

C1 3433

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 13 A515228

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED MM DD YY 3 24 04

Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 4/27/04 O.K. (BB) 40-94-3900

OWNER Moberly Gretchen (Pulte Homes) STREET OR RFD 3205 Route 32 TOWN West Friendship SUBDIVISION Paddocks East SECTION LOT 1

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Brown-sand & shale, Gray Limestone, Brown, Gray Limestone, white, Gray Limestone.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL (C) M BENTONITE CLAY (B) C NO. OF BAGS 12 NO. OF POUNDS 1128 GALLONS OF WATER 72 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 38 ft.

CASING RECORD

MAIN CASING TYPE (S) T Nominal diameter top (main) casing (nearest inch) 06 Total depth of main casing (nearest foot) 53

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole (S) T (B) R (H) O (P) L (O) T (O) T

DEPTH (nearest ft.)

Table with columns: A, C, H, S, R, E, N. Rows include 8, 9, 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51. Slot size 1, 2, 3. Diameter of screen 56, 60.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 M S D 009

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 03

PUMPING RATE (gal. per min.) 20

METHOD USED TO MEASURE PUMPING RATE 1 gal

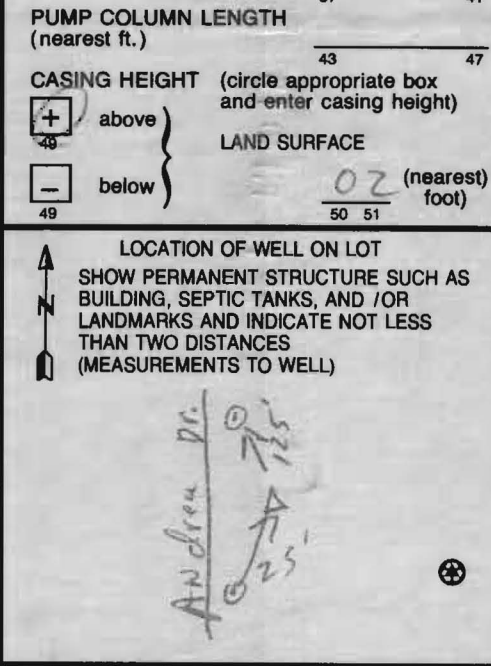
WATER LEVEL (distance from land surface) BEFORE PUMPING 50 ft. WHEN PUMPING 50 ft.

TYPE OF PUMP USED (for test) (A) air (P) piston (T) turbine (C) centrifugal (R) rotary (O) other (describe below) (J) jet (S) submersible

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) (+) above () below LAND SURFACE 02 (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 **0939** SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND STATE PERMIT NUMBER
 1 2 3 6 520092 APPLICATION FOR PERMIT TO DRILL WELL please type 70 **40-94-3900** 79
 fill in this form completely

OWNER INFORMATION
 Date Received (APA) 3/11/2004
 8 MM DD YY 13
 15 MOBERLEY Last Name Owner Gretchen First Name 34
 36 Summer Hill Farm RT 144 Street or RFD 55
 57 West Friendship MD 2794 Town 70 State 72 Zip 76

LOCATION OF WELL
 B 3 Howard COUNTY 21
 23 Parclucks East SUBDIVISION 42
 SECTION 44 46 LOT 1 48 50
 52 Greenery NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) 2 M 73 76 77 78

DRILLER INFORMATION
 1 Allen Compton Driller's Name 76 M.S.D 009 License No. 81
 Firm Name Fogles Well Drilling
 Address 580 Obercht Rd
 Signature [Signature] Date 1-31-04

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 B 4 1 2
 N W N E W E S E S W S
 8-9 8-9 8-9 8-9
 TOWN
 8 8
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH N
 WEST W 32 EAST E
 SOUTH S
 34 400 37 DISTANCE FROM ROAD
 ENTER FT OR MI 38 39
 TAX MAP: 22 BLK: 8 PARCEL 7

WELL INFORMATION
 B 2 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, DEWATERING
 PUBLIC WATER SUPPLY WELL
 TEST, OBSERVATION, MONITORING
 GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME 13 COUNTY NO. A515228
 STATE SIGNATURE _____ INSERT S → 41
 DATE ISSUED 3/18/2004 CO SIGNATURE Brian Baker 3/18/2005 EXP. DATE
 43 MM DD YY 48
 NORTH GRID 525 000 EAST GRID 805 000
 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET 24 28
 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
 37 CABLE REVerse-ROTary DRive-POINT
 other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROP. PERMIT NUMBER 40 2002G009
 PERMIT No 40-94-3900
 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. _____
 2. _____
 3. _____
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E 8005
 N 5205
 000 000
 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
32
Burntwoods Rd
 N ↑

SPECIAL CONDITIONS
 NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

F
11-17-05

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: Fogles Well Drilling Telephone #: 410-795-5670
Address: 582 Obrecht Rd
Sykesville Md 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:

Name (Print): Allen Compton License# MSD009

*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: Pud to Homes Telephone #: 410-644-5603
Subdivision: The Paddocks East Lot #: 1 Well Tag #: HO-94-3900
Site Address: 13595 Julia Manor Way

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Gold's Make: Campbell Two piece watertight cap: YES
Model #: 75B07422 Model#: N/A Screened, vented well cap: YES
Pump Capacity 7 GPM Depth: 36 (36" min) Cap secured to casing: YES
Well Yield: 12 GPM NSF approved: YES Conduit min 18" B.G.: YES
Depth of well encountered at time of pump installation: 300 (feet) Conduit secured to well cap: YES
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 N/A

Piping to house House Connection
Type: 1" Black Plastic PVC sleeved to undisturbed soil at wall penetration: YES
PSI: 160 (160 psi min) Approximate length of sleeve: 5'
Depth of supply line: 42 (36" min) Sleeve caulked and sealed properly: YES

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.

Allen Compton 11-11-05
Signature of company representative responsible for installation date

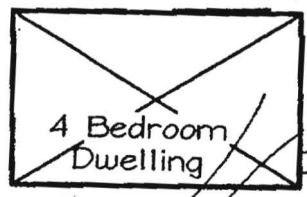
For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 11/14/05 Date Insp. Approved: 11/14/05 GAC SP
Inspection Data: Pitless adapter and water supply line at least 36" below grade ✓
Two piece cap installed and attached to casing securely ✓
Elec. conduit extends at least 18" below grade/attached to cap properly ✓
Safety rope installed inside of well casing ✓
Correct well tag attached properly and casing 8" above finished grade ✓
Water supply line sleeved adequately at house connection ✓
Adequate grout observed below pitless adapter ✓

GAC

Reservation Parcel "A" for
 Future S.H.A. Road Right of Way
 Area = 35,595 sq.ft. (0.82 ac.±)

3/19/04
Well site staked
By Surveyor on 3/12/04
 (BA)



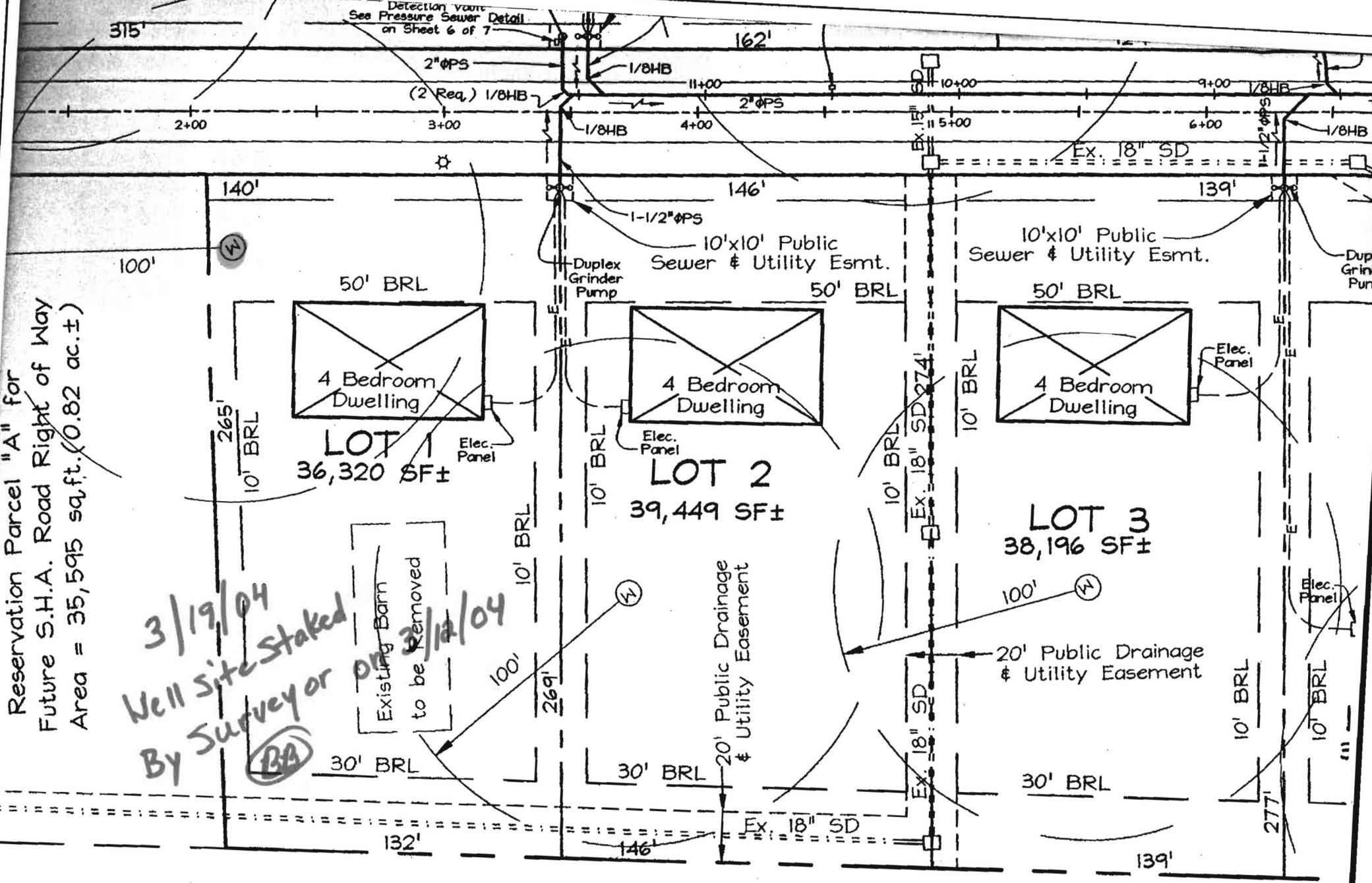
LOT 1
 36,320 SF±



LOT 2
 39,449 SF±



LOT 3
 38,196 SF±



SEWERAGE

E 1,316,750
 585,125

PLAN VIEW

SCALE: 1" = 50'



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia Maryland 21046
(410) 313-1771 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

December 20, 2005

Pulte Homes, Inc.
1501 S. Edgewood Street
Baltimore, MD 21227

SENT VIA FACSIMILE 410-644-2643

RE: Paddocks East, Lot ~~1~~ 1
13595 Julia Manor Way
West Friendship, MD 21794
BP #: B00154407
Well Permit # HO-94-3900

Dear Sir/Madam:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the house connection to the septic system was granted on 12/19/2005 by HCHD and Howard County Bureau of Utilities. Final approval of the well line connection to the dwelling was approved on 11/14/2005.**

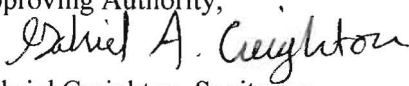
The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

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-94-3900. 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: 12/16/2005
Date of Well Completion: 3/24/2004

Approving Authority,

Gabriel Creighton, Sanitarian
Well & Septic Program

cc: Building Inspector's Office
Community Health Services
File

From: Matt Tudor
To: Hall, Verda; Oster, Stuart
Date: 12/19/05 3:31PM
Subject: Paddocks East Shared Septic

Following grinder pump testing; the following properties were released for U&O today.

13595 Julia Manor Way, Lot 1
13591 Julia Manor Way, Lot 2
13592 Julia Manor Way, Lot 20

W. Matt Tudor
Operations Supervisor II
Howard County DPW - Utilities
410-313-4934

CC: Brouwers, Cynthia; Kugel, Beccy; Lang, Joseph; Mozal, Jeff

CASELL TESTING, INC.

ENVIRONMENTAL SAMPLING AND TESTING
 10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211
 (410) 252-7742

REPORT DATE: Dec 19, 2005

County Howard

Lab Number 06-1589

Sample iced Yes
 Residual Cl₂ <0.1 mg/L Yes

cc: County Health Dept. Yes

CERTIFICATE OF ANALYSIS

Maryland State Certified Water Quality
 Laboratory No. 115

REQUESTER: Pulte Home Corporation
 1501 South Edgewood Street
 Baltimore, Maryland 21227
 Attn: Accounts Receivable

Property Sampled: U&O: 13595 Julia Manor Way

Station Sampled: Powder Room Tap

Tax Map #: 22

Date/Time Sampled: Dec 16, 2005 9:40 am

Parcel #: 7

Owner, Telephone No.:

Sampler: 67246P

Subdivision Name: The Paddocks East

Lot Number: 1

Building Permit No.: B00154407

Well Number: HQ-94-3900

Observation: 2-Piece Cap
 Satisfactory

RESULTS OF ANALYSIS:

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Nitrate	9.0 mg/L as N	SM 4500D	*10 mg/L as N	Pass
Turbidity	<1.0 NTU	EPA 180.1	*10 NTU	Pass
pH	6.1 Units	EPA 150.1	**6.5-8.5 Units	***
Sand	Negative		Negative	
Total Coliform	Absent	SM 9223B	*Absent	SAFE
E. coli (18 Hour Test)	Absent	SM 9223B	*Absent	SAFE

Treatment/Conditioning: Sediment Filter - Filter Out

***A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, odor, or color) in drinking water.



Heather R. Beam

*MCL = Maximum Contamination Level
 **SMCL = Secondary Maximum Contamination Level