194IHSSF2206

DocumentID	NONCD0002867
Site Name	ATKINSON ST CONTAMINATION
DocumentType	Correspondence (C)
RptSegment	1
DocDate	11/21/2008
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AccessLevel	PUBLIC
Division	WASTE MANAGEMENT
Section	SUPERFUND
Program	IHS (IHS)
DocCat	FACILITY

MEMORANDUM

DATE: November 21, 2008

TO: Dave Brown, Hydrogeologist
Inactive Hazardous Sites Branch

FROM: Hanna Assefa, Industrial Hygiene Consultant
Inactive Hazardous Sites Branch

RE: Health Risk Evaluation
Gordon Haught, Residence
109 Atkinson St.
Hamlet, Rockingham County

A water sample was collected on October 9, 2008 from the water supply well at the subject address. During this sampling event, four contaminants were detected in the well water. The concentration of 1,1-dichloroethene exceeded it's applicable standard. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L).

If any contaminant concentrations exceed applicable standards for using the water for drinking and cooking, those contaminant concentrations are further analyzed to determine if the water is suitable for household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Based on this evaluation, and the fact that the 1,1-dichloroethene concentration exceeds the USEPA MCL, the water from this well should not be used for drinking and cooking. The water from this well can be used for the other residential purposes described above.** The table below compares detected contaminant concentrations with the applicable standards.

Sample ID	Compound	Concentration (ug/l)	USEPA MCL(ug/l)
ES101008-0012001	1,1-Dichloroethene	23.5	7
	1,1-Dichloroethane	3.6	5
	Chloroform	0.8	80
	1,1,1-Trichloroethane	0.7J	200

NCAC 2L

70

Shaded area indicates exceedance
J Estimated Concentration

No MCL
NA

PLEASE READ INSTRUCTION SHEET

VOA VIALS CONTAIN 1:1 HCL
DO NOT RINSE

VOC

N.C. Department of Health and Human Services
Division of Public Health
State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St., Raleigh, NC 27611-8047

10

Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: Gordon Haught

Address: 109 Atkinson St.
Hamlet, NC Zip: 28345

Telephone # (910) 582-~~2688~~ 2689

County: Richmond

Report to: Env. Health Section

Telephone # (910) 997-8320

Address: 127 Caroline St.
Rockingham, NC 28379

Collected By: Bryan Hancock, RS. (Mike) (Not a direct line)

Telephone # (910) 997-8320

Date Collected: 10-9-08 (O/T Yard spigot)

Analysis Desired: VOC's

Laboratory Number	Sample #	Sample Description or Remarks	Results In
081991		2-40ml vials 6.0°C	
ES101008-0012001 081991 10/09/2008 VOA 524.2 (47)		SEE ATTACHED SHEET(S)	
		DCE = 23.5 ug/l	
ES101008-0012002 081992 10/08/2008 VOA 524.2 (47)			
081992		TRIP BLANK (DATE: 10-8-08) SEE ATTACHED SHEET(S)	

Date Received: OCT 10 2008 KCM

Date Extracted:

Date Reported: OCT 23 2008

Date Analyzed: 10-16-08

Reported By: Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

North Carolina State Laboratory of Public Health

Environmental Sciences

Certificate of Analysis

P.O. Box 28047
306 N. Wilmington St.
Raleigh, NC 27611-8047
http://slph.state.nc.us
Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES101008-0012**

Report To:

RICHMOND CO ENVIRONMENTAL HEALTH

127 CAROLINE ST

ROCKINGHAM, NC 28379

Attn:
County: RICHMOND

Name of System:

HAUGHT, GORDON
109 ATKINSON ST.

HAMLET, NC 28345

Well Permit #:

Sample #: **ES101008-0012001**
Sample Type: **Water**
Sample Source:
Location Code:
Sample Desc:
Comment:

Collected: 10/09/2008 BRYAN HANCOCK
Received: 10/13/2008 16:12 MNICHOLSON
Sampling Point:
Temp. at Receipt: 6.0 DEG C
GPS #:

Category:
Client Sample #: 081991
Treatment:
Air Volume:

Organic Chem - VOCs **Method:** EPA 524.2

VOA 524.2 (47)

Analyte	Result	RL	Units	Qualifier(s)
Chloromethane	Not Detected	0.5	ug/L	
Vinyl chloride	Not Detected	0.5	ug/L	
Bromomethane	Not Detected	0.5	ug/L	
Chloroethane	Not Detected	0.5	ug/L	
Trichlorofluoromethane	Not Detected	0.5	ug/L	
1,1-Dichloroethene	23.5	0.5	ug/L	
Acetone	Not Detected	2.0	ug/L	
Iodomethane	Not Detected	0.5	ug/L	
Carbon Disulfide	Not Detected	0.5	ug/L	
Methylene chloride	Not Detected	0.5	ug/L	
Acrylonitrile	Not Detected	0.5	ug/L	
trans-1,2-Dichloroethene	Not Detected	0.5	ug/L	
MTBE	Not Detected	0.5	ug/L	
1,1-Dichloroethane	3.6	0.5	ug/L	
Isopropyl Ether	Not Detected	0.5	ug/L	
cis-1.2-Dichloroethene	Not Detected	0.5	ug/L	
2-Butanone (MEK)	Not Detected	2.0	ug/L	
Tetrahydrofuran	Not Detected	2.0	ug/L	
Chloroform (T)	0.8	0.5	ug/L	J
1,1,1-Trichloroethane	0.7	0.5	ug/L	J
Carbon Tetrachloride	Not Detected	0.5	ug/L	
Benzene	Not Detected	0.5	ug/L	
1,2-Dichloroethane	Not Detected	0.5	ug/L	
Trichloroethene	Not Detected	0.5	ug/L	
1,2-Dichloropropane	Not Detected	0.5	ug/L	
Dibromomethane	Not Detected	0.5	ug/L	

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Sample Group: **ES101008-0012**

Bromodichloromethane (T)	Not Detected	0.5	ug/L
cis-1,3-Dichloropropene	Not Detected	0.5	ug/L
4-Methyl-2-pentanone	Not Detected	0.5	ug/L
Toluene	Not Detected	0.5	ug/L
trans-1,3-Dichloropropene	Not Detected	0.5	ug/L
1,1,2-Trichloroethane	Not Detected	0.5	ug/L
Tetrachloroethene	Not Detected	0.5	ug/L
2-Hexanone	Not Detected	0.5	ug/L
Dibromochloromethane (T)	Not Detected	0.5	ug/L
1,2-Dibromoethane(EDB)	Not Detected	0.5	ug/L
Chlorobenzene	Not Detected	0.5	ug/L
1,1,1,2-Tetrachloroethane	Not Detected	0.5	ug/L
Ethylbenzene	Not Detected	0.5	ug/L
Total Xylenes	Not Detected	0.5	ug/L
Styrene	Not Detected	0.5	ug/L
Bromoform (T)	Not Detected	0.5	ug/L
1,1,2,2-Tetrachloroethane	Not Detected	0.5	ug/L
1,4-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Detected	2.0	ug/L
1,2,3-Trichloropropane	Not Detected	0.5	ug/L

Report Date: 10/23/2008

Reported By: Nancy T. Jones

North Carolina State Laboratory of Public Health

Environmental Sciences

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Fax: 919-733-8695

Sample Group: **ES101008-0012**

Report To:

RICHMOND CO ENVIRONMENTAL HEALTH

127 CAROLINE ST

ROCKINGHAM, NC 28379

Name of System:

HAUGHT, GORDON
109 ATKINSON ST.

HAMLET, NC 28345

Attn:
County: RICHMOND

Well Permit #:

Sample #:	**ES101008-0012002**	Collected:	10/08/2008		KMN
		Received:	10/13/2008	16:12	MNICHOLSON
Sample Type:	**Water**	Sampling Point:		Category:	
Sample Source:		Temp. at Receipt:	6.0 DEG C	Client Sample #:	081992
Location Code:		GPS #:		Treatment:	
Sample Desc:	TRIP BLANK			Air Volume:	
Comment:					

Organic Chem - VOCs **Method:** EPA 524.2

VOA 524.2 (47)

Analyte	Result	RL	Units	Qualifier(s)
Chloromethane	Not Detected	0.5	ug/L	
Vinyl chloride	Not Detected	0.5	ug/L	
Bromomethane	Not Detected	0.5	ug/L	
Chloroethane	Not Detected	0.5	ug/L	
Trichlorofluoromethane	Not Detected	0.5	ug/L	
1,1-Dichloroethene	Not Detected	0.5	ug/L	
Acetone	Not Detected	2.0	ug/L	
Iodomethane	Not Detected	0.5	ug/L	
Carbon Disulfide	Not Detected	0.5	ug/L	
Methylene chloride	Not Detected	0.5	ug/L	
Acrylonitrile	Not Detected	0.5	ug/L	
trans-1,2-Dichloroethene	Not Detected	0.5	ug/L	
MTBE	Not Detected	0.5	ug/L	
1,1-Dichloroethane	Not Detected	0.5	ug/L	
Isopropyl Ether	Not Detected	0.5	ug/L	
cis-1.2-Dichloroethene	Not Detected	0.5	ug/L	
2-Butanone (MEK)	Not Detected	2.0	ug/L	
Tetrahydrofuran	Not Detected	2.0	ug/L	
Chloroform (T)	Not Detected	0.5	ug/L	
1,1,1-Trichloroethane	Not Detected	0.5	ug/L	
Carbon Tetrachloride	Not Detected	0.5	ug/L	
Benzene	Not Detected	0.5	ug/L	
1,2-Dichloroethane	Not Detected	0.5	ug/L	
Trichloroethene	Not Detected	0.5	ug/L	
1,2-Dichloropropane	Not Detected	0.5	ug/L	
Dibromomethane	Not Detected	0.5	ug/L	

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Environmental Sciences

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Fax: 919-733-8695

Sample Group: **ES101008-0012**

Bromodichloromethane (T)	Not Detected	0.5	ug/L
cis-1,3-Dichloropropene	Not Detected	0.5	ug/L
4-Methyl-2-pentanone	Not Detected	0.5	ug/L
Toluene	Not Detected	0.5	ug/L
trans-1,3-Dichloropropene	Not Detected	0.5	ug/L
1,1,2-Trichloroethane	Not Detected	0.5	ug/L
Tetrachloroethene	Not Detected	0.5	ug/L
2-Hexanone	Not Detected	0.5	ug/L
Dibromochloromethane (T)	Not Detected	0.5	ug/L
1,2-Dibromoethane(EDB)	Not Detected	0.5	ug/L
Chlorobenzene	Not Detected	0.5	ug/L
1,1,1,2-Tetrachloroethane	Not Detected	0.5	ug/L
Ethylbenzene	Not Detected	0.5	ug/L
Total Xylenes	Not Detected	0.5	ug/L
Styrene	Not Detected	0.5	ug/L
Bromoform (T)	Not Detected	0.5	ug/L
1,1,2,2-Tetrachloroethane	Not Detected	0.5	ug/L
1,4-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Detected	2.0	ug/L
1,2,3-Trichloropropane	Not Detected	0.5	ug/L

Report Date: 10/23/2008

Reported By: Nancy J. Jones

North Carolina State Laboratory of Public Health
Environmental Sciences
Certificate of Analysis

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Sample Group: **ES101008-0012**

Environmental Qualifier Descriptions

Code	Description
*	Result exceeds MCL
>ht	Entered past holding exp
A	User choice 1
Ach	Above ULC
Amt	Non-default amount used
B	Blank over RL
C	Possible Lab Contamination
Cg	Confluent Growth
D	User choice 3
Haz	Hazard Level Exceeded
Hirec	High recovery
J	Estimated Value
Lorec	Low recovery
Ofe	Over 48 hours
Sp	Sample processing problem
Susp	Suspect result
T	Trihalomethane
Tc	Turbid Culture
Temp	Temperature Range Exceeded
Ti	Tentative Identification
Tntc	Too numerous to count
U	Beneath MDL
V	User choice 4

OWNER Gordon Haught ~~W. M. Meggs~~ (Trailer)

ADDRESS 109 Atkinson St. R.R. Hamlet, N.C. 09734

RACE: (x) WHITE ( ) COLORED ( ) OTHER

ADDRESS & LOCATION OF PROPERTY
(If business estab., give name)

Pass hook side of Old Ice plant (on Old Whites Creek Rd) + go to 1st st on rt — trailer on cr lots (2 & 3) on left
749204712740

SEPTIC TANK
(Material) Covington's Ready Mix
VOLUME 900
Dimensions Std design
Secondary treatment 100' X 2½' line
Type grease trap —
Amt. line —
No. of bedrooms 3
No. in family ?
PERMIT No. 328-74-14
Date 9-20-74
Septic tank approved yes
Date 9-20-74
Approved by B. C. Sandford
Tank installed by Baldwin Dev Co
Address R.R. Hamlet, N.C.
Contractor
NEW ~~Construction~~ Trailer (x) OLD Construction ( ) REP. ( )
REMARKS: Excellent sandy soil

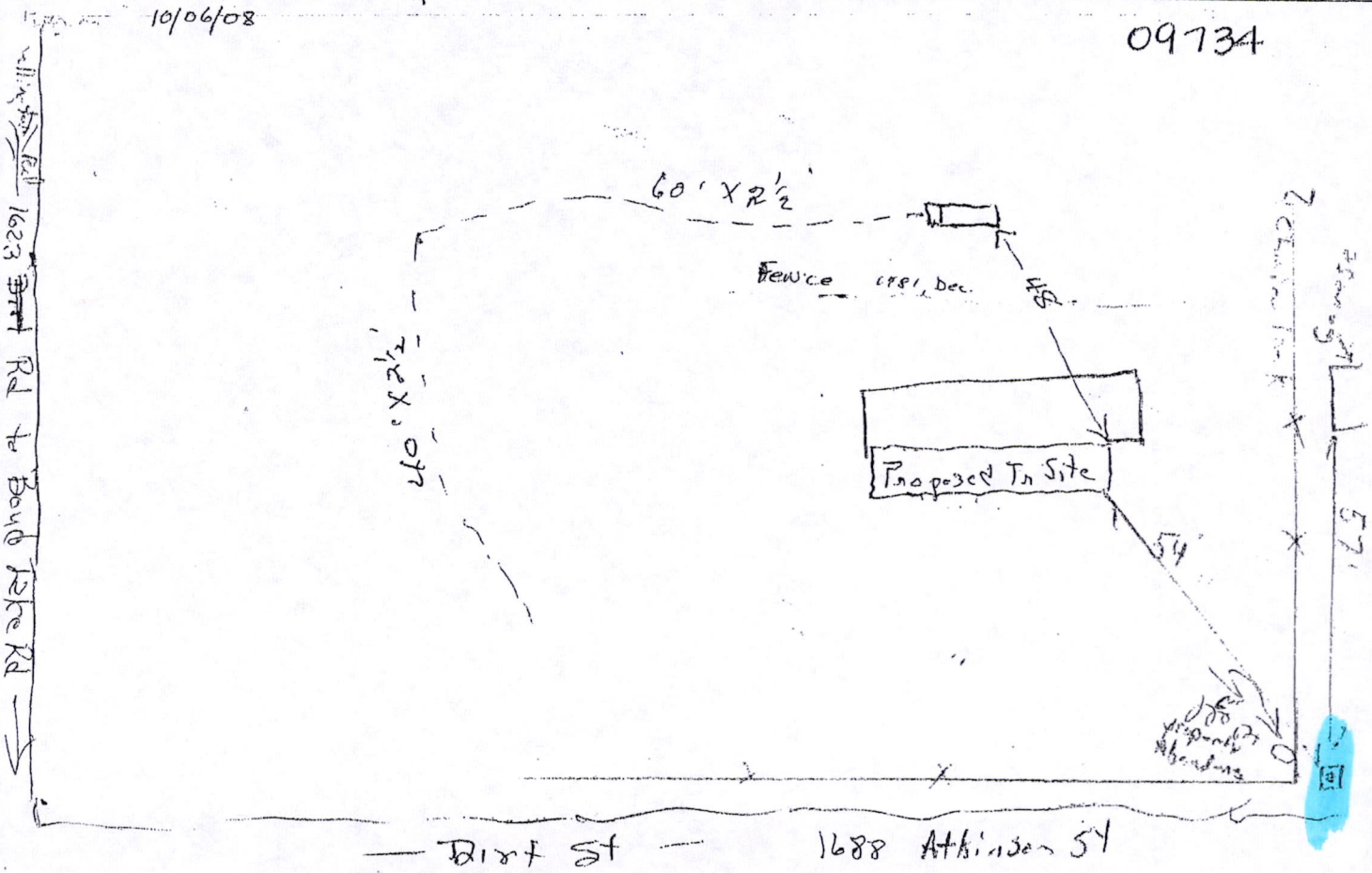
FHA CASE No. X
VA CASE No. X

WATER SUPPLY:
Source Private old 6" property Abandoned
If well, type: Perm. # 2418 6-12-00 PLM
Bored
Drilled 4"
Dug
Spring
DEPTH 89' FT.
Grout-Slabbed 6-23-08
Approved: ( ) YES (x) NO

Screen 79-89'
SWL 22'
25 gpm
McCallum Well Co.

10/06/08

09734



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Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES101008-0012**

Report To:

RICHMOND CO ENVIRONMENTAL HEALTH

127 CAROLINE ST

ROCKINGHAM, NC 28379

Name of System:

HAUGHT, GORDON
109 ATKINSON ST.

HAMLET, NC 28345

Attn:
County: RICHMOND

Well Permit #:

Sample #:	**ES101008-0012001**	Collected:	10/09/2008		BRYAN HANCOCK
		Received:	10/13/2008	16:12	MNICHOLSON
Sample Type:	**Water**	Sampling Point:		Category:	
Sample Source:		Temp. at Receipt:	6.0 DEG C	Client Sample #:	081991
Location Code:		GPS #:		Treatment:	
Sample Desc:				Air Volume:	
Comment:					

Organic Chem - VOCs **Method:** EPA 524.2

VOA 524.2 (47)

Analyte	Result	RL	Units	Qualifier(s)
Chloromethane	Not Detected	0.5	ug/L	
Vinyl chloride	Not Detected	0.5	ug/L	
Bromomethane	Not Detected	0.5	ug/L	
Chloroethane	Not Detected	0.5	ug/L	
Trichlorofluoromethane	Not Detected	0.5	ug/L	
1,1-Dichloroethene	23.5	0.5	ug/L	
Acetone	Not Detected	2.0	ug/L	
Iodomethane	Not Detected	0.5	ug/L	
Carbon Disulfide	Not Detected	0.5	ug/L	
Methylene chloride	Not Detected	0.5	ug/L	
Acrylonitrile	Not Detected	0.5	ug/L	
trans-1,2-Dichloroethene	Not Detected	0.5	ug/L	
MTBE	Not Detected	0.5	ug/L	
1,1-Dichloroethane	3.6	0.5	ug/L	
Isopropyl Ether	Not Detected	0.5	ug/L	
cis-1.2-Dichloroethene	Not Detected	0.5	ug/L	
2-Butanone (MEK)	Not Detected	2.0	ug/L	
Tetrahydrofuran	Not Detected	2.0	ug/L	
Chloroform (T)	0.8	0.5	ug/L	J
1,1,1-Trichloroethane	0.7	0.5	ug/L	J
Carbon Tetrachloride	Not Detected	0.5	ug/L	
Benzene	Not Detected	0.5	ug/L	
1,2-Dichloroethane	Not Detected	0.5	ug/L	
Trichloroethene	Not Detected	0.5	ug/L	
1,2-Dichloropropane	Not Detected	0.5	ug/L	
Dibromomethane	Not Detected	0.5	ug/L	

North Carolina State Laboratory of Public Health

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Fax: 919-733-8695

Sample Group: **ES101008-0012**

Bromodichloromethane (T)	Not Detected	0.5	ug/L
cis-1,3-Dichloropropene	Not Detected	0.5	ug/L
4-Methyl-2-pentanone	Not Detected	0.5	ug/L
Toluene	Not Detected	0.5	ug/L
trans-1,3-Dichloropropene	Not Detected	0.5	ug/L
1,1,2-Trichloroethane	Not Detected	0.5	ug/L
Tetrachloroethene	Not Detected	0.5	ug/L
2-Hexanone	Not Detected	0.5	ug/L
Dibromochloromethane (T)	Not Detected	0.5	ug/L
1,2-Dibromoethane(EDB)	Not Detected	0.5	ug/L
Chlorobenzene	Not Detected	0.5	ug/L
1,1,1,2-Tetrachloroethane	Not Detected	0.5	ug/L
Ethylbenzene	Not Detected	0.5	ug/L
Total Xylenes	Not Detected	0.5	ug/L
Styrene	Not Detected	0.5	ug/L
Bromoform (T)	Not Detected	0.5	ug/L
1,1,2,2-Tetrachloroethane	Not Detected	0.5	ug/L
1,4-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Detected	2.0	ug/L
1,2,3-Trichloropropane	Not Detected	0.5	ug/L

Report Date: 10/23/2008

Reported By: Nancy T. Jones

Report to: **DIVISION OF WASTE MANAGEMENT – SUPERFUND SECTION** Page of

INACTIVE SITES BRANCH CHAIN OF CUSTODY RECORD

NC DENR/DWQ LABORATORY (check one): [☐] **CENTRAL** [☐] **ARO** [☐] **WaRO**

For Investigation of: Atkinson Street, Hamlet NC **Incident No. Pending**

Sample collector (print name) and UST-54 forms completed by David Brown Sample collector's signature: David L. Brown

Field storage conditions and location (when applicable):

Lab Use Only LAB NO.	SAMPLE ID	QUAD. NO.	LOCATION	DATE SAMPLED	TIME SAMPLED	NUMBER OF CONTAINERS
	PSW-Haught		109 Atkinson St., Hamlet NC	~~10/14/08~~ 11/14/08	1400	4
	Trip Blank			~~10/14/08~~ 11/14/08	1400	4

Relinquished by (signature): David L. Brown	Date 11/18/08	Time	Received by (signature):	Date	Time
Relinquished by (signature):	Date	Time	Received by (signature):	Date	Time
Relinquished by (signature):	Date	Time	Received by (signature):	Date	Time

Method of Shipment (check one): State Courier☐ Hand-delivered☐ Federal Express☐ UPS☐ Other:

Security Type and Conditions:	Sealed by:	Broken by:

INTRALABORATORY CHAIN OF CUSTODY - Lab Use Only

LAB NUMBERS FROM	THROUGH	NUMBER BOTTLES	ANALYSES REQUESTED	RELINQUISHED BY:	RECEIVED BY:	DATE	TIME