

AL TO:
 WATER SUPPLY BRANCH
 DIVISION OF ENVIRONMENTAL CONTROL
 P.O. BOX 1401
 DOVER, DELAWARE 19901

STATE OF DELAWARE
 DEPARTMENT OF NATURAL RESOURCES
 AND ENVIRONMENTAL CONTROL

WELL COMPLETION REPORT MUST
 BE RETURNED 21 DAYS AFTER
 CONSTRUCTION DATE

WELL COMPLETION REPORT

DW 8/21/84

USE PRINT

PERMIT NO. 57495 LOCAL ID _____

OWNER Helmswa Farms Corp.

CONSTRUCTION DATE 8/10/84

PURPOSE: TEST PERMANENT

USE: DOMESTIC AGRICULTURAL
 COMMERCIAL INDUSTRIAL
 IRRIGATION PUBLIC
 MONITOR 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 30'

CASING SEQUENCE

| | 1st | 2nd | 3rd | 4th |
|-----------------|------------|-----|-----|-----|
| CASING TOP | <u>25'</u> | | | |
| CASING BOTTOM | | | | |
| CASING DIAMETER | <u>4"</u> | | | |
| CASING MATERIAL | <u>PVC</u> | | | |

SCREEN SEQUENCE

| | 1st | 2nd | 3rd | 4th |
|-----------------|------------|-----|-----|-----|
| SCREEN TOP | <u>25'</u> | | | |
| SCREEN BOTTOM | <u>30'</u> | | | |
| SCREEN DIAMETER | <u>4"</u> | | | |
| SCREEN MATERIAL | <u>PVC</u> | | | |

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

GROUT TYPE: CEMENT BENTONITE CLAY

OTHER: _____

FROM 0 TO 20 FEET

NON-GROUT BACKFILL OF WELL ANNULUS

TYPE _____ FROM _____ TO _____ FEET

GRAVEL PACK: TYPE MORIE 1 & 2

FROM 25 TO 30 FEET

STATIC WATER LEVEL: DATE 8/10/84

6 FT. (Below) above GROUND SURFACE

PUMPING WATER LEVEL: 11 FT. BELOW GRADE

AFTER 1 HOURS AT 60 GPM.

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR

OTHER 4" Tee

12 INCHES ABOVE GRADE.

TYPE OF PERMANENT PUMP INSTALLED:

PUMP MANUFACTURE N/A

RATED CAPACITY (GPM) _____

PUMP INTAKE SETTING _____ FT. BELOW GRADE

THE COMPLETED WELL IS?

YES NO
 A. AT LEAST 5' FROM ANY OVERHANG
 B. AT LEAST 50' FROM ANY SEPTIC TANK
 C. AT LEAST 10' FROM TOWN SEWER LINE
 D. AT LEAST 100' FROM THE NEAREST EDGE OF ANY TILE FIELD

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.

DBSID = Re 11-04
 Re 11-04

| DRILLERS LOG DESCRIPTION | TOP OF STRATA | BOTTOM OF STRATA |
|--------------------------|---------------|------------------|
| TOP SOIL | 1 | 1 |
| Tan Sand F | 2 | 3 |
| Brown Clay | 8 | 11 |
| Tan Sand M | 10 | 21 |
| Brown Sand M | 9 | 30 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

SUPPLEMENTAL DRILLERS LOG ATTACHED YES NO

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COMPANY NAME Coastal Water Systems

SIGNATURE OF DRILLER IN CHARGE: _____ DATE

8/14/84