

MAIL TO:

WATER SUPPLY BRANCH
DIVISION OF ENVIRONMENTAL CONTROL
P.O. BOX 1401
DOVER, DELAWARE 19903

**STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL**

WELL COMPLETION REPORT MUST
BE RETURNED 30 DAYS AFTER
CONSTRUCTION DATE

Pg 45-25

WELL COMPLETION REPORT

LEASE PRINT

PERMIT NO. 93776 LOCAL ID _____

OWNER Townsend Inc.
PO Box 468 Millsboro, DE 19966

CONSTRUCTION DATE 5/21/93

PURPOSE: TEST PERMANENT

USE: DOMESTIC AGRICULTURAL
 COMMERCIAL INDUSTRIAL
 IRRIGATION PUBLIC
 OBSERVATION DEWATERING
 HEAT PUMP RECHARGE HEAT PUMP SUPPLY
 OTHER (Specify) _____

IS THIS A REPLACEMENT WELL? YES NO

ABANDONMENT DATE FOR OLD WELL N/A

ABANDONMENT METHOD _____

DRILLING METHOD

AUGERED BORED CABLE TOOL
 DRIVEN JETTED AIR ROTARY
 MUD ROTARY REVERSE WASHED
 OTHER (Specify) _____

TOTAL DEPTH DRILLED 240

CASING SEQUENCE

	INNER	OUTER
CASING TOP	<u>2</u>	
CASING BOTTOM	<u>210</u>	
CASING DIAMETER	<u>8"</u>	
CASING MATERIAL	<u>pvc</u>	

SCREEN SEQUENCE

	INNER	OUTER
SCREEN TOP	<u>210</u>	
SCREEN BOTTOM	<u>240</u>	
SCREEN DIAMETER	<u>8"</u>	
SCREEN MATERIAL	<u>pvc</u>	

WRITTEN APPROVAL FOR SCREENING/
GRAVEL PACKING MORE THAN ONE AQU-
IFER MUST BE OBTAINED FROM DNREC.

GROUT TYPE: CEMENT BENTONITE CLAY

OTHER: _____

FROM 0 TO 155 FEET

NON-GROUT BACKFILL OF WELL ANNULUS

TYPE _____ FROM _____ TO _____ FEET

GRAVEL PACK: TYPE #2 morie

FROM 160 TO 240 FEET

STATIC WATER LEVEL: DATE 5/21/93

12 FT. (Below, above) GROUND SURFACE

PUMPING WATER LEVEL: 23 FT. BELOW GRADE

AFTER 4 HOURS AT 100 GPM.

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR

OTHER _____

12 INCHES ABOVE GRADE.

TYPE OF PERMANENT PUMP INSTALLED:

PUMP MANUFACTURE Grundfos

RATED CAPACITY (GPM) 375

PUMP INTAKE SETTING 80 FT. BELOW GRADE

THE COMPLETED WELL IS?

	YES	NO
A. AT LEAST 15' FROM ANY FOUNDATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B. AT LEAST 50' FROM ANY SEPTIC TANK	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C. AT LEAST 10' FROM TOWN SEWER LINE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D. AT LEAST 100' FROM THE NEAREST EDGE OF ANY TILE FIELD	<input checked="" type="checkbox"/>	<input type="checkbox"/>

THE NEAREST NEIGHBORS (CIRCLE ONE)

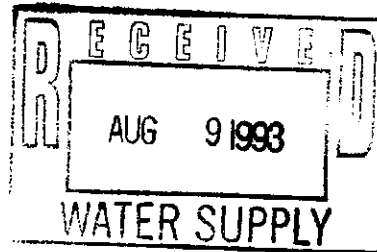
SEPTIC TILE FIELD CESSPOOL OR PRIVY

IS 100 FROM COMPLETED WELL.

IS COMPLETED WELL LOCATED AS SHOWN

ON APPLICATION FORM?

IF NO, DESCRIBE LOCATION CHANGE OR OTHER COMMENTS.



DRILLERS LOG DESCRIPTION	TOP OF STRATA	BOTTOM OF STRATA
<i>top soil</i>	<u>0</u>	<u>1</u>
<i>tan coarse sand</i>	<u>1</u>	<u>55</u>
<i>tan medium sand</i>	<u>55</u>	<u>65</u>
<i>orange coarse sand</i>	<u>65</u>	<u>90</u>
<i>orange coarse sand w/small gravel</i>	<u>90</u>	<u>100</u>
<i>fine gray sand</i>	<u>100</u>	<u>115</u>
<i>med/coarse gray sand</i>	<u>115</u>	<u>150</u>
<i>med/coarse gray sd w/white clay</i>	<u>150</u>	<u>160</u>
<i>med/coarse gray sand</i>	<u>160</u>	<u>170</u>
<i>med/coarse gray sd w/white clay</i>	<u>170</u>	<u>175</u>

top soil 0 1

tan coarse sand 1 55

tan medium sand 55 65

orange coarse sand 65 90

orange coarse sand w/small gravel 90 100

fine gray sand 100 115

med/coarse gray sand 115 150

med/coarse gray sd w/white clay 150 160

med/coarse gray sand 160 170

med/coarse gray sd w/white clay 170 175

SUPPLEMENTAL DRILLERS LOG ATTACHED YES NO

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COMPANY NAME American Water Well Systems Inc.

SIGNATURE OF DRILLER IN CHARGE [Signature] DATE July 27, 1993

