos~~ mS/cm	26.2	26.9	37.2	38.0	37.6	37.4	37.1
Water Temperature (°C)	21.2	21.0	21.0	21.1	21.4	21.3	21.1
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM GDH GW 00601

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-18-94

WELL NO.: NSCH \ GDH - 006 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: LHam, B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 13.00

Depth to water surface from TOC (ft.) 3.67

Length of water (ft.) 9.33

Volume of water (ft.)

(gal.) 1.5

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.5

PURGING

Time started 0922 Finished 1000

Volume purged 7.0 g

Comments on Well Recovery

Depth to water (ft.) 3.67

Completion

Additional Comments

Sample Collected: Start 1008

Finish 1100

IN-SITU TESTING

Time:	0930	0936	0941	0945	0953	0957	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2.0	3.0	4.0	5.0	6.0	7.0	
Turbidity	11	6	5	1	1	0	
Odor							
pH (units)	7.15	7.08	7.01	6.96	7.01	7.11	
Conductivity (mS/cm)	1.95	1.70	1.69	1.67	1.68	1.94	
Water Temperature (°C)	16.3	16.0	15.9	16.8	17.3	17.8	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH GDHGW06D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-18-94

WELL NO.: NBCH\GDH-06D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: L. Ham B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 43.00

Depth to water surface from TOC (ft.) 5.75

Length of water (ft.) 37.25

Volume of water (ft.)

(gal.) 6.33

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 19.0

PURGING

Time started 0915 Finished 1107

Volume purged 20.0 g

Comments on Well Recovery

Depth to water (ft.) 5.75

Completion

Additional Comments

Sample Collected: Start 1115

Finish 1150

IN-SITU TESTING

Time:	0920	0945	1010	1035	1105		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.0	5.0	10.0	15.0	20.0		
Turbidity	50	0	1	2	2		
Odor							
pH (units)	6.72	6.65	6.64	6.66	6.67		
Conductivity ~~(µmhos)~~ uS/cm	36.1	33.4	33.5	34.7	35.2		
Water Temperature (°C)	15.8	20.0	19.4	21.0	21.3		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM GDHGW007 01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: NA

WELL NO.: NBCH \ GDH 007 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.91

Depth to water surface from TOC (ft.) 7.91

Length of water (ft.) 9.00

Volume of water (ft.)

(gal.) 1.53

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.59

PURGING

Time started 0925 Finished 1003

Volume purged 6.0 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1005

Finish 1225

IN-SITU TESTING

Time:	0928	0936	0942	0948	0953	0957	1002
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.25	1.5	2.5	3.5	4.5	5.0	6.0
Turbidity	137	-10	-10	-10	-10	-10	-10
Odor							
pH (units)	6.40	6.75	7.13	7.32	7.38	7.39	7.40
Conductivity ~~(µmhos)~~ mS/cm	0.452	0.407	0.398	0.395	0.412	0.402	0.398
Water Temperature (°C)	19.8	20.1	19.8	20.3	19.7	20.2	20.3
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCHGDHGW07D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 12-19-94

WELL NO.: NBCH\ GDH - 07D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 46.30

Depth to water surface from TOC (ft.) 9.10

Length of water (ft.) 37.20

Volume of water (ft.)

(gal.) 6.32

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 18.96

PURGING

Time started 0930 Finished 1127

Volume purged 18.5 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1130

Finish 1255

IN-SITU TESTING Time: 0945

	1	2	3	4	5	6	7
Well Volume Purged (gal.)	3.0	6.0	9.0	12.0	15.0	18.5	
Turbidity	4	1	0	2	4	6	
Odor							
pH (units)	6.23	6.10	6.17	6.13	6.11	6.15	
Conductivity ~~(units)~~ mS/cm	39.0	41.5	42.2	39.8	39.2	37.7	
Water Temperature (°C)	8.7	8.2	8.6	9.7	10.1	13.1	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: NBCHGDHGW008 01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-8-94

WELL NO.: NBCH\GDH 008 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: D. Niesse

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.66

Depth to water surface from TOC (ft.) 5.35

Length of water (ft.) 10.31

Volume of water (ft.) _____

(gal.) 1.72

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.16

PURGING

Time started 1010 Finished 1105

Volume purged 5.0 g

Comments on Well Recovery _____

Depth to water (ft.) 5.35

Completion _____

Additional Comments _____

Sample Collected: Start 1105

Finish NA

IN-SITU TESTING

Time:	1023	1025	1045	1055	1105		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	5.0		
Turbidity	64	44	35	30	17		
Odor							
pH (units)	6.83	6.76	6.80	6.78	6.77		
Conductivity ~~(µmhos)~~ mS/cm	1.78	1.84	1.88	1.90	1.91		
Water Temperature (°C)	21.2	21.3	21.6	21.2	21.4		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCMGDHGW08D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-9-94

WELL NO.: NBCH\GD H 08D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: D. Niesse C. Dhourity

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 47.67

Depth to water surface from TOC (ft.) 7.68

Length of water (ft.) 39.99

Volume of water (ft.)

(gal.) 6.80

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 20.40

PURGING

Time started 1430 Finished 1622

Volume purged 21.0 g

Comments on Well Recovery

Depth to water (ft.) 7.68

Completion

Additional Comments

Sample Collected: Start 1630

Finish 1650

IN-SITU TESTING

Time:	1450	1550	1610	1622			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	5.0	15.0	19.0	21			
Turbidity	78	3	0	0			
Odor							
pH (units)	6.61	6.59	6.55	6.54			
Conductivity (µmho)	34.6	31.0	32.1	32.0			
Water Temperature (°C)	21.3	22.7	21.7	22.1			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH GDH GW 00901

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-21-94

WELL NO.: NBCH\ GDH 009 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\ GDH 011

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\ GDH 011

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.67

Depth to water surface from TOC (ft.) 6.37

Length of water (ft.) 10.30

Volume of water (ft.)

(gal.) 1.65

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.0

PURGING

Time started 1415 Finished 1435

Volume purged 5.0 g

Comments on Well Recovery

Depth to water (ft.) 6.37

Completion

Additional Comments

Sample Collected: Start 1520

Finish 1545

IN-SITU TESTING

Time:	1415	1420	1425	1430	1435		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.0	1.0	2.5	3.0	5.0		
Turbidity	480	726	59	2	0		
Odor							
pH (units)	6.86	6.88	6.83	6.92	7.00		
Conductivity (~~mmho~~) mS/cm	4.63	4.84	14.0	15.8	16.6		
Water Temperature (°C)	21.4	21.3	20.9	21.2	21.3		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.067 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\GDH GW09D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-21-94

WELL NO.: NBCH\GDH 09D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\GDH 011

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\GDH 011

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 55.11

Depth to water surface from TOC (ft.) 6.65

Length of water (ft.) 48.46

Volume of water (ft.)

(gal.) 8.24

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 24.72

PURGING

Time started 1200 Finished 1600

Volume purged 32.5 g

Comments on Well Recovery

Depth to water (ft.) 6.65

Completion

Additional Comments

Sample Collected: Start 1605

Finish 1700

IN-SITU TESTING

Time:	1248	1319	1351	1420	1452	1540	1600
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	5.0	10.0	15.0	20.0	25.0	30.0	32.5
Turbidity	141	999	637	308	238	132	61
Odor							
pH (units)	6.92	6.82	6.84	6.78	6.84	6.80	6.82
Conductivity (~~µmhos~~ mS/cm	43.5	49.0	49.9	49.8	50.0	49.3	50.0
Water Temperature (°C)	21.5	21.2	21.2	20.9	21.5	21.8	21.4
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH GDHGW01001

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-21-94

WELL NO.: NBCH \ GRDH - 010 LOCATION: Zone H

WEATHER CONDITIONS: partly cloudy AMBIENT TEMP: low 70's

REVIEWED BY: PERSONNEL: B. Doll, T. McCord

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH \ 009-04D

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH 009 04D

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 14.25

Depth to water surface from TOC (ft.) 4.33

Length of water (ft.) 9.92

Volume of water (ft.)

(gal.) 1.69

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.07

PURGING

Time started 1618 Finished 1650

Volume purged 5.5 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1656

Finish 1722

IN SITU TESTING

Time:	1635	1639	1642	1644	1646	1650	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	2.5	3.5	4.0	4.5	5.0	5.5	
Turbidity	10	10	10	10	10	10	
Odor							
pH (units)	7.25	7.03	6.99	6.93	6.91	6.97	
Conductivity (~~µmhos~~) mS/cm	3.15	2.60	2.50	2.52	2.50	2.49	
Water Temperature (°C)	21.9	21.8	21.6	21.4	21.6	21.4	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM GDH6W 10D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 12-15, 12-16-94

WELL NO.: NBCH \ GDH 10D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: M. Best

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 66.80

Depth to water surface from TOC (ft.) 13.81

Length of water (ft.) 52.99

Volume of water (ft.)

(gal.) 9.00

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 27.00

PURGING

Time started 1335 12/15 Finished 1323 12/16

Volume purged 24.0 g (per Sumacheford)

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1330

Finish 1730

IN-SITU TESTING — Time:	1406 12-15	1633 12-15	0904 12-16	1027 12-16	1225 12-16	1322 12-16	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	4.0	9.0	13.0	18.0	22.0	24.0	
Turbidity	5	58	13	13	8	7	
Odor							
pH (units)	6.21	6.30	6.31	6.40	6.28	6.30	
Conductivity ~~(mmho)~~ mS/cm	30.1	33.1	33.6	32.8	29.8	29.3	
Water Temperature (°C)	16.4	13.9	10.1	10.8	15.2	15.0	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM GDH EW011(01)

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-21-94

WELL NO.: NBCH\ GDH 011 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: B. Doll

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) ~~0~~ 3'

Depth to bottom of well from TOC (ft.) 14.80

Depth to water surface from TOC (ft.) 4.78

Length of water (ft.) 10.02

Volume of water (ft.)

(gal.) 1.70

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.10

PURGING

Time started 0845 Finished 1027

Volume purged 6g

Comments on Well Recovery

Depth to water (ft.) 4.78

Completion

Additional Comments

Sample Collected: Start 1030

Finish 1120

IN-SITU TESTING

Time:	0911	0925	0944	0958	1014	1027	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1	2	3	4	5	6	
Turbidity	596	439	369	209	72	5	
Odor							
pH (units)	7.13	7.20	7.19	7.16	7.06	7.11	
Conductivity ~~(umhos)~~ mS/cm	23.8	28.6	31.9	35.5	33.1	33.3	
Water Temperature (°C)	23.2	23.5	22.8	21.8	22.3	21.4	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH GDH GW 11D01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 12-14, 12-15-94

WELL NO.: NBCH \ GDH 011D LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 59.35

Depth to water surface from TOC (ft.) 9.90

Length of water (ft.) 49.45

Volume of water (ft.)

(gal.) 8.41

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 25.23

PURGING

Time started 1530 Finished 1705 (well dry)

Volume purged 7.0 g

Comments on Well Recovery well went dry during purging

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1725 12/14 0930 12-15

Finish 1750 12/14 1010 12-15

IN-SITU TESTING

Time:	1542	1552	1603	1615	1627	1639	1658
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	5.0	6.0	7.0
Turbidity	1	2	2	3	5	9	64
Odor							
pH (units)	6.36	6.45	6.49	6.42	6.41	6.42	6.35
Conductivity (µmho)	32.8	34.0	34.8	36.6	36.7	37.9	39.1
Water Temperature (°C)	16.1	14.6	13.4	12.9	12.7	12.1	10.8
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 1313GW001 01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-1-94

WELL NO.: CSY-1313-001 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\013-005

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\013-005

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 17.04

Depth to water surface from TOC (ft.) 3.96

Length of water (ft.) 13.08

Volume of water (ft.) _____

(gal.) 2.22

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 6.66

PURGING

Time started 1455 Finished 1550

Volume purged 7.0 g

Comments on Well Recovery _____

Depth to water (ft.) 3.96

Completion _____

Additional Comments _____

Sample Collected: Start 1550

Finish 1615

IN-SITU TESTING

Time:	1504	1511	1518	1529	1540	1546	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	6.0	7.0	
Turbidity	11	20	23	10	10	9	
Odor							
pH (units)	7.75	7.49	7.45	7.42	7.42	7.40	
Conductivity ~~(mmhos)~~ mS/cm	0.437	0.404	0.431	0.540	0.585	0.584	
Water Temperature (°C)	26.1	24.3	21.5	19.9	19.2	19.5	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCM1313GW0020

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-1-94

WELL NO.: CSY-1313-002 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? CSY 1313-001

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? CSY 1313-001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 19.92

Depth to water surface from TOC (ft.) 4.10

Length of water (ft.) 15.82

Volume of water (ft.) _____

(gal.) 2.79

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 8.07

PURGING

Time started 1500 Finished 1600

Volume purged 8.0 g

Comments on Well Recovery _____

Depth to water (ft.) 4.10

Completion _____

Additional Comments _____

Sample Collected: Start 1605

Finish 1635

IN-SITU TESTING

Time:	1507	1515	1521	1535	1544	1554	1600
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	5.0	6.5	7.5	8.0
Turbidity	5	2	2	0	0	0	0
Odor							
pH (units)	7.50	7.28	7.37	7.30	7.33	7.19	7.23
Conductivity ~~(units)~~ µS/cm	0.436	0.509	0.578	0.542	0.519	0.519	0.510
Water Temperature (°C)	25.3	22.9	21.1	18.0	19.3	19.2	19.4
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH121GW001 01

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-09-94

WELL NO.: NBCH\121-001 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.31

Depth to water surface from TOC (ft.) 4.14

Length of water (ft.) 11.17

Volume of water (ft.)

(gal.) 1.90

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.70

PURGING

Time started 1505 Finished 1615 ~~1550~~

Volume purged 9.0 g

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1617

Finish 1639

IN-SITU TESTING

Time:	1515	1523	1536	1552	1607	1615	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	4.0	6.0	8.0	9.0	
Turbidity	38	85	39	18	10	5	
Odor							
pH (units)	6.98	6.73	6.71	6.62	6.59	6.60	
Conductivity ~~(mmho)~~ mS/cm	4.20	4.16	4.02	4.04	4.05	4.02	
Water Temperature (°C)	22.0	21.6	21.7	21.6	21.7	21.7	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, tinted, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH136GW001C

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-24-94

WELL NO.: NBCH\136001 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\662001

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\662001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) ~~PTBT~~ 3'

Depth to bottom of well from TOC (ft.) 12.12

Depth to water surface from TOC (ft.) 3.29

Length of water (ft.) 8.83

Volume of water (ft.) _____

(gal.) 1.50

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.50

PURGING

Time started 1355 Finished 1445

Volume purged 5.5 g

Comments on Well Recovery _____

Depth to water (ft.) 3.29

Completion _____

Additional Comments _____

Sample Collected: Start 1450

Finish 1520

IN-SITU TESTING

Time:	1404	1411	1421	1429	1439	1443	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	2.0	3.0	4.0	5.0	5.5	
Turbidity	5	3	2	2	1	1	
Odor							
pH (units)	6.97	6.96	6.95	6.94	6.95	6.97	
Conductivity ~~(units)~~ mS/cm	4.59	4.48	4.24	4.03	3.88	3.90	
Water Temperature (°C)	25.4	25.0	24.7	24.7	24.5	24.5	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH CSY[illegible]GW00401

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 11-08-94

WELL NO.: CSY FMW-004 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flushmount

Depth to bottom of well from TOC (ft.) 7.66

Depth to water surface from TOC (ft.) 2.29

Length of water (ft.) 5.37

Volume of water (ft.) _____

(gal.) 0.91

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 2.74

PURGING

Time started 0911 Finished 0940

Volume purged 3.5g

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 0941

Finish 1015

IN-SITU TESTING

Time:	0914	0917	0922	0927	0930	0937	0940
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	0.75	1.5	2.0	2.5	3.0	3.5
Turbidity	92	8	6	3	3	0	1
Odor							
pH (units)	6.05	6.09	6.12	6.13	6.15	6.15	6.15
Conductivity ~~(mmho)~~ mS/cm	1.49	1.69	1.56	1.60	1.57	1.57	1.58
Water Temperature (°C)	19.9	20.2	20.4	20.5	20.5	20.9	21.0
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH178GW001 C1

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-20-94

WELL NO.: NBCH\178001 LOCATION: Zone H

WEATHER CONDITIONS: AMBIENT TEMP:

REVIEWED BY: PERSONNEL: John Hendy

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\017004

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\017004

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) ~~3~~ flushmount

Depth to bottom of well from TOC (ft.) 14.59

Depth to water surface from TOC (ft.) 6.08

Length of water (ft.) 8.51

Volume of water (ft.)

(gal.) 1.45

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.34

PURGING

Time started 0955 Finished 1415

Volume purged 4.6 g

Comments on Well Recovery

Depth to water (ft.) 6.08

Completion

Additional Comments

Sample Collected: Start 1440

Finish 1530

IN-SITU TESTING

Time:	1020	1058	1120	1250	1355	1415	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.0	1.50	2.0	3.25	4.25	4.6	
Turbidity	4	5	3	6	5	5	
Odor							
pH (units)	6.72	6.71	6.81	7.18	7.05	6.89	
Conductivity ~~(units)~~ mS/cm	3.02	2.76	2.66	2.63	2.57	2.73	
Water Temperature (°C)	22.2	22.9	23.8	24.6	23.0	23.7	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\178W0020

PROJECT NAME: Naval Base Charleston (clean) JOB NO: 2908-08440 DATE: 10-20-94

WELL NO.: NBCH\178 002 LOCATION: Zone H

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: John Hardy

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\178001

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\178001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) ~~Flus~~ 3'

Depth to bottom of well from TOC (ft.) 12.06

Depth to water surface from TOC (ft.) 3.06

Length of water (ft.) 9.00

Volume of water (ft.) _____

(gal.) 1.53

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.59

PURGING

Time started 1258 Finished 1548

Volume purged 4.60 g

Comments on Well Recovery _____

Depth to water (ft.) 3.06

Completion _____

Additional Comments _____

Sample Collected: Start 1550

Finish 1620

IN-SITU TESTING

Time:	1340	1420	1437	1505	1535	1548	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0.75	1.50	2.25	3.25	4.00	4.60	
Turbidity	4	2	1	1	3	1	
Odor							
pH (units)	7.66	7.69	7.52	7.65	7.54	7.50	
Conductivity ~~(µmho)~~ mS/cm	1.09	1.08	0.98	1.18	1.08	1.05	
Water Temperature (°C)	25.5	24.3	25.1	26.1	26.0	25.9	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 009GW001(02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/17/95

WELL NO.: NBCH\009-001 — LOCATION: ZONE H

WEATHER CONDITIONS: — AMBIENT TEMP:

REVIEWED BY: — PERSONNEL:

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH\009-011

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) ~3'

Depth to bottom of well from TOC (ft.) 16.52'

Depth to water surface from TOC (ft.) 6.48'

Length of water (ft.) 10.04

Volume of water (ft.) 7

(gal.) 1.7

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.1

PURGING

Time started 1045 Finished 1104

Volume purged 5.1

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1107

Finish 1123

IN-SITU TESTING

Time:	1045	1051	1057	1104			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.7	3.4	5.1			
Turbidity	3.15	2.83	0.85	0.98			
Odor							
pH (units)	8.71	8.56	8.6	8.69			
Conductivity (µmho)	2950	2970	3000	3030			
Water Temperature (°C)	22	25.5	25.1	25.7			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/17/95

WELL NO.: NBCH\ 009 - 002 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny, Breezy — AMBIENT TEMP: 75°

REVIEWED BY: — PERSONNEL: MB, BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-GDH-00D

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 17.95

Depth to water surface from TOC (ft.) 5.86

Length of water (ft.) 12.09

Volume of water (ft.)

(gal.) 2.1

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 6.3

PURGING

Time started 1012 Finished 1056

Volume purged 6.3

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 5.86

Completion

Additional Comments

Sample Collected: Start 1107

Finish 1115

IN-SITU TESTING

Time:	1012	1022	1039	1056			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	6	2.1	4.2	6.3			
Turbidity	55.2	22.1	8.6	4.3			
Odor							
pH (units)	7.0	7.1	7.0	7.1			
Conductivity (µmhos)	3500	3100	3900	4000			
Water Temperature (°C)	20	20	20	20			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/17/95

WELL NO.: NBCH\ 009 - 02D — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny, Breezy — AMBIENT TEMP: 75°

REVIEWED BY: — PERSONNEL: MB, BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-GDH-010

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 56.90

Depth to water surface from TOC (ft.) 4.87

Length of water (ft.) 52.03

Volume of water (ft.)

(gal.) 8.9

Amount of sediment at bottom of well (ft.) 6"

3 Volumes of water (gal.) 26.7

PURGING

Time started 1008 — Finished 1210

Volume purged 26.7 gals

Comments on Well Recovery (FAST/MODERATE/SLOW)

Depth to water (ft.) 4.87

Completion

Additional Comments

Sample Collected: Start 1221

Finish 1230

IN-SITU TESTING

Time:	1008	1045	1133	1210			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	8.9	17.8	26.7			
Turbidity	10.3	13.9	1.8	.5			
Odor							
pH (units)	7.90	6.9	6.9	6.9			
Conductivity (µmho)	15000	27000	27500	27500			
Water Temperature (°C)	20	20	21	21			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: _____ (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: / / 95

WELL NO.: NBCH\009-003-02 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 85°

REVIEWED BY: _____ — PERSONNEL: KD GF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 14.95

Depth to water surface from TOC (ft.) 5.20

Length of water (ft.) 9.75'

Volume of water (ft.) 9.75

(gal.) 1.65

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.97

PURGING

Time started 0900 — Finished 0925

Volume purged 5.0

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 0930

Finish 0945

IN-SITU TESTING

Time:	0900	0905	0917	0925			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.65	3.30	5.00			
Turbidity	5.0	3.2	1.25	638			
Odor							
pH (units)	8.28	8.27	8.30	8.29			
Conductivity (umhos)	6,950	4,280	3,960	2,500			
Water Temperature (°C)	69.0	69.3	71.8	71.5			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 009GW034(02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/18+19/95

WELL NO.: NBCH 009-03D — LOCATION: ZONE H

WEATHER CONDITIONS: — AMBIENT TEMP:

REVIEWED BY: — PERSONNEL: Greg Force Kevin Davis

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH 009-001

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) ~3'

Depth to bottom of well from TOC (ft.) 51.95

Depth to water surface from TOC (ft.) 0

Length of water (ft.) 51.95

Volume of water (ft.)

(gal.) 8.83

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4-18-95

PURGING

Time started 0855 (4-18-95) Finished 1108 (4-19-95)

Volume purged 26.5

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) 0 (4-18-95) 2.26' (4-19-95)

Completion

Additional Comments

Sample Collected: Start 1115

Finish 1215

IN-SITU TESTING — Time:	1	2	3	4	5	6	7
	0855	1034	1451	0838	1108		
Well Volume Purged (gal.)	0	8.9	17.8	17.8	26.5		
Turbidity	31.5	17.63	11.6	6.75	10.5		
Odor							
pH (units)	6.8	6.8	6.84	6.67	6.64		
Conductivity (umhos)	>20K	16460	>20K	>20K	>20K		
Water Temperature ~~°C~~ °F	71.5	78	83	70.8	78.4		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: _____ (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 18 / 95

WELL NO.: NBCH\ 009 - 004 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny, Breezy — AMBIENT TEMP: 85

REVIEWED BY: _____ — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH - 009-020

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 16.50

Depth to water surface from TOC (ft.) 4.03

Length of water (ft.) 12.47

Volume of water (ft.) _____

(gal.) 2.1

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 6.3

PURGING

Time started 1236 — Finished 1259

Volume purged 6.3 gals

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 4.03

Completion _____

Additional Comments _____

Sample Collected: Start _____

Finish _____

IN-SITU TESTING

Time:	1236	1242	1249	1259			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	2.1	4.2	6.3			
Turbidity	19.0	3.3	1.0	1.5			
Odor							
pH (units)	7.5	7.3	7.4	7.6			
Conductivity (µmho)	12000	16600	17000	18000			
Water Temperature (°C)	22	21	21	21			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/18/95 4/19/95

WELL NO.: NBCH\ 009 -04D — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny Breezy — AMBIENT TEMP: 85

REVIEWED BY: — PERSONNEL: AB BC

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-009-002

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 37.35

Depth to water surface from TOC (ft.) 4.38

Length of water (ft.) 32.97

Volume of water (ft.)

(gal.) 5.6

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 16.8

PURGING

Time started 1223 (4-18) Finished 0932 (4-19)

Volume purged 16.8 gals

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) 4.38

Completion

Additional Comments

Sample Collected: Start 1001

Finish 1012

IN-SITU TESTING

Time:	1	2	3	4	5	6	7
	1223	1254	1438		0837	0932	
	4-18-95				4-19-95		
Well Volume Purged (gal.)	0	5.6	11.2		11.2	16.8	
Turbidity	2.0	9.4	7.3		3.9	4.7	
Odor							
pH (units)	7.4	6.9	6.9		7.0	6.9	
Conductivity (µmhos)	37000	34000	34000		33000	32000	
Water Temperature (°C)	21	21	23		21	21	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/19/95

WELL NO.: NBCH\ 009-005 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 85

REVIEWED BY: — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-009-02D

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 15.72

Depth to water surface from TOC (ft.) 4.01

Length of water (ft.) 11.71

Volume of water (ft.)

(gal.) 2

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 6

PURGING

Time started 1120 Finished 1146

Volume purged 6 gals

Comments on Well Recovery (FAST) MODERATE/SLOW

Depth to water (ft.) 4.01

Completion

Additional Comments

Sample Collected: Start 1204

Finish 1214

IN-SITU TESTING

Time:	1120	1125	1137	1146			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	2	4	6			
Turbidity	4.2	4.7	4.0	7.0			
Odor							
pH (units)	7.0	7.0	6.9	7.1			
Conductivity (µmho)	9800	8000	12000	8000			
Water Temperature (°C)	22	21	21	21			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 19 / 95

WELL NO.: NBCH 009-05D — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 75

REVIEWED BY: — PERSONNEL: MB DL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-009-04D

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 68.43

Depth to water surface from TOC (ft.) 0.71

Length of water (ft.) 61.72

Volume of water (ft.)

(gal.) 10.5

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 31.5

PURGING

Time started 1106 Finished 1312

Volume purged 31.5 gals

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 0.71

Completion

Additional Comments

Sample Collected: Start 1331

Finish 1344

IN-SITU TESTING

Time:	1106	1149	1246	1312			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	6	10.5	21	31.5			
Turbidity	4.5	21.3	5.2	1.2			
Odor							
pH (units)	7.5	7.0	7.1	6.9			
Conductivity (µmho)	25000	27000	34000	28000			
Water Temperature (°C)	22	22	23	23			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\ (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 20 / 95

WELL NO.: NBCH\ 009 - 006 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 80

REVIEWED BY: — PERSONNEL: MS BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-009-05D

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 17.92

Depth to water surface from TOC (ft.) 9.02

Length of water (ft.) 8.90

Volume of water (ft.)

(gal.) 1.5

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.5

PURGING

Time started 0956 Finished 1021

Volume purged 4.5 gals

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 9.02

Completion

Additional Comments MS/MSD collected

Sample Collected: Start 1051

Finish 1126

IN-SITU TESTING

Time:	0956	1003	1014	1021			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.5	3.0	4.5			
Turbidity	43.3	12.4	4.7	4.2			
Odor							
pH (units)	7.4	7.1	8.0	7.6			
Conductivity (µmho)	550	420	700	500			
Water Temperature (°C)	20	20	20	20			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/20/95

WELL NO.: NBCH\ 009-06D — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 80°

REVIEWED BY: — PERSONNEL: MB BC

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-009-005

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 37.35

Depth to water surface from TOC (ft.) 8.90

Length of water (ft.) 28.45

Volume of water (ft.)

(gal.) 4.8

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 14.4

PURGING

Time started 0931 Finished 1225

Volume purged 14.4 gals

Comments on Well Recovery (FAST/MODERATE/SLOW)

Depth to water (ft.) 8.90

Completion

Additional Comments

Sample Collected: Start 1243

Finish 1256

IN-SITU TESTING

Time:	0939	1011	1119	1225			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	4.8	9.6	14.4			
Turbidity	16.0	16.9	2.0	1.3			
Odor							
pH (units)	7.5	6.9	6.9	7.3			
Conductivity (µmhos)	25500	28000	30000	31000			
Water Temperature (°C)	23	25	25	25			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: NBCH\009GW007

PROJECT NAME: Naval Base Charleston JOB NO: 2908-08440 DATE: 5-11-95

WELL NO.: NBCH\009 W 007 LOCATION: ZONE H

WEATHER CONDITIONS: Sunny AMBIENT TEMP: 80°

REVIEWED BY: PERSONNEL: M. Bost, J. Austin

PURGING DEVICE

Type device? Jarastaltic pump

How was the device decontaminated? N/A

How was the line decontaminated? N/A

Which well was previously purged? NBCH 121 001

SAMPLING DEVICE

Type device? " Same

How was the device decontaminated? N/A

How was the line decontaminated? per CSAP

Which well was previously sampled? NBCH 121-001

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.22

Depth to water surface from TOC (ft.) 4.82

Length of water (ft.) 11.40

Volume of water (ft.)

(gal.) 1.93

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.)

PURGING

Time started 10:45 Finished 1100

Volume purged 2 gal

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1105

Finish

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1050	1055	1100				
Well Volume Purged (gal.)	.5	1	2				
Turbidity	4	6	3				
Odor							
pH (units)	6.91	6.92	6.87				
Conductivity (µmhos)	3.59	3.56	3.58				
Water Temperature (°C)	23.4	23.5	23.4				
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/24/95

WELL NO.: NBCH\009GW0070L — LOCATION: ZONE H

WEATHER CONDITIONS: Raining — AMBIENT TEMP: 60°

REVIEWED BY: — PERSONNEL: KD, GF, MB

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.15

Depth to water surface from TOC (ft.) 5.92

Length of water (ft.) 10.25

Volume of water (ft.) 10.25

(gal.) 1.79

Amount of sediment at bottom of well (ft.) 0

3 Volumes of water (gal.) 5.22

PURGING

Time started 1238 — Finished 1254

Volume purged 5.25

Comments on Well Recovery (FAST/MODERATE/SLOW) FAST

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1300

Finish 1325

IN-SITU TESTING

Time:	1238	1244	1249	1254			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.75	3.50	5.25			
Turbidity	6.02	5.75	3.25	3.0			
Odor							
pH (units)	6.33	6.37	6.39	6.34			
Conductivity (µmho)	>20,000	14,100	13,360	13,980			
Water Temperature (°C)	66.9	69.5	69.5	69.9			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/29/95

WELL NO.: NBCH\009070 — LOCATION: ZONE H

WEATHER CONDITIONS: Raining — AMBIENT TEMP: 60°

REVIEWED BY: — PERSONNEL: KD, GF, MB

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH009070 2

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 2

Depth to bottom of well from TOC (ft.) 71.55

Depth to water surface from TOC (ft.) 6.68

Length of water (ft.) 64.87

Volume of water (ft.) 64.87

(gal.) 11.0

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 33

PURGING

Time started 1055 — Finished 1257

Volume purged 33 g

Comments on Well Recovery (FAST) MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1330

Finish 1420

IN-SITU TESTING

Time:	1055	1136	1214	1257			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	11	22	33			
Turbidity	8.84	28.5	8.75	4.00			
Odor							
pH (units)	6.92	6.36	6.33	6.37			
Conductivity (µmho)	>20k	19,560	>20k	>20k			
Water Temperature (°C)	71°	70	68.4	68.5			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/25/95

WELL NO.: NBCH\ 009 -008 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny windy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 16.30

Depth to water surface from TOC (ft.) 4.27

Length of water (ft.) 12.03

Volume of water (ft.)

(gal.) 2.05

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 6.15

PURGING

Time started 1030 Finished 1055

Volume purged 6.15 gals

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 4.27

Completion

Additional Comments

Sample Collected: Start 1100

Finish 1110

IN-SITU TESTING

Time:	1030	1039	1047	1055			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	2.05	4.10	6.15			
Turbidity	63	4.1	9.4	1.6			
Odor							
pH (units)	6.9	6.9	6.9	6.9			
Conductivity (µmhos)	21000	18500	17500	19000			
Water Temperature (°C)	21	21	21	20			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/25/95

WELL NO.: NBCH\ 009 - 08D — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny Breezy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 54.67

Depth to water surface from TOC (ft.) 0.0

Length of water (ft.) 54.67

Volume of water (ft.)

(gal.) 9.3

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 27.9

PURGING

Time started 0932 Finished 1549

Volume purged 28 gals

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) 0.0

Completion

Additional Comments

Sample Collected: Start 1555

Finish 1559

IN-SITU TESTING

Time:	0932	1134	1357	1549			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	9.3	18.6	27.9			
Turbidity	3.58	13.6	9.76	7.41			
Odor							
pH (units)	7.1	7.1	7.0	7.1			
Conductivity (µmho)	23500	26500	27000	26000			
Water Temperature (°C)	19.	22	22	21			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCA009GW0090A

PROJECT NAME: Naval Base Charleston — JOB NO: 2908-08440 — DATE: 5-10-95

WELL NO.: NBCA 009 009 — LOCATION: Zone H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 80°

REVIEWED BY: — PERSONNEL: L. Ham, M. Beal, J. Austin

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? N/A

How was the line decontaminated? N/A

Which well was previously purged? NBCA GDI 009

SAMPLING DEVICE

Type device? Same

How was the device decontaminated? N/A

How was the line decontaminated? per CSAP

Which well was previously sampled? NBCA GDI 009

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 17.57

Depth to water surface from TOC (ft.) 9.21

Length of water (ft.) 8.36

Volume of water (ft.)

(gal.) 1.42

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.26

PURGING

Time started 1415 Finished 1535

Volume purged

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1540

Finish

IN-SITU TESTING

Time:	1419	1425	1426	1435	1457	1513	1535
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1	2	3	5	7	9	11
Turbidity	4	5	4	41	48	24	9
Odor							
pH (units)	6.81	6.98	7.01	7.04	7.16	7.22	7.28
Conductivity (µmho)	.950	.892	.853	.983	1.62	1.69	1.71
Water Temperature (°C)	22.4	21.5	21.2	21.2	21.7	22.1	22.1
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: 009-009 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/14/95

WELL NO.: NBCH 009-009 — LOCATION: ZONE H

WEATHER CONDITIONS: — AMBIENT TEMP:

REVIEWED BY: — PERSONNEL: Greg Force Kevin Davis

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 2.3'

Depth to bottom of well from TOC (ft.) 17.51

Depth to water surface from TOC (ft.) 8.91

Length of water (ft.) 8.60

Volume of water (ft.)

(gal.) 1.46

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.38

PURGING

Time started 0930 Finished 0947

Volume purged 4.5

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 0953

Finish 1004

IN-SITU TESTING

Time:	0930	0936	0942	0947			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.5	3	4.5			
Turbidity	17.5	7	7.25	9.5			
Odor							
pH (units)	6.5	6.49	6.5	6.58			
Conductivity (µmho)	1200	1326	1375	1400			
Water Temperature (°C)	66.8	65.7	64.4	65.6			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 009GW09(02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/25/95

WELL NO.: NBCH\009-010 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny w/light wind from North — AMBIENT TEMP: 70°F

REVIEWED BY: — PERSONNEL: Kevin Davis Berryleister

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH\009-007

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) ~3'

Depth to bottom of well from TOC (ft.) 18.41

Depth to water surface from TOC (ft.) 5.95

Length of water (ft.) 12.46

Volume of water (ft.)

(gal.) 2.11

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.)

PURGING

Time started 1356 Finished 1437

Volume purged 7.5

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1445

Finish 1530

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1356	1406	1416	1433	1437		
Well Volume Purged (gal.)	0	2.11	4.22	6.33	7.5		
Turbidity	19.2	26.7	17.7	27.3	2.7		
Odor							
pH (units)	6.9	6.7	6.7	6.7	6.7		
Conductivity (µmho)	7000	12000	11000	11000	11000		
Water Temperature (°C)	21	20	20	21	20		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: NBCH\009GW0100A

PROJECT NAME: Naval Base Charleston JOB NO: 2908-08440 DATE: 5-11-95

WELL NO.: NBCH\009 010 LOCATION: ZONE H

WEATHER CONDITIONS: P+ly Cloudy AMBIENT TEMP: 75°

REVIEWED BY: PERSONNEL: M. Bost, J. Austin

PURGING DEVICE

Type device? peristaltic pump

How was the device decontaminated? N/A

How was the line decontaminated? N/A

Which well was previously purged? NBCH\009 W009

SAMPLING DEVICE

Type device? "Same

How was the device decontaminated? N/A

How was the line decontaminated? per CSAP

Which well was previously sampled? NBCH\009 W009

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 18.40

Depth to water surface from TOC (ft.) 6.11

Length of water (ft.) 12.29

Volume of water (ft.)

(gal.) 2.09 gal

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.)

PURGING

Time started 0840 Finished 0855

Volume purged 2.5 gal

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 0900

Finish

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	0846	0850	0855				
Well Volume Purged (gal.)	1	2	2.5				
Turbidity	95	10	2				
Odor							
pH (units)	6.82	6.84	6.83				
Conductivity (µmho)	3.44	3.47	3.45				
Water Temperature (°C)	20.3	20.0	20.1				
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: 0096W011 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/14/95

WELL NO.: NBCH\009-011 — LOCATION: ZONE H

WEATHER CONDITIONS: — AMBIENT TEMP:

REVIEWED BY: — PERSONNEL: Greg Force Kevin Davis

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH 009-009

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) ~3'

Depth to bottom of well from TOC (ft.) 18.18

Depth to water surface from TOC (ft.) 9.13

Length of water (ft.) 9.05

Volume of water (ft.) ~~1.5~~

(gal.) 1.52

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.56

PURGING

Time started 1317 Finished 1345

Volume purged 5 gal

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1347

Finish ~~1358~~

IN-SITU TESTING

Time:	1317	1324	1331	1338	1345		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.52	3	4.5	5		
Turbidity	3.55	5.25	2	4	—		
Odor							
pH (units)	6.65	6.65	6.65	6.57	6.56		
Conductivity (µmho)	9940	2560	2930	3610	3530		
Water Temperature ~~°C~~ °F	74	71	72.1	71	69.7		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/24/95

WELL NO.: NBCH\ 009-012 — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy, Rain — AMBIENT TEMP: 75°

REVIEWED BY: — PERSONNEL: MB, RD, BF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-009-006

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 15.54

Depth to water surface from TOC (ft.) 5.62

Length of water (ft.) 9.92

Volume of water (ft.)

(gal.) 1.7

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.1

PURGING

Time started 1303 Finished

Volume purged 5.1 gals

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 5.62

Completion

Additional Comments

Sample Collected: Start

Finish

IN-SITU TESTING

Time:	1303	1316	1322				
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.7	3.4				
Turbidity	98.7	21.4	14.7				
Odor							
pH (units)	7.1	6.9	6.9				
Conductivity (µmho)	4000	6500	4900				
Water Temperature (°C)	19	20	20				
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: NBCH\009 GW0R0A

PROJECT NAME: Naval Base Charleston JOB NO: 2908-08440 DATE: 5-11-95

WELL NO.: NBCH\ 009 W 012 LOCATION: ZONE H

WEATHER CONDITIONS: ptly cloudy AMBIENT TEMP: 80°

REVIEWED BY: PERSONNEL: M. Boat, J. Austin

PURGING DEVICE

Type device? peristaltic pump

How was the device decontaminated? N/A

How was the line decontaminated? N/A

Which well was previously purged? NBCH\ 009 W007

SAMPLING DEVICE

Type device? Same

How was the device decontaminated? N/A

How was the line decontaminated? per CSAP

Which well was previously sampled? NBCH\ 009 W007

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 70.52

Depth to water surface from TOC (ft.) 6.54

Length of water (ft.) 63.98

Volume of water (ft.)

(gal.) 11.08

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.)

PURGING

Time started 1350 Finished 1450

Volume purged 12

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1500

Finish

IN-SITU TESTING

Time:							
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1	2	4	6	8	10	12
Turbidity	22	19	20	27	22	14	10
Odor							
pH (units)	7.57	7.01	6.95	6.92	6.92	6.91	6.95
Conductivity (µmho)	5.89	6.20	6.24	6.24	6.30	6.36	6.32
Water Temperature (°C)	22.0	21.9	21.5	21.5	21.7	21.3	21.2
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: NBCH\009GW012DA

PROJECT NAME: Naval Base Charleston JOB NO: 2908-08440 DATE: 5-22-95

WELL NO.: NBCH\009GW012D LOCATION: SWMU 9

WEATHER CONDITIONS: Sunny clear, Calm AMBIENT TEMP: 78°

REVIEWED BY: PERSONNEL: T. Temple, L. Ham

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? N/A

How was the line decontaminated? Per C Sap

Which well was previously purged? NBCH\009GW 012D

SAMPLING DEVICE

Type device? PTFE Tubing

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\009GW012D

INITIAL WELL VOLUME

Well diameter (in.) 2 in

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 15.54

Depth to water surface from TOC (ft.) 5.84

Length of water (ft.) 9.70

Volume of water (ft.)

(gal.) 1.65

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.95

PURGING

Time started 1025 Finished 1050

Volume purged ~~2 gal~~ TBT 1.75 gal

Comments on Well Recovery good

Depth to water (ft.) 5.84

Completion 1050

Additional Comments Engineer Parameters

Sample Collected: Start 1045

Finish 1050

IN-SITU TESTING

Time:	1025	1031	1038				
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	.5	1	1.5				
Turbidity	20	9	-10				
Odor	None	None	None				
pH (units)	6.40	6.52	6.52				
Conductivity (µmho)	5.40	5.57	5.55				
Water Temperature (°C)	22.6	22.1	21.5				
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: _____ (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 24 / 95

WELL NO.: NBCH \ 009 - 12D — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy, Rain — AMBIENT TEMP: 75°

REVIEWED BY: _____ — PERSONNEL: MB KD GF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-009-06D

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 69.44

Depth to water surface from TOC (ft.) 6.55

Length of water (ft.) 62.89

Volume of water (ft.) _____

(gal.) 10.7

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 32.10

PURGING

Time started 0930 — Finished _____

Volume purged 32.1 gals

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 6.55

Completion _____

Additional Comments _____

Sample Collected: Start 1142

Finish 1153

IN-SITU TESTING

Time:	0930	1038	1104	1137			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	14	21.4	32.1			
Turbidity	14.6	8.7	11.5	7.8			
Odor							
pH (units)	7.3	7.4	7.4	7.4			
Conductivity (µmho)	24000	26000	26000	26500			
Water Temperature (°C)	20	20	20	20			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/17/95

WELL NO.: NBCH\ 009-013-02 — LOCATION: ZONE H

WEATHER CONDITIONS: — AMBIENT TEMP:

REVIEWED BY: — PERSONNEL: RO GF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.97

Depth to water surface from TOC (ft.) 6.75

Length of water (ft.) 8.72

Volume of water (ft.) 1.5

(gal.) 1.5

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.59

PURGING

Time started 1251 Finished 1306

Volume purged 4.5

Comments on Well Recovery (FAST) MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1310

Finish 1322

IN-SITU TESTING

Time:	1251	1256	1301	1306			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.5	3.0	4.5			
Turbidity	6.2	39	3.0	0.8			
Odor							
pH (units)	6.31	6.25	6.27	6.27			
Conductivity (µmho)	8010	7350	6890	6580			
Water Temperature (°C)	80.5	77.5	77.4	76.6			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 17 / 95

WELL NO.: NBCH \ 008- 01402 — LOCATION: ZONE H

WEATHER CONDITIONS: — AMBIENT TEMP:

REVIEWED BY: — PERSONNEL: KD GF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-008-01302

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.27

Depth to water surface from TOC (ft.) 6.18

Length of water (ft.) 8.59

Volume of water (ft.) 8.59

(gal.) 1.5

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.5

PURGING

Time started 1341 Finished 1402

Volume purged 4.5

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1405

Finish 1416

IN-SITU TESTING

Time:	1341	1348	1354	1402			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.5	3.0	4.5			
Turbidity	10.9	86.5	8.5	8.5			
Odor	6.27	6.25	6.27	6.27			
pH (units)	↓	↓	↓	↓			
Conductivity (µmho)	3990	8850	11120	11990			
Water Temperature (°C)	79.8	78.6	76	76			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: 009GW015(02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/19/95

WELL NO.: NBCH\009-015 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny - 4-5 mph SSW wind SSW — AMBIENT TEMP: 85°

REVIEWED BY: — PERSONNEL: Greg Force / Kevin Davis

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH 009003

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) ~3'

Depth to bottom of well from TOC (ft.) 16.02

Depth to water surface from TOC (ft.) 8.79

Length of water (ft.) 7.23

Volume of water (ft.) ~~7.23~~

(gal.) 1.23

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.)

PURGING

Time started 1328 Finished 1402

Volume purged 4.75

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1405

Finish 1425

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1328	1332	1340	1351	1402		
Well Volume Purged (gal.)	0	1.25	2.5	3.25	4.25		
Turbidity	>200	>200	42.5	27.5	10.26		
Odor							
pH (units)	6.55	6.53	6.51	6.52	6.53		
Conductivity (µmho)	11,530	3,180	3360	3520	3670		
Water Temperature ~~°C~~ °F	81.8	82.5	78.7	76.8	78		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\009G-W01601

PROJECT NAME: Naval Base Charleston — JOB NO: 2908-08440 — DATE: 4-19-95

WELL NO.: NBCH\ 009-016 — LOCATION: SWMU 9

WEATHER CONDITIONS: Sunny clear — AMBIENT TEMP: 85°

REVIEWED BY: — PERSONNEL: T. Temple P. Bayley

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? workplan

How was the line decontaminated? workplan

Which well was previously purged? NBCH-017-06

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? work plan

How was the line decontaminated? workplan

Which well was previously sampled? NBCH-017-06

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.64

Depth to water surface from TOC (ft.) 4.74

Length of water (ft.) 11.90

Volume of water (ft.)

(gal.) 2.0

Amount of sediment at bottom of well (ft.) None

3 Volumes of water (gal.) 6.0

PURGING

Time started 1127 Finished 1145

Volume purged 6.5

Comments on Well Recovery Good

Depth to water (ft.) 4.48

Completion

Additional Comments MS/MSD + App. IX Qp

Sample Collected: Start 1150

Finish 1245

IN-SITU TESTING

Time:	11:28	1134	1136	1138	1141	1145	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	.5	2	3	4	5.5	6.5	
Turbidity	50	10	-10	-10	-10	-10	
Odor	None	None	None	None	None	None	
pH (units)	6.77	5.85	7.34	7.59	7.52	7.51	
Conductivity ~~[illegible]~~ mS/cm	2.9	8.77	7.60	7.62	7.58	7.69	
Water Temperature (°C)	20.3	21.1	20.1	19.7	18.7	18.6	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH/009GW01601

PROJECT NAME: Navy Base Charleston — JOB NO: 2906-09440 — DATE: 4/27/95

WELL NO.: NBCH/009016-01 — LOCATION:

WEATHER CONDITIONS: Partly Cloudy, 78° — AMBIENT TEMP: 78°

REVIEWED BY: — PERSONNEL: L. Ham, M. Bost, J. Austin

PURGING DEVICE

Type device? Parastaltic Pump

How was the device decontaminated?

How was the line decontaminated?

Which well was previously purged?

SAMPLING DEVICE

Type device?

How was the device decontaminated?

How was the line decontaminated?

Which well was previously sampled?

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 16.64

Depth to water surface from TOC (ft.) 5.22

Length of water (ft.) 11.42

Volume of water (ft.)

(gal.) 1.93

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.79

PURGING

Time started 1448 — Finished 1507

Volume purged 6 gallons

Comments on Well Recovery Good

Depth to water (ft.) 5.22

Completion

Additional Comments

Sample Collected: Start 1509

Finish 1523

IN-SITU TESTING

Time:	1451	1455	1458	1501	1504	1507	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1	2	3	4	5	6	
Turbidity	30	13	7	4	2	2	
Odor							
pH (units)	8.28	8.77	8.47	8.16	7.73	7.69	
Conductivity (μmho)	5.7	3.39	8.51	7.58	7.26	7.00	
Water Temperature (°C)	18.7	18.7	18.8	18.6	18.4	18.6	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\009GW017C1

PROJECT NAME: Naval Base Charleston — JOB NO: 2908-08440 — DATE: 4-19-95

WELL NO.: NBCH-009-017 — LOCATION: SWMU 009

WEATHER CONDITIONS: Sunny clear — AMBIENT TEMP: 85°

REVIEWED BY: — PERSONNEL: T. Temple T. McCord

PURGING DEVICE

Type device? Perastaltic Pump

How was the device decontaminated? workplan

How was the line decontaminated? workplan

Which well was previously purged? NBCH-009-016

SAMPLING DEVICE

Type device? Perastaltic Pump

How was the device decontaminated? work plan

How was the line decontaminated? workplan

Which well was previously sampled? NBCH-009-016

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 13.65

Depth to water surface from TOC (ft.) 5.10

Length of water (ft.) 8.55

Volume of water (ft.)

(gal.) 1.45

Amount of sediment at bottom of well (ft.) none

3 Volumes of water (gal.) 4.35

PURGING

Time started 1525 Finished 1536

Volume purged 4.5 gal

Comments on Well Recovery Good

Depth to water (ft.) 5.10

Completion

Additional Comments

Sample Collected: Start 1540

Finish 1600

IN-SITU TESTING

Time:	1526	1530	1531	1533	1535	1536	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	.5	1.5	2	3	4	4.5	
Turbidity	26	-10	-10	-10	-10	-10	
Odor	None	None	None	None	None	None	
pH (units)	7.45	7.70	7.78	7.79	7.79	7.79	
Conductivity ~~umhos~~ ms/cm	3.62	3.68	3.67	3.50	3.52	3.62	
Water Temperature (°C)	21.9	21.3	21.1	20.7	20.8	20.2	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\6096-W01B01

PROJECT NAME: Naval Base Charleston — JOB NO: 2908-08440 — DATE: 4-20-95

WELL NO.: NBCH-009-018 — LOCATION: SWMU 009

WEATHER CONDITIONS: Hot, Sunny, Clear — AMBIENT TEMP: 90°

REVIEWED BY: — PERSONNEL: T. Temple M. Bost

PURGING DEVICE

Type device? Perastaltic Pump

How was the device decontaminated? Workplan

How was the line decontaminated? workplan

Which well was previously purged? NBCH-009-018

SAMPLING DEVICE

Type device? Perastaltic Pump

How was the device decontaminated? Work plan

How was the line decontaminated? workplan

Which well was previously sampled? NBCH-009-018

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 14.81

Depth to water surface from TOC (ft.) 5.33

Length of water (ft.) 9.48

Volume of water (ft.)

(gal.) 1.61

Amount of sediment at bottom of well (ft.) None

3 Volumes of water (gal.) 4.83

PURGING

Time started ~1305 Finished 1318

Volume purged 5.0 gal

Comments on Well Recovery Good

Depth to water (ft.) 5.33

Completion

Additional Comments

Sample Collected: Start 1320

Finish 1345

IN-SITU TESTING

Time:	1306	1308	1310	1313	1315	1318	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	.5	1.5	2.5	3.5	4.0	5.0	
Turbidity	63	113	12	-10	-10	-10	
Odor	None	None	None	None	None	None	
pH (units)	6.08	6.39	6.54	6.64	6.61	6.68	
Conductivity ~~[illegible]~~ mS/cm	11.4	11.4	11.7	11.8	11.8	11.8	
Water Temperature (°C)	23	21.7	21.1	21.3	21.2	20.9	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH|009GW01901

PROJECT NAME: Naval Base Charleston — JOB NO: 2908-08440 — DATE: 4-20-95

WELL NO.: NBCH-009-019 — LOCATION: SWMU 009

WEATHER CONDITIONS: sunny clear — AMBIENT TEMP: 90°

REVIEWED BY: — PERSONNEL: T. Temple M. Bast

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? workplan

How was the line decontaminated? workplan

Which well was previously purged? NBCH-009-018

SAMPLING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? work plan

How was the line decontaminated? workplan

Which well was previously sampled? NBCH-009-018

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 14.48

Depth to water surface from TOC (ft.) 4.87

Length of water (ft.) 9.61

Volume of water (ft.)

(gal.) 1.59

Amount of sediment at bottom of well (ft.) None

3 Volumes of water (gal.) 4.77

PURGING

Time started 1400 Finished 1413

Volume purged 5 gal

Comments on Well Recovery Good

Depth to water (ft.) 4.87

Completion

Additional Comments

Sample Collected: Start 1415

Finish 1430

IN-SITU TESTING

Time:	1402	1403	1409	1411	1413		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	.5	2	3	4	5		
Turbidity	100	2 2/3	148	-10	-10		
Odor	None	None	None	None	None		
pH (units)	6.30	5.78	5.99	6.08	6.10		
Conductivity ~~(µmhos)~~ mS/cm	7.49	7.42	7.58	7.72	7.67		
Water Temperature (°C)	21.6	20.8	19.3	19.9	20.6		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\013GW001C

PROJECT NAME: Charleston Naval Base — JOB NO: 2908440 — DATE: 3-24-95

WELL NO.: NBCH - 013-001 — LOCATION: Zone H

WEATHER CONDITIONS: sunny + windy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: Barry Lester, Mike Basha, Greg Force, Kevin Davis

PURGING DEVICE

Type device? peristaltic pump

How was the device decontaminated? —

How was the line decontaminated? Soap/DI/isoprop./DI

Which well was previously purged? NBCH-09-09 (practice wells)

SAMPLING DEVICE

Type device? same

How was the device decontaminated? same

How was the line decontaminated? same

Which well was previously sampled? ~~same~~ none

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 15.15

Depth to water surface from TOC (ft.) 6.54

Length of water (ft.) 8.6

Volume of water (ft.) ~~1.5~~

(gal.) 1.5

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.5

PURGING

Time started 1017 — Finished 1100

Volume purged 6.5

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments Brownish Suspended Solids spaghetti like Appearance

Sample Collected: Start 1110

Finish 1120

IN-SITU TESTING

Time:	1017	1024	1040	1045	1050	1052	1100
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	~~1.50~~	~~3.0~~ 1.5	~~4.5~~ 3P	~~5.5~~ 4.5	~~6.0~~ 5.5	6.0	6.5
Turbidity	124	>200	185	121	38	25	15.5
Odor							
pH (units)	7.1	7.04	7.08	7.09	7.07	7.05	7.05
Conductivity (µmhos)	3334	16.40E	15.39E	1040	580	1284	1612
Water Temperature (°C)	15.5	15.5	15.5	15.5	15.5	15.5	16
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\013621 0020.

PROJECT NAME: Charleston Naval Base — JOB NO: 2908440 — DATE: 3-24-95

WELL NO.: NBCH 013002 — LOCATION: Zone H

WEATHER CONDITIONS: Sunny - windy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: Barry Lester, Mike Bashor, Greg Fox, Kevin Davis

PURGING DEVICE

Type device? Parastaltic pump

How was the device decontaminated? —

How was the line decontaminated? Soap/DI/isoprop/DI

Which well was previously purged? NBCH 013002

SAMPLING DEVICE

Type device? Same

How was the device decontaminated? Same

How was the line decontaminated? Same

Which well was previously sampled? Same

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 15.9

Depth to water surface from TOC (ft.) 4.99

Length of water (ft.) 10.91

Volume of water (ft.)

(gal.) 1.85

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.56

PURGING

Time started 1145 — Finished 1207

Volume purged 5.55

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1210

Finish 1215

IN-SITU TESTING

Time:	1145	1152	1200	1207			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.85	3.7	5.55			
Turbidity	63	3.8	3.5	1.5			
Odor							
pH (units)	7.1	7.07	7.13	7.11			
Conductivity (µmho)	1570	1850	2440	2750			
Water Temperature (°C)	16.7	16.7	16.7	16.7			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: Charleston Naval Base JOB NO: 2908440 DATE: 3-27-95

WELL NO.: NBCH 013003 LOCATION: _____

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: Kevin Davis, Greg Force

PURGING DEVICE

Type device? peristaltic pump

How was the device decontaminated? –

How was the line decontaminated? Soap/DI/isoprop./DI

Which well was previously purged? NBCH 013007

SAMPLING DEVICE

Type device? Same

How was the device decontaminated? Same

How was the line decontaminated? Same

Which well was previously sampled? Same

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) _____

Depth to bottom of well from TOC (ft.) 15.3

Depth to water surface from TOC (ft.) 6.05

Length of water (ft.) 9.25

Volume of water (ft.) _____

(gal.) 1.57

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.72

PURGING

Time started 1014 Finished 1041

Volume purged 4.72

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1043

Finish 1048

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1014	1021	1030	1041			
Well Volume Purged (gal.)	0	1.5	3.0	4.72			
Turbidity	45	15.5	9.12	3.5			
Odor							
pH (units)	7.6	8.44	7.16	7.29			
Conductivity (µmho)	11,110	1090	201	381			
Water Temperature (°C)	15.8	16	16.5	16.6			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\0136W00402

PROJECT NAME: NAVAL BASE Charleston — JOB NO: 2908-08440 — DATE: 3/27/95

WELL NO.: NBCH - 013 - 004 — LOCATION: Zone H

WEATHER CONDITIONS: Cloudy, windy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: Mike BASHA / Barry Lester

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? N/A

How was the line decontaminated? per CSAP

Which well was previously purged? First well purged

SAMPLING DEVICE

Type device? Tygon Tubing

How was the device decontaminated? N/A

How was the line decontaminated? Per CSAP

Which well was previously sampled? First Well sampled

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 19.25

Depth to water surface from TOC (ft.) 7.44

Length of water (ft.) 11.81

Volume of water (ft.) —

(gal.) 2.0

Amount of sediment at bottom of well (ft.) 0

3 Volumes of water (gal.) 6.0

PURGING

Time started 1104 Finished 1135

Volume purged 6 gallons

Comments on Well Recovery Fast

Depth to water (ft.) 7.44

Completion

Additional Comments

Sample Collected: Start 1137

Finish 1146

IN-SITU TESTING

Time:	1104	1113	1123	1135			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	2.0	4.0	6.0			
Turbidity	8.72	14.1	15.9	15.8			
Odor							
pH (units)	7.9	7.6	7.5	7.6			
Conductivity (µmho) m mhos	600	800	900	300			
Water Temperature (°C)	18	17	18	19			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\013GW005 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 3/27/95

WELL NO.: NBCH\013-005 — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy Windy — AMBIENT TEMP: 70°

REVIEWED BY: GF — PERSONNEL: GF, KO

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 16.10

Depth to water surface from TOC (ft.) 8.11

Length of water (ft.) 7.99

Volume of water (ft.)

(gal.) 1.36

Amount of sediment at bottom of well (ft.) 0

3 Volumes of water (gal.) 4.08

PURGING

Time started 1133 Finished 1157

Volume purged 4.5

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) 8.11

Completion

Additional Comments

Sample Collected: Start 1209

Finish 1210

IN-SITU TESTING

Time:	1133	1142	1149	1157			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.5	3.0	4.5			
Turbidity	29.5	22.5	4.5	2.5			
Odor							
pH (units)	7.16	7.15	7.19	7.28			
Conductivity (µmho)	9350	1448	9950	3840			
Water Temperature (°C)	17	17.1	17.1	17.2			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\0136W006

PROJECT NAME: Naval Base Charleston — JOB NO: 2908-08440 — DATE: 3/27/95

WELL NO.: NBCH - 013 - 006 — LOCATION: Zone H

WEATHER CONDITIONS: Cloudy, windy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: Mike Basha / Barry Lester

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? NA

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH-013-004

SAMPLING DEVICE

Type device? Tygon Tubing

How was the device decontaminated? NA

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH-013-004

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 0

Depth to bottom of well from TOC (ft.) 13.50'

Depth to water surface from TOC (ft.) 5.71

Length of water (ft.) 7.79'

Volume of water (ft.)

(gal.) 1.3

Amount of sediment at bottom of well (ft.) 0

3 Volumes of water (gal.) 3.9

PURGING

Time started 1226 — Finished 1251

Volume purged 3.9 gals

Comments on Well Recovery FAST

Depth to water (ft.) 5.71

Completion

Additional Comments

Sample Collected: Start 1252

Finish 1259

IN-SITU TESTING

Time:	1226	1233	1241	1251			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.3	2.6	3.9			
Turbidity	15.9	3.0	0.7	0.6			
Odor							
pH (units)	7.3	7.4	7.4	7.3			
Conductivity (µmho)	700	710	710	1200			
Water Temperature (°C)	19	18	18	19			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

NBCH013GW00702

Groundwater Sampling — Sample ID: ~~3-24-95~~

PROJECT NAME: Charleston Naval Base — JOB NO: 2908440 — DATE: 3-24-95

WELL NO.: NBCH 013007 — LOCATION: Zone H

WEATHER CONDITIONS: Sunny + windy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: Berry Lester, Mike Basha, Greg Force, Kevin Day

PURGING DEVICE

Type device? peristaltic pump

How was the device decontaminated? –

How was the line decontaminated? soap/DI/isoprop/DI

Which well was previously purged? NBCH 013002

SAMPLING DEVICE

Type device? SAME

How was the device decontaminated? SAME

How was the line decontaminated? SAME

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 12.42

Depth to water surface from TOC (ft.) 4.8

Length of water (ft.) 7.62

Volume of water (ft.)

(gal.) 1.3

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 3.88

PURGING

Time started 1402 — Finished 1419

Volume purged 3.9

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1421

Finish 1500

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1402	1407	1413	1419			
Well Volume Purged (gal.)	0	1.3	2.6	3.9			
Turbidity	22	4.2	1.7	.53			
Odor							
pH (units)	7.15	7.15	7.17	7.12			
Conductivity (µmho)	1160	921	858	882			
Water Temperature (°C)	17.5	16	16.5	16.7			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\0136131321 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 3/27/95

WELL NO.: NBCH\0136131B — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy Windy — AMBIENT TEMP: 70°

REVIEWED BY: GF — PERSONNEL: GF, KD

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 20

Depth to water surface from TOC (ft.) 4.97

Length of water (ft.) 15.03

Volume of water (ft.)

(gal.) 2.55

Amount of sediment at bottom of well (ft.) 0

3 Volumes of water (gal.) 7.65

PURGING

Time started 1348 — Finished 1426

Volume purged 7.65

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) 4.97

Completion

Additional Comments

Sample Collected: Start 1430

Finish 1445

IN-SITU TESTING

Time:	1348	1400	1413	1426			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	2.55	5.10	7.65			
Turbidity	20	6.0	1.0	.50			
Odor							
pH (units)	7.25	7.24	7.19	7.20			
Conductivity (µmho)	12,000	16,720	9,410	15,759			
Water Temperature (°C)	17	16.9	16.9	16.5			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: NAVAL BASE CHARLESTON JOB NO: 2908-08440 DATE: 3/27/95

WELL NO.: NBCH\013G131322 (per TT) LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy, Windy AMBIENT TEMP: 70°

REVIEWED BY: _____ PERSONNEL: Mike BASHA / BARRY LESTER

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? NA

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH-013-006

SAMPLING DEVICE

Type device? Tygon Tubing

How was the device decontaminated? NA

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH-013-006

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 0

Depth to bottom of well from TOC (ft.) 16.95

Depth to water surface from TOC (ft.) 4.81

Length of water (ft.) 12.14

Volume of water (ft.) _____

(gal.) 2.1

Amount of sediment at bottom of well (ft.) 0

3 Volumes of water (gal.) 6.3

PURGING

Time started 1425 Finished 1454

Volume purged 6.3 gals

Comments on Well Recovery FAST

Depth to water (ft.) 4.81

Completion _____

Additional Comments _____

Sample Collected: Start 1500

Finish 1507

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1425	1435	1446	1454			
Well Volume Purged (gal.)	0	2.1	4.2	6.3			
Turbidity	20	19.8	11.7	6.0			
Odor							
pH (units)	7.11	7.6	7.6	7.6			
Conductivity (µmho)	1600	1450	1780	1800			
Water Temperature (°C)	17	17	17.5	17			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/5/95

WELL NO.: NBCH\ 014-001 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny, windy — AMBIENT TEMP: 65°

REVIEWED BY: — PERSONNEL: MB, BC

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-GDH-008

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 14.62

Depth to water surface from TOC (ft.) 6.97

Length of water (ft.) 7.65

Volume of water (ft.)

(gal.) 1.3

Amount of sediment at bottom of well (ft.) 1.4

3 Volumes of water (gal.) 3.9

PURGING

Time started 1014 Finished 1243

Volume purged 7 gals

Comments on Well Recovery FAST/(MODERATE)/SLOW

Depth to water (ft.) 6.97

Completion

Additional Comments

Sample Collected: Start 1251

Finish 1254

IN-SITU TESTING

Time:	1014	1021	1031	1040	1053	1243	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.3	2.6	3.9	5	7	
Turbidity	979	>999	>999	478	274	231	
Odor							
pH (units)	7.1	6.9	6.8	6.9	7.0	6.9	
Conductivity (µmho)	5000	4500	4700	4850	4800	4600	
Water Temperature (°C)	20	20	20	20	20	21	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/15/95

WELL NO.: NBCH\014-01D — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny windy — AMBIENT TEMP: 65°

REVIEWED BY: — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-014-001

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 49.60

Depth to water surface from TOC (ft.) 7.33

Length of water (ft.) 42.27

Volume of water (ft.)

(gal.) 7.2

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 21.6

PURGING

Time started 1009 Finished 1150

Volume purged 22 gals

Comments on Well Recovery FAST MODERATE SLOW

Depth to water (ft.) 7.33

Completion

Additional Comments

Sample Collected: Start 1157

Finish 1202

IN-SITU TESTING

Time:	1009	1049	1120	1150			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	9	15	22			
Turbidity	3.51	3.59	3.07	1.31			
Odor							
pH (units)	7.6	6.7	6.8	6.7			
Conductivity (µmhos)	9500	29000	32500	31000			
Water Temperature (°C)	21	20	20	19			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: NBCH\014GW00 40

PROJECT NAME: Naval Base Charleston JOB NO: 2408-08440 DATE: 5-16-95

WELL NO.: NBCH\014-001 LOCATION: SWMU-14 Zone H

WEATHER CONDITIONS: Sunny - ptly cloudy - Hot AMBIENT TEMP: 90°

REVIEWED BY: PERSONNEL:

PURGING DEVICE

Type device? peristaltic pump

How was the device decontaminated? N/A

How was the line decontaminated? per CSAP

Which well was previously purged? NBCI\BDI 012

SAMPLING DEVICE

Type device? ptfe tubing

How was the device decontaminated? per CSAP

How was the line decontaminated? per CSAP

Which well was previously sampled? NBCI-BDI 012

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) ≈3'

Depth to bottom of well from TOC (ft.) 15.38

Depth to water surface from TOC (ft.) 7.72

Length of water (ft.) 7.66

Volume of water (ft.)

(gal.) 1.26

Amount of sediment at bottom of well (ft.) ≈1'

3 Volumes of water (gal.) 3.78

PURGING

Time started 0930 Finished

Volume purged

Comments on Well Recovery Slow - H_2O stained black

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start

Finish

IN-SITU TESTING

Time:	0940	0945	0957	1007	1015	1023	1031
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	.5	1	2	2.5	3.0	3.5	4.0
Turbidity	872	566	502	485	485	519	660
Odor							
pH (units)	5.79	6.00	6.04	6.03	6.05	6.03	6.11
Conductivity (μmho)	11.4	11.2	10.9	10.7	10.1	10.1	10.1
Water Temperature (°C)	22.0	22.0	21.8	22.0	22.1	22.2	22.6
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: Cont. from prev. page JOB NO: _____ DATE: _____

WELL NO.: _____ LOCATION: _____

WEATHER CONDITIONS: _____ AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? _____

How was the device decontaminated? _____

How was the line decontaminated? _____

Which well was previously purged? _____

SAMPLING DEVICE

Type device? _____

How was the device decontaminated? _____

How was the line decontaminated? _____

Which well was previously sampled? _____

INITIAL WELL VOLUME

Well diameter (in.) _____

Stickup (ft.) _____

Depth to bottom of well from TOC (ft.) _____

Depth to water surface from TOC (ft.) _____

Length of water (ft.) _____

Volume of water (ft.) _____

(gal.) _____

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) _____

PURGING

Time started _____ Finished _____

Volume purged _____

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start _____

Finish _____

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1110	1143	1257				
Well Volume Purged (gal.)	6	8	11				
Turbidity	179	65	88				
Odor							
pH (units)	6.11	6.14	6.19				
Conductivity (µmho)	9.6	8.70	8.20				
Water Temperature (°C)	22.6	22.9	23.2				
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: _____

PROJECT NAME: NAVY BASE Charleston — JOB NO: _____ — DATE: 4-5-95

WELL NO.: 014/002 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny, Mild — AMBIENT TEMP: 75°

REVIEWED BY: _____ — PERSONNEL: _____

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? SOAP/DI/Isopropyl/DI

How was the line decontaminated? SOAPC

Which well was previously purged? 667-002

SAMPLING DEVICE

Type device? Same

How was the device decontaminated? Same

How was the line decontaminated? Same

Which well was previously sampled? Same

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 2'

Depth to bottom of well from TOC (ft.) 160

Depth to water surface from TOC (ft.) 8.27

Length of water (ft.) 7.73

Volume of water (ft.) 7.73

(gal.) 1.31

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 3.99

PURGING

Time started 1047 — Finished 1121

Volume purged 6.65

Comments on Well Recovery Good

Depth to water (ft.) _____

Completion _____

Additional Comments Less amounts of Sediment

Sample Collected: Start 1125

Finish 1130

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1047	1052	1055	1102	1105	1121	
Well Volume Purged (gal.)	0	1.35	2.70	4.0	5.35	6.65	
Turbidity	720000	→	→	→	153	79.1	
Odor							
pH (units)	6.78	7.21	7.18	7.04	7.02	7.02	
Conductivity (µmho)	5410	5060	3660	3730	3620	3430	
Water Temperature (°C)	68.4	68.2	67.3	68.5	69.1	69.1	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\017GW001

PROJECT NAME: NAVAL BASE Charleston — JOB NO: 2908-08440 — DATE: 3/29/95

WELL NO.: NBCH - 017 - 001 — LOCATION: Zone H

WEATHER CONDITIONS: Sunny, Windy — AMBIENT TEMP: 65°

REVIEWED BY: — PERSONNEL: MB/BL

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? NA

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH - GDH - 06D

SAMPLING DEVICE

Type device? Tygon Tubing

How was the device decontaminated? NA

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH - GDH - 06D

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 0

Depth to bottom of well from TOC (ft.) 12.55

Depth to water surface from TOC (ft.) 5.80

Length of water (ft.) 6.75

Volume of water (ft.)

(gal.) 1.2

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 3.6

PURGING

Time started 0957 — Finished 1029

Volume purged 3.6 gals

Comments on Well Recovery

Depth to water (ft.) 5.80

Completion

Additional Comments

Sample Collected: Start 1036

Finish 1042

IN-SITU TESTING

Time:	0957	1008	1018	1029			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.2	2.4	3.6			
Turbidity	0.69	1.10	2.16	1.25			
Odor							
pH (units)	6.7	7.0	7.2	7.2			
Conductivity (µmhos)	800	850	875	900			
Water Temperature (°C)	18	17	18	17			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 017GW002 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 3/29/95

WELL NO.: NBCH\017-002 — LOCATION: ZONE H

WEATHER CONDITIONS: Partly Cloudy — AMBIENT TEMP: ~78°

REVIEWED BY: — PERSONNEL:

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 12.5

Depth to water surface from TOC (ft.) 4.24

Length of water (ft.) 8.26

Volume of water (ft.)

(gal.) 1.4

Amount of sediment at bottom of well (ft.) 0

3 Volumes of water (gal.) 4.2

PURGING

Time started 1000 Finished 1121

Volume purged 4.2 gallons

Comments on Well Recovery ~~FAST~~/MODERATE/SLOW

Depth to water (ft.) 4.24

Completion

Additional Comments

Sample Collected: Start 1130

Finish 1145

IN-SITU TESTING

Time:	1000	1020	1054	1121			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.4	2.8	4.2			
Turbidity	4.3	1.09	.07	0.34			
Odor							
pH (units)	7.14	7.18	7.26	7.18			
Conductivity (µmho)	1610	2180	2310	2340			
Water Temperature (°C/°F)	69.9	69.6	71.1	71.1			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: NBCH017GW0030

PROJECT NAME: NAVAL BASE Charleston JOB NO: 2908-08440 DATE: 3/29/95

WELL NO.: NBCH - 017 - 003 LOCATION: Zone H

WEATHER CONDITIONS: Sunny, windy AMBIENT TEMP: 70°

REVIEWED BY: PERSONNEL: MB/BC

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? NA

How was the line decontaminated? per CSAP

Which well was previously purged? NBCH-017-001

SAMPLING DEVICE

Type device? Tygon Tubing

How was the device decontaminated? NA

How was the line decontaminated? per CSAP

Which well was previously sampled? NBCH-017-001

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 0

Depth to bottom of well from TOC (ft.) 13.41

Depth to water surface from TOC (ft.) 4.01

Length of water (ft.) 9.40

Volume of water (ft.)

(gal.) 1.6

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.8

PURGING

Time started 1337 Finished 1407

Volume purged 4.8 gals

Comments on Well Recovery

Depth to water (ft.) 4.01

Completion

Additional Comments

Sample Collected: Start 1422

Finish 1429

IN-SITU TESTING

Time:	1337	1344	1354	1407			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.6	3.2	4.8			
Turbidity	22.3	6.82	1.09	1.19			
Odor							
pH (units)	7.5	7.7	7.6	7.5			
Conductivity (µmho)	1000	1050	1200	1250			
Water Temperature (°C)	18	18	18	19			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\017GW004(02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 3 / 29 / 95

WELL NO.: NBCH\017-004 — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy — AMBIENT TEMP: 70°

REVIEWED BY: GF — PERSONNEL: GF, KD

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 12.5

Depth to water surface from TOC (ft.) 4.57

Length of water (ft.) 7.93

Volume of water (ft.)

(gal.) 1.35

Amount of sediment at bottom of well (ft.) 0

3 Volumes of water (gal.) 4.05

PURGING

Time started 1357 — Finished 1421

Volume purged 4.05

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) 4.57

Completion

Additional Comments

Sample Collected: Start 1425

Finish 1433

IN-SITU TESTING

Time:	1357	1405	1413	1421			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.35	2.70	4.05			
Turbidity	52.0	31.4	31.0	3.5			
Odor							
pH (units)	7.08	7.05	7.05	7.07			
Conductivity (µmho)	2780	2590	2080	1790			
Water Temperature (°C) °F	73.3	71.2	70.8	71.3			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH1617GW005

PROJECT NAME: Naval Base Charleston — JOB NO: 2908-08440 — DATE: 4-18-95

WELL NO.: NBCH-017-05 — LOCATION: SWMU 17

WEATHER CONDITIONS: Sunny, clear, 80° — AMBIENT TEMP: 80°

REVIEWED BY: — PERSONNEL: T. Temple P. Bayley

PURGING DEVICE

Type device? Perastaltic Pump

How was the device decontaminated? workplan

How was the line decontaminated? workplan

Which well was previously purged? N/A

SAMPLING DEVICE

Type device? Perastaltic Pump

How was the device decontaminated? Work plan

How was the line decontaminated? workplan

Which well was previously sampled? N/A

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 12.44

Depth to water surface from TOC (ft.) 4.42

Length of water (ft.) 8.02

Volume of water (ft.)

(gal.) 1.36

Amount of sediment at bottom of well (ft.) None

3 Volumes of water (gal.) 4.08

PURGING

Time started 1130 Finished 1215

Volume purged 4.5 gal

Comments on Well Recovery Good

Depth to water (ft.) 4.42

Completion

Additional Comments

Sample Collected: Start 1218

Finish 1230

IN-SITU TESTING

Time:	1135	1139	1143	1146	1150	1153	1215
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	.75	1.5	2.5	3	3.5	4	4.5
~~Turbidity~~ PH	7.05	7.07	7.08	7.07	7.04	7.04	7.07
Odor	None	None	None	None	None	None	None
~~pH (units)~~ conductivity	6.90	7.02	7.02	7.07	7.14	7.14	7.22
~~Conductivity [illegible] mS/cm~~ Turbity	24	26	31	26	24	19	12
Water Temperature (°C)	23.1	23.1	23.7	22.5	22.3	22.3	23.5
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\017GWCC601

PROJECT NAME: Naval Base Charleston — JOB NO: 2908-08440 — DATE: 4-18-95

WELL NO.: NBCH-017-06 — LOCATION: SWMU 17

WEATHER CONDITIONS: Sunny, clear — AMBIENT TEMP: 80°

REVIEWED BY: — PERSONNEL: T. Temple P. Bayley

PURGING DEVICE

Type device? Perastaltic Pump

How was the device decontaminated? Workplan

How was the line decontaminated? workplan

Which well was previously purged? NBCH\017GW00501

SAMPLING DEVICE

Type device? Perastaltic Pump

How was the device decontaminated? Work plan

How was the line decontaminated? workplan

Which well was previously sampled? NBCH\017GW00501

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 12.02

Depth to water surface from TOC (ft.) 4.48

Length of water (ft.) 7.54

Volume of water (ft.)

(gal.) 1.3

Amount of sediment at bottom of well (ft.) None

3 Volumes of water (gal.) 3.9

PURGING

Time started 1510 Finished 1527

Volume purged ~~+5~~ TBT 4 gal

Comments on Well Recovery good

Depth to water (ft.) 4.48

Completion

Additional Comments

Sample Collected: Start 1530

Finish 1550

IN-SITU TESTING

Time:	1513	1516	1521	1523	1527		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	.75	1.5	2.5	3.0	4.0		
Turbidity	-10	-10	4	45*	*42		
Odor	H_2S	H_2S	H_2S	H_2S	H_2S		
pH (units)	6.19	6.31	6.31	6.28	6.30		
Conductivity ~~[illegible]~~ ms/cm	5.95	6.0	6.24	6.30	6.39		
Water Temperature (°C)	24.8	22.7	22.8	24.0	22.6		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

* Meter irratic / No visible turbidity

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\ (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/26/95

WELL NO.: NBCH\ 178-001 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 75

REVIEWED BY: — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-009-008

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 14.35

Depth to water surface from TOC (ft.) Product 7.43 → 7.61

Length of water (ft.)

Volume of water (ft.)

(gal.) 1.2

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 3.6

PURGING

Time started 0903 — Finished 0923

Volume purged 3.6

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start

Finish

IN-SITU TESTING

Time:	0903	0910	0914	0923			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.2	2.4	3.6			
Turbidity		7.7	16.7	7.1			
Odor							
pH (units)		7.6	7.4	7.3			
Conductivity (µmho)		4000	3100	3500			
Water Temperature (°C)		20	20	20			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 178 60 002 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 - — DATE: 3/30/95

WELL NO.: NBCH \ 178 - 002 — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy — AMBIENT TEMP: 65°

REVIEWED BY: — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH - D17 - 003

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 0'

Depth to bottom of well from TOC (ft.) 11.85

Depth to water surface from TOC (ft.) 3.74

Length of water (ft.) 8.11

Volume of water (ft.)

(gal.) 1.4

Amount of sediment at bottom of well (ft.) —

3 Volumes of water (gal.) 4.2

PURGING

Time started 1028 Finished 1045

Volume purged 4.2 gals

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) 3.74

Completion —

Additional Comments —

Sample Collected: Start 1047

Finish 1052

IN-SITU TESTING

Time:	1028	1033	1038	1045			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.4	2.8	4.2			
Turbidity	1.41	0.82	0.93	1.39			
Odor							
pH (units)	8.0	7.8	7.8	7.9			
Conductivity (µmho)	850	875	875	900			
Water Temperature (°C)	19	19	20	20			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\ 136GW001 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 3 / 30 / 95

WELL NO.: NBCH\ 136 - 001 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 75°

REVIEWED BY: — PERSONNEL: MB BC

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH - 178 - 002

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 0'

Depth to bottom of well from TOC (ft.) 11.84

Depth to water surface from TOC (ft.) 4.35

Length of water (ft.) 7.49

Volume of water (ft.)

(gal.) 1.3

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 3.9

PURGING

Time started 1311 — Finished 1339

Volume purged 3.9 gals

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 4.35

Completion –

Additional Comments –

Sample Collected: Start 1345

Finish 1349

IN-SITU TESTING

Time:	1311	1326	1331	1339			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.3	2.6	3.9			
Turbidity	1.28	1.89	.52	.31			
Odor							
pH (units)	7.4	7.6	7.6	7.5			
Conductivity (µmhos)	7000	4000	4500	4100			
Water Temperature (°C)	21°	20°	19.5°	20°			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: _____

PROJECT NAME: NAVY BASE CHARLESTON — JOB NO: 2908440 — DATE: _____

WELL NO.: NBCH-653-001 — LOCATION: ZONE H

WEATHER CONDITIONS: SUNNY, WINDY — AMBIENT TEMP: 75°

REVIEWED BY: _____ — PERSONNEL: Kevin Davis, Freg Force

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? N/A

How was the line decontaminated? SOAP/DI/ISOPROPAL/DI

Which well was previously purged? NBCH-014-0020

SAMPLING DEVICE

Type device? SAME

How was the device decontaminated? SAME

How was the line decontaminated? SAME

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 0

Depth to bottom of well from TOC (ft.) 12.51

Depth to water surface from TOC (ft.) 2.51

Length of water (ft.) 10.0

Volume of water (ft.) 10.0

(gal.) 1.70

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.10

PURGING

Time started 1432 — Finished 1510

Volume purged 5.10

Comments on Well Recovery Good

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1515

Finish 1523

IN-SITU TESTING

Time:	1432	1441	1457	1510			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	9.70	3.40	5.10			
Turbidity	5.25	6.50	.75	2.3			
Odor							
pH (units)	6.92	6.91	6.93	6.96			
Conductivity (µmho)	1690	1370	2780	2710			
Water Temperature (°C)	72.4	68.0	68.5	68.3			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: NAVY BASE CHARLESTON JOB NO: 2908440 DATE: 4-5-95
WELL NO.: NBCH 653-002 LOCATION: ZONE H
WEATHER CONDITIONS: SUNNY, WINDY AMBIENT TEMP: 75°
REVIEWED BY: _____ PERSONNEL: GRESFORCE, KEVIN DAVIS

PURGING DEVICE
Type device? PERISTALTIC PUMP
How was the device decontaminated? N/A
How was the line decontaminated? SOAP/DI/ISOPROPANOL/DI
Which well was previously purged? NBCH-653-001

SAMPLING DEVICE
Type device? SAME
How was the device decontaminated? SAME
How was the line decontaminated? SAME
Which well was previously sampled? SAME

INITIAL WELL VOLUME
Well diameter (in.) 2"
Stickup (ft.) 0
Depth to bottom of well from TOC (ft.) 12.20
Depth to water surface from TOC (ft.) 2.92
Length of water (ft.) 9.28
Volume of water (ft.) 9.28
(gal.) 1.57
Amount of sediment at bottom of well (ft.) _____
3 Volumes of water (gal.) 4.73

PURGING
Time started 1436 Finished 1514
Volume purged 4.80
Comments on Well Recovery FAST
Depth to water (ft.) _____
Completion _____
Additional Comments _____
Sample Collected: Start 1520
Finish 1524

IN-SITU TESTING

Time:	1436	1447	1455	1514			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.60	3.20	4.80			
Turbidity	4.25	3.20	4.10	5.48			
Odor							
pH (units)	7.13	7.12	7.27	7.15			
Conductivity (µmho)	1560	1859	2623	2730			
Water Temperature (°C)	71.1	69.2	70.6	70.6			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: _____ (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/3/95

WELL NO.: NBCH\ 655001-02 — LOCATION: ZONE H

WEATHER CONDITIONS: _____ — AMBIENT TEMP: _____

REVIEWED BY: _____ — PERSONNEL: KD, GF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? 653-002

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 13.30

Depth to water surface from TOC (ft.) 2.72

Length of water (ft.) 10.56

Volume of water (ft.) 10.56

(gal.) 1.79

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.34

PURGING

Time started 0930 Finished 1134

Volume purged 5.40

Comments on Well Recovery (FAST/MODERATE/SLOW)

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1135

Finish 1200

IN-SITU TESTING

Time:	0930	0940	1115	1134			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.80	3.60	5.40			
Turbidity	66.0	32.8	30.0	12.0			
Odor							
pH (units)	7.15	7.33	6.85	6.74			
Conductivity (µmho)	18350	19530	20000	22000			
Water Temperature (°C)	66.8	66.7	70.7	71.6			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 3 / 95

WELL NO.: NBCH 655-002-02 — LOCATION: ZONE H

WEATHER CONDITIONS: — AMBIENT TEMP:

REVIEWED BY: — PERSONNEL: KO GF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? 655-001-02

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 13.0

Depth to water surface from TOC (ft.) 2.36

Length of water (ft.) 10.64

Volume of water (ft.) 10.64

(gal.) 1.80

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.42

PURGING

Time started 1344 Finished 1433

Volume purged 5.40

Comments on Well Recovery ~~FAST~~/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1440

Finish 1453

IN-SITU TESTING

Time:	1344	1400	1422	1433			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.80	3.60	5.40			
Turbidity	64.0	75.4	26.2	9.3			
Odor							
pH (units)	6.80	6.86	6.77	6.87			
Conductivity (µmho)	>20k	>20k	18.90	15.30			
Water Temperature (°C)	70.5	71.6	72.3	72.9			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\ (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 3 / 95

WELL NO.: NBCH\ 655-003-02 — LOCATION: ZONE H

WEATHER CONDITIONS: _____ — AMBIENT TEMP: _____

REVIEWED BY: _____ — PERSONNEL: KD GF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? 655-003-02

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 12.5

Depth to water surface from TOC (ft.) 2.32

Length of water (ft.) 10.18

Volume of water (ft.) 10.18

(gal.) 1.73

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 5.19

PURGING

Time started 1322 — Finished 1351

Volume purged 5.25

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1355

Finish 1405

IN-SITU TESTING

Time:	1322	1330	1340	1351			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.75	3.50	5.25			
Turbidity	23.0	18.2	14.8	7.4			
Odor							
pH (units)	6.87	6.81	6.84	6.86			
Conductivity (µmho)	8300	8340	8560	8570			
Water Temperature (°C)	73.2	74.8	72.8	72.4			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH 656GW001 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 3 / 95

WELL NO.: NBCH \ 656 - 001 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny 70° — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-GDH-07D

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.43

Depth to water surface from TOC (ft.) 4.25

Length of water (ft.) 11.18

Volume of water (ft.)

(gal.) 1.9

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.7

PURGING

Time started 1032 Finished 1054

Volume purged 5.7 gals

Comments on Well Recovery (FAST/MODERATE/SLOW)

Depth to water (ft.) 4.25

Completion -

Additional Comments -

Sample Collected: Start 1101

Finish 1108

IN-SITU TESTING

Time:	1032	1036	1046	1054			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.9	3.8	5.7			
Turbidity	9.92	2.97	6.87	6.59			
Odor							
pH (units)	7.3	7.2	7.1	7.1			
Conductivity (µmho)	2250	2020	2490	2400			
Water Temperature (°C)	18.5°	18°	17.5	18°			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 6/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\ 656G002 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 3 / 95

WELL NO.: NBCH\ 656 - 002 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH - 656 - 001

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.33

Depth to water surface from TOC (ft.) 4.60

Length of water (ft.) 10.73

Volume of water (ft.)

(gal.) 1.8

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.4

PURGING

Time started 1139 — Finished 1206

Volume purged 5.4

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) 4.60

Completion —

Additional Comments —

Sample Collected: Start 1217

Finish 1219

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1139	1148	1156	1206			
Well Volume Purged (gal.)	0	1.8	3.6	5.6			
Turbidity	16.1	11.1	4.55	1.68			
Odor							
pH (units)	7.6	7.3	7.2	7.2			
Conductivity (µmho)	2300	2700	2630	2770			
Water Temperature (°C)	19	18	18	18			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\ 656G0003 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/3/95

WELL NO.: NBCH\ 656 - 003 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: MB BC

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-656-002

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 17.10

Depth to water surface from TOC (ft.) 4.61

Length of water (ft.) 12.49

Volume of water (ft.)

(gal.) 2.2

Amount of sediment at bottom of well (ft.) —

3 Volumes of water (gal.) 6.6

PURGING

Time started 1354 Finished 1437

Volume purged 6.6

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 4.61

Completion —

Additional Comments —

Sample Collected: Start 1445

Finish 1448

IN-SITU TESTING

Time:	1354	1401	1419	1437			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	2.2	4.4	6.6			
Turbidity	.62	7.04	4.17	4.68			
Odor							
pH (units)	6.6	6.8	6.7	6.6			
Conductivity (µmho)	25000	25800	28000	28200			
Water Temperature (°C)	20	20	19	19			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: Navy Base Charleston JOB NO: 290440 DATE: 3-30-95

WELL NO.: NBCH-660-pob-02 LOCATION: Zone H

WEATHER CONDITIONS: Cloudy, warm AMBIENT TEMP: 75°

REVIEWED BY: _____ PERSONNEL: Kevin Dams, Greg Force

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? N/A

How was the line decontaminated? Soap / DI / Isopropol / DI

Which well was previously purged? NBCH0170040 2

SAMPLING DEVICE

Type device? Same

How was the device decontaminated? Same

How was the line decontaminated? Same

Which well was previously sampled? Same

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 0

Depth to bottom of well from TOC (ft.) 12.5'

Depth to water surface from TOC (ft.) 5.30'

Length of water (ft.) 7.20'

Volume of water (ft.) 7.20'

(gal.) 1.22

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 3.67

PURGING

Time started 0937 Finished 0955

Volume purged 3.67

Comments on Well Recovery _____

Depth to water (ft.) 5.30

Completion _____

Additional Comments _____

Sample Collected: Start 1000

Finish 1005

IN-SITU TESTING

Time:	0937	0943	0950	0955			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.22	1.22	1.22			
Turbidity	6.20	5.16	2.80	2.80			
Odor	NO	NO	NO	NO			
pH (units)	7.82	7.42	7.45	7.39			
Conductivity (μmho)	784	739	762	891			
Water Temperature (°C)	68.0	68.3	68.4	68.8			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: Navy Base Charleston JOB NO: 2108440 DATE: 3-30-95
WELL NO.: NBCH660-002-02 LOCATION: Zone H
WEATHER CONDITIONS: cloudy, warm AMBIENT TEMP: 75.0
REVIEWED BY: _____ PERSONNEL: Greg Force, Kevin Davis

PURGING DEVICE
Type device? Peristaltic Pump
How was the device decontaminated? N/A
How was the line decontaminated? Soap/DI/Isopropanol/DI
Which well was previously purged? NBCH-660-001-02

SAMPLING DEVICE
Type device? Same
How was the device decontaminated? Same
How was the line decontaminated? Same
Which well was previously sampled? Same

INITIAL WELL VOLUME
Well diameter (in.) 2"
Stickup (ft.) 0
Depth to bottom of well from TOC (ft.) 12.5
Depth to water surface from TOC (ft.) 5.14
Length of water (ft.) 7.36
Volume of water (ft.) 7.36
(gal.) 1.25
Amount of sediment at bottom of well (ft.) _____
3 Volumes of water (gal.) 3.75

PURGING
Time started 1045 Finished 1101
Volume purged 3.75 g
Comments on Well Recovery _____
Depth to water (ft.) 5.14
Completion 5.14
Additional Comments _____
Sample Collected: Start 1100
Finish 1108

IN-SITU TESTING

Time:	1048	1051	1056	1101			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.25	2.50	3.75			
Turbidity	4.25	3.50	2.00	2.50			
Odor	NO	NO	NO	NO			
pH (units)	7.69	7.64	7.67	7.68			
Conductivity (µmho)	905	88	887	887			
Water Temperature (°C)	73.0	72.0	73.0	73.7			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: Naval Base Charleston JOB NO: 2908440 DATE: 3-31-95

WELL NO.: NBCH-662-001 LOCATION: Zone H

WEATHER CONDITIONS: overcast w/ light wind from North AMBIENT TEMP: 60°

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? peristaltic pump

How was the device decontaminated? N/A

How was the line decontaminated? Soap/DI/Isopropanol/DI

Which well was previously purged? NBCH-GDH-04D

SAMPLING DEVICE

Type device? Same

How was the device decontaminated? Same

How was the line decontaminated? Same

Which well was previously sampled? Same

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flush

Depth to bottom of well from TOC (ft.) 12.1

Depth to water surface from TOC (ft.) 4.11

Length of water (ft.) 7.99

Volume of water (ft.) 1.36 gal

(gal.) 1.36 gal

Amount of sediment at bottom of well (ft.) —

3 Volumes of water (gal.) 4.07

PURGING

Time started 1403 Finished 1432

Volume purged 4.10

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1435

Finish 1442

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1403	1411	1424	1432			
Well Volume Purged (gal.)	0	1.36	2.72	4.10			
Turbidity	1.25	2.5	0.43	0.32			
Odor	—						
pH (units)	7.33	7.37	7.36	7.35			
Conductivity (µmho)	1780	2000	3480	2990			
Water Temperature (°C)	66.6	67.1	66.5	65.7			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: Charleston Naval Base JOB NO: 2908440 DATE: 3-31-95

WELL NO.: NBCH-662-002-~~002~~ LOCATION: Zone H

WEATHER CONDITIONS: overcast w/ light wind from North AMBIENT TEMP: 60°

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? peristaltic pump

How was the device decontaminated? N/A

How was the line decontaminated? soap/DI/Isopropy/DI

Which well was previously purged? NBCH-GDH-004

SAMPLING DEVICE

Type device? Same

How was the device decontaminated? Same

How was the line decontaminated? Same

Which well was previously sampled? Same

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) flush

Depth to bottom of well from TOC (ft.) 12.5

Depth to water surface from TOC (ft.) 4.55

Length of water (ft.) 7.95

Volume of water (ft.) _____

(gal.) 1.35

Amount of sediment at bottom of well (ft.) —

3 Volumes of water (gal.) 4.05

PURGING

Time started 1407 Finished 1427

Volume purged 4.05

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1430

Finish 1437

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1407	1415	1422	1427			
Well Volume Purged (gal.)	0	1.35	2.7	4.05			
Turbidity	53.5	10	2	1.41			
Odor	—						
pH (units)	7.35	7.38	7.44	7.41			
Conductivity (µmhos)	437	541	893	1113			
Water Temperature (°C)	(F) 66.7	66.4	65.7	65.5			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.

Turbidity choices: clear, turbid, opaque

Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: NAVY BASE CHAS JOB NO: 2908440 DATE: 3-30-95

WELL NO.: NBCH-663-001 LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy, warm AMBIENT TEMP: _____

REVIEWED BY: _____ PERSONNEL: KEVIN DAVIS, GREEN FORCE

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? SOAP/DI/ISOPROPANOL/DI

Which well was previously purged? NBCH-660-002-02

SAMPLING DEVICE

Type device? SAME

How was the device decontaminated? SAME

How was the line decontaminated? SAME

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 14.18

Depth to water surface from TOC (ft.) 5.84

Length of water (ft.) 8.34

Volume of water (ft.) 8.34

(gal.) 1.41

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.23

PURGING

Time started 1500 Finished 1531

Volume purged 4.23

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1538

Finish 1545

IN-SITU TESTING

Time:	1512	1520	1528	1531			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.4	2.8	4.23			
Turbidity	11.15	4.25	2.5	2.5			
Odor	NO	NO	NO	NO			
pH (units)	6.95	7.15	7.25	7.20			
Conductivity (µmhos)	1100	1048	1229	1226			
Water Temperature (°C)	70.2	71.5	70.2	70.6			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque
Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: NAVAL BASE CHARLESTON JOB NO: 29084 40 DATE: 3-30-95
WELL NO.: NBCH-663-002-02 LOCATION: ZONE H
WEATHER CONDITIONS: Cloudy, WARM AMBIENT TEMP: 75°
REVIEWED BY: _____ PERSONNEL: KEVIN DAVIS, GREG FORCE

PURGING DEVICE
Type device? PERISTALTIC PUMP
How was the device decontaminated? N/A
How was the line decontaminated? SOAP/DI/ISOPROPANOL/DI
Which well was previously purged? NBCH-660-002-02

SAMPLING DEVICE
Type device? SAME
How was the device decontaminated? SAME
How was the line decontaminated? SAME
Which well was previously sampled? SAME

INITIAL WELL VOLUME
Well diameter (in.) 2"
Stickup (ft.) 0
Depth to bottom of well from TOC (ft.) 11.40
Depth to water surface from TOC (ft.) 2.74'
Length of water (ft.) 8.66
Volume of water (ft.) 8.66
(gal.) 1.47
Amount of sediment at bottom of well (ft.) _____
3 Volumes of water (gal.) 4.41

PURGING
Time started 1312 Finished 1419
Volume purged 7.50 g
Comments on Well Recovery Slow Recharge
Depth to water (ft.) _____
Completion _____
Additional Comments _____
Sample Collected: Start 1425
Finish 1435

IN-SITU TESTING

Time:	1312	1317	1325	1335	1355	1409	1419
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.47	3.00	4.41	5.41	7.00	7.50
Turbidity	2.5	12.0	22.0	84.2	51.0	40.0	30.0
Odor	NO	NO	NO	NO	NO	NO	NO
pH (units)	7.57	7.60	7.56	7.41	7.49	7.50	7.51
Conductivity (µmho)	120	452	560	708	811	727	739
Water Temperature (°C)	79.0	80.5	78.3	77.9	76.3	77.8	77.8
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: NAVY BASE CHARLESTON JOB NO: 2908440 DATE: 4-[redacted]-95

WELL NO.: NBCH-6[redacted]-001-02 LOCATION: ZONE H

WEATHER CONDITIONS: SUNNY, MILD AMBIENT TEMP: 70°

REVIEWED BY: _____ PERSONNEL: KEVIN DAVIS, AFES FORCE

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? SOAP, DI, ISOPROPYL, DI

Which well was previously purged? NBCH66[redacted]-002

SAMPLING DEVICE

Type device? SAME

How was the device decontaminated? SAME

How was the line decontaminated? SAME

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.90

Depth to water surface from TOC (ft.) 8.68

Length of water (ft.) 7.22

Volume of water (ft.) 7.22

(gal.) 1.[illegible]

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 3.[illegible]8

PURGING

Time started 0930 Finished 1015

Volume purged _____

Comments on Well Recovery [redacted]

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1020

Finish 1028

IN-SITU TESTING

Time:	0959	0959	1007	1015			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.25	2.5	3.75			
Turbidity	38.0	.65	.46	.69			
Odor	0	0	0	0			
pH (units)	7.17	7.20	7.25	7.27			
Conductivity (µmho)	14070	9960	8810	8810			
Water Temperature (°C)	67.7	67.9	67.5	67.2			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: NAVY BASE Ch. JOB NO: _____ DATE: 7-4-95

WELL NO.: 666 002 LOCATION: ZONE H

WEATHER CONDITIONS: SUNNY, MILD AMBIENT TEMP: 75°

REVIEWED BY: _____ PERSONNEL: Kent Davis, Lane Forest

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? SOAP/DI/ISOPROPANOL/DI

Which well was previously purged? 666001

SAMPLING DEVICE

Type device? SAME

How was the device decontaminated? SAME

How was the line decontaminated? SAME

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3.0'

Depth to bottom of well from TOC (ft.) 14.5

Depth to water surface from TOC (ft.) 8.55

Length of water (ft.) 5.95

Volume of water (ft.) 1.01

(gal.) 3.03

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 3.03

PURGING

Time started 0957 Finished 1011

Volume purged 3.15

Comments on Well Recovery Good

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1014

Finish 1025

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	0957	1003	1006	1011			
Well Volume Purged (gal.)	0	1.05	2.1	3.15			
Turbidity	17.0	8.6	.09	.8			
Odor							
pH (units)	7.65	7.48	7.51	7.57			
Conductivity (µmho)	1,510	1,070	985	962			
Water Temperature (°C)	68.8	68.5	68.8	67.8			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: NAVY BASE CH JOB NO: _____ DATE: 4-9-95

WELL NO.: 667-001 LOCATION: ZONE H

WEATHER CONDITIONS: SUNNY, MILD AMBIENT TEMP: 75°

REVIEWED BY: _____ PERSONNEL: Kevin Davis Lone Force

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? SOAP/DI/[illegible]/DI

Which well was previously purged? 666002

SAMPLING DEVICE

Type device? SAME

How was the device decontaminated? SAME

How was the line decontaminated? SAME

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 0

Depth to bottom of well from TOC (ft.) 13.5

Depth to water surface from TOC (ft.) 4.72

Length of water (ft.) 8.78

Volume of water (ft.) 8.78

(gal.) 1.48

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.47

PURGING

Time started 1250 Finished 1312

Volume purged 4.5 g

Comments on Well Recovery good

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1322

Finish 1327

IN-SITU TESTING

Time:	1250	1258	1303	1312			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.5	3.0	4.5			
Turbidity	2.5	1.5	2.5	.55			
Odor							
pH (units)	6.95	6.97	6.99	7.06			
Conductivity (µmho)	8260	3500	4250	6,340			
Water Temperature (°C)	72.5	73.8	73.9	74.0			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque
Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: _____

PROJECT NAME: NAVY BASE CH — JOB NO: _____ — DATE: 4-4-95

WELL NO.: 667-002 — LOCATION: ZONE H

WEATHER CONDITIONS: SUNNY, MILD — AMBIENT TEMP: 75°

REVIEWED BY: _____ — PERSONNEL: _____

PURGING DEVICE

Type device? PARASTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? SOAP/DI/ISOPROPAL/DI

Which well was previously purged? 667-001

SAMPLING DEVICE

Type device? SAME

How was the device decontaminated? SAME

How was the line decontaminated? SAME

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 0

Depth to bottom of well from TOC (ft.) 13.3

Depth to water surface from TOC (ft.) 3.94

Length of water (ft.) 9.36

Volume of water (ft.) 9.36

(gal.) 1.59

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 4.77

PURGING

Time started 1247 — Finished 1308

Volume purged 4.80

Comments on Well Recovery Good

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1320

Finish 1325

IN-SITU TESTING

Time:	1247	1253	1300	1308			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.59	3.20	4.80			
Turbidity	3.39	1.14	1.21	1.25			
Odor							
pH (units)	6.91	6.90	6.87	7.0			
Conductivity (µmho)	19,980	7,270	9,420	9900			
Water Temperature (°C)	77.4	74.8	74.0	75.2			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\121GW0010A

PROJECT NAME: Naval Base Charleston — JOB NO: 2908-08440 — DATE: 5-11-95

WELL NO.: NBCH\121 W 001 — LOCATION: Zone H

WEATHER CONDITIONS: ptly Cloudy — AMBIENT TEMP: 75°

REVIEWED BY: — PERSONNEL: M. Boot, & J. Austin

PURGING DEVICE

Type device? parastaltic pump

How was the device decontaminated? N/A

How was the line decontaminated? N/A

Which well was previously purged? NBCH\009W0010 LH

SAMPLING DEVICE

Type device? Same

How was the device decontaminated? N/A

How was the line decontaminated? per CSAP

Which well was previously sampled? NBCH\009W010

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 15.30

Depth to water surface from TOC (ft.) 5.42

Length of water (ft.) 9.88

Volume of water (ft.) ~~1.68~~ LH

(gal.) 1.68

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.)

PURGING

Time started 0930 — Finished 0950

Volume purged

Comments on Well Recovery

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 0955

Finish

IN-SITU TESTING

Time:	0938	0940	0945	0950			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1	2	2.5	3			
Turbidity	14	999+	999+	78			
Odor							
pH (units)	7.56	8.81	8.05	8.12			
Conductivity (µmho)	5.46	7.42	5.39	4.42			
Water Temperature (°C)	22.1	21.4	22.0	22.2			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 13 / 95

WELL NO.: NBCH \ 121 - 001 — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: GF KD

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH - GDH - 011

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 15.25

Depth to water surface from TOC (ft.) 4.56

Length of water (ft.) 10.69

Volume of water (ft.)

(gal.) 1.82

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 5.5

PURGING

Time started 1146 Finished 1229

Volume purged 4 gals

Comments on Well Recovery (FAST/MODERATE/SLOW)

Depth to water (ft.) 4.56

Completion

Additional Comments

Sample Collected: Start 1248

Finish 1256

IN-SITU TESTING

Time:	1146	1154	1205	1217	1229		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1	2	3	4		
Turbidity	22	28.5	8.01	5.8	5.7		
Odor							
pH (units)	7.4	6.8	7.2	6.7	6.8		
Conductivity (µmho)	>2000	4450	5100	3830	3980		
Water Temperature (°C)	76	75	76	75	74		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: _____ (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/14/95

WELL NO.: NBCH\CSY-FMW-402 — LOCATION: ZONE H

WEATHER CONDITIONS: _____ — AMBIENT TEMP: _____

REVIEWED BY: _____ — PERSONNEL: KO GF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? _____

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 7.34

Depth to water surface from TOC (ft.) 2.64

Length of water (ft.) 4.7

Volume of water (ft.) .79

(gal.) .79

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 2.39

PURGING

Time started 1052 Finished 1107

Volume purged 2.39

Comments on Well Recovery (FAST/MODERATE/SLOW)

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1101

Finish 1120

IN-SITU TESTING

Time:	1052	1059	1058	1107			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	.80	1.60	2.4			
Turbidity	83.6	85	46	1.75			
Odor							
pH (units)	6.12	6.11	6.12	6.12			
Conductivity (µmhos)	2,140	2,010	2000	2,000			
Water Temperature (°C)	67.8	69.8	70.0	70.8			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/10/95

WELL NO.: NBCH\GDH-001 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 80°

REVIEWED BY: — PERSONNEL: GF KD

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-014-004

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 15.45

Depth to water surface from TOC (ft.) 6.08

Length of water (ft.) 9.37

Volume of water (ft.)

(gal.) 1.6

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.8

PURGING

Time started 1407 Finished 1425

Volume purged 4.8

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 6.08

Completion

Additional Comments

Sample Collected: Start 1428

Finish 1433

IN-SITU TESTING

Time:	1407	1412	1418	1425			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.6	3.2	4.8			
Turbidity	115.1	26	6.25	9.9			
Odor							
pH (units)	6.9	6.8	6.8	6.9			
Conductivity (µmho)	3120	1760	1538	1598			
Water Temperature (°C)	83	76	76	77			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/10/95 4/11/95

WELL NO.: NBCH\ GDH - ~~101~~ 01D — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny, Breezy — AMBIENT TEMP: 80°

REVIEWED BY: — PERSONNEL: KD GF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-014-D4D

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 64.2

Depth to water surface from TOC (ft.) 4.33

Length of water (ft.) 59.87

Volume of water (ft.)

(gal.) 10.2

Amount of sediment at bottom of well (ft.) 1'

3 Volumes of water (gal.) 30.6

PURGING

Time started 1400 (4-10-95) Finished 1330 (4-11-95)

Volume purged 30.6

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) 4.33

Completion

Additional Comments

Sample Collected: Start 1333

Finish 1338

IN-SITU TESTING

Time:	1400	1647		0830	1030	1330	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	10.2		10.2	20.4	30.6	
Turbidity	30.5	40.2		35.0	22.0	10.2	
Odor							
pH (units)	7.0	6.9		6.9	6.8	7.0	
Conductivity (µmhos)	>20000	>20000		>20000	>20000	>20000	
Water Temperature (°C)	85	80		70	72	72	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\GDH-002 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: / / 95

WELL NO.: NBCH\GDH-002 — LOCATION: ZONE H

WEATHER CONDITIONS: partly cloudy southern wind 15 mph south — AMBIENT TEMP: ~75°F

REVIEWED BY: — PERSONNEL: Grey Force Kevin Davis

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) ~3'

Depth to bottom of well from TOC (ft.) 17.17

Depth to water surface from TOC (ft.) 3.95

Length of water (ft.) 13.22

Volume of water (ft.)

(gal.) 2.25

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 6.75

PURGING

Time started 1050 Finished 1308

Volume purged 11.25

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1310

Finish 1318

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1050	1100	1122	1153	1227	1308	
Well Volume Purged (gal.)	0	2.25	4.5	6.75	9	11.25	
Turbidity	36.5	157.8	85.1	41.4	28.4	10.2	
Odor							
pH (units)	6.53	6.53	6.62	6.73	6.76	6.88	
Conductivity (µmho)	>20k	>20k	>20k	>20k	>20k	>20k	
Water Temperature (°C)	21	20	21.9	22	22.5	23	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: GDHGW02D (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/11/95 + 4/12/95

WELL NO.: NBCH\GDH 02D — LOCATION: ZONE H

WEATHER CONDITIONS: Partly cloudy wind from S. ~15 mph — AMBIENT TEMP: ~75°F

REVIEWED BY: — PERSONNEL: Greg Force Kevin Davis

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) ~3'

Depth to bottom of well from TOC (ft.) 62.45

Depth to water surface from TOC (ft.) 0.05'

Length of water (ft.) 62.4

Volume of water (ft.)

(gal.) 10.6

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 31.8

PURGING

Time started 1023 (4-11-95) Finished 1018 (4-12-95)

Volume purged 31.8

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1020 (4-12-95)

Finish 1041 (4-12-95)

IN-SITU TESTING

	1	2	3	4	5	6	7
	4-11	4-11	4-11	4-11	4-12	4-12	
Time:	1023	1220	1420	1625	0934	1018	
Well Volume Purged (gal.)	0	10.6	21.2	26.5	26.5	31.8	
~~Turbidity~~ Conductivity (umhos)	>20k	>20k	>20k	>20k	>20k	>20k	
Odor							
pH (units)	7.11	6.99	6.98	6.81	6.76	6.8	
~~Conductivity (umhos)~~ Turbidity	32.1	30.5	41.8	5.12	6.13	10.5	
Water Temperature (°C)	70.8	72.5	75.6	75.3	71.0	72	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\GDH GW003 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 3/28/95

WELL NO.: NBCH\GDH-003 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny Warm — AMBIENT TEMP:

REVIEWED BY: — PERSONNEL: Greg Force Kevin Davis

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) ~3'

Depth to bottom of well from TOC (ft.) 15.5

Depth to water surface from TOC (ft.) 8.97

Length of water (ft.) 6.53

Volume of water (ft.)

(gal.) 1.11

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 3.33

PURGING

Time started 1225 Finished 1242

Volume purged 3.33

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1250

Finish 1300

IN-SITU TESTING

Time:	1225	1229	1237	1242			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.11	2.22	3.33			
Turbidity	163	275	9.7	8.5			
Odor							
pH (units)	7.01	6.95	7.01	6.95			
Conductivity (umho)	1094	2059	3180	3082			
Water Temperature (°C) °F	77.5	78.1	80.5	76.9			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH GDHGW03D (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 3/28/95

WELL NO.: NBCH GDH-03D — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny + Warm — AMBIENT TEMP:

REVIEWED BY: — PERSONNEL: Greg Force Kevin Davis

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) ~3'

Depth to bottom of well from TOC (ft.) 47.0

Depth to water surface from TOC (ft.) 9.2

Length of water (ft.) 37.8

Volume of water (ft.)

(gal.) 6.42

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.)

PURGING

Time started ~~1225~~ 1242 Finished 1624

Volume purged 19.27

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1630

Finish

IN-SITU TESTING

Time:	1242	1402	1508	1624			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	6.42	12.84	19.27			
Turbidity	120	7.5	2.6	1.57			
Odor							
pH (units)	6.67	4.3	4.25	4.6			
Conductivity (µmho)	>20k	>20k	>20k	>20k			
Water Temperature ~~(°C)~~ °F	82.3	82.9	80.2	73.3			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: Naval Base Charleston JOB NO: 2908440 DATE: 3-31-95

WELL NO.: NBCH-GDH-004 LOCATION: Zone H

WEATHER CONDITIONS: overcast w/ light wind from North AMBIENT TEMP: 60°

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? peristaltic pump

How was the device decontaminated? N/A

How was the line decontaminated? Soap/DI/propanol/DI 250°

Which well was previously purged? NBCH-663-004

SAMPLING DEVICE

Type device? Same

How was the device decontaminated? Same

How was the line decontaminated? Same

Which well was previously sampled? Same

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 15.65

Depth to water surface from TOC (ft.) 8.14

Length of water (ft.) 7.51

Volume of water (ft.) 7.51

(gal.) 1.28

Amount of sediment at bottom of well (ft.) –

3 Volumes of water (gal.) 3.83

PURGING

Time started 1000 Finished 1030

Volume purged 3.9

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1039

Finish 1045

IN-SITU TESTING

		1	2	3	4	5	6	7
Time:		1000	1010	1020	1030			
Well Volume Purged (gal.)		0	1.3	2.6	3.9			
Turbidity		2.8	4.5	3.5	1.75			
Odor		SO_2						
pH (units)		7.22	7.35	7.35	7.41			
Conductivity (µmho)		1,240	1,010	1,230	798			
Water Temperature (°C)	(F)	60.7°	60.8°	61.7°	61.3°			
Depth to water (ft.)								

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: NAVAL BASE CHARLESTON JOB NO: 2908440 DATE: 3-31-95

WELL NO.: NBCH\GDH-04D LOCATION: Zone H

WEATHER CONDITIONS: OVERCAST w/light wind from North AMBIENT TEMP: 60°

REVIEWED BY: _____ PERSONNEL: _____

PURGING DEVICE

Type device? PERISTALTIC pump

How was the device decontaminated? N/A

How was the line decontaminated? SOAP/DI/isoprop/DI

Which well was previously purged? NBCH663-001

SAMPLING DEVICE

Type device? SAME

How was the device decontaminated? SAME

How was the line decontaminated? SAME

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2"

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 64.05'

Depth to water surface from TOC (ft.) 11.49

Length of water (ft.) 52.56

Volume of water (ft.) ~~8.9~~ 52.56

(gal.) 8.9

Amount of sediment at bottom of well (ft.) 0.5

3 Volumes of water (gal.) 26.8

PURGING

Time started 0936 Finished 1120

Volume purged 27 gal

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1124

Finish 1143

IN-SITU TESTING

Time:	0936	1014	1045	1120			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	9.0	18.0	27.0			
Turbidity	32.7	29.1	8.4	8.48			
Odor	SO_2						
pH (units)	7.22	6.84	6.86	6.83			
Conductivity (µmho)	>20,000	→	→	→			
Water Temperature (°C) (F°)	64.2	64.7	65.2	66.6			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque
Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 11 / 95

WELL NO.: NBCH \ GDH - 005 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 15.90

Depth to water surface from TOC (ft.) 7.07

Length of water (ft.) 8.83

Volume of water (ft.)

(gal.) 1.5

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.5

PURGING

Time started 1439 Finished 1505

Volume purged 4.5

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) 7.07

Completion

Additional Comments

Sample Collected: Start

Finish

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	1439	1415	1454	1505			
Well Volume Purged (gal.)	0	1.5	3.0	4.5			
Turbidity	53.7	11.4	3.3	1.4			
Odor							
pH (units)	6.8	6.9	6.7	7.0			
Conductivity (µmho)	2000	6500	9000	8300			
Water Temperature (°C)	21	21	20	21			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/11/95 4/12/95

WELL NO.: NBCH\ GDH -05D — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: MB BC

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-014-005

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.)

Depth to bottom of well from TOC (ft.) 63.77

Depth to water surface from TOC (ft.) 8.30

Length of water (ft.) 55.47

Volume of water (ft.)

(gal.) 9.4

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 28.2

PURGING

Time started 1301 Finished 1228 (4-12-95)

Volume purged 28.2

Comments on Well Recovery FAST/MODERATE/(SLOW)

Depth to water (ft.) 8.30

Completion

Additional Comments

Sample Collected: Start 1245

Finish 1248

IN-SITU TESTING

Time:	1301	1421	1535		1131	1228	
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	9.4	18.8		18.8	28.2	
Turbidity	5.7	10.7	2.7		5.07	7.18	
Odor							
pH (units)	7.1	6.9	6.9		7.1	6.9	
Conductivity (µmho)	33000	33700	32500		33500	31700	
Water Temperature (°C)	21	22	23		22	23	
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\GDHGW0060

PROJECT NAME: NAVAL BASE Charleston — JOB NO: 2908-08440 — DATE: 3/28/95

WELL NO.: NBCH\GDH[redacted] 006 — LOCATION: zone H

WEATHER CONDITIONS: Sunny, windy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: Mike BASHA / Barry Lester / Todd Temple

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? NA

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCH\0136 131322

SAMPLING DEVICE

Type device? Tygon Tubing

How was the device decontaminated? NA

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCH\0136 131322

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 0

Depth to bottom of well from TOC (ft.) 12.44

Depth to water surface from TOC (ft.) 4.22

Length of water (ft.) 8.22

Volume of water (ft.)

(gal.) 1.4

Amount of sediment at bottom of well (ft.) 0

3 Volumes of water (gal.) 4.2

PURGING

Time started 1301 — Finished 1347

Volume purged 4.2 gals

Comments on Well Recovery FAST

Depth to water (ft.) 4.22

Completion

Additional Comments

Sample Collected: Start 1406

Finish 1414

IN-SITU TESTING

Time:	1301	1318	1331	1347			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.4	2.8	4.2			
Turbidity	15.6	2.53	1.49	0.91			
Odor							
pH (units)	7.3	7.4	7.3	7.5			
Conductivity (µmho)	1650	1550	15[illegible]	1980			
Water Temperature (°C)	23	23	23	22.5			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\GDHGW06D0

PROJECT NAME: NAVAL BASE Charleston — JOB NO: 2908-08440 — DATE: 3/28/95

WELL NO.: NBCH - GDH - 06D — LOCATION: Zone H

WEATHER CONDITIONS: Sunny, windy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: MB/BL/TT

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? NA

How was the line decontaminated? per CSAP

Which well was previously purged? NBCH GDH 006

SAMPLING DEVICE

Type device? Tygon Tubing

How was the device decontaminated? NA

How was the line decontaminated? per CSAP

Which well was previously sampled? NBCH GDH 006

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 0

Depth to bottom of well from TOC (ft.) [redacted] 42.05

Depth to water surface from TOC (ft.) 5.87

Length of water (ft.) 36.18

Volume of water (ft.)

(gal.) 6.2

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 18.6

PURGING

Time started 1053 Finished 1501

Volume purged 18.6 gals

Comments on Well Recovery

Depth to water (ft.) 5.87

Completion

Additional Comments

Sample Collected: Start 1506

Finish 1514

IN-SITU TESTING

Time:	1053	1247	1359	1501			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	6.2	12.4	18.6			
Turbidity	12.7	0.99	0.68	0.85			
Odor	sulfur odor (strong)						
pH (units)	7.3	7.0	7.3	7.1			
Conductivity (µmho)	28000	33000	31800	32000			
Water Temperature (°C)	22	24	23.5	23.5			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling | Sample ID: _____

PROJECT NAME: Naval Base Charleston JOB NO: ~~NBCH~~ 2908.08440 DATE: 5-22-95

WELL NO.: NBCH-GDH006D LOCATION: Corner of Holland & Adgar

WEATHER CONDITIONS: Sunny AMBIENT TEMP: 82°

REVIEWED BY: J. Watson, Jr PERSONNEL: Steve T. & Matt B.

PURGING DEVICE

Type device? Peristaltic Pump

How was the device decontaminated? N/A

How was the line decontaminated? Per CSAP

Which well was previously purged? NBCI/GDH006

SAMPLING DEVICE

Type device? PTFE Tubing

How was the device decontaminated? Per CSAP

How was the line decontaminated? Per CSAP

Which well was previously sampled? NBCI/GDH006

INITIAL WELL VOLUME

Well diameter (in.) 2 in.

Stickup (ft.) Flush

Depth to bottom of well from TOC (ft.) 43.41

Depth to water surface from TOC (ft.) 5.91

Length of water (ft.) 37.5

Volume of water (ft.) _____

(gal.) 6.4

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) _____

PURGING

Time started 1046 Finished 1112

Volume purged 6.4 gal

Comments on Well Recovery _____

Depth to water (ft.) _____

Completion _____

Additional Comments _____

Sample Collected: Start 1116

Finish 1121

IN-SITU TESTING

Time:	1044	1051	1056	1101	1112		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	1.25	2.25	3	4	6		
Turbidity	2	1	2	2	4		
Odor	-	-	-	-	-		
pH (units)	6.33	6.54	6.55	6.59	6.58		
Conductivity (µmho)	35.2	36.6	38.4	38.5	38.4		
Water Temperature (°C)	23.9	24.4	24.0	23.8	24.1		
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH GDHGW007 (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 3/31/95

WELL NO.: NBCH \ GDH - 007 — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy — AMBIENT TEMP: 60°

REVIEWED BY: — PERSONNEL: MB BC

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-136-001

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 16.75

Depth to water surface from TOC (ft.) 8.11

Length of water (ft.) 8.64

Volume of water (ft.)

(gal.) 1.5

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.5

PURGING

Time started 1027 Finished 1052

Volume purged 4.5 gals

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 8.11

Completion —

Additional Comments —

Sample Collected: Start 1101

Finish 1118

IN-SITU TESTING

Time:	1027	1037	1044	1052			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.5	3.0	4.5			
Turbidity	3.21	1.80	2.21	1.93			
Odor							
pH (units)	8.6	8.1	8.0	8.0			
Conductivity (µmho)	700	300	360	340			
Water Temperature (°C)	17°	17°	17°	17°			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH GDH GW07D(02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 3/31/95

WELL NO.: NBCH GDH - 07D — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy — AMBIENT TEMP: 60°

REVIEWED BY: — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-GDH-007

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 47.97

Depth to water surface from TOC (ft.) 9.38

Length of water (ft.) 38.59

Volume of water (ft.) 6

(gal.) 6.6

Amount of sediment at bottom of well (ft.) —

3 Volumes of water (gal.) 19.8

PURGING

Time started 0951 Finished 1412

Volume purged 19.8 gals

Comments on Well Recovery FAST/(MODERATE)/SLOW

Depth to water (ft.) 9.38

Completion —

Additional Comments —

Sample Collected: Start 1412

Finish 1441

IN-SITU TESTING

	1	2	3	4	5	6	7
Time:	0951	1052	1202	1412			
Well Volume Purged (gal.)	0	6.6	13.2	19.8			
Turbidity	6.38	1.44	1.10	2.07			
Odor							
pH (units)	7.6	6.8	7.1	7.4			
Conductivity (µmho)	18500	26500	28500	27700			
Water Temperature (°C)	17°	19.5°	20°	19°			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/4/95

WELL NO.: NBCH\ GDH - 008 — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny, windy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: MB TT

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH - GDH - 080

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 15.40

Depth to water surface from TOC (ft.) 6.07

Length of water (ft.) 9.33

Volume of water (ft.)

(gal.) 1.6

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.8

PURGING

Time started 1052 Finished 1116

Volume purged 4.8

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 6.07

Completion

Additional Comments

Sample Collected: Start 1118

Finish 1131

IN-SITU TESTING

Time:	1052	1057	1108	1116			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.6	3.2	4.8			
Turbidity	63.6	9.19	5.65	1.61			
Odor							
pH (units)	7.4	7.2	7.3	7.4			
Conductivity (µmhos)	1600	1400	1550	1630			
Water Temperature (°C)	20	20	19	19			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\ GDHGW08D (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 4 / 95

WELL NO.: NBCH\ GDH-08D — LOCATION: ZONE H

WEATHER CONDITIONS: Sunny, windy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: MB TT

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-656-003

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 47.57

Depth to water surface from TOC (ft.) 7.84

Length of water (ft.) 39.73

Volume of water (ft.)

(gal.) 6.8

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) ~~6.8~~ 20.4

PURGING

Time started 1012 Finished 1223

Volume purged 20.4

Comments on Well Recovery FAST/(MODERATE)/SLOW

Depth to water (ft.) 7.84

Completion

Additional Comments

Sample Collected: Start 1229

Finish 1238

IN-SITU TESTING

Time:	1012	1045	1120	1223			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	6.8	13.6	20.4			
Turbidity	2.58	6.12	1.56	3.42			
Odor							
pH (units)	7.0	7.1	6.7	6.7			
Conductivity (µmho)	32000	32200	25500	35500			
Water Temperature (°C)	20	20	19	19			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: _____ (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 12 / 95

WELL NO.: NBCH \ GDH - 009 — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy — AMBIENT TEMP: 70

REVIEWED BY: _____ — PERSONNEL: KD GF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH - GDH -001

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) _____

Depth to bottom of well from TOC (ft.) 16.46

Depth to water surface from TOC (ft.) 8.83

Length of water (ft.) 7.63

Volume of water (ft.) _____

(gal.) 1.3

Amount of sediment at bottom of well (ft.) _____

3 Volumes of water (gal.) 3.9

PURGING

Time started 1124 Finished 1208

Volume purged 4.15 gals

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 8.83

Completion _____

Additional Comments _____

Sample Collected: Start 1210

Finish 1215

IN-SITU TESTING

Time:	1124	1147	1155	1202	1208		
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.3	2.6	3.9	4.15		
Turbidity	107	106	45	15	8		
Odor							
pH (units)	6.8	6.8	6.9	6.8			
Conductivity (units)	3610	8320	9220	9330			
Water Temperature (°C)	72	71	74	73			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/1/2/95

WELL NO.: NBCH GDH 09D 02 — LOCATION: ZONE H

WEATHER CONDITIONS: — AMBIENT TEMP:

REVIEWED BY: — PERSONNEL: KD GF

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3'

Depth to bottom of well from TOC (ft.) 54.98

Depth to water surface from TOC (ft.) 6.24

Length of water (ft.) 49.74

Volume of water (ft.) 49.74

(gal.) 8.3

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 24.9

PURGING

Time started 1045 Finished 1310

Volume purged 24.9

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.)

Completion

Additional Comments

Sample Collected: Start 1312

Finish 1318

IN-SITU TESTING

Time:	1045	1133	1225	1310			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	8.3	16.6	24.9			
Turbidity	4.8	29.0	13.5	10.5			
Odor							
pH (units)	7.4	6.76	6.82	6.87			
Conductivity (µmho)	>20K	>20K	>20K	>20K			
Water Temperature (°C)	72.8	72.8	74.2	75.2			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4 / 13 / 95

WELL NO.: NBCH \ GDH - 010 — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy, Breezy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: MB, BC

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 13.80

Depth to water surface from TOC (ft.) 6.82

Length of water (ft.) 6.98

Volume of water (ft.)

(gal.) 1.2

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 3.6

PURGING

Time started 0955 Finished 1016

Volume purged 3.6 gals

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 6.82

Completion

Additional Comments

Sample Collected: Start 1020

Finish 1023

IN-SITU TESTING

Time:	0955	0959	1007	1016			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.2	2.4	3.6			
Turbidity	9.0	1.4	0.8	0.6			
Odor							
pH (units)	6.9	6.8	7.1	7.0			
Conductivity (µmhos)	2250	2058	2150	2200			
Water Temperature (°C)	21	20	20	20			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — NBCH Sample ID: (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/12/95 4/13, 4/14

WELL NO.: NBCH \ GDH-10D — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy — AMBIENT TEMP: ~~MB BL~~ 70°

REVIEWED BY: — PERSONNEL: MB BL

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-GDH-005

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 66.80

Depth to water surface from TOC (ft.) 14.01

Length of water (ft.) 52.79

Volume of water (ft.)

(gal.) 9.0

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 27.0

PURGING

Time started 1440 (4-12-95) Finished 1410 (4-14-95)

Volume purged 20 gals

Comments on Well Recovery FAST/MODERATE/(SLOW)

Depth to water (ft.) 14.01

Completion

Additional Comments High Pressure when Cap released

Sample Collected: Start 1415

Finish 1420

IN-SITU TESTING

Time:	1440	1549	0931	1317	1604	1225	1311	1410
	4-12-95		4-13-95			4-14-95		
	1	2	3	4	5	6	7	8
Well Volume Purged (gal.)	0	5	5	9	15	15	18	20
Turbidity	9.1	2.6	16.2	7.9	6.1	11.3	8.9	6.1
Odor								
pH (units)	7.1	6.9	7.0	6.9	6.9	7.0	7.0	6.9
Conductivity (umhos)	27000	24000	25500	27000	26000	27000	27000	27000
Water Temperature (°C)	21	20	21	21	20	20	20	21
Depth to water (ft.)								

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/12/95

WELL NO.: NBCH\ GDH - 011 — LOCATION: ZONE H

WEATHER CONDITIONS: Cloudy — AMBIENT TEMP: 70'

REVIEWED BY: — PERSONNEL: GF KD

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged?

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 14.60

Depth to water surface from TOC (ft.) 6.59

Length of water (ft.) 8.01

Volume of water (ft.)

(gal.) 1.36

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 4.08

PURGING

Time started 1510 Finished 1553

Volume purged 4.2

Comments on Well Recovery (FAST)/MODERATE/SLOW

Depth to water (ft.) 6.59

Completion

Additional Comments

Sample Collected: Start 1556

Finish 1602

IN-SITU TESTING

Time:	1510	1521	1535	1553			
	1	2	3	4	5	6	7
Well Volume Purged (gal.)	0	1.4	2.8	4.2			
Turbidity	8.9	5.3	7.7	4.7			
Odor							
pH (units)	6.9	6.9	6.8	6.9			
Conductivity (µmho)	5990	7250	11010	13790			
Water Temperature (°C)	71	72	72	72			
Depth to water (ft.)							

NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Figure 6-1

Groundwater Sampling Form

Groundwater Sampling — Sample ID: NBCH\ (02)

PROJECT NAME: NAVAL BASE CHARLESTON — JOB NO: 2908-08440 — DATE: 4/12/95

WELL NO.: NBCH\ GDH-11D — LOCATION: ZONE H — 4/13/95 ~~4/14/95~~

WEATHER CONDITIONS: Cloudy — AMBIENT TEMP: 70°

REVIEWED BY: — PERSONNEL: GF KD

PURGING DEVICE

Type device? PERISTALTIC PUMP

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously purged? NBCH-GDH-009

SAMPLING DEVICE

Type device? TYGON TUBING

How was the device decontaminated? N/A

How was the line decontaminated? PER CSAP

Which well was previously sampled? SAME

INITIAL WELL VOLUME

Well diameter (in.) 2

Stickup (ft.) 3

Depth to bottom of well from TOC (ft.) 59.30

Depth to water surface from TOC (ft.) 1.73

Length of water (ft.) 57.57

Volume of water (ft.)

(gal.) 9.8

Amount of sediment at bottom of well (ft.)

3 Volumes of water (gal.) 29.4

PURGING

Time started 1447 (4-12) Finished ~~1610 (4-13)~~

Volume purged 23 gals

Comments on Well Recovery FAST/MODERATE/SLOW

Depth to water (ft.) 1.73

Completion

Additional Comments Sampled after 23 gals per SAM W.

Sample Collected: Start 1415

Finish 1438

IN-SITU TESTING

Time:	1447	1615	0830	0930	1610	0903	1035	1415
	1	2	3	4	5	6	7	8
Well Volume Purged (gal.)	0	6.0	6.0	9.8	15	15	20	23
Turbidity	10.52	6.55	20	1235	14.8	5.9	4.7	6.8
~~Odor~~ pH	6.8	6.9	6.8	6.8	6.9	6.8	6.9	6.8
~~pH (units)~~								
Conductivity (µmho)	>20K	>20K	>20K	>20K	>20K	>20K	>20K	>20K
Water Temperature (°C)	74	75	68	68	68	69	68	68
Depth to water (ft.)								

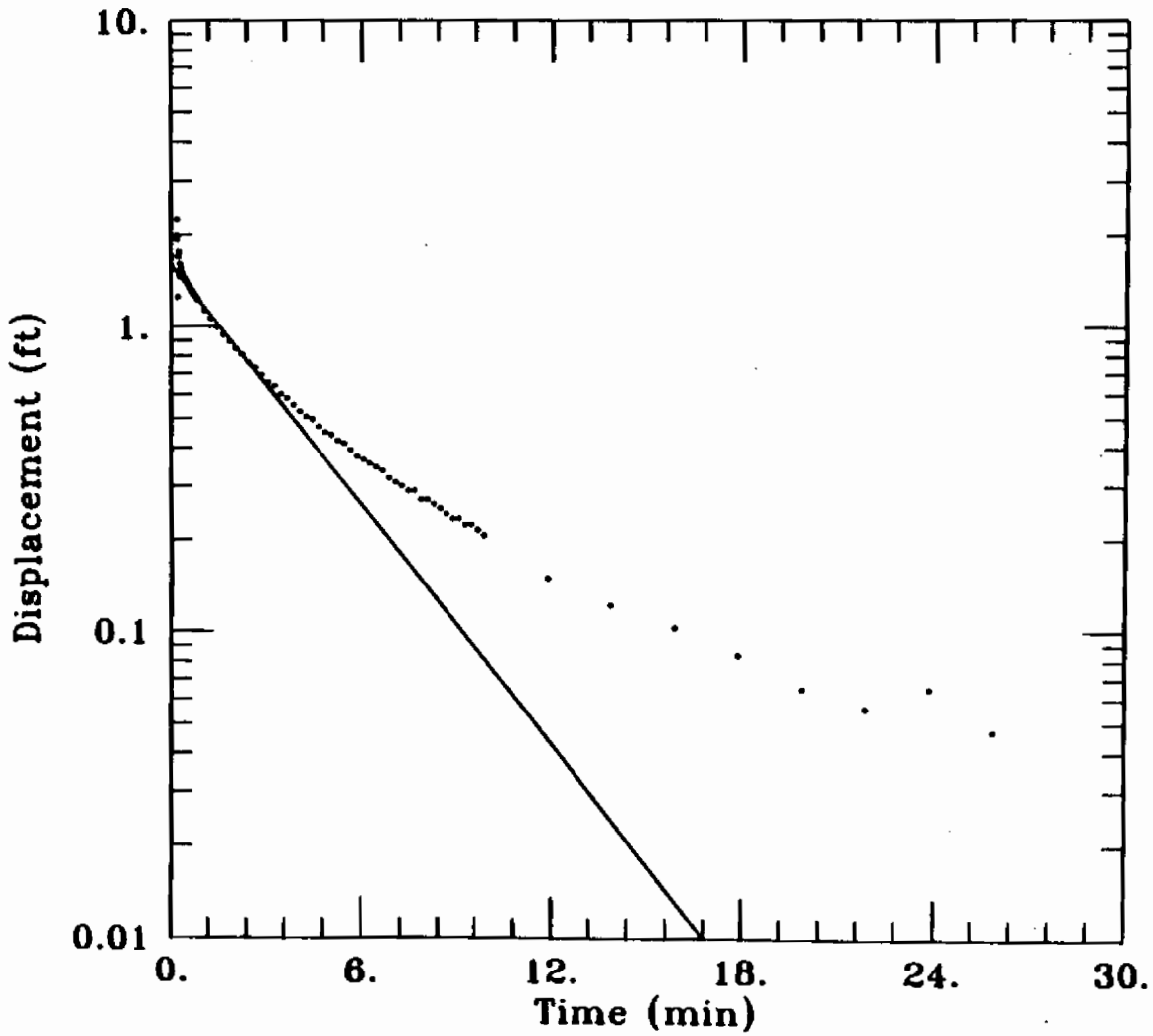
NOTES: 1 ft. length of 4" = 0.087 ft³ or 0.65 gal. — 1 ft. length 2" = 0.022 ft³ or 0.16 gal.
Turbidity choices: clear, turbid, opaque — Revision Date: 8/5/92

Appendix D

Aquifer Characterization Graphs

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH009005 Falling Head Slug Test



DATA SET:
905FAL.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

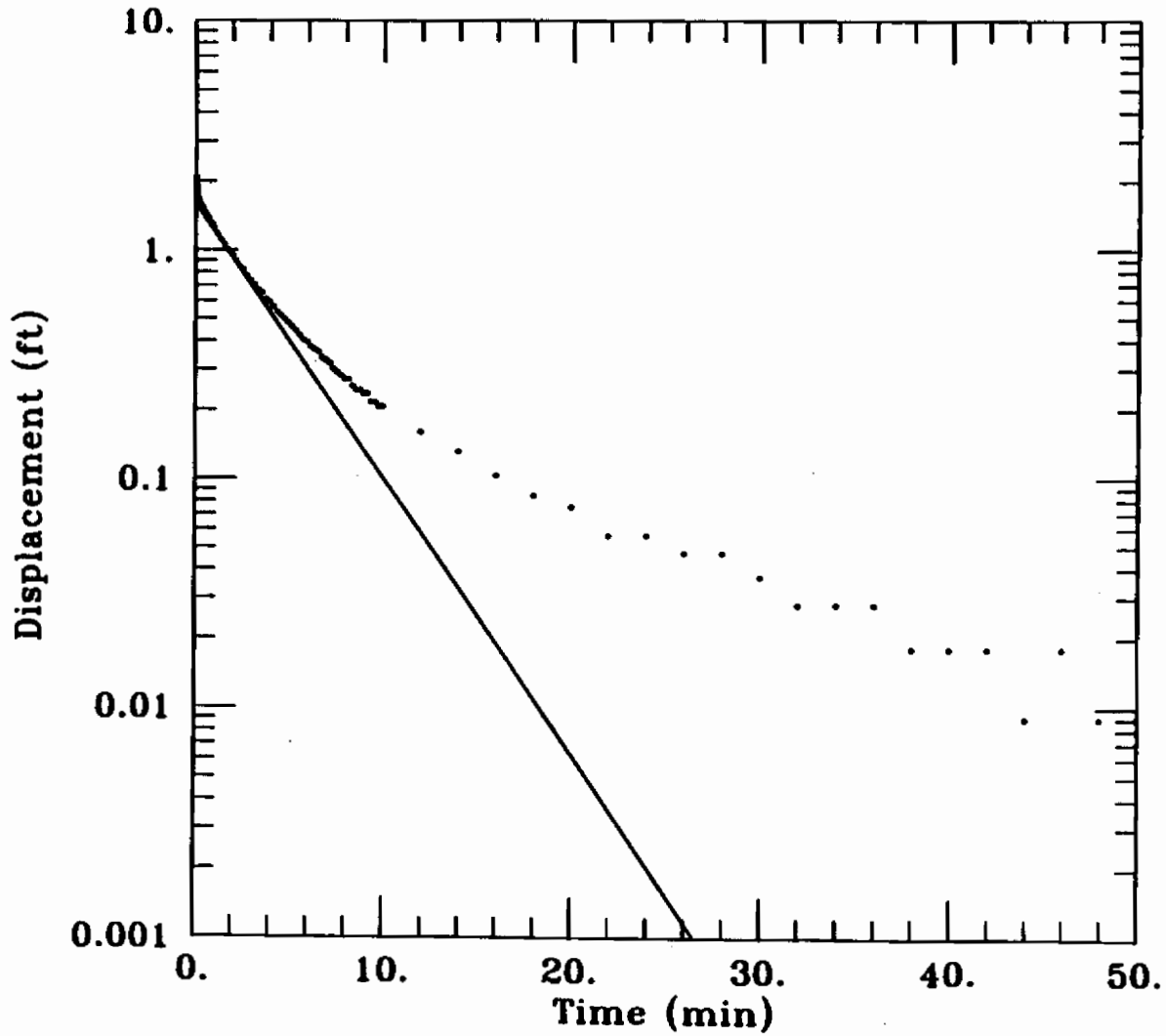
TEST DATA:
H0 = 1.7 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 10. ft
b = 12. ft
H = 12. ft

PARAMETER ESTIMATES:
K = 0.0002811 ft/min
y0 = 1.594 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH009005 Rising Head Slug Test



DATA SET:
905RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

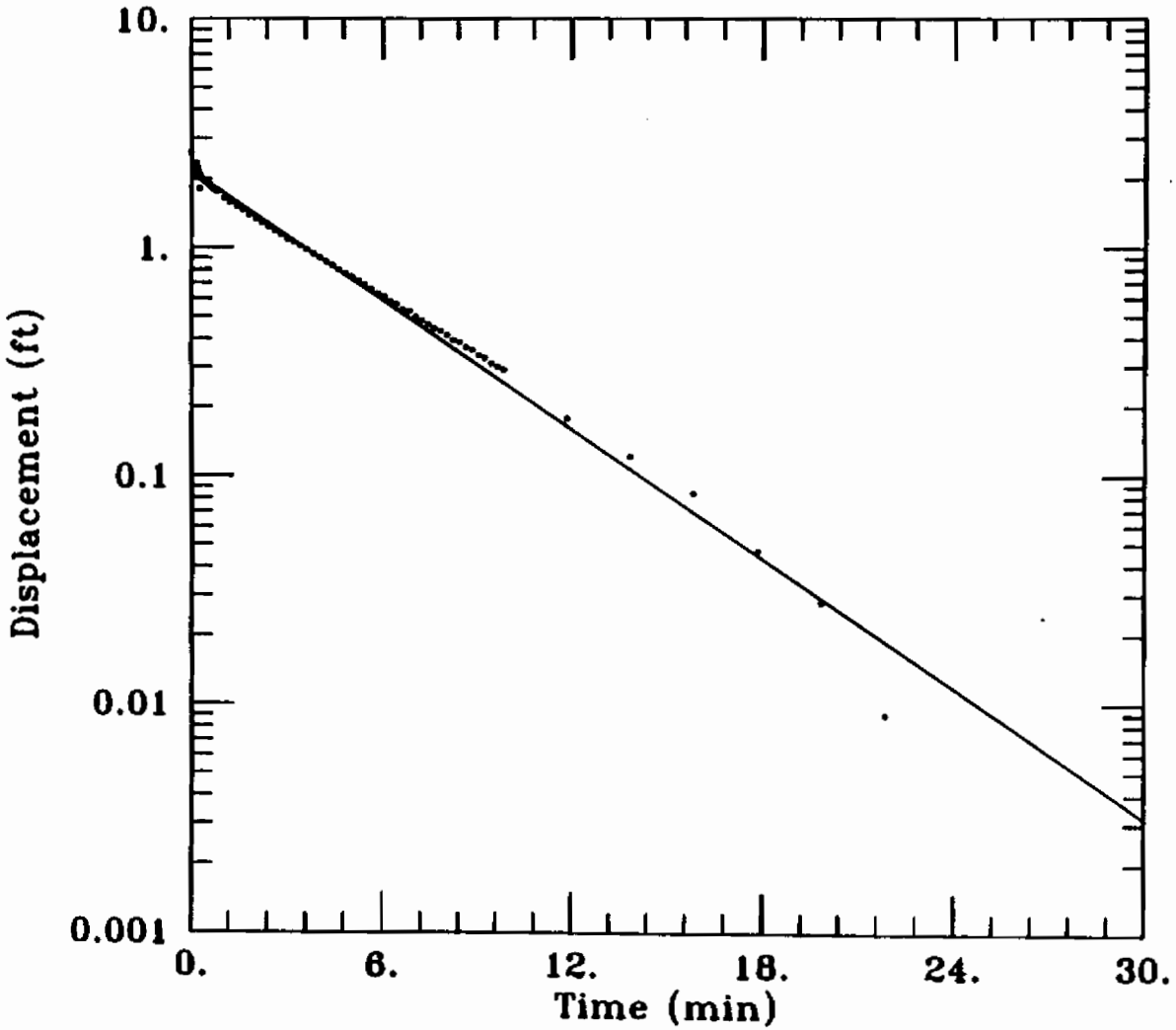
TEST DATA:
H0 = 1.8 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 10. ft
D = 12. ft
H = 12. ft

PARAMETER ESTIMATES:
K = 0.0002589 ft/min
y0 = 1.602 ft

AQTES

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH009008 Falling Head Slug Test



DATA SET:
0908FAL.AQT
01/11/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

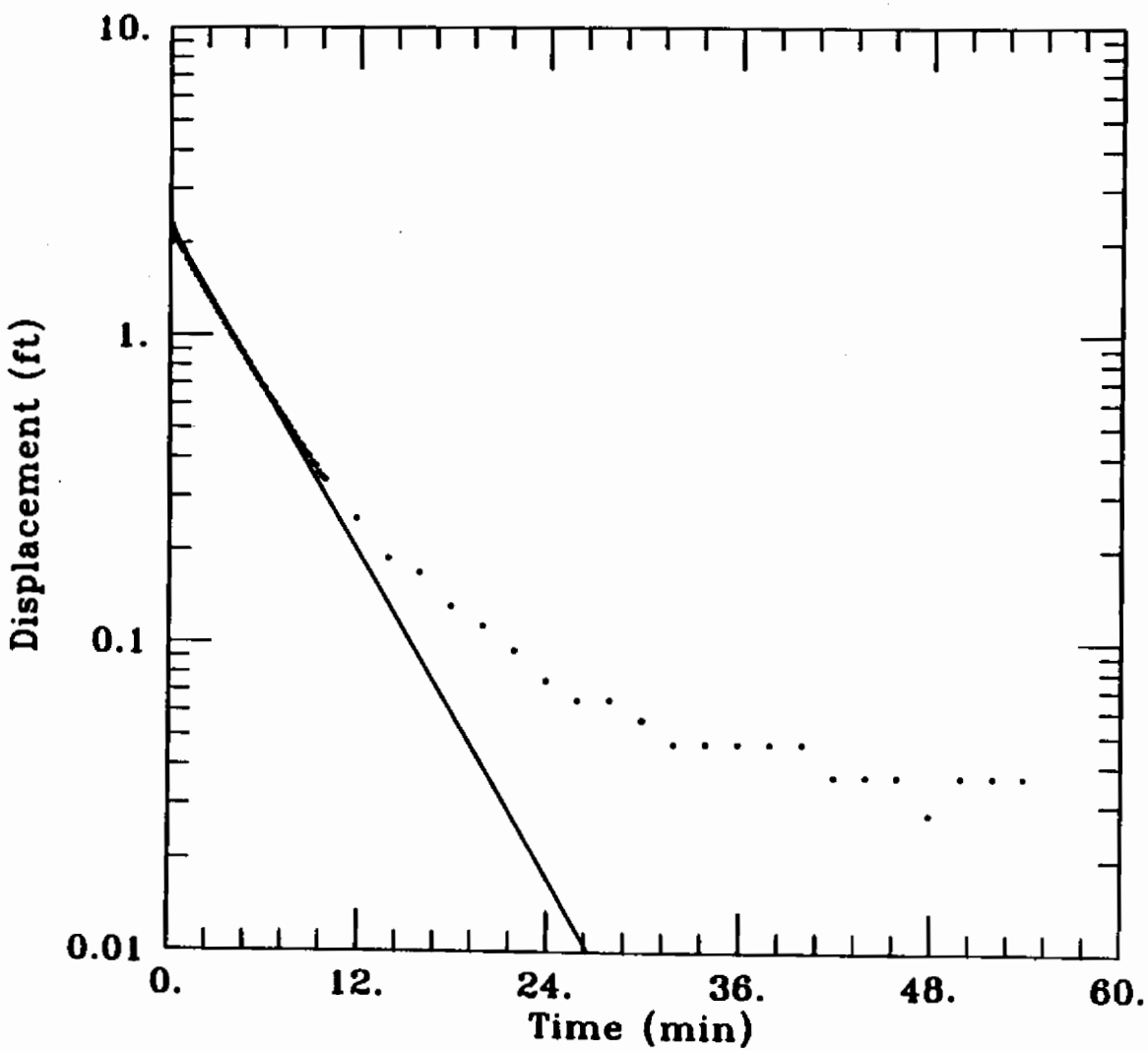
TEST DATA:
H0 = 2.6 ft
rc = 0.08333 ft
rw = 0.333 ft
L = 9.5 ft
b = 12. ft
H = 9.5 ft

PARAMETER ESTIMATES:
K = 0.0001809 ft/min
y0 = 2.178 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH009008 Rising Head Slug Test



DATA SET:
0908RIS.AQT
01/11/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

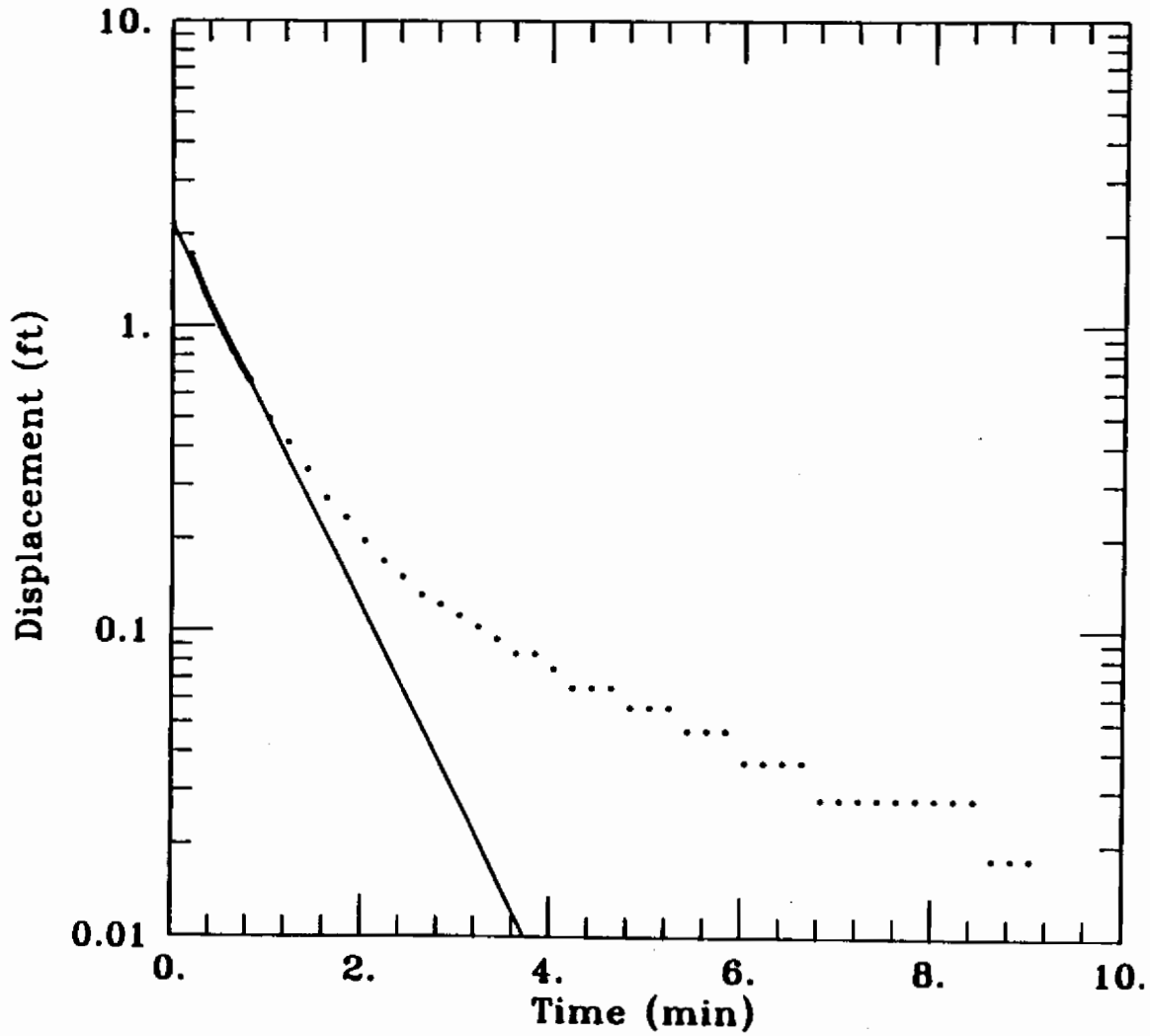
TEST DATA:
H0 = 2.6 ft
rc = 0.08333 ft
rw = 0.333 ft
L = 9.5 ft
b = 12. ft
H = 9.5 ft

PARAMETER ESTIMATES:
K = 0.0001691 ft/min
y0 = 2.261 ft

AQTES

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH013002 Falling Head Slug Test



DATA SET:
1302FAL.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

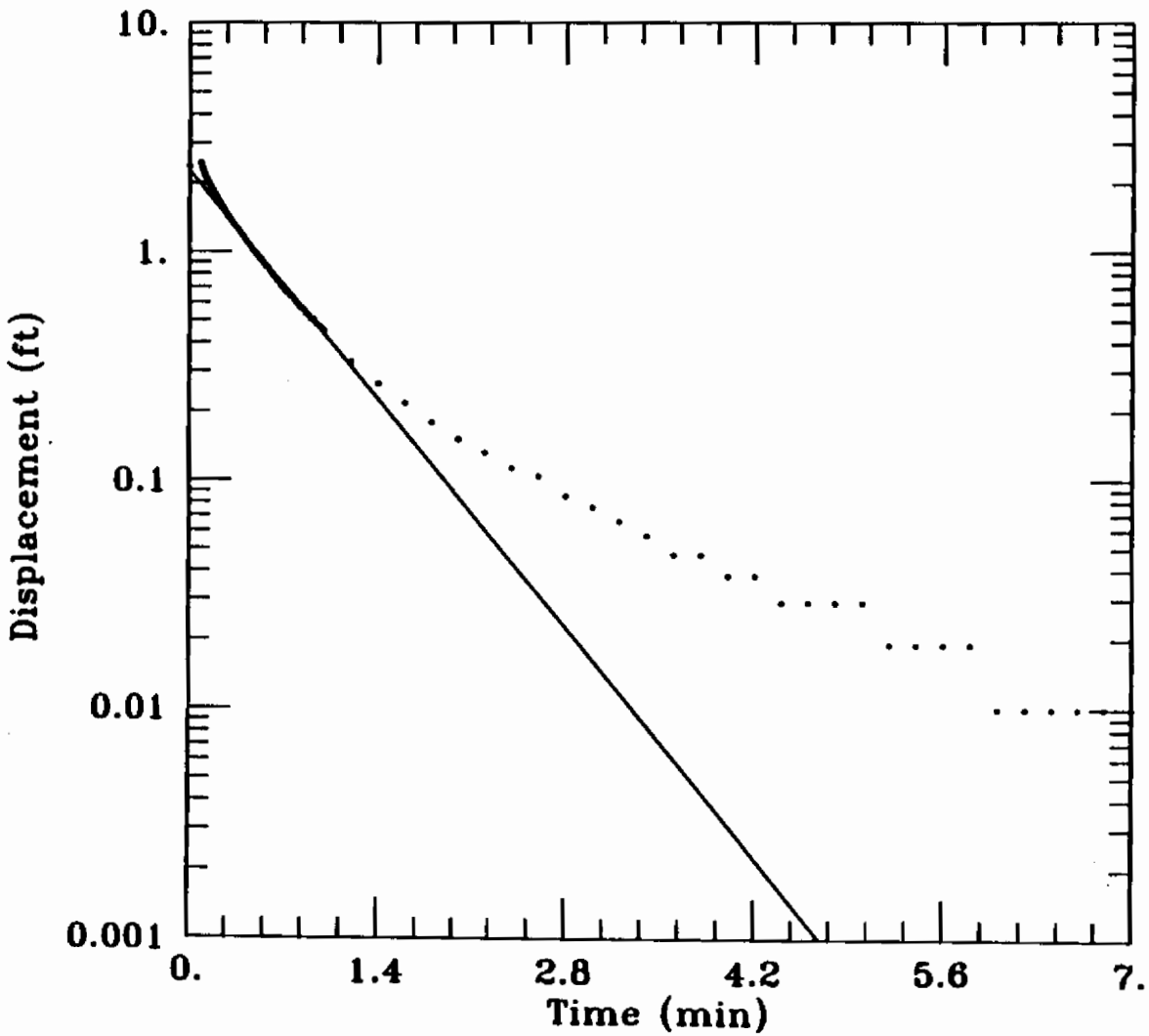
TEST DATA:
H0 = 2.165 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 10. ft
b = 12. ft
H = 12. ft

PARAMETER ESTIMATES:
K = 0.001343 ft/min
y0 = 2.165 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH013002 Rising Head Slug Test



DATA SET:
1302RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

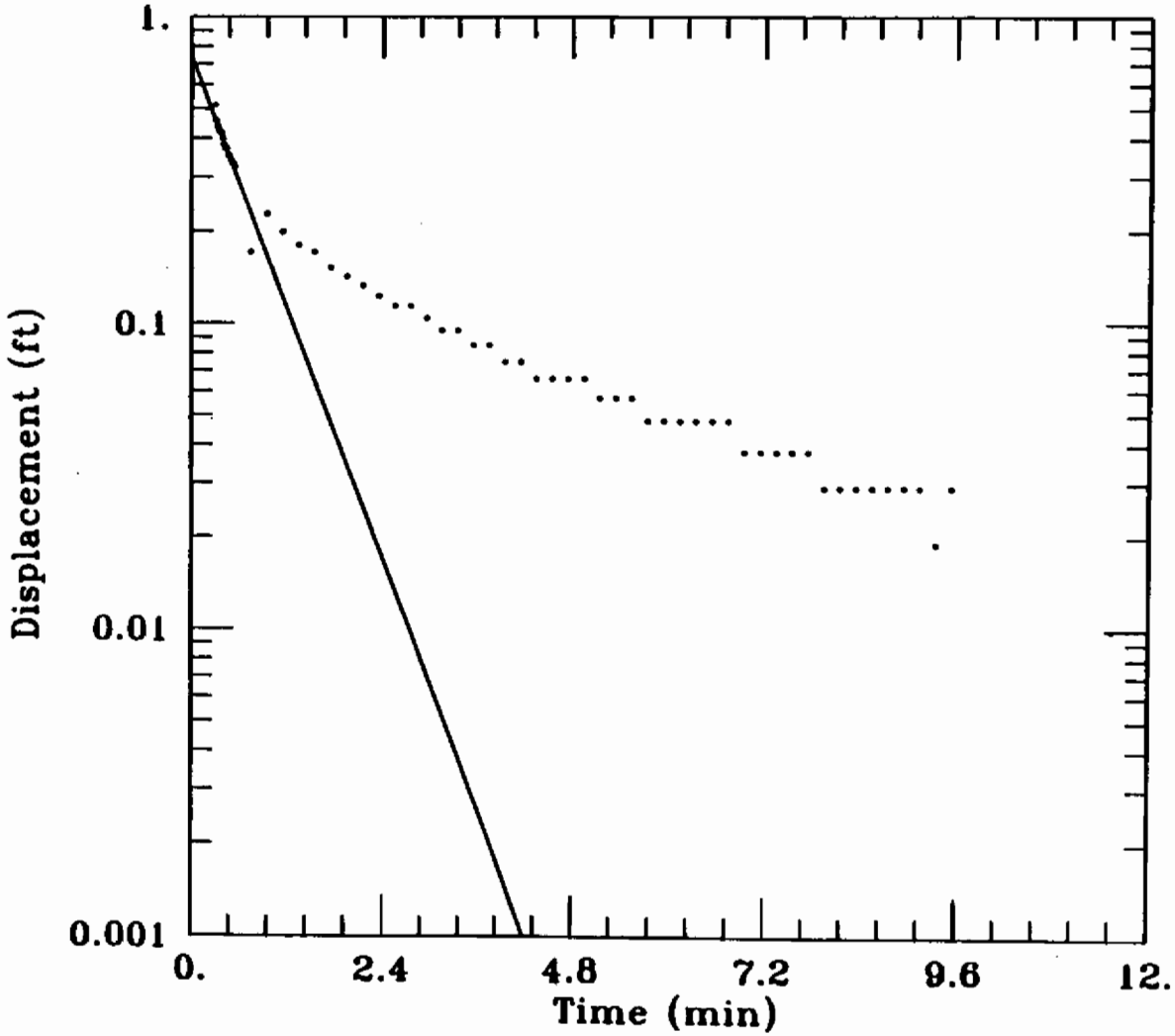
TEST DATA:
H0 = 2.364 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 10. ft
b = 12. ft
H = 12. ft

PARAMETER ESTIMATES:
K = 0.001535 ft/min
y0 = 2.264 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH013005 Falling Head Slug Test



DATA SET:
1305FAL.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

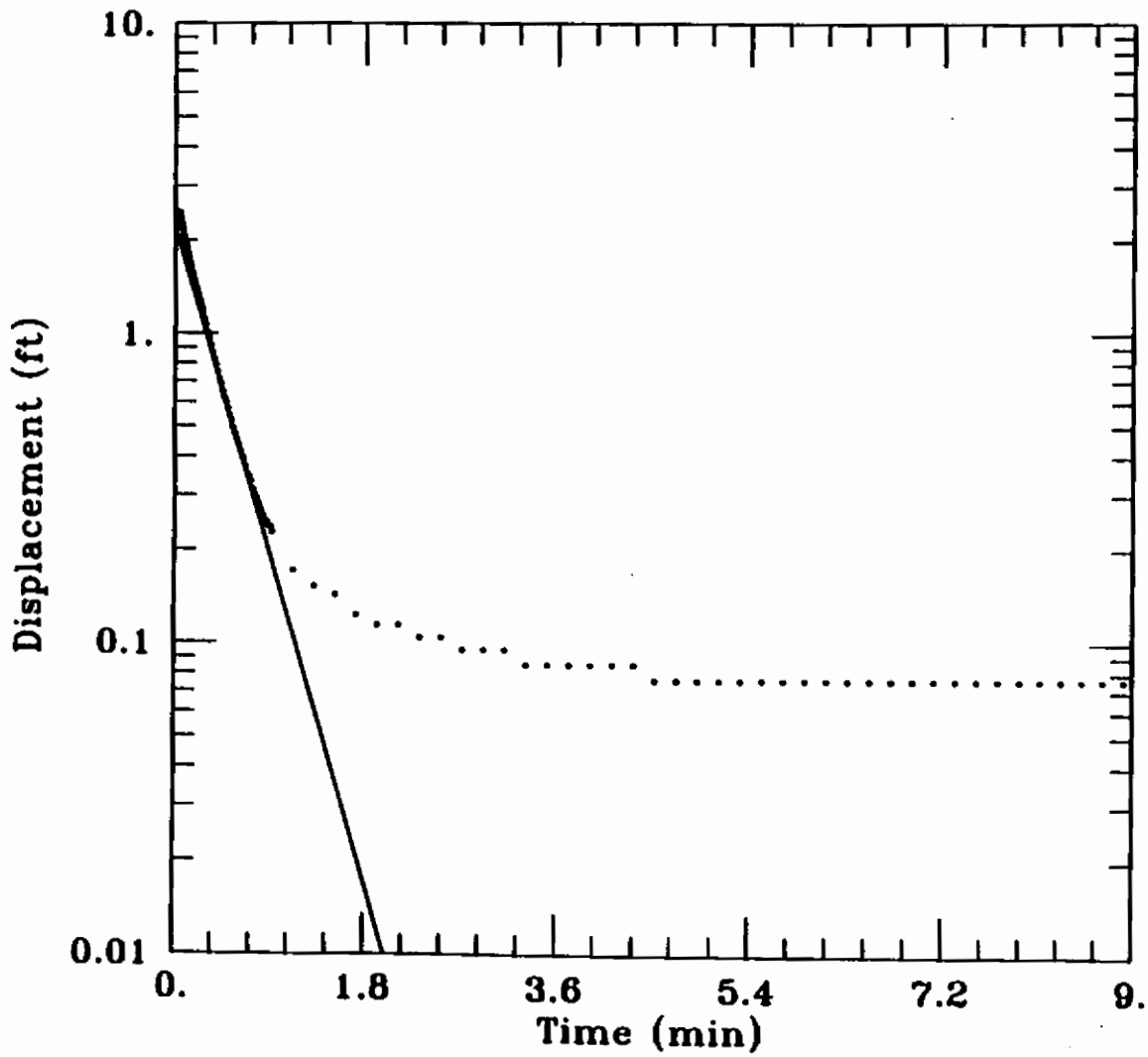
TEST DATA:
H0 = 0.6186 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 9. ft
b = 12. ft
H = 9. ft

PARAMETER ESTIMATES:
K = 0.001344 ft/min
y0 = 0.7413 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH013005 Rising Head Slug Test



DATA SET:
1305RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

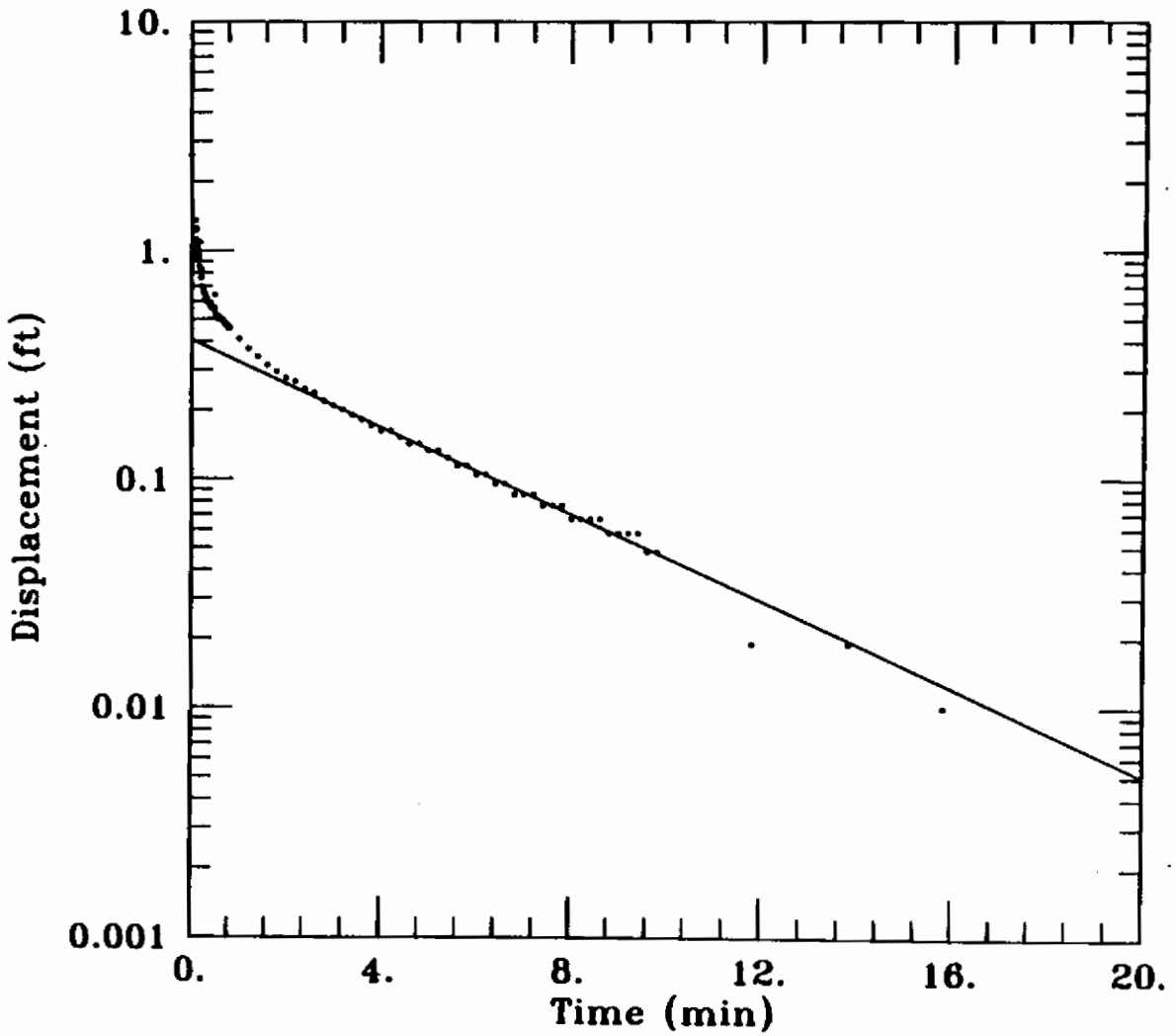
TEST DATA:
H0 = 2.2 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 9. ft
b = 12. ft
H = 9. ft

PARAMETER ESTIMATES:
K = 0.002294 ft/min
y0 = 2.177 ft

AQTES

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH014001 Falling Head Slug Test



DATA SET:
1401FAL.AQT
01/11/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

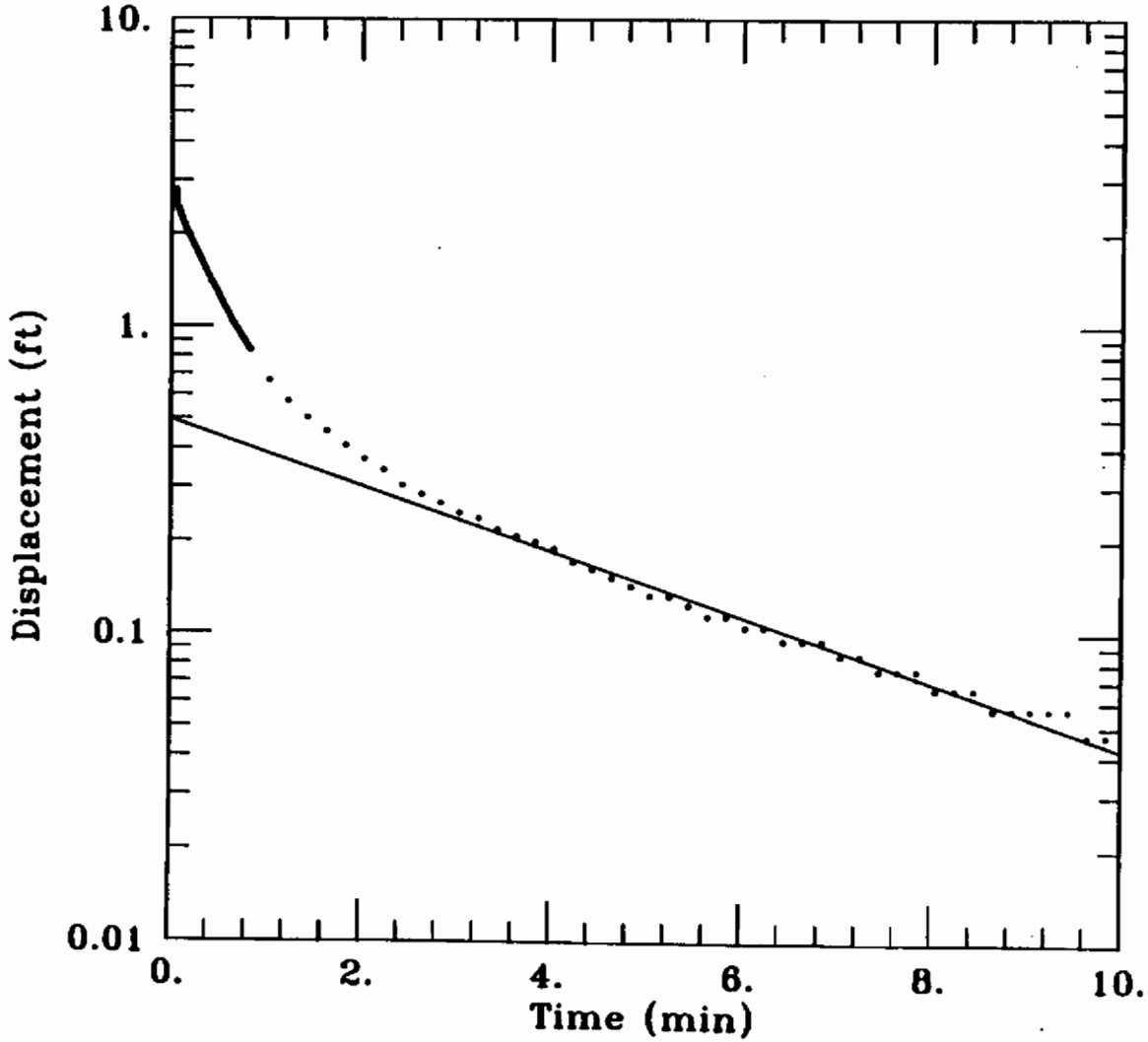
TEST DATA:
H0 = 2.6 ft
rc = 0.08333 ft
rw = 0.333 ft
L = 9. ft
b = 12. ft
H = 9. ft

PARAMETER ESTIMATES:
K = 0.0001873 ft/min
y0 = 0.4059 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH014001 Rising Head Slug Test



DATA SET:
1401RIS.AQT
01/11/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

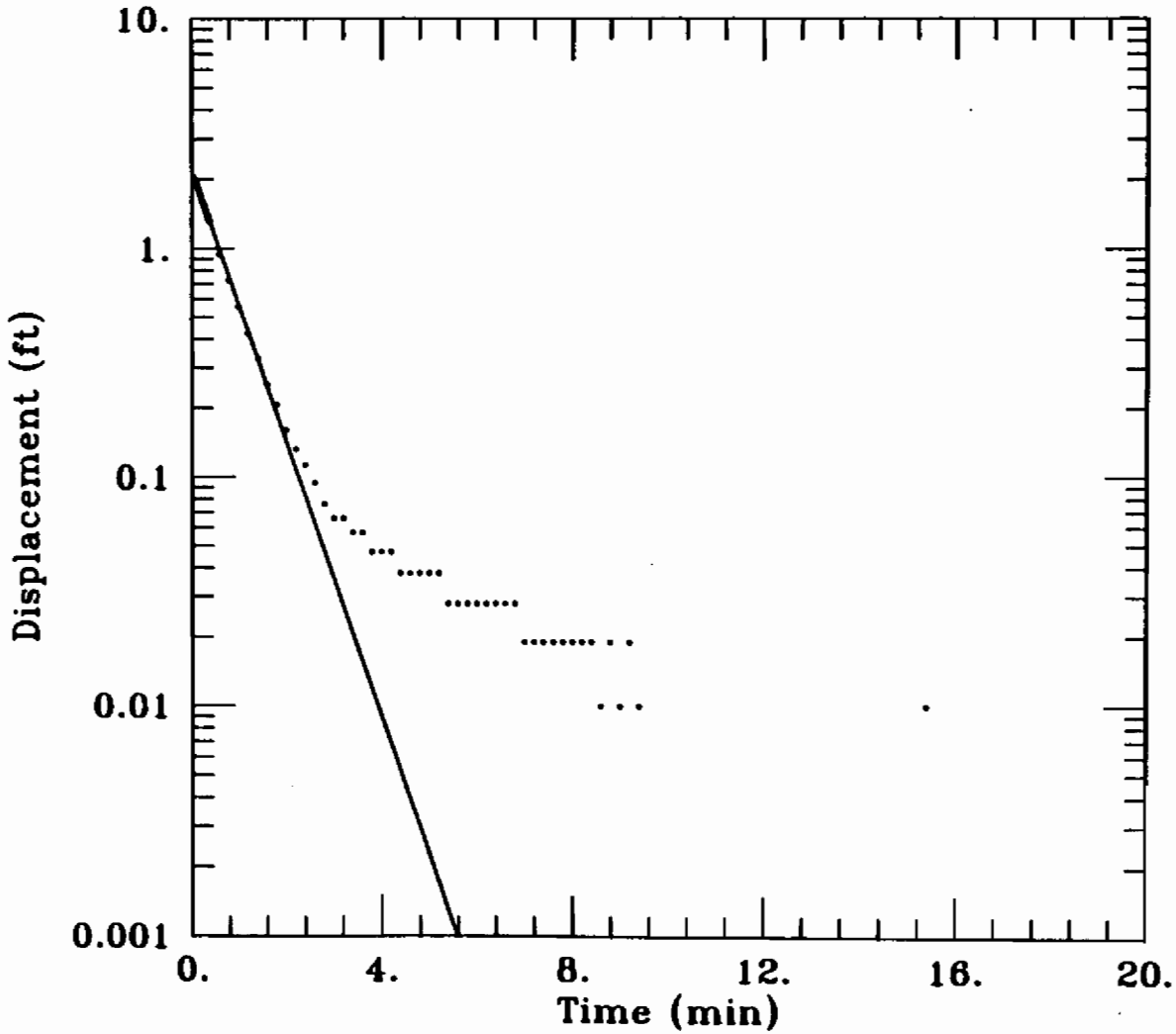
TEST DATA:
H0 = 2.6 ft
rc = 0.08333 ft
rw = 0.333 ft
L = 9. ft
b = 12. ft
H = 9. ft

PARAMETER ESTIMATES:
K = 0.0002107 ft/min
y0 = 0.4981 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH014002 Falling Head Slug Test



DATA SET:
1402FAL.AQT
01/12/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

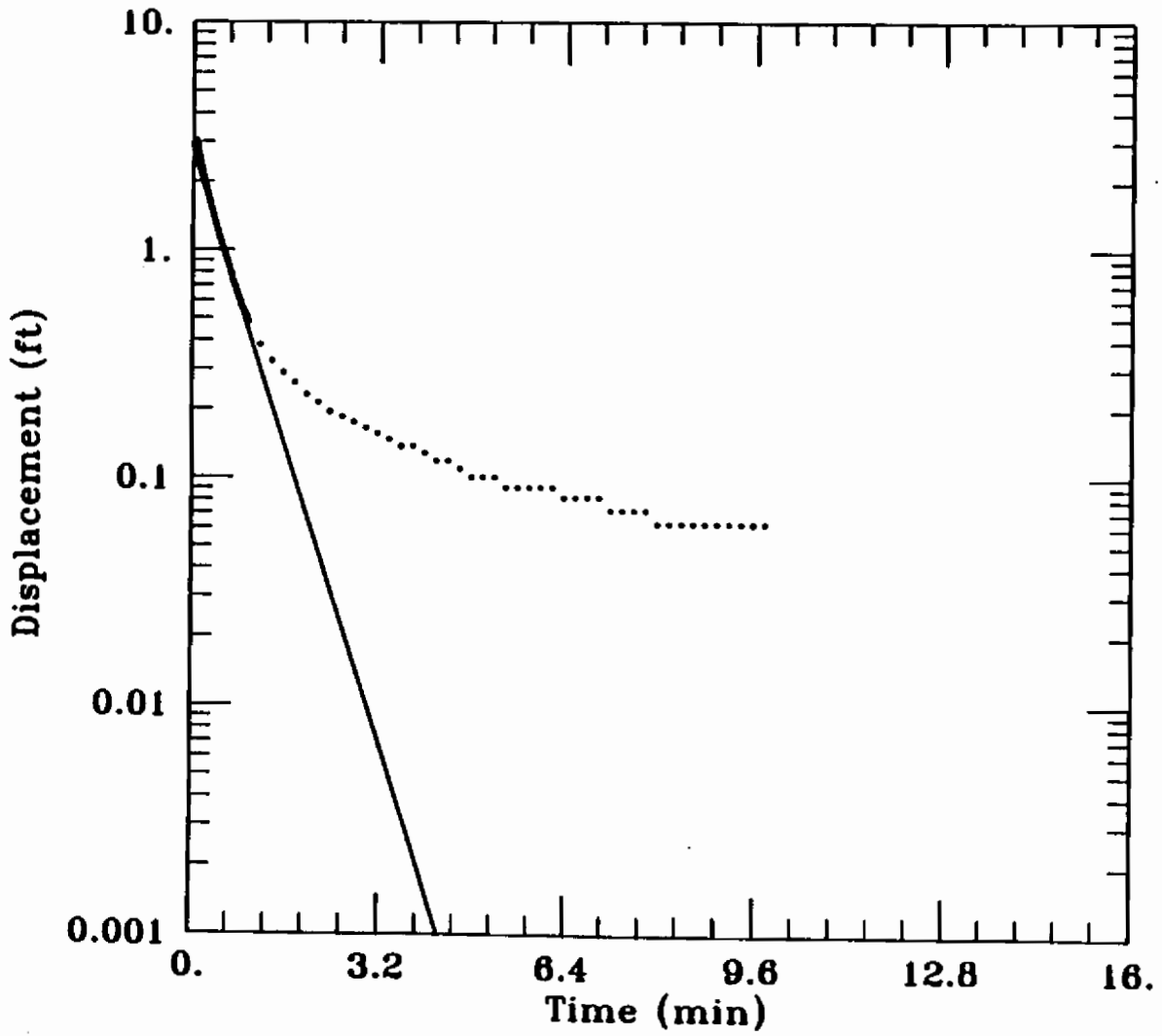
TEST DATA:
H0 = 2.9 ft
rc = 0.08333 ft
rw = 0.333 ft
L = 9. ft
b = 12. ft
H = 9. ft

PARAMETER ESTIMATES:
K = 0.001177 ft/min
y0 = 2.203 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH014002 Rising Head Slug Test



DATA SET:
1402RIS.AQT
01/12/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

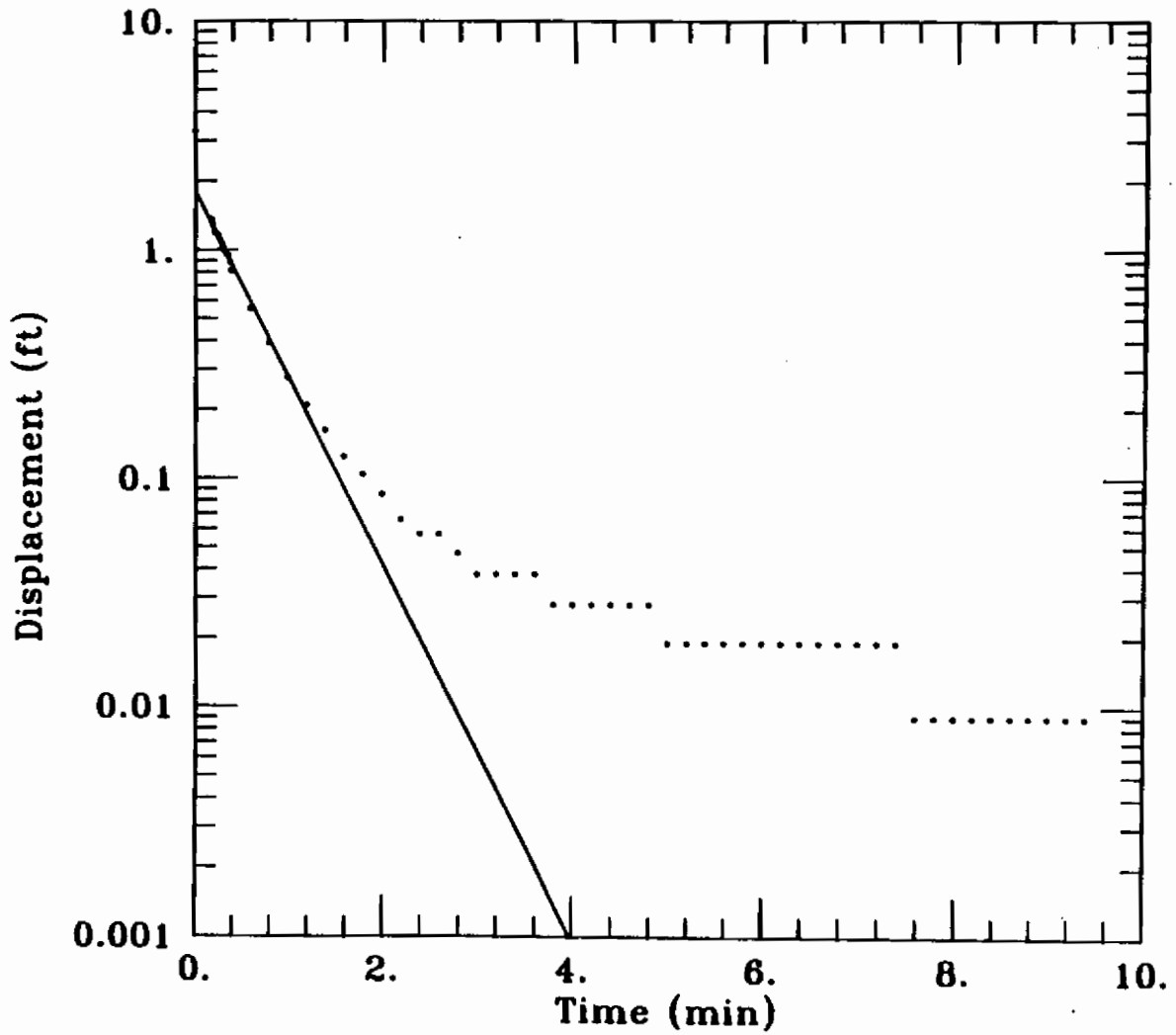
TEST DATA:
H0 = 2.9 ft
rc = 0.08333 ft
rw = 0.333 ft
L = 9. ft
b = 12. ft
H = 9. ft

PARAMETER ESTIMATES:
K = 0.001596 ft/min
y0 = 2.699 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH014005 Falling Head Slug Test



DATA SET:
1405FAL.AQT
01/12/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

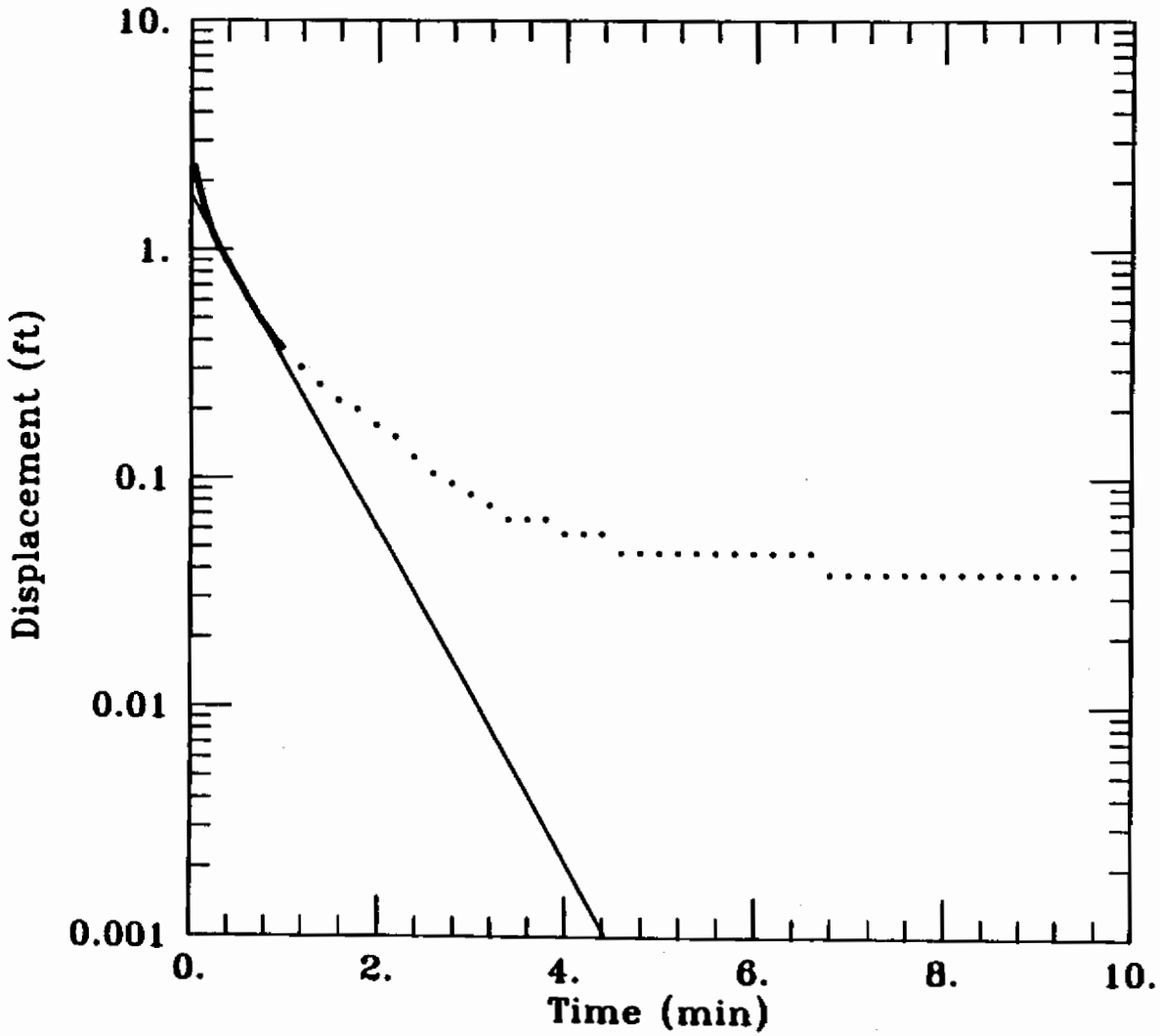
TEST DATA:
H0 = 3.3 ft
rc = 0.08333 ft
rw = 0.333 ft
L = 10. ft
b = 12. ft
H = 10. ft

PARAMETER ESTIMATES:
K = 0.00153 ft/min
y0 = 1.798 ft

AQTESOLV

Client: CLEAN	Company: E/A&H
Location: NAS CHARLESTON	Project: 2908-08450

NBCH014005 Rising Head Slug Test



DATA SET:
1405RIS.AQT
01/12/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

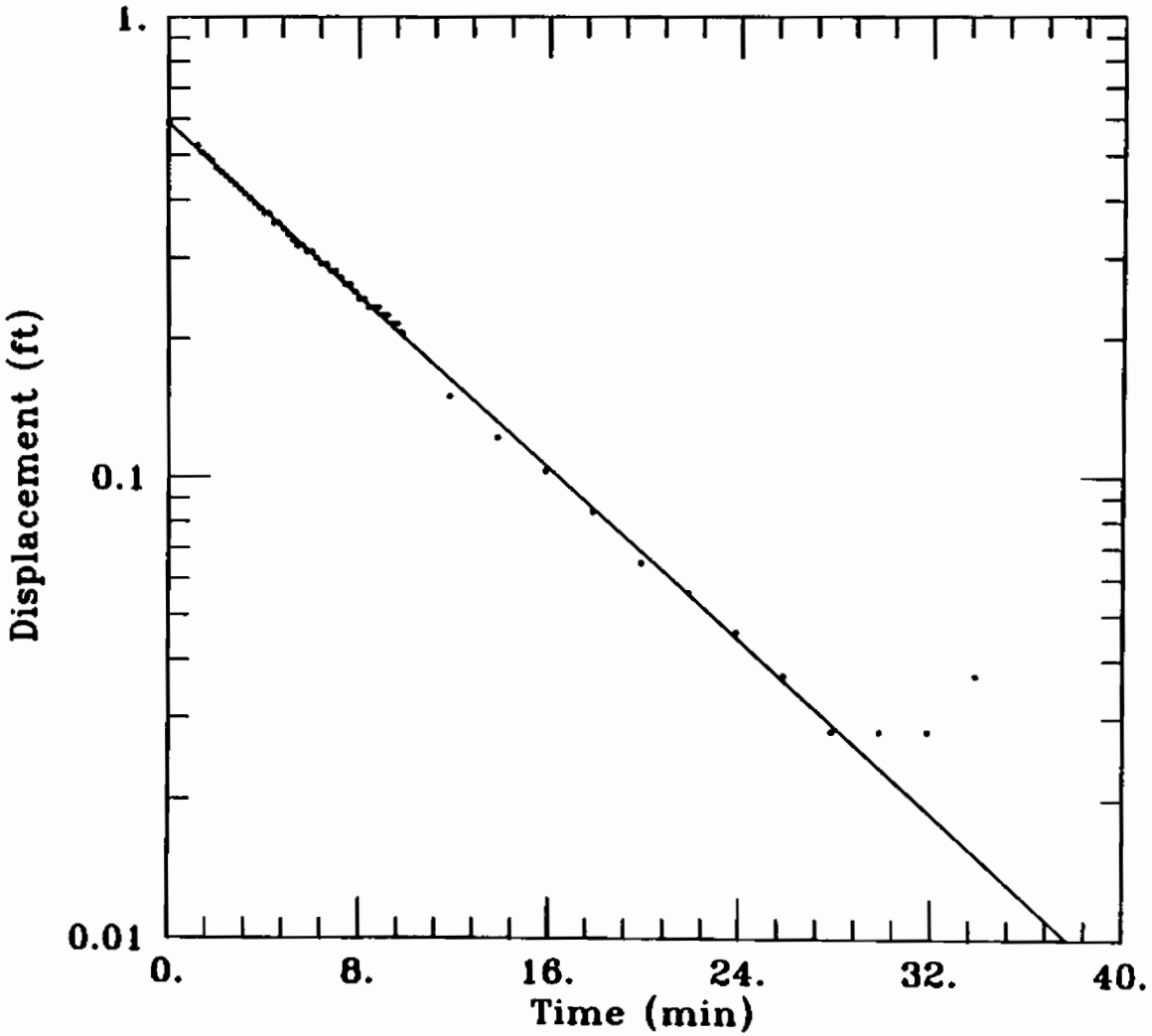
TEST DATA:
H0 = 3. ft
rc = 0.08333 ft
rw = 0.333 ft
L = 10. ft
b = 12. ft
H = 10. ft

PARAMETER ESTIMATES:
K = 0.001365 ft/min
y0 = 1.747 ft

AQTES

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH017001 Falling Head Slug Test



DATA SET:
1701FAL.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

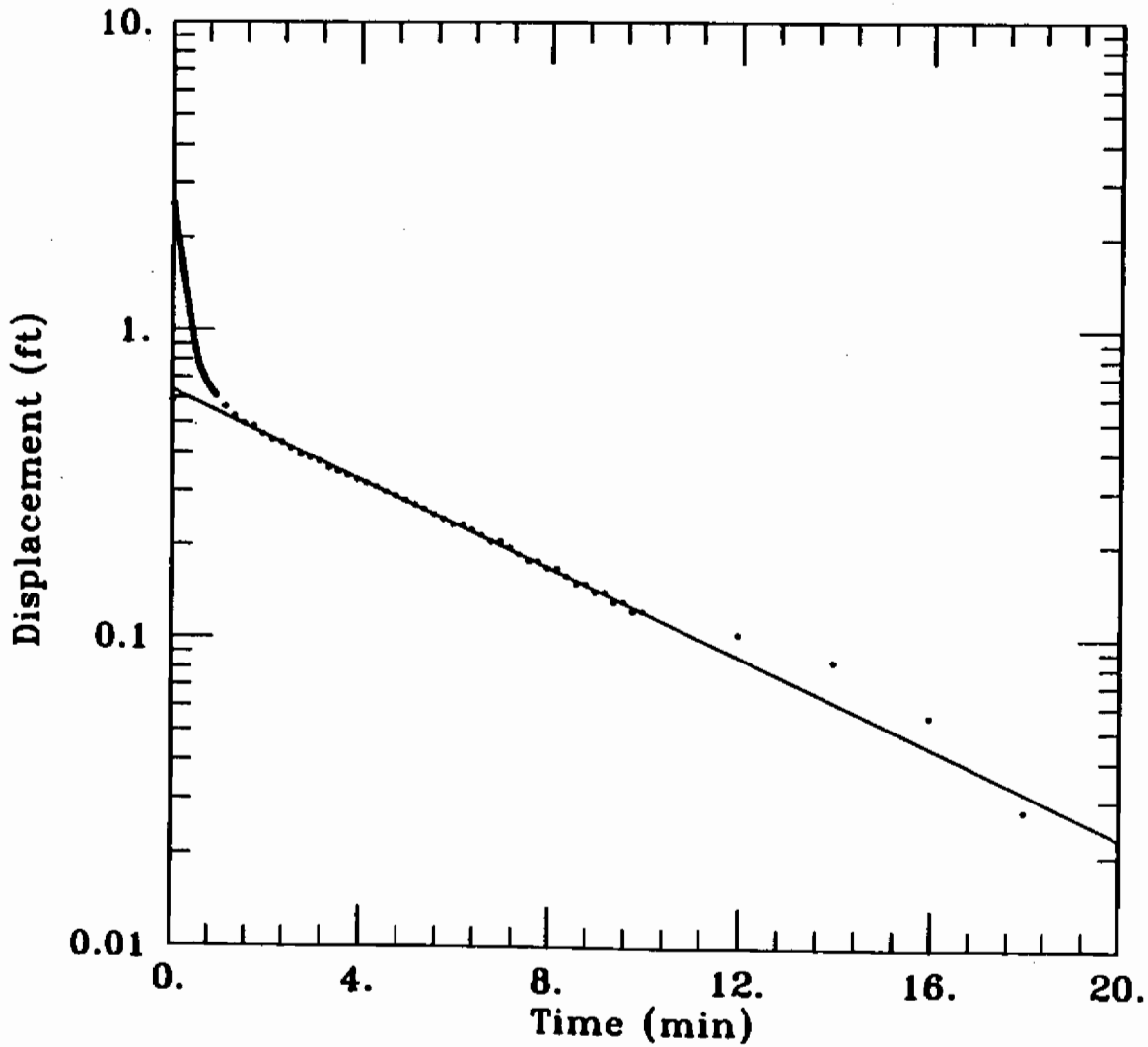
TEST DATA:
H0 = 0.5886 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 7.5 ft
b = 12. ft
H = 7.5 ft

PARAMETER ESTIMATES:
K = 0.0004824 ft/min
y0 = 0.5886 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH017001 Rising Head Slug Test



DATA SET:
1701RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

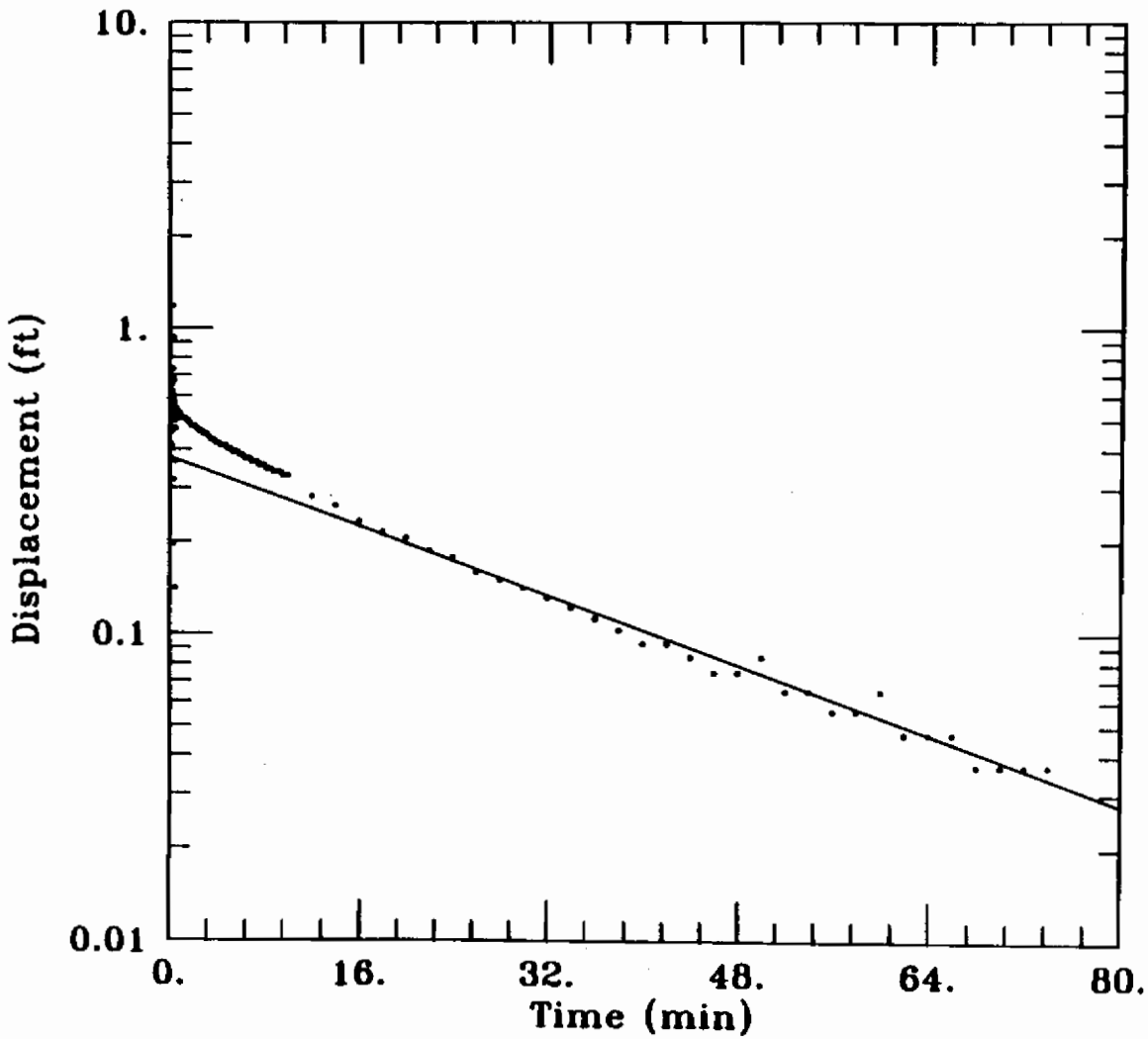
TEST DATA:
H0 = 0.5886 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 7.5 ft
b = 12. ft
H = 7.5 ft

PARAMETER ESTIMATES:
K = 0.0007444 ft/min
y0 = 0.6388 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH178001 Falling Head Slug Test



DATA SET:
17801FAL.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

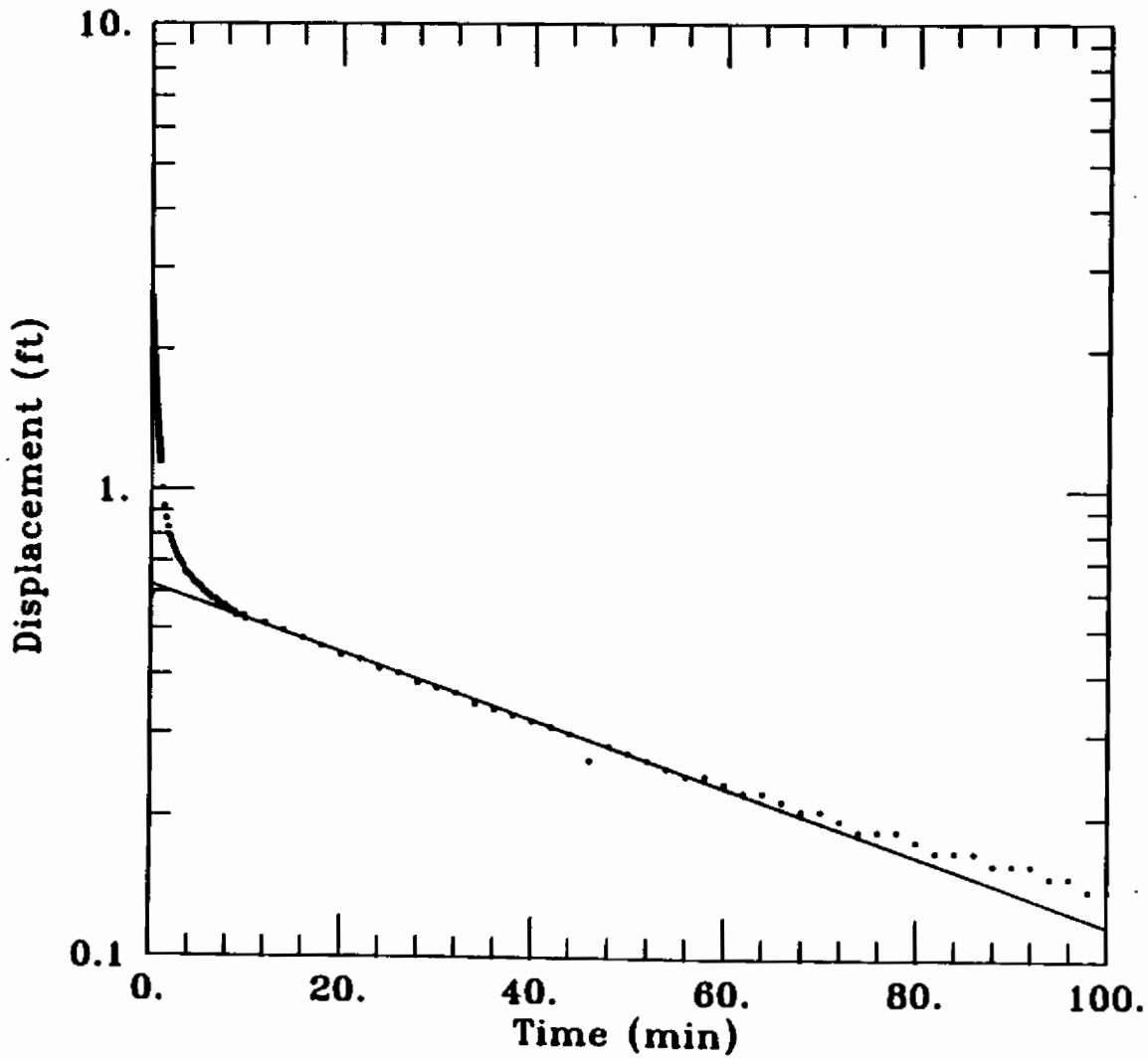
TEST DATA:
H0 = 0.5886 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 8. ft
b = 12. ft
H = 8. ft

PARAMETER ESTIMATES:
K = 0.0001409 ft/min
y0 = 0.378 ft

AQTESOL

Client: CLEAN	Company: E/A&H
Location: NAS CHARLESTON	Project: 2908-08450

NBCH178001 Rising Head Slug Test



DATA SET:
17801RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

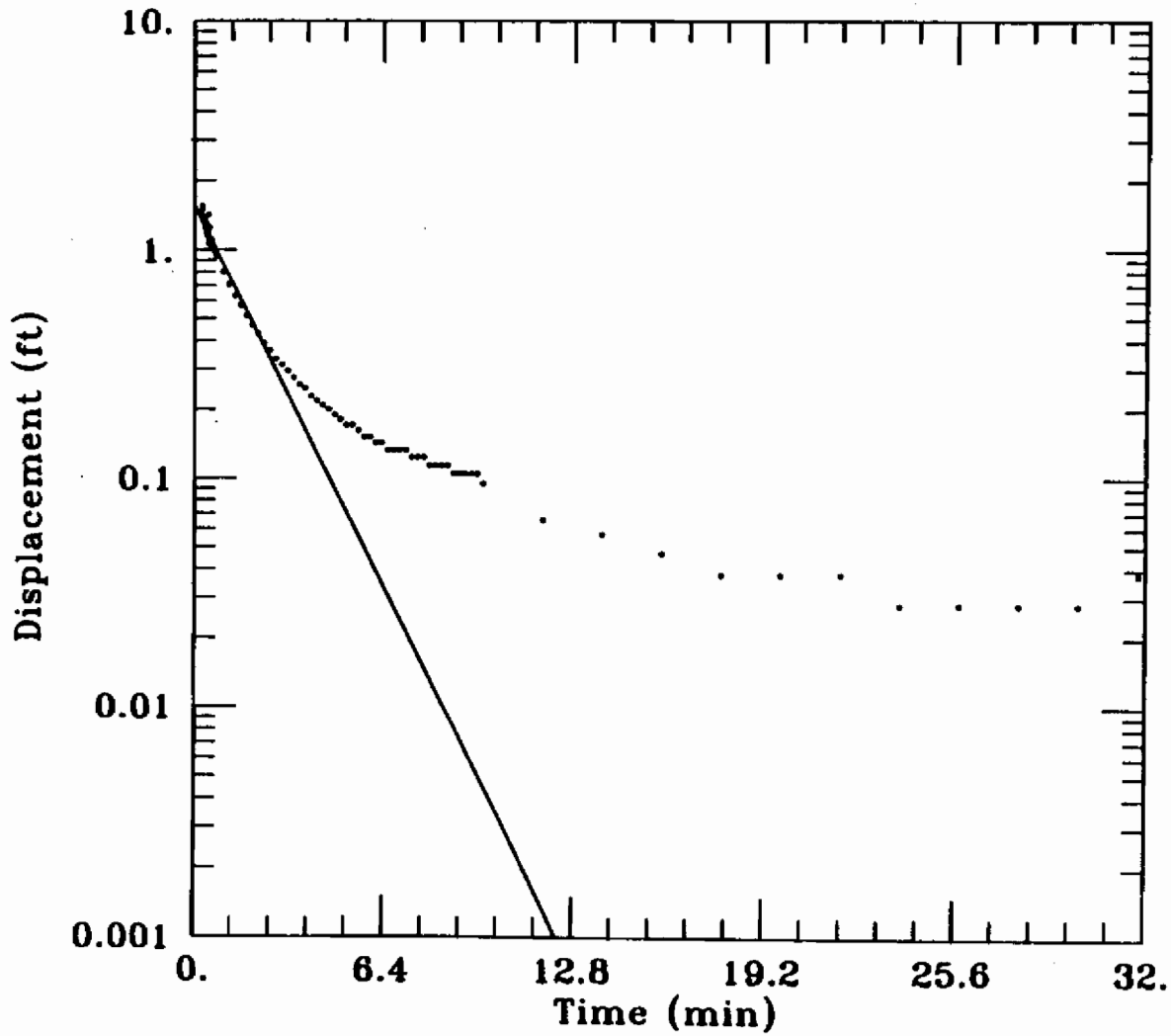
TEST DATA:
H0 = 0.5886 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 8. ft
b = 12. ft
H = 8. ft

PARAMETER ESTIMATES:
K = 7.17E-05 ft/min
y0 = 0.6229 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH653001 Falling Head Slug Test



DATA SET:
65301FAL.AQT
01/12/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

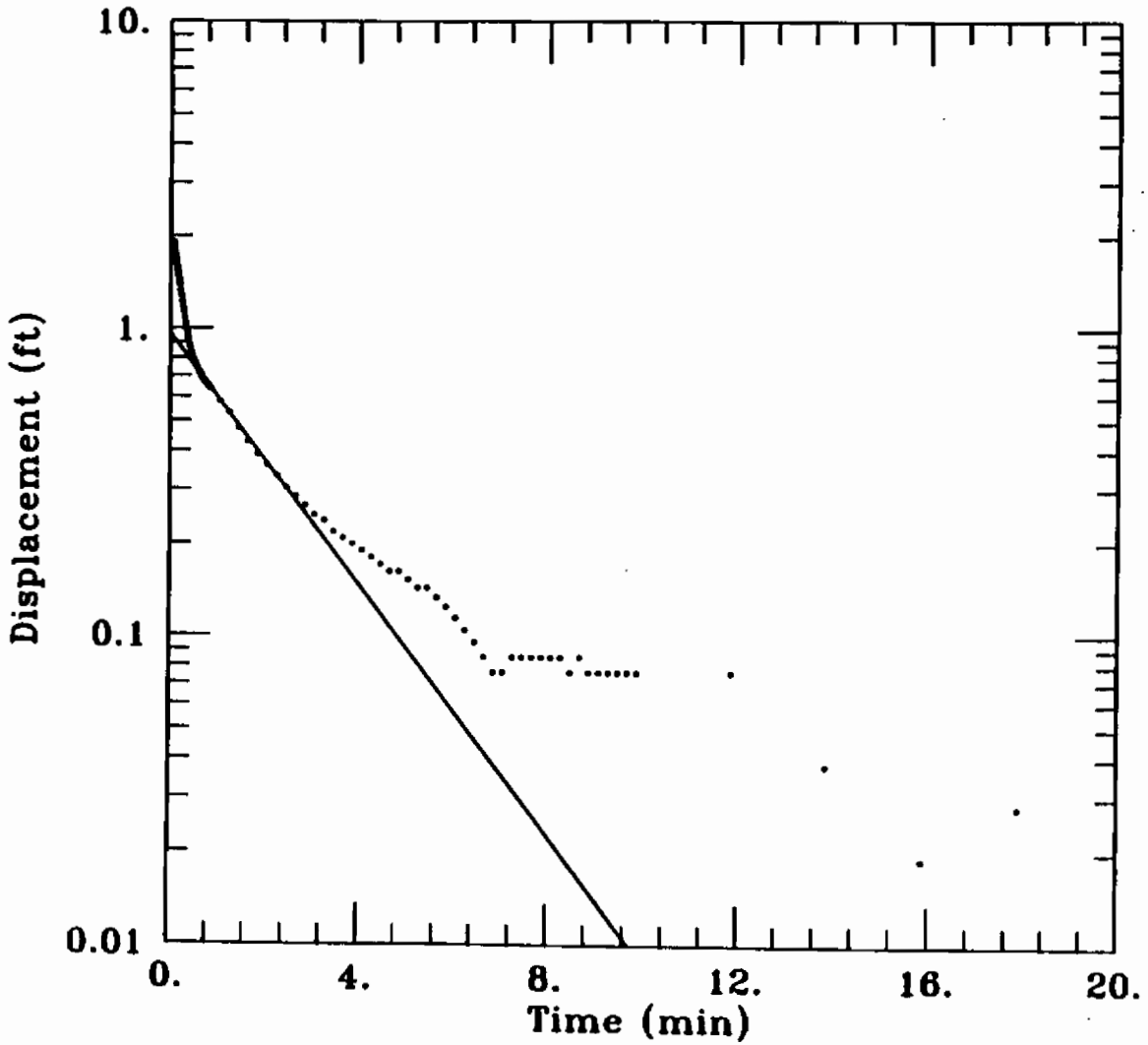
TEST DATA:
H0 = 3. ft
rc = 0.08333 ft
rw = 0.333 ft
L = 10. ft
b = 12. ft
H = 10.5 ft

PARAMETER ESTIMATES:
K = 0.0004942 ft/min
y0 = 1.547 ft

AQTESOL

Client: CLEAN	Company: E/A&H
Location: NAS CHARLESTON	Project: 2908-08450

NBCH653001 Rising Head Slug Test



DATA SET:
65301RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

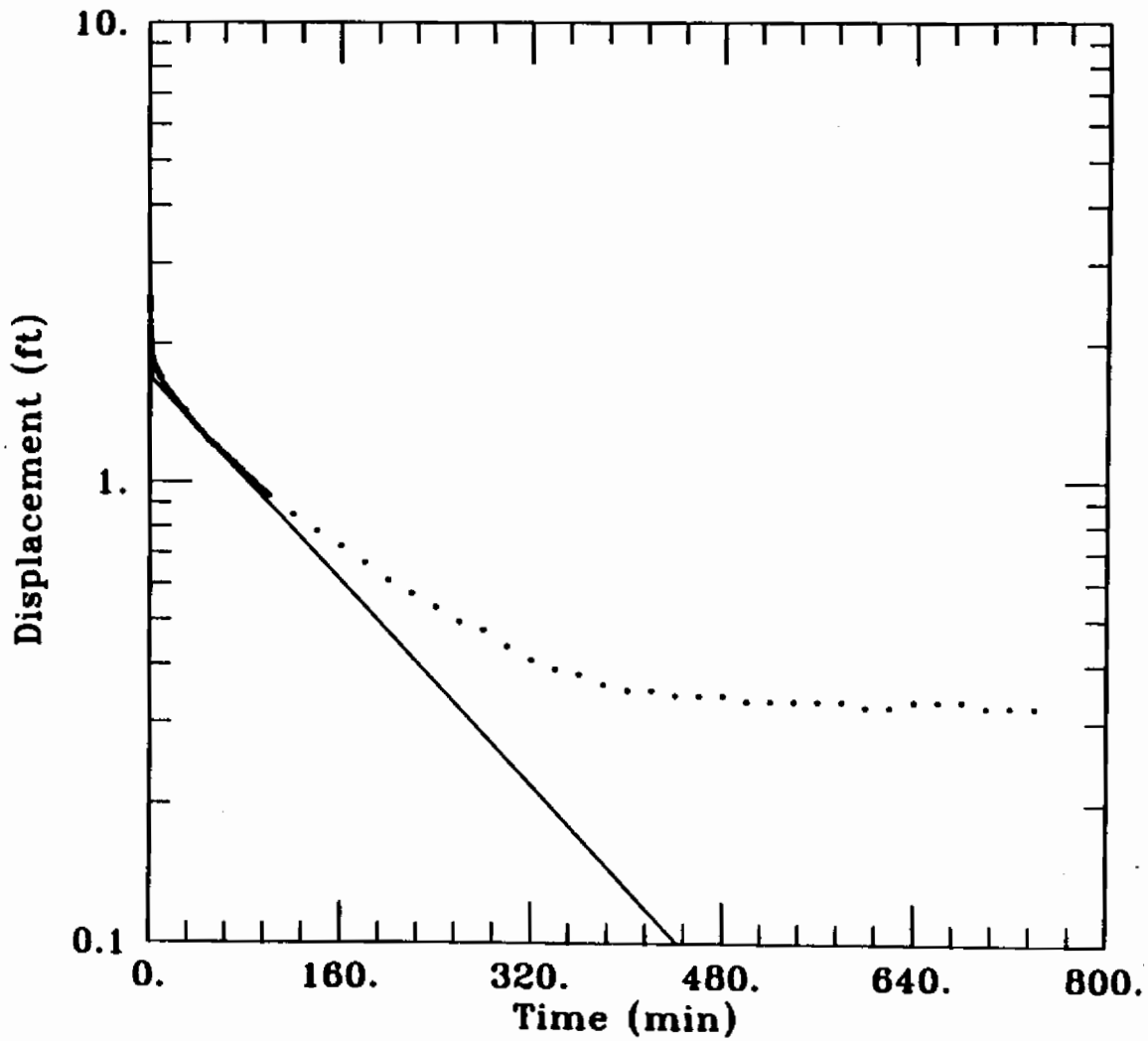
TEST DATA:
H0 = 3. ft
rc = 0.08333 ft
rw = 0.333 ft
L = 10. ft
b = 12. ft
H = 10.5 ft

PARAMETER ESTIMATES:
K = 0.0003881 ft/min
y0 = 0.9621 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH655001 Falling Head Slug Test



DATA SET:
65501FAL.AQT
01/13/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

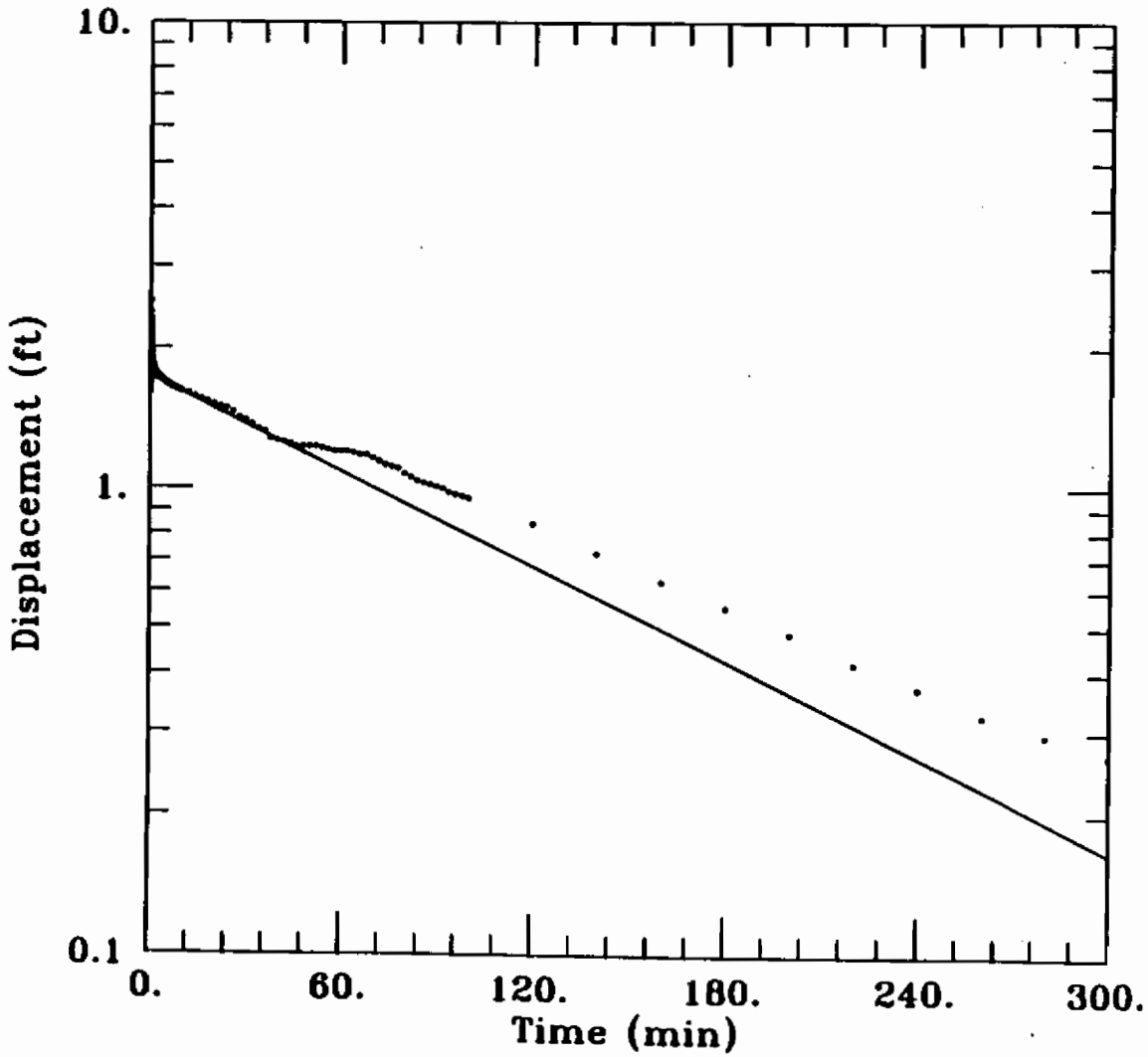
TEST DATA:
H0 = 0.5886 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 10. ft
b = 12. ft
H = 11. ft

PARAMETER ESTIMATES:
K = 5.411E-06 ft/min
y0 = 1.696 ft

AQTESOLV

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH655001 Rising Head Slug Test



DATA SET:
65501RIS.AQT
01/13/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

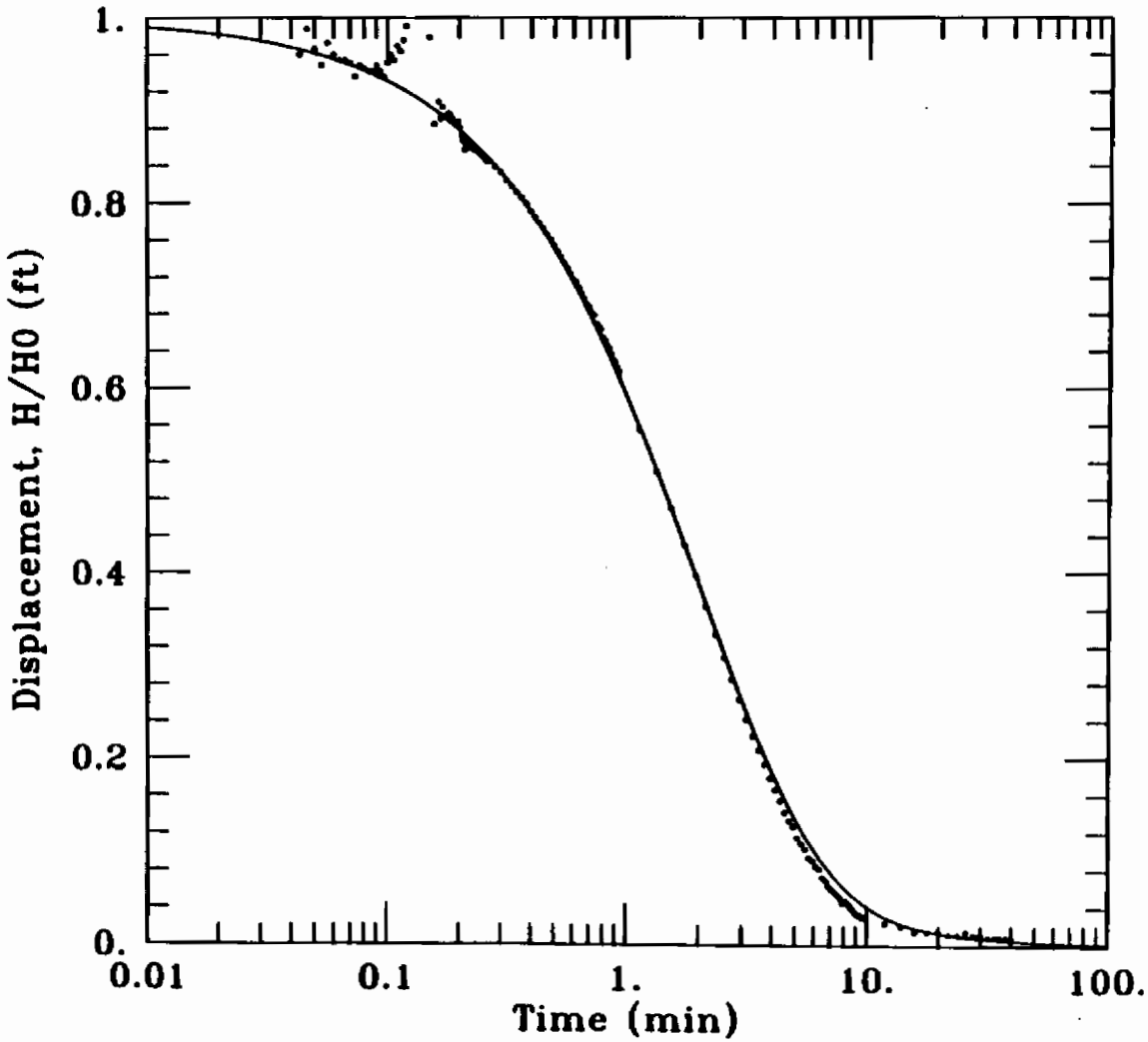
TEST DATA:
H0 = 1.68 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 10. ft
b = 12. ft
H = 11. ft

PARAMETER ESTIMATES:
K = 6.621E-06 ft/min
y0 = 1.738 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCHGDH05D Rising Head Slug Test



DATA SET:
GDH5DRIS.AQT
01/13/95

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Cooper et al.

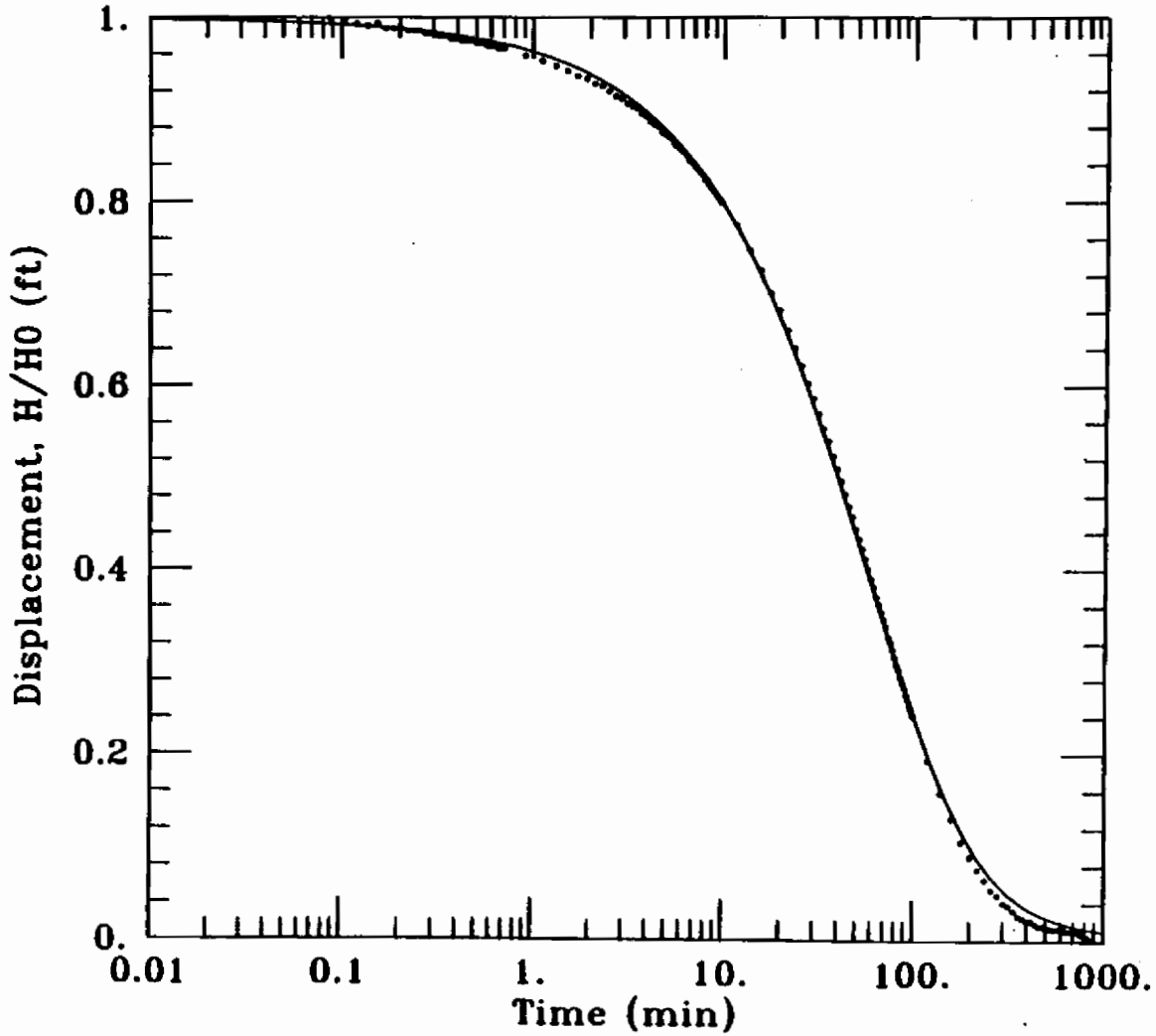
TEST DATA:
H0 = 3.1 ft
rc = 0.08333 ft
rw = 0.25 ft

PARAMETER ESTIMATES:
T = 0.008884 ft^2/min
S = 1.E-05

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH01405D Rising Head Slug Test



DATA SET:
1405DRIS.AQT
01/09/95

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Cooper et al.

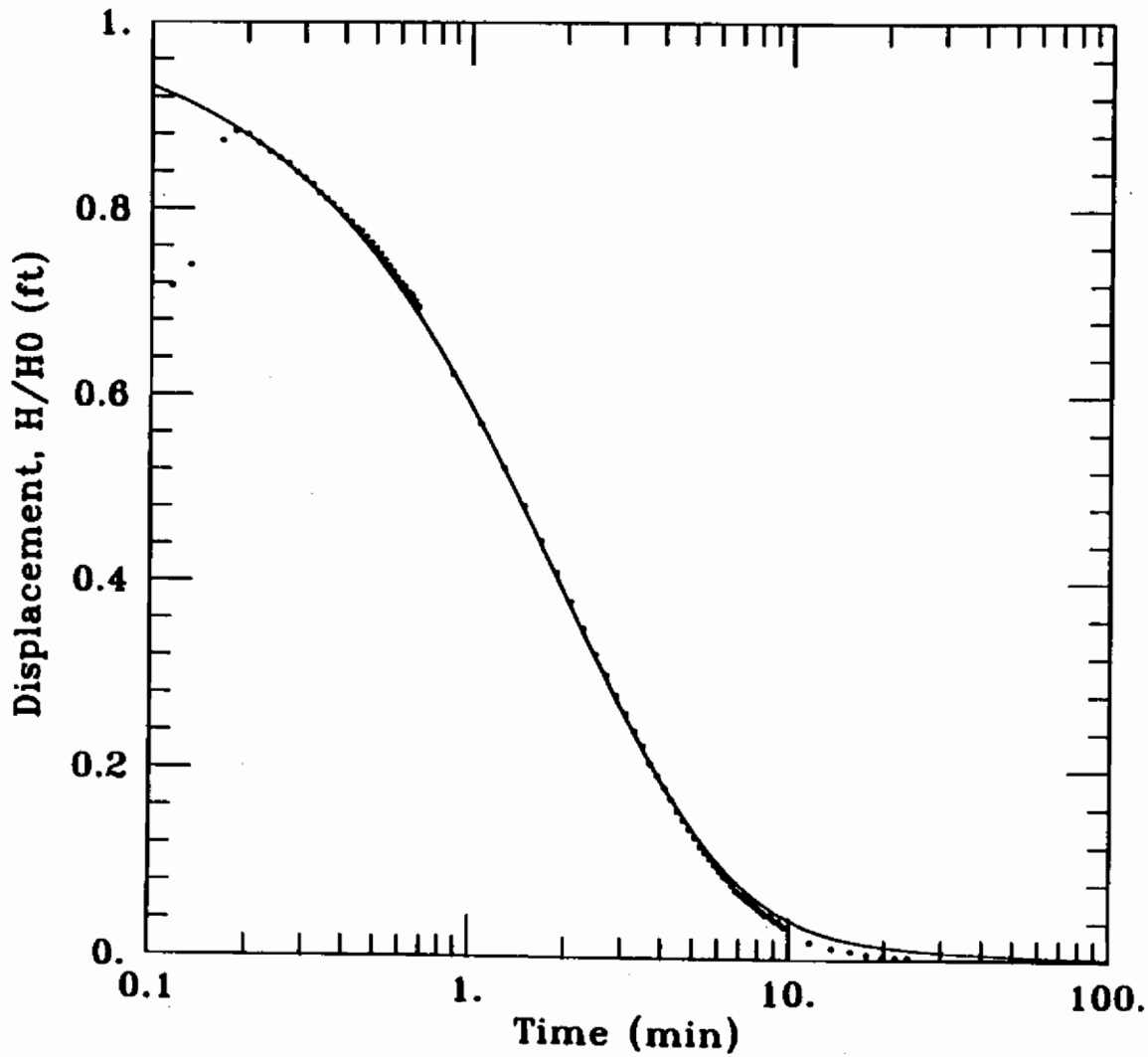
TEST DATA:
H0 = 3.5 ft
rc = 0.08333 ft
rw = 0.25 ft

PARAMETER ESTIMATES:
T = 0.0002059 ft^2/min
S = 0.0002008

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCHGDH05D Falling Head Slug Test



DATA SET:
GDH5DFAL.AQT
01/13/95

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Cooper et al.

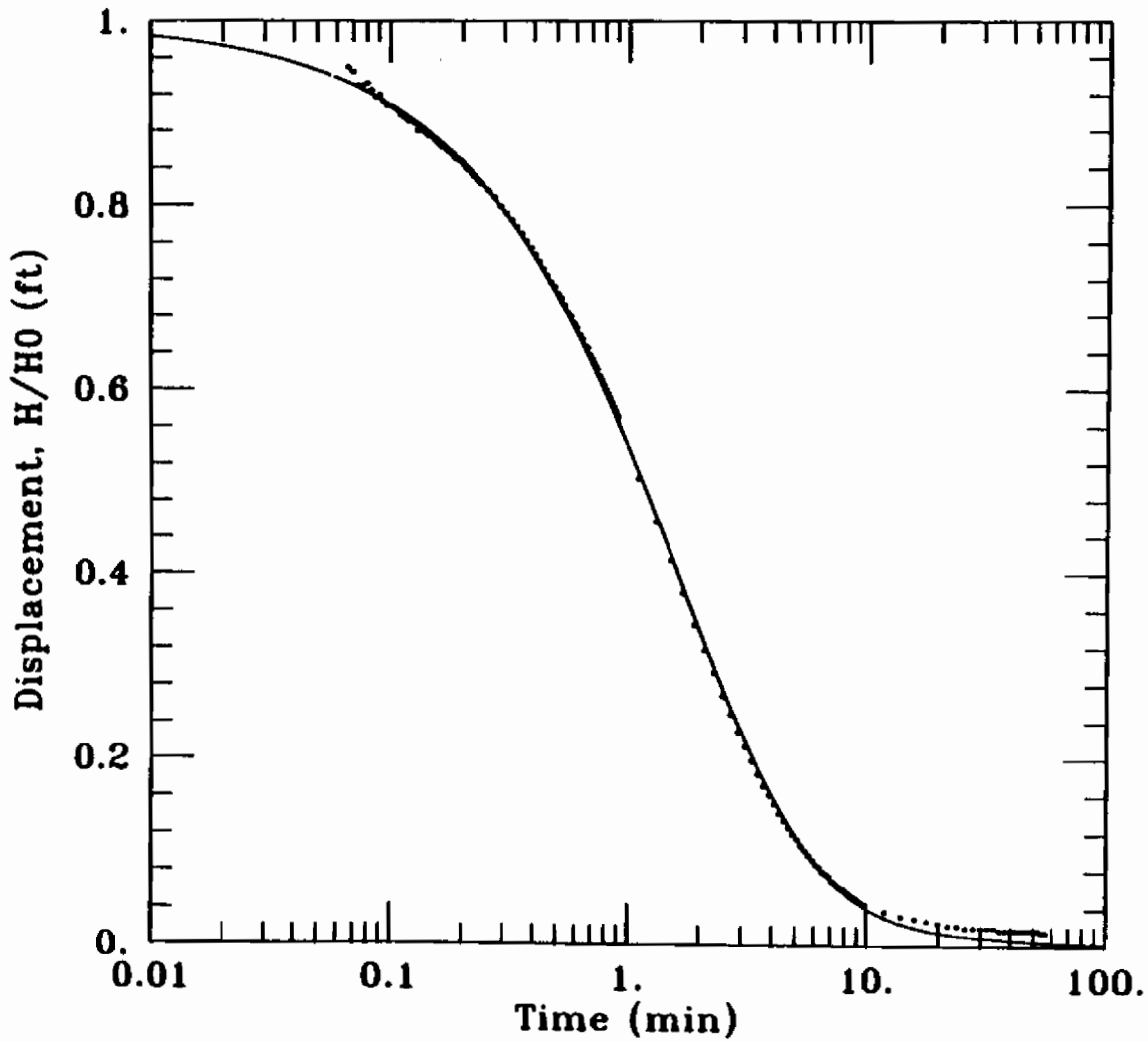
TEST DATA:
H0 = 3. ft
rc = 0.08333 ft
rw = 0.25 ft

PARAMETER ESTIMATES:
T = 0.008878 ft^2/min
S = 1.E-05

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH01402D Rising Head Slug Test



DATA SET:
1402DRIS.AQT
01/06/95

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Cooper et al.

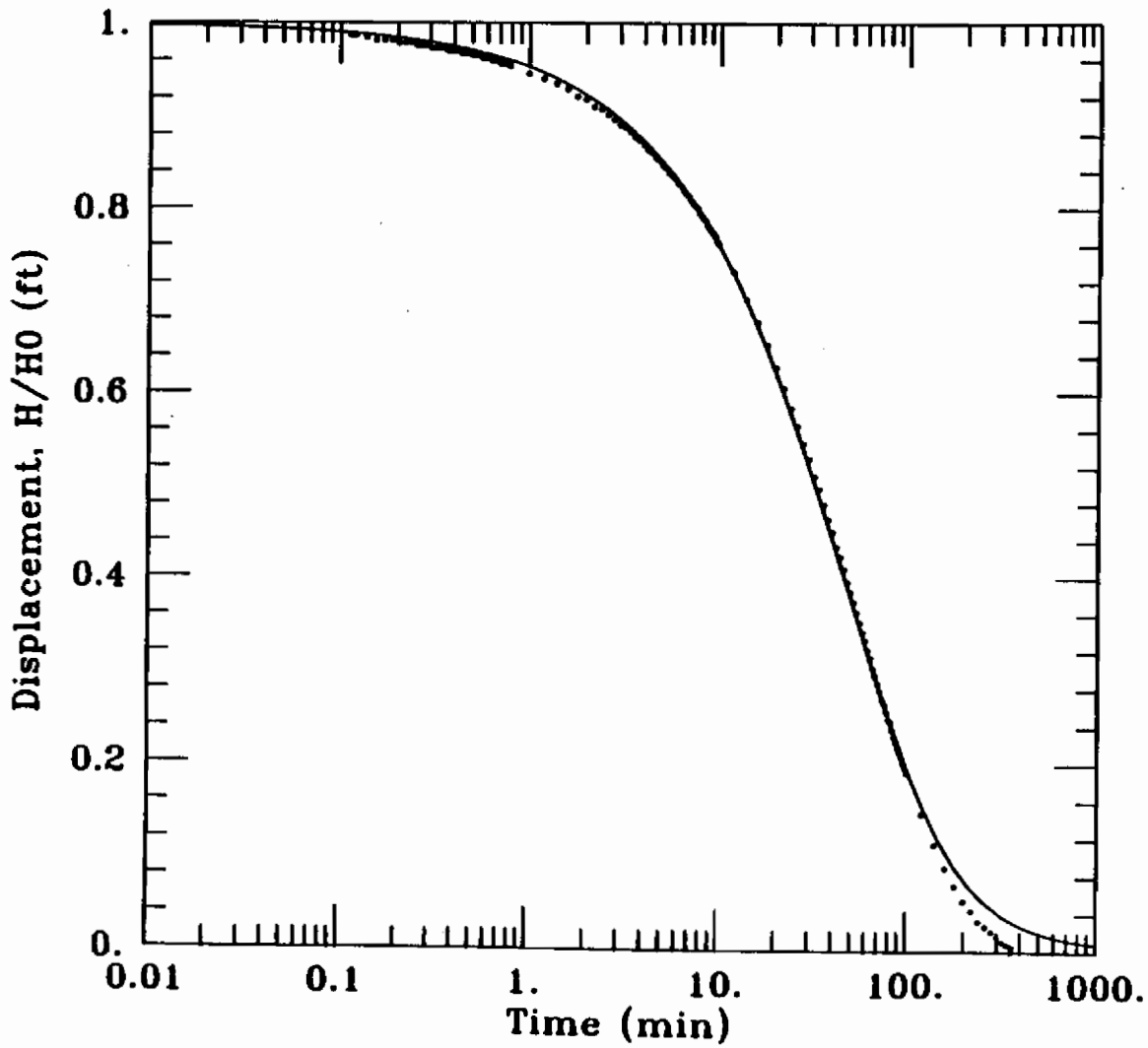
TEST DATA:
H0 = 3.8 ft
rc = 0.08333 ft
rw = 0.25 ft

PARAMETER ESTIMATES:
T = 0.00773 ft^2/min
S = 0.0001275

AQTESOLV

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH01405D Falling Head Slug Test



DATA SET:
1405DFAL.AQT
01/09/95

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Cooper et al.

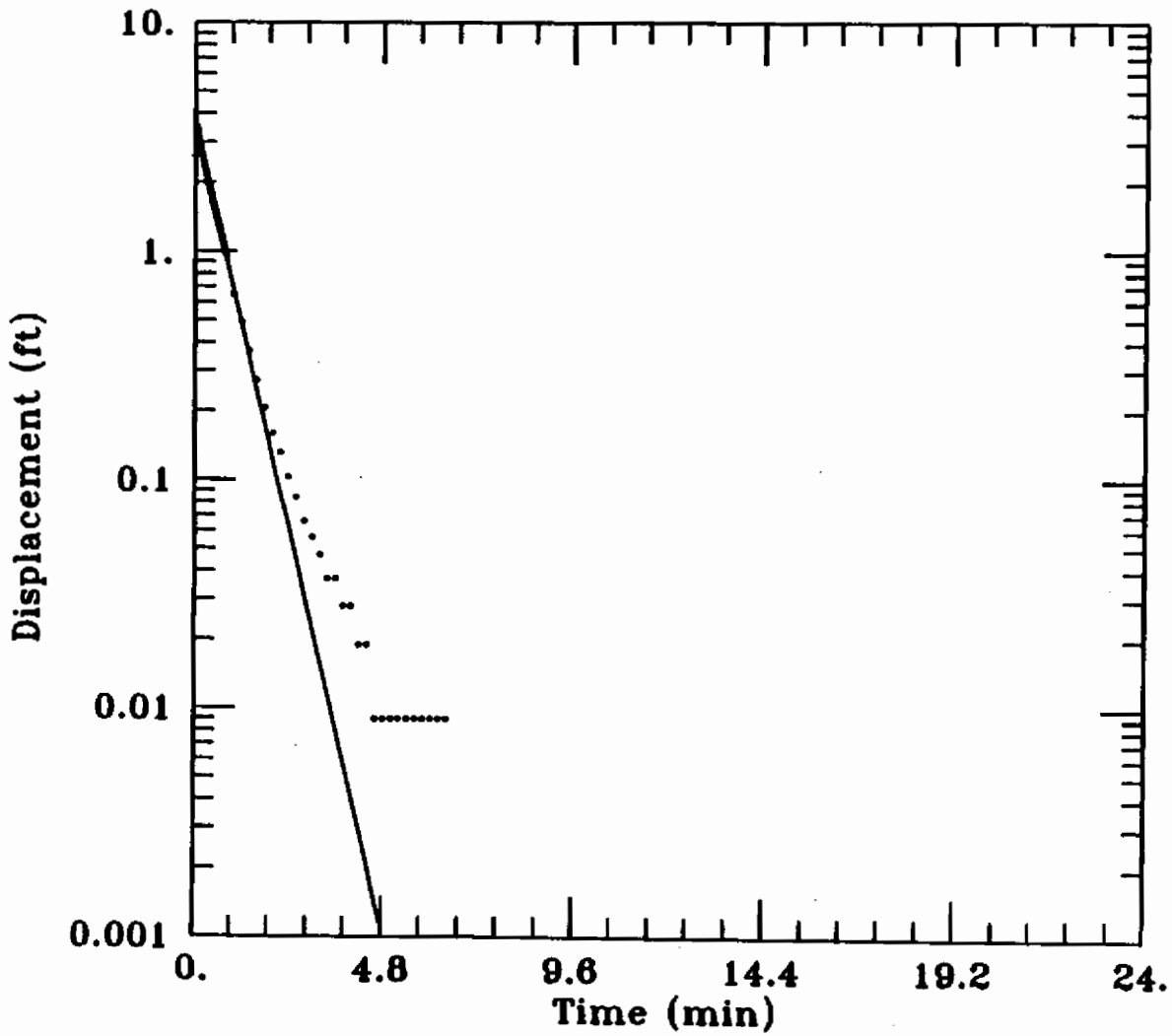
TEST DATA:
H0 = 3.5 ft
rc = 0.08333 ft
rw = 0.25 ft

PARAMETER ESTIMATES:
T = 0.0002339 ft^2/min
S = 0.0003466

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH01401D Rising Head Slug Test



DATA SET:
1401DRIS.AQT
01/06/95

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Bouwer-Rice

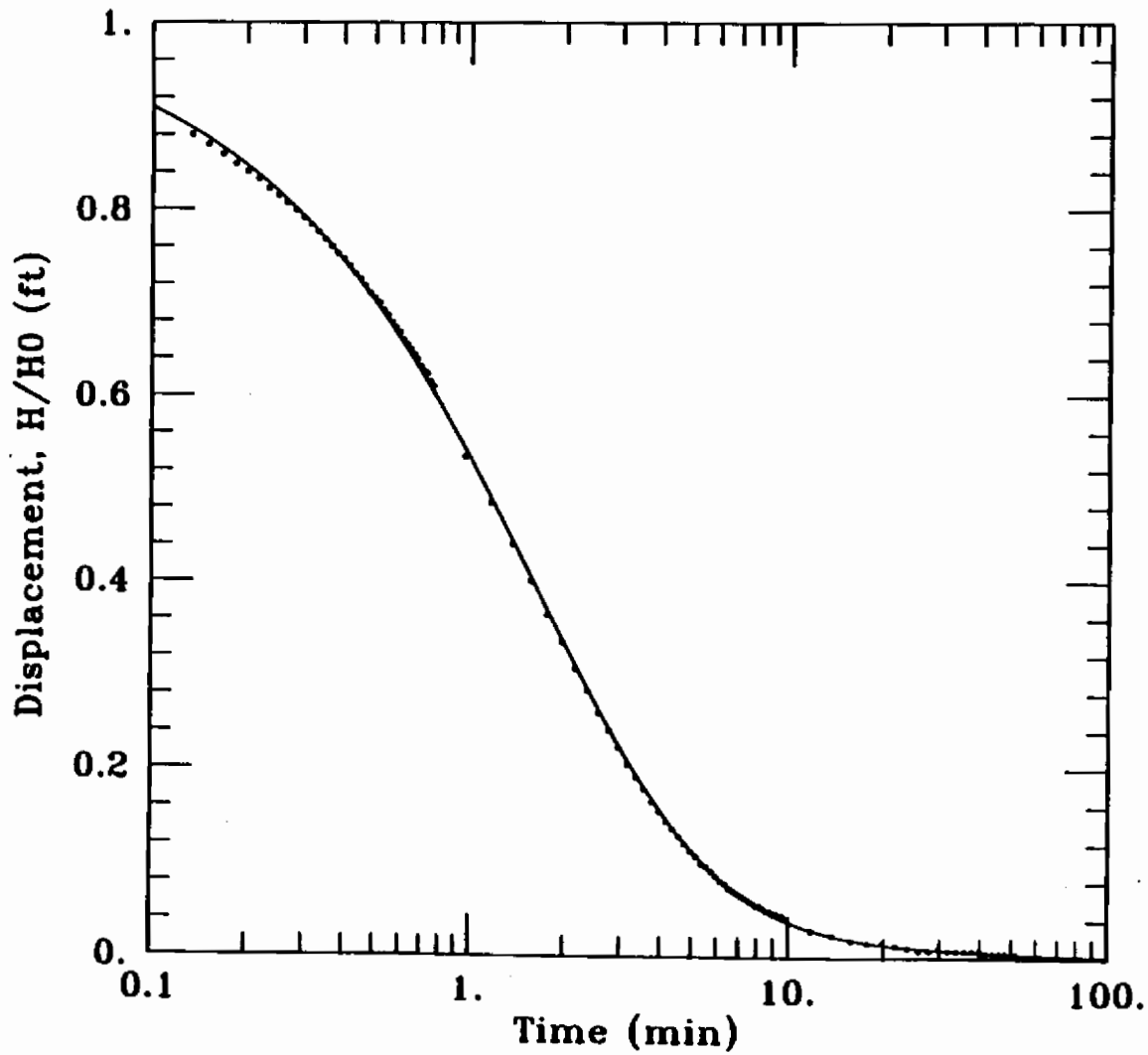
TEST DATA:
H0 = 2.6 ft
rc = 0.08333 ft
rw = 0.25 ft
L = 10. ft
b = 10. ft
H = 10. ft

PARAMETER ESTIMATES:
K = 0.001654 ft/min
y0 = 3.672 ft

AQTESOL

Client: CLEAN	Company: E/A&H
Location: NAS CHARLESTON	Project: 2908-08450

NBCH01402D Falling Head Slug Test



DATA SET:
1402DFAL.AQT
01/06/95

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Cooper et al.

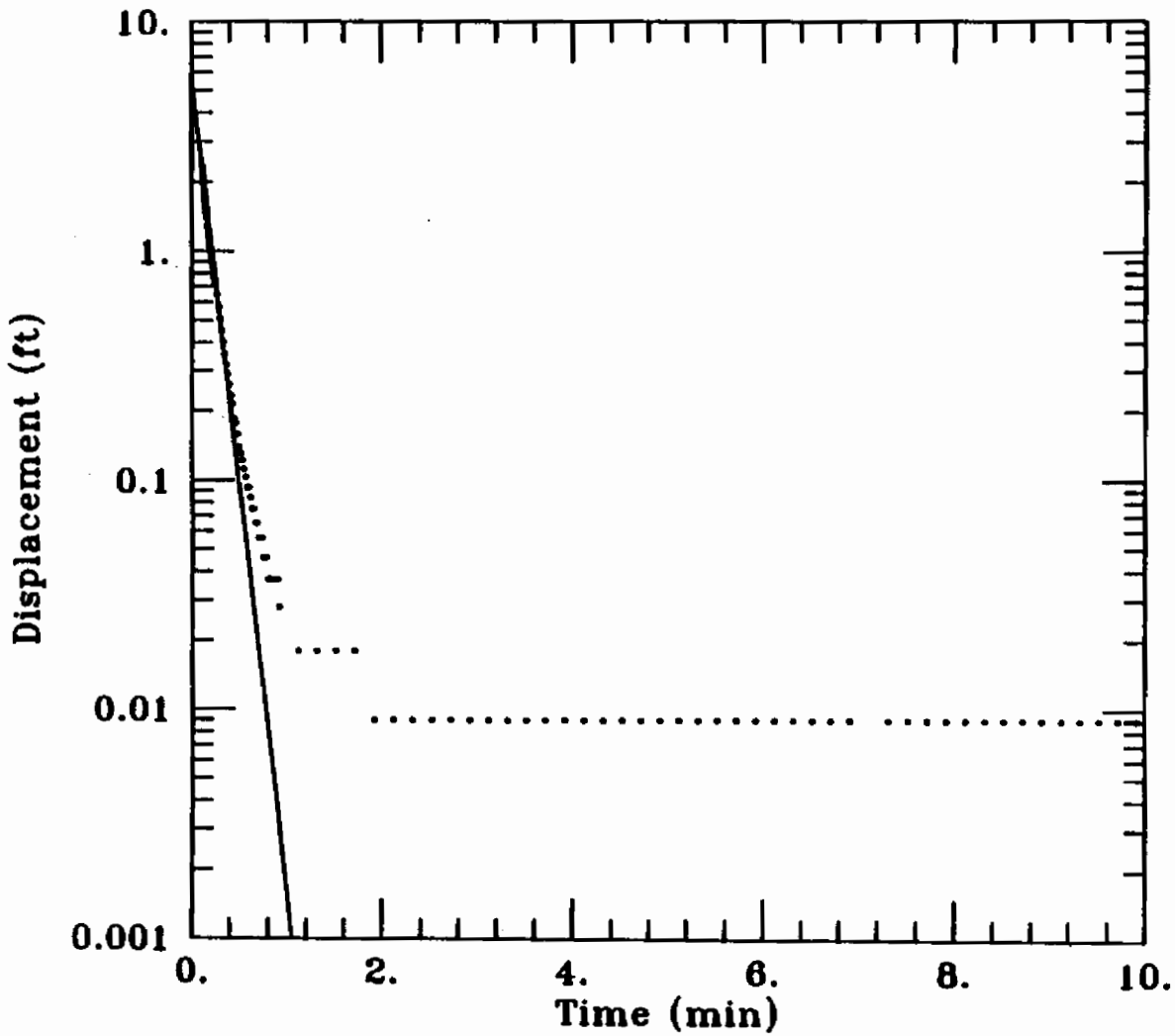
TEST DATA:
H0 = 3.6 ft
rc = 0.08333 ft
rw = 0.25 ft

PARAMETER ESTIMATES:
T = 0.0082 ft^2/min
S = 9.576E-05

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH00907D Rising Head Slug Test



DATA SET:
907DRIS.AQT
01/06/95

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Bouwer-Rice

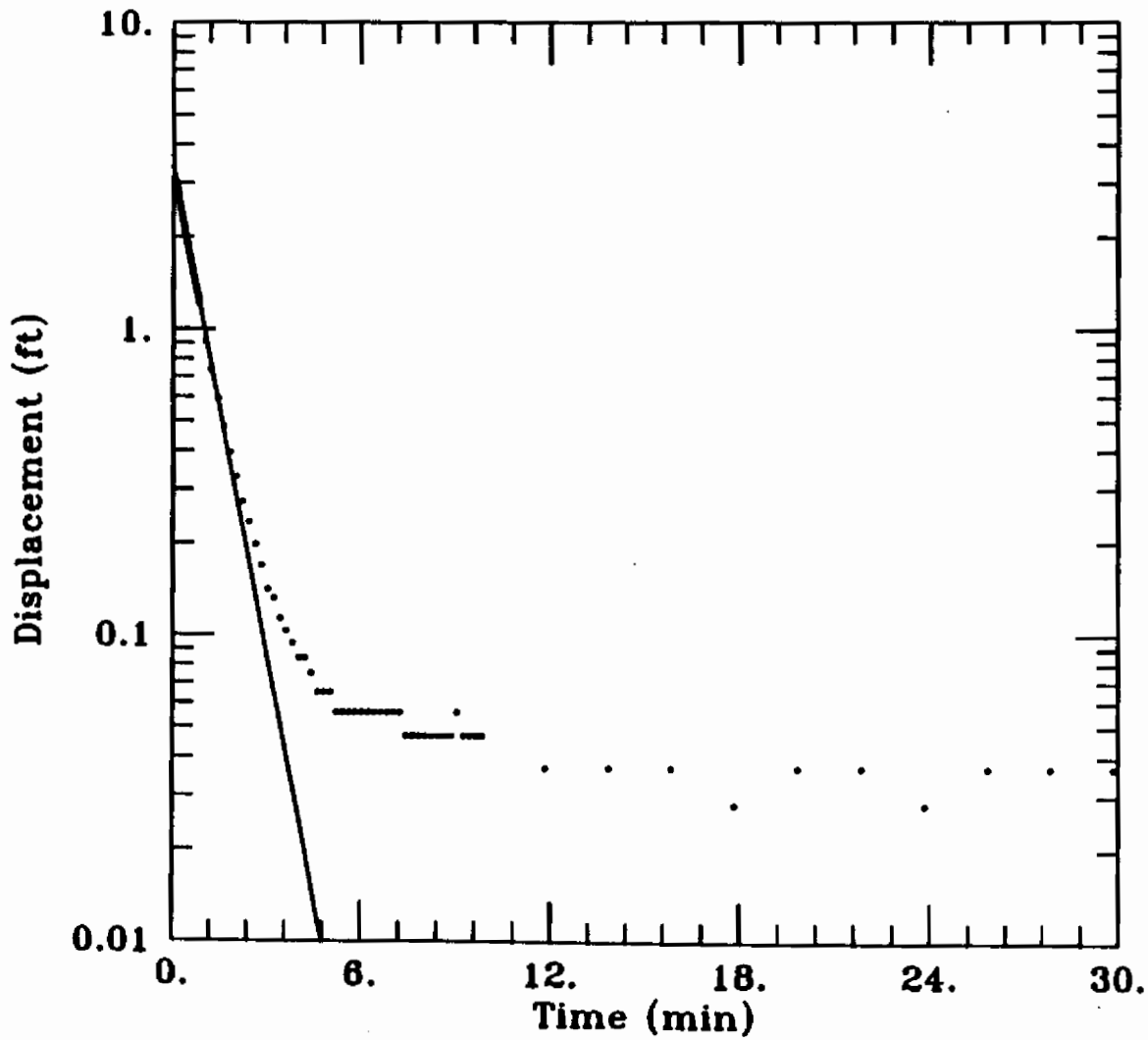
TEST DATA:
H0 = 5. ft
rc = 0.08333 ft
rw = 0.25 ft
L = 10. ft
b = 10. ft
H = 10. ft

PARAMETER ESTIMATES:
K = 0.007994 ft/min
y0 = 5.481 ft

AQTESOLV

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH01401D Falling Head Slug Test



DATA SET:
1401DFAL.AQT
01/06/95

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Bouwer-Rice

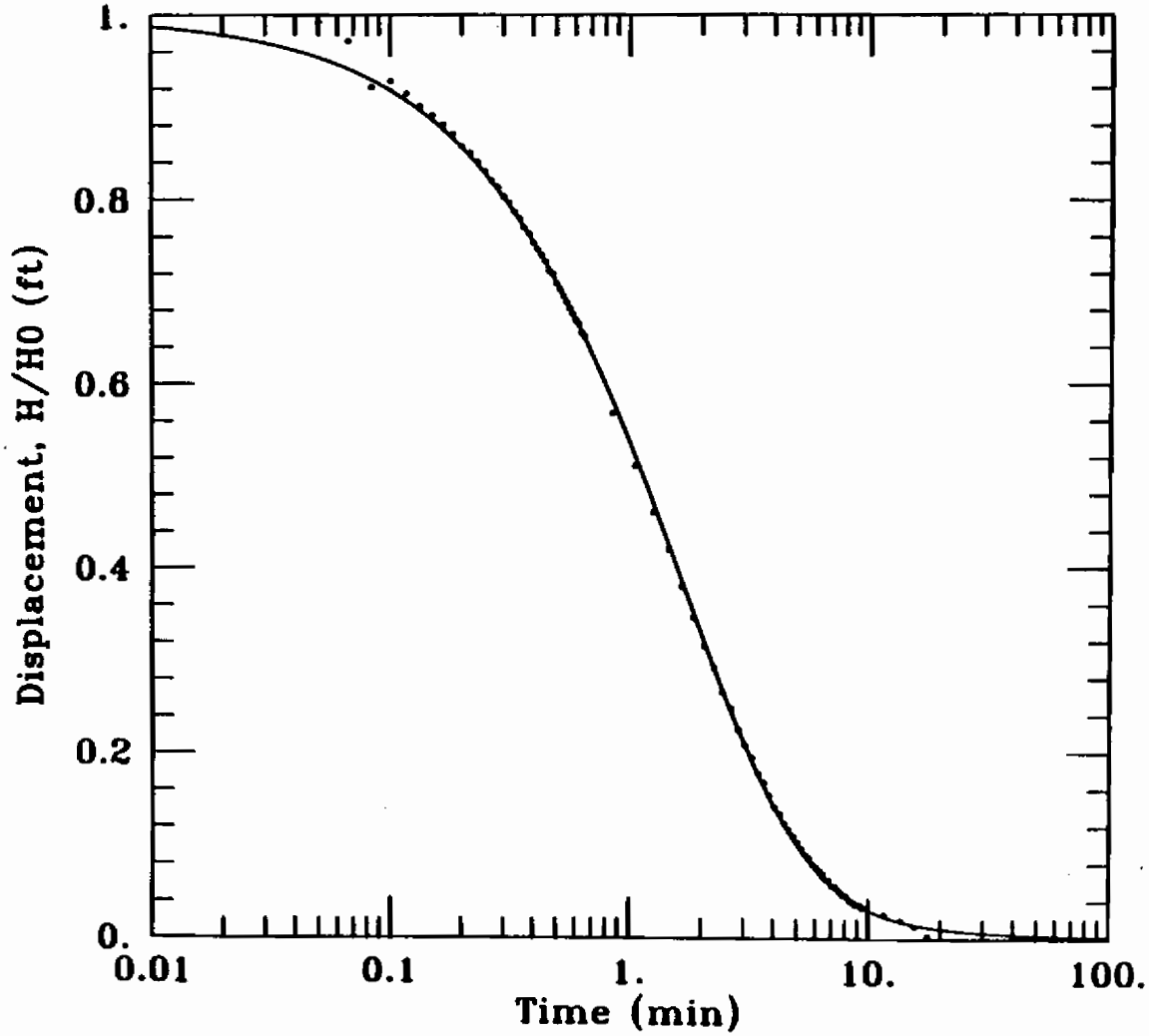
TEST DATA:
H0 = 2.6 ft
rc = 0.08333 ft
rw = 0.25 ft
L = 10. ft
b = 10. ft
H = 10. ft

PARAMETER ESTIMATES:
K = 0.00119 ft/min
y0 = 3.403 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH00905D Rising Head Slug Test



DATA SET:
905DRIS.AQT
01/13/95

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Cooper et al.

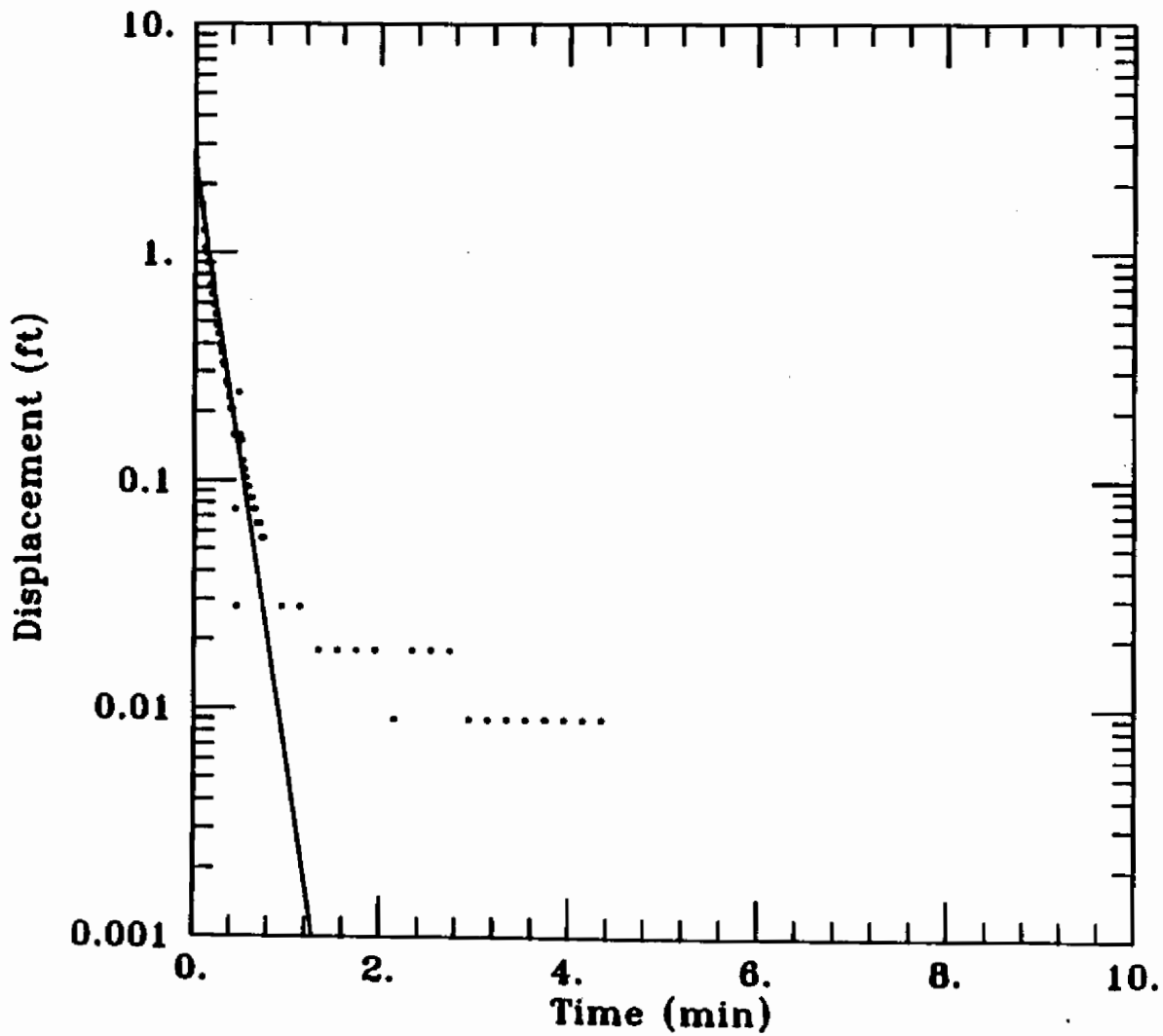
TEST DATA:
H0 = 2.8 ft
rc = 0.08333 ft
rw = 0.25 ft

PARAMETER ESTIMATES:
T = 0.01027 ft^2/min
S = 1.568E-05

AQTESOLV

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH00907D Falling Head Slug Test



DATA SET:
9070FAL.AQT
01/06/95

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Bouwer-Rice

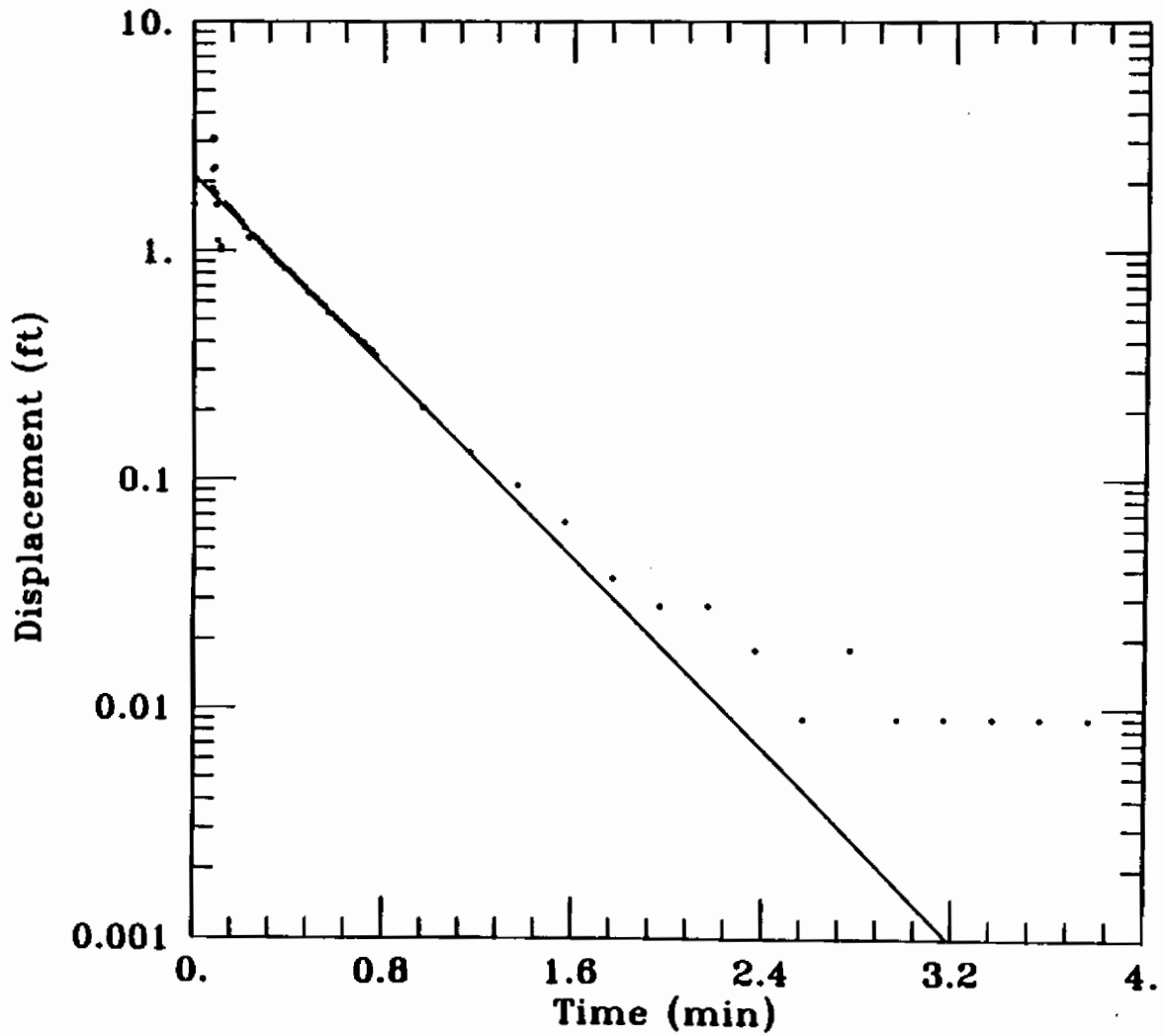
TEST DATA:
H0 = 2.6 ft
rc = 0.08333 ft
rw = 0.25 ft
L = 10. ft
b = 10. ft
H = 10. ft

PARAMETER ESTIMATES:
K = 0.005944 ft/min
y0 = 2.437 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCHGDH005 Falling Head Slug Test



DATA SET:
GDH5FAL.AQT
01/13/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

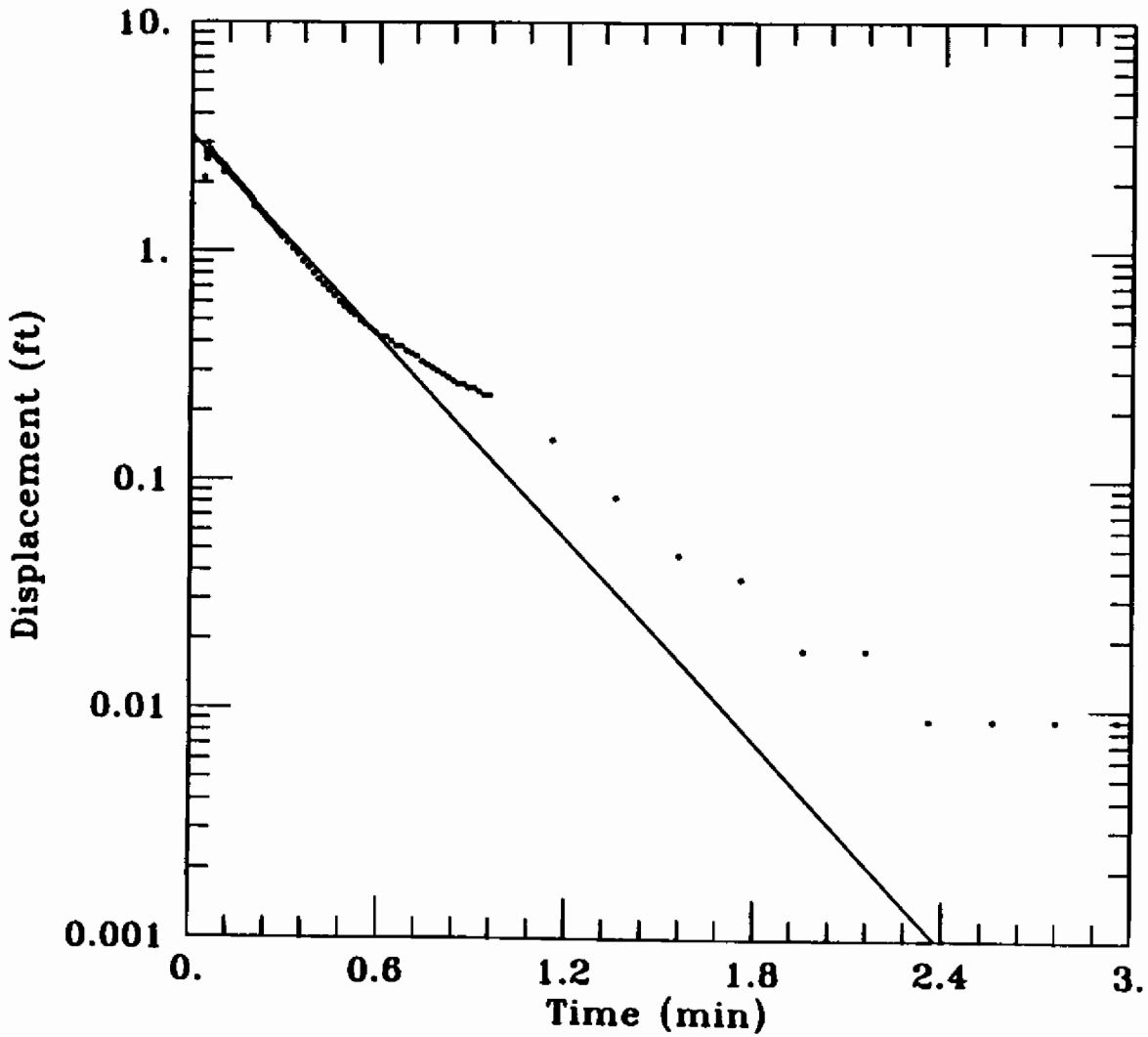
TEST DATA:
H0 = 1.6 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 9.5 ft
b = 12. ft
H = 9.5 ft

PARAMETER ESTIMATES:
K = 0.002 ft/min
y0 = 2.133 ft

AQTESOL

Client: CLEAN	Company: E/A&H
Location: NAS CHARLESTON	Project: 2908-08450

NBCHGDH005 Rising Head Slug Test



DATA SET:
GDH5RIS.AQT
01/13/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

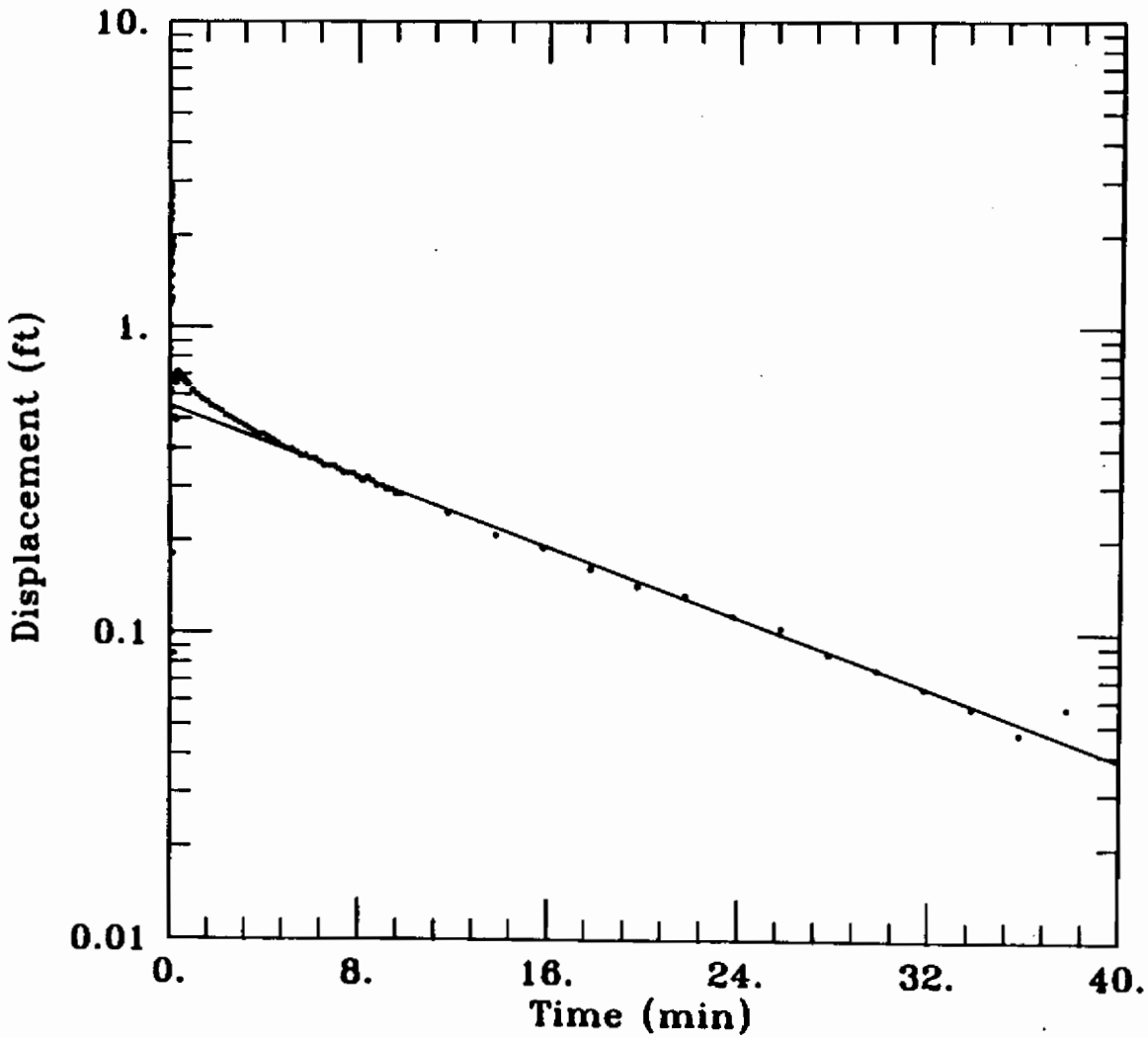
TEST DATA:
H0 = 1.6 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 9.5 ft
b = 12. ft
H = 9.5 ft

PARAMETER ESTIMATES:
K = 0.002822 ft/min
y0 = 3.236 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCHGDH004 Falling Head Slug Test



DATA SET:
GDH04FAL.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

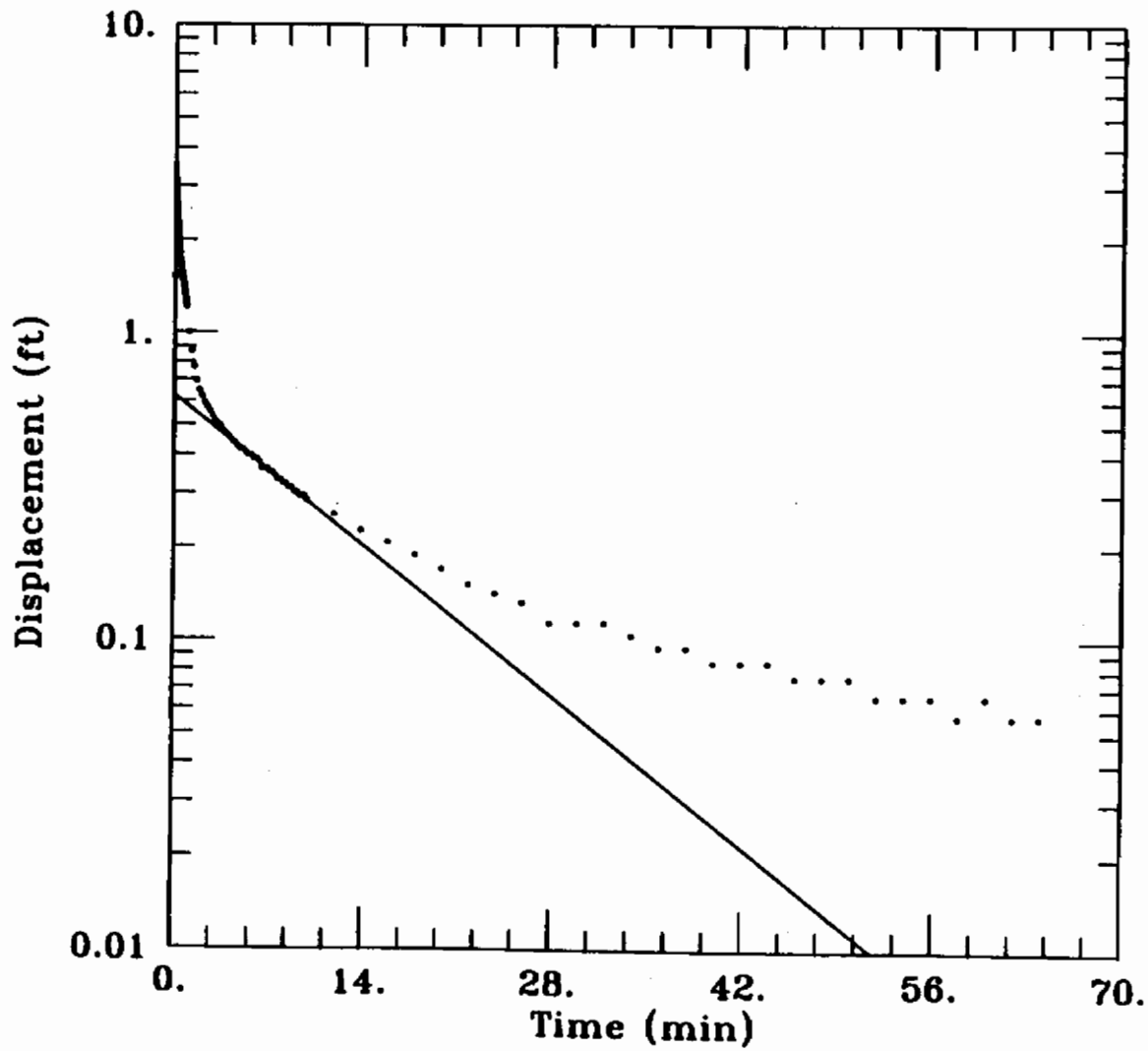
TEST DATA:
H0 = 0.7 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 7.5 ft
b = 12. ft
H = 7.5 ft

PARAMETER ESTIMATES:
K = 0.0002976 ft/min
y0 = 0.553 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCHGDH004 Rising Head Slug Test



DATA SET:
GDH04RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

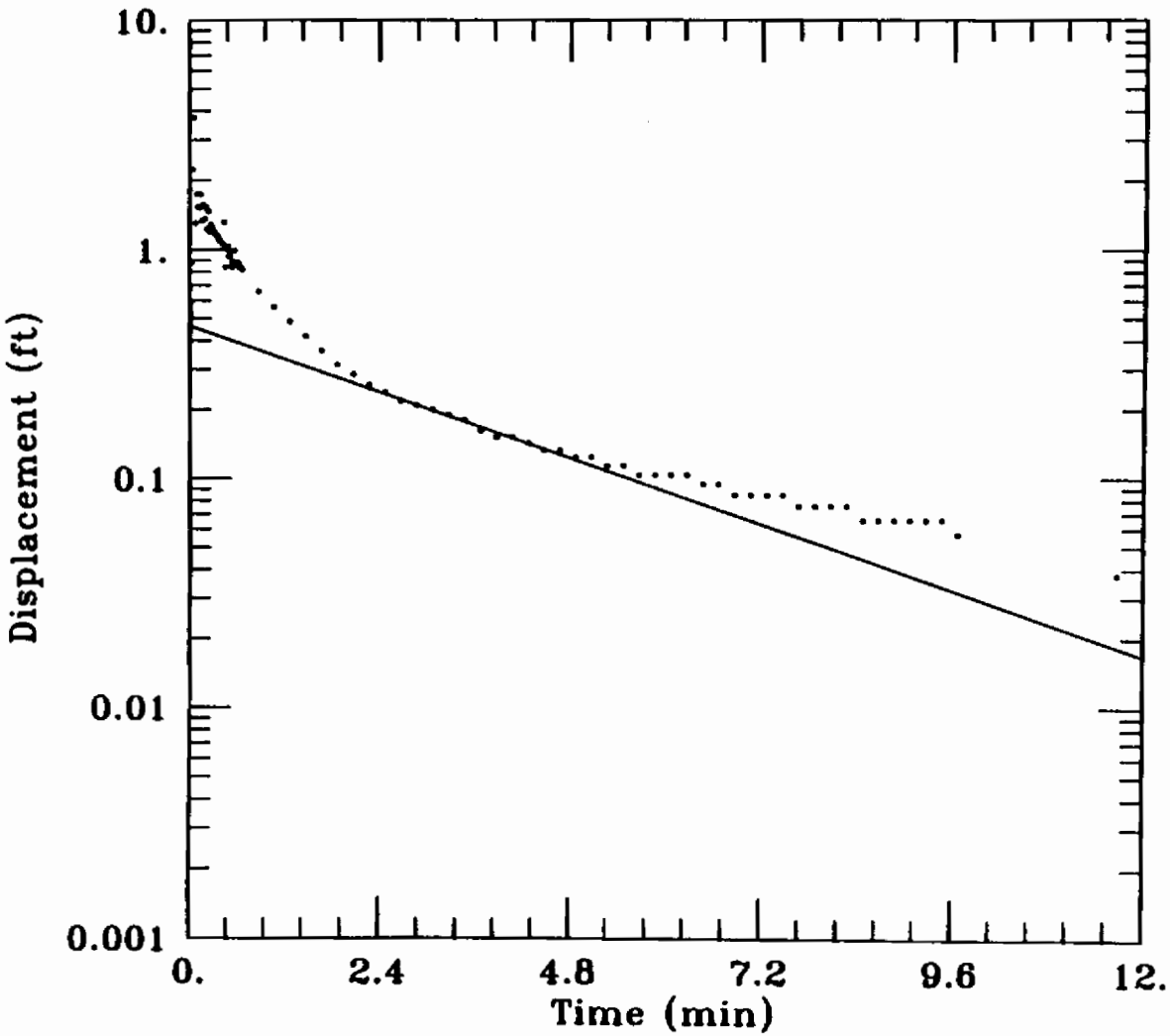
TEST DATA:
H0 = 0.7 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 7.5 ft
b = 12. ft
H = 7.5 ft

PARAMETER ESTIMATES:
K = 0.0003577 ft/min
y0 = 0.6258 ft

AQTES

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH667001 Falling Head Slug Test



DATA SET:
66701FAL.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

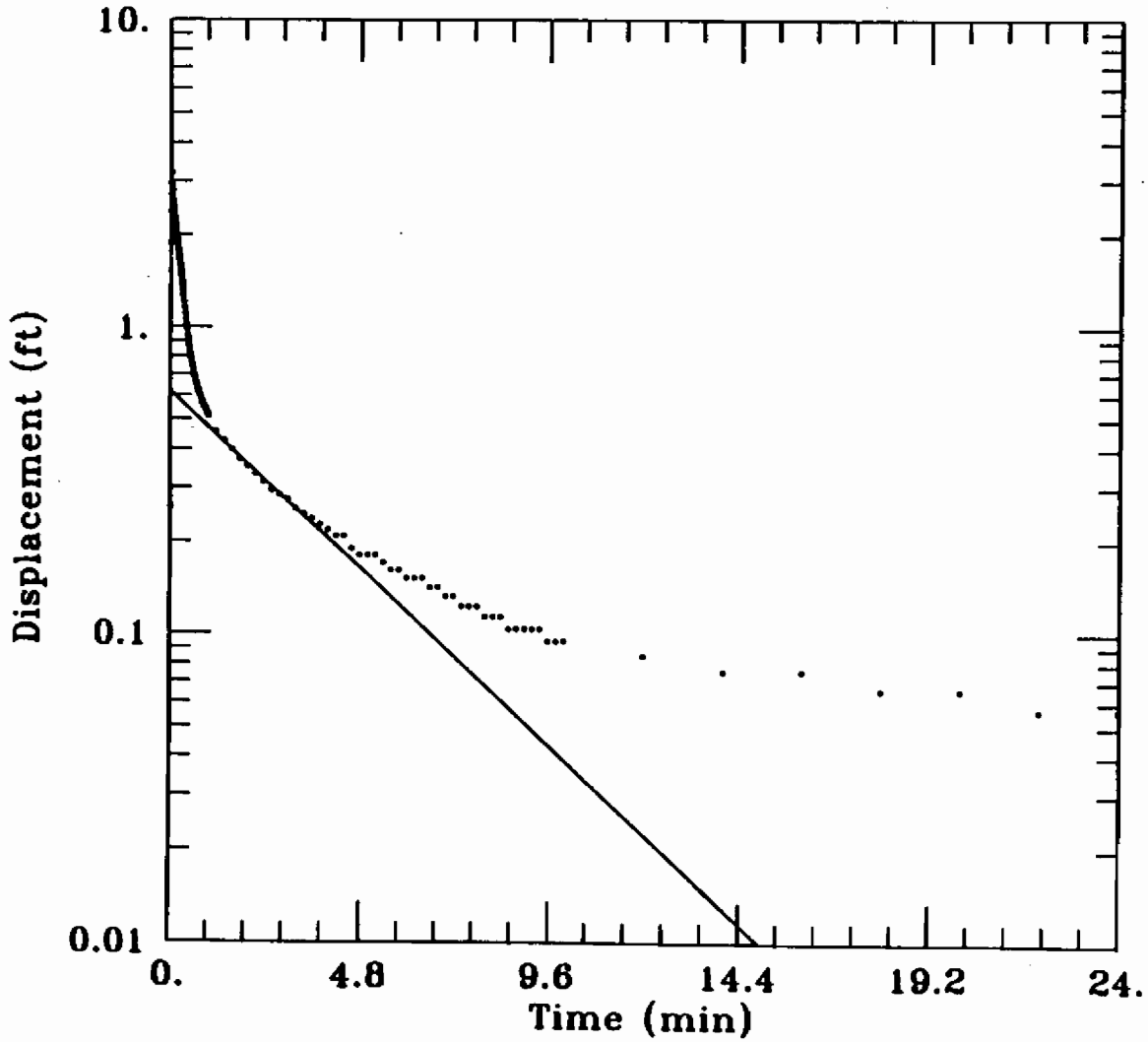
TEST DATA:
H0 = 1.8 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 10. ft
b = 12. ft
H = 10. ft

PARAMETER ESTIMATES:
K = 0.0002241 ft/min
y0 = 0.4636 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH667001 Rising Head Slug Test



DATA SET:
66701RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

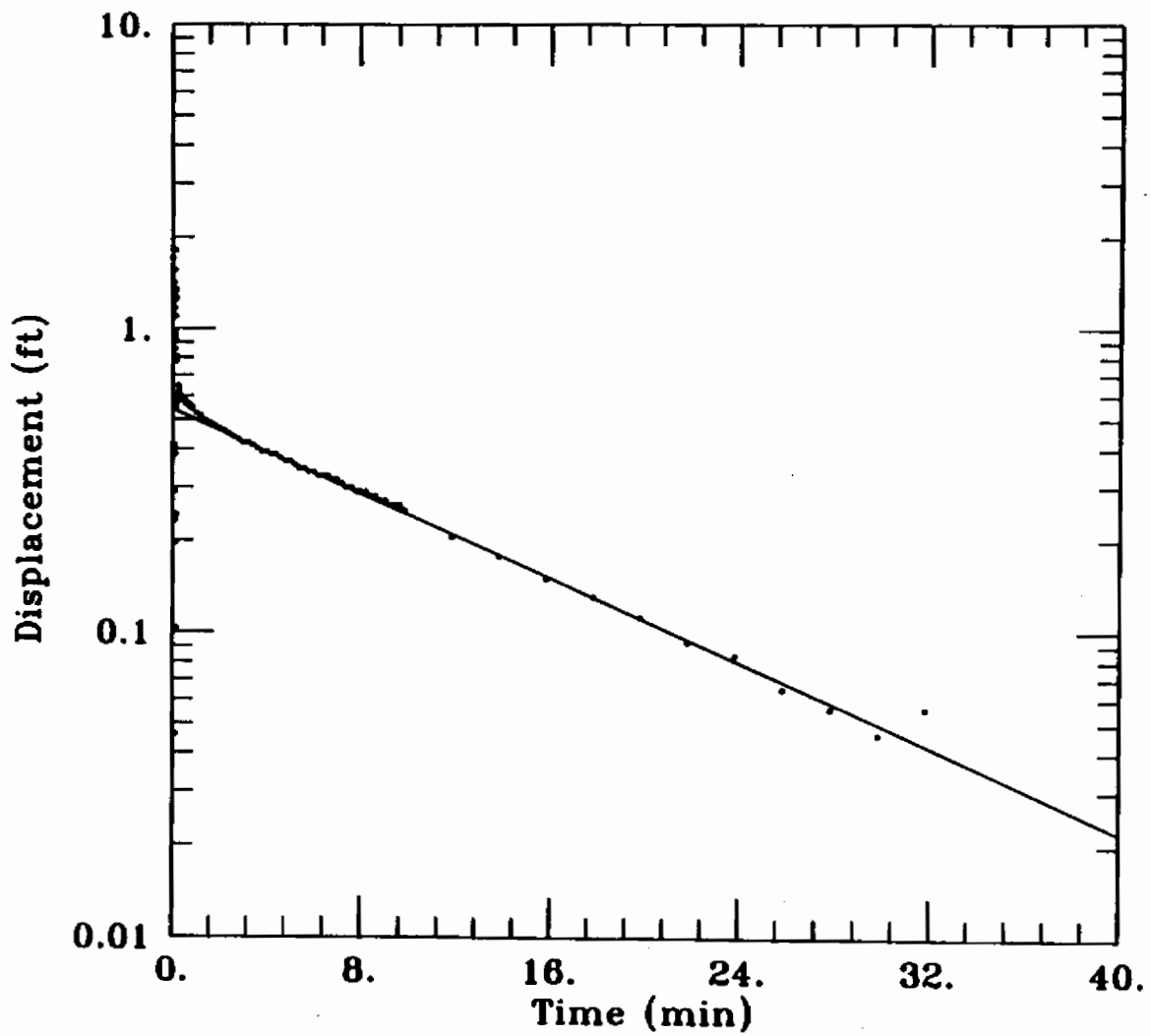
TEST DATA:
H0 = 0.26 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 10. ft
b = 12. ft
H = 10. ft

PARAMETER ESTIMATES:
K = 0.0002177 ft/min
y0 = 0.6183 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH666001 Falling Head Slug Test



DATA SET:
66601FAL.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

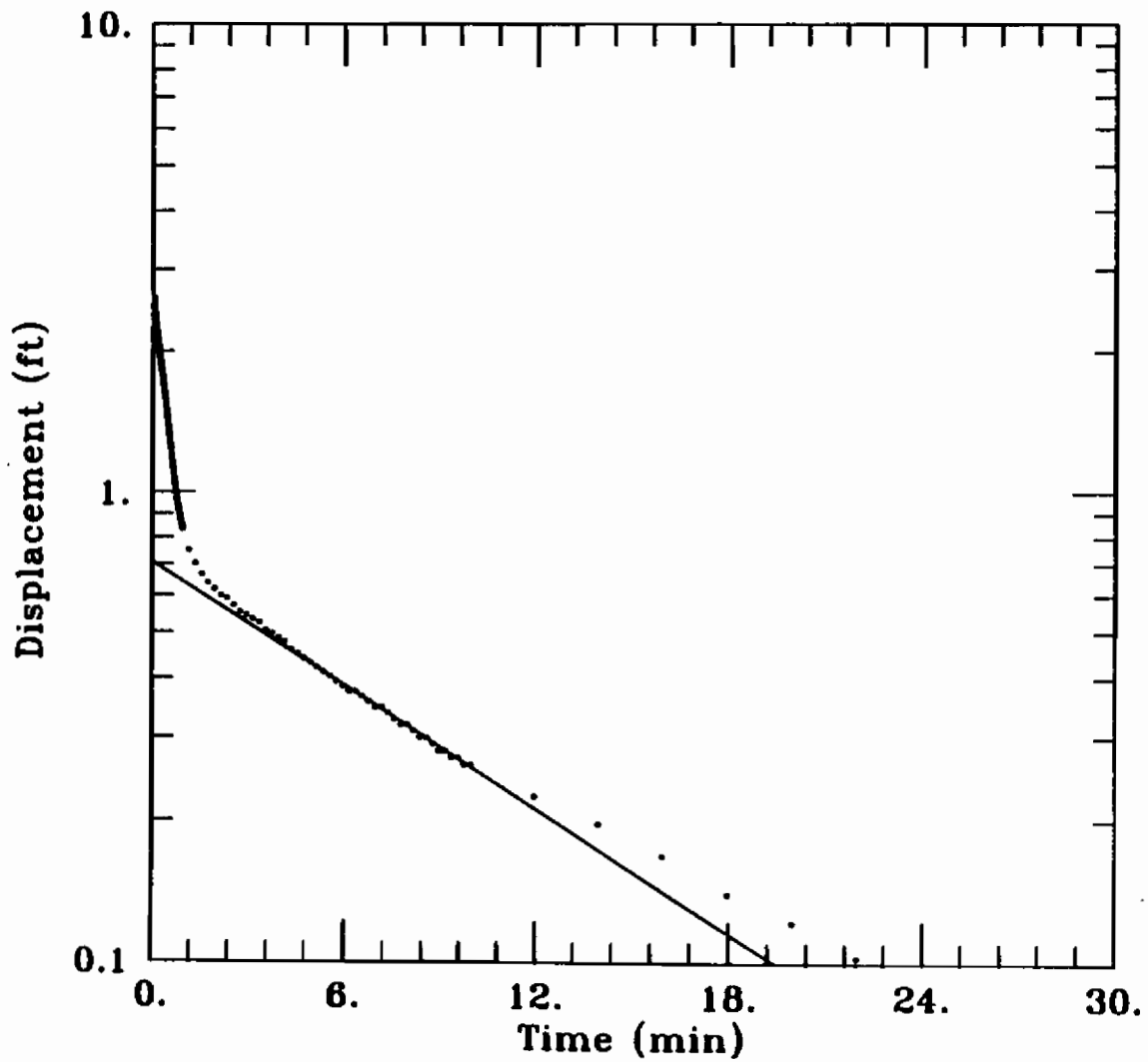
TEST DATA:
H0 = 1.7 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 8. ft
b = 12. ft
H = 8. ft

PARAMETER ESTIMATES:
K = 0.0003523 ft/min
y0 = 0.5417 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH666001 Rising Head Slug Test



DATA SET:
66601RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

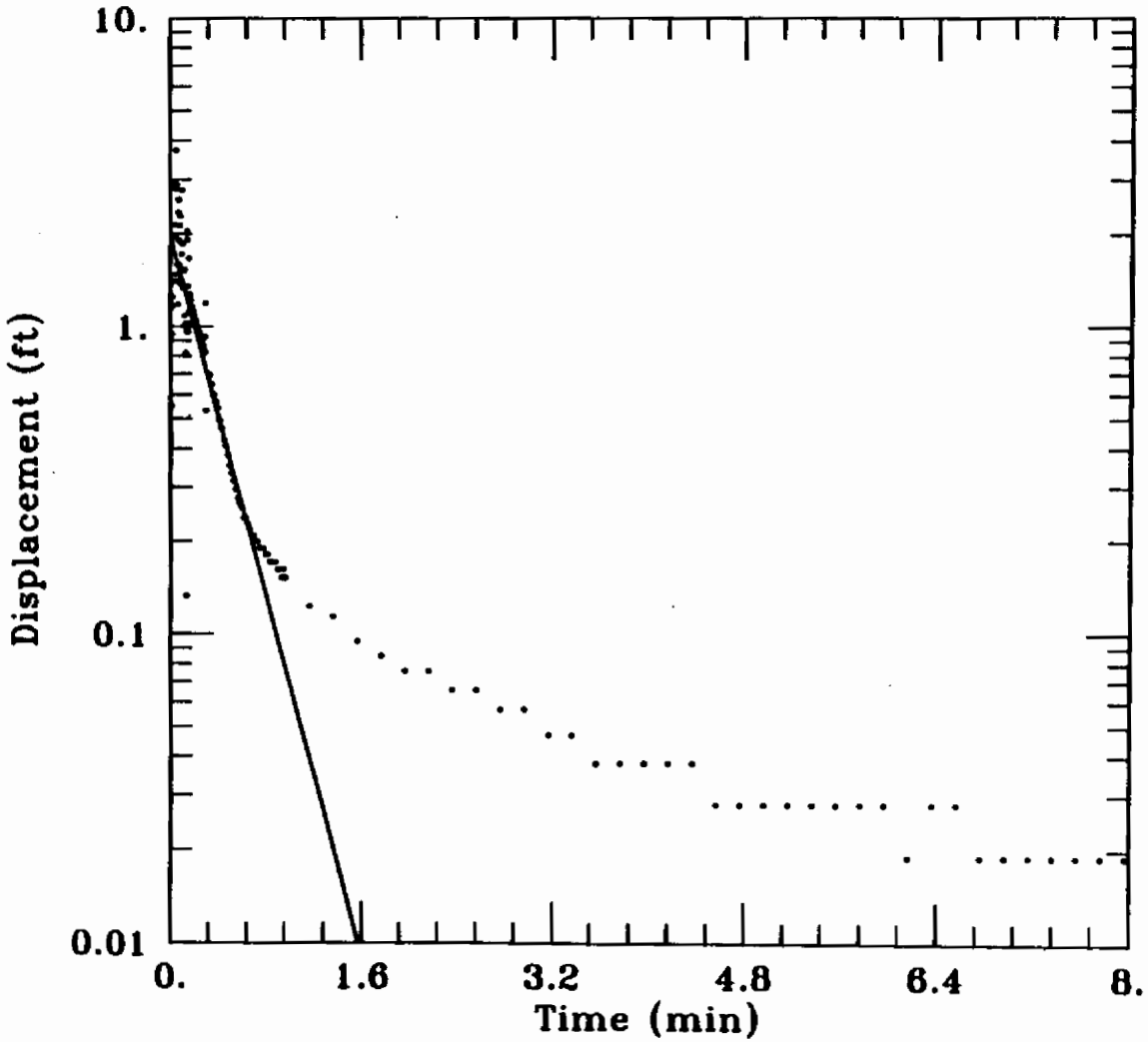
TEST DATA:
H0 = 1.7 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 8. ft
b = 12. ft
H = 8. ft

PARAMETER ESTIMATES:
K = 0.0004346 ft/min
y0 = 0.7086 ft

AQTES

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH663001 Falling Head Slug Test



DATA SET:
66301FAL.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

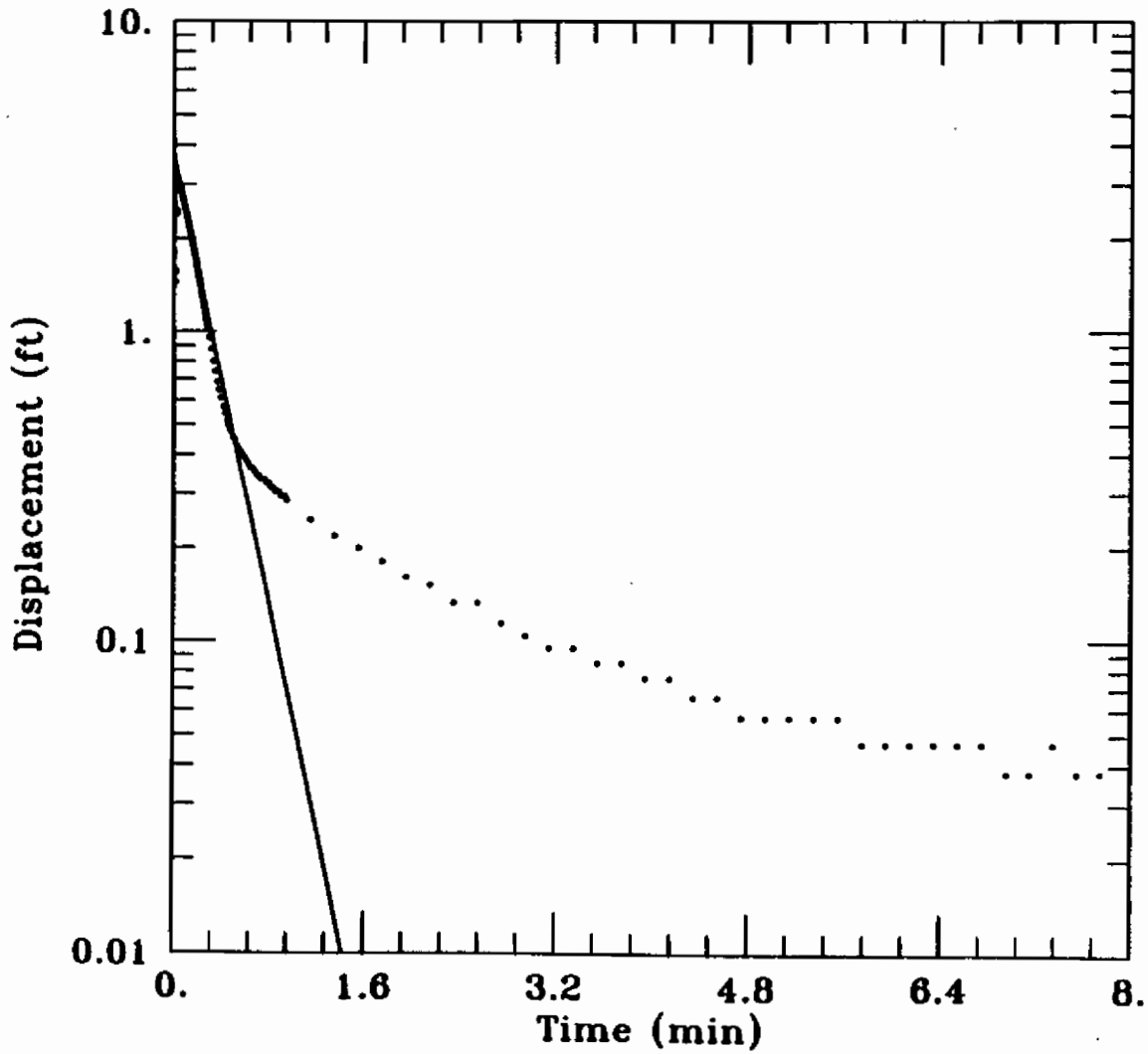
TEST DATA:
H0 = 1.8 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 8.5 ft
b = 12. ft
H = 8.5 ft

PARAMETER ESTIMATES:
K = 0.01399 ft/min
y0 = 1.95 ft

AQTESOL

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH663001 Rising Head Slug Test



DATA SET:
66301RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

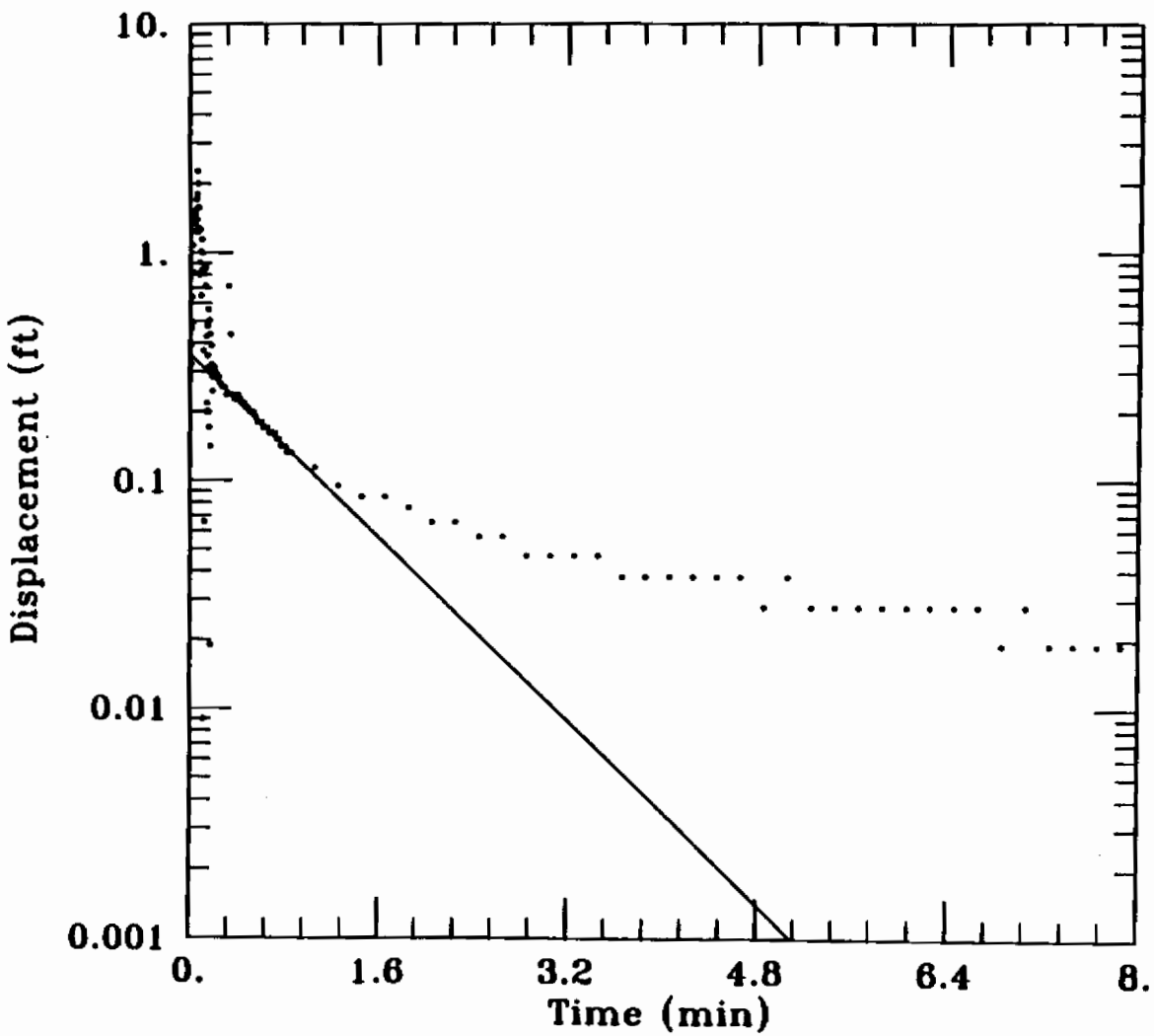
TEST DATA:
H0 = 1.8 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 8.5 ft
b = 12. ft
H = 8.5 ft

PARAMETER ESTIMATES:
K = 0.01729 ft/min
y0 = 3.688 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH662001 Falling Head Slug Test



DATA SET:
66201FAL.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

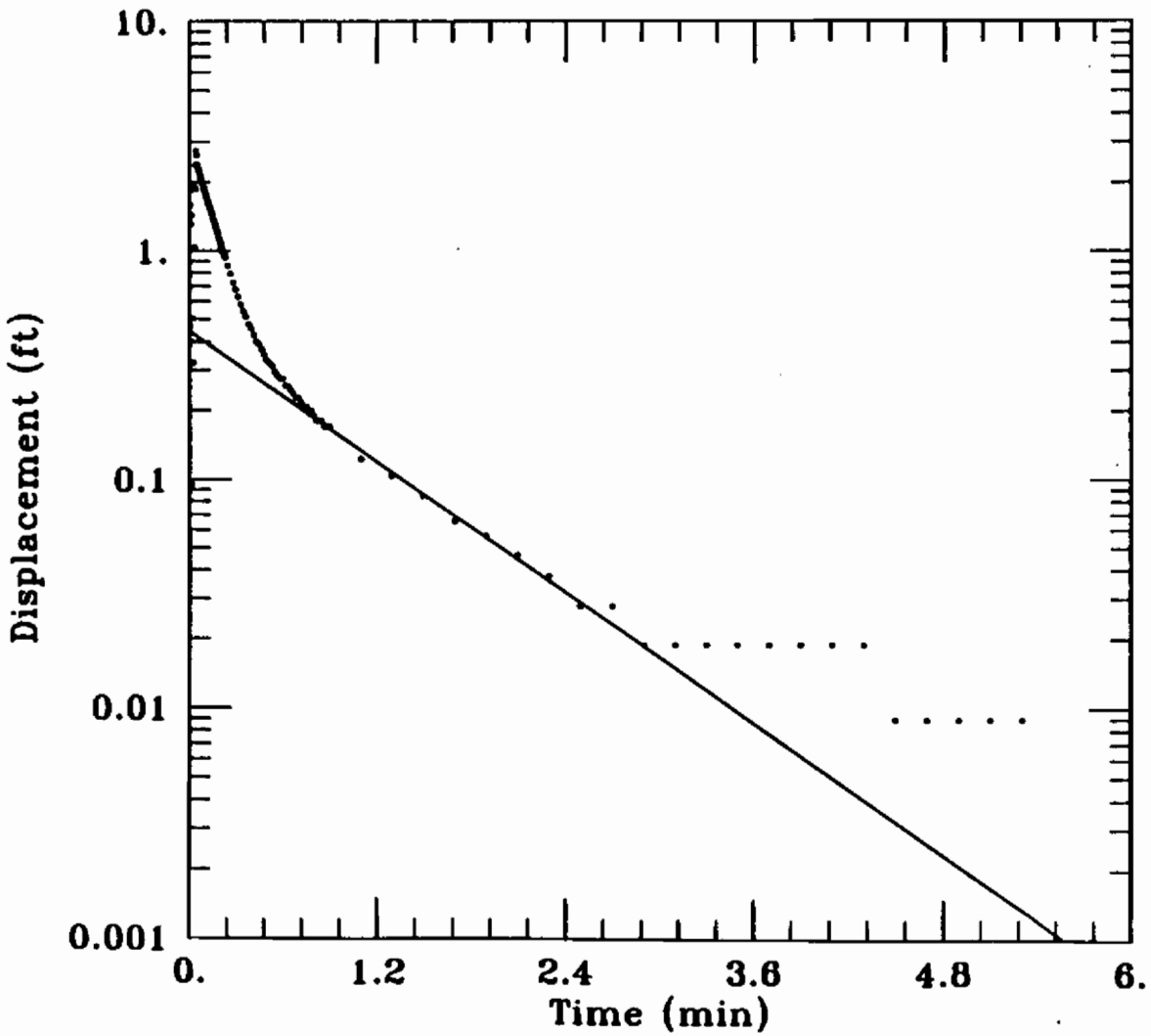
TEST DATA:
H0 = 0.4 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 8. ft
b = 12. ft
H = 8. ft

PARAMETER ESTIMATES:
K = 0.004967 ft/min
y0 = 0.3561 ft

AQTESOL

Client: CLEAN	Company: E/A&H
Location: NAS CHARLESTON	Project: 2908-08450

NBCH662001 Rising Head Slug Test



DATA SET:
66201RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

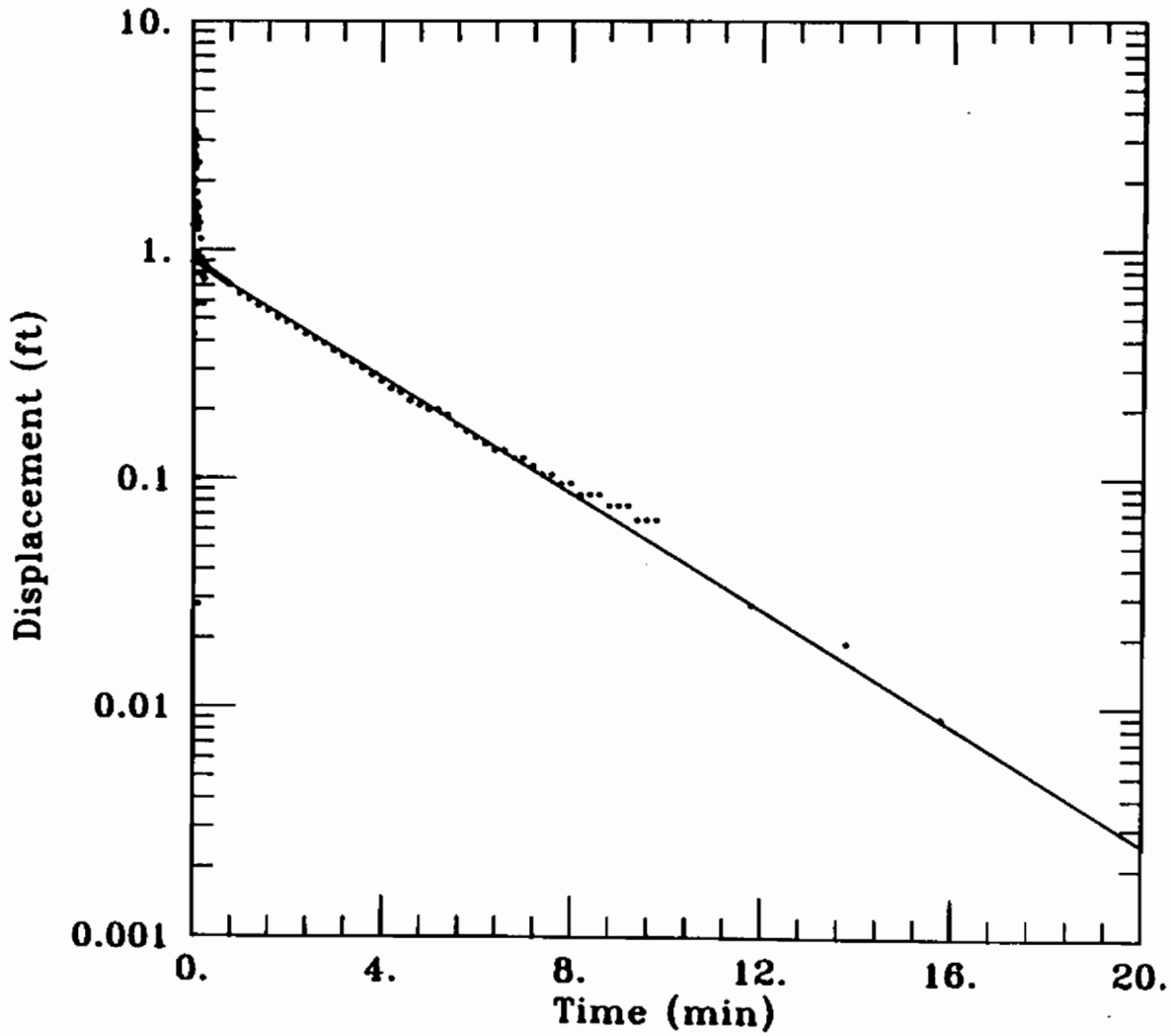
TEST DATA:
H0 = 0.4 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 8. ft
b = 12. ft
H = 8. ft

PARAMETER ESTIMATES:
K = 0.004719 ft/min
y0 = 0.445 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH660001 Falling Head Slug Test



DATA SET:
66001FAL.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

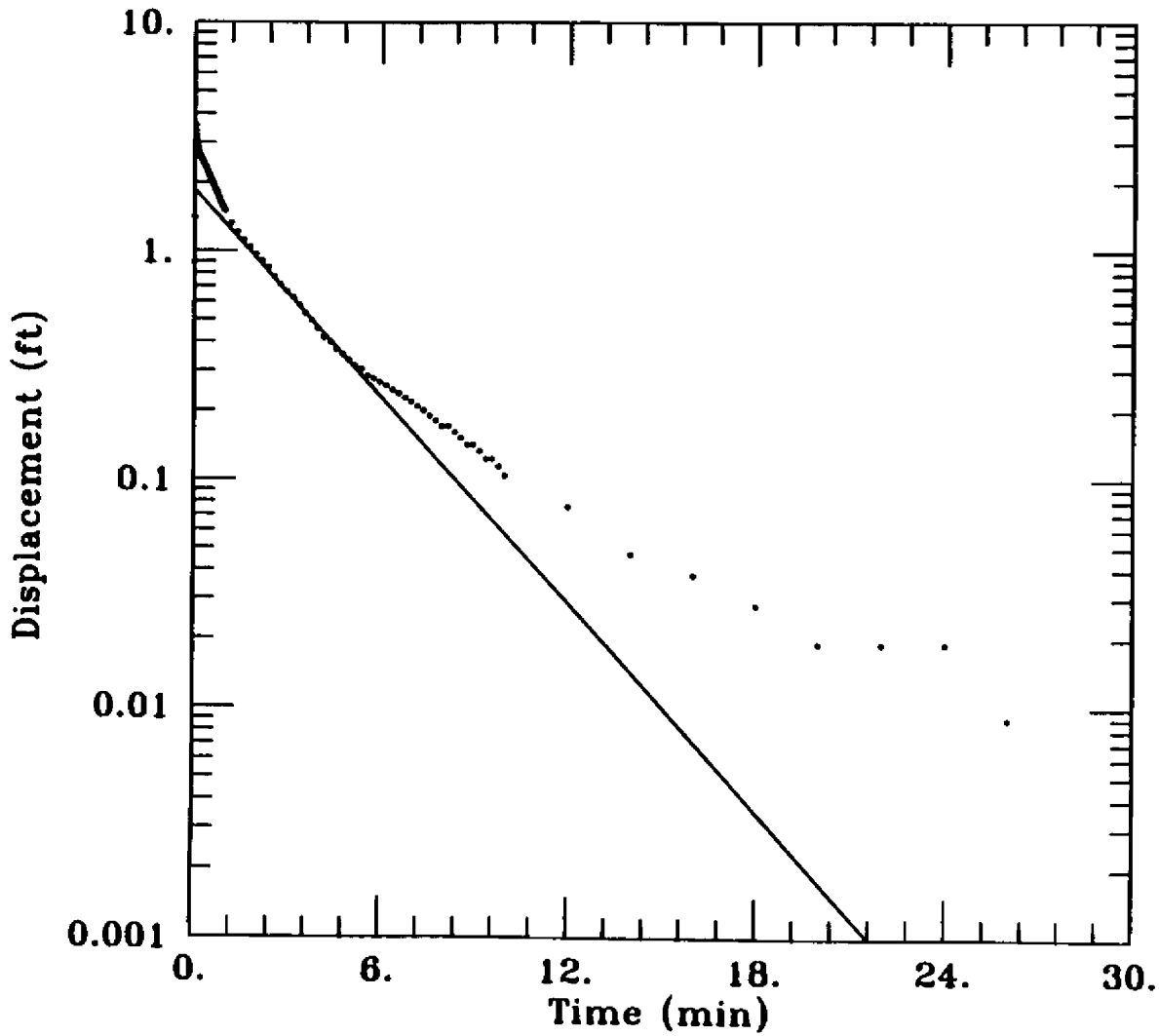
TEST DATA:
H0 = 0.89 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 8. ft
b = 12. ft
H = 8. ft

PARAMETER ESTIMATES:
K = 0.001263 ft/min
y0 = 0.8894 ft

AQTESOL

Client: CLEAN	Company: E/A&H
Location: NAS CHARLESTON	Project: 2908-08450

NBCH660001 Rising Head Slug Test



DATA SET:
66001RIS.AQT
01/16/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

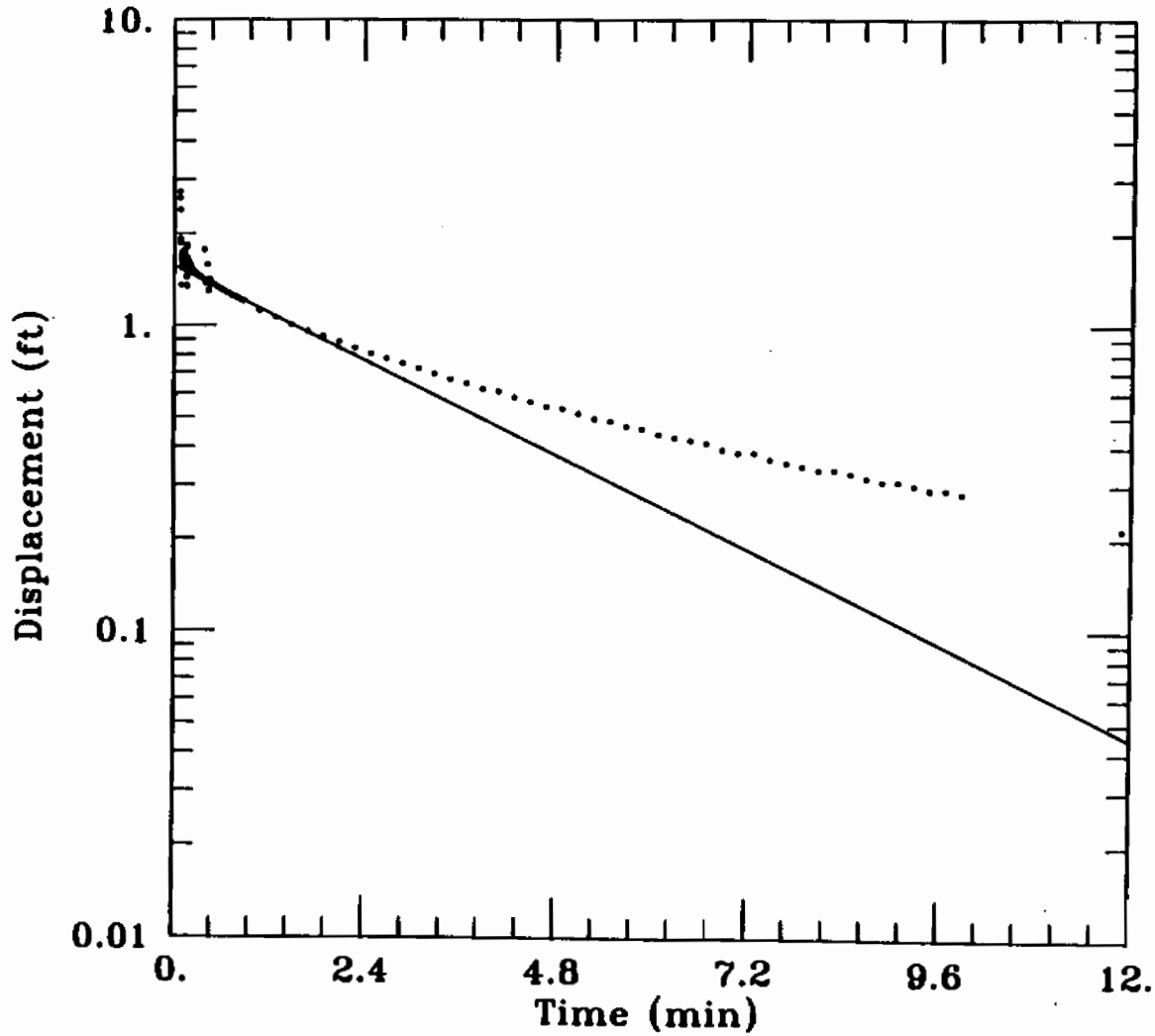
TEST DATA:
H0 = 0.89 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 8. ft
b = 12. ft
H = 8. ft

PARAMETER ESTIMATES:
K = 0.001502 ft/min
y0 = 1.856 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH656001 Falling Head Slug Test



DATA SET:
65601FAL.AQT
01/13/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

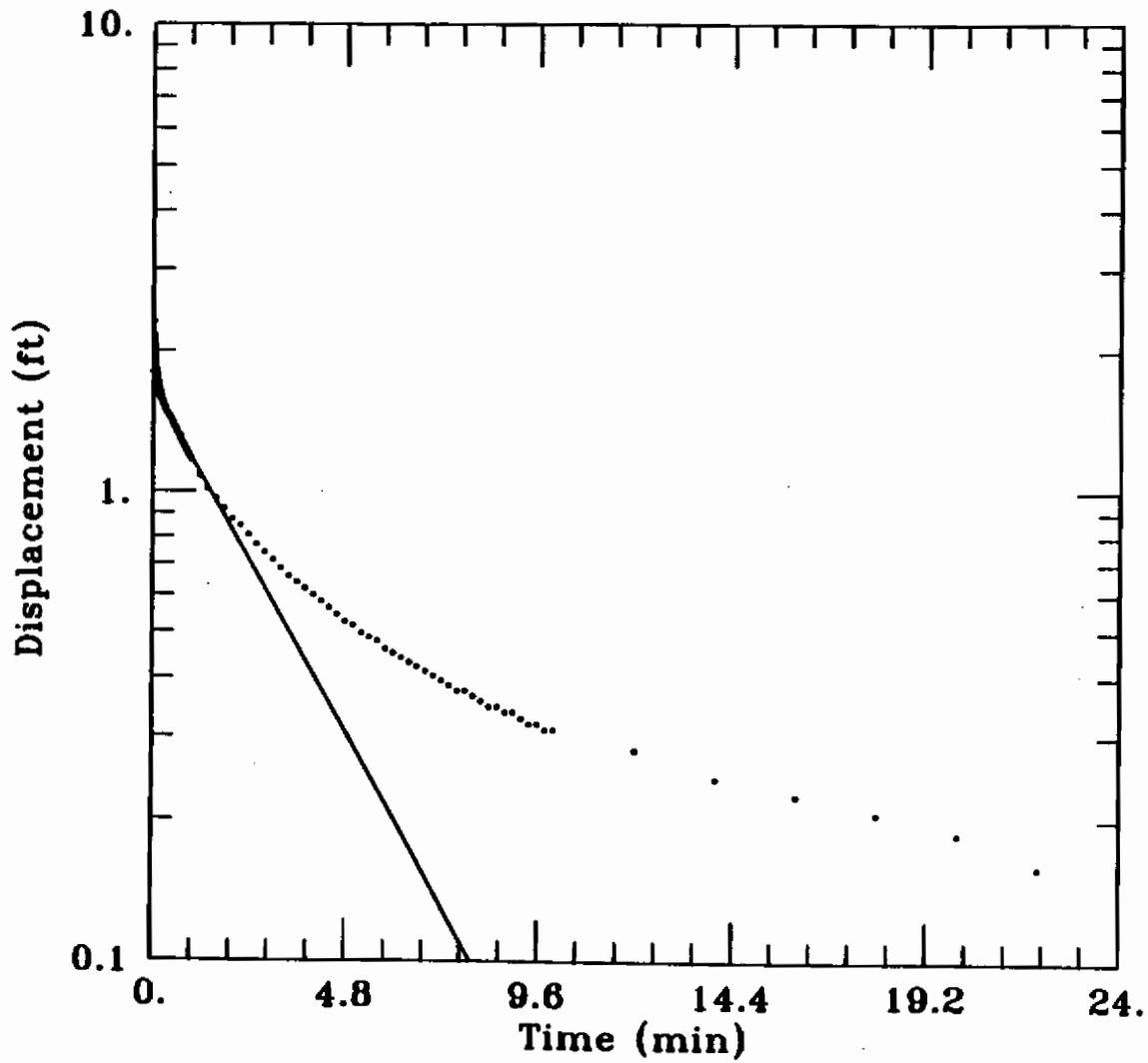
TEST DATA:
H0 = 0.5886 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 10. ft
b = 12. ft
H = 12. ft

PARAMETER ESTIMATES:
K = 0.0002763 ft/min
y0 = 1.57 ft

AQTESO

Client: **CLEAN**	Company: **E/A&H**
Location: **NAS CHARLESTON**	Project: **2908-08450**

NBCH656001 Rising Head Slug Test



DATA SET:
65601RIS.AQT
01/13/95

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Bouwer-Rice

TEST DATA:
H0 = 1.8 ft
rc = 0.08333 ft
rw = 0.3333 ft
L = 10. ft
b = 12. ft
H = 12. ft

PARAMETER ESTIMATES:
K = 0.0003299 ft/min
y0 = 1.668 ft

AQTESO

Appendix E

Final Technical Memorandum, Preliminary RFI Field Activity Soil-Gas and Geophysical Surveys, SWMUs 9 and 14, Naval Base Charleston, Charleston, South Carolina (Produced and bound separately in final form in the July 1995, version of the Zone H RFI Report. Has not been reproduced).

Appendix F

Soil Consultants Geotechnical Report

SCI
Construction Materials
Non Destructive
Geotechnical
Environmental

SOIL CONSULTANTS, INC.
ENGINEERS & GEOLOGISTS
Since 1951

P.O. Drawer 698 • Charleston, South Carolina 29402 • 803/723-4539 • Fax 803/723-3648

November 15, 1994

Ensafe/Allen & Hoshall
311 Plus Park Blvd., Suite 130
Nashville, TN 37217

Attention: Mr. Britten Dodson

SCI 94-1814

Reference: Charleston Naval Base
Zone H Investigation
Contract Task Order 2909-08420
E/A&H P.O. #0052/95

Dear Mr. Dodson:

Enclosed please find test results for analyses requested on the above referenced project.

Samples were delivered by your firm on October 10 and 26, 1994 and on November 4, 1994.

A total of 13 shelby tubes and 4 core samples were tested for Hydraulic Conductivity/Permeability, Moisture Content, Bulk Density, Porosity, Hydrometer/Sieve, and Specific Gravity. Visual Description and Unit Weight of shelby tube samples were also conducted, as requested.

One Grain Size Analysis was conducted on filter pack sand. Four composite samples were tested for Grain Size Analysis after a Wash 200 Sieve Analysis was run, in order to eliminate clay particles.

The Hydraulic Conductivity/Permeability, Moisture Content, Specific Gravity, Porosity, Bulk Density, Grain Size Analysis, and Wash 200 test results are listed in tabular form on a high density 3.5 inch computer disk, using Work Perfect Version 6.0.

The Hydrometer/Sieve Analyses are in graphic form, the shelby tube descriptions with related data are submitted on data sheets.

All test results are in hard copy, in triplicate. Only tabular data is recorded on the high density 3.5 inch computer disk.

All tests were conducted in accordance with ASTM specifications, per our fee proposal dated September 28, 1994.

If you have any questions, please call our office.

We thank you for the opportunity to be of service to you on this project and look forward to working with you again in the future.

Sincerely,

SOIL CONSULTANTS, INC.

Suzanne M. Stroh

Suzanne M. Stroh
Environmental Manager

SMS/ab

Enclosures

CERTIFICATION OF COMPLETION (PROFESSIONAL SERVICES)

INSTRUCTIONS:

1 When all the requirements of the Subcontract or Statement of Work have been satisfied, the Subcontractor will submit the following certification to the on-site representative for approval.

2 Should the Subcontractor request partial or incremental payments, the certificate must indicate the performance completed to date and the basis of the claim for partial or incremental payments.

3 The completed certificate when signed by the E/A&H Site Manager or Task Order Manager must be forwarded to the Procurement Buyer who signed the original Purchase Order.

4 The written certification of completion shall be dated and the certifying official identified by name and title shall be duly authorized to bind the Seller by the Certification.

CERTIFICATE OF COMPLETION (PROFESSIONAL SERVICES)

The Seller named in Subcontract/Purchase Order Number C052/95
and known as (Name of Firm) SYL Consultants Inc.

hereby certifies that, to the best of their knowledge and belief, has completed all services as described and/or modified under Subcontract/Purchase Order Number _____,
and has complied with all the technical requirements of the Statement of Work.

DATED: 11-15-94

SIGNED BY: Suzanne M. Stroh

TYPED/PRINTED NAME AND
TITLE OF CERTIFYING OFFICIAL:

EnSafe/Allen & Hoshall
Task Order/ Site Manager Approval: _____

Typed/Printed Name and Title: SUZANNE M. STROH
ENVIRONMENTAL MANAGER

Date: NOVEMBER 15, 1994

Soil Consultants, Inc.

FOUNDATION & TESTING ENGINEERS

RESULTS OF HYDRAULIC CONDUCTIVITY TESTS
ASTM D 5084

SAMPLE IDENTIFICATION	09-02D 55'	SRDH-401 10'-12'	660-02 10'-12'	09-07D 73'-75'
VISUAL CLASSIFICATION	**MH	CH	**MH	**MH
INITIAL CONDITIONS				
Sample length, cm	5.8039	6.1976	5.9817	5.7531
Sample Diameter, cm	5.08	4.8133	4.6863	4.826
Moisture Content, %	62.5	71.1	52.4	28.4
Unit Wet Weight, pcf	98.7	78.7	102.8	107.6
Unit Dry Weight, pcf	60.7	45.9	67.4	83.8
Sp. Gravity	2.57	2.54	2.62	2.57
Porosity %	62.1	71.0	58.8	47.7
Saturation, %	98.0	59.1	96.5	80.0
FINAL CONDITIONS				
Sample Length, cm	5.8039	5.5626	5.9817	5.7531
Sample Diameter, cm	5.08	4.6736	4.6863	4.826
Moisture Content, %	67.11	86.6	54.9	38.1
Unit Wet Weight, pcf	99.8	83.2	102.4	108.3
Unit Dry Weight, pcf	59.7	44.5	66.1	78.4
Saturation, %	102.3	86.0	97.7	93.9
TEST CONDITIONS				
Permeant	POTABLE WATER	POTABLE WATER	POTABLE WATER	POTABLE WATER
Cell Pressure, psi	40 psi	40 psi	40 psi	40 psi
Back Pressure, psi	37-35 psi	37-35 psi	37-35 psi	37-35 psi
B-Value	.100	.100	.97	.100
Average Gradient	24.1	22.6	23.4	24.3
Hydraulic Conductivity, cm/sec @ 20° C	4.927×10^{-7} CM/SEC	1.171×10^{-7} CM/SEC	2.791×10^{-6} CM/SEC	2.928×10^{-6} CM/SEC

PROJECT: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.
CONTRACT TASK ORDER 2909-08420

DATE: 10-19-94 SCI REPORT NO. 94-1814

Soil Consultants, Inc.

FOUNDATION & TESTING ENGINEERS

RESULTS OF HYDRAULIC CONDUCTIVITY TESTS
ASTM D 5084

SAMPLE IDENTIFICATION	GRDH-001 15'-17'	178-402 10'-12'	09-13 14' - 16'	09-14 13½' - 15½'
VISUAL CLASSIFICATION	CL	**MH	OH	CL
INITIAL CONDITIONS				
Sample length, cm	6.096	6.858	5.9182	5.08
Sample Diameter, cm	4.6609	4.6609	4.7371	4.6355
Moisture Content, %	67.3	42.1	110.2	37.0
Unit Wet Weight, pcf	88.6	107.1	84.9	110.2
Unit Dry Weight, pcf	52.9	75.4	40.4	80.4
Sp. Gravity	2.56	2.62	2.51	2.59
Porosity %	66.8	53.9	74.2	50.1
Saturation, %	85.5	94.5	96.2	95.2
FINAL CONDITIONS				
Sample Length, cm	5.842	6.858	5.6515	4.8387
Sample Diameter, cm	4.57962	4.6609	4.4704	4.572
Moisture Content, %	88.2	44.9	103.1	35.4
Unit Wet Weight, pcf	97.7	107.7	92.3	117.2
Unit Dry Weight, pcf	51.9	74.3	45.4	86.5
Saturation, %	108.8	98.2	105.9	106.0
TEST CONDITIONS				
Permeant	POTABLE WATER	POTABLE WATER	POTABLE WATER	POTABLE WATER
Cell Pressure, psi	40 psi	40 psi	40 psi	40 psi
Back Pressure, psi	37-35 psi	37-35 psi	37-35 psi	37-35 psi
B-Value	.100	.100	.100	.101
Average Gradient	30.0	30.0	23.6	27.6
Hydraulic Conductivity, cm/sec @ 20° C	1.184×10^{-7} CM/SEC	3.273×10^{-6} CM/SEC	9.392×10^{-6} CM/SEC	5.514×10^{-7} CM/SEC

PROJECT: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.
CONTRACT TASK ORDER 2909-08420

DATE: 10-19-94 & 11-11-94 SCI REPORT NO. 94-1814

**LOCALLY CALLED MARL

Soil Consultants, Inc.

FOUNDATION & TESTING ENGINEERS

RESULTS OF HYDRAULIC CONDUCTIVITY TESTS
ASTM D 5084

SAMPLE IDENTIFICATION	09-15 13'-15'	121-01 10'-12'	GDH-05D 63'-65'	GDH-07D 45'-46'
VISUAL CLASSIFICATION	SC	OH	**MH	**MH
INITIAL CONDITIONS				
Sample length, cm	6.096	7.4803	6.8199	5.9055
Sample Diameter, cm	4.7625	4.9022	4.9784	5.08
Moisture Content, %	26.2	120.8	39.7	38.3
Unit Wet Weight, pcf	111.0	75.6	110.7	107.8
Unit Dry Weight, pcf	87.9	34.2	79.2	77.9
Sp. Gravity	2.58	2.54	2.55	2.62
Porosity %	45.4	78.4	50.2	52.4
Saturation, %	81.4	84.5	100.5	91.4
FINAL CONDITIONS				
Sample Length, cm	5.7277	6.9469	6.7818	5.842
Sample Diameter, cm	4.7117	4.6355	5.0165	5.08
Moisture Content, %	27.6	112.4	43.5	28.9
Unit Wet Weight, pcf	119.5	86.1	108.0	109.0
Unit Dry Weight, pcf	93.6	40.5	75.2	84.5
Saturation, %	99.1	98.1	99.6	81.1
TEST CONDITIONS				
Permeant	POTABLE WATER	POTABLE WATER	POTABLE WATER	POTABLE WATER
Cell Pressure, psi	40 psi	40 psi	40 psi	40 psi
Back Pressure, psi	37-35 psi	37-35 psi	37-35 psi	37-35 psi
B-Value	.97	.100	.100	.100
Average Gradient	23	18.7	20.5	23.7
Hydraulic Conductivity, cm/sec @ 20° C	3.374×10^{-6} CM/SEC	3.946×10^{-7} CM/SEC	8.047×10^{-7} CM/SEC	1.159×10^{-6} CM/SEC

PROJECT: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.
CONTRACT TASK ORDER 2909-08420

DATE: 11-11-94 & 11-14-94 SCI REPORT NO. 94-1814

**LOCALLY CALLED MARL

Soil Consultants, Inc.

FOUNDATION & TESTING ENGINEERS

RESULTS OF HYDRAULIC CONDUCTIVITY TESTS
ASTM D 5084

SAMPLE IDENTIFICATION	GDH-011D 58'-65'			
VISUAL CLASSIFICATION	**MH			
INITIAL CONDITIONS				
Sample length, cm	6.1849			
Sample Diameter, cm	5.08			
Moisture Content, %	48.8			
Unit Wet Weight, pcf	106.7			
Unit Dry Weight, pcf	71.7			
Sp. Gravity	2.65			
Porosity %	56.5			
Saturation, %	99.2			
FINAL CONDITIONS				
Sample Length, cm	6.1214			
Sample Diameter, cm	5.08			
Moisture Content, %	47.3			
Unit Wet Weight, pcf	106.3			
Unit Dry Weight, pcf	72.1			
Saturation, %	97.3			
TEST CONDITIONS				
Permeant	POTABLE WATER			
Cell Pressure, psi	40 psi			
Back Pressure, psi	37-35 psi			
B-Value	.100			
Average Gradient	22.6			
Hydraulic Conductivity, cm/sec @ 20° C	5.644×10^{-7} CM/SEC			

PROJECT: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.
CONTRACT TASK ORDER 2909-08420

DATE: 11-14-94 SCI REPORT NO. 94-1814

**LOCALLY CALLED MARL

Soil Consultants, Inc.

FOUNDATION & TESTING ENGINEERS

RESULTS OF PERMEABILITY OF GRANULAR SOILS
UNDISTURBED SHELBY TUBE SAMPLES

SAMPLE IDENTIFICATION	017-004	653-02	662-02	GRDH-011
Sample length, cm	2.125	2.125	2.25	2.313
Sample Diameter,cm	1.875	1.875	1.875	1.875
Moisture Content, %	19.7	29.2	16.8	33.4
Unit Wet Weight, pcf	131.1	127.4	123.6	126.1
Unit Dry Weight, pcf	109.3	98.6	106.1	94.3
Sp. Gravity	2.58	2.68	2.59	2.56
Porosity %	31.9	41.2	34.6	40.9
Permeability cm/sec	1.9X10-3	2.7X10-4	2.4X10-3	1.8X10-4
VISUAL UNIFIED SOIL CLASSIFICATION	SM-SP	SM-SP	SM-SP	SM-SP

PROJECT: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.
CONTRACT TASK ORDER 2909-08420

SAMPLE DEPTH: 10' - 12'

SCI REPORT NO. 94-1814

DATE: 10-19-94

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.
CONTRACT TASK ORDER 2909-08420

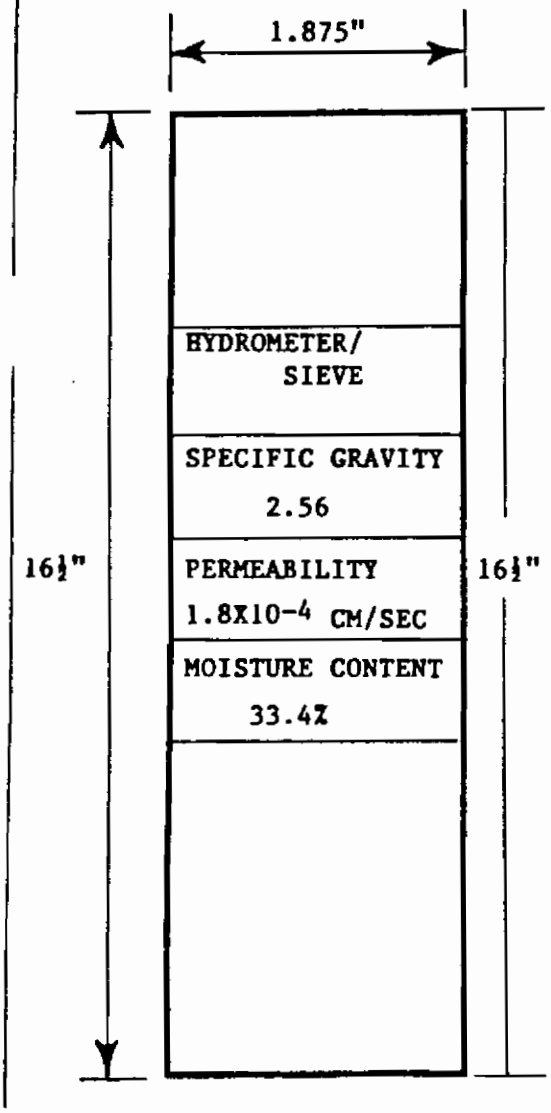
TESTED AT: SCI, CHARLESTON, S.C. | APPROVED BY: [signature] | DATE: 10-19-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	10'	12'	SHELBY TUBE NO. GRDH-011	PUSHED	94-1814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
GRAY	MOIST	SEMI-SOLID	UNIFORM	SAND WITH		SM-SP
				CLAY		

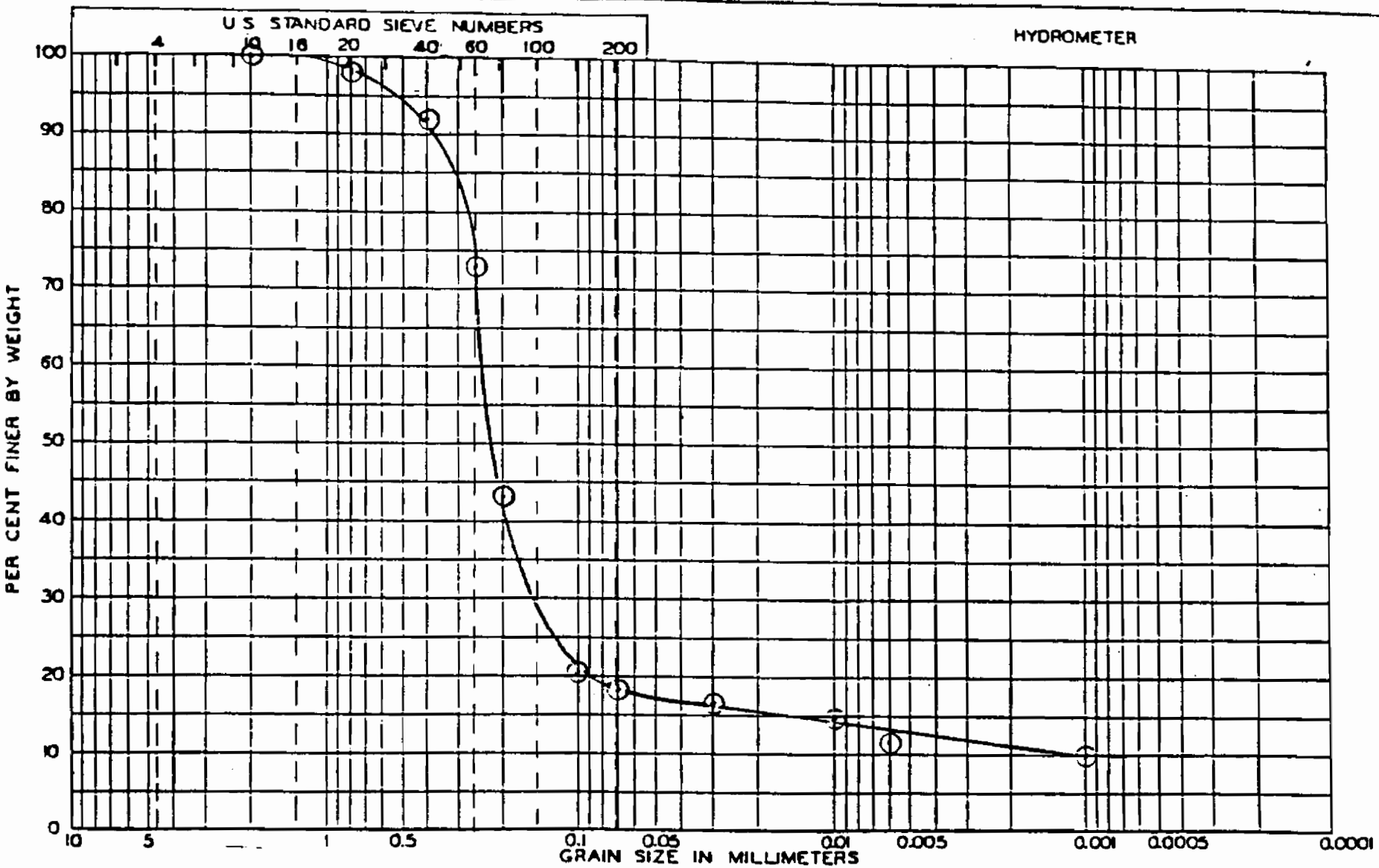
ω 33.4 % | γ_d 1.54 g/cc

REMARKS



GRAY FINE SAND WITH SLIGHT INORGANIC CLAY, SHELL, AND FINE ROOT CONTENT WITH CLAY LENSES.

SCI NUMBER: 94-1814



UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C. CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. GRDH-011

DEPTH 10'-12' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

OCL-3

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.
CONTRACT TASK ORDER 2909-08420

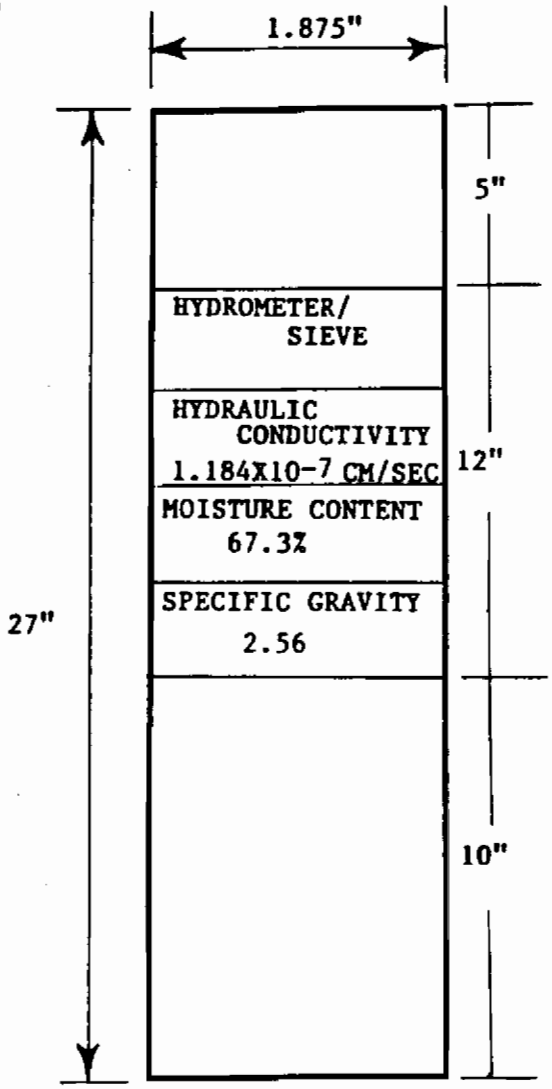
TESTED AT: SCI, CHARLESTON, S.C. | APPROVED BY: [signature] | DATE: 10-19-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	15'	17'	SHELBY TUBE NO. GRDH-001	PUSHED	94-1814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
GRAY	VERY MOIST	SEMI-SOLID	BANDED	SAND & CLAY		SM-SP &
						CL

ω 67.3 % | γ_d 1.04 g/cc

REMARKS

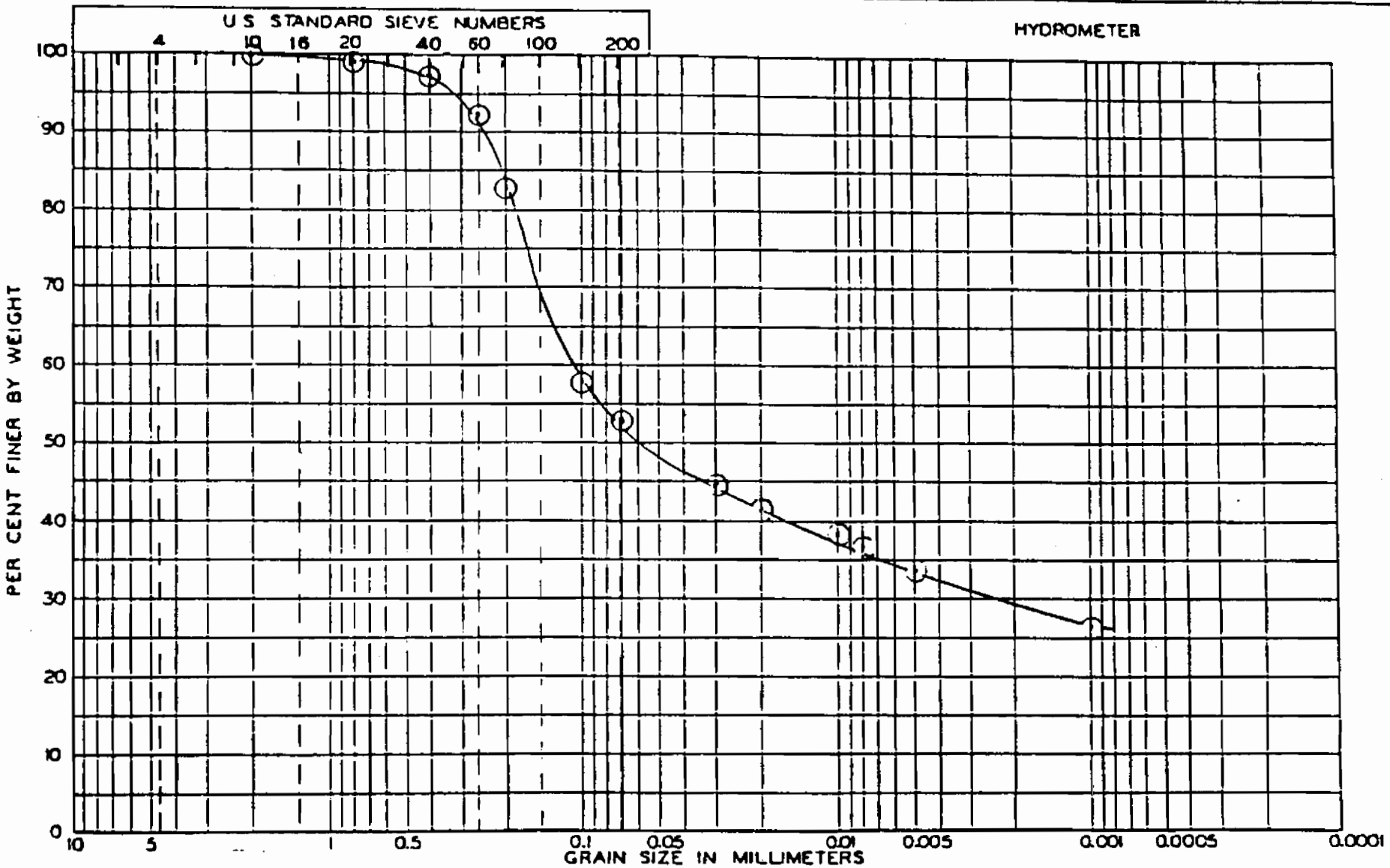


GRAY FINE SAND WITH SLIGHT INORGANIC CLAY & DECAYED ROOT CONTENT.

GRAY INORGANIC CLAY WITH SLIGHT SAND CONTENT.

GRAY FINE SAND.

SCI NUMBER: 94-1814



FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. GRDH-001

DEPTH 15'-17' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

DCL - 1

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420

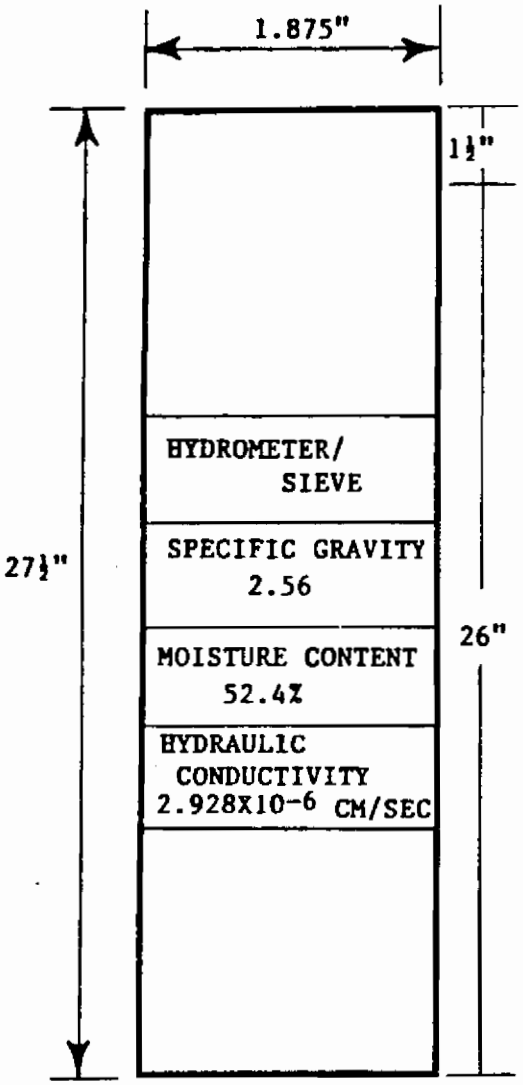
TESTED AT: SCI, CHARLESTON, S.C. | APPROVED BY: [signature] | DATE: 10-19-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	73'	75'	SHELBY TUBE NO. 09-07D	PUSHED	94-1814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
GRAY &	MOIST	SOLID	BANDED	CLAY, SILT,		SM-SP &
BROWNISH				SAND		**MH
GREEN						

ω 52.4 % | γ_d 1.20 g/cc

REMARKS

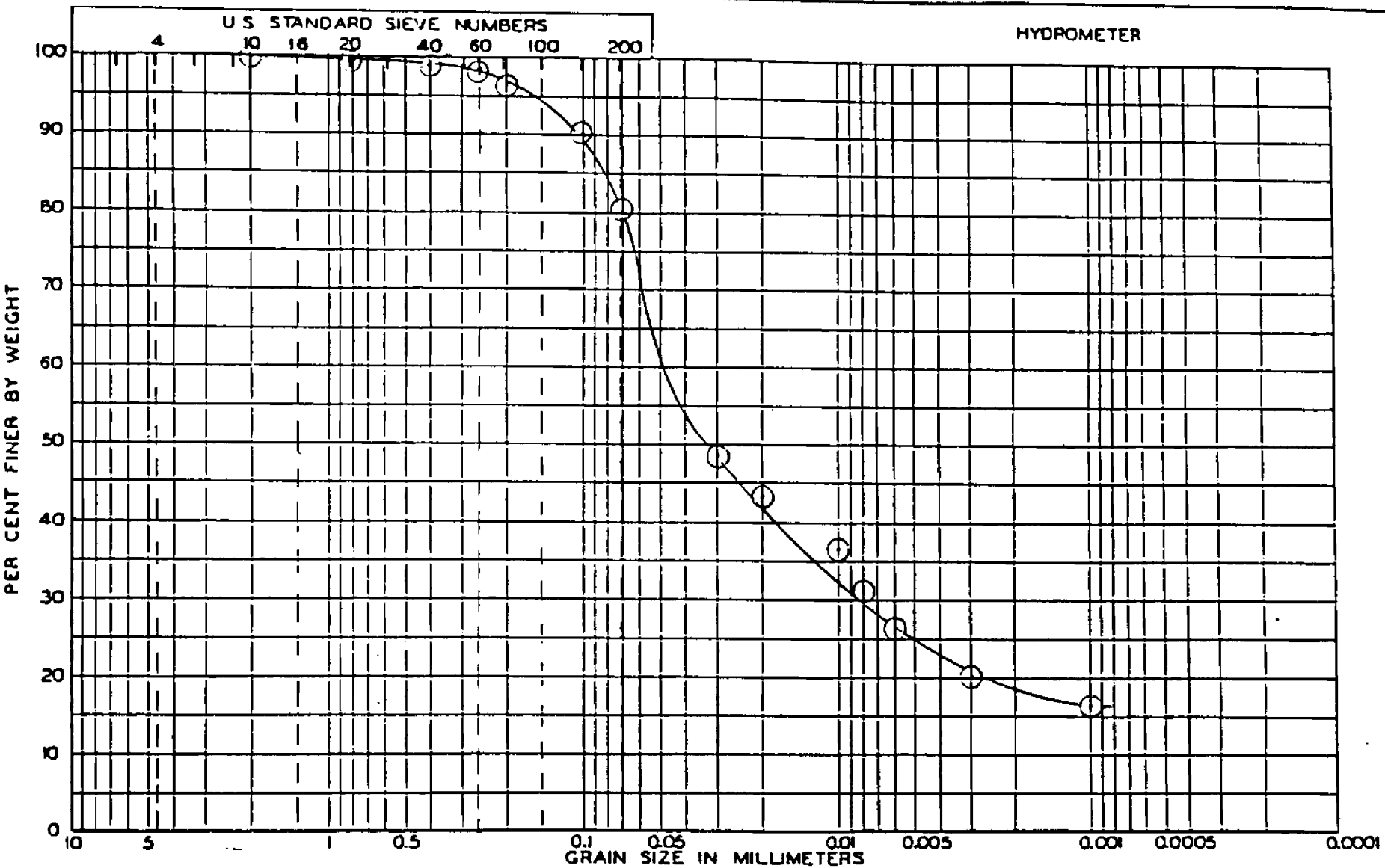


GRAY FINE SAND WITH SLIGHT INORGANIC CLAY & SHELL CONTENT.

BROWNISH GREEN CALCAREOUS CLAY WITH SLIGHT SAND CONTENT.

**LOCALLY CALLED MARL

SCI NUMBER: 94-1814



FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. 09-07D

DEPTH 73'-75' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

DCL - 1

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.
CONTRACT TASK ORDER 2909-08420

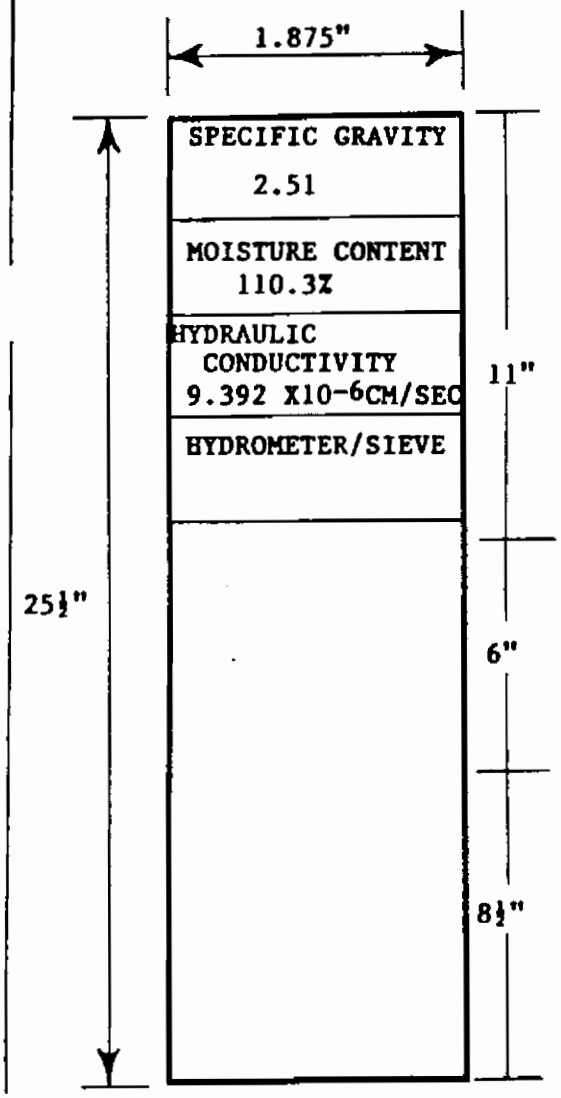
TESTED AT SCI, CHARLESTON, S.C. APPROVED BY Dianne M Stoh DATE 11-11-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	14'	16'	SHELBY TUBE NO. 09-13	PUSHED	94-1814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
GRAY	VERY MOIST	PLASTIC	BANDED	CLAY, SILT, SAND		OH & OL

ω 110.3% γ_d 0.76 g/cc

REMARKS

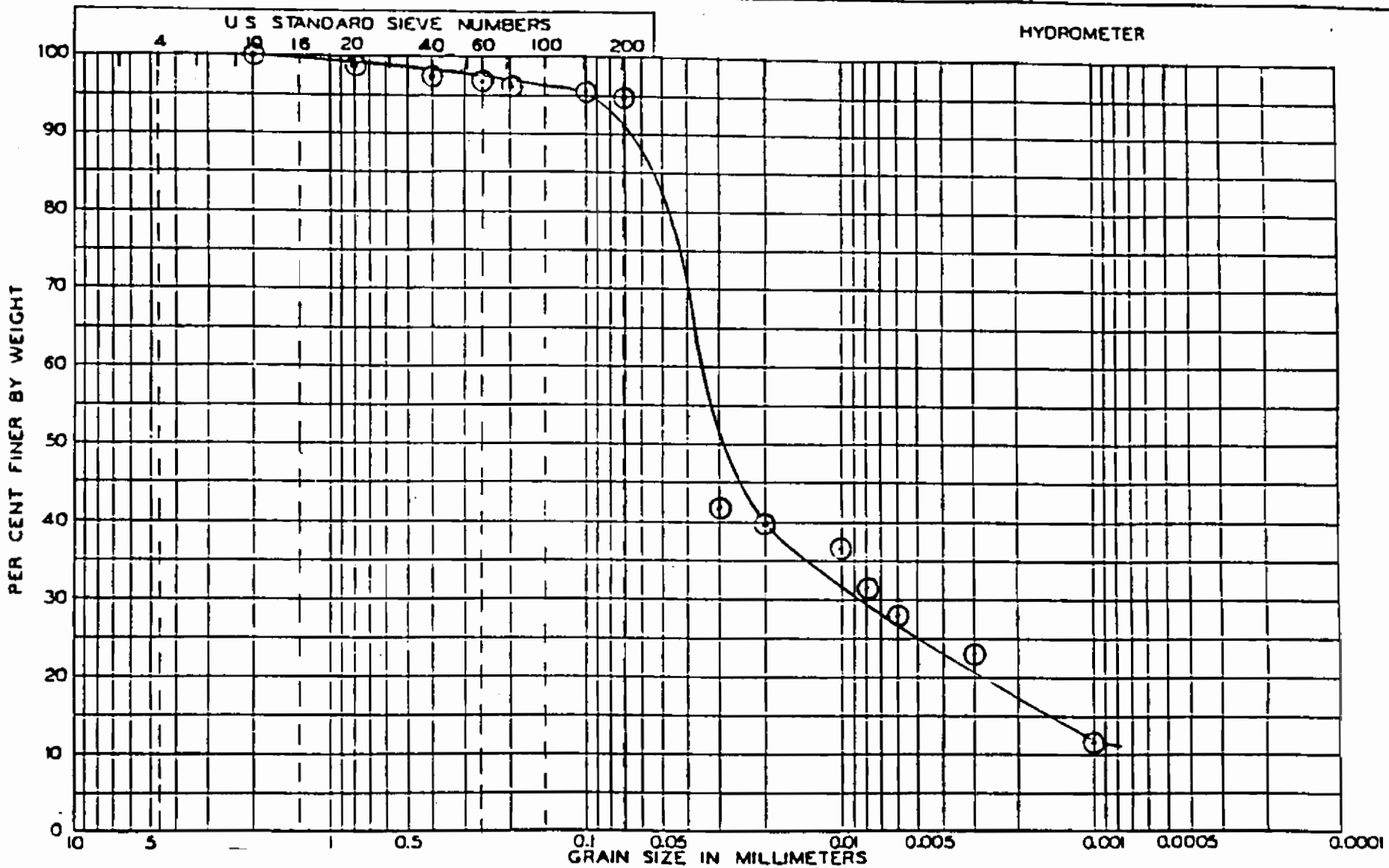


GRAY ORGANIC CLAY WITH VERY SLIGHT SAND AND DECAYED ROOT CONTENT.

GRAY ORGANIC CLAY WITH VERY SLIGHT SAND & DECAYED ROOT CONTENT, HAVING VERY HIGH SAND WITH SLIGHT SHELL & DECAYED ROOT CONTENT ALONG THE SIDE.

DARK GRAY ORGANIC CLAY WITH HIGH SAND, ROOT, AND SLIGHT SHELL CONTENT.

SCI NUMBER: 94-1814



FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. 09-13

DEPTH 14'-16' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

DCL-3

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.
CONTRACT TASK ORDER 2909-08420

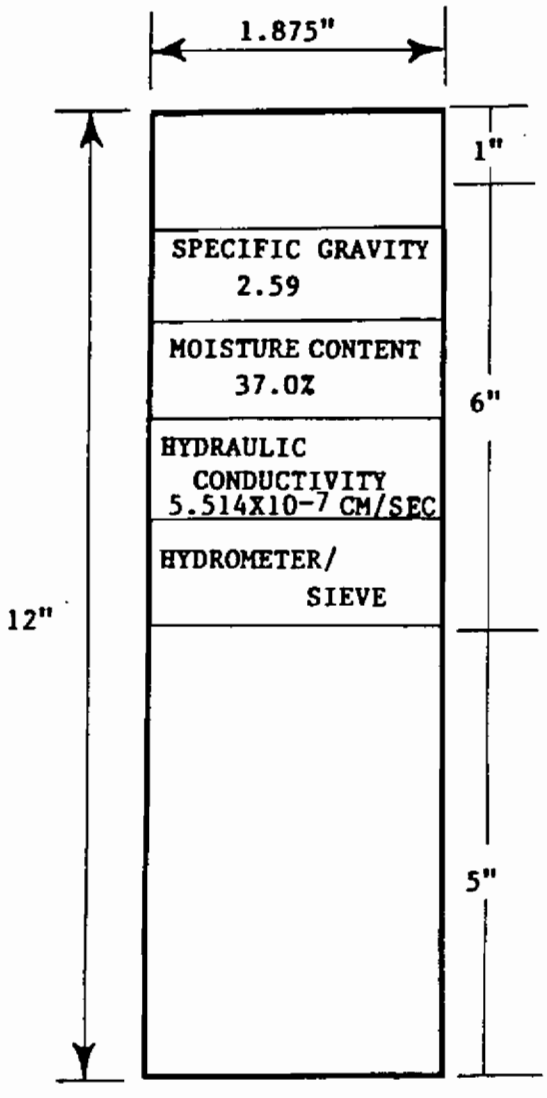
TESTED AT SCI, CHARLESTON, S.C. APPROVED BY [signature] DATE 11-11-94

FIELD SAMPLE NO	DEPTH (ft) From	DEPTH (ft) To	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	13½'	15½'	SHELBY TUBE NO. 09-14	PUSHED	94-1814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
GRAY	MOIST	SEMISOLID	BANDED	SAND &		SC &
				CLAY		SM-SP

ω 37.0 % γ_d 1.39 g/cc

REMARKS

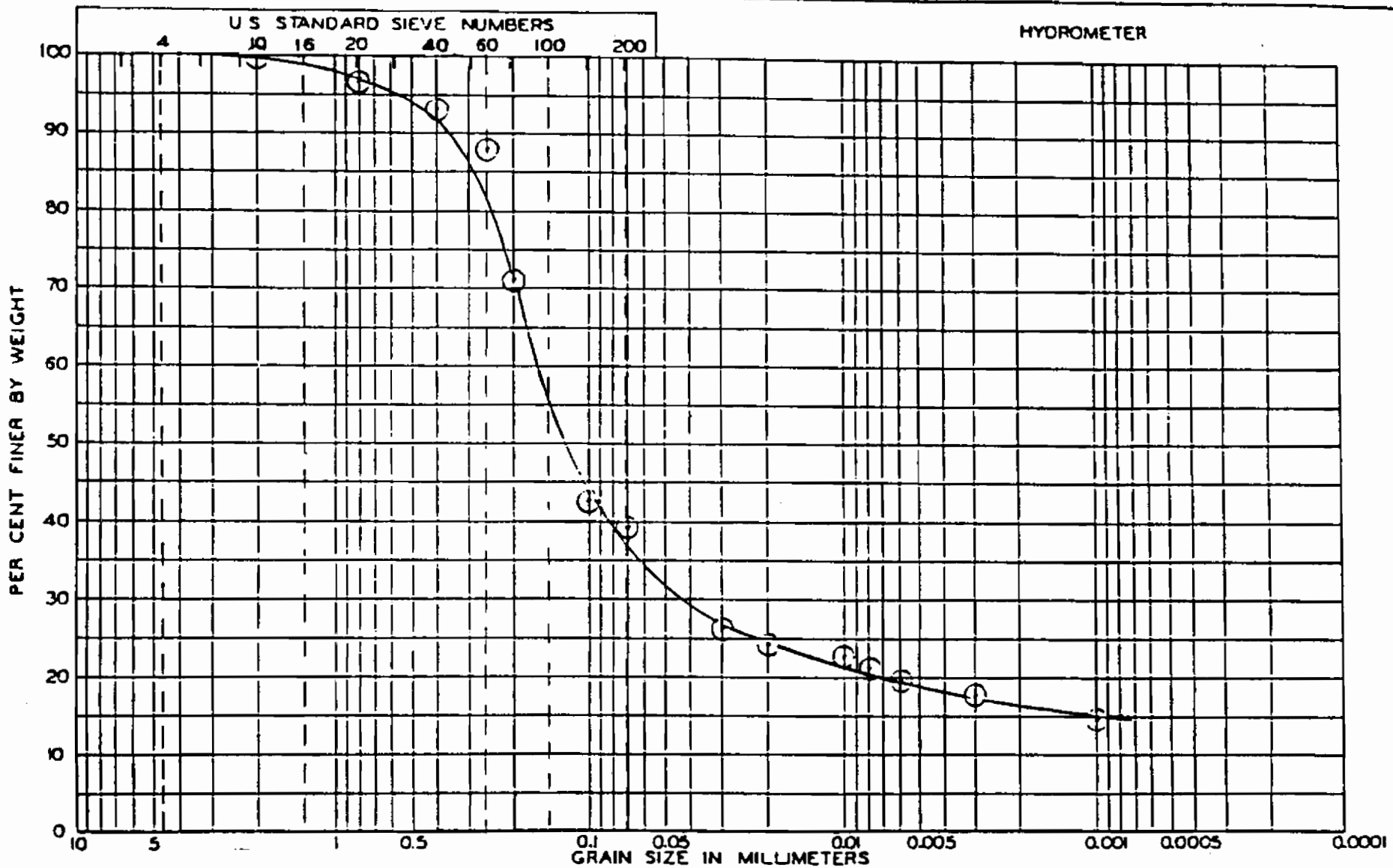


GRAY FINE SAND WITH SLIGHT ORGANIC CLAY CONTENT.

GRAY FINE SAND WITH MEDIUM TO HIGH ORGANIC CLAY, SLIGHT PHOSPHATE NODULE, PLASTIC DEBRIS, SHELL, AND DECAYED ROOT CONTENT.

GRAY FINE SAND WITH SLIGHT ORGANIC CLAY, SHELL, CEMENTED SAND NODULES AND MEDIUM AGGREGATE CONTENT.

SCI NUMBER: 94-1814



FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. 09-14

DEPTH 13½'-15½' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

DCL-4

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.
CONTRACT TASK ORDER 2909-08420

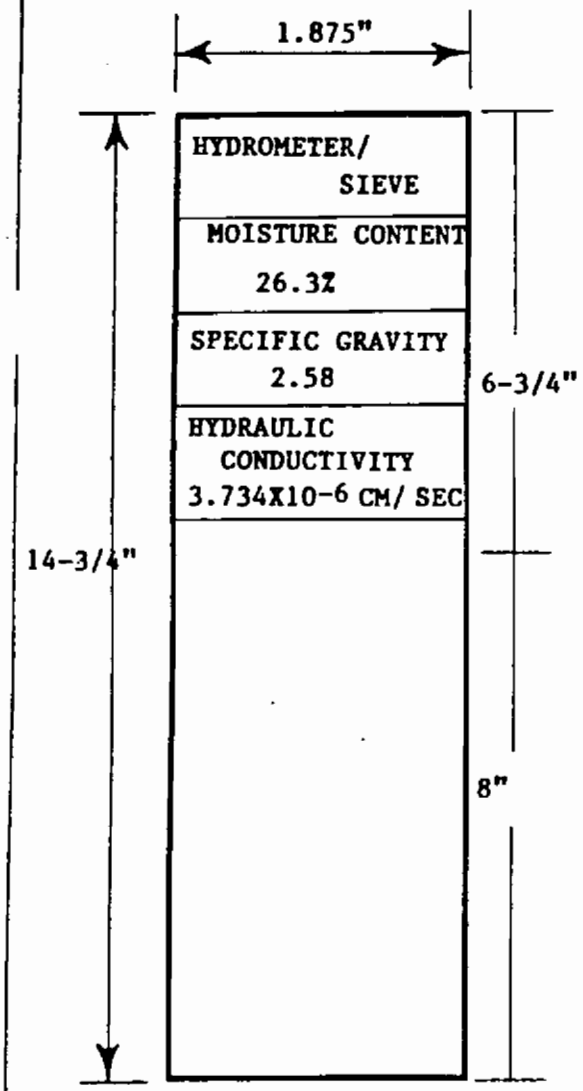
TESTED AT	APPROVED BY	DATE
SCI, CHARLESTON, S.C.		11-11-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	13'	15'	SHELBY TUBE NO. 09-15	PUSHED	94-1814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
BROWN &	MOIST	SEMISOLID	BANDED	SAND		SC &
GRAY				WITH CLAY		SM-SP

ω 26.3 % γ_d 1.58 g/cc

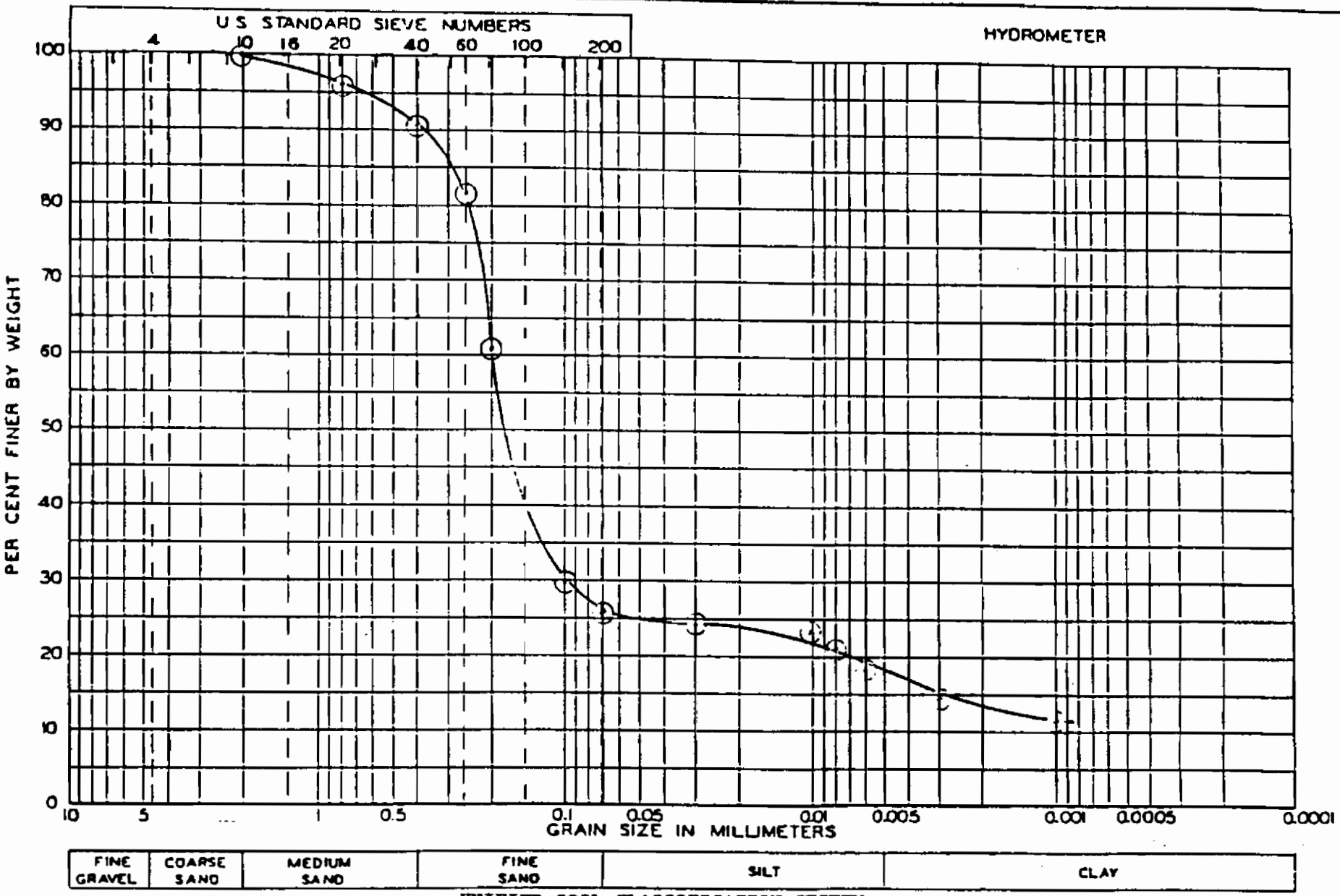
REMARKS



BROWN FINE SAND WITH MEDIUM TO HIGH ORGANIC CLAY WITH SLIGHT SHELL, PHOSPHATE NODULE, AGGREGATE, AND DECAYED ROOT CONTENT.

GRAY FINE SAND WITH SLIGHT ORGANIC CLAY AND SHELL CONTENT, WITH ODOR.

SCI NUMBER: 94-1814



UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. 09-15

DEPTH 13'-15' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420

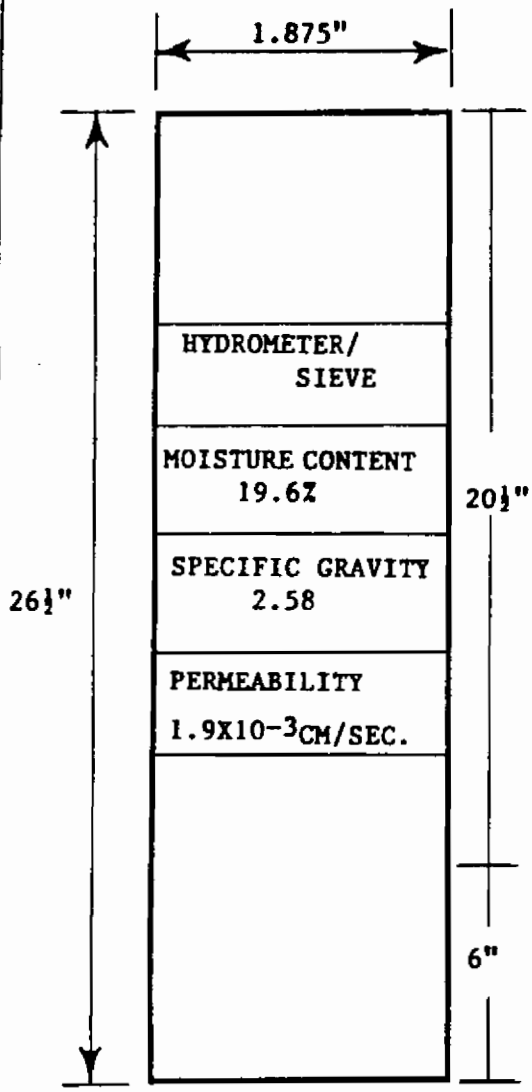
TESTED AT: SCI, CHARLESTON, S.C. | APPROVED BY: [signature] | DATE: 10-19-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	10'	12'	SHELBY TUBE NO. 017-004	PUSHED	94-1814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
GRAY, TAN, & BLACK	MOIST	SEMI-SOLID	BANDED	SAND		SM-SP

ω 19.6% γ_d 1.54 g/cc

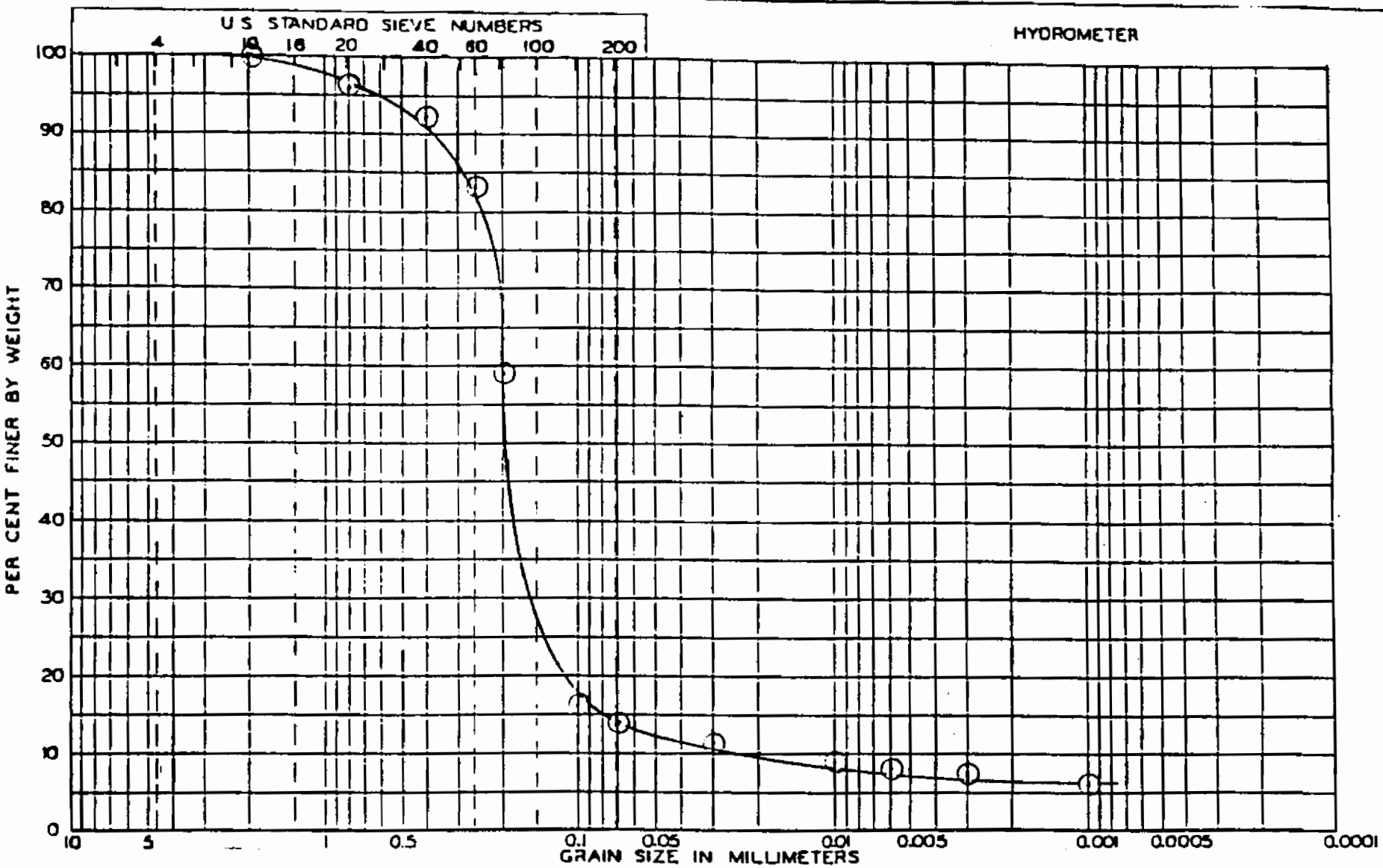
REMARKS



GRAY & TAN FINE SAND WITH SLIGHT SHELL, ORGANIC CLAY, PLASTIC DEBRIS, & DECAYED ROOT CONTENT WITH STRONG ODOR.

BLACK FINE TO MEDIUM SAND WITH SLIGHT SHELL CONTENT.

SCI NUMBER: 94-1814



FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C. CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. 017-004

DEPTH 10'-12' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

DCL - 3

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.
CONTRACT TASK ORDER 2909-08420

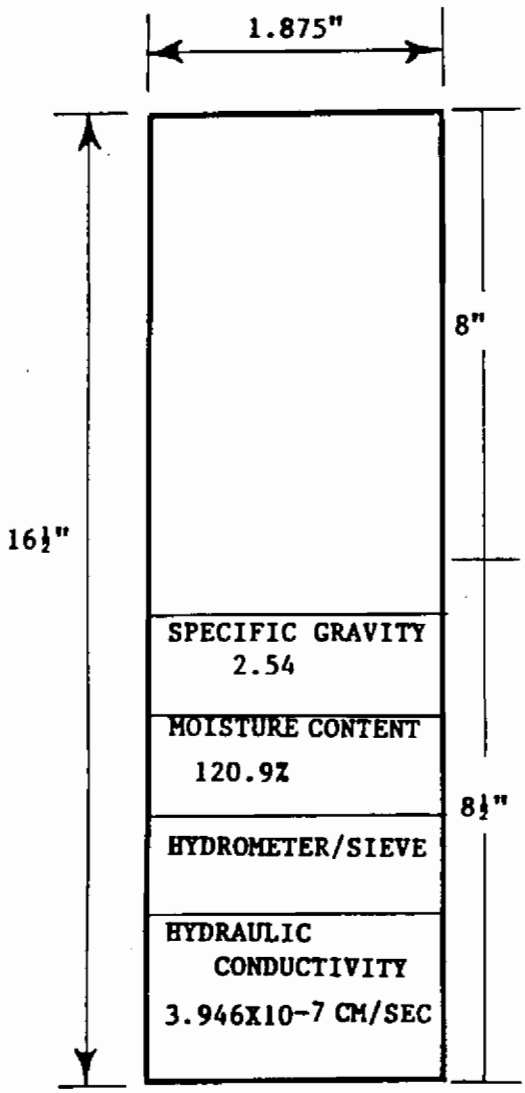
TESTED AT SCI, CHARLESTON, S.C. APPROVED BY [signature] DATE 11-11-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	10'	12'	SHELBY TUBE NO. 121-01	PUSHED	941814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
GRAY	VERY MOIST	PLASTIC	BANDED	CLAY, SILT & SAND		OH & SM-SP

ω 120.9% γ_d 0.73 g/cc

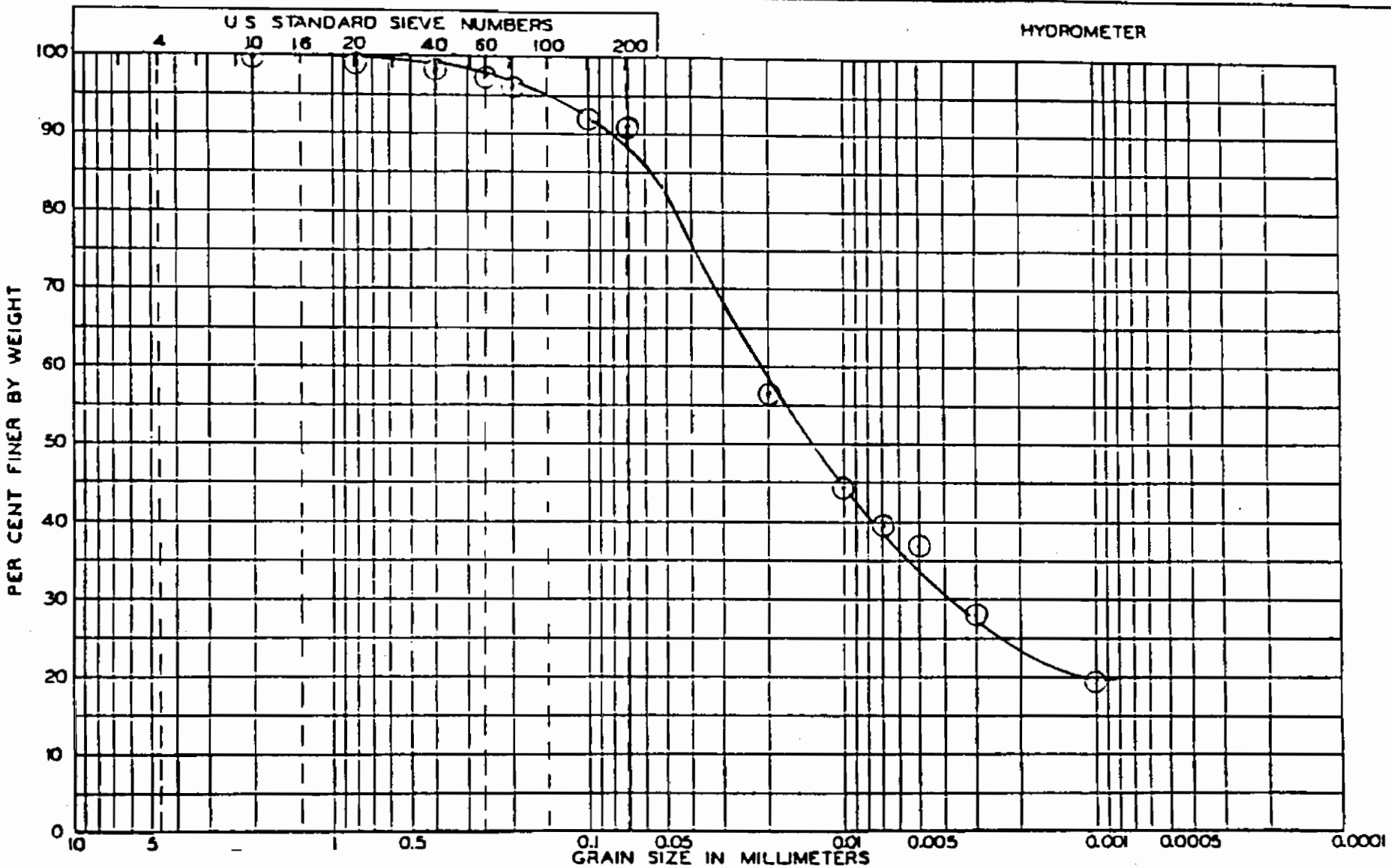
REMARKS



GRAY FINE SAND WITH MEDIUM SMALL AGGREGATE, DECAYED ROOT AND PLASTIC BAG DEBRIS CONTENT.

GRAY ORGANIC CLAY WITH VERY SLIGHT SAND, SLIGHT SHELL AND PLASTIC BAG DEBRIS CONTENT.

SCI NUMBER: 94-1814



FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C. CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. 121-01

DEPTH 10'-12' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420

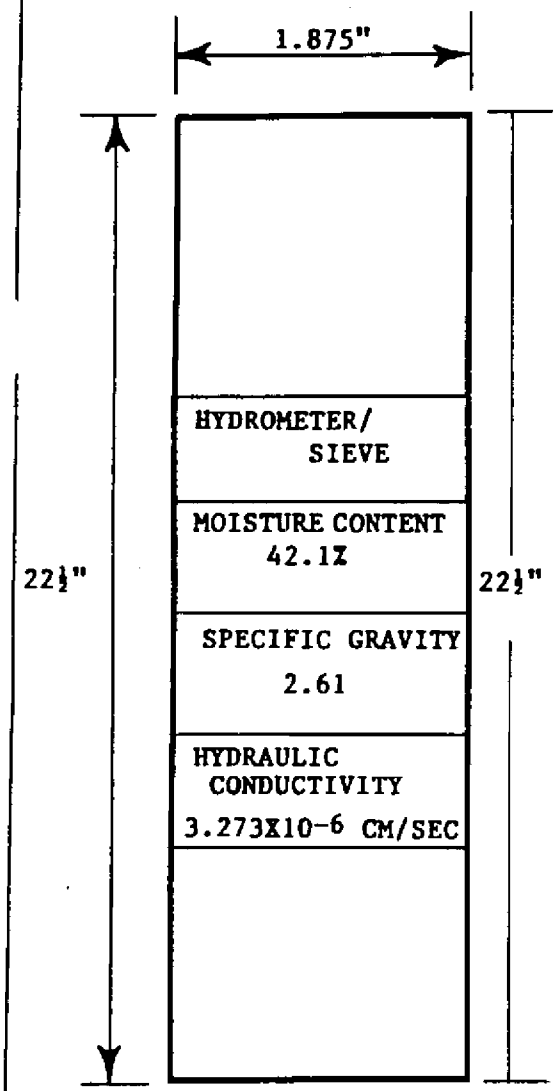
TESTED AT: SCI, CHARLESTON, S.C. | APPROVED BY: [signature] | DATE: 10-19-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	10"	12"	SHELBY TUBE NO. 178-402	PUSHED	94-1814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
BROWNISH	MOIST	SOLID	UNIFORM	CLAY,		**MH
GREEN				SILT		

ω 42.1 % | γ_d 1.22 g/cc

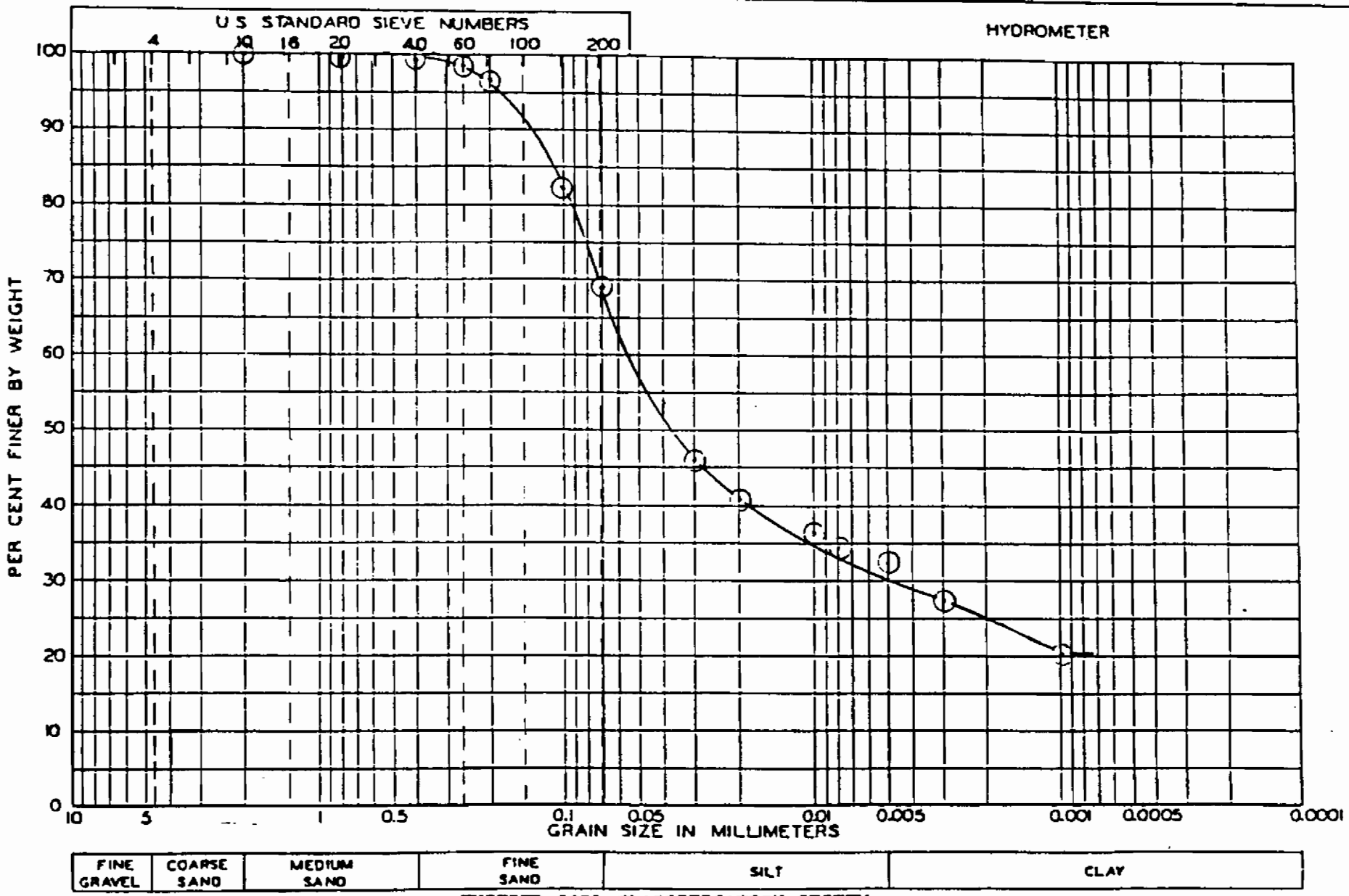
REMARKS



BROWNISH GREEN CALCAREOUS CLAY WITH SLIGHT SAND CONTENT.

**LOCALLY CALLED MARL

SCI NUMBER: 94-1814



FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. 178-402

DEPTH 10'-12' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420

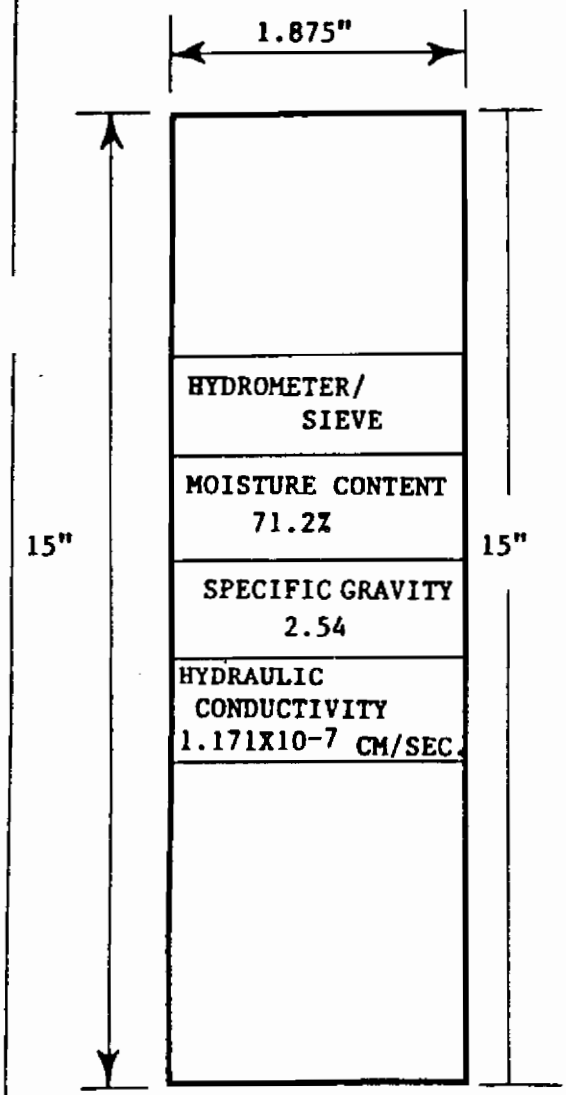
TESTED AT: SCI, CHARLESTON, S.C. | APPROVED BY: [signature] | DATE: 10-19-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	10'	12'	SHELBY TUBE NO. SRDH-401	PUSHED	94-1814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
GRAY	VERY MOIST	PLASTIC	UNIFORM	CLAY, SAND, SILT		CH

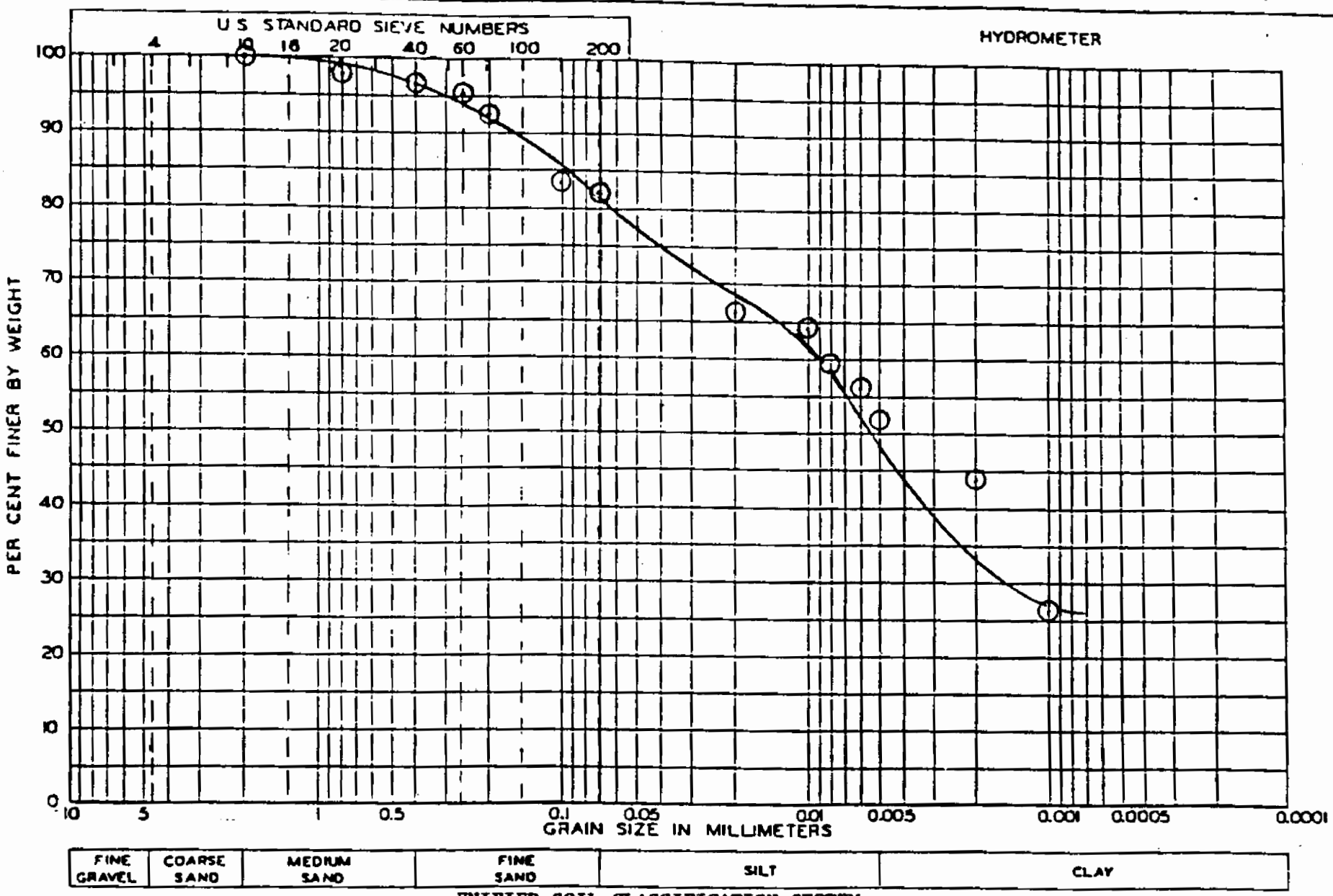
ω 71.2 % | γ_d 0.88 g/cc

REMARKS



GRAY INORGANIC CLAY WITH SLIGHT SAND, SILT, AND DECAYED ROOT CONTENT.

SCI NUMBER: 94-1814



UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C. CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. SRDH-401

DEPTH 10'-12' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

DCL-4

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420

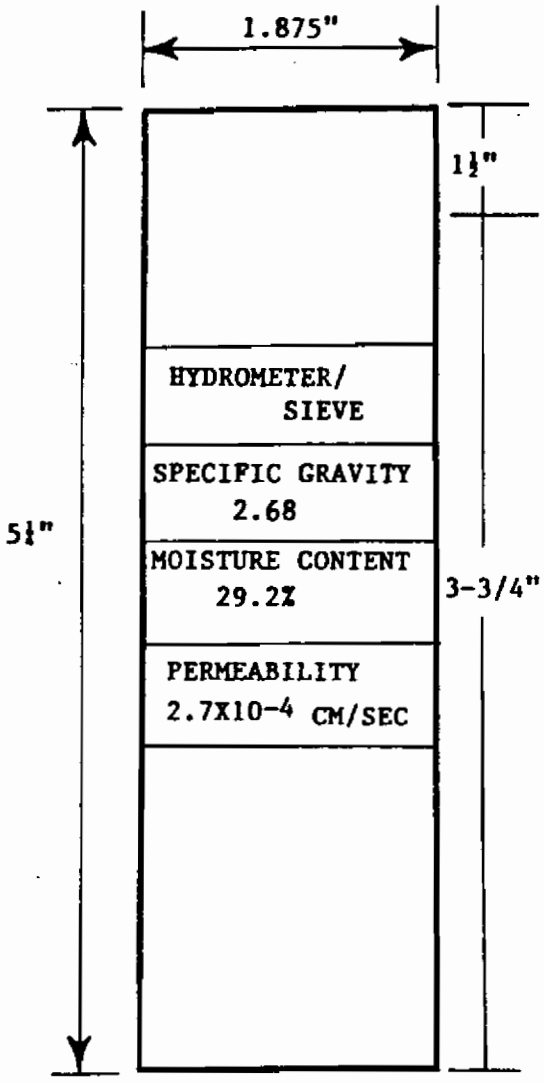
TESTED AT	APPROVED BY	DATE
SCI, CHARLESTON, S.C.	[signature]	10-19-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	10'	12'	SHELBY TUBE NO. AOC 653-02	PUSHED	94-1814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
GRAY	MOIST	SEMI-SOLID	BANDED	SAND &		SM-SP
				CLAY		WITH CL

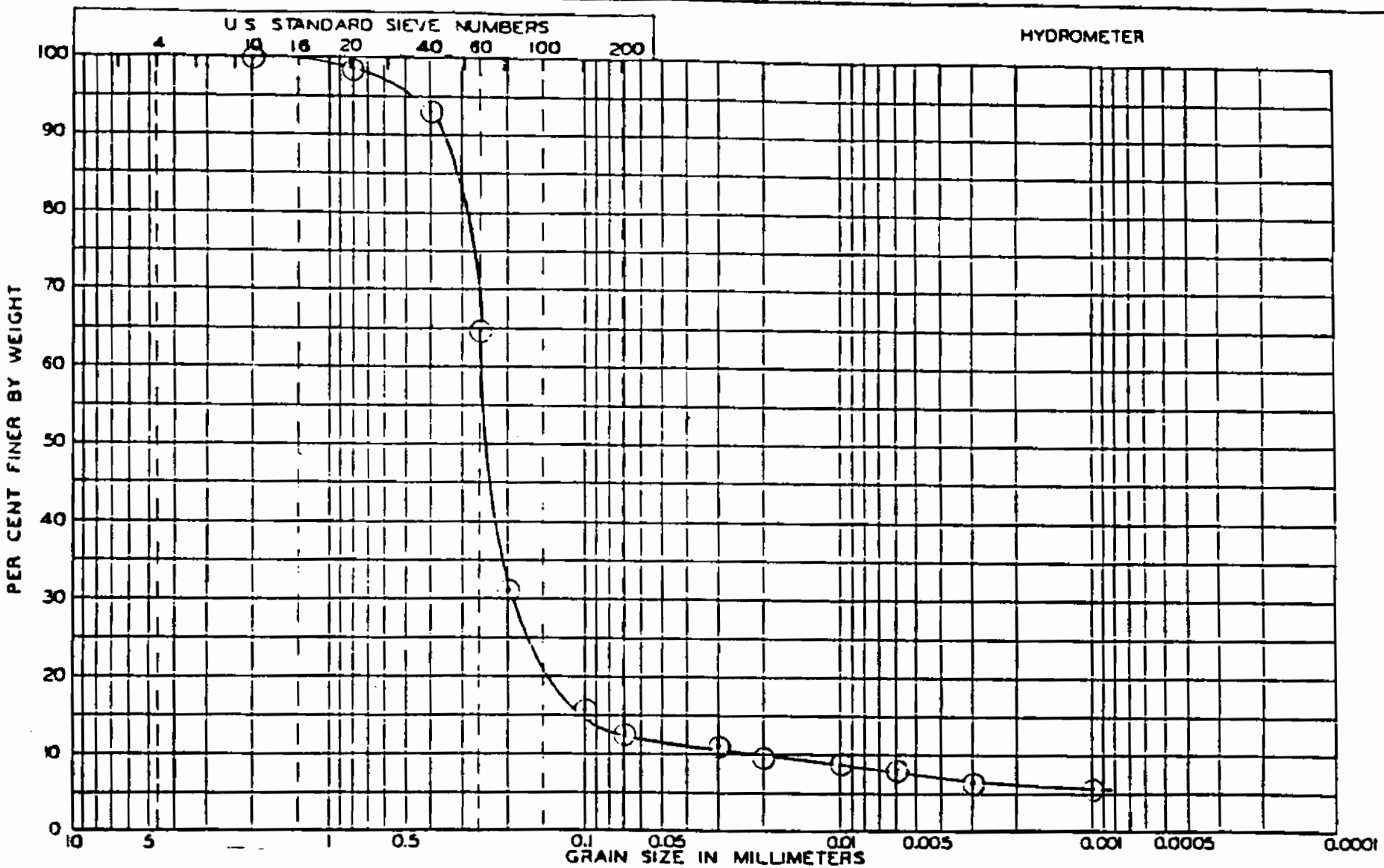
ω 29.2 % γ_d 1.43 g/cc

REMARKS



VERY SOFT GRAY INORGANIC CLAY WITH HIGH SAND CONTENT.

GRAY FINE TO MEDIUM SAND WITH SLIGHT INORGANIC CLAY & SHELL CONTENT.



UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C. CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. AOC 653-02

DEPTH 10'-12' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420

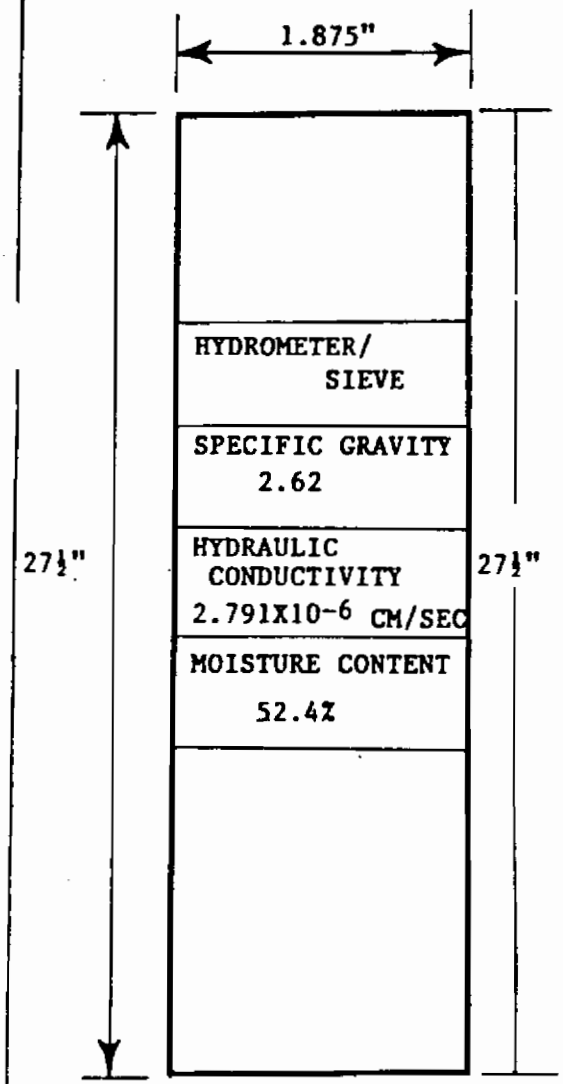
TESTED AT: SCI, CHARLESTON, S.C. | APPROVED BY: [signature] | DATE: 10-19-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	10'	12'	SHELBY TUBE NO. 660-02	PUSHED	94-1814

COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
BROWNISH	MOIST	SOLID	UNIFORM	CLAY, SILT		**MH
GREEN						

ω 52.4 % | γ_d 1.11 g/cc

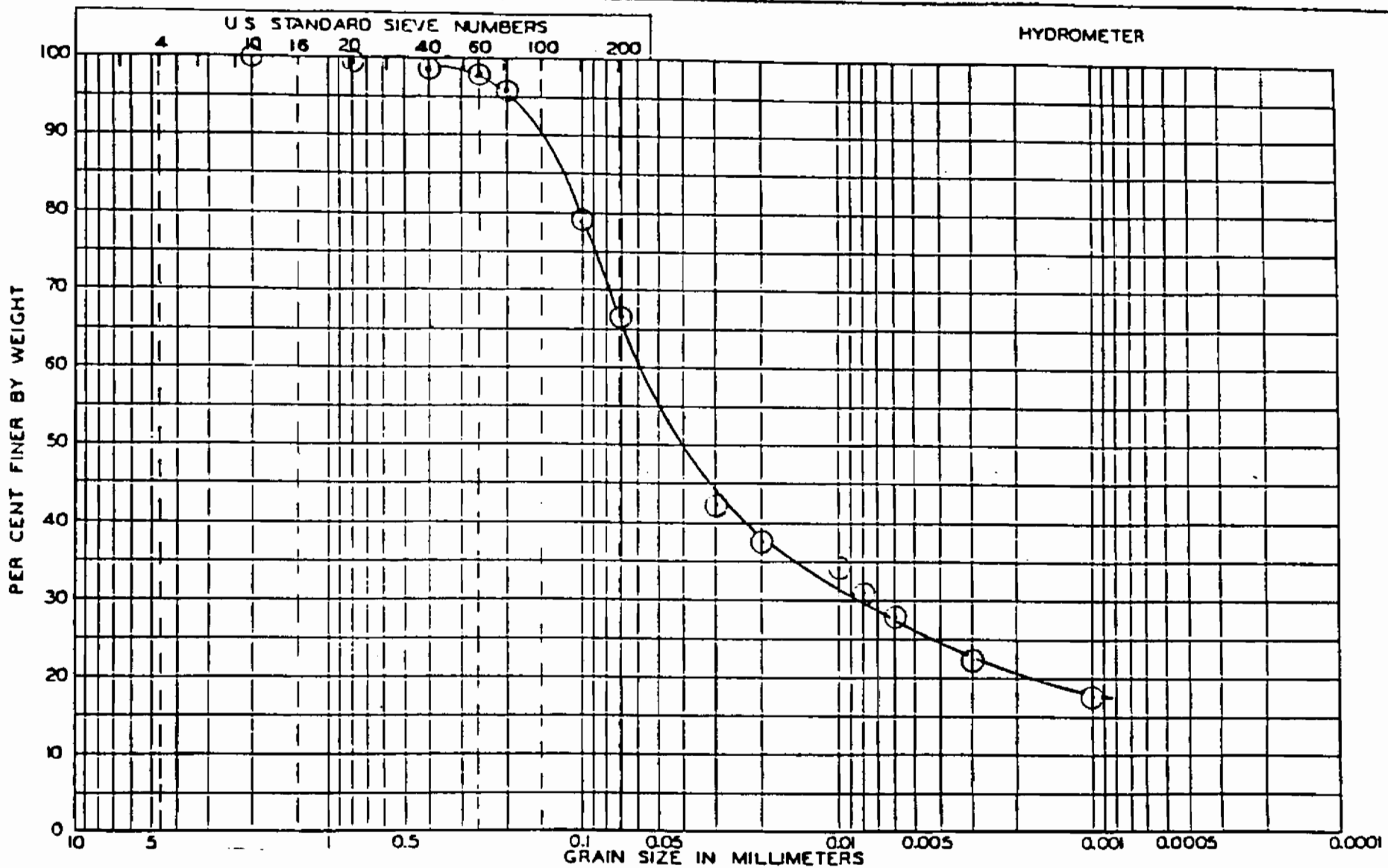
REMARKS



BROWNISH GREEN CALCAREOUS CLAY WITH SLIGHT SAND CONTENT.

**LOCALLY CALLED MARL

SCI NUMBER: 94-1814



FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO 660-02

DEPTH 10'-12' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

MATERIALS TESTING REPORT	SOIL CONSULTANTS, INC.	UNDISTURBED SAMPLE CHARACTERISTICS

PROJECT and STATE: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C. CONTRACT TASK ORDER 2909-08420

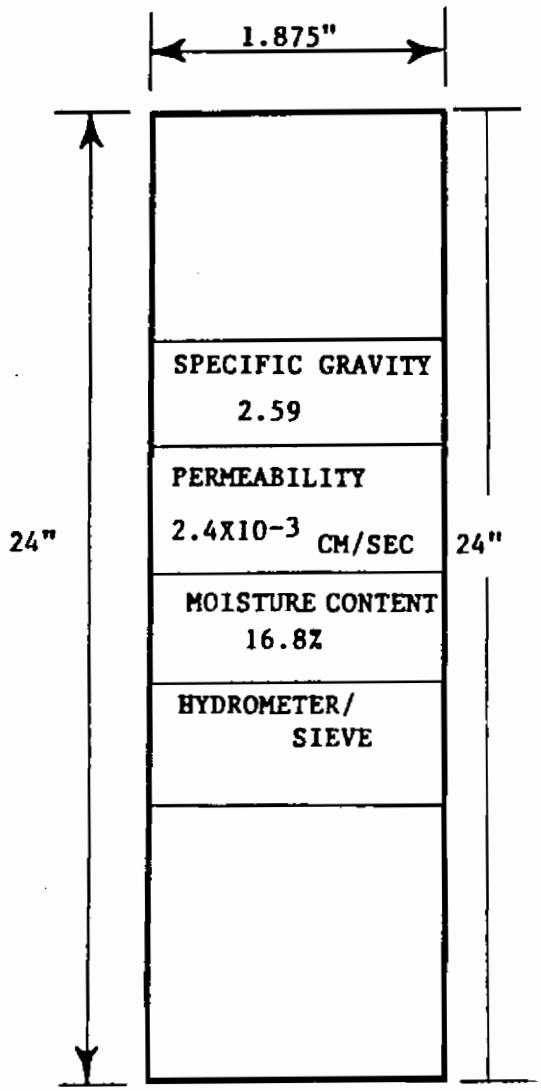
TESTED AT: SCI, CHARLESTON, S.C. | APPROVED BY: [signature] | DATE: 10-19-94

FIELD SAMPLE NO	DEPTH (ft) from	DEPTH (ft) to	SAMPLE LOCATION	TYPE OF SAMPLE	LABORATORY NO
	10'	12'	SHELBY TUBE NO. 662-02	PUSHED	94-1814

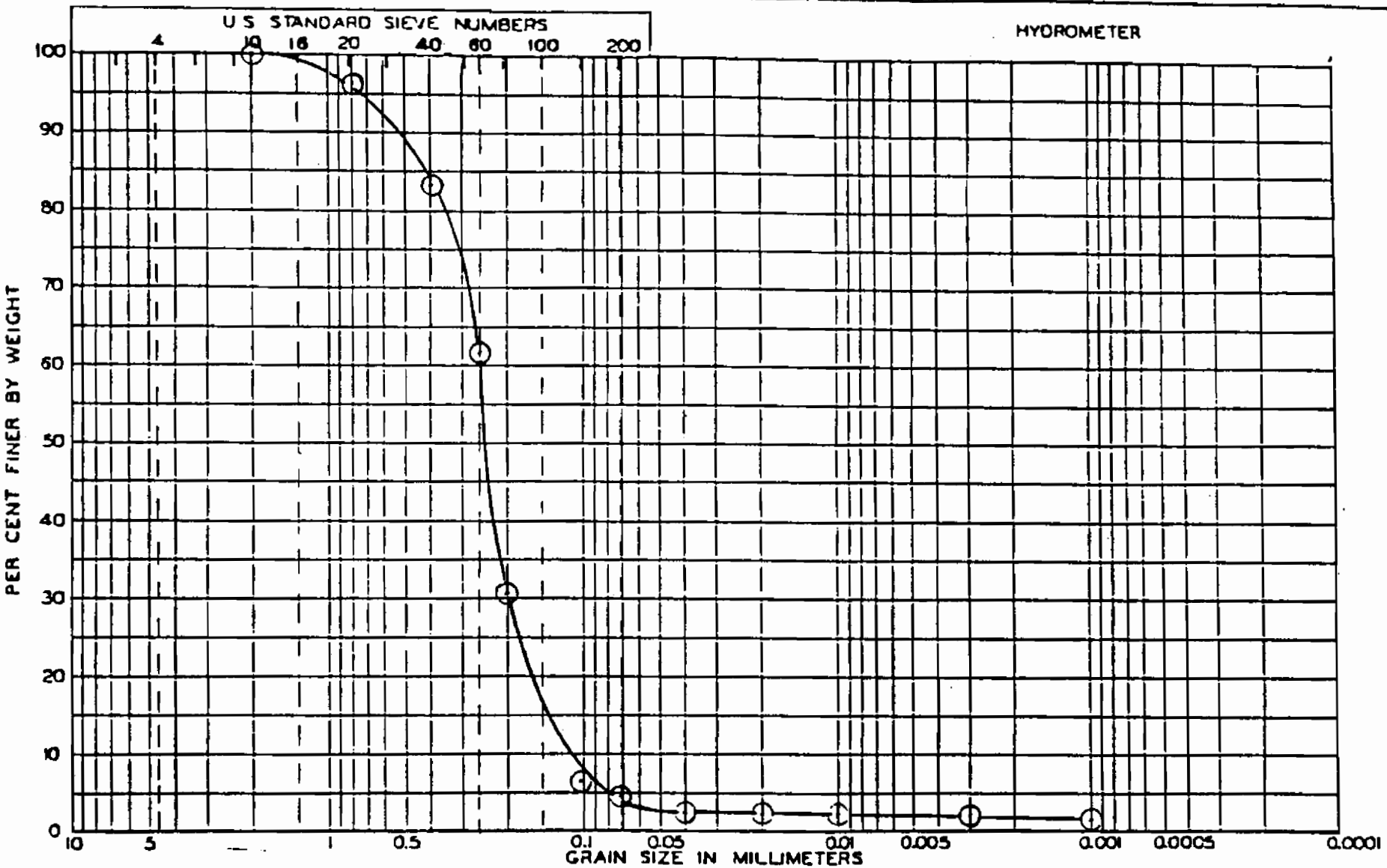
COLOR	RELATIVE MOISTURE	CONSISTENCY	POROSITY OR STRUCTURE	TEXTURE	POCKET PENETROMETER (TSF)	VISUAL CLASSIFICATION (USCS)
GRAY	DAMP	SEMI-SOLID	UNIFORM	SAND		SM-SP

ω 16.8 % | γ_d 1.62 g/cc

REMARKS



GRAY FINE TO MEDIUM SAND WITH SLIGHT INORGANIC CLAY CONTENT.



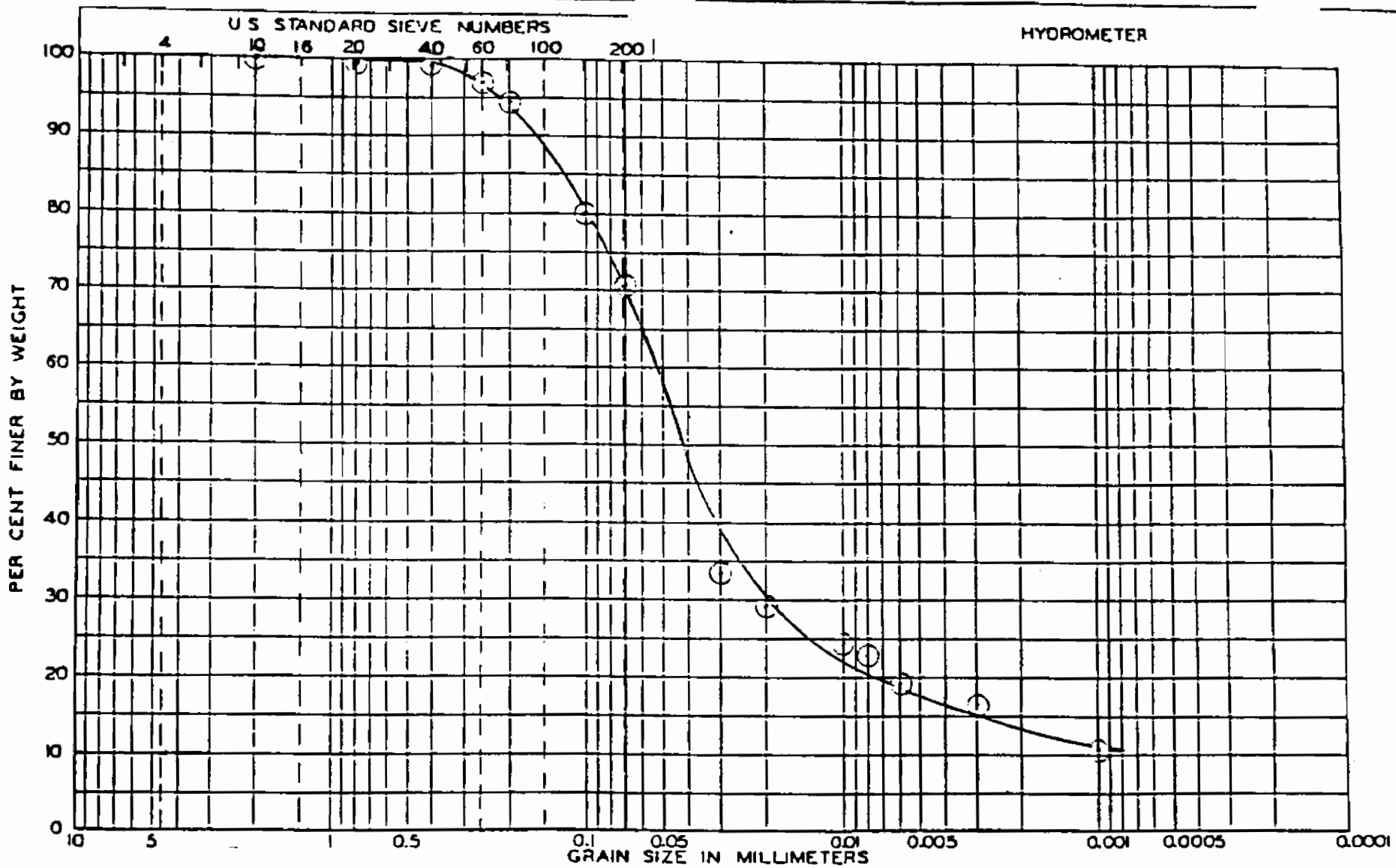
FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420 BORING NO _____ SAMPLE NO. 662-02

DEPTH 10'-12' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM



FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

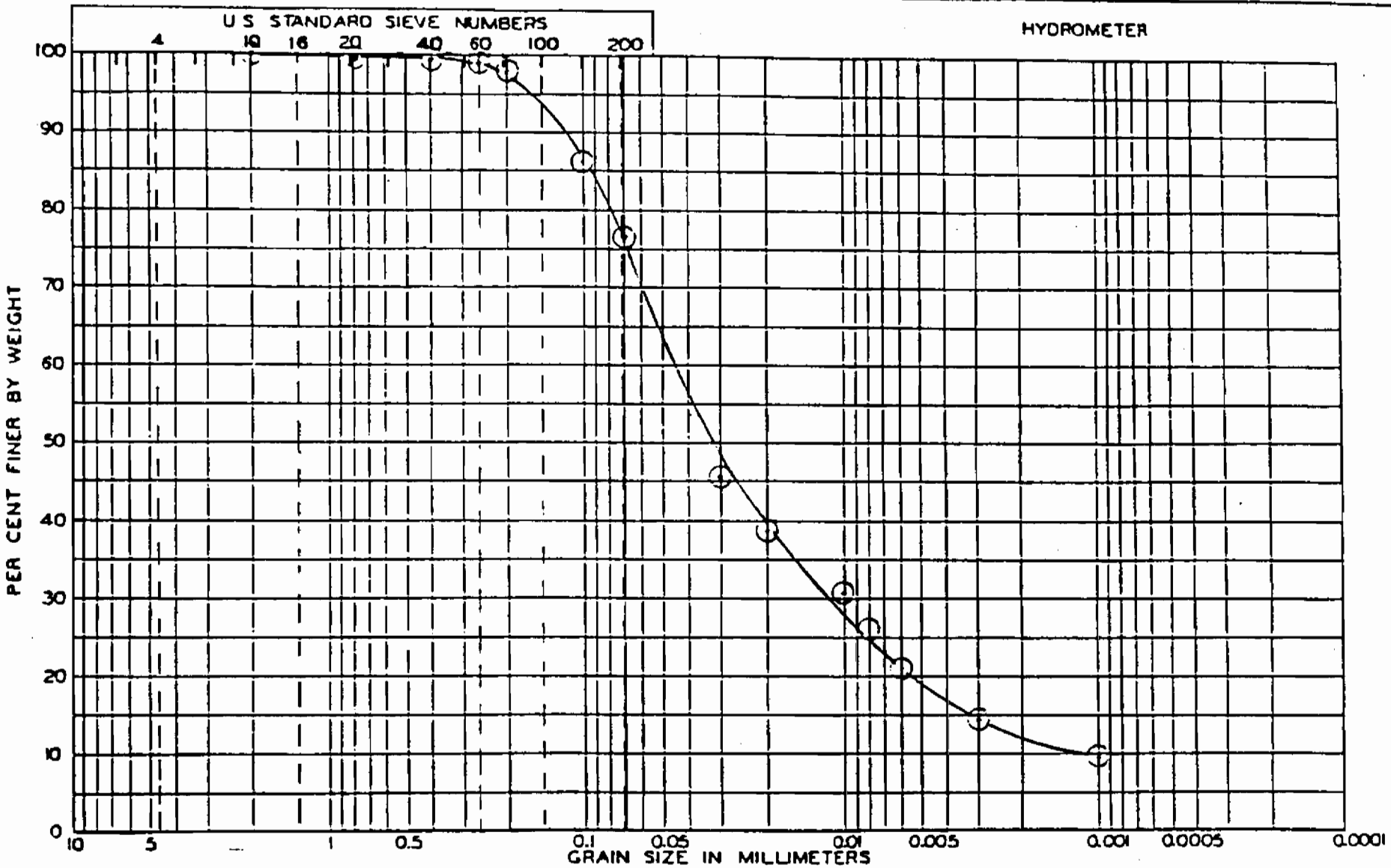
UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420 BORING NO CORE SAMPLE SAMPLE NO. GDH-05D

DEPTH 63'-65' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

SCI NUMBER: 94-1814



FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

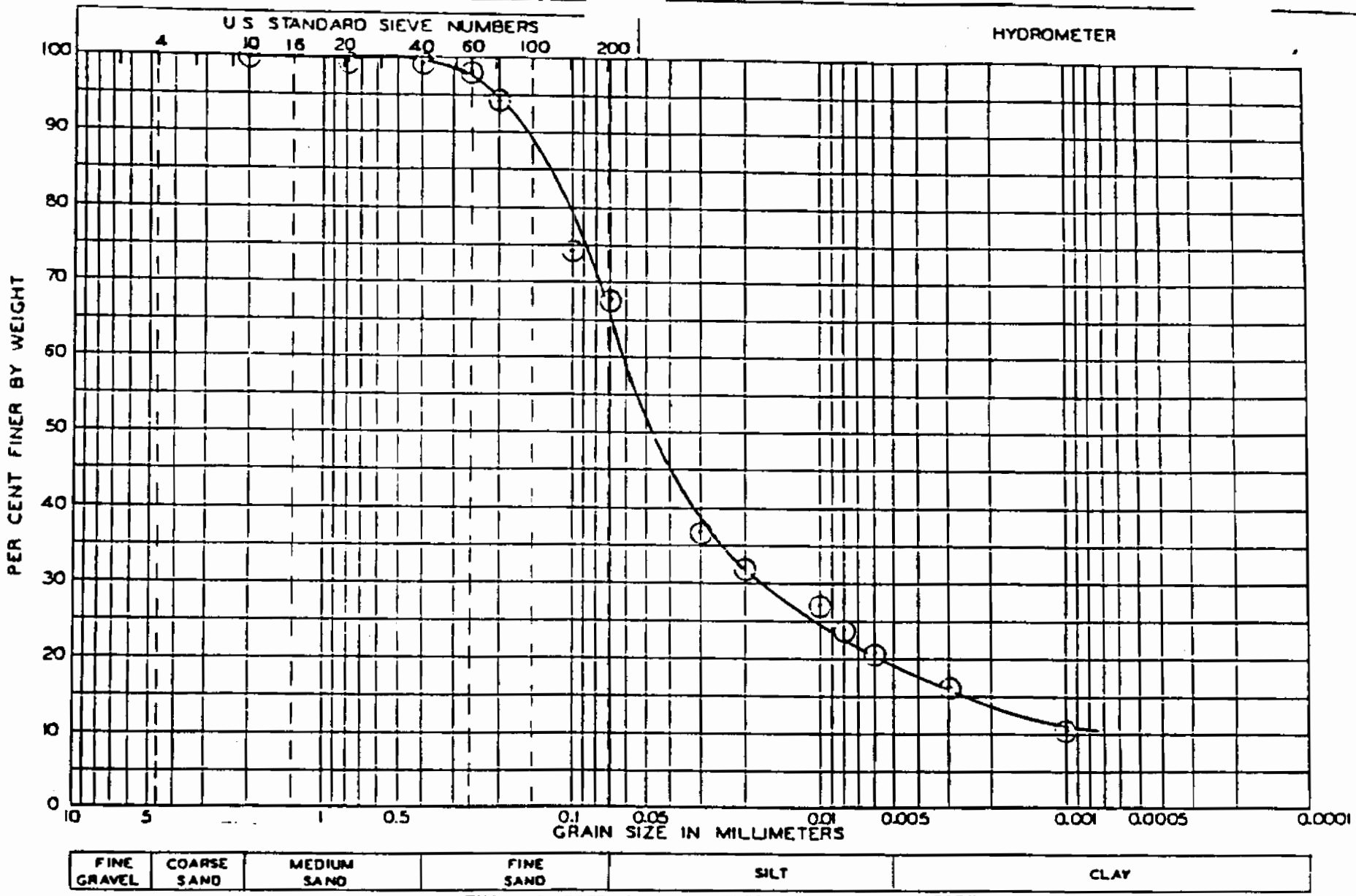
UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420 BORING NO CORE SAMPLE SAMPLE NO. GDH-07D

DEPTH 45'-46' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

DCL-3



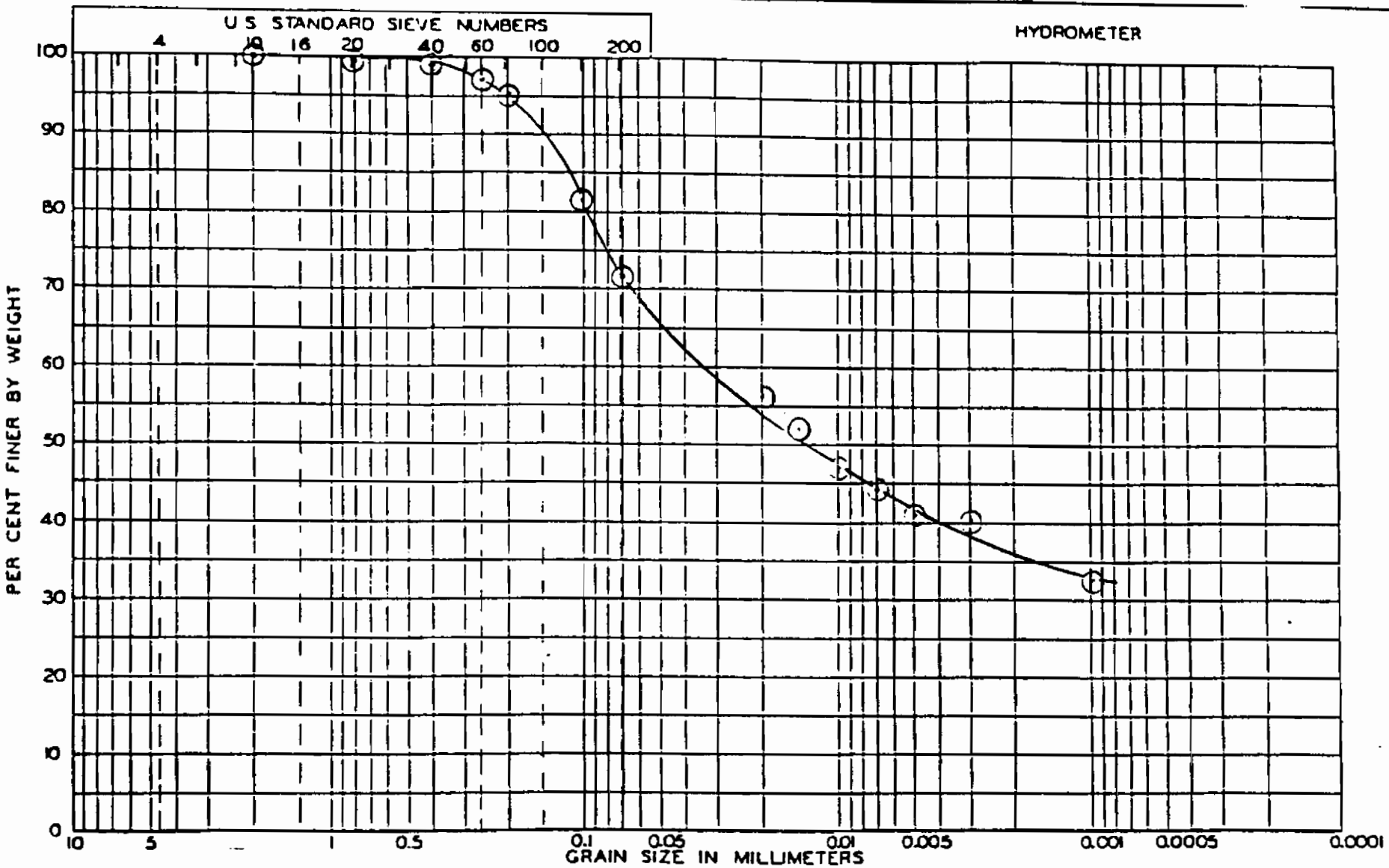
UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C., CONTRACT TASK ORDER 2909-08420 BORING NO CORE SAMPLE SAMPLE NO. GDH-011D

DEPTH 58'-65' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

SCI NUMBER: 94-1814



FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION SYSTEM

PROJECT CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C. CONTRACT TASK ORDER 2909-08420 BORING NO CORE SAMPLE SAMPLE NO. 09-02D

DEPTH 55' ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM

SOIL CONSULTANTS, INC.

FOUNDATION AND TESTING ENGINEERS
P.O. DRAWER 698, CHARLESTON, S.C. 29402

SCI NO. 94-1814

REPORT OF SIEVE ANALYSIS TEST

REQUESTED BY: ENSAFE/ALLEN & HOSHALL

PROJECT: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.

SAMPLE: GRDH-05D 53'-63' COMPOSITE SAMPLE

ASTM C136 ASTM D1140

SIEVE SIZE	SPEC. LIMITS	TEST RESULTS % PASSING
2"		
1-1/2"		
1-1/4"		
1"		
3/4"		
1/2"		
3/8"		
1/4"		
NO. 4		100
NO. 8		99.94
NO. 10		99.88
NO. 16		
NO. 20		97.0
NO. 30		
NO. 40		73.2
NO. 50		
NO. 60		58.1
NO. 80		41.8
NO. 100		34.0
NO. 140		
NO. 200		29.1
NO. 200W		29.1% PASSING

REMARKS:

A WASH 200 (ASTM D1140) WAS CONDUCTED PRIOR TO THE DRY SIEVE ANALYSIS, DUE TO THE PRESENCE OF CLAY IN THE SAMPLE, AS REQUESTED.

Respectfully Submitted:

SOIL CONSULTANTS, INC.

SOIL CONSULTANTS, INC.

FOUNDATION AND TESTING ENGINEERS
P.O. DRAWER 698, CHARLESTON, S.C. 29402

SCI NO. 94-1814

REPORT OF SIEVE ANALYSIS TEST

REQUESTED BY: ENSAFE/ALLEN & HOSHALL

PROJECT: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.

SAMPLE: GDH-10D 45'-63' COMPOSITE SAMPLE

ASTM C136 ASTM D1140

SIEVE SIZE	SPEC. LIMITS	TEST RESULTS % PASSING
2"		
1-1/2"		
1-1/4"		
1"		
3/4"		
1/2"		
3/8"		
1/4"		100
NO. 4		99.97
NO. 8		99.5
NO. 10		99.3
NO. 16		
NO. 20		97.7
NO. 30		
NO. 40		96.8
NO. 50		
NO. 60		96.1
NO. 80		93.8
NO. 100		91.3
NO. 140		
NO. 200		87.6
NO. 200W		87.6% PASSING

REMARKS:

A WASH 200 (ASTM D1140) WAS CONDUCTED PRIOR TO THE DRY SIEVE ANALYSIS, DUE TO THE PRESENCE OF CLAY IN THE SAMPLE, AS REQUESTED.

Respectfully Submitted:

SOIL CONSULTANTS, INC.

SOIL CONSULTANTS, INC.

FOUNDATION AND TESTING ENGINEERS
P.O. DRAWER 698, CHARLESTON, S.C. 29402

SCI NO. 94-1814

REPORT OF SIEVE ANALYSIS TEST

REQUESTED BY: ENSAFE/ALLEN & HOSHALL

PROJECT: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.

SAMPLE: GRDH-06D 35'43' COMPOSITE SAMPLE

ASTM C136 ASTM D1140

SIEVE SIZE	SPEC. LIMITS	TEST RESULTS % PASSING
2"		
1-1/2"		
1-1/4"		
1"		
3/4"		
1/2"		
3/8"		
1/4"		
NO. 4		100
NO. 8		99.9
NO. 10		99.8
NO. 16		
NO. 20		97.9
NO. 30		
NO. 40		93.5
NO. 50		
NO. 60		71.7
NO. 80		24.7
NO. 100		16.8
NO. 140		
NO. 200		11.9
NO. 200W		11.6% PASSING

REMARKS;

A WASH 200 (ASTM D1140) WAS CONDUCTED PRIOR TO THE DRY SIEVE ANALYSIS, DUE TO THE PRESENCE OF CLAY IN THE

Respectfully Submitted:

SOIL CONSULTANTS, INC.

SOIL CONSULTANTS, INC.

FOUNDATION AND TESTING ENGINEERS
P.O. DRAWER 698, CHARLESTON, S.C. 29402

SCI NO. 94-1814

REPORT OF SIEVE ANALYSIS TEST

REQUESTED BY: ENSAFE/ALLEN & HOSHALL

PROJECT: CHARLESTON NAVAL BASE ZONE H INVESTIGATION
CHARLESTON, S.C. CONTRACT TASK ORDER 2909-08420

SIEVE SIZE	SPEC. LIMITS	TEST RESULTS % PASSING
2"		
1-1/2"		
1-1/4"		
1"		
3/4"		
1/2"		
3/8"		
1/4"		
NO. 4		
NO. 8		
NO. 10		100
NO. 16		99.7
NO. 20		64.3
NO. 30		21.7
NO. 40		3.8
NO. 50		0.8
NO. 60		0.5
NO. 80		0.2
NO. 100		0.17
NO. 140		0.14
NO. 200		0.13
NO. 200W		

REMARKS:

FILTER SAND BAG SAMPLE

Respectfully Submitted:

SOIL CONSULTANTS, INC.

SOIL CONSULTANTS, INC.

FOUNDATION AND TESTING ENGINEERS
P.O. DRAWER 698, CHARLESTON, S.C. 29402

SCI NO. 94-1814

REPORT OF SIEVE ANALYSIS TEST

REQUESTED BY: ENSAFE/ALLEN & HOSHALL

PROJECT: CHARLESTON NAVAL BASE ZONE H INVESTIGATION, CHARLESTON, S.C.

SAMPLE: 14-04D 25'-35' COMPOSITE SAMPLE

ASTM C136 ASTM D1140

SIEVE SIZE	SPEC. LIMITS	TEST RESULTS % PASSING
2"		
1-1/2"		
1-1/4"		
1"		
3/4"		
1/2"		
3/8"		
1/4"		
NO. 4		
NO. 8		100
NO. 10		99.95
NO. 16		
NO. 20		99.9
NO. 30		
NO. 40		99.8
NO. 50		
NO. 60		99.7
NO. 80		76.1
NO. 100		48.3
NO. 140		
NO. 200		33.7
NO. 200W		32.9% PASSING

REMARKS;
A WASH 200 (ASTM D1140) WAS CONDUCTED PRIOR TO THE DRY SIEVE ANALYSIS, DUE TO THE PRESENCE OF CLAY IN THE SAMPLE, AS REQUESTED.

Respectfully Submitted:

SOIL CONSULTANTS, INC.

Appendix G

Groundwater Quality Parameters Data

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Groundwater Quality Parameter Data

oride																	
	SAMPLE ID ------->	GDH-G-W003-1A		GDH-G-W006-1A		GDH-G-W007-1A		GDH-G-W008-1A		GDH-G-W009-1A		GDH-H-W009-1A	
	ORIGINAL ID ----->	GDHGW0031A		GDHGW0061A		GDHGW0071A		GDHGW0081A		GDHGW0091A		GDHHW0091A	
	LAB SAMPLE ID --->	42949-001		42968-011		42956-003		42956-001		42968-012		42968-014	
	ID FROM REPORT -->	GDHGW0031A		GDHGW0061A		GDHGW0071A		GDHGW0081A		GDHGW0091A		GDHHW0091A	
	SAMPLE DATE ----->	01/31/95		02/02/95		02/01/95		02/01/95		02/02/95		02/02/95	
	DATE ANALYZED --->	02/02/95		02/07/95		02/02/95		02/02/95		02/06/95		02/06/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL
887-00-6	Chloride	540.	J	31.		14.		69.	J	4700.		5800.	

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Groundwater Quality Parameter Data

ride	SAMPLE ID ------->	GDH-G-W011-1A		GDH-G-W03D-1A		GDH-G-W08D-1A				
	ORIGINAL ID ----->	GDHGW0111A		GDHGW03D1A		GDHGW08D1A				
	LAB SAMPLE ID --->	42968-013		42949-002		42956-002				
	ID FROM REPORT -->	GDHGW0111A		GDHGW03D1A		GDHGW08D1A				
	SAMPLE DATE ----->	02/02/95		01/31/95		02/01/95				
	DATE ANALYZED --->	02/06/95		02/02/95		02/02/95				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	MG/L		MG/L		MG/L				
CAS #	Parameter	CHS33	VAL	CHS33	VAL	CHS33	VAL			
87-00-6	Chloride	21000.		14000.	J	12000.	J			

*** Validatic omplete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Groundwater Quality Parameter Data

lfate													
		SAMPLE ID ------->	GDH-G-W003-1A		GDH-G-W006-1A		GDH-G-W007-1A		GDH-G-W008-1A		GDH-G-W009-1A		GDH-H-W009-1A
		ORIGINAL ID ----->	GDHGW0031A		GDHGW0061A		GDHGW0071A		GDHGW0081A		GDHGW0091A		GDHHW0091A
		LAB SAMPLE ID --->	42949-001		42968-011		42956-003		42956-001		42968-012		42968-014
		ID FROM REPORT -->	GDHGW0031A		GDHGW0061A		GDHGW0071A		GDHGW0081A		GDHGW0091A		GDHHW0091A
		SAMPLE DATE ----->	01/31/95		02/02/95		02/01/95		02/01/95		02/02/95		02/02/95
		DATE ANALYZED --->	02/03/95		02/03/95		02/03/95		02/03/95		02/03/95		02/03/95
		MATRIX ---------->	Water		Water		Water		Water		Water		Water
		UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
CAS #	Parameter		CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL
808-79-8	Sulfate		43.	J	350.		38.		410.		1700.		1700.

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Groundwater Quality Parameter Data

fate	SAMPLE ID ------->	GDH-G-W011-1A		GDH-G-W03D-1A		GDH-G-W08D-1A				
	ORIGINAL ID ----->	GDHGW0111A		GDHGW03D1A		GDHGW08D1A				
	LAB SAMPLE ID --->	42968-013		42949-002		42956-002				
	ID FROM REPORT -->	GDHGW0111A		GDHGW03D1A		GDHGW08D1A				
	SAMPLE DATE ----->	02/02/95		01/31/95		02/01/95				
	DATE ANALYZED --->	02/03/95		02/03/95		02/03/95				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	MG/L		MG/L		MG/L				
CAS #	Parameter	CHS33	VAL	CHS33	VAL	CHS33	VAL			
808-79-8	Sulfate	23.		620.	J	10.	U			

*** Validatio omplete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Groundwater Quality Parameter Data

S	SAMPLE ID ------->	GDH-G-W003-1A		GDH-G-W006-1A		GDH-G-W007-1A		GDH-G-W008-1A		GDH-G-W009-1A		GDH-H-W009-1A	
	ORIGINAL ID ----->	GDHGW0031A		GDHGW0061A		GDHGW0071A		GDHGW0081A		GDHGW0091A		GDHHW0091A	
	LAB SAMPLE ID --->	42949-001		42968-011		42956-003		42956-001		42968-012		42968-014	
	ID FROM REPORT -->	GDHGW0031A		GDHGW0061A		GDHGW0071A		GDHGW0081A		GDHGW0091A		GDHHW0091A	
	SAMPLE DATE ----->	01/31/95		02/02/95		02/01/95		02/01/95		02/02/95		02/02/95	
	DATE ANALYZED --->	02/02/95		02/06/95		02/02/95		02/02/95		02/06/95		02/06/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL
9900-07-2	Total Dissolved Soilds	32000.	U	1100.	U	260.	U	1400.	U	7800.	U	7800.	U

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Groundwater Quality Parameter Data

S		SAMPLE ID ------->	GDH-G-W011-1A		GDH-G-W03D-1A		GDH-G-W08D-1A				
		ORIGINAL ID ------>	GDHGW0111A		GDHGW03D1A		GDHGW08D1A				
		LAB SAMPLE ID --->	42968-013		42949-002		42956-002				
		ID FROM REPORT -->	GDHGW0111A		GDHGW03D1A		GDHGW08D1A				
		SAMPLE DATE ------>	02/02/95		01/31/95		02/01/95				
		DATE ANALYZED --->	02/06/95		02/02/95		02/02/95				
		MATRIX ---------->	Water		Water		Water				
		UNITS ---------->	MG/L		MG/L		MG/L				
CAS #	Parameter		CHS33	VAL	CHS33	VAL	CHS33	VAL			
9900-07-2	Total Dissolved Solids		16000.	U	25000.	U	23000.	U			

*** Validati complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Groundwater Quality Parameter Data

		SAMPLE ID ------->	GDH-G-W003-1A		GDH-G-W006-1A		GDH-G-W007-1A		GDH-G-W008-1A		GDH-G-W009-1A		GDH-H-W009-1A	
		ORIGINAL ID ----->	GDHGW0031A		GDHGW0061A		GDHGW0071A		GDHGW0081A		GDHGW0091A		GDHHW0091A	
		LAB SAMPLE ID --->	42909-011		42968-011		42956-003		42956-001		42968-012		42968-014	
		ID FROM REPORT -->	GDHGW0031A		GDHGW0061A		GDHGW0071A		GDHGW0081A		GDHGW0091A		GDHHW0091A	
		SAMPLE DATE ----->	01/25/95		02/02/95		02/01/95		02/01/95		02/02/95		02/02/95	
		DATE ANALYZED --->	02/01/95		02/03/95		02/02/95		02/02/95		02/03/95		02/03/95	
		MATRIX ---------->	Soil		Water		Water		Water		Water		Water	
		UNITS ---------->	UNITS		UNITS		UNITS		UNITS		UNITS		UNITS	
CAS #	Parameter		CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL	CHS33	VAL
9900-09-4	pH		7.09	U	7.07	U	7.69	U	6.9	U	6.84	U	6.84	U

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Groundwater Quality Parameter Data

	SAMPLE ID ------->	GDH-G-W011-1A		GDH-G-W030-1A					
	ORIGINAL ID ------>	GDHGW0111A		GDHGW0301A					
	LAB SAMPLE ID --->	42968-013		42949-002					
	ID FROM REPORT -->	GDHGW0111A		GDHGW0301A					
	SAMPLE DATE ----->	02/02/95		01/31/95					
	DATE ANALYZED --->	02/03/95		02/01/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UNITS		UNITS					
CAS #	Parameter	CHS33	VAL	CHS33	VAL				
900-09-4	pH	6.92	U	7.23	U				

*** Validatic Complete ***

2nd Quarter

Groundwater Quality Parameters

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

HLORIDE	SAMPLE ID ------->	GDH-G-W001-02		GDH-G-W002-02		GDH-G-W003-02		GDH-G-W004-02		GDH-G-W005-02		GDH-G-W006-02	
	ORIGINAL ID ----->	GDHGW00102		GDHGW00202		GDHGW00302		GDHGW00402		GDHGW00502		GDHGW00602	
	LAB SAMPLE ID --->	43601-011		43606-004		43412-011		43472-016		43606-002		43412-010	
	ID FROM REPORT -->	GDHGW00102		GDHGW00202		GDHGW00302		GDHGW00402		GDHGW00502		GDHGW00602	
	SAMPLE DATE ----->	04/10/95		04/11/95		03/28/95		03/31/95		04/11/95		03/28/95	
	DATE ANALYZED --->	04/12/95		04/20/95		04/03/95		04/03/95		04/20/95		04/03/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter	CHS42	VAL	CHS42	VAL	CHS38	VAL	CHS41	VAL	CHS42	VAL	CHS38	VAL
16887-00-6	Chloride	99.		16000.		740.		69.		2400.		29.	

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

LORIDE	SAMPLE ID ------->	GDH-G-W007-02		GDH-H-W007-02		GDH-G-W008-02		GDH-G-W009-02		GDH-G-W010-02		GDH-G-W011-02	
	ORIGINAL ID ------>	GDHGW00702		GDHHW00702		GDHGW00802		GDHGW00902		GDHGW01002		GDHGW01102	
	LAB SAMPLE ID --->	43472-014		43473-009		43519-004		43632-007		43656-003		43632-011	
	ID FROM REPORT -->	GDHGW00702		GDHHW00702		GDHGW00802		GDHGW00902		GDHGW01002		GDHGW01102	
	SAMPLE DATE ----->	03/31/95		03/31/95		04/04/95		04/12/95		04/13/95		04/12/95	
	DATE ANALYZED --->	04/03/95		04/03/95		04/12/95		04/20/95		04/20/95		04/20/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter	CHS41	VAL	CHS39	VAL	CHS39	VAL	CHS42	VAL	CHS42	VAL	CHS42	VAL
6887-00-6	Chloride	21.		21.		78.		2200.		380.		4000.	

*** Validati complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

HLORIDE	SAMPLE ID ------->	GDH-G-W01D-02		GDH-G-W02D-02		GDH-G-W03D-02		GDH-G-W04D-02		GDH-H-W04D-02		GDH-G-W05D-02	
	ORIGINAL ID ----->	GDHGW01D02		GDHGW02D02		GDHGW03D02		GDHGW04D02		GDHHW04D02		GDHGW05D02	
	LAB SAMPLE ID --->	43606-003		43632-010		43412-012		43472-015		43473-007		43632-009	
	ID FROM REPORT -->	GDHGW01D02		GDHGW02D02		GDHGW03D02		GDHGW04D02		GDHHW04D02		GDHGW05D02	
	SAMPLE DATE ----->	04/11/95		04/12/95		03/28/95		03/31/95		03/31/95		04/12/95	
	DATE ANALYZED --->	04/20/95		04/20/95		04/03/95		04/03/95		04/03/95		04/20/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter	CHS42	VAL	CHS42	VAL	CHS38	VAL	CHS41	VAL	CHS39	VAL	CHS42	VAL
16887-00-6	Chloride	13000.		10000.		14000.		13000.		11000.		16000.	

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

LORIDE	SAMPLE ID ------->	GDH-G-W06D-02	GDH-G-W07D-02	GDH-G-W08D-02	GDH-H-W08D-02	GDH-G-W09D-02	GDH-H-W10D-02
	ORIGINAL ID ----->	GDHGW06D02	GDHGW07D02	GDHGW08D02	GDHHW08D02	GDHGW09D02	GDHGW10D02
	LAB SAMPLE ID --->	43412-009	43472-013	43518-009	43519-005	43632-008	43670-013
	ID FROM REPORT -->	GDHGW06D02	GDHGW07D02	GDHGW08D02	GDHHW08D02	GDHGW09D02	GDHGW10D02
	SAMPLE DATE ----->	03/28/95	03/31/95	04/04/95	04/04/95	04/12/95	04/14/95
	DATE ANALYZED --->	04/03/95	04/03/95	04/07/95	04/07/95	04/20/95	04/20/95
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	MG/L A	MG/L A	MG/L A	MG/L A	MG/L A	MG/L A
CAS #	Parameter	CHS38 VAL	CHS41 VAL	CHS41 VAL	CHS39 VAL	CHS42 VAL	CHS42 VAL
6887-00-6	Chloride	12000.	13000.	13000.	13000.	15000.	9900.

*** Validati Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

HLORIDE

SAMPLE ID ------->	GDH-H-W11D-02
ORIGINAL ID ----->	GDHGW11D02
LAB SAMPLE ID --->	43670-014
ID FROM REPORT -->	GDHGW11D02
SAMPLE DATE ----->	04/14/95
DATE ANALYZED --->	04/20/95
MATRIX ---------->	Water
UNITS ---------->	MG/L A

CAS #	Parameter	CHS42	VAL
16887-00-6	Chloride	20000.	

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

LFATE	SAMPLE ID ------->	GDH-G-W001-02	GDH-G-W002-02	GDH-G-W003-02	GDH-G-W004-02	GDH-G-W005-02	GDH-G-W006-02
	ORIGINAL ID ----->	GDHGW00102	GDHGW00202	GDHGW00302	GDHGW00402	GDHGW00502	GDHGW00602
	LAB SAMPLE ID --->	43601-011	43606-004	43412-011	43472-016	43606-002	43412-010
	ID FROM REPORT -->	GDHGW00102	GDHGW00202	GDHGW00302	GDHGW00402	GDHGW00502	GDHGW00602
	SAMPLE DATE ----->	04/10/95	04/11/95	03/28/95	03/31/95	04/11/95	03/28/95
	DATE ANALYZED --->	04/14/95	04/14/95	04/06/95	04/06/95	04/14/95	04/06/95
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	MG/L A	MG/L A	MG/L A	MG/L A	MG/L A	MG/L A
CAS #	Parameter	CHS42 VAL	CHS42 VAL	CHS38 VAL	CHS41 VAL	CHS42 VAL	CHS38 VAL
4808-79-8	Sulfate	150.	10. U	26.	120.	690.	290.

*** Validati complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

LFATE	SAMPLE ID ------->	GDH-G-W007-02	GDH-H-W007-02	GDH-G-W008-02	GDH-G-W009-02	GDH-G-W010-02	GDH-G-W011-02
	ORIGINAL ID ----->	GDHGW00702	GDHHW00702	GDHGW00802	GDHGW00902	GDHGW01002	GDHGW01102
	LAB SAMPLE ID --->	43472-014	43473-009	43519-004	43632-007	43656-003	43632-011
	ID FROM REPORT -->	GDHGW00702	GDHHW00702	GDHGW00802	GDHGW00902	GDHGW01002	GDHGW01102
	SAMPLE DATE ----->	03/31/95	03/31/95	04/04/95	04/12/95	04/13/95	04/12/95
	DATE ANALYZED --->	04/06/95	04/06/95	04/06/95	04/14/95	04/20/95	04/14/95
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	MG/L A	MG/L A	MG/L A	MG/L A	MG/L A	MG/L A
CAS #	Parameter	CHS41 VAL	CHS39 VAL	CHS39 VAL	CHS42 VAL	CHS42 VAL	CHS42 VAL
4808-79-8	Sulfate	45.	46.	430.	1900.	650.	10.

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

FATE	SAMPLE ID ------->	GDH-G-W01D-02		GDH-G-W02D-02		GDH-G-W03D-02		GDH-G-W04D-02		GDH-H-W04D-02		GDH-G-W05D-02	
	ORIGINAL ID ----->	GDHGW01D02		GDHGW02D02		GDHGW03D02		GDHGW04D02		GDHHW04D02		GDHGW05D02	
	LAB SAMPLE ID --->	43606-003		43632-010		43412-012		43472-015		43473-007		43632-009	
	ID FROM REPORT -->	GDHGW01D02		GDHGW02D02		GDHGW03D02		GDHGW04D02		GDHHW04D02		GDHGW05D02	
	SAMPLE DATE ----->	04/11/95		04/12/95		03/28/95		03/31/95		03/31/95		04/12/95	
	DATE ANALYZED --->	04/14/95		04/14/95		04/06/95		04/06/95		04/06/95		04/14/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter	CHS42	VAL	CHS42	VAL	CHS38	VAL	CHS41	VAL	CHS39	VAL	CHS42	VAL
808-79-8	Sulfate	10.	U	10.	U	670.		10.	U	10.	U	10.	U

*** Validatic omplete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

ULFATE	SAMPLE ID ------->	GDH-G-W06D-02		GDH-G-W07D-02		GDH-G-W08D-02		GDH-H-W08D-02		GDH-G-W09D-02		GDH-H-W10D-02	
	ORIGINAL ID ----->	GDHGW06D02		GDHGW07D02		GDHGW08D02		GDHHW08D02		GDHGW09D02		GDHGW10D02	
	LAB SAMPLE ID --->	43412-009		43472-013		43518-009		43519-005		43632-008		43670-013	
	ID FROM REPORT -->	GDHGW06D02		GDHGW07D02		GDHGW08D02		GDHHW08D02		GDHGW09D02		GDHGW10D02	
	SAMPLE DATE ----->	03/28/95		03/31/95		04/04/95		04/04/95		04/12/95		04/14/95	
	DATE ANALYZED --->	04/06/95		04/06/95		04/06/95		04/06/95		04/14/95		04/20/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter	CHS38	VAL	CHS41	VAL	CHS41	VAL	CHS39	VAL	CHS42	VAL	CHS42	VAL
4808-79-8	Sulfate	10.	U	10.		10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

FATE							
	SAMPLE ID ------->	GDH-H-W11D-02					
	ORIGINAL ID ------>	GDHGW11D02					
	LAB SAMPLE ID --->	43670-014					
	ID FROM REPORT -->	GDHGW11D02					
	SAMPLE DATE ----->	04/14/95					
	DATE ANALYZED --->	04/20/95					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L A					
CAS #	Parameter	CHS42 VAL					
808-79-8	Sulfate	10. U					

*** Validati[illegible]omplete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

S	SAMPLE ID ------->	GDH-G-W001-02		GDH-G-W002-02		GDH-G-W003-02		GDH-G-W004-02		GDH-G-W005-02		GDH-G-W006-02	
	ORIGINAL ID ----->	GDHGW00102		GDHGW00202		GDHGW00302		GDHGW00402		GDHGW00502		GDHGW00602	
	LAB SAMPLE ID --->	43601-011		43606-004		43412-011		43472-016		43606-002		43412-010	
	ID FROM REPORT -->	GDHGW00102		GDHGW00202		GDHGW00302		GDHGW00402		GDHGW00502		GDHGW00602	
	SAMPLE DATE ----->	04/10/95		04/11/95		03/28/95		03/31/95		04/11/95		03/28/95	
	DATE ANALYZED --->	04/12/95		04/13/95		03/30/95		04/04/95		04/13/95		03/30/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter	CHS42	VAL	CHS42	VAL	CHS38	VAL	CHS41	VAL	CHS42	VAL	CHS38	VAL
9900-07-2	Total Dissolved Soilds	970.		27000.		??????????		630.		5800.		??????????	
9900-00-1	Methylphenol (Total Cresol)	??????????		??????????		2100.		??????????		??????????		1100.	

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

	SAMPLE ID ------->	GDH-G-W007-02		GDH-H-W007-02		GDH-G-W008-02		GDH-G-W009-02		GDH-G-W010-02		GDH-G-W011-02	
	ORIGINAL ID ------>	GDHGW00702		GDHHW00702		GDHGW00802		GDHGW00902		GDHGW01002		GDHGW01102	
	LAB SAMPLE ID --->	43472-014		43473-009		43519-004		43632-007		43656-003		43632-011	
	ID FROM REPORT -->	GDHGW00702		GDHHW00702		GDHGW00802		GDHGW00902		GDHGW01002		GDHGW01102	
	SAMPLE DATE ----->	03/31/95		03/31/95		04/04/95		04/12/95		04/13/95		04/12/95	
	DATE ANALYZED --->	04/04/95		04/04/95		04/07/95		04/14/95		04/17/95		04/14/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter	CHS41	VAL	CHS39	VAL	CHS39	VAL	CHS42	VAL	CHS42	VAL	CHS42	VAL
900-07-2	Total Dissolved Soilds	280.		280.		1400.		8100.		1900.		7200.	
900-00-1	Methylphenol (Total Cresol)	??????????		NR		NR		??????????		??????????		??????????	

*** Validatic omplete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

		SAMPLE ID ------->	GDH-G-W01D-02		GDH-G-W02D-02		GDH-G-W03D-02		GDH-G-W04D-02		GDH-H-W04D-02		GDH-G-W05D-02
		ORIGINAL ID ----->	GDHGW01D02		GDHGW02D02		GDHGW03D02		GDHGW04D02		GDHHW04D02		GDHGW05D02
		LAB SAMPLE ID --->	43606-003		43632-010		43412-012		43472-015		43473-007		43632-009
		ID FROM REPORT -->	GDHGW01D02		GDHGW02D02		GDHGW03D02		GDHGW04D02		GDHHW04D02		GDHGW05D02
		SAMPLE DATE ----->	04/11/95		04/12/95		03/28/95		03/31/95		03/31/95		04/12/95
		DATE ANALYZED --->	04/13/95		04/14/95		03/30/95		04/04/95		04/04/95		04/14/95
		MATRIX ---------->	Water		Water		Water		Water		Water		Water
		UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter		CHS42	VAL	CHS42	VAL	CHS38	VAL	CHS41	VAL	CHS39	VAL	CHS42	VAL
900-07-2	Total Dissolved Soilds		22000.		18000.		??????????		23000.		23000.		22000.
900-00-1	Methylphenol (Total Cresol)		??????????		??????????		26000.		??????????		NR		??????????

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

		SAMPLE ID ------->	GDH-G-W06D-02		GDH-G-W07D-02		GDH-G-W08D-02		GDH-H-W08D-02		GDH-G-W09D-02		GDH-H-W10D-02
		ORIGINAL ID ----->	GDHGW06D02		GDHGW07D02		GDHGW08D02		GDHHW08D02		GDHGW09D02		GDHGW10D02
		LAB SAMPLE ID --->	43412-009		43472-013		43518-009		43519-005		43632-008		43670-013
		ID FROM REPORT -->	GDHGW06D02		GDHGW07D02		GDHGW08D02		GDHHW08D02		GDHGW09D02		GDHGW10D02
		SAMPLE DATE ----->	03/28/95		03/31/95		04/04/95		04/04/95		04/12/95		04/14/95
		DATE ANALYZED --->	03/30/95		04/04/95		04/07/95		04/07/95		04/14/95		04/18/95
		MATRIX ---------->	Water		Water		Water		Water		Water		Water
		UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter		CHS38	VAL	CHS41	VAL	CHS41	VAL	CHS39	VAL	CHS42	VAL	CHS42	VAL
900-07-2	Total Dissolved Soilds		??????????		23000.		23000.		22000.		24000.		18000.
900-00-1	Methylphenol (Total Cresol)		23000.		??????????		??????????		NR		??????????		??????????

*** Validatic omplete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H - QUARTERLY '95
2nd Qtr Groundwater Quality Parameters

S	SAMPLE ID ------->	GDH-H-W11D-02					
	ORIGINAL ID ----->	GDHGW11D02					
	LAB SAMPLE ID --->	43670-014					
	ID FROM REPORT -->	GDHGW11D02					
	SAMPLE DATE ----->	04/14/95					
	DATE ANALYZED --->	04/18/95					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L A					
CAS #	Parameter	CHS42 VAL					
9900-07-2	Total Dissolved Soilds	20000.					
9900-00-1	Methylphenol (Total Cresol)	???????????					

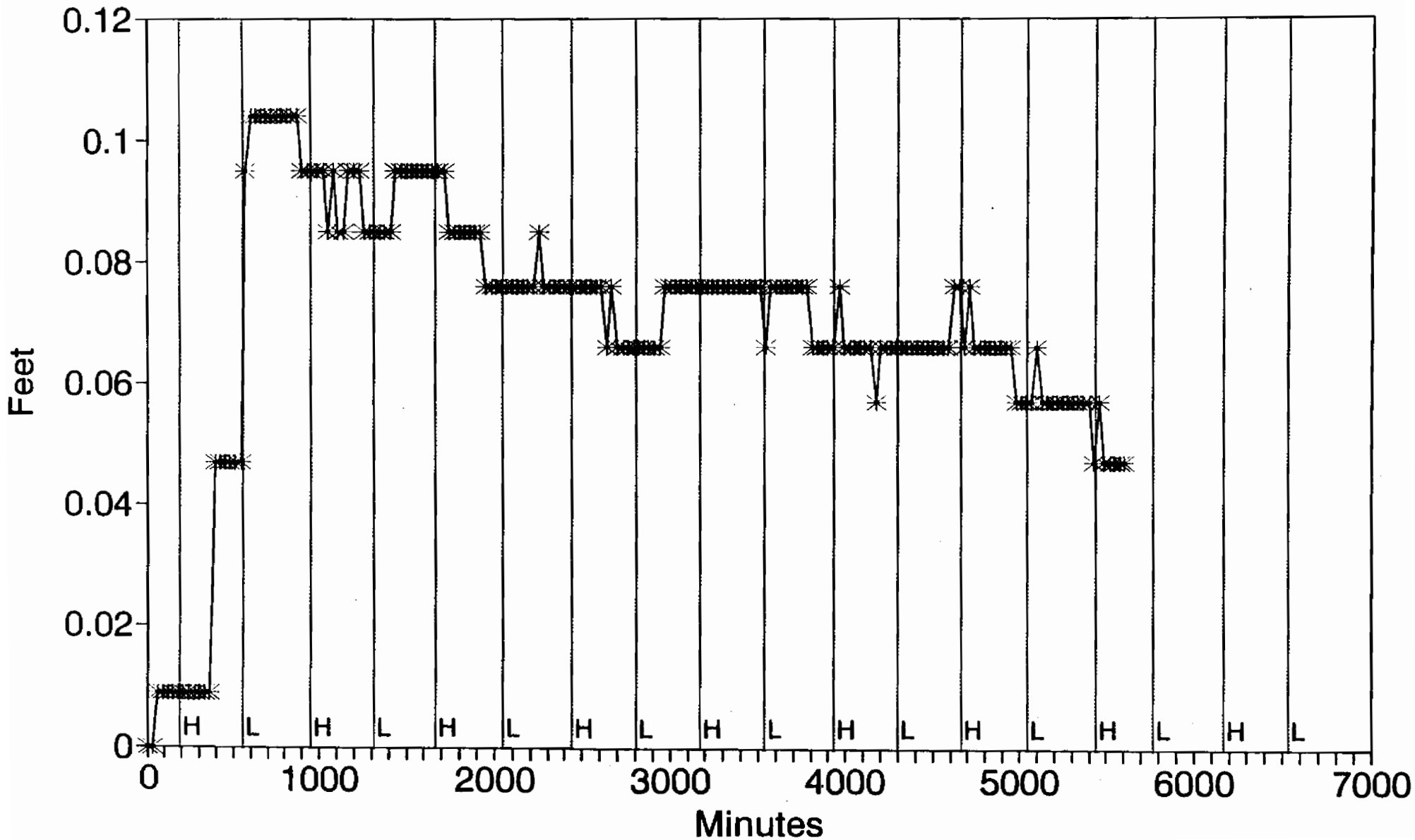
*** Validation Complete ***

Appendix H

Tidal Data for Cooper River and Groundwater Level Graphs

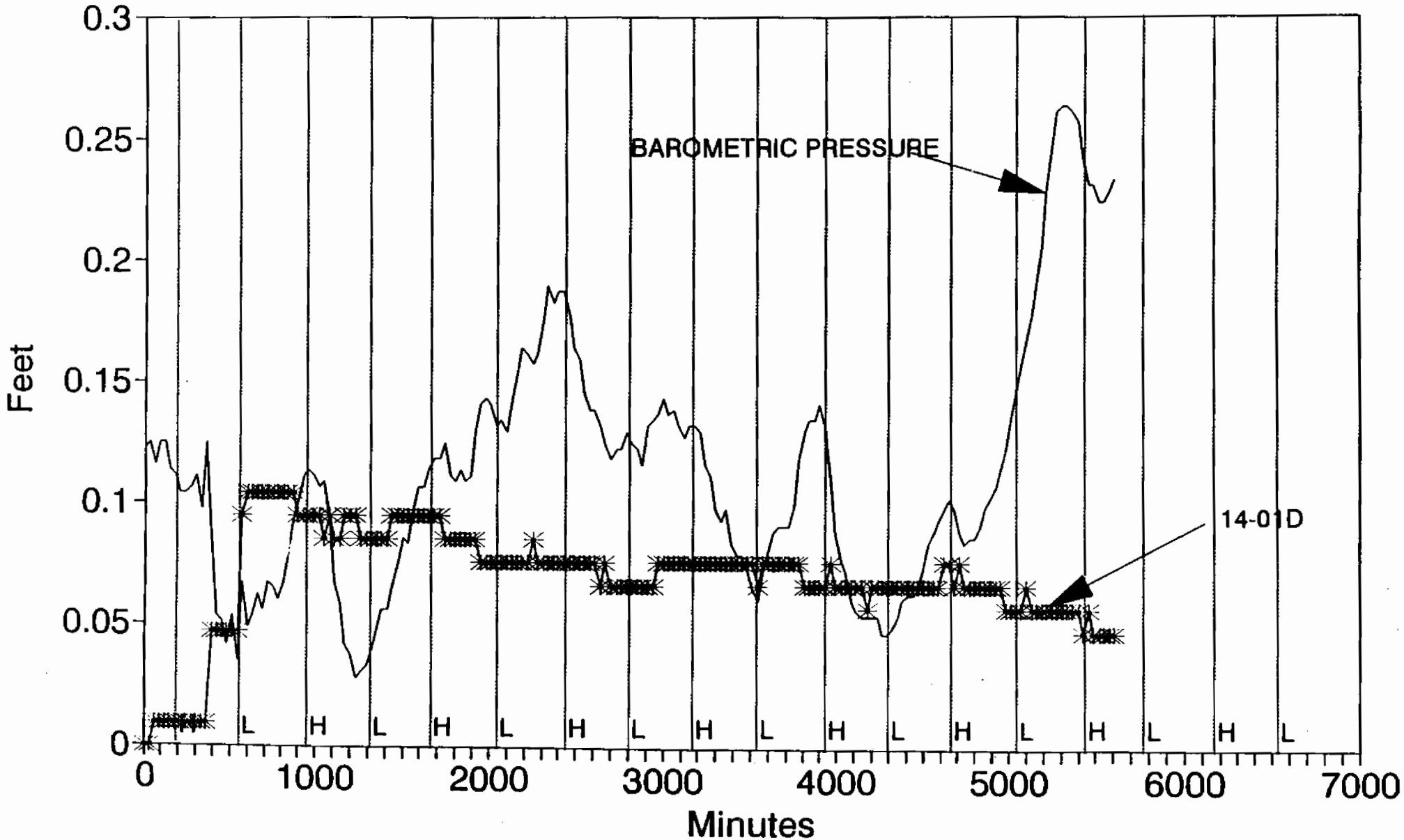
NBCH ZONE H TIDAL INFLUENCE STUDY

DEEP WELL NBCH01401D



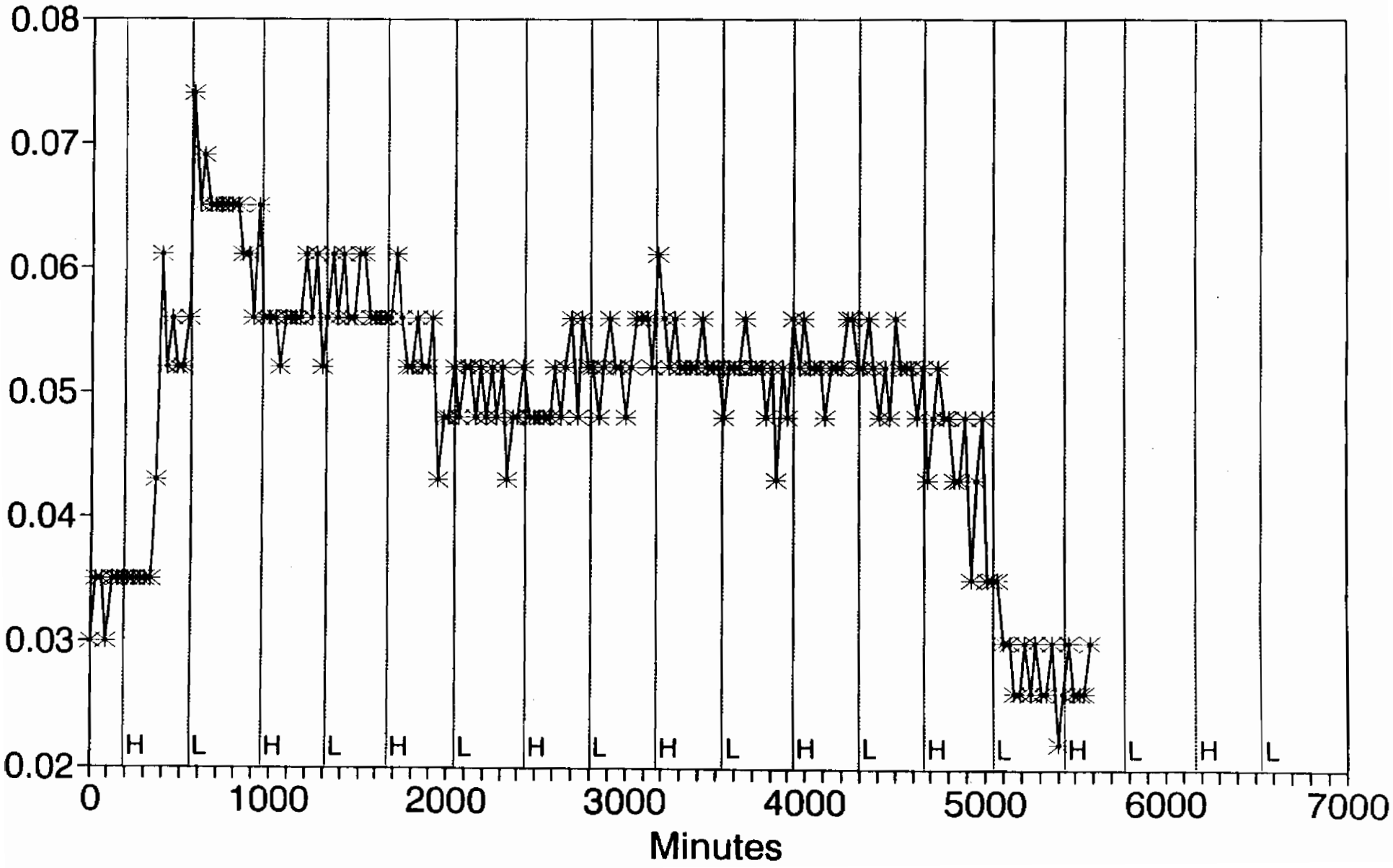
NBCH ZONE H TIDAL INFLUENCE STUDY

DEEP WELL NBCH01401D



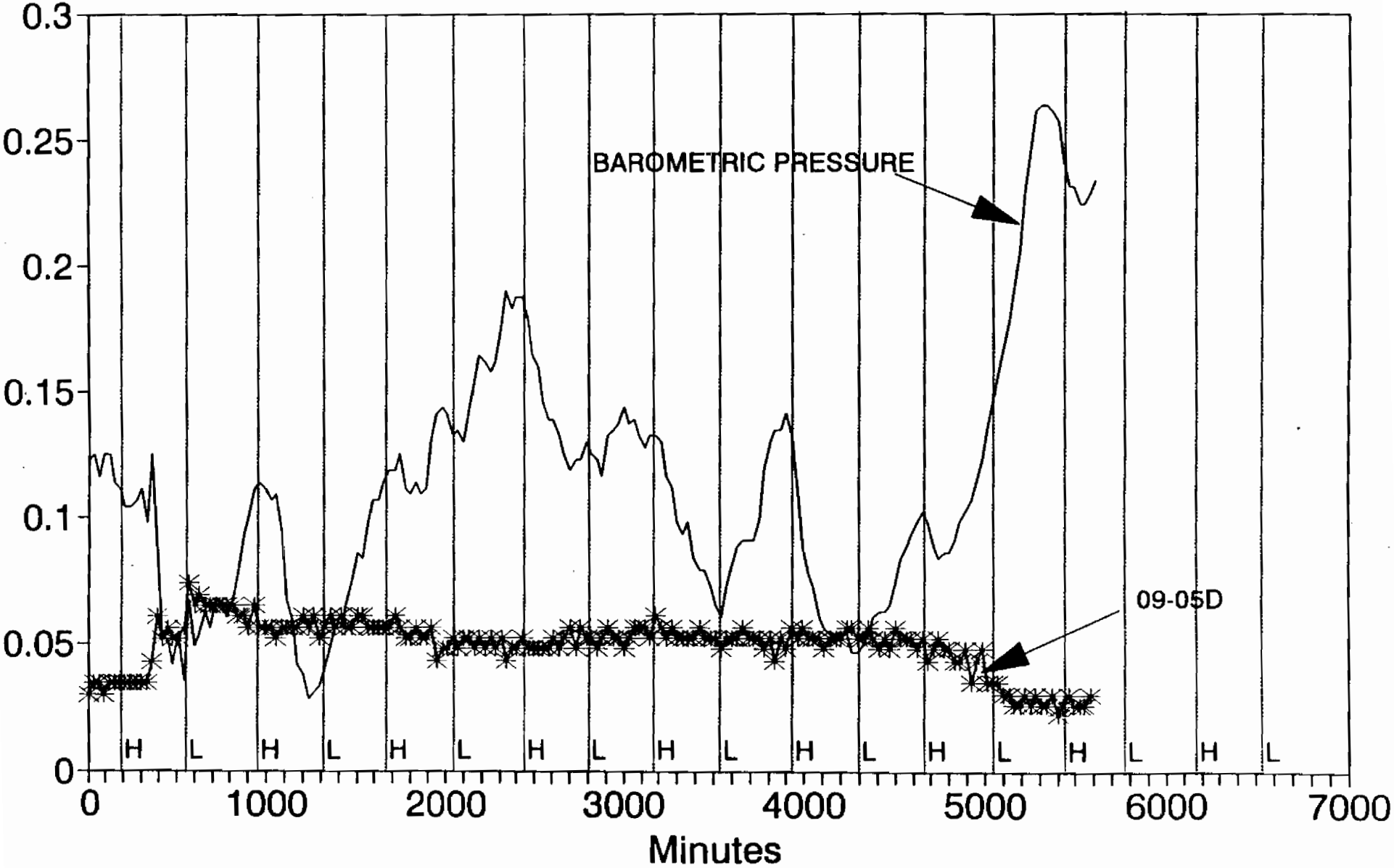
NBCH ZONE H TIDAL INFLUENCE STUDY

DEEP WELL NBCH00905D



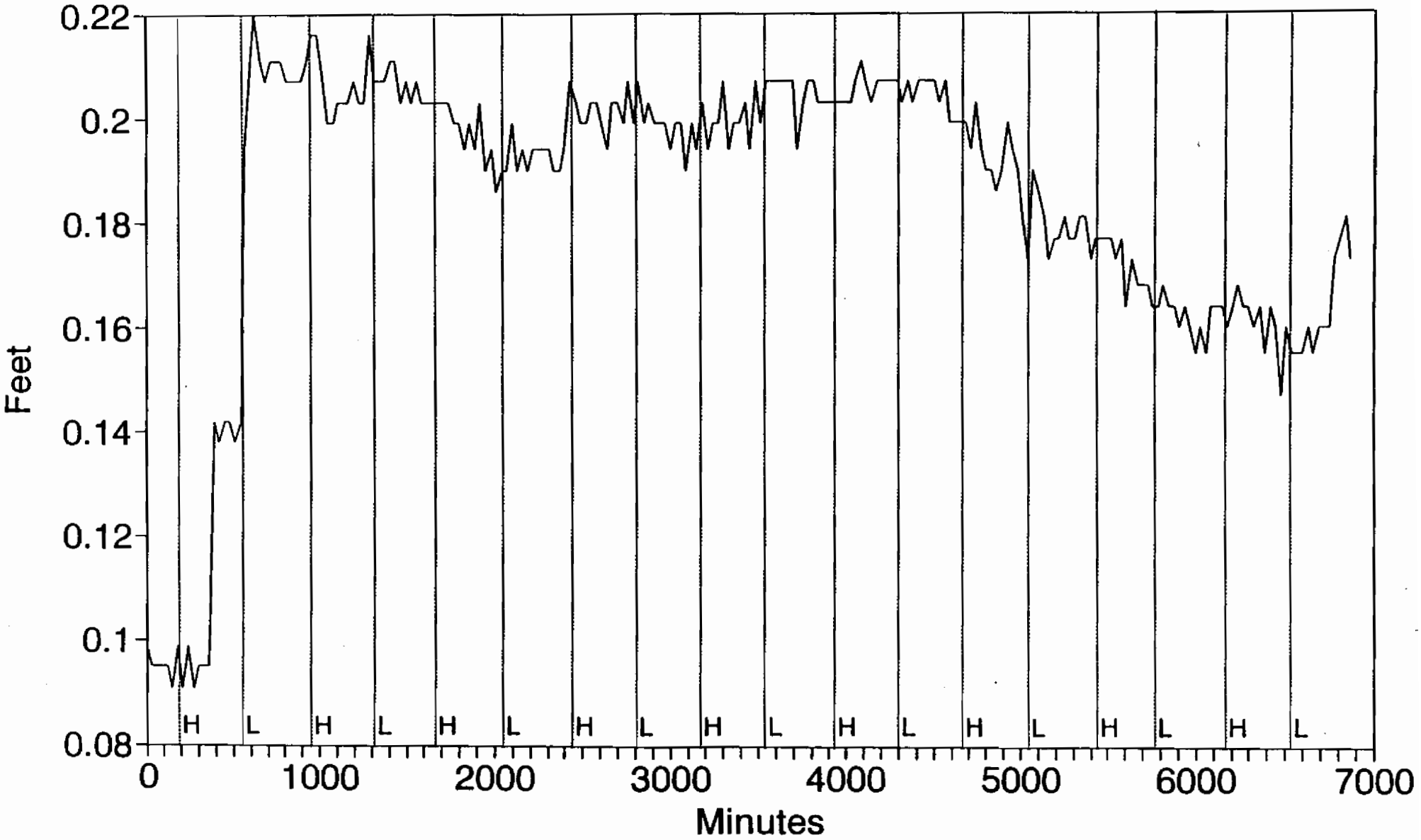
NBCH ZONE H TIDAL INFLUENCE STUDY

DEEP WELL NBCH00905D



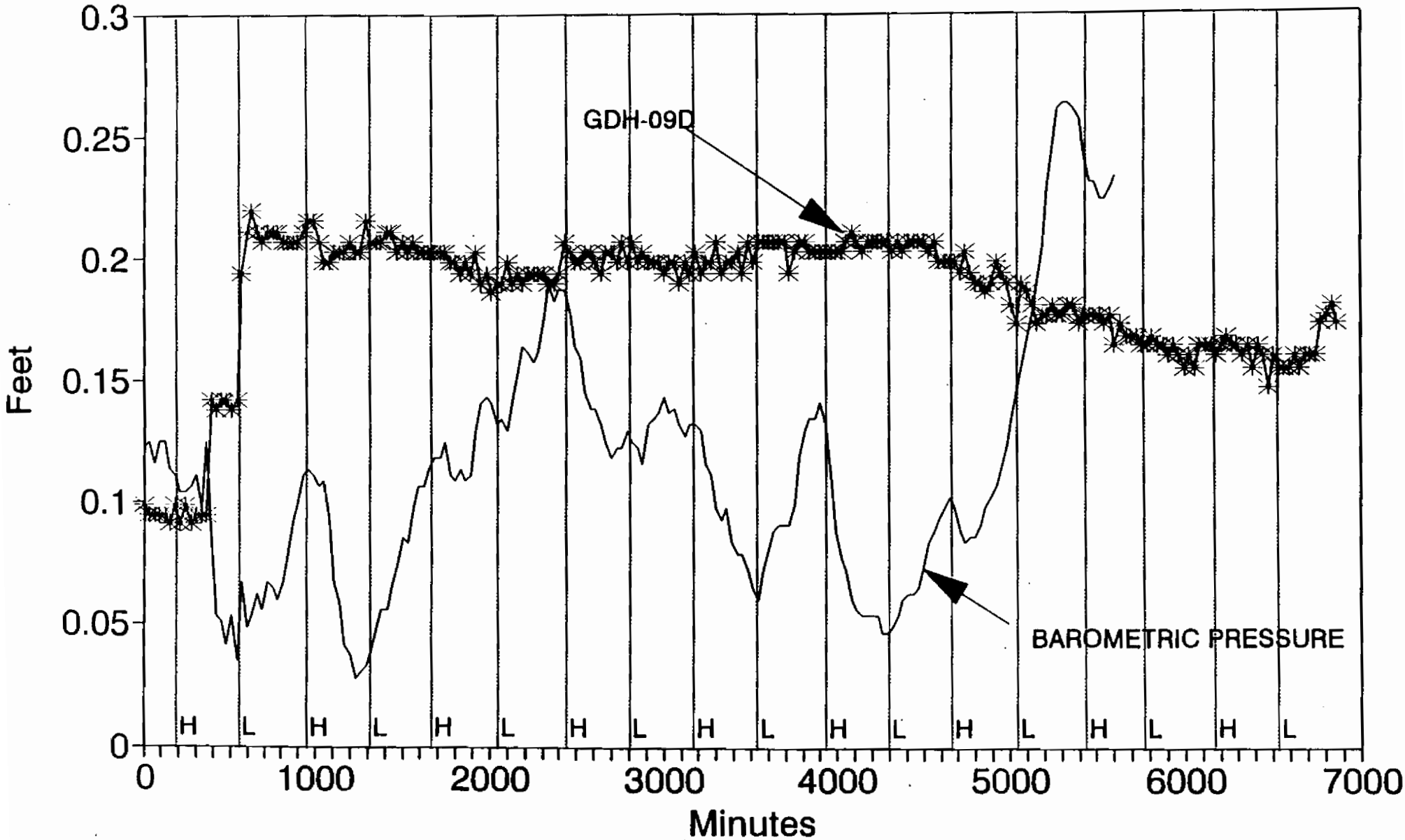
NBCH ZONE H TIDAL INFLUENCE STUDY

DEEP WELL NBCHGDH09D



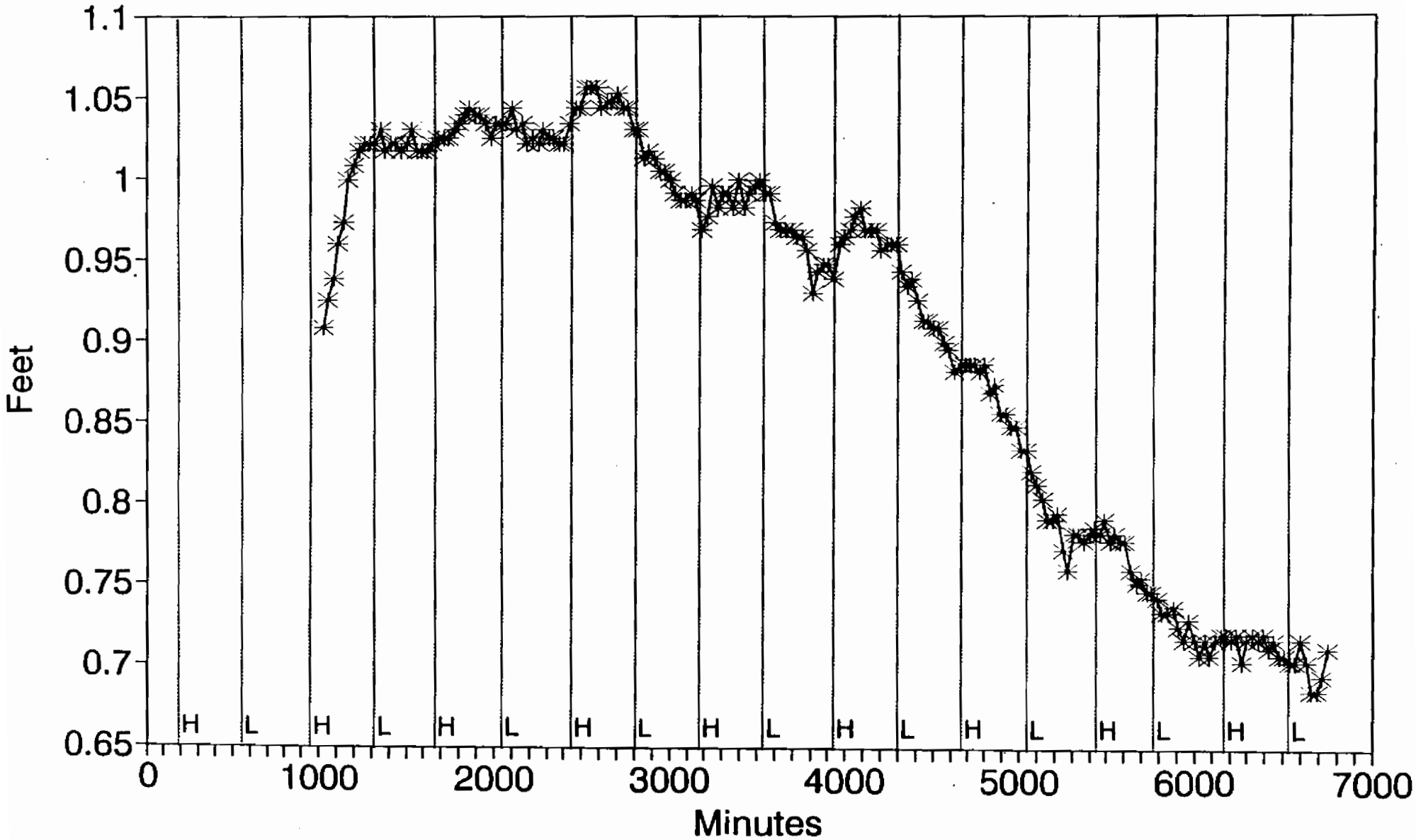
NBCH ZONE H TIDAL INFLUENCE STUDY

DEEP WELL NBCHGDH09D

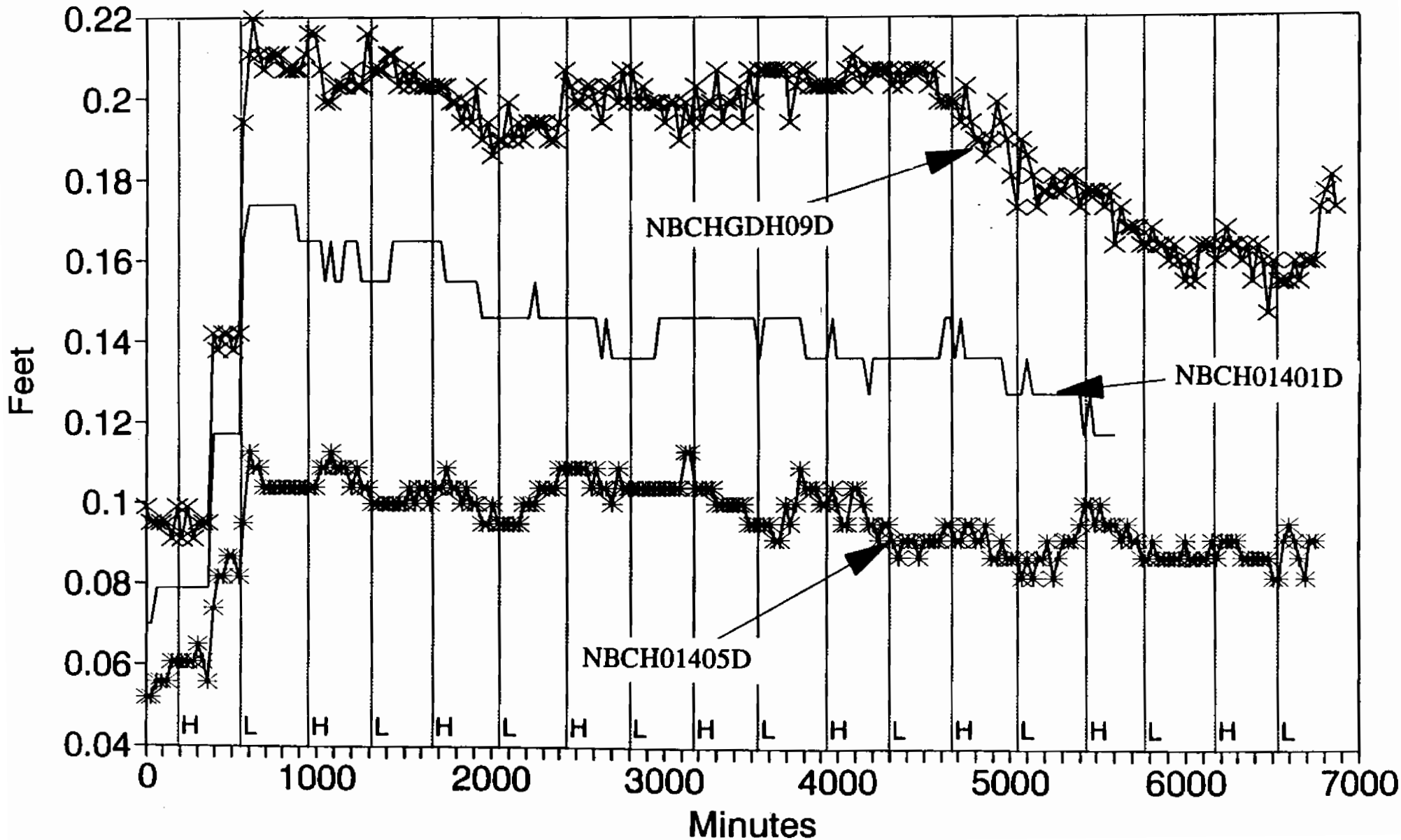


NBCH ZONE H TIDAL INFLUENCE STUDY

SHALLOW WELL NBCH014005

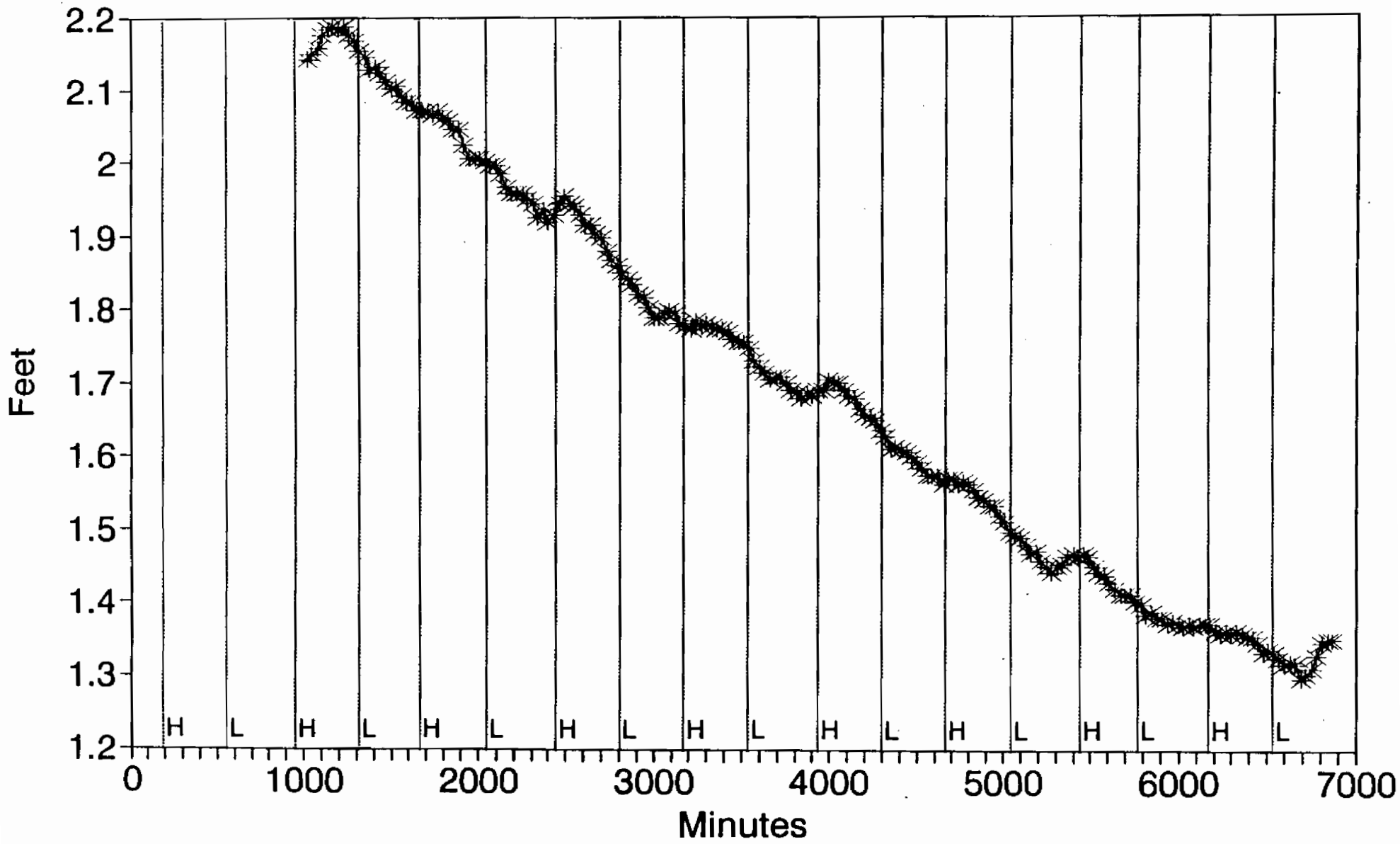


NBCH ZONE H TIDAL INFLUENCE STUDY
CROSS SECTION B-B' DEEP WELLS



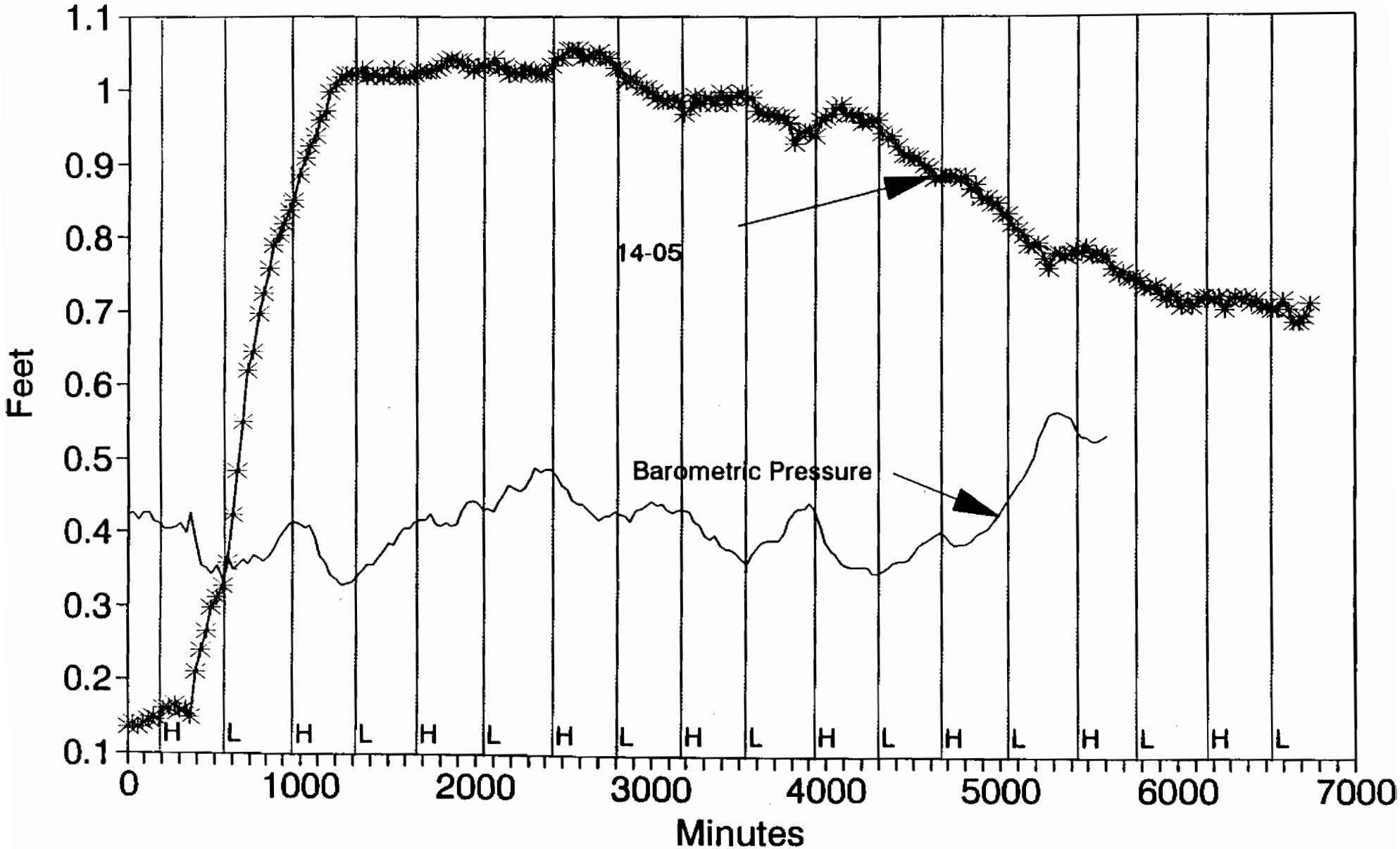
NBCH ZONE H TIDAL INFLUENCE STUDY

SHALLOW WELL NBCHGDH009



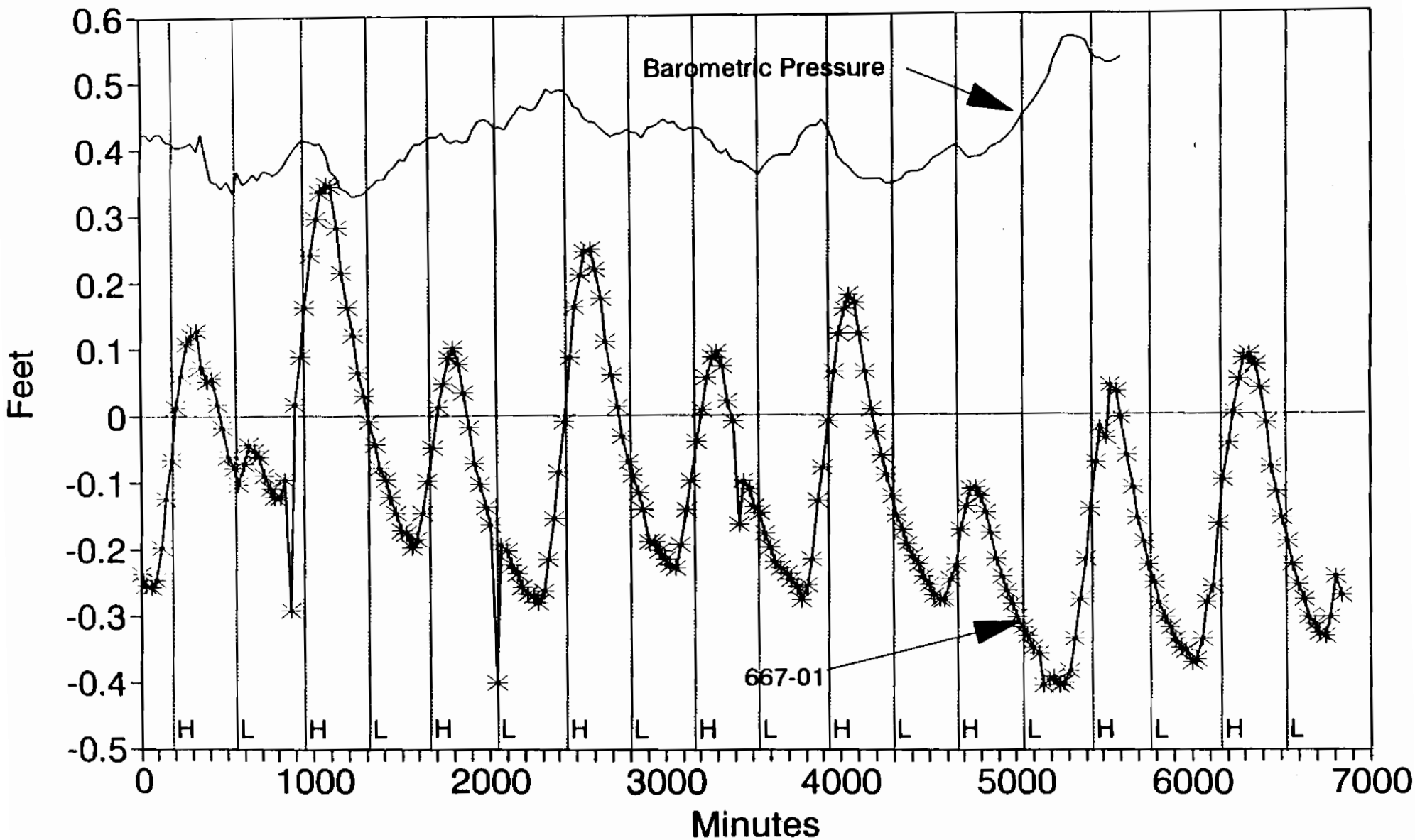
NBCH ZONE H TIDAL INFLUENCE STUDY

SHALLOW WELL NBCH014005



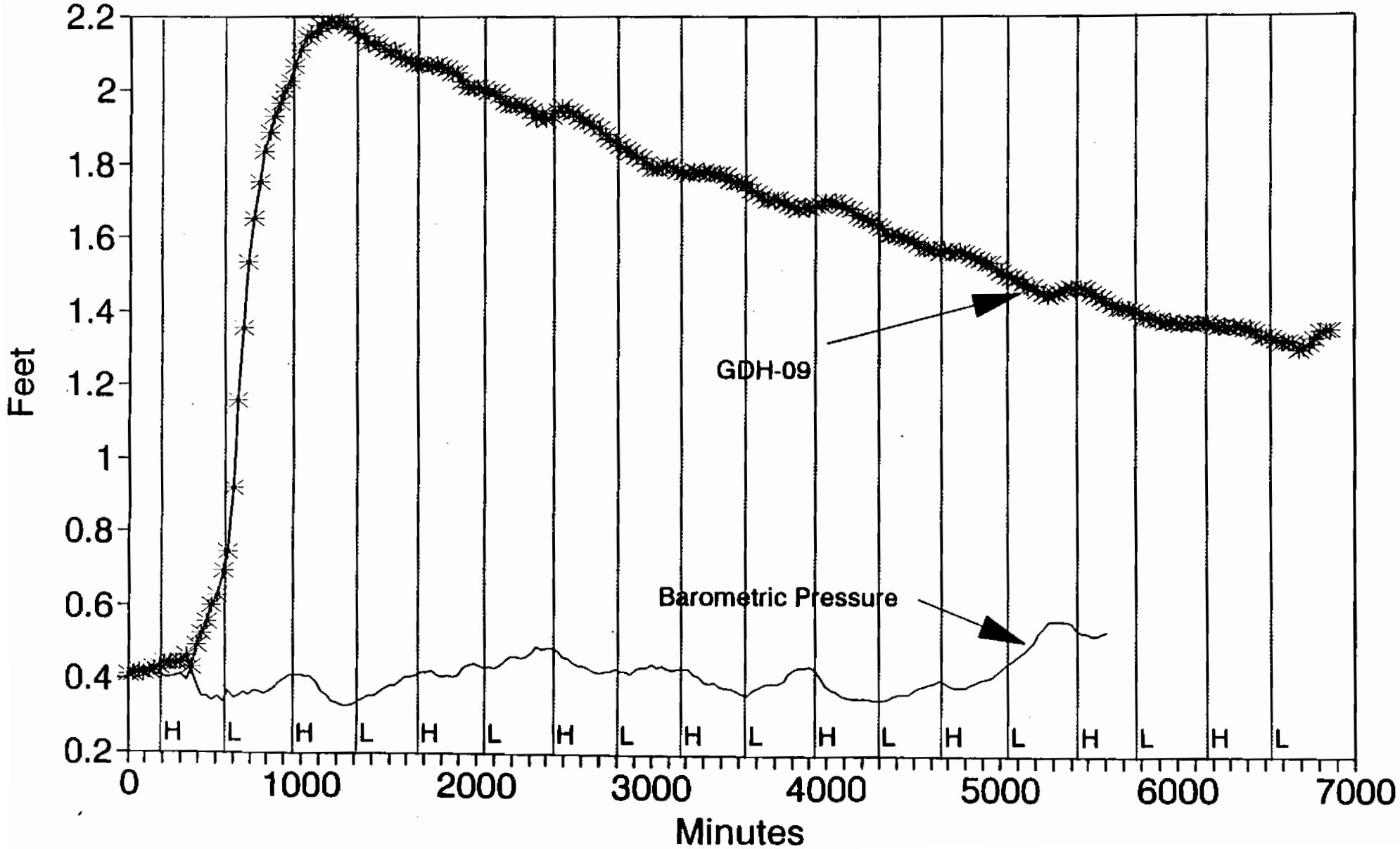
NBCH ZONE H TIDAL INFLUENCE STUDY

SHALLOW WELL NBCH667001



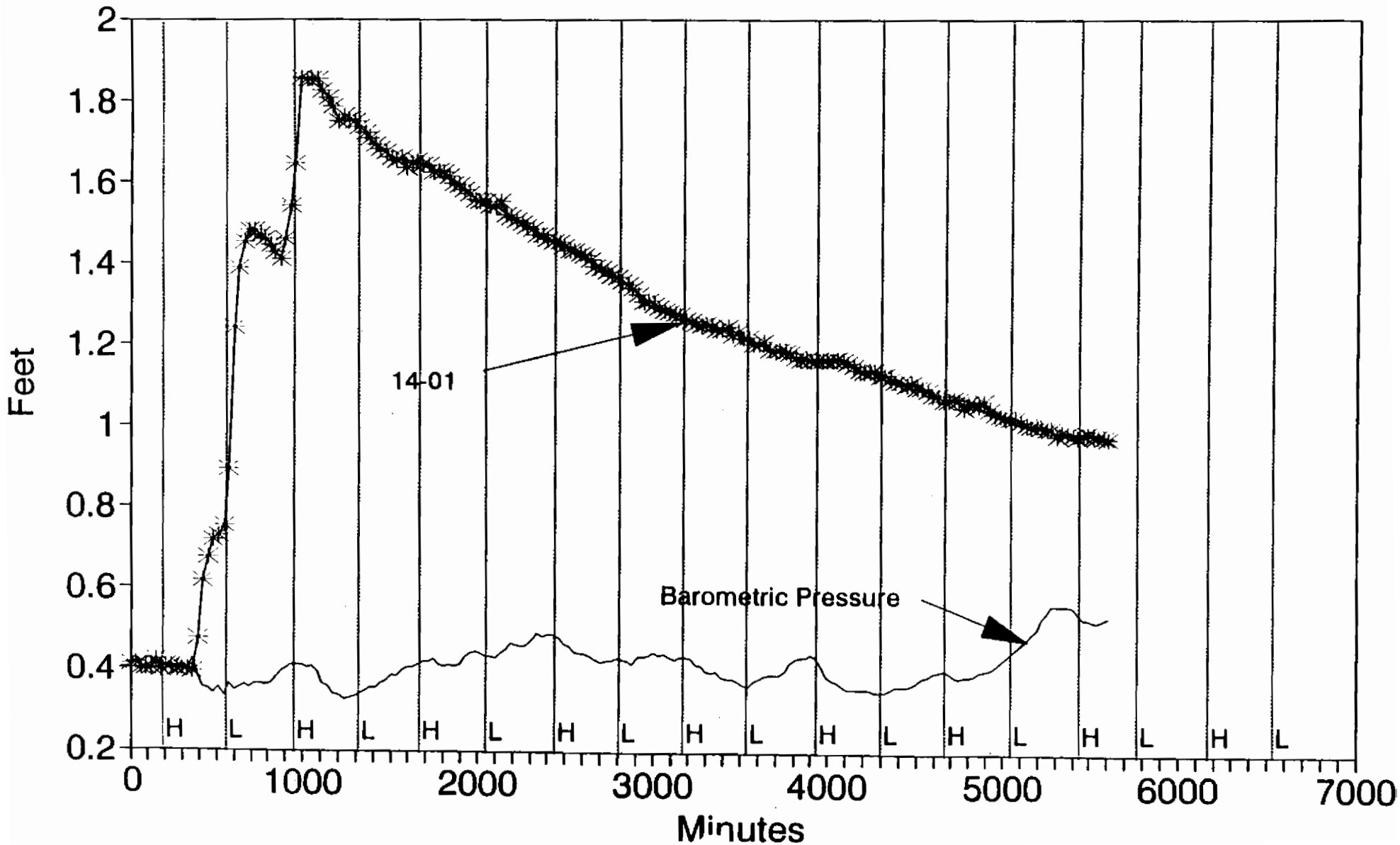
NBCH ZONE H TIDAL INFLUENCE STUDY

SHALLOW WELL NBCHGDH009



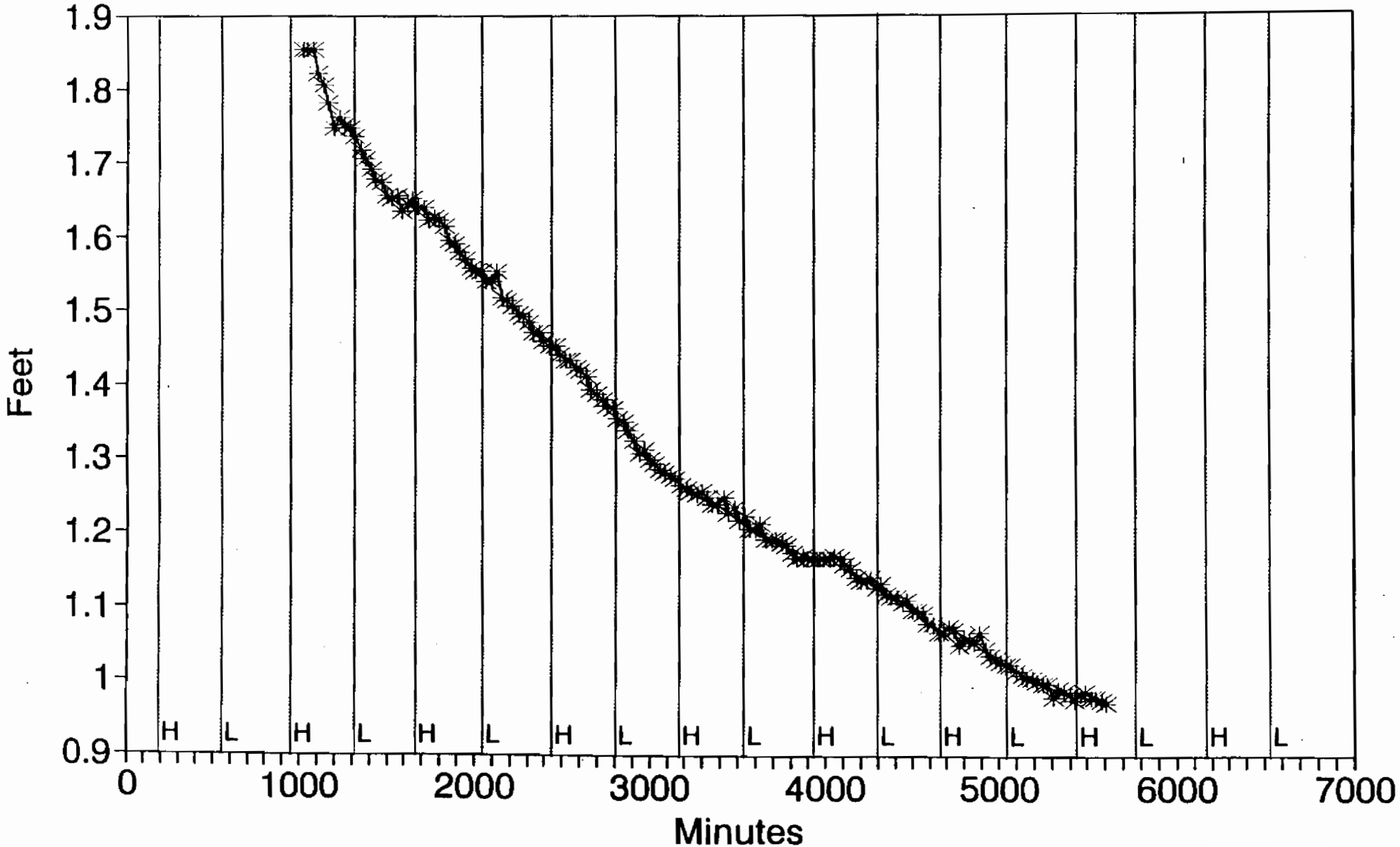
NBCH ZONE H TIDAL INFLUENCE STUDY

SHALLOW WELL NBCH014001



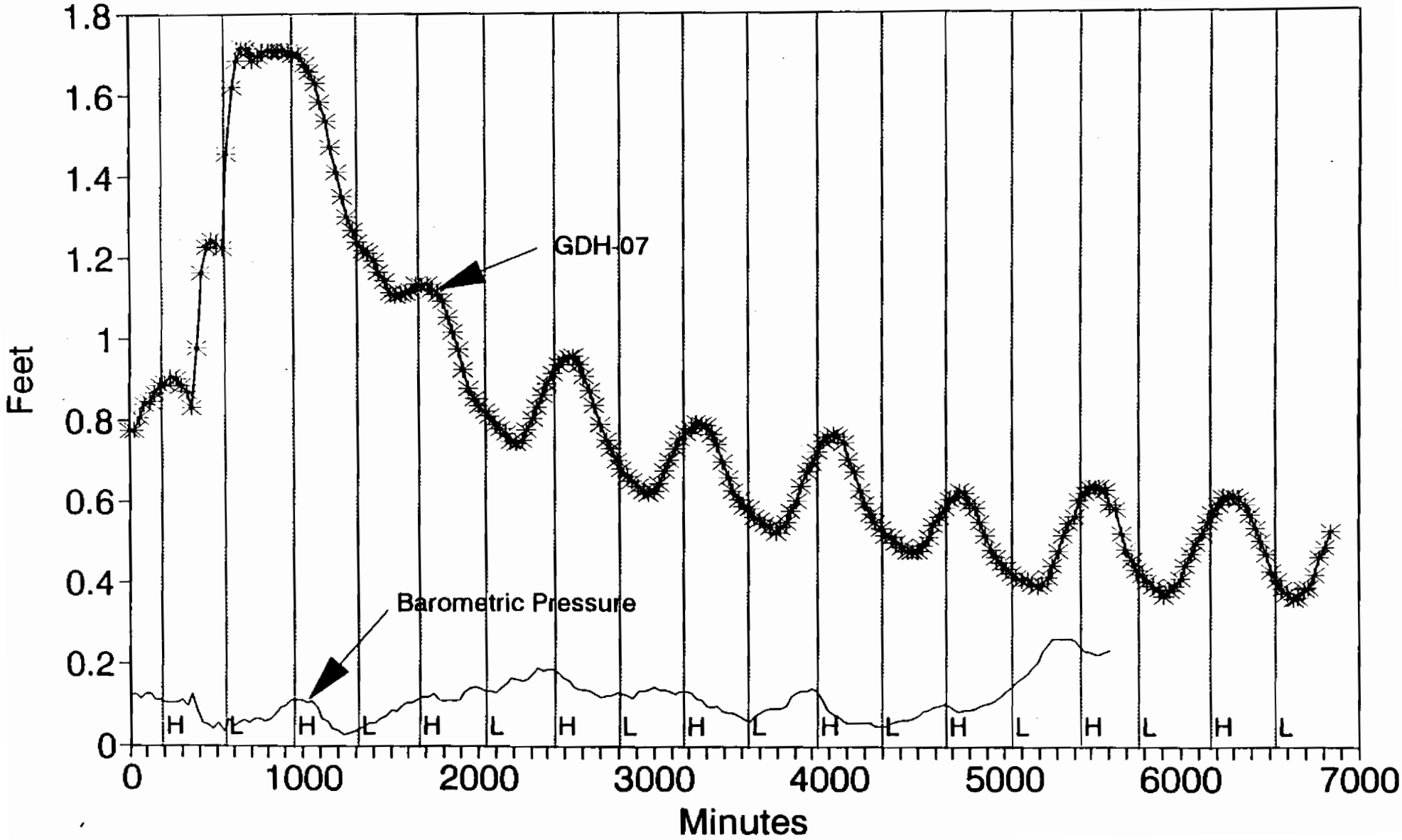
NBCH ZONE H TIDAL INFLUENCE STUDY

SHALLOW WELL NBCH014001



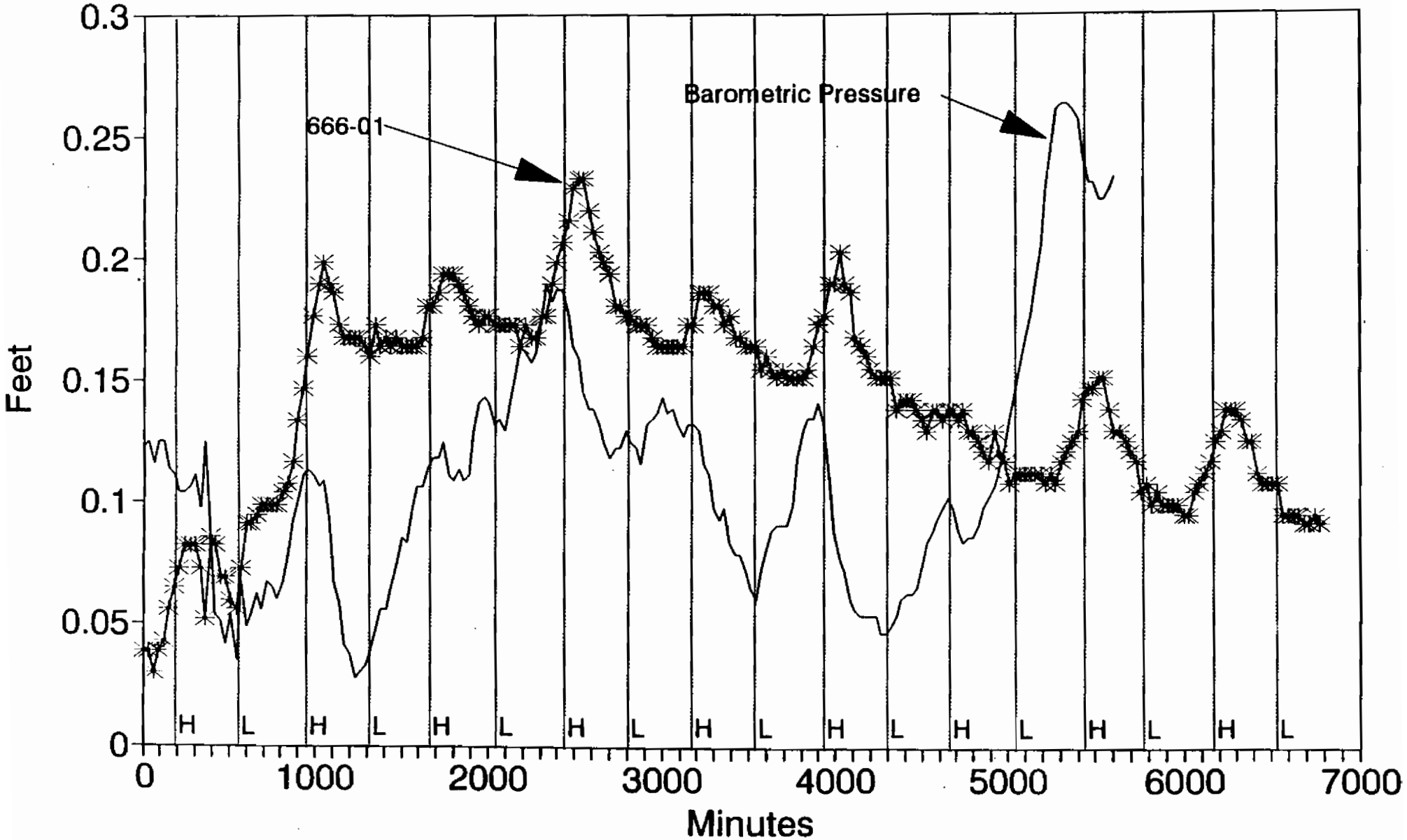
NBCH ZONE H TIDAL INFLUENCE STUDY

SHALLOW WELL NBCHGDH007



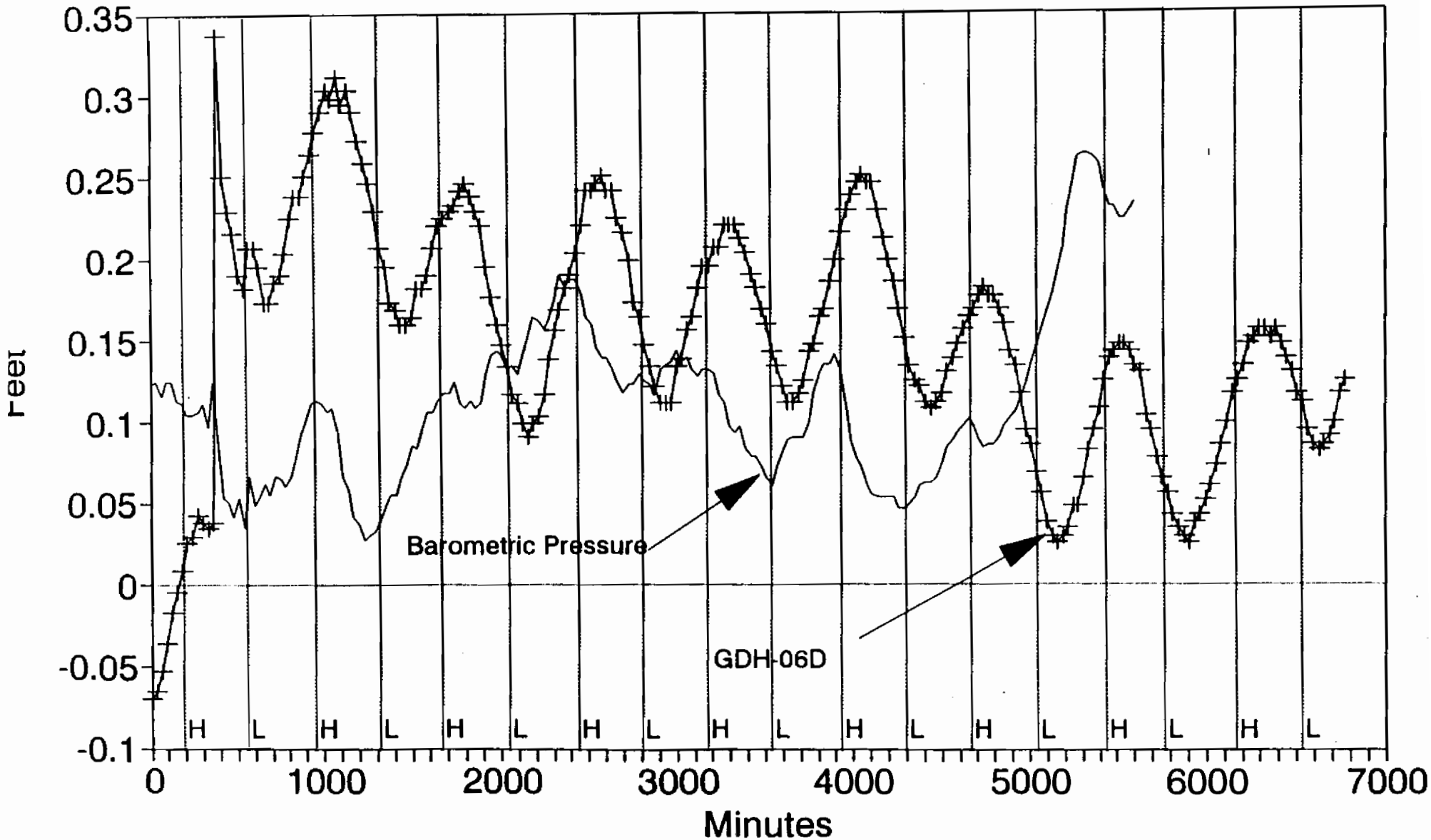
NBCH ZONE H TIDAL INFLUENCE STUDY

SHALLOW WELL NBCH666001

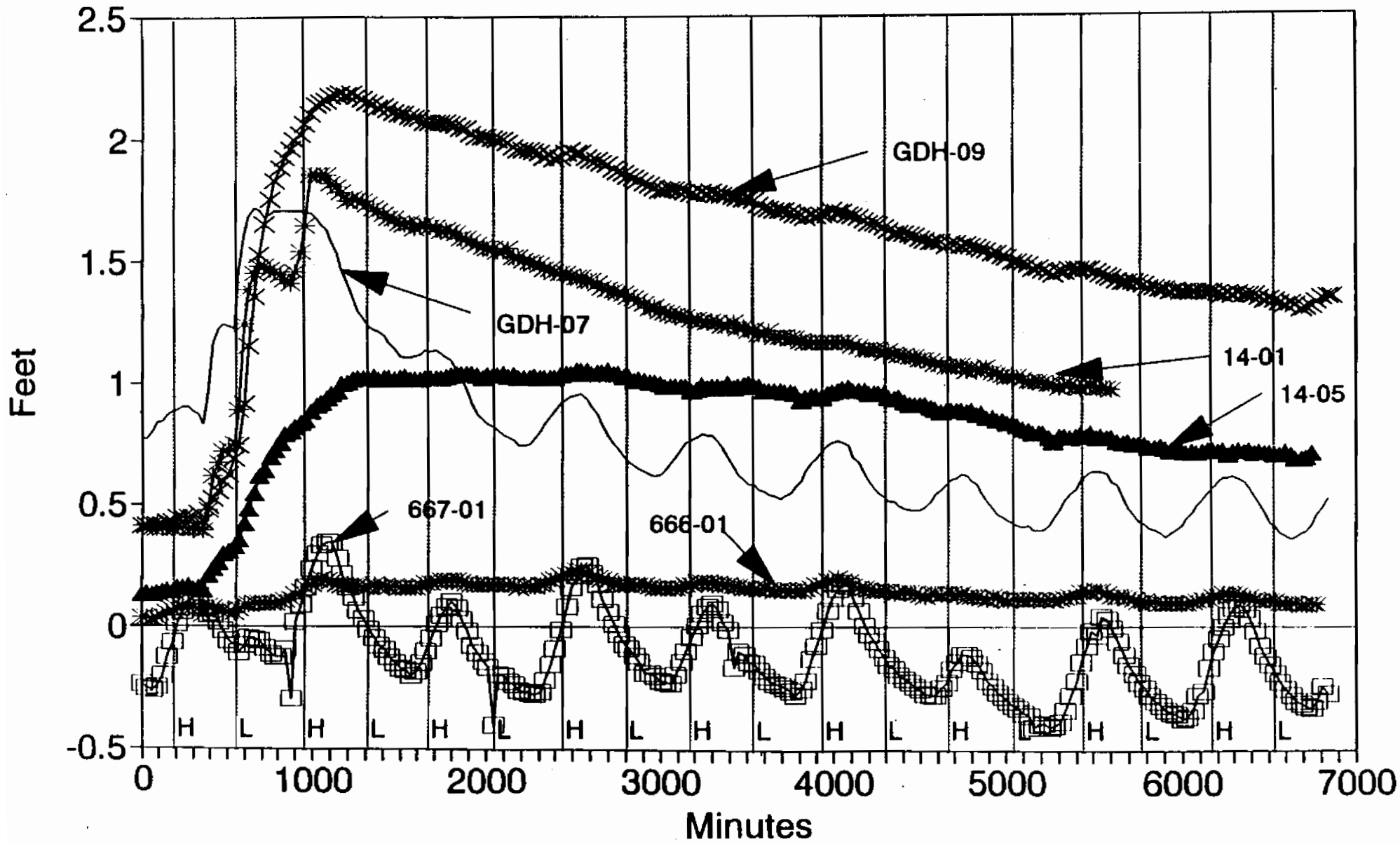


NBCH ZONE H TIDAL INFLUENCE STUDY

DEEP WELL NBCHGDH06D

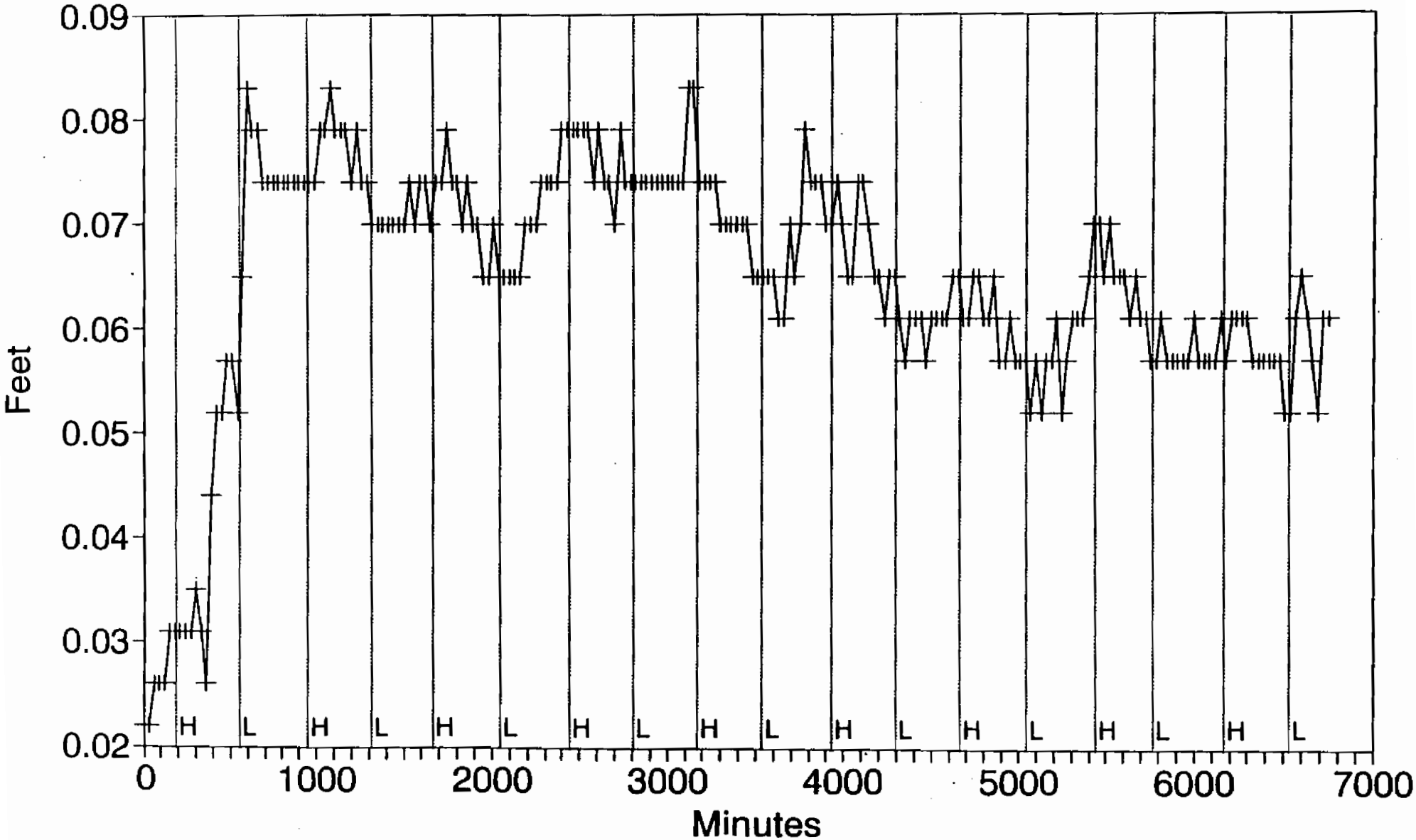


NBCH ZONE H TIDAL INFLUENCE STUDY
CROSS SECTION B-B' SHALLOW WELLS



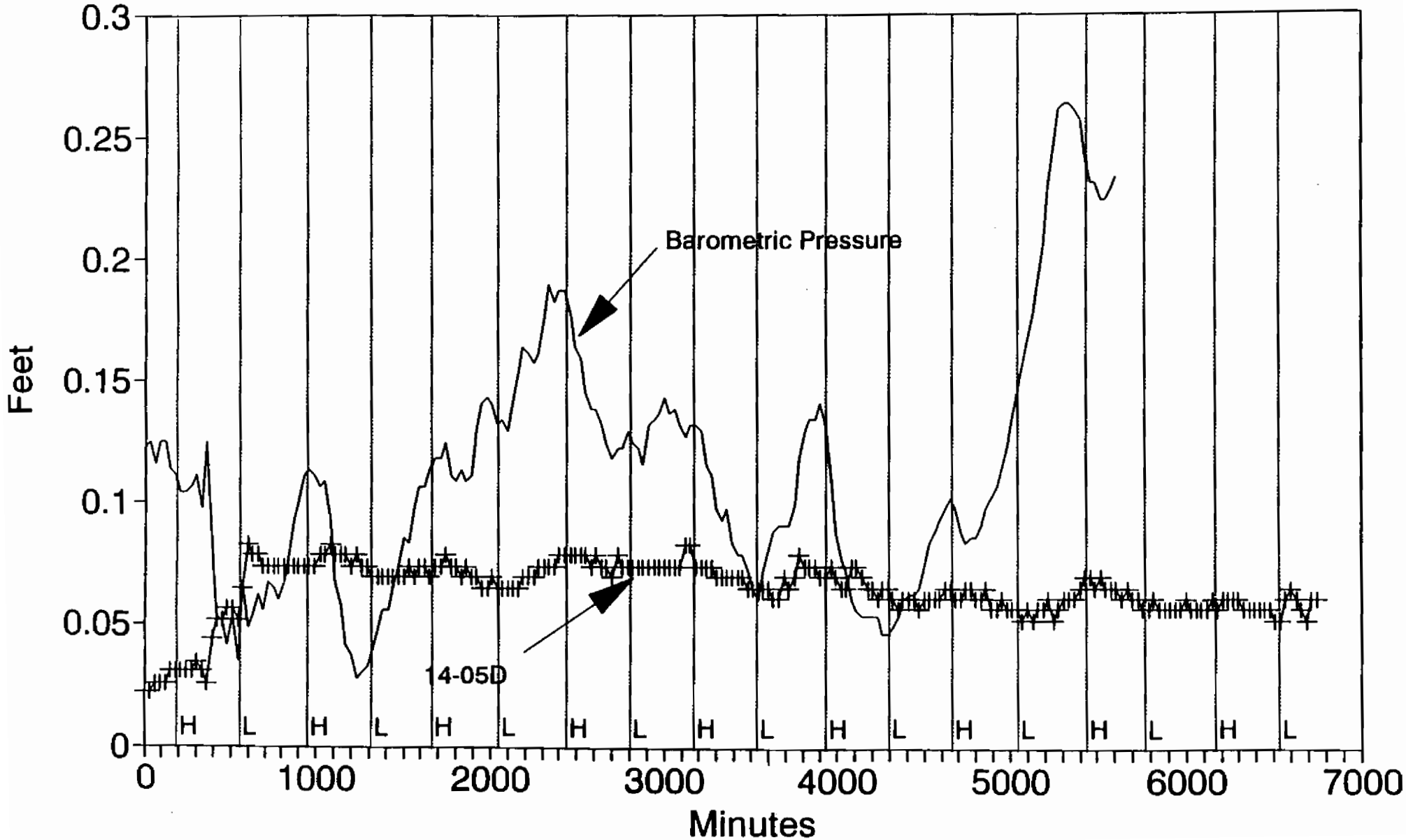
NBCH ZONE H TIDAL INFLUENCE STUDY

DEEP WELL NBCH01405D

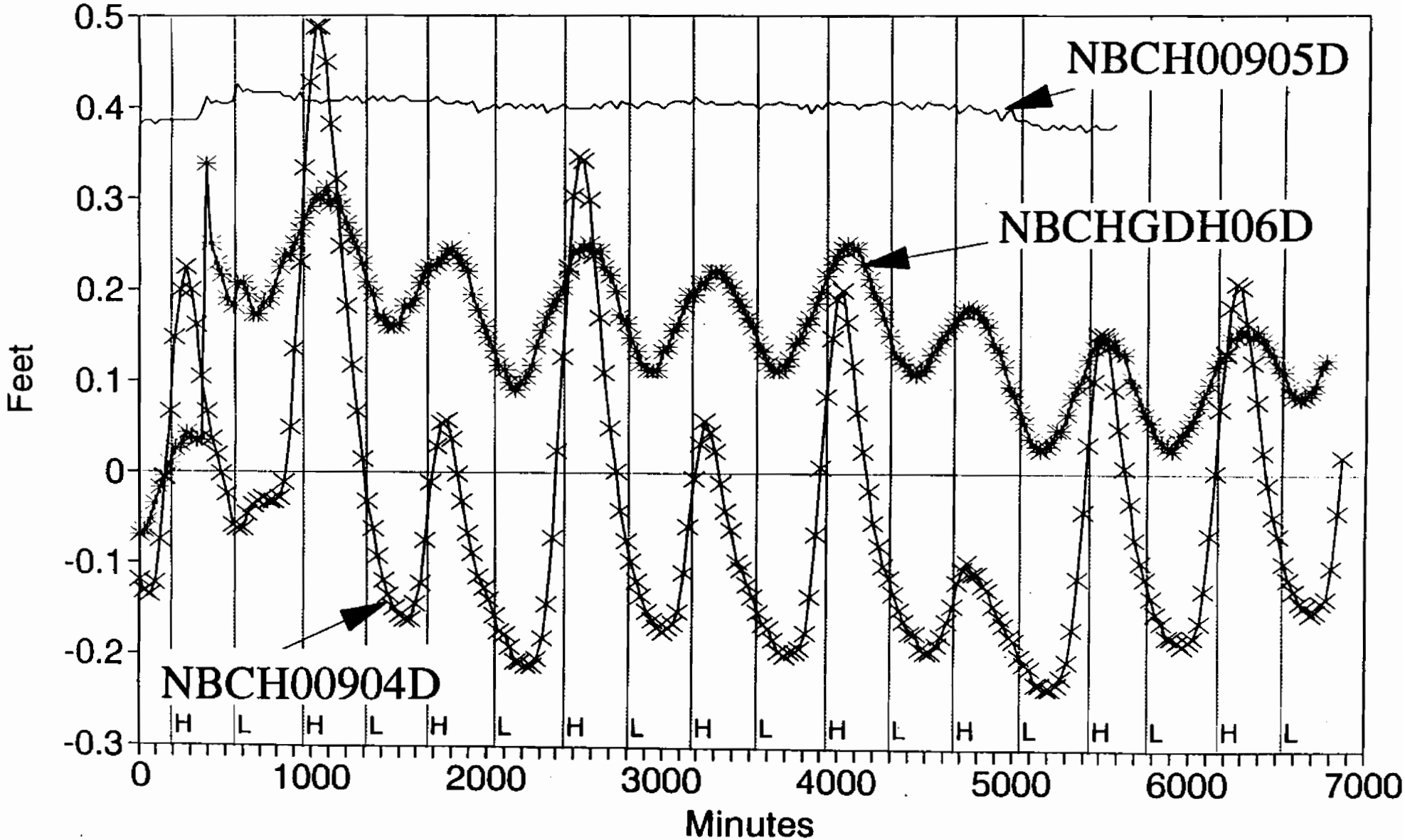


NBCH ZONE H TIDAL INFLUENCE STUDY

DEEP WELL NBCH01405D



NBCH ZONE H TIDAL INFLUENCE STUDY
CROSS SECTION A-A' DEEP WELLS



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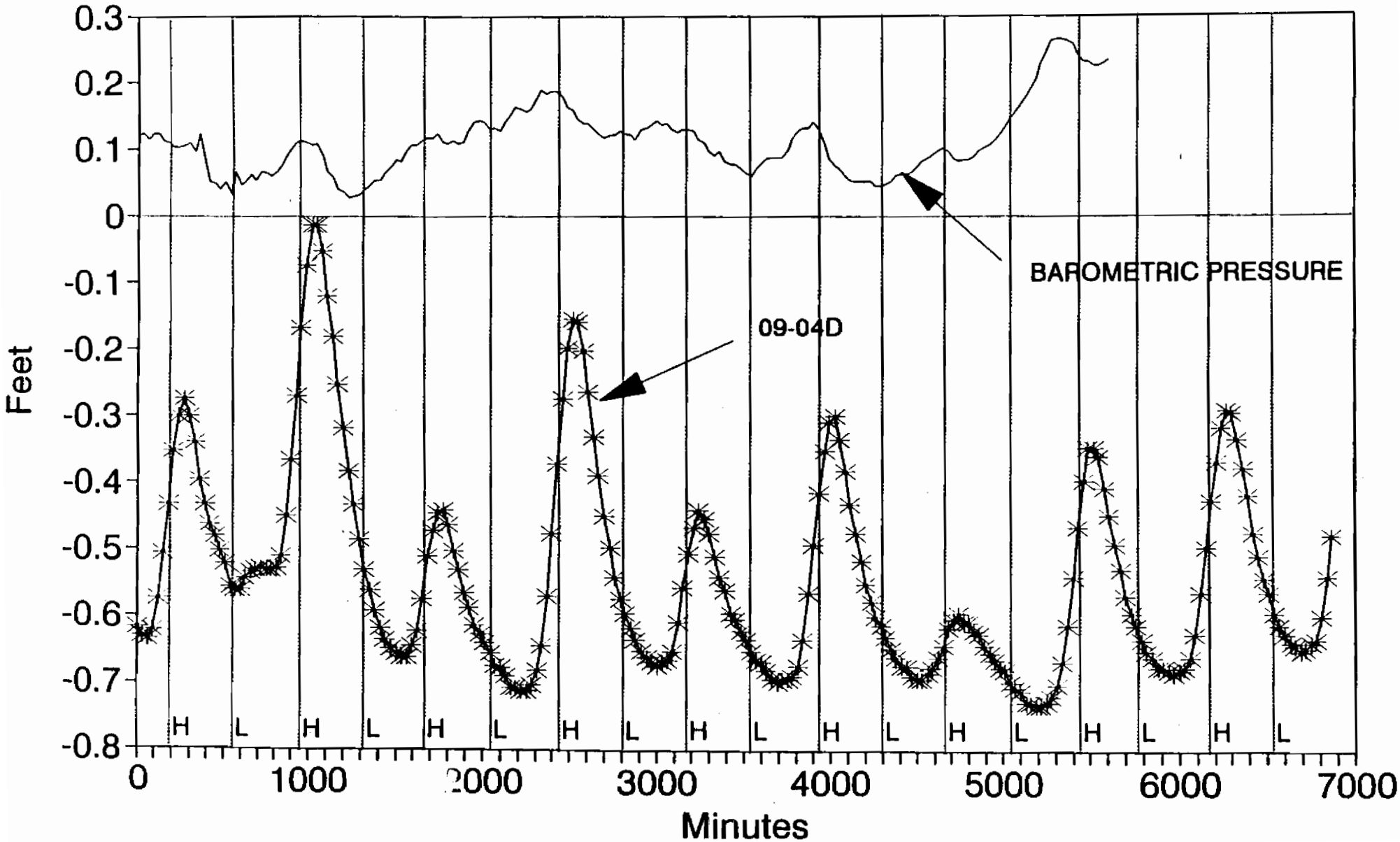

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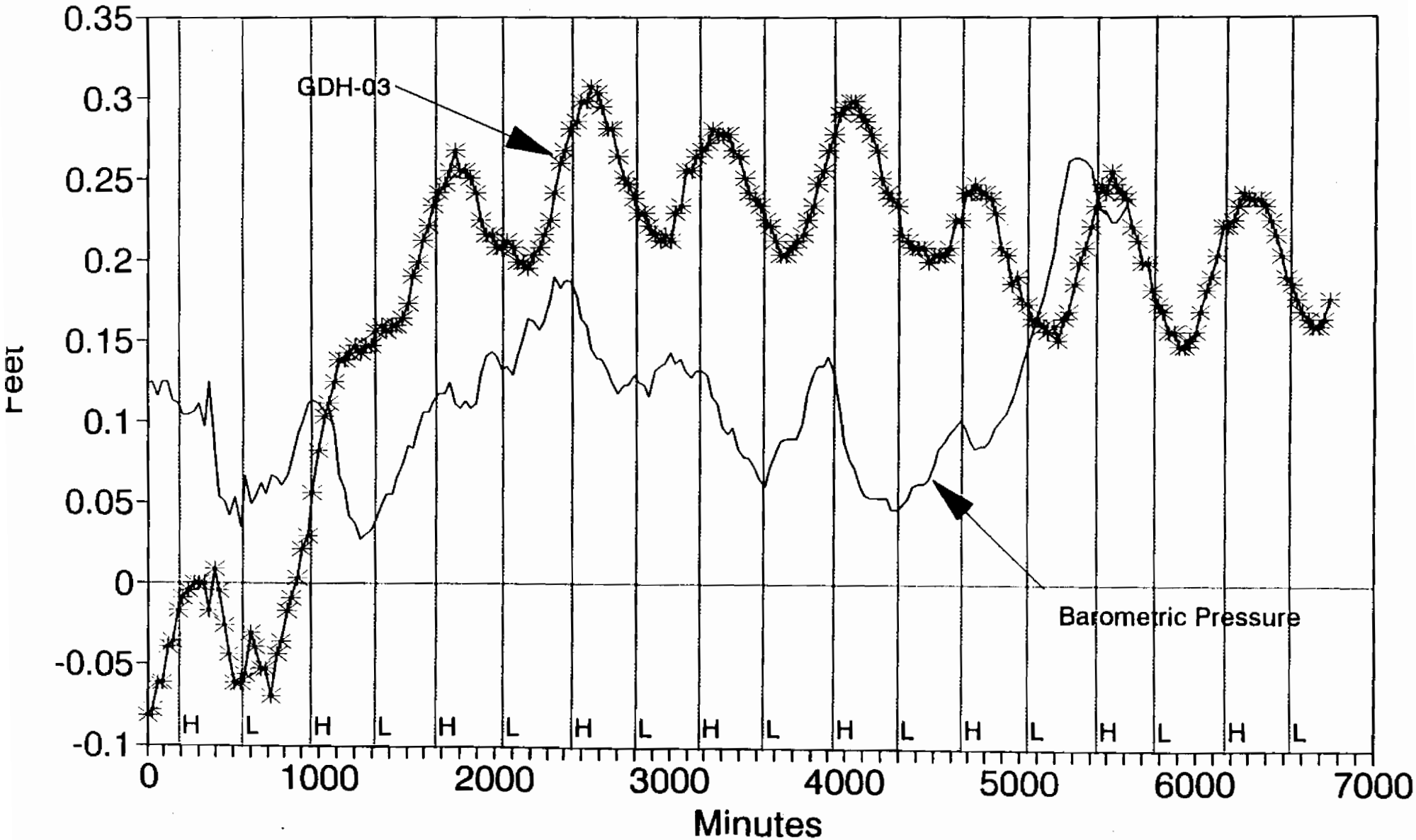

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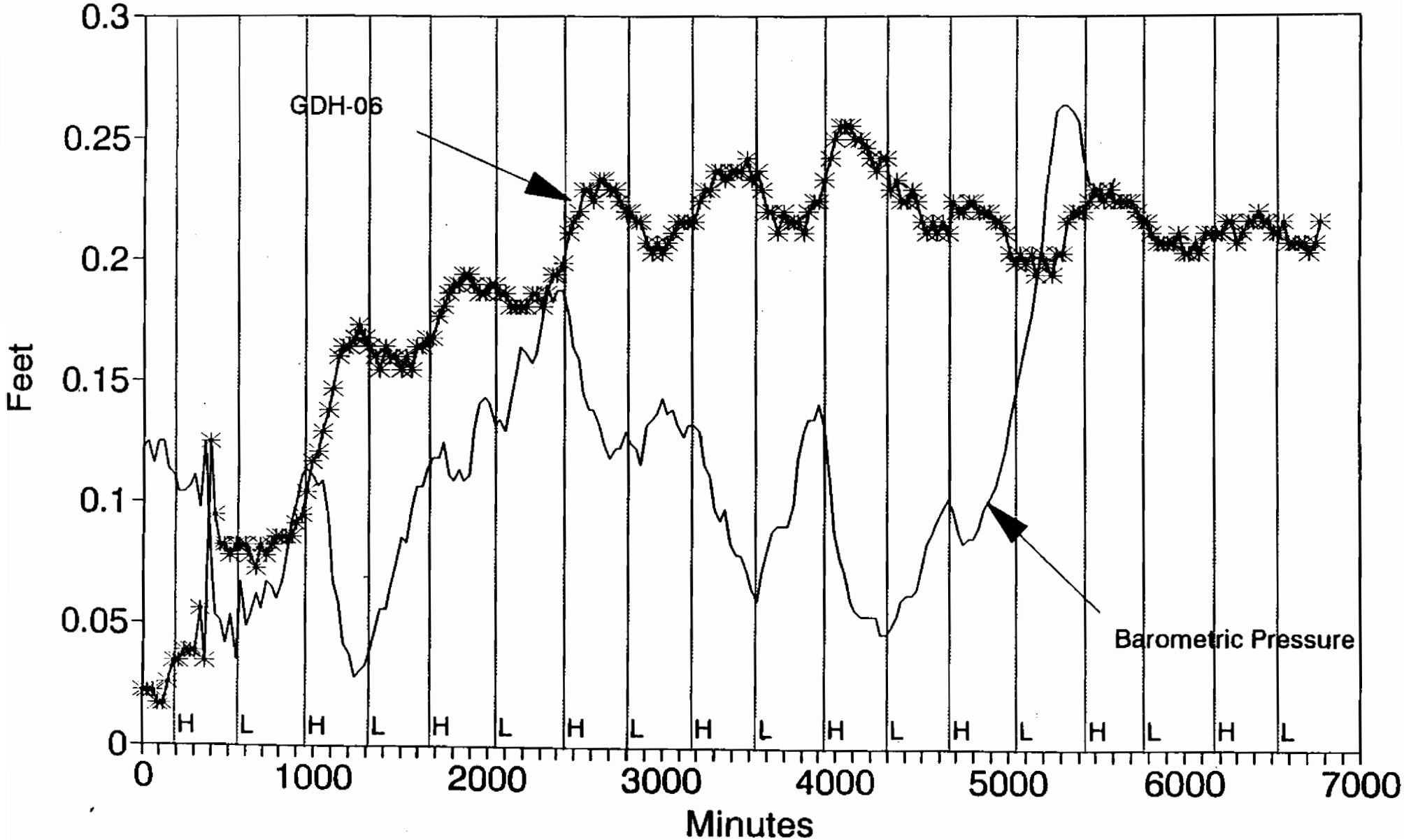

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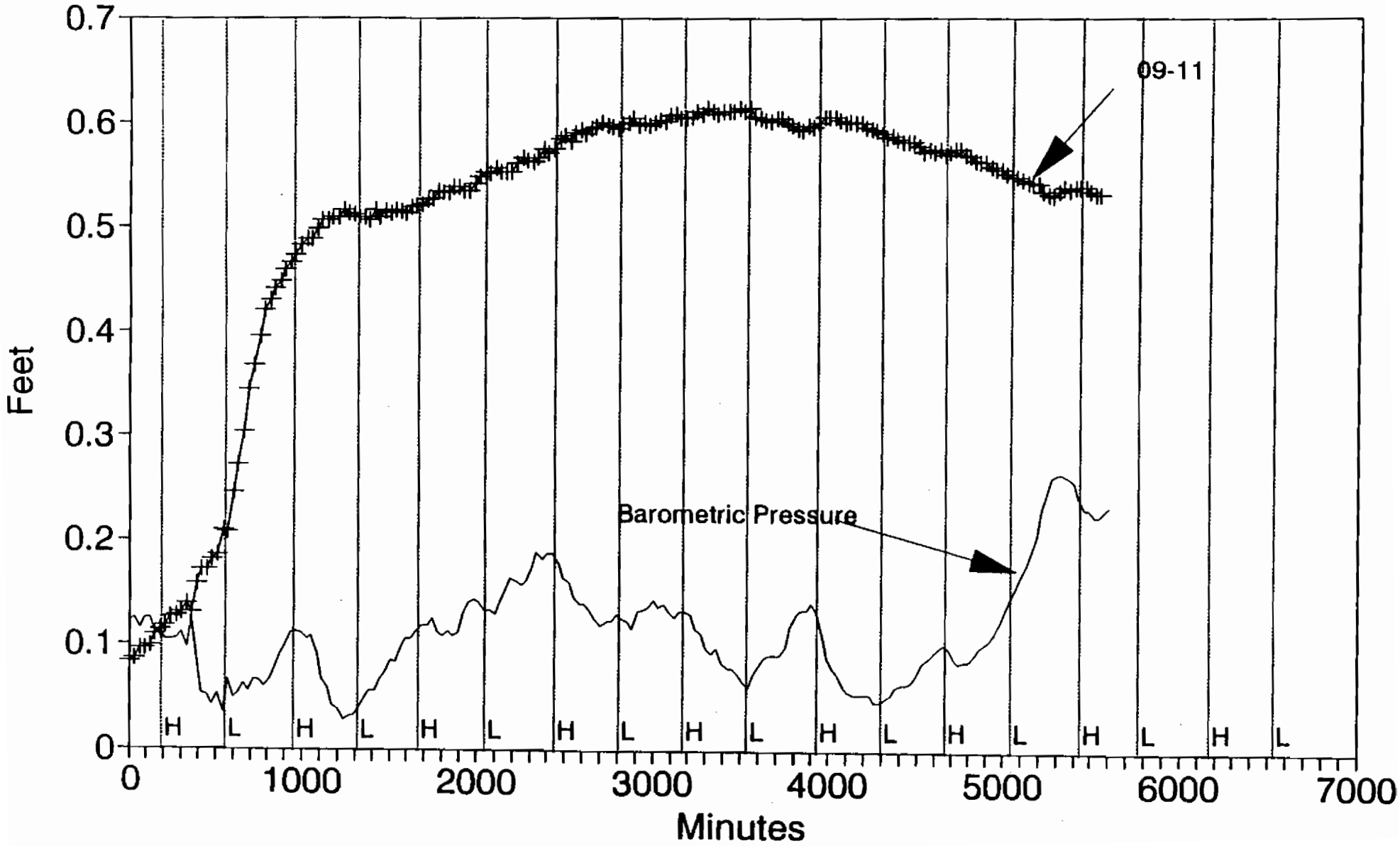

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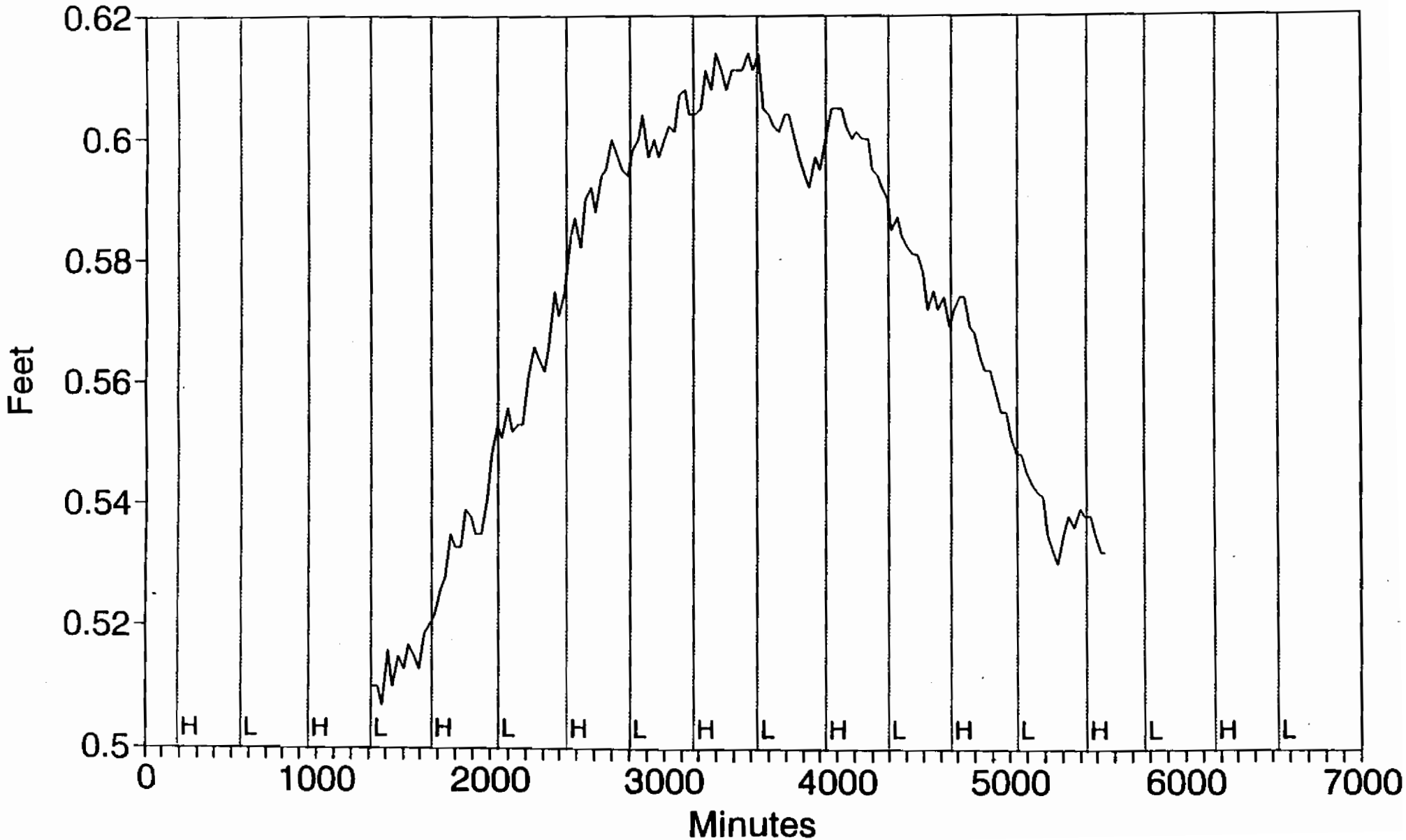

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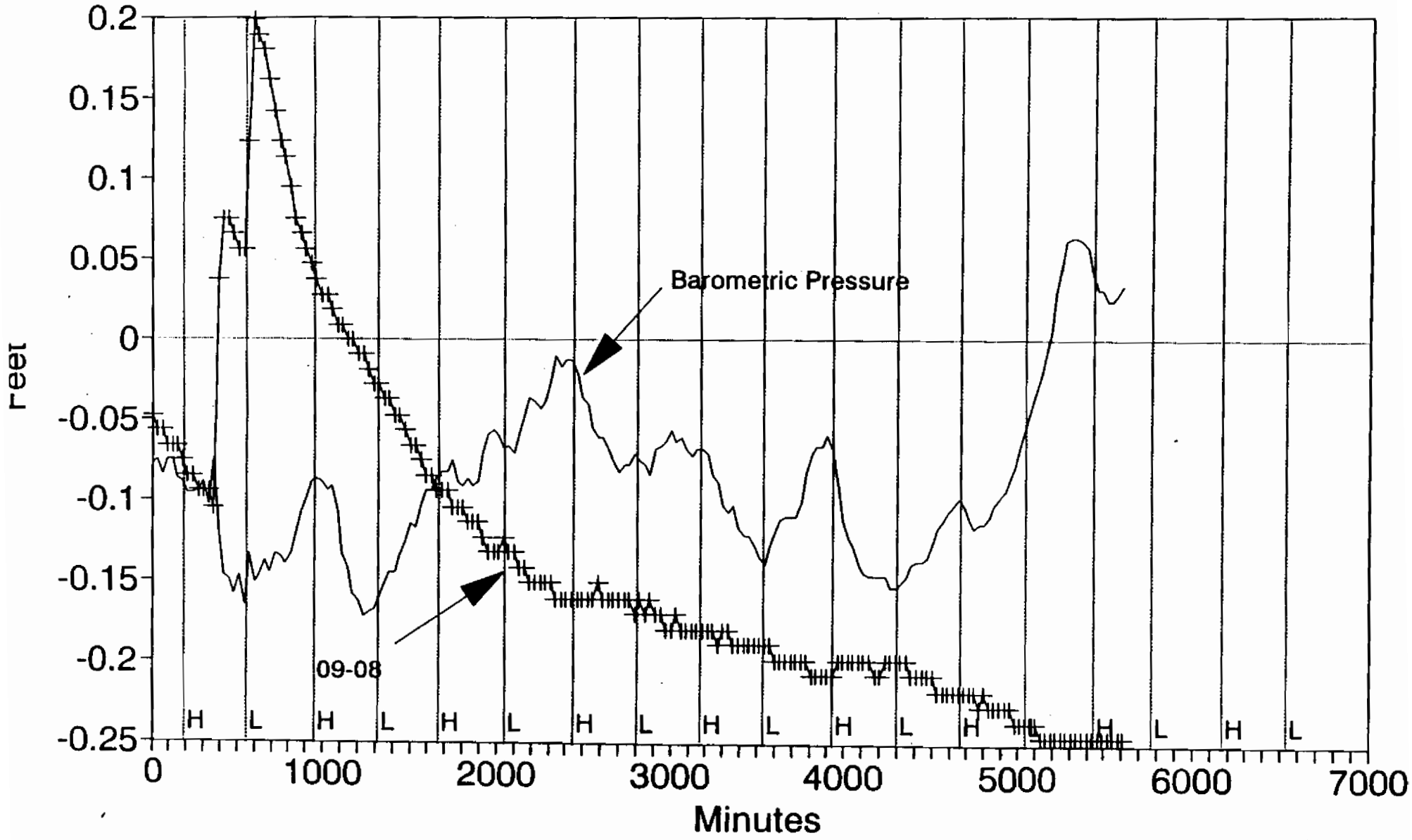

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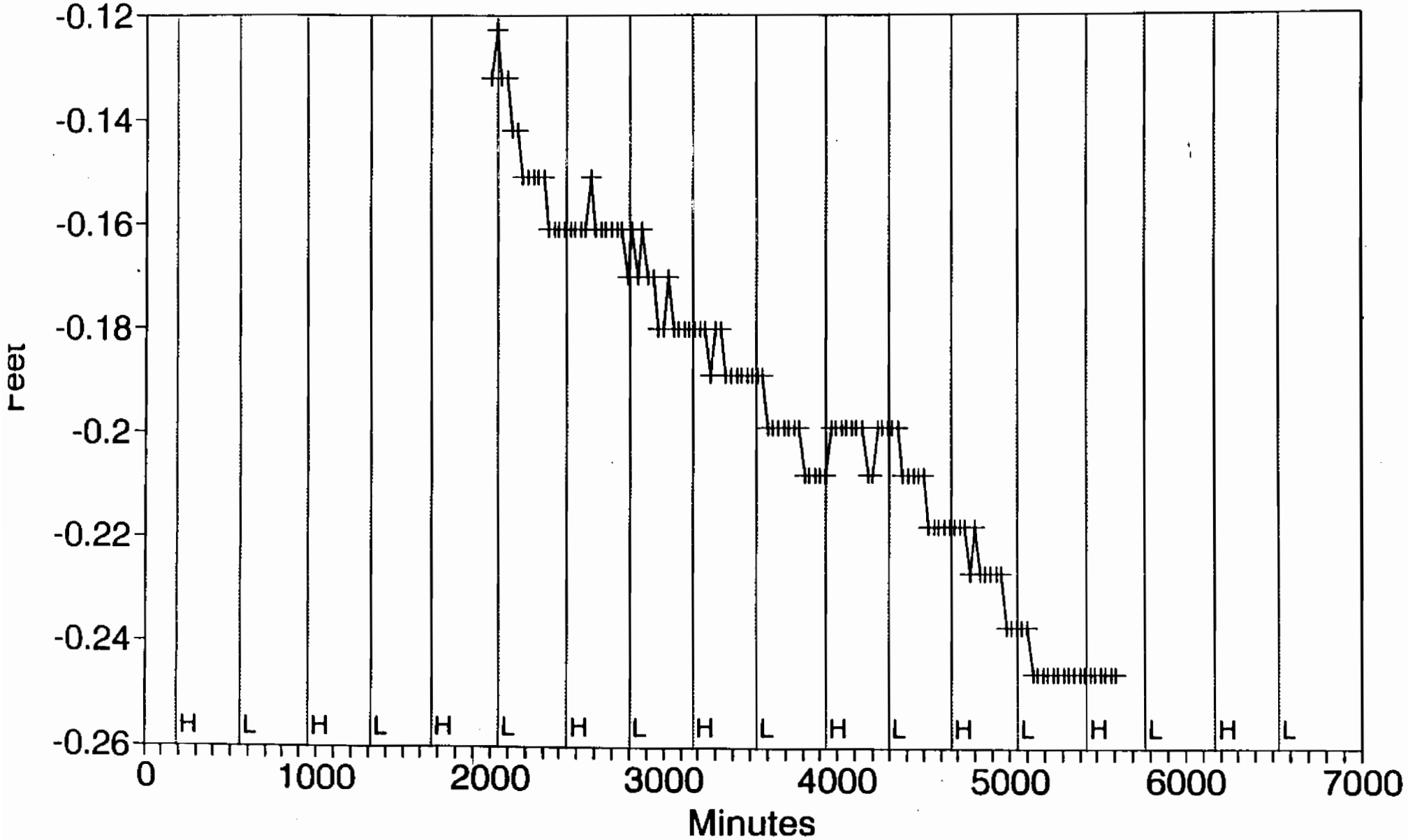

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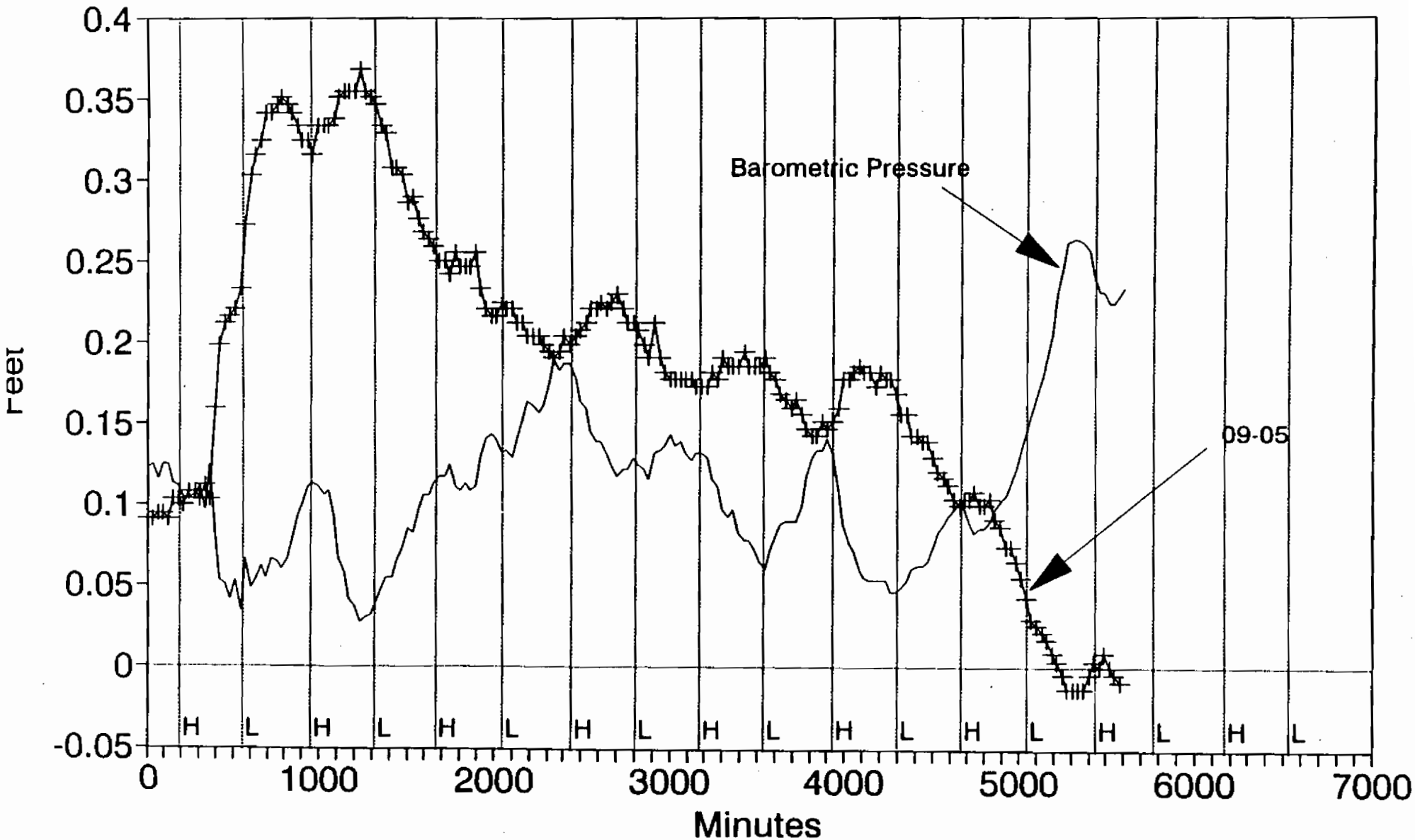
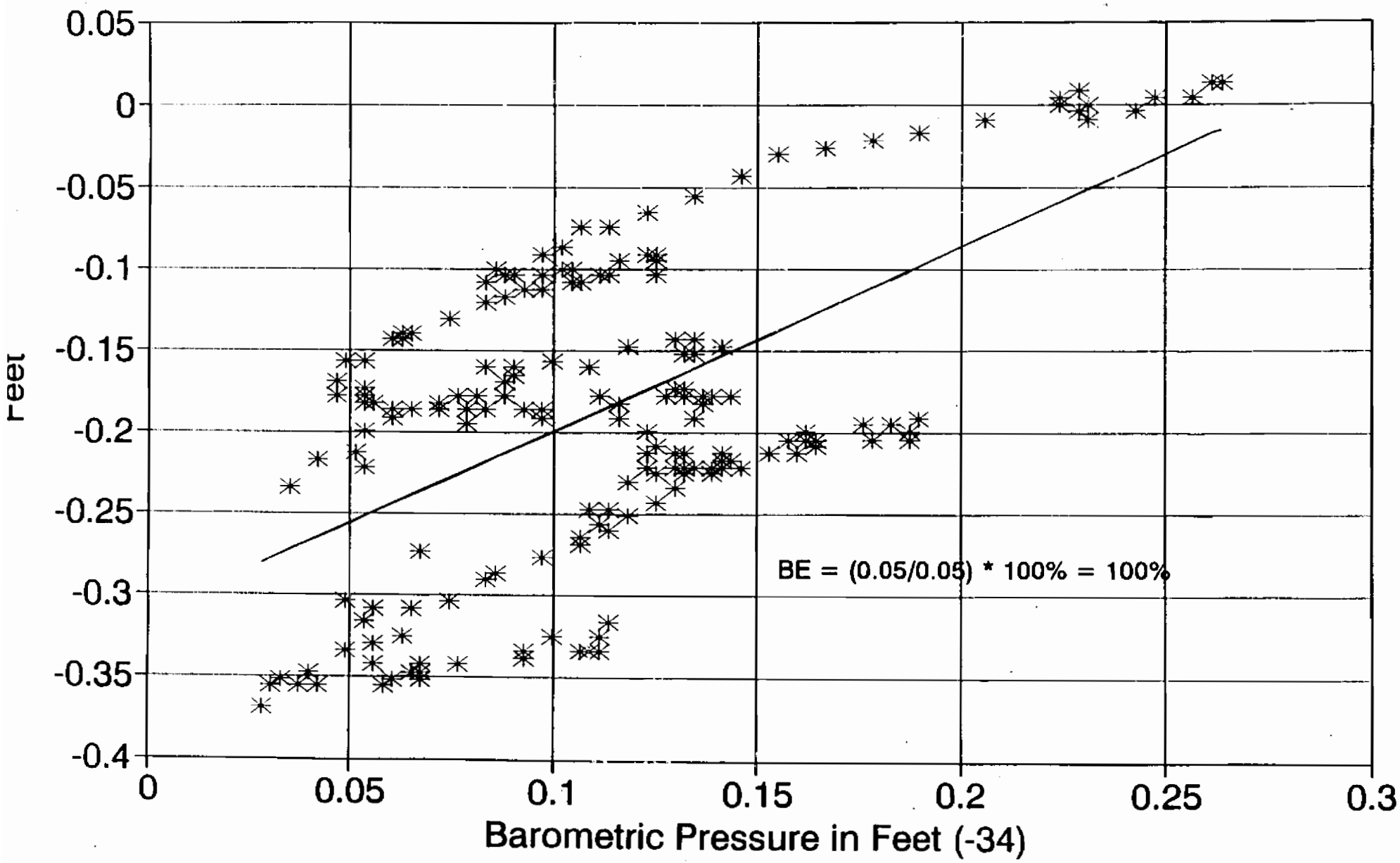
SHALLOW WELL NBCH009005

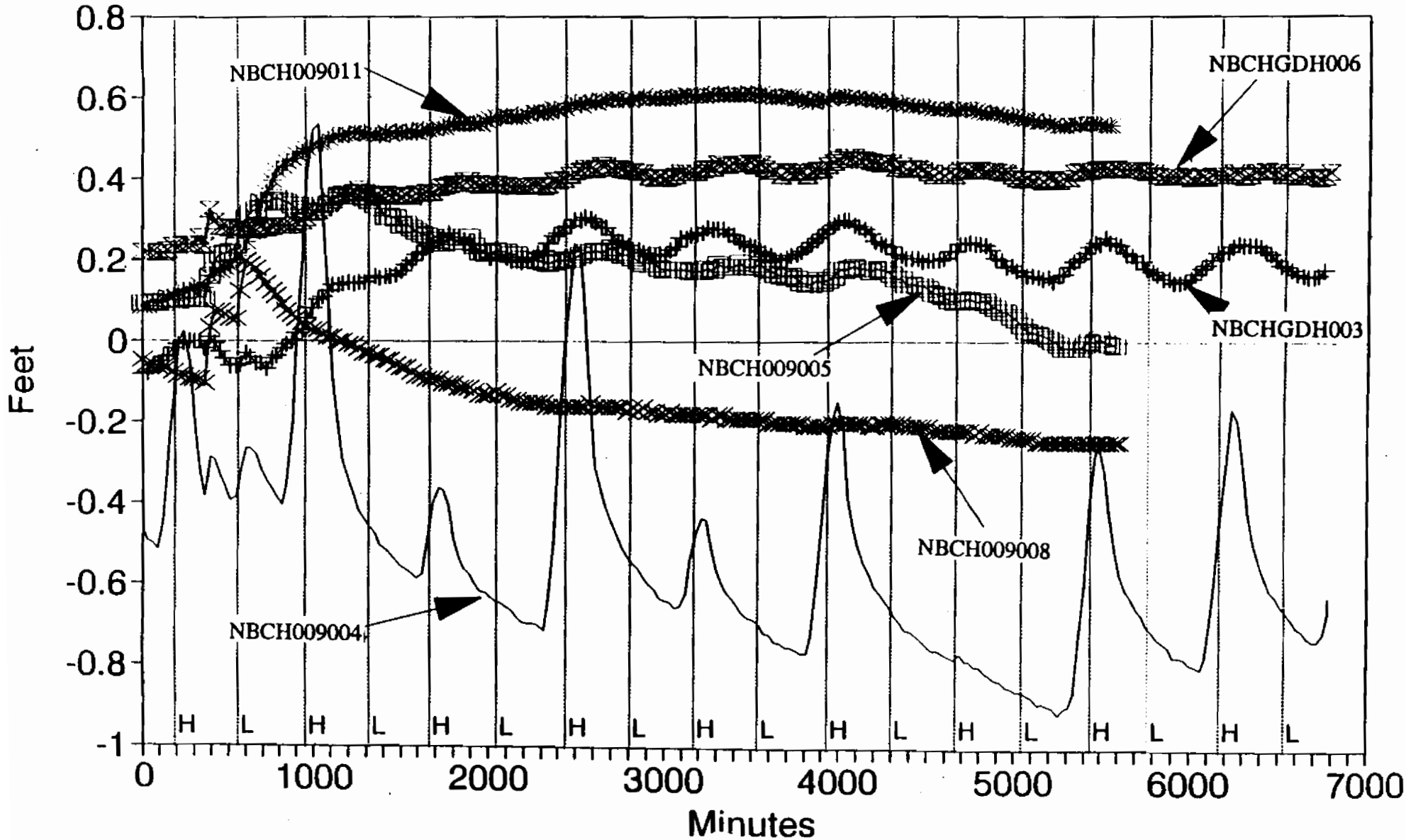


NBCH ZONE H TIDAL INFLUENCE STUDY

BAROMETRIC EFFICIENCY OF NBCH009005



NBCH ZONE H TIDAL INFLUENCE STUDY
CROSS SECTION A-A' SHALLOW WELLS



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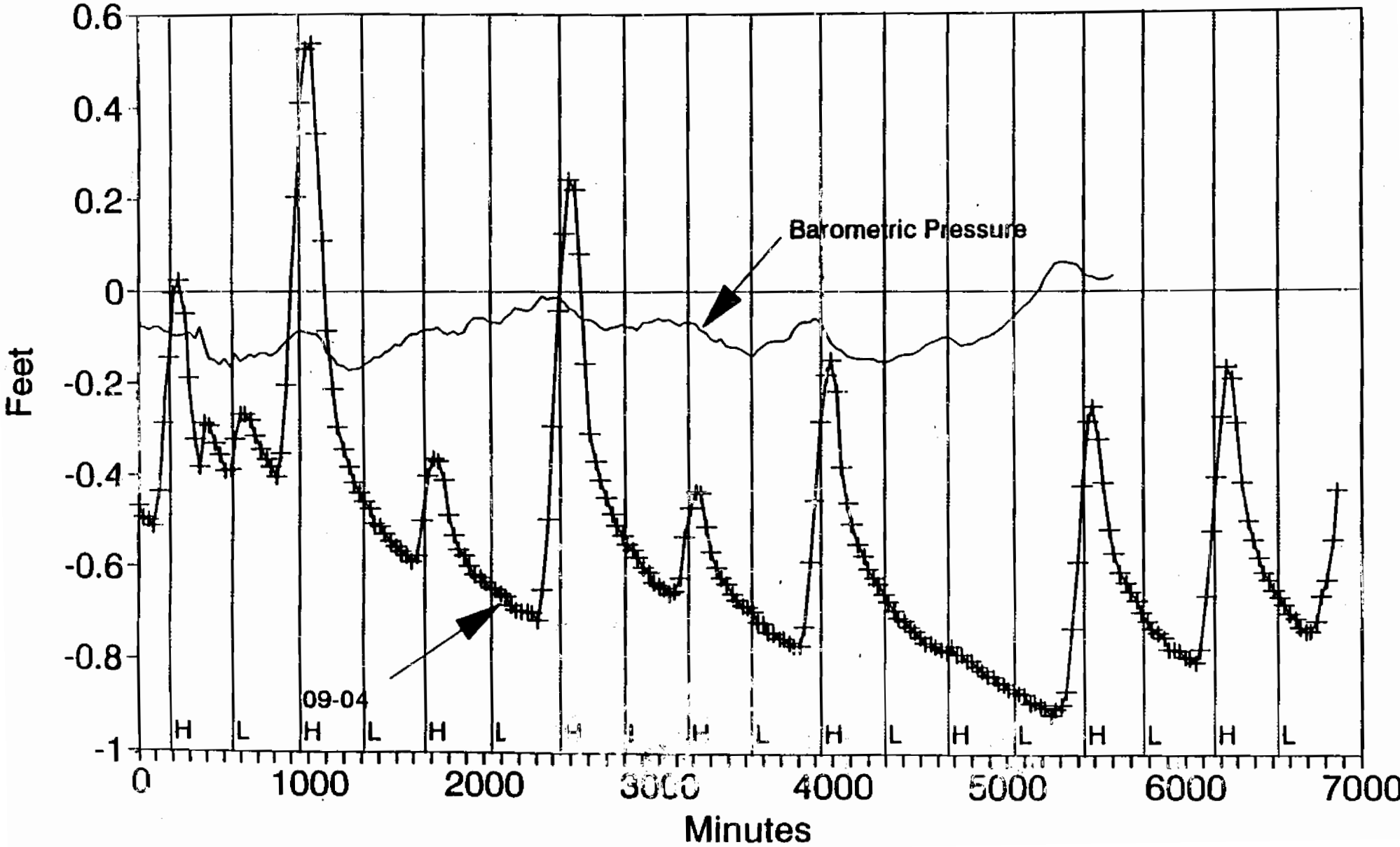
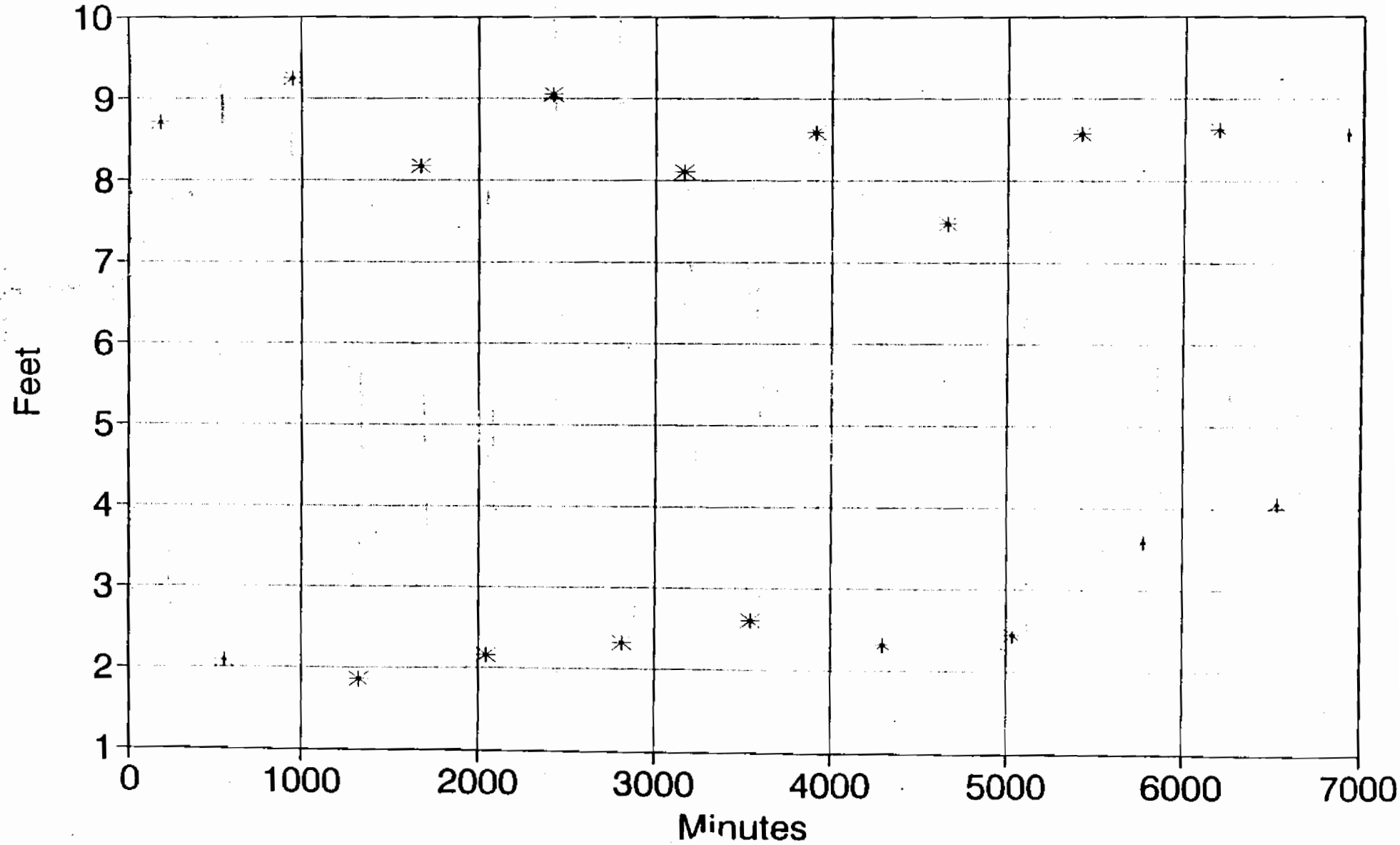
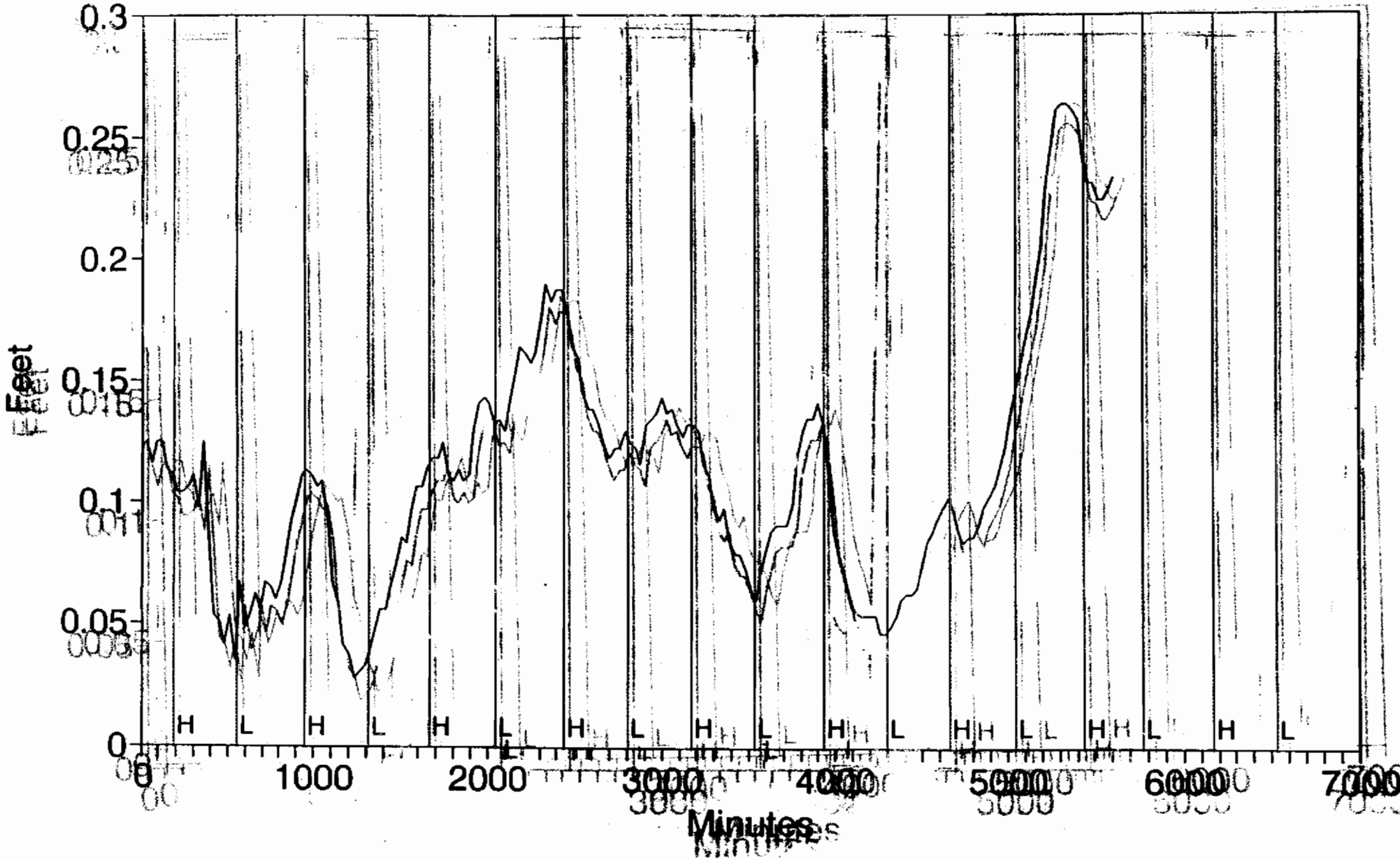
SHALLOW WELL NBCH009004



NBCH ZONE H TIDAL INFLUENCE STUDY
ACTUAL TIDAL DATA



NBCH ZONE H TIDAL INFLUENCE STUDY
BAROMETRIC PRESSURE