

C1 5061

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 700

4/16/07

PERMIT NO. FROM PERMIT TO DRILL WELL

OWNER PRINCE INVESTMENTS L.L.C. HUNTSBROOK LANE FULTON

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Brown Shale, Clay, Brown Mica, Gray Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N)

TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD MAIN CASING TYPE, Nominal diameter top (main) casing, Total depth of main casing

OTHER CASING (if used) diameter, depth (feet)

SCREEN RECORD screen type or open hole, insert appropriate code below

DEPTH (nearest ft.) 78, 700. SLOTTED SIZE 1, 2, 3. DIAMETER OF SCREEN

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T, W, Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.) 3, METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 31 ft, WHEN PUMPING 199 ft

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES OR NO)

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE

PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS

DRILLERS LIC. NO. 1 MW D040, DRILLERS SIGNATURE, LIC. NO. 1 JS D038, SITE SUPERVISOR

B 1 0313

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 526213

STATE PERMIT NUMBER Ho-95-0744 fill in this form completely

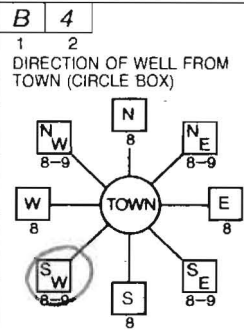
OWNER INFORMATION 10466 Prince Investments L L C 3905 National Drive, Suite 105 Burtonsville, Md 20866

LOCATION OF WELL Howard Prince Property 23 SUBDIVISION Fulton 52 NEAREST TOWN

DRILLER INFORMATION George F. Easterday M W D 040 L. Franklin Easterday, Inc. 9265 Brown Church Rd, MT. Airy, Md. 21771

Hunterbrook Lane 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD 34 80 37 DISTANCE FROM ROAD 46 TAX MAP: 46 BLK: 1 PARCEL 104

WELL INFORMATION APPROX. PUMPING RATE 5 (GAL. PER MIN.) 8 500 12 AVERAGE DAILY QUANTITY NEEDED 14 20



USE FOR WATER (CIRCLE APPROPRIATE BOX) D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

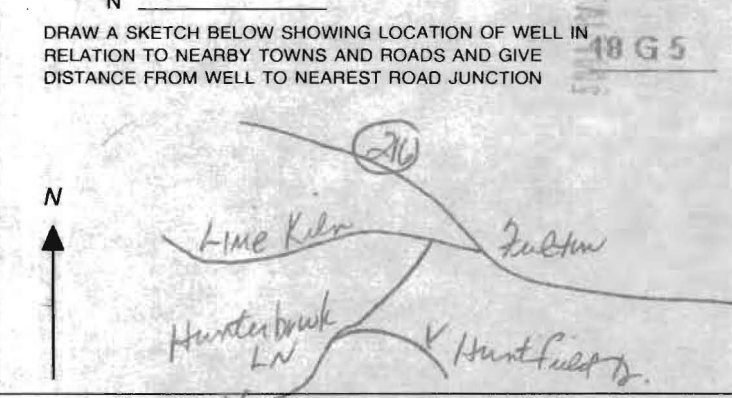
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard 13 A520082 COUNTY NAME COUNTY NO. DATE ISSUED 3/12/2007

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER wells WRITE THE BOX NUMBER FROM THE MAP HERE

METHOD OF DRILLING (circle one) AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary DRive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) N THIS WELL WILL NOT REPLACE AN EXISTING WELL



Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER G PERMIT No. HO-95-0744

SPECIAL CONDITIONS Well to Be Drilled Per Perc Cert Plan Signed on 3/7/2007

8:30

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 95-0744
 Location of property (road) HUNTERBROOK LANE
 Subdivision PRINCE PROPERTY Lot 1 Block Plat Sec.
 Well Driller EASTERDAM, GEORGE Owner PRINCE INVESTMENTS

Depth of well 700 3 GPM
 Distance of measuring point (M.P.) above ground 2 FT
 Static water level (S.W.L.) below M.P. 31 FT

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 12 GPM
 Total time 30 min to reach pumping water level 197 ft. below M.P.

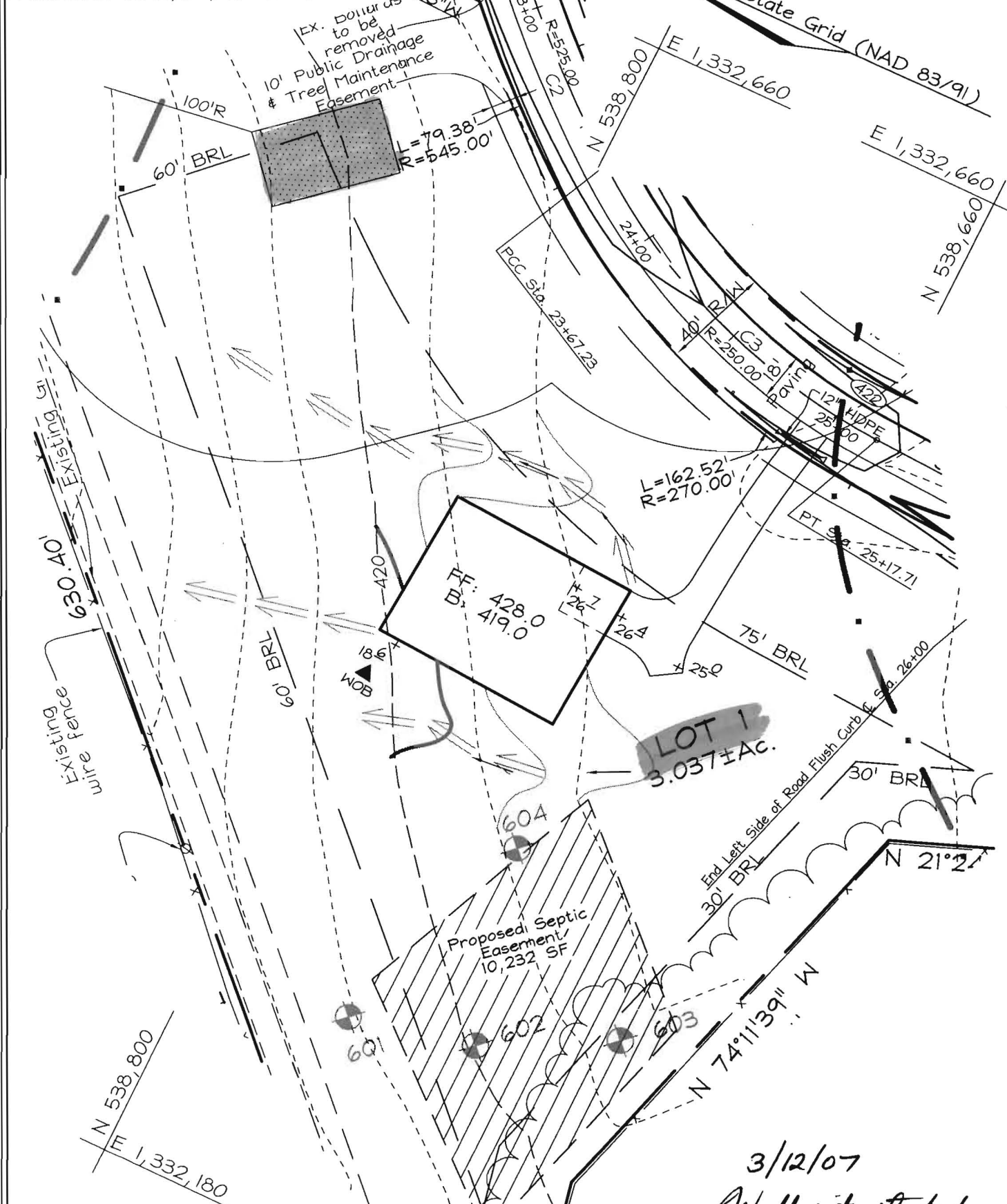
II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 1 gallon bucket	FLOW METER READING (if used) PUMP SET	CALCULATED FLOW (gallons per minute)
9:00	197 FT	20 SEC	4.85 FT	3
9:15	197 FT	20 SEC		3
9:30	197 FT	20 SEC		3
9:45	197 FT	20 SEC		3
10:00	197 FT	20 SEC		3
10:15	197 FT	20 SEC		3
10:30	197 FT	20 SEC		3
10:45	197 FT	20 SEC		3
11:00	197 FT	20 SEC		3
11:15	197 FT	20 SEC		3
11:30	197 FT	20 SEC		3
11:45	198 FT	20 SEC		3
12:00	198 FT	20 SEC		3
12:15	198 FT	20 SEC		3
12:30	198 FT	20 SEC		3
12:45	198 FT	20 SEC		3
1:00	198 FT	20 SEC		3
1:15	198 FT	20 SEC		3
1:30	198 FT	20 SEC		3
1:45	198 FT	20 SEC		3
2:00	198 FT	20 SEC		3
2:15	198 FT	20 SEC		3
2:30	198 FT	20 SEC		3
2:45	199 FT	20 SEC		3
3:00	199 FT	20 SEC		3

Tested by DICKIE

199 FT 20 SEC

Note:
 The proposed well box on this plan has been staked out in the field by FSH Associates, Professional Surveyor prior to well drilling.



LOT 1
 3.037±Ac.

3/12/07
 Well site staked
 by FSH. (BB)

FSH Associates
 Engineers Planners Surveyors
 6339 Howard Lane, Elkridge, MD 21075
 Tel: 410-567-5200 Fax: 410-796-1562
 E-mail: info@fsheri.com

DESIGN BY: ZYF
 DRAWN BY: SAR
 CHECKED BY: ZYF
 SCALE: 1"=50'
 DATE: Jan. 18, 2007
 W.O. No.: 3227
 SHEET No.: 1 OF 7

WELL PERMIT PLAN
PRINCE PROPERTY
 LOT 1

TAX MAP 46 GRID 01
 5TH ELECTION DISTRICT

PARCEL 104
 HOWARD COUNTY, MARYLAND

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Rogers & Sons Telephone #: 1-800-935-5657
Address: 3771 Hardesty Rd
Harwood md

(Must circle one) Licensed Plumber Licensed Well Driller **Licensed Well Pump Installer**
License # and name of individual responsible for the field installation:
Name (Print): Scott Rogers License# PI 0147

***A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.**

Name of Property Owner: _____ Telephone #: _____
Subdivision: _____ Lot #: _____ Well Tag #: HO-95-074H
Site Address: 8120 Hunterbrooke Lane

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>FW</u>	Make: <u>Cambic</u>	Two piece watertight cap: _____
Model #: <u>4F0010D35</u>	Model#: _____	Screened, vented well cap: <u>X</u>
Pump Capacity _____ GPM	Depth: <u>46"</u> (36" min)	Cap secured to casing: <u>yes</u>
Well Yield: <u>3</u> GPM	NSF approved: <u>yes</u>	Conduit min 18" B.G.: <u>yes</u>
Depth of well encountered at time of pump installation: _____ (feet)		Conduit secured to well cap: <u>yes</u>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt w/o

Piping to house	House Connection
Type: _____	PVC sleeved to undisturbed soil at wall penetration: _____
PSI: _____ (160 psi min)	Approximate length of sleeve: _____
Depth of supply line: _____ (36" min)	Sleeve caulked and sealed properly: _____

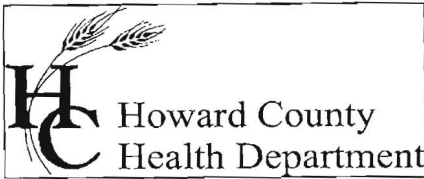
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Scott Rogers date: 12-8-08

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: _____ Date Insp. Approved: 11/21/08 **(BB)**

Inspection Data: Pitless adapter and water supply line at least 36" below grade	_____
Two piece cap installed and attached to casing securely	<u>✓</u>
Elec. conduit extends at least 18" below grade/attached to cap properly	<u>✓</u>
Safety rope installed inside of well casing	<u>✓</u>
Correct well tag attached properly and casing 8" above finished grade	<u>✓</u>
Water supply line sleeved adequately at house connection	<u>✓</u>
Adequate grout observed below pitless adapter	<u>✓</u>



Bureau of Environmental Health
 7178 Columbia Gateway Drive Columbia, Maryland 21046-2132
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

December 8, 2008

Trinity Contractors
 8210 Hunterbrooke Lane
 Fulton, MD 20759

SENT VIA FACSIMILE 410-280-1471
 RE: Dustin Property, Lot 1
 8210 Hunterbrooke Lane
 Fulton, MD 20759
 BP# B08000684
 Well Tag #: HO-95-0744

Dear Sir:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 10/31/2008. Final approval of the well line connection to the dwelling was approved on 11/21/2008.**

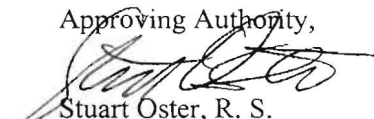
The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-95-0744. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Samples: 12/2/08 & 12/4/08
 Date of Well Completion: 02/27/07

Approving Authority,

 Stuart Oster, R. S.
 Well & Septic Program

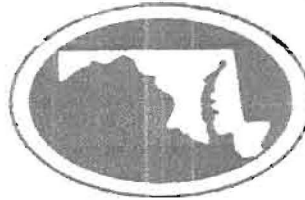
cc: Building Inspector's Office
 Community Health Services
 File

Attention: Rebecca

Environmental Testing Lab Inc.

.08 Old Solomons Island Rd
Annapolis, MD 21401

State Certified Water Quality
Laboratory # 106



3430 Rockefeller Ct
Waldorf, MD 20602

State Certified Water Quality
Laboratory # 139

REPORT OF ANALYSIS

December 03, 2008

Rogers & Son Well Service
3771 Hardesty Rd.
Harwood, MD 20776

Client Sample ID: **8210 Hunterbrook Lane**
Date/Time Sampled: 12/1/2008 10:00:00 AM
Date Received: 12/1/08 0:00

Sample Number: **80589-02**


Sampler: 1847SR

Parameter	Method	Result	Units	RL	Test Date	Analyst
Iron	EPA 236.1	* 0.70	mg/l	0.05	12/2/2008	PM
Turbidity	EPA 180.1	7.7	NTU	0.5	12/2/2008	PM
Nitrate + Nitrite as N	EPA 353.2	1.11	mg/l	0.05	12/2/2008	PM
Nitrite-N	EPA 353.2	0.29	mg/l	0.05	12/2/2008	PM
Nitrate-N	EPA 353.2	0.82	mg/l	0.05	12/2/2008	PM

Notes:

- 80589-02
- The Maximum Contaminate Levels are as follows: Nitrate/Nitrite 10.0, Nitrite 1.0, Nitrate 10.0, Iron 0.3, Turbidity 10.0, and PH 6.5-8.5.
 - An " * " next to a result means the result exceeded the Maximum Contaminate Level as established by the EPA.
 - " < " = Less Than ; " > " = Greater Than.
 - Lead & Nitrate/Nitrite are "Primary Contaminates"; Health related, enforceable.
 - Iron,pH,Turbidity are "Secondary Contaminates" Non-Health related, non-enforceable.

Reviewed and Approved by:


Daniel J. Brumsted
Laboratory Director