

MAIL TO:
 WATER SUPPLY SECTION
 DIVISION OF WATER RESOURCES
 89 KINGS HIGHWAY
 DOVER, DELAWARE 19901

STATE OF DELAWARE
 DEPARTMENT OF NATURAL RESOURCES
 AND ENVIRONMENTAL CONTROL

http://www.dnrec.state.de.us/

WELL COMPLETION REPORT
 MUST BE RETURNED WITHIN 30
 DAYS OF CONSTRUCTION. A
 WELL FORMATION LOG MUST BE
 INCLUDED WITH THIS REPORT.

WELL COMPLETION REPORT

PHONE: 302-739-9944
 FAX: 302-739-7764

Authorization Number-
 # 4003342

ILLEGIBLE OR INCOMPLETE FORMS WILL BE RETURNED
 PLEASE PRINT OR TYPE - USE BLUE OR BLACK INK ONLY

Permit #: <u>242119</u> Local ID: _____ Tax Map/Parcel #: <u>3-30 9.0 7.00</u> Property Owner: <u>Slaughter Beach Water Company</u> Water Well Contractor: <u>Agvatech W.S.</u> WC Lic #: <u>4457</u> Well Driller In Charge During Construction: <u>Brian White</u>	DRILLING / EXCAVATION METHOD <input type="checkbox"/> Auger <input type="checkbox"/> Bored <input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Jetted <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Washed <input type="checkbox"/> Reverse Rotary <input type="checkbox"/> Other (Specify): _____ Total Depth Of Excavation (Feet BGS): <u>260</u> Construction Date: <u>2/20/13</u>
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CASING INSTALLATION: <table border="1"> <thead> <tr> <th></th> <th>INNER</th> <th colspan="3">OUTER</th> </tr> <tr> <th></th> <th></th> <th>(1)</th> <th>(2)</th> <th>(3)</th> </tr> </thead> <tbody> <tr> <td>Casing Top (Inches AGS):</td> <td><u>48</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Casing Bottom (Feet BGS):</td> <td><u>232</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Casing Diameter (Inches):</td> <td><u>4</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Casing Material:</td> <td><u>PVC</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Gravel Pack Size (#):</td> <td><u>1</u></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> AGS=Above Ground Surface BGS=Below Ground Surface		INNER	OUTER					(1)	(2)	(3)	Casing Top (Inches AGS):	<u>48</u>				Casing Bottom (Feet BGS):	<u>232</u>				Casing Diameter (Inches):	<u>4</u>				Casing Material:	<u>PVC</u>				Gravel Pack Size (#):	<u>1</u>				SCREEN INSTALLATION: Screen Top (Feet BGS): <u>232</u> Screen Bottom (Feet BGS): <u>252</u> Screen Diameter (Inches): <u>4</u> Screen Material: <u>PVC</u> Screen Slot Size (1000 of an Inch): <u>20</u>
	INNER	OUTER																																		
		(1)	(2)	(3)																																
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Gravel Pack Size (#):	<u>1</u>																																			

WELL USE: <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Heat Pump Supply <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Public <input type="checkbox"/> Heat Pump Recharge <input type="checkbox"/> Agricultural <input type="checkbox"/> Misc. Public <input type="checkbox"/> Closed Loop Heat Pump <input type="checkbox"/> Agricultural/Lawn Irrigation <input type="checkbox"/> Other (Specify): _____	TYPE OF PERMANENT PUMP INSTALLED: Pump Manufacturer: <u>Gold</u> Horsepower: <u>3</u> Rated Capacity: <u>50</u> (GPM) Pump Intake Setting(ft. BGS): <u>60</u> Pump Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Vertical Turbine Pump Pump Installed By: <u>Agvatech</u> <input type="checkbox"/> Others Date: <u>2/21/13</u>
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Gravel Pack: From: <u>225</u> Feet To: <u>252</u> Feet Grout Type: <input checked="" type="checkbox"/> Bentonite Clay <input type="checkbox"/> Cement <input type="checkbox"/> Bentonite Clay Plug Other: _____ From: <u>0</u> Feet To: <u>220</u> Feet Type Of Non-Grout Backfill Of Well Annulus: <u>Native</u> From: <u>220</u> Feet To: <u>225</u> Feet Static Water Level: <u>8</u> Feet <input checked="" type="checkbox"/> Below <input type="checkbox"/> Above Ground Surface Pumping Water Level: <u>25</u> Feet On (Date): <u>2/20/13</u> After: <u>4</u> Hours Pumping Rate: <u>40</u> GPM Pumping Method /Device: <input checked="" type="checkbox"/> Airlift <input checked="" type="checkbox"/> Mechanical (Pump) Other: _____ Was A Geophysical Log Taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes", By: _____	Site Plan - If different from original application, <u>must</u> note changes such as distances from well to house, property lines, nearest road, and all nearby septic systems and central sewer lines (include suitable plot plan if available).
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WELL HEAD COMPLETION: Type: <input checked="" type="checkbox"/> Pitless Adapter <input type="checkbox"/> Standard "T" <input type="checkbox"/> Well Pit <input type="checkbox"/> Pad Mount <input type="checkbox"/> Other - Specify: _____ Well Head Completed: <u>12</u> Inches <input checked="" type="checkbox"/> Above <input type="checkbox"/> Below Ground Surface Was The Well Tag Attached In Accordance With Current Regulations? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If "NO", Please Explain: _____	I HEREBY AFFIRM THE INFORMATION I HAVE SUBMITTED IS ACCURATE AND CORRECT. <u>Brian White</u> Signature - Well Driller in Charge of Well Construction <u>3</u> <u>2/20/13</u> Well Driller License # Date
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RECEIVED
 FEB 22 2013
 WATER SUPPLY

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FORMATION LOG

PAGE FEB 22 2013 OF 01 PAGES

PLEASE PRINT OR TYPE - ILLEGIBLE OR INCOMPLETE FORMS WILL BE RETURNED

PERMIT #: <u>242119</u>	LOCAL ID#: <u>3-30 9.00 7.00</u>
PROPERTY OWNER: <u>Slaughter Beach Water Company</u>	
WELL CONTRACTOR: <u>Agrotech Inc</u>	WCLIC #: <u>4427</u>

DESCRIPTION	TOP OF STRATA	BOTTOM OF STRATA
<u>fill dirt</u>	<u>0</u>	<u>2</u>
<u>silty gray sand</u>	<u>2</u>	<u>13</u>
<u>marsh mud</u>	<u>13</u>	<u>25</u>
<u>silty gray clay</u>	<u>25</u>	<u>38</u>
<u>coarse orange sand</u>	<u>38</u>	<u>65</u>
<u>silty gray clay</u>	<u>65</u>	<u>98</u>
<u>med gray sand</u>	<u>98</u>	<u>110</u>
<u>silty gray clay</u>	<u>110</u>	<u>175</u>
<u>med gray sand / small shell</u>	<u>175</u>	<u>197</u>
<u>silty gray clay</u>	<u>197</u>	<u>222</u>
<u>coarse clean gray sand / small shell</u>	<u>222</u>	<u>255</u>
<u>silty gray clay</u>	<u>255</u>	<u>260</u>

COMMENTS:

I HEREBY AFFIRM THE INFORMATION I HAVE SUBMITTED IS ACCURATE AND CORRECT
Bell Charge of Construction 3 WD License # 2/20/13 Date

FEB 22 2013

White - DNREC • Canary - CONTRACTOR • Pink - Owner

Doc No. 40-08-82-12-11

WATER SUPPLY