

# **Local Wellhead Protection Plan**

## **The Town of Snow Hill Greene County**

**PWS ID #04-40-010**



**April 17<sup>th</sup>, 2018 update of  
WHPP approved  
July 25, 2002, update 2009**

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## Background

In 1986, Safe Water Drinking Act (SWDA) amendments added Section 1428, “State Programs to Establish Wellhead Protection Areas”, which requires each state to develop a program to “protect wellhead areas within their jurisdiction from contaminants which may have any adverse affects on the health of persons.” The term wellhead protection area is defined in the law as “the surface and subsurface area surrounding, a water well or wellfield, supplying a public water system, through which contaminants are reasonably likely to move toward and reach such water well or wellfield.” North Carolina’s Environmental Protection Agency (EPA) approved Wellhead Protection Program (WHPP) provides technical support to local governments and public water supply systems in their endeavors to develop and implement their own Wellhead Protection Plans.

One of North Carolina’s objectives in developing a protection plan is to provide a process for public water system operators to learn more about their groundwater systems and how to protect them. Wellhead Protection Plans allow communities to take charge of protecting the quality of their drinking water by identifying and carefully managing areas that supply groundwater to their public wells.

Regulations of the **Division of Water Resources (DWR), under the Department of Environmental Quality** require wellhead protection measures for any public water supply wells to be used as a community or non-transient, non-community water system to meet the following requirements:

- (1) The well shall be located on a lot so that the area within 100 feet of the well shall be owned or controlled by the person supplying the water. The supplier of water shall be able to protect the well lot from potential sources of pollution and to construct landscape features for drainage and diversion of pollution.
- (2) The minimum horizontal separation between the well and known potential sources of pollution shall be as follows:
  - (a) 100 feet from any sanitary sewage disposal system, sewer, or a sewer pipe unless the sewer is constructed of water main materials and joints, in which case the sewer pipe shall be at least 50 feet from the well;
  - (b) 200 feet from a subsurface sanitary sewage treatment and disposal system designed for 3000 or more gallons of wastewater a day flows, unless it is determined that the well water source utilizes a confined aquifer;
  - (c) 500 feet from a seepage disposal site;
  - (d) 100 feet from buildings, mobile homes, permanent structures, animal houses or lots, or cultivated areas to which chemicals are applied;
  - (e) 100 feet from surface water;
  - (f) 100 feet from a chemical or petroleum fuel underground storage tank with secondary containment;
  - (g) 500 feet from a chemical or petroleum fuel underground storage tank without secondary containment;
  - (h) 500 feet from the boundary of a ground water contamination area;
  - (i) 500 feet from a sanitary landfill or non-permitted non-hazardous solid waste disposal site;
  - (j) 1000 feet from a hazardous waste disposal site or in any location which conflicts with the North Carolina Hazardous Waste Management Rules cited as 15A NCAC 13A;
  - (k) 300 feet from a cemetery or burial ground; and
  - (l) 100 feet from any other potential source of pollution.
- (3) The Department may require greater separation distances or impose other protective measures then necessary to protect the well from pollution; the Department shall consider as follows:
  - (a) The hazard or health risk associated with the source of pollution;
  - (b) The proximity of the potential source to the well;
  - (c) The type of material, facility or circumstance that poses the source or potential source of pollution;
  - (d) The volume or size of the source or potential source of pollution;

- (e) Hydrogeological features of the site which could affect the movement of contaminants to the source water;
  - (f) The effect which well operation might have on the movement of contamination;
  - (g) The feasibility of providing additional separation distances or protective measures.
- (4) The lot shall be graded or sloped so that surface water is diverted away from the wellhead. The lot shall not be subject to flooding.
- (5) When the supplier of water is unable to locate water from any other approved source and when an existing well can no longer provide water that meets the requirement of this Subchapter, a representative of the Division may approve a smaller well lot and reduced separation distances for temporary use.

In addition to this delineation, communities are encouraged to establish wellhead protection plans, which include the following:

- 1) The formation of a wellhead protection committee to establish and implement the wellhead protection program whose role it is to conduct a potential contaminant source inventory, provide options for the management of the WHP area, seek public input into the creation of the WHP plan, seek approval of the WHP program and to implement the WHP program;
- 2) Development of a public education program;
- 3) Delineation of the contributing areas of the water sources;
- 4) Identification of potential contamination sources within the wellhead protection area;
- 5) Develop and implement wellhead protection area management actions to protect the water sources;
- 6) Develop an emergency contingency plan for alternative water supply sources in the event the groundwater supply becomes contaminated and emergency response planning for incidents that may impact water quality;
- 7) Conduct new water source planning to insure the protection of new water source locations and to augment current supplies.

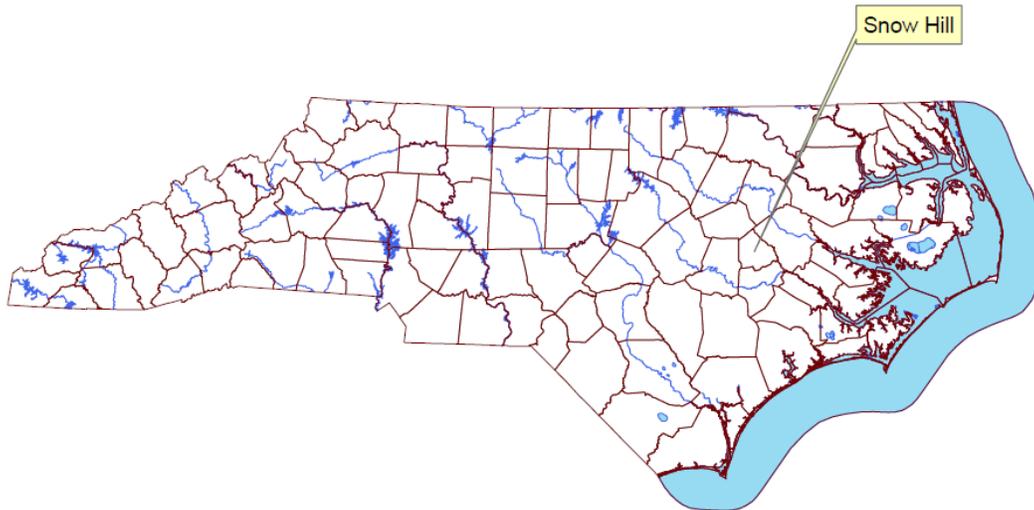
Wellhead protection for existing wells is a voluntary program, but water systems across the state are encouraged to take the above steps in protecting all groundwater sources.

The Public Water Supply Section (PWSS) provides the final approval for WHP Programs. The NC Wellhead Protection Program Coordinator is:

M. Gale Johnson, L.G.  
 Public Water Supply Section  
 1634 Mail Service Center  
 Raleigh, North Carolina 27699-1634  
 Phone 919-707-9083  
 Fax 919-715-4374

## Introduction

This is an update for the Town of Snow Hill's Wellhead Protection Plan which was first approved in July of 2002 and again in April of 2009. The Town of Snow Hill is located in the central portion of Greene County in North Carolina's Coastal Plain Region, just south of Contentnea Creek, which flows southeast towards the Neuse River. Its PWS ID# is 04-40-010. The town's wellheads are an average of about 85 feet above mean sea level in an area of the state where the terrain is generally flat with some gently rolling hills. The town operates six (6) wells, which serve a population of 1,600 people via 1,046 connections. A new well, 4A, was constructed in 2014. It appears that the wells pump water from the Upper Cape Fear aquifer. According to the Geologic Map of North Carolina, the area is underlain by the Black Creek Formation, which consists of black to gray interbedded sands, clays and marl. The town maintains two storage tanks with a total storage capacity of 750,000 gallons. Chemical addition to the water consists of chlorine. There are three certified operators for the system, which uses an average of 215,000 gallons per day.



## I. The Wellhead Protection Committee

The following people have been designated as Snow Hill's Wellhead Protection Committee (WPC):

<u>Name</u>	<u>Position</u>
Mr. Chris Tedder	Operator in Responsible Charge
Mr. Dana Hill	Public Works and Utilities Director
Mr. Todd Whaley	Public Works Technician
Ms. Katie Dunning	NCRWA

Ms. Katie Dunning of the North Carolina Rural Water Association provided technical assistance throughout the development of the plan update. The original plan was created by Ms. Debbie Maner of North Carolina Rural Water Association. The positions responsible for implementing the plan are the Snow Hill Town Board of Commissioners. They have accepted the recommendations made in the plan by the WPC. The Town of Snow Hill will begin implementation of the plan immediately following its approval by the Public Water Supply Section of the North Carolina Division of Water Resources and will complete implementation within ninety (90) days.

## II. Delineation of Wellhead Protection Areas

For this updated plan a calculated fixed radius method known as the Volumetric Method was used to delineate Snow Hill's WHPAs (Wellhead Protection Areas). Using the screened depths of the wells from **Table 1** below, and hydrogeologic framework information provided by the NC Division of Environmental Quality (DEQ), Groundwater Management Branch, it appears that the wells are screened in the Upper Cape Fear Aquifer, which is considered highly confined in Greene County (Heath, Map of Highly Confined Aquifers, 2000). Therefore **Table 2** was used to determine the radius of the WHPA for each of the wells. During the 2018 plan revision, construction records for well #2 revealed a yield of 700 as opposed to 500; this adjustment has increased the Well #2 Protection Radius to 3000ft. A new well, 4A, was added in the past 5 years and the overlap of the Wellhead Protection Area (WHPA) with the WHPA for well #4 ignored due to the well utilizing a different aquifer (Black Creek Aquifer). More hydrogeological information on all wells is depicted in Figure 2 on pg. 8. When the recommended radius was drawn around each of the wells, wells #4 and #4a were the only wells with WHPA overlap. The map on pg. 7 depicts all calculated WHPAs on a topographical background.

**Table 1. Well Information**

Well #	Location	Depth (ft)	Screened From (ft)	Maximum Yield (gpm)*	Radius (ft)
1	Hwy 258 South	360	315-355	503	2000
2	Kingold Blvd and W. Green St.	350	228-344	700	3000
3 Emergency use Only	Kingold Blvd. and SE Second St.	320	240-320	570	3000
4	Hwy 258 N and Hwy 91 N	290	232-289	402	2000
4A	Hwy 258 N and Hwy 91 N	135	110-130	150	1500
5	Hwy 58 S	325	289-315	340	2000

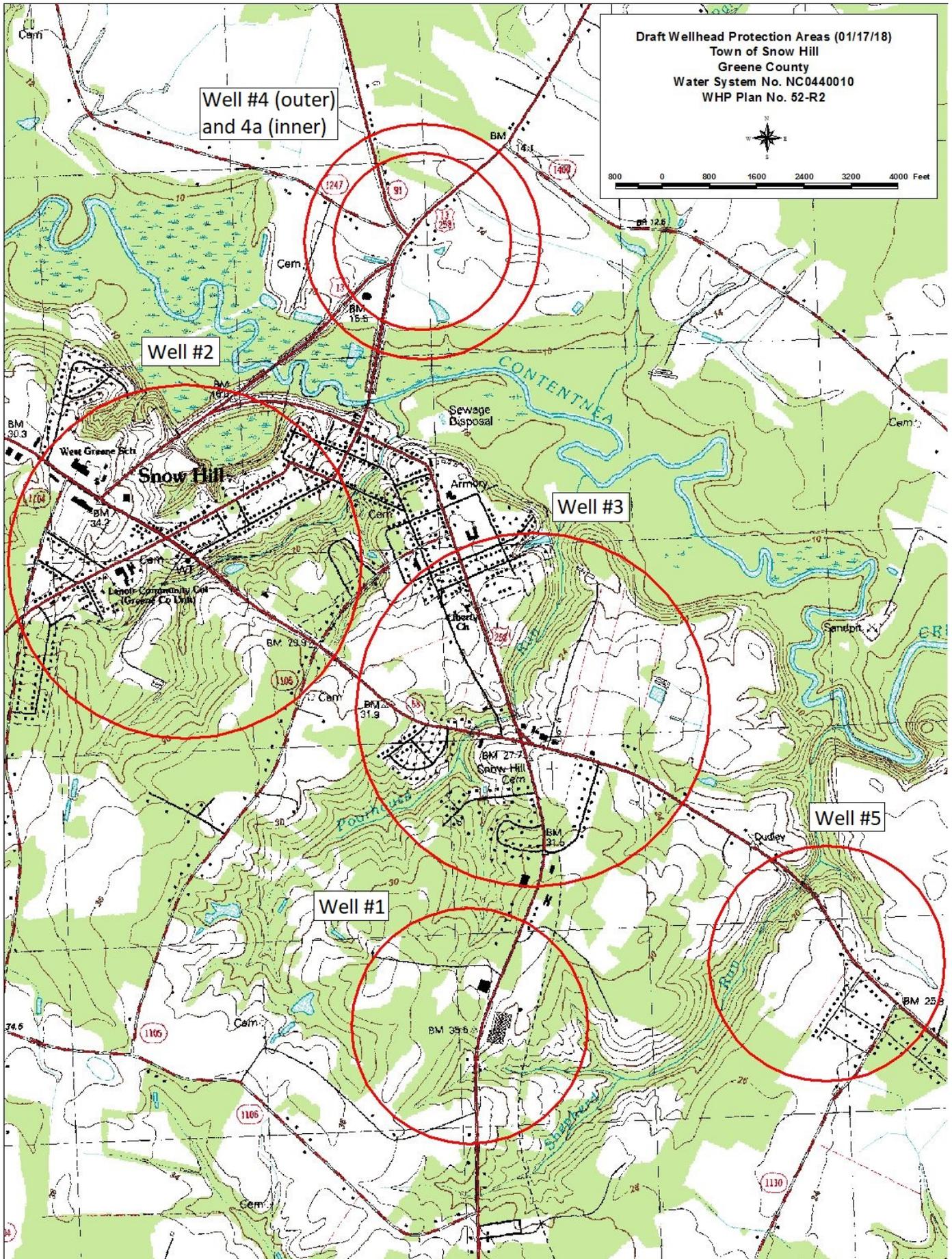
\* Taken from construction records present in the [appendix](#).

**Table 2. Recommended radii of WHPAs for wells withdrawing from semi-confined and highly confined aquifers.** Sourced from *Table 1 from The Wellhead Protection Guidebook*.

Well Yield Q <sup>1</sup> (gpm)	Maximum Permitted Withdrawal (Q <sub>MPW</sub> <sup>2</sup> ) (gallons)	Aquifer Thickness <sup>3</sup> (ft)	Radius of WHPA (ft) (rounded)
50	36,000	25	1,000
100	72,000	50	1,000
200	144,000	50	1,500
500	360,000	75	2,000
1000	720,000	75	3,000
2000	1,440,000	100	3,500

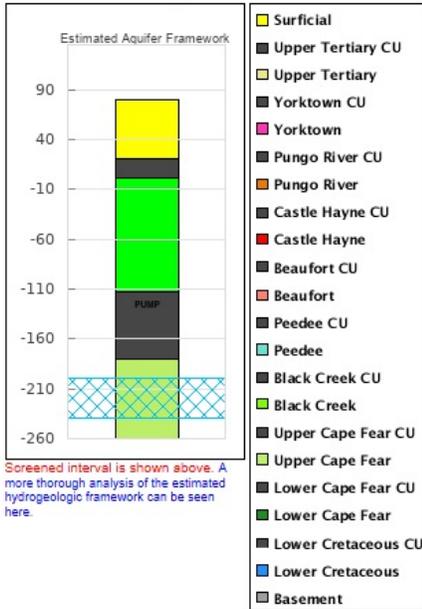
<sup>1</sup> Maximum sustained well yield or maximum capacity of the pump, in gallons per minute. Read as "up to" the indicated value; e.g., for a well yield of 150 gpm, use line representing 200 gpm.  
<sup>2</sup> Maximum Permitted Withdrawal (Q<sub>MPW</sub>) based on 12 hours per day of pump operation.  
<sup>3</sup> Aquifer thickness is a value assumed on the basis of the pumping rate.

Figure 1: Topographical Wellhead Protection Area.

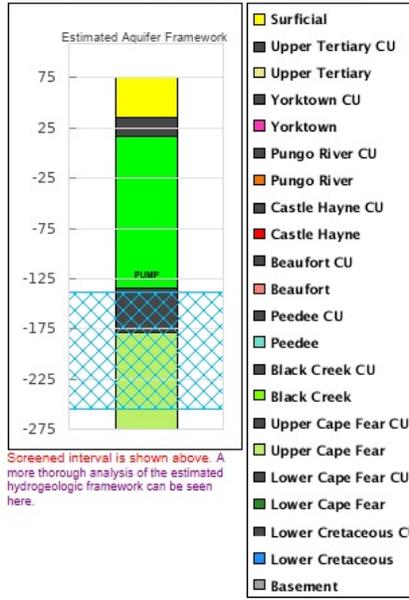


**Figure 2: Hydrogeological Framework for all wells (except 4a).** (hydrogeologic framework information provided by the NC Division of Environmental Quality (DEQ), Groundwater Management Branch)

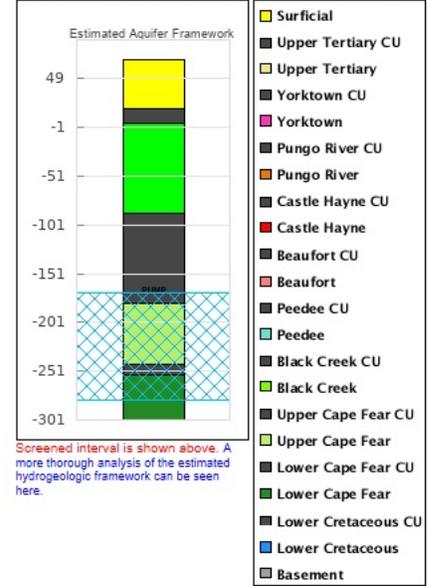
**Snow Hill DWR Hydro Geo - Well #1**



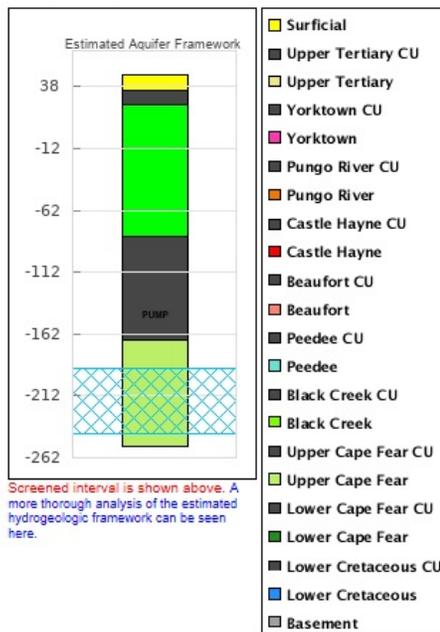
**Snow Hill DWR Hydro Geo - Well #2**



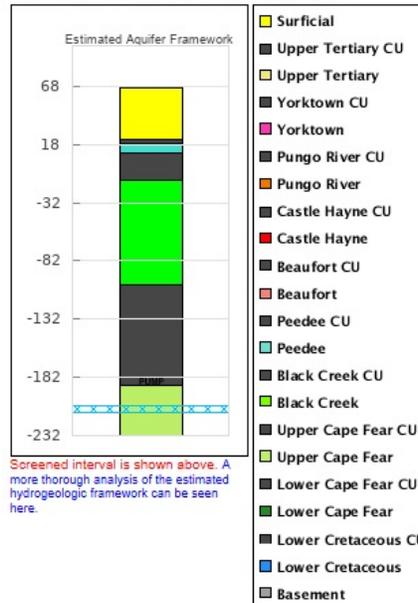
**Snow Hill DWR Hydro Geo - Oliver Well #3 - Inactive**



**Snow Hill DWR Hydro Geo - Beamon Well #4**



**Snow Hill DWR Hydro Geo - Tyson Well #5**



### III. Potential Contaminant Source Inventory

Mr. Todd Whaley, Public Works Technician, with technical assistance from Katie Dunning of the NC Rural Water Association, conducted an extensive inventory of all of the Wellhead Protection Areas (WHPAs). Mr. Whaley conducted a windshield survey and visited each of the Potential Contaminant Source (PCS) locations identified. He informed the residing business or individual about the development of the Wellhead Protection Program (WHPP) and the facilities location within a WHPA. He also collected an inventory of any potentially harmful chemicals that might be stored onsite and information about any activities conducted that could be a source of potential contamination. In addition the Source Water Assessment Program Report (SWAP) for Snow Hill was used as a guide to review files at local, state and federal agencies. The results follow.

**Septic Tanks** – The town of Snow Hill operates a municipal wastewater treatment plant that serves town residents and some industries outside town limits. There are approximately 7-8 septic tanks still in operation within Snow Hill Town limits. These septic tanks are outside of the wellhead protection range due to these septic tanks being mostly located closer to the center of town. Outside the town limits most all residential areas are on septic tank systems. Hillview Subdivision (located inside of the WHPA), which is near the intersection of Highway 258/58 is entirely on septic tanks. There are approximately 35-40 septic tanks in this subdivision. The area around well 5 is entirely made up of septic tanks.

**Abandoned Wells** – Within Snow Hill town limits everyone is required to be hooked to the municipal water system. There are approximately twelve (12) shallow wells outside the town limits and WHPA that are used for irrigation or hog farm operations. There are no known wells that are no longer used, but that have not been properly abandoned.

**Snow Hill Fire Department** – No records of concern.

**Greene County Emergency Management** – The office of the Fire Marshal has provided a list of Tier II facilities in the wellhead protection areas. This list is included in the [appendix](#) of this plan.

**Division of Public Health** – Mr. Bobby Carraway of Snow Hill Fire Department and Ms. Debbie Maner of the NCRWA met with Ms. Carolyn Griffin, Greene County's Environmental Health Coordinator, to discuss any problems with septic tanks that she might be concerned about. She expressed concern over septic tanks located in Hillview Subdivision. According to Ms. Griffin, “there are residences in the subdivision that are straight-piping into storm drains and shallow springs.” The engineering firm of McDavid and Associates researched the possibility of connecting the subdivision to the town's sewage system. It was determined that connecting the Hillview Subdivision to Snow Hill's wastewater system would be too expensive. The current Greene County Health Department was made aware of the situation in Hillview Subdivision.

In the 2018 plan revision, this issue was discussed with the Town Manager. The cost to repair the issue in this subdivision is still prohibitive. A management strategy has been included on pg. 39.

**Greene Environmental Health Department-** No additional concerns were identified.

**Snow Hill Farms** - There are extensive farming operations in Snow Hill. **Figure 3** on pg. 10 is a set of maps showing the locations of fields with the potential to be farms in the wellhead protection areas. There were several hog farms in Snow Hill, though no animal operations (hog farm or other) were in the wellhead protection areas when analyzed by database and aerial imagery. Earl Barrow farms is no longer in service and the hog lagoons have been abandoned. Ham Produce is likely the largest agricultural producer in the area. They grow Sweet Potatoes, Squash, Cabbage, and Watermelons. Their products include the previously mentioned crops, dehydrated vegetables, Yamco's vegetable and fruit purees, and Covington Vodka. More information about their practices and certifications can be found on their website. Based on the USDA's 2012 Census of Agriculture for Greene County, the top grown crops in Greene County are soybeans, cotton, and corn. The land used for farms from 2007 to 2012 increased by approximately 10% and the average land of farms increased by approximately 23%. This is contrasted by an 11% reduction in

farms between those years. The standard crop rotation is corn, wheat, and soybeans. Occasionally, peanuts are also grown in the area. For conservation practices, a majority of farmers use a no-till method and cover-cropping has become very popular in the past three years.

**Figure 3: Maps of potential farms in each Wellhead Protection Area.**

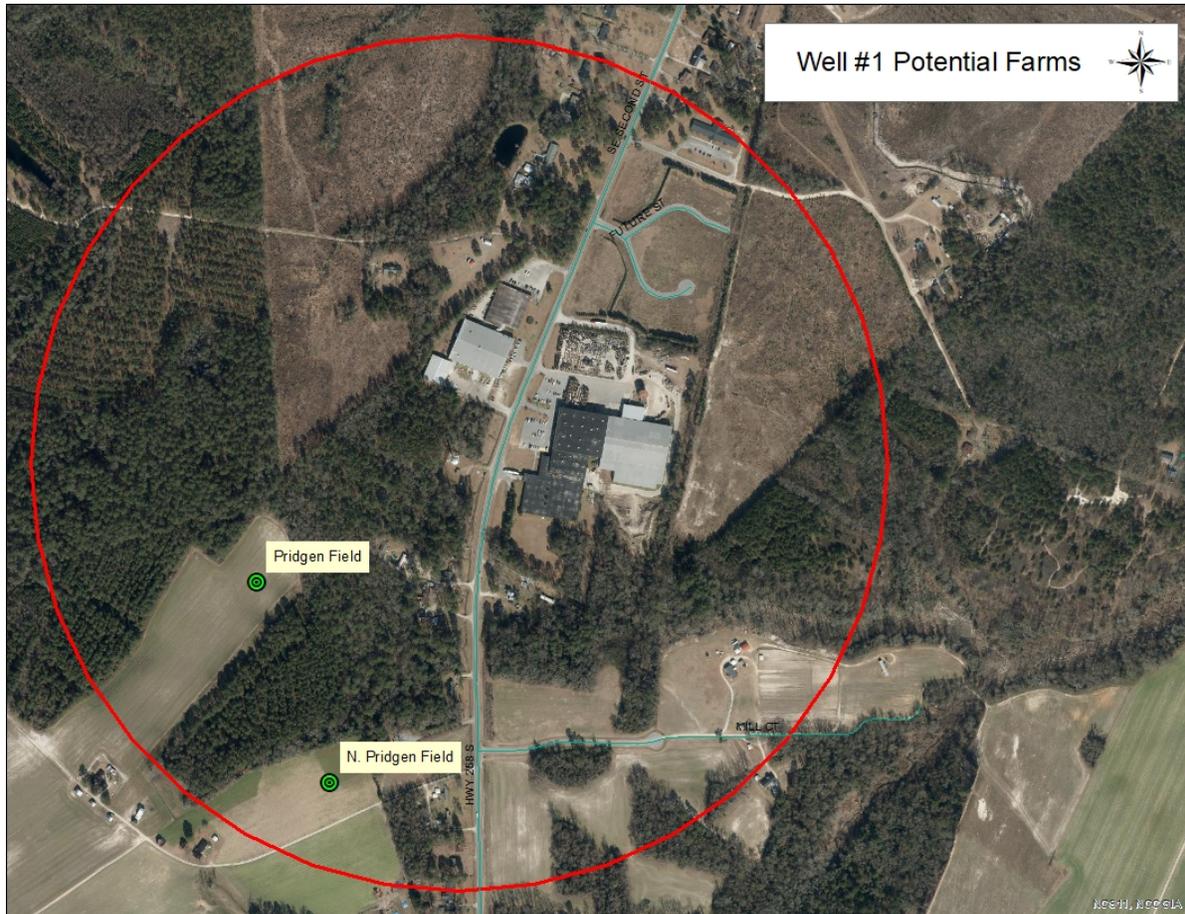


Figure 3: Continued

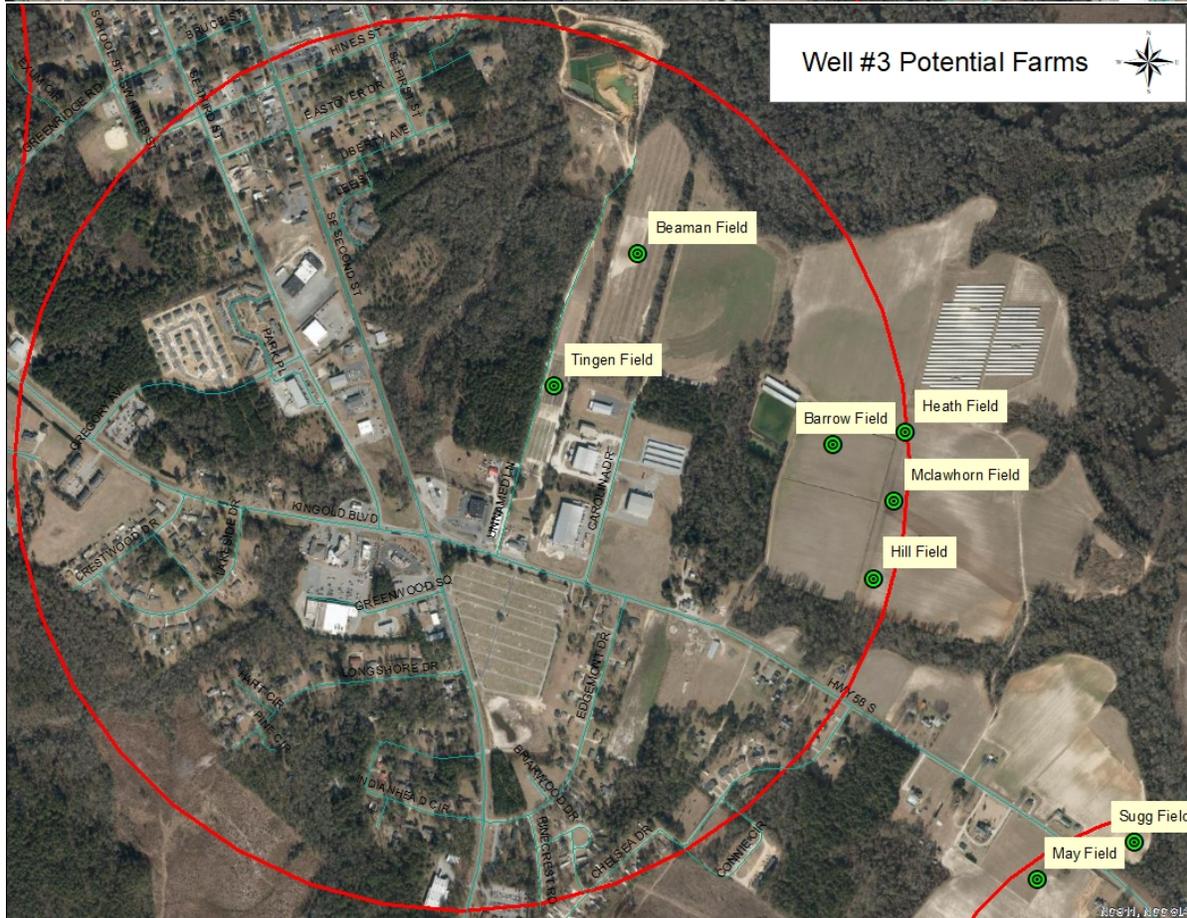
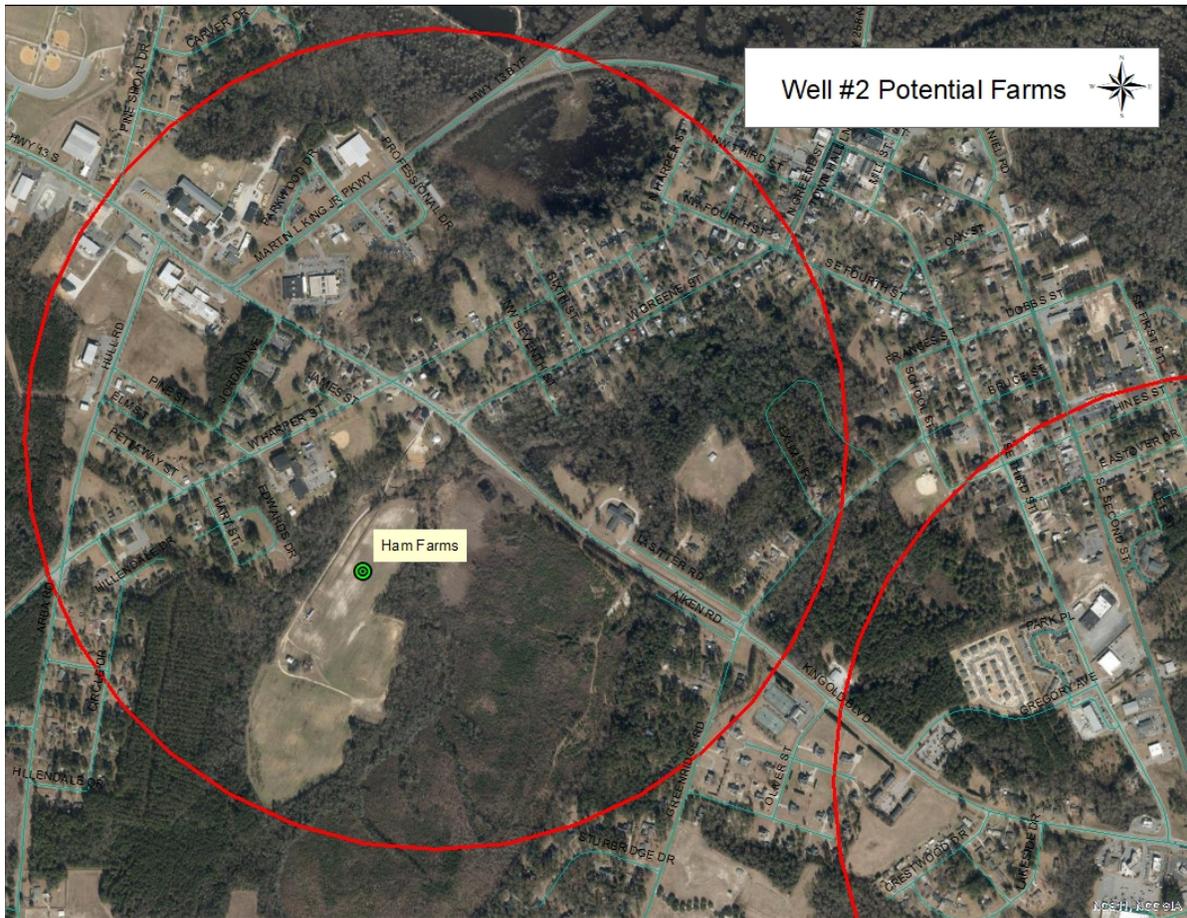
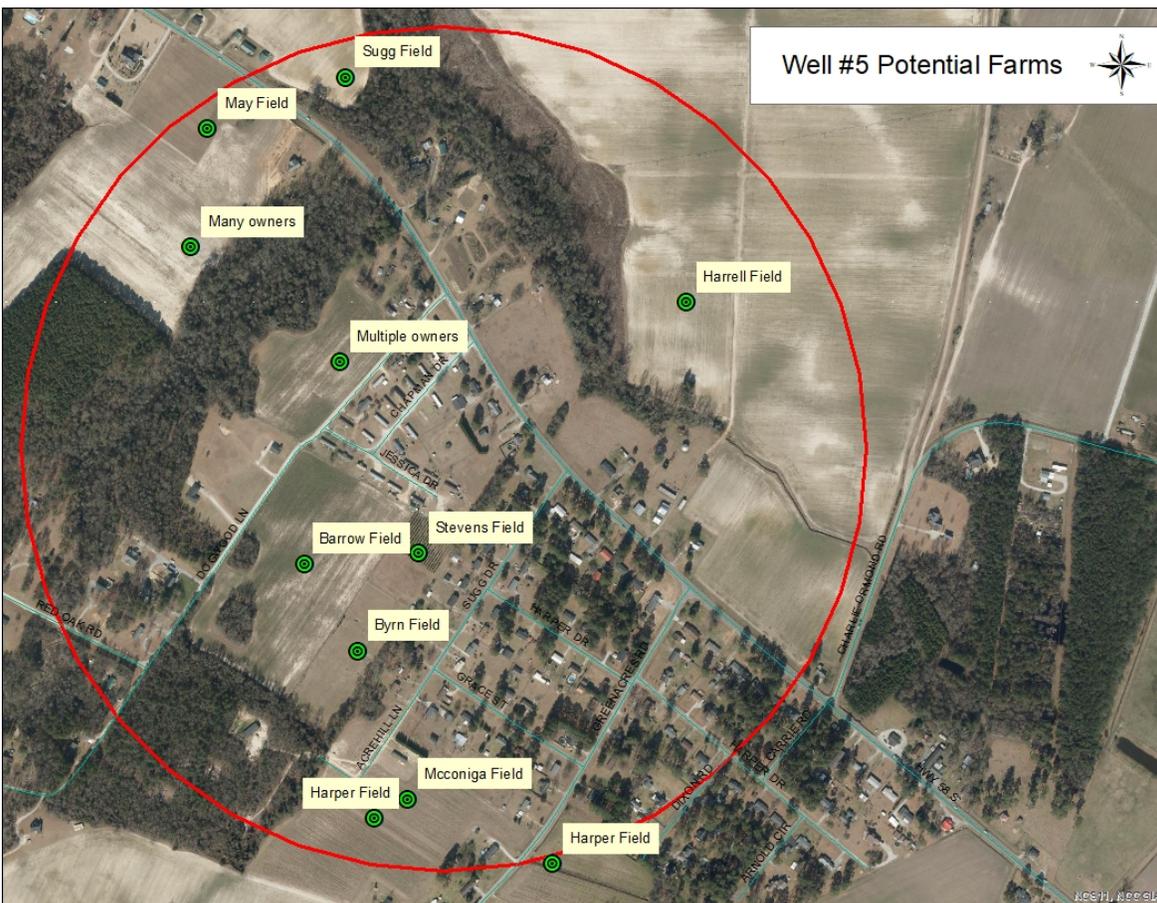
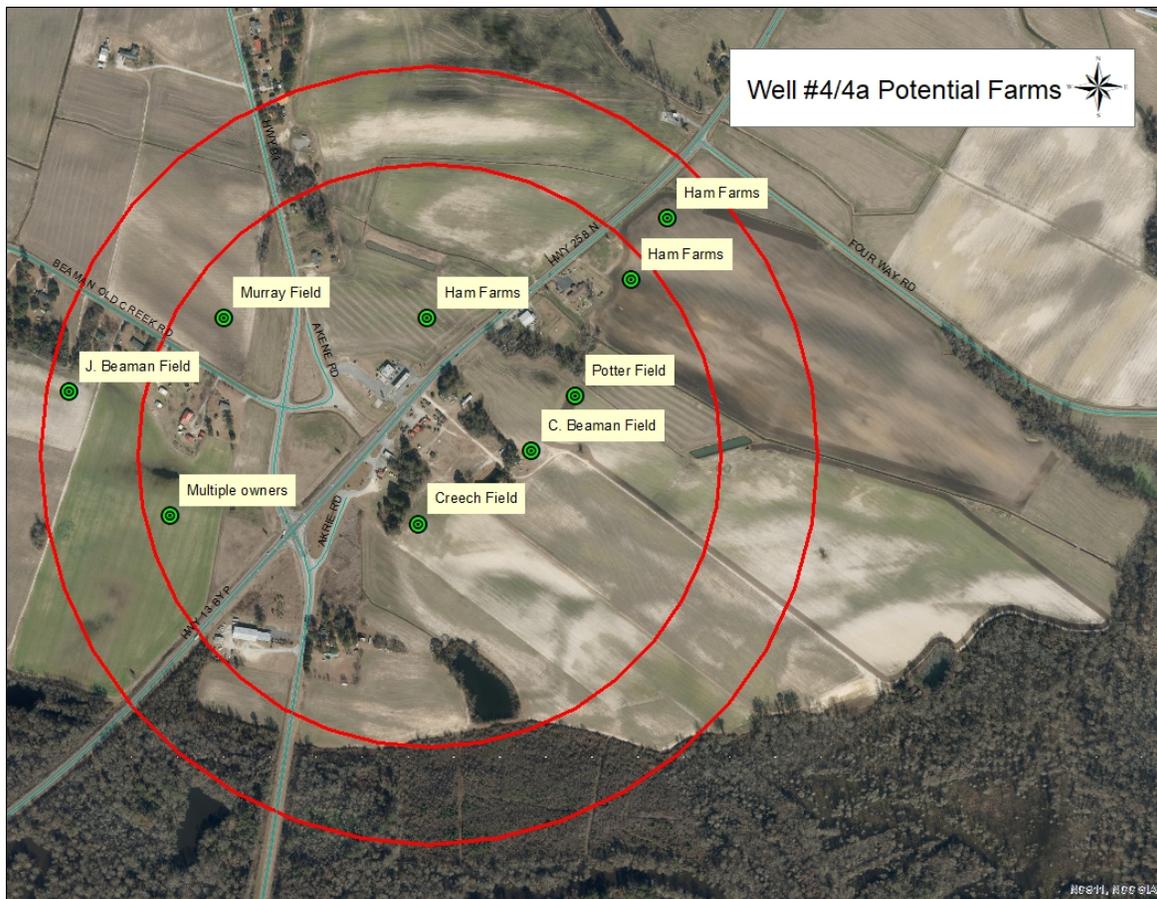


Figure 3: Continued



### **Potential Contaminant Source Inventory: Tables and Maps**

The following tables list the potential sources of contamination in the Town of Snow Hill's wellhead protection areas. The exception to this are home heating oil tanks used at many residences, and which remain off the inventory for this reason. The tables have map codes used to identify the potential sources of contamination on the PCS Inventory Maps. While the tables contain a majority of the relevant information, notes can be found on the surveys located at the back of the [appendix](#). Where listed on the PCS Data Chart, "small quantities" refers either to unknown amounts totaling less than 100-gallons or 100-pounds or small quantities (<100 gallons or pounds combined) of many related chemicals that are fully listed in the survey section of the [appendix](#).

**Potential Contaminant Source Inventory: Map code list**

**01 Abandoned Wells**  
**02 Aboveground Storage Tank**  
**03 Airport**  
**04 Agricultural Facilities**  
**05 Animal Feedlot/Waste Storage**  
**06 Asphalt Plant**  
**07 Auto Repair**  
**08 Body Shop/Salvage**  
**09 Car Washes**  
**10 Cemetery**  
**11 Chemical Production**  
**12 Chemical Mixing/Storage**  
**13 Drainage Canal**  
**14 Dumps**  
**15 Electroplaters/Metal Finishers**  
**16 Fertilizer/Pesticide Storage**  
**17 Fertilizer/Pesticide Production**  
**18 Fertilizer/Pesticide Mixing**  
**19 Funeral Homes**  
**20 Gas Stations**  
**21 Golf Courses**  
**22 Grain Storage Bin**  
**23 Holding Pond/Lagoon**  
**24 Inactive/Abandoned Hazardous Waste Sites**  
**25 Injection Wells**  
**26 Laboratories**  
**27 Laundromat/Dry Cleaners**  
**28 Lift Stations**  
**29 Machine Shops**  
**30 Major Highways**  
**31 Major Railroads**  
**32 Military Bases**  
**33 Mining**  
**34 Nurseries**  
**35 Oil/Gas Pipeline**  
**36 Oil Wells**  
**37 Photo Processor**  
**38 Printer**  
**39 Power Lines**  
**40 Other Wells**  
**41 Refineries**  
**42 Refinishing**  
**43 Road Salt**  
**44 Septic Systems**  
**45 Substations**  
**46 Surface Water**  
**47 Sewage Plant**  
**48 Underground Storage Tanks**  
**49 Waste Piles**  
**50 Wood Preserving**  
**Other (Specify)**  
**51 Groundwater Remediation Site**  
**52 Food Processing**  
**53 Storage**

**54 Medical Center**  
**55 Maintenance Shop**  
**56 Stormwater**  
**57 Wastewater**

<b>WELL 1</b>			
<b>Map Code</b>	<b>PCS Site</b>	<b>Potential Contaminant</b>	<b>Quantity</b>
<b>Higher Risk Sources</b>			
30A	Highway 258	Spills	
<b>Medium Risk Sources – None</b>			
53A	Ham Produce 963 Hwy. 258 S	Distribution Only	Hypochlorite: 1,100 gal.
<b>Lower Risk Sources</b>			
53B	Tide Tamer Hwy. 258S	Waterfront Products *Lifts and gangways	Argon gas tanks Cleaning chemicals
15A	Worth Products 900 Hwy 258 S 252-747-9994	CNC Machining Metal Fabrication Welding	*No notable chemicals.

# Snow Hill Well #1

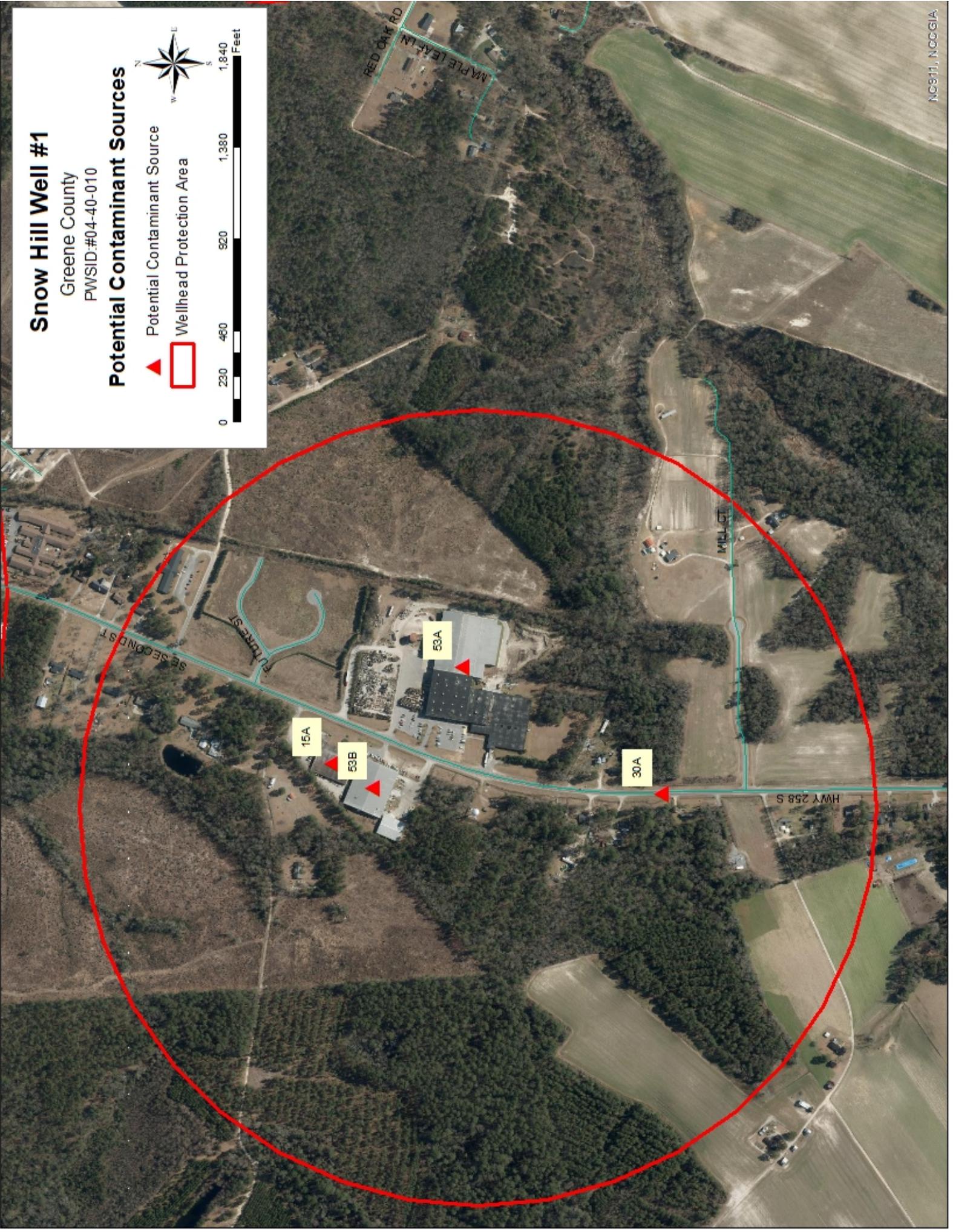
Greene County

PWSID:#04-40-010

## Potential Contaminant Sources

▲ Potential Contaminant Source

□ Wellhead Protection Area



<b>WELL 2</b>			
<b>Map Code</b>	<b>PCS/KCS Site</b>	<b>Potential Contaminant</b>	<b>Quantity</b>
<b>Known Risk Sources</b>			
#87309	Former Parker Hannafin	Multiple pollutant leak	
#38596	Hulbert Property Incident	Low Ranked Heating Oil UST leak	
#24408	Harper Property Incident	Low Ranked Heating Oil UST leak	
<b>Higher Risk Sources</b>			
30B	Highway 13	Spills	
30D	Highway 58 *Merged into from Hwy 13S	Spills	
48G	Fast Break #4	UST	Gas: 8,000 gal. Gas: 8,000 gal. Kerosene: 2,000 gal. Gas: 4,000 gal. Motor oil: 5 gal.
19A	S Connor Memorial Funeral Home	Funeral Home	Formaldehyde: 20-30 gal.
48B	Greene School Bus Garage 301 Kingold Blvd. 747-3425 Greene County Maintenance: Same address	Diesel AST Gasoline AST UST Permit 0-031709 UST Permit 0-031713	Gas: 3,500 gal. Diesel: 10,500 gal. Diesel: 9,000 gal. Heating oil: 10,000 gal. Heating oil: 10,000 gal. Motor oil: 400 gal. Antifreeze: 60 gal. Paint: 20 gal.
<b>Moderate Risk Sources</b>			
48A	202 Kingold Blvd	Possible USTs	?
2A	EMS Building 201 Martin Luther King Blvd. 747-2544	Diesel AST	Diesel: 300 gal.
<b>Lower Risk Sources</b>			
10B	St. James Church	Cemetery	Filled plots: 30 Cleaning and pesticides: <20 gal.
30C	Highway 903	Spills	
52A	Yamco Former location of GSH Corporation which is no longer operating	Sweet Potato Processing Operation *Tier II registered in 2017.	Chlorine: 1,000 gal. Cleaning chemicals: 15 gal.
54B	Parkwood Medical Center	Medical Center	X-rays Cleaning chemicals: 5 gal.
54C	Robert E. McArthur	Dentist/Medical Center	Mercury Amalgam: Small amounts X-rays Cleaning chemicals: 3 gal.
54D	Greene Dental Services	Dentist/Medical Center	Mercury Amalgam X-rays Cleaning chemicals
10A	St. Peters FWB Church	Cemetery	Filled plots: 50

	104 Kingold Blvd. 747-2415		
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\*This well has a fixed generator.

PWS SWAP Report shows Dumas Oil Bulk Plant within this WHPA, but it is located approximately 3,500 feet to the east northeast, just north of WHPA 3.

### Underground Storage Tank Section

**Suspected Underground Storage Sites** - There was one location, (WHPA #2, corner of Hwy. 903 and 258), where it was suspected that underground storage tanks (USTs) operated at one time. There was no evidence that these USTs had been either upgraded or removed in compliance with the December 1998 regulations. The Underground Storage Tank Section of the Washington Regional Office of the NC DENR was notified about the existence of the possible USTs and has agreed to conduct an investigation at that location. Until that investigation is complete, little information is available about the site. There is no additional information available about this site. As of the 2018 plan revision, no further information was able to be collected, but an NCDEQ UST investigator has been notified of the location.

**Former Parker Hannafin- Incident #87309**- The former location of a rubber gasket/seal manufacturing facility. Manufacturing at this location ceased in 2004. Hydraulic fluid was detected underneath the manufacturing area and building. When the incident was discovered, there were low levels of chlorinated solvents and high concentrations of oil and grease. A Corrective Action Plan was put in place for clean-up of the free product; however, the soil was unable to be excavated. This plan included AFVR (Aggressive Fluid Vapor Recovery) and an absorbent sock to remove free product. The Corrective Action Plan for the Groundwater included MNA (Monitored Natural Attenuation) and ERD (Enhanced Reductive Dechlorination). The soil was to be analyzed periodically for natural attenuation and the clean-up to continue. There were TPHg (Total Petroleum Hydrocarbons) and low concentrations of VOCs (Volatile Organic Compounds) found. An observation of the contamination at deeper levels for monitoring wells 3 and 3a was scheduled on November 8<sup>th</sup>, 2008. This file was sent to the Inactive Haz Sites Branch on February 26<sup>th</sup>, 2009. Oversight of free product removal will be conducted by WaRO.

**Hulbert Property- Incident #38596**- A 550 Gallon Heating Oil UST was removed on December 15<sup>th</sup>, 2015. The incident was ranked low because a well was not located within 150 feet of the source of the release. A Notice of Residual Petroleum has been filed for Soil and Groundwater.

**Harper Residence- Incident #24408**- In February 2003, a 280-gallon gasoline UST and one 550-Gallon heating oil UST was removed from the Harper Residence. A 20-day report and Phase 1 limited site assessment was conducted. According to tests, the level of Diesel-range THP exceeded minimum reportable. Two monitoring wells were installed on September 12<sup>th</sup>, 2012. Based on testing results, NCDENR classified the location as a low risk. The recommended action, due to the small quantity of contaminated soil, is excavation.





<b>WELL 3</b>			
<b>Map Code</b>	<b>PCS/KCS Site</b>	<b>Potential Contaminant</b>	<b>Quantity</b>
<b>Known Risk Sources</b>			
#7151 and #19760	Snow Hill Service Center Incident	Low risk no further action	
#31518	Field's Residence Incident	Low risk no further action	
#38033	Turner Residence Incident	Low risk no further action	
#93198	Live Oak Trucking Co. Incident	Truck-car accident spill	
<b>Higher Risk Sources</b>			
48C	Trade Wilco 187 1102 Kingold Blvd. Wilco Hess LLC 5446 University Parkway Winston Salem, NC 27105-1366	UST Permit # 0-036249 4 USTs *Tier II last listed in 2014.	Diesel: 6,000 gal Gas: 6,000 gal Gas: 6,000 gal Gas: 12,000 gal Motor oil: 10 gal Anti-freeze: 10 gal
12A	NWL Capacitor Division 204 Carolina Drive 252-747-5943	Manufacturer RCRA Gen/Tran. Facility NCD986214455	Sunsol Oil: 1500 gal. Black Pump Oil: 500 gal. Asotric: 110 gal.
7A	NAPA Auto Parts 1108 Kingold Blvd. 252-747-7492		Motor Oil: 375 gal. Batteries: 150 units Antifreeze: 100 gal. Hydraulic oil: 300 gal. Other assorted minor fluids: 200 gal.
30A(#2)	Highway 258	Spills	
30D(#2)	Highway 58	Spills	
#18230	Former Fast Break #3 1012 Kingold Blvd. Incident # 18230	Removed USTs	
48D	Handy Mart # 64 1012 Kingold Blvd E. J. Pope & Sons PO Drawer 649 1092 N. Brazeale Ave. Mount Olive, NC 28365	UST Permit # 0-035283 2 USTs 1 UST	Gas: 15,000 gal. Kerosene: 2,500 gal. Gas: 10,000 gal.
57A	Snow Hill WWTP – Land Application of Sludge Northeast of Well # 3	Biosolids	Varies, but usually around 95,000 gal per year.
7D	Autozone	Auto parts	Motor oil: 300 gal. Antifreeze: 100 gal. Hydraulic oil: 200 gal. Batteries: 50 units. Other assorted minor fluids: 300 gal.
7B	Advance Auto 986 SE Second Street	Motor Oil Antifreeze	Motor oil: 400 gal. Antifreeze: 150 gal. Batteries: 160 units Hydraulic oil: 300 gal. Other assorted minor fluids: 300 gal.

16A	Crop Production Services 202 Carolina Dr. 252-747-4897	Fertilizers/Pesticide Storage *Tier II registered in 2017.	*Storage varies depending on season.
48E,7E	Snow Hill Service Center 601 SE Second St. 252-747-6100	Gasoline UST Diesel UST Pollution Incident # 7151 Pollution Incident # 19760 Auto repair/sales	Gas: 6,000 gal. Gas: 6,000 gal. Diesel: 2,000 gal. Motor oil/transmission/antifreeze: 300 gal. *All tanks no longer in service.
<b>Moderate Risk Sources</b>			
10C	Snow Hill Cemetery		Occupied: 4,700 plots Empty: 6,000 plots
28A	Lift Station # 1 1005 Kingold Blvd. 252-747-7963	Wastewater	
8A	Rouse's Body Shop 1112 Kingold Blvd. 252-747-4976	Auto repair(body shop)	Solvents, Paints, Thinners: 50 gal.
44A	Hillview Subdivision	Biological waste	35-40 Septic Tanks
9A	Black Dog Carwash		Washing chemicals: 50 gal.
2B	Elite Medical Transport	Diesel AST	Diesel: 500 gal.
28B	Lift Station # 5 Hwy. 58 Sandy Hill MHP 252-747-7973	Wastewater	
<b>Lower Risk Sources</b>			
54A	DaVita Dialysis Greene County Dialysis 1104 Kingold Blvd.	Medical center	*No chemicals
56A	Tingen Mine	Stormwater	permitee: Peak Branch Construction NPDES Permit number: NCG020888 Permit type: Mining Activities Stormwater Discharge COC
27A	Coin Laundry – Beside Handy Mart	Laundromat	Cleaning chemicals: 5 gal.

**Snow Hill Service Center – Incident # 7151** – (Chevron Station – WHPA #3) the incident occurred in January of 1992 as the result of the closure of a 550-gallon waste oil tank. The tank was abandoned in place and soil samples collected at the time of closure indicated soil contamination of 78 and 905 ppm heavy oil. In July of 2001, a Notice of Violation was sent to the responsible party for failure to submit a Limited Site Assessment according to compliance schedule. The site was ranked 30/E in November of 1996. The site was issued a Notice of No Further (clean up) Action required by the UST Section on June 24, 2004.

**Snow Hill Service Center – Incident # 19760** – (Chevron Station – WHPA #3) the incident occurred as the result of the removal of two 280-gallon heating oil tanks and one 2,000-gallon diesel tank in December of 1998. A groundwater sample collected in July of 1999 showed results Below Detection Limits (BDL), but a soil sample showed 2,119.4 ppm diesel. A Limited Site Assessment recommended that the site be closed. The site is ranked low and a Soil Assessment Report was requested before closure by the Washington

Regional Office (WaRO) in January of 2000. The site was issued a Notice of No Further (clean up) Action required by the UST Section on March 3, 2002.

**Former Fast Break # 3 – Incident # 18230** – 1012 Kingold Blvd. (WHPA # 3) Currently the property is a single-story restaurant. The incident occurred as the result of the removal of five gasoline Underground Storage Tanks in December of 1997. The site is ranked High as it 650 feet from Snow Hill's public water supply well # 3. A Corrective Action Plan (CAP) was approved for the site, which includes air sparge and groundwater and soil vapor extraction as a means of remediating the contamination. The worst contamination is in MW-2 where the most recent monitoring event showed a Benzene level of 17,700 ppb. The groundwater standard for Benzene is 1 ppb. Required clean-up at the site was temporarily suspended because it does not meet the criteria to be preapproved for reimbursement for clean-up cost by the state. The site was reopened in 2015 and has had sampling and maintenance through 2017.

**Fields Residence – Incident # 31518** – 1002 Kingold Blvd. (WHPA # 3) A Soil Assessment Report is needed for the site. Required clean-up at the site was temporarily suspended because it does not meet the criteria to be preapproved for reimbursement for clean-up cost by the state. A notice of Residual Petroleum was issued in 2012 with a notice of No Further Action following in the same year.

**Turner Residence – Incident # 38033** – A 280 Gallon Heating Oil UST was removed on November 3<sup>rd</sup>, 2009. A Total Petroleum Hydrocarbon sample on December 3<sup>rd</sup>, 2009 confirmed release. No groundwater was encountered. Contaminated soil was removed by P and F Environmental on January 25<sup>th</sup>, 2010. An Initial Abatement Action Report was sent on January 27<sup>th</sup>, 2010. The site was assessed as low risk. In 2011, a Notice of Residual Petroleum was filed. A Notice of No Further action was issued on August 1<sup>st</sup>, 2010.

**Live Oak Trucking Co. incident- #93198:** On September 9<sup>th</sup>, 2013, a tractor-trailer from Live Oak Trucking company based out of Georgia was hit by a car about one mile south of Snow Hill, NC. This incident caused a spill of 60 gallons of diesel in front of 341 Hwy 58 South in front of the former Beamon's restaurant. Eastern Environment was called for the clean-up operation. The company has since gone out of business on January 27<sup>th</sup>, 2015.

#### **Department of Environmental Quality**

**Snow Hill Wastewater Treatment Plant** – The treatment plant has permit WQ0011448 to land apply sludge. (WHPA # 3 That permit had no violations. There was an inspection conducted at the facility in December of 2008, and other that some record keeping problems, everything was in order.

**Earl Barrow Farm – 40a39** – As of the 2018 revision, this site has been closed and abandoned.

**NWL Capacitors** – 204 Carolina Drive – (WHPA # 3) The facility has an active "General Permit" NCG500357 issued in 1997 to discharge 15,000 GPD non-contact cooling water. The permit requires semi-annual monitoring for flow, temperature, total residual chlorine, and oil and grease, but it appears that there has not been an inspection at this location since the permit was issued. (e-mail from Kim D. Cole, DWQ, 8/27/01) The permit was renewed in July of 2007. The facility discharges to the creek, but uses no wastewater treatment chemicals.

# Snow Hill Well #3

Greene County

PWSID: #04-40-010

Potential Contaminant Sources



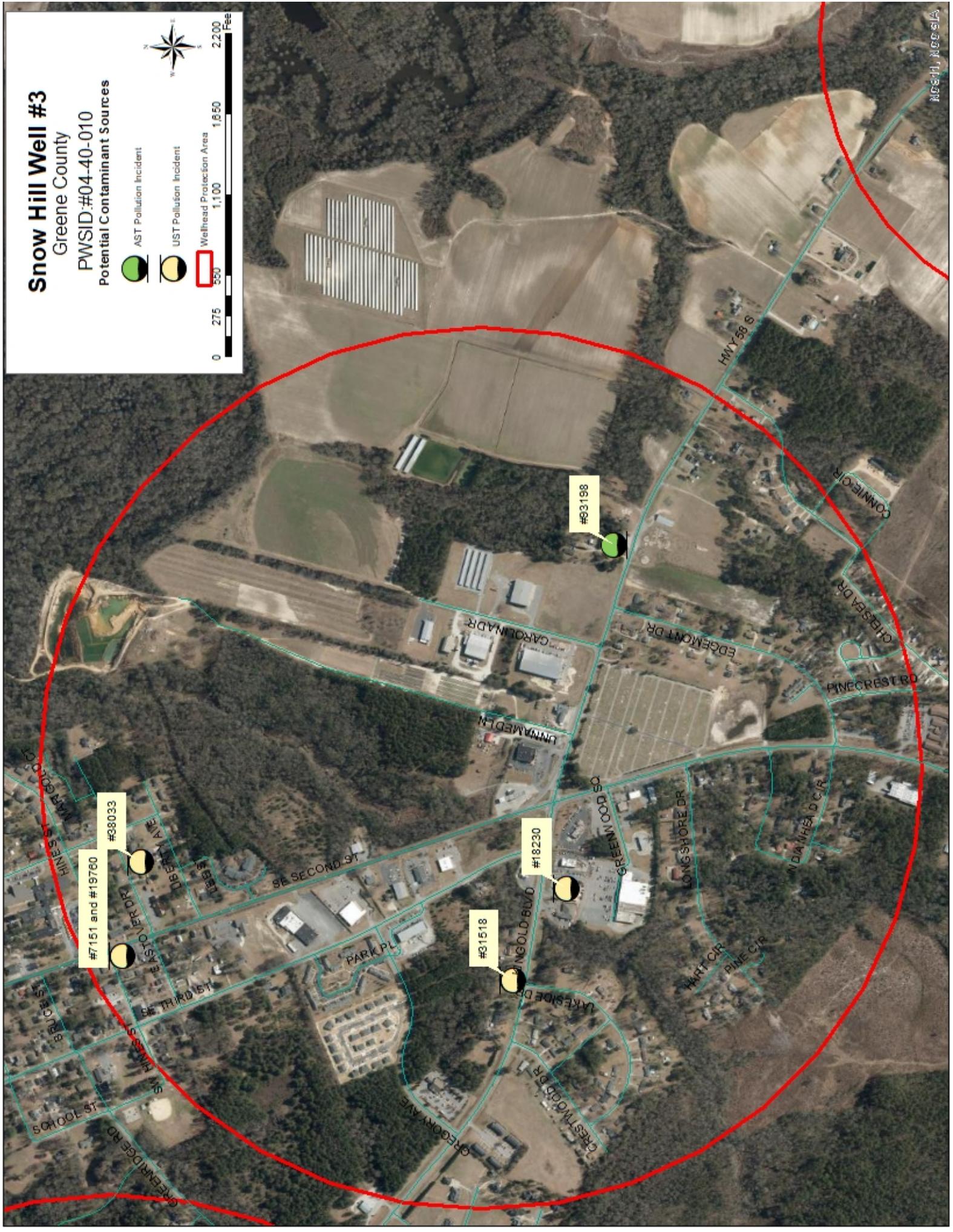
AST Pollution Incident



UST Pollution Incident



Wellhead Protection Area



#7151 and #19760



#38033

#31518

#18230



#63198

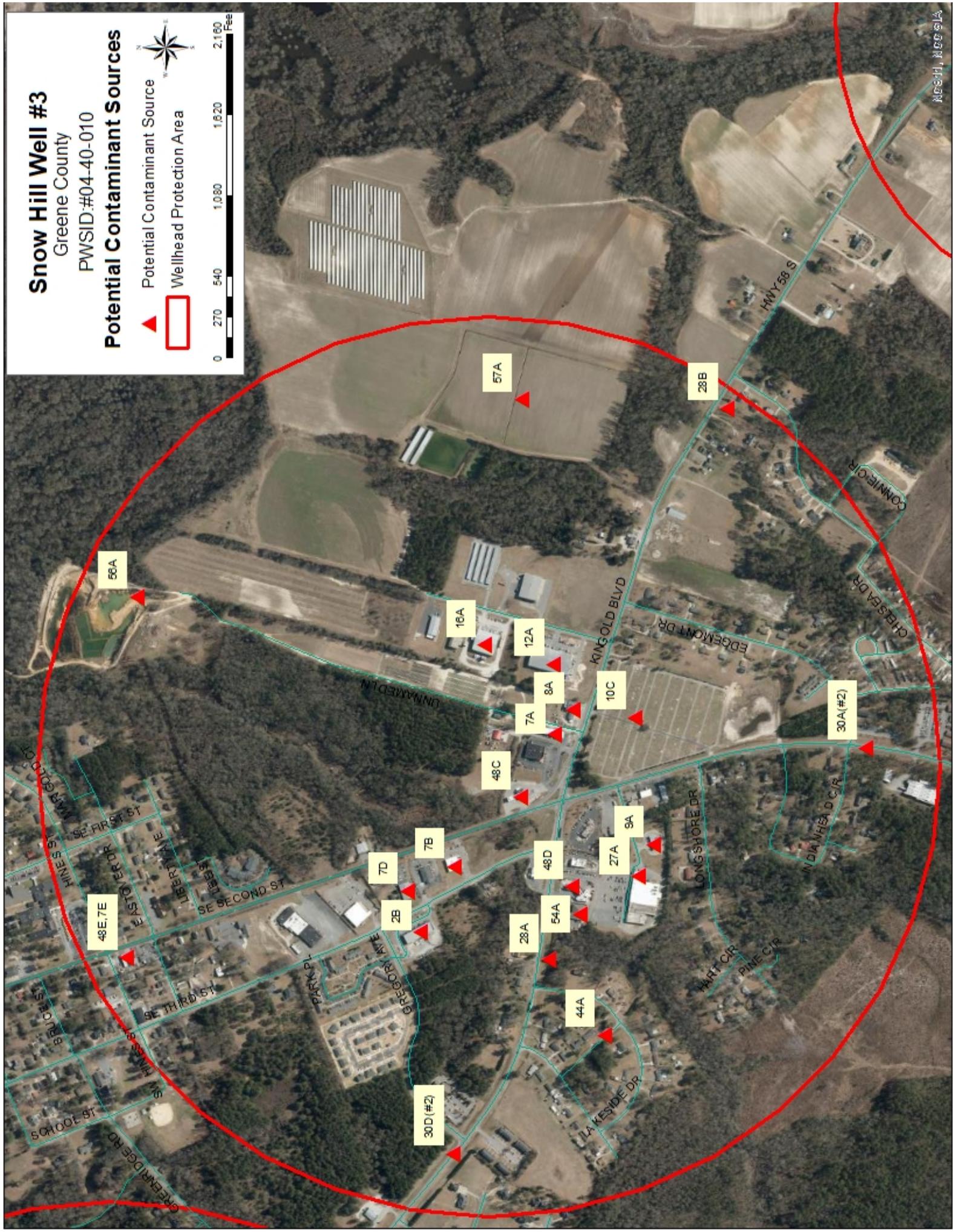


# Snow Hill Well #3

Greene County  
PWSID: #04-40-010

## Potential Contaminant Sources

▲ Potential Contaminant Source  
□ Wellhead Protection Area



<b>WELL 4 and 4A</b>			
<b>Map Code</b>	<b>PCS/KCS Site</b>	<b>Potential Contaminant</b>	<b>Quantity</b>
<b>Known Risk Sources</b>			
#38436	Wilco Hess 326 Pollution Incident	Notice of Residual Petroleum/Groundwater contamination	
#10443	Serv-All Station Incident	Low risk no further action	
<b>Higher Risk Sources</b>			
30B(#2)/30A(#3)	Highway 13/258	Spills	
12B	Printworks 650 Hwy. 258N 252-747-2062 Pollution Incident # 10443	Printer Chemicals Removed USTs	Easi Solv 5 (Cleaner): 1 gal. Screenwash (vegetable oil based): 55 gal.
8B	Cannon's Body Repair 814 Hwy. 258N 252-747-8348	Auto repair/sale	Paint Thinner: 5 gal. Used Oil: 15 gal.
7C	Stroud's Body Shop Head's Auto Repair 840 Hwy. 258N 252-747-4042	Waste Oil Drum AST	4262 Lacquer Thinner: 5-10 gal. Waste Paint: 30 gal. Waste oil: 500 gal.
48F	Trade Wilco 326 (Speedway #7950) 674 Hwy. 258N Wilco Hess 5446 University Pkwy. Winston Salem, NC 27105-1366	UST Permit # 0-036017 3 USTS *Tier II last listed in 2014.	Diesel: 12,000 gal. Gas: 12,000 gal. Gas: 12,000 gal. Motor oil/anti-freeze: 25 gal.
<b>Moderate Risk Sources</b>			
30E	Highway 91	Spills	
<b>Lower Risk Sources – none</b>			

**Serv-All Station - Incident # 10443** - 107 Edgemont St. (Printworks – WHPA 4) Currently the property is occupied by a silkscreen printing company. The site is 210 feet from Well # 4. The incident occurred as the result of Underground Storage Tanks removed on February 2, 1993. A natural attenuation CAP was submitted in January of 1994 and includes semi-annual monitoring of the public water supply well and the monitoring wells on-site. Samples collected in January of 2001 showed the following results in MW-1.

<b>Contaminant</b>	<b>MW-1 (ppb)</b>	<b>2L Standard (ppb)</b>
Ethylbenzene	<b>931</b>	29
Total Xylenes	<b>4415</b>	530
Naphthalene	<b>365</b>	21
Lead	12	15

There was no contamination detected in the PWS Well. Required clean-up at the site was temporarily suspended because it does not meet the criteria to be preapproved for reimbursement for clean-up cost by the state. In November 2009, a Notice of Regulatory requirement caused sampling to occur in March 2011. A Notice of No Further action was issued in May 2011.

**Wilco Hess 326- Incident #38436**- A site check report was received on December 2<sup>nd</sup>, 2013. A Limited Site Assessment was requested. The groundwater exceeded 2L at the dispenser for the tank in September 2010. A Notice of Residual Petroleum for Groundwater was filed.

# Snow Hill Well #4/4a

Greene County

PWSID: #04-40-010

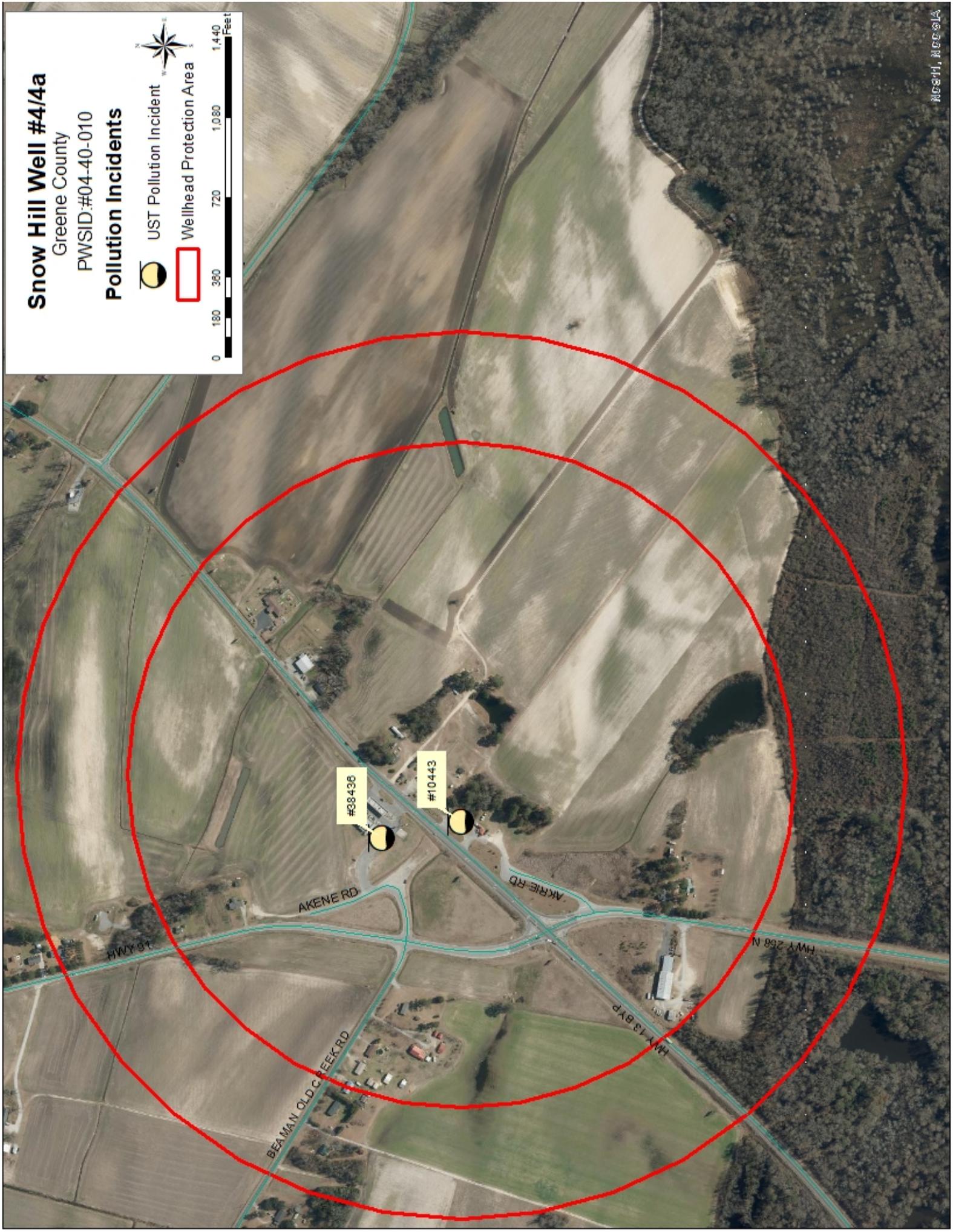
## Pollution Incidents



UST Pollution Incident



Wellhead Protection Area



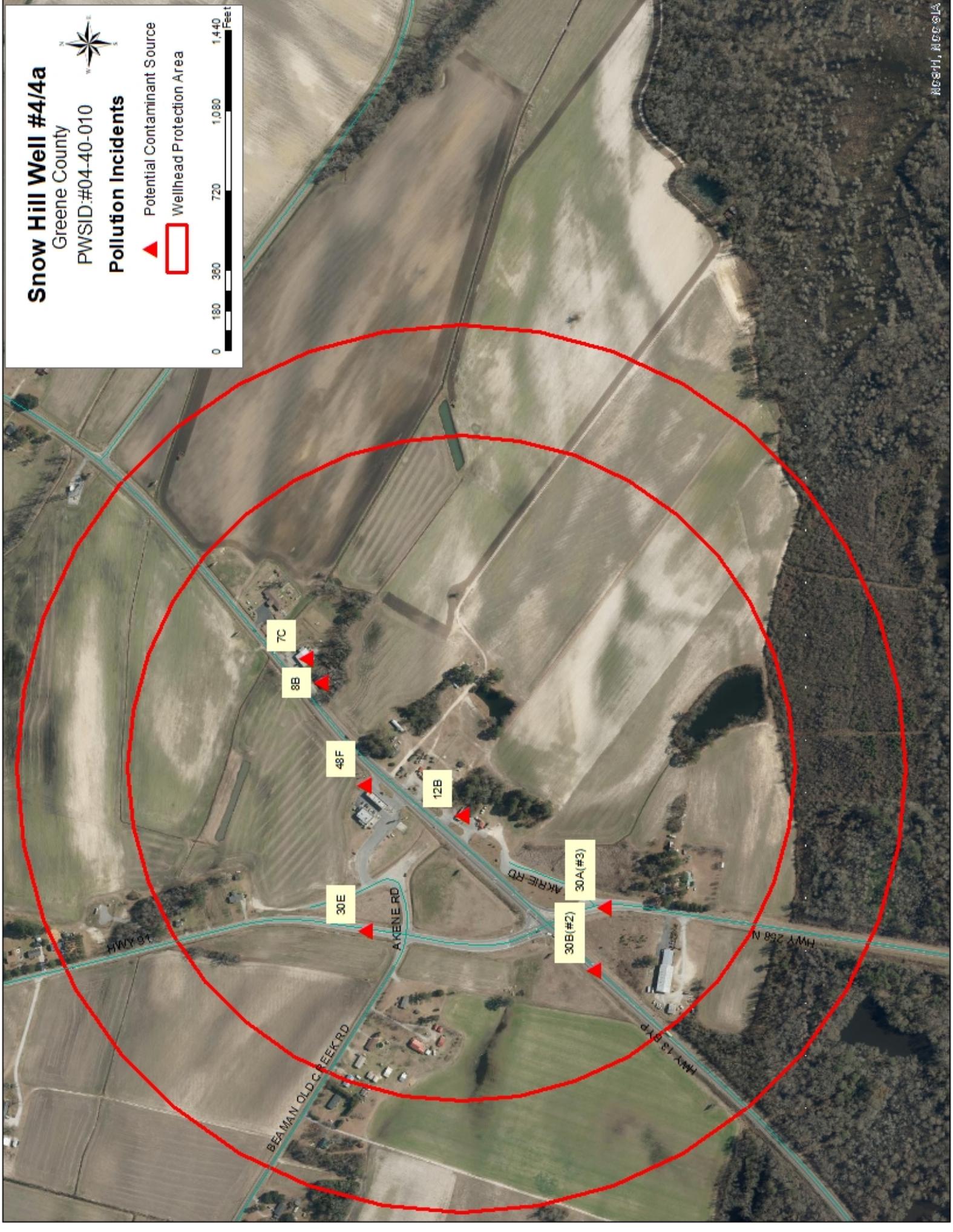
# Snow Hill Well #4/4a

Greene County

PWSID:#04-40-010

## Pollution Incidents

-  Potential Contaminant Source
-  Wellhead Protection Area



<b>WELL 5</b>			
	<b>PCS Site</b>	<b>Potential Contaminant</b>	<b>Quantity</b>
<b>Higher Risk Sources</b>			
30D(#3)	Highway 58	Spills	
<b>Moderate Risk Sources</b>			
*Not Labeled. All houses likely on Septic.	Septic tanks Along Hwy. 58 near well # 5	Biological waste	
<b>Lower Risk Sources-none</b>			

**Twins Too- Incident #38005:** Trustfund, the site is now El Charrito Del Mante. Terracon Consultants were contracted to remove a 1000 gal gasoline tank on August 14<sup>th</sup>, 2009 where a strange smell was discovered. On January 11<sup>th</sup>, 2010 and again in October, Terracon Consultants removed the contaminated soil and collected a sample. In August 2012, a Phase 1 limited site assessment was conducted and soil contamination was identified. Latest correspondence on January 17<sup>th</sup>, 2013, when a geophysical survey was completed and discovered potential UST anomalies.

\*This is a location of concern outside of the Well 5 protection area.

# Snow Hill Well #5

Greene County

PWSID: #04-40-010

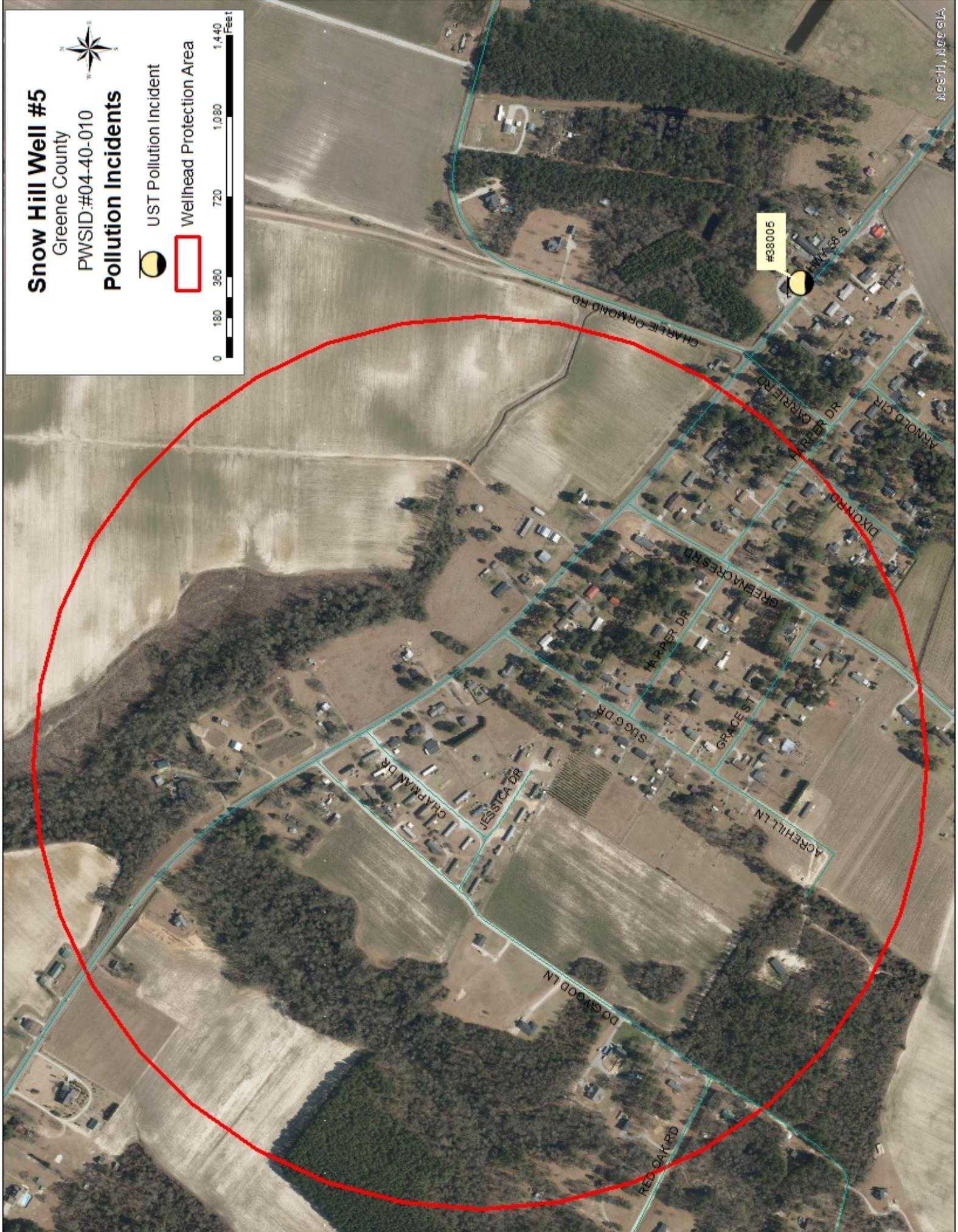
## Pollution Incidents



UST Pollution Incident



Wellhead Protection Area



# Snow Hill Well #5

Greene County

PWSID: #04-40-010

## Potential Contaminant Sources

Potential Contaminant Source



Wellhead Protection Area



## IV. Risk Assessment

A Risk Assessment for Snow Hill was conducted. For each WHPA, the PCSs were ranked according to the threat each presented to the water supply well or wells. The following method was used to rank each PCS in each WHPA:

Each PCS was assigned to a risk category of higher, moderate, or lower based on information adapted from the EPA (1993), and from the Oregon Wellhead Protection Program. Each PCS was assigned a numerical "category" score to correspond with the risk category (e.g., higher (H)-3, moderate (M)-2, lower (L)-1). Sites with known soil and/or groundwater contamination were assigned a score of "4" and a symbol of "X." Each site of potential or known contamination was then assigned a "proximity" score calculated with the following equation:

*proximity score = 1 - (distance from the well (or well center point for combined wells) / radius of the WHPA)*

The final PCS ranking was obtained by multiplying the category score by the proximity score for each potential contaminant site. This resulted in a relative ranking of each PCS within a given WHPA according to the threat it poses to the water supply well. Assessing the relative risk of contamination within each WHPA from the PCSs it contains allows for a determination of (1) which water supply wells are at greatest risk of contamination, and (2) which PCSs should be considered first with respect to wellhead protection. Once the risk assessment is carried out, priorities can be set to more effectively manage the PCSs. Table 3 on pg. 33 shows the results of this assessment.

Table 3: Well Risk Assessment

**Well Site: W01**

Map Code	PCS Site	Risk	WHP Radius	Distance	Proximity Score	Category Score	Final PCS Score
30A	Hwy 258	H	2000	174.77	0.912615	3	2.74
53A	Ham Produce	M	2000	323.17	0.838415	2	1.68
15A	Worth Products	L	2000	720.6	0.6397	1	0.64
53B	Tide Tamer	L	2000	498.26	0.75087	1	0.75
Total Risk Score							5.81

**Well Site: W02**

Map Code	PCS Site	Risk	WHP Radius	Distance	Proximity Score	Category Score	Final PCS Score
#87309	Former Parker Hannafin	X	3000	1,854.21	0.38193	4	1.53
#38596	Hulbert Property Incident	X	3000	2,729.47	0.090176667	4	0.36
#24408	Harper Property Incident	X	3000	2,836.47	0.05451	4	0.22
30B	Hwy 13	H	3000	1,806.45	0.39785	3	1.19
30D	Hwy 58	H	3000	181.16	0.939613333	3	2.82
48G	Fast Break #4	H	3000	2,597.55	0.13415	3	0.40
19A	S Connor Memorial Funeral Home	H	3000	2,624.70	0.1251	3	0.38
48B	Greene County School Bus Garage	H	3000	2,390.24	0.203253333	3	0.61
48A	202 Kingold Blvd	M	3000	635.17	0.788276667	2	1.58
2A	EMS Building	M	3000	1,648.83	0.45039	2	0.90
10A	St. Peter's FWB Church	L	3000	249.31	0.916896667	1	0.92
10B	St. James AME Zion Methodist	L	3000	912.67	0.695776667	1	0.70
30C	Hwy 903	L	3000	596.02	0.801326667	1	0.80
52A	Yamco	L	3000	1,854.21	0.38193	1	0.38
54B	Parkwood Medical Center	L	3000	1,984.35	0.33855	1	0.34
54C	Robert E. McArthur	L	3000	2,096.38	0.301206667	1	0.30
54D	Greene Dental Services	L	3000	1,643.66	0.452113333	1	0.45
Total Risk Score							13.87

**Well Site: W03**

Map Code	PCS Site	Risk	WHP Radius	Distance	Proximity Score	Category Score	Final PCS Score
#7151 and #19760	Snow Hill Service Center Incident	X	3000	2,709.97	0.096676667	4	0.39
#31518	Field's Residence	X	3000	1,440.79	0.519736667	4	2.08
#38033	Turner Residence	X	3000	2,396.89	0.201036667	4	0.80
#93198	Live Oak Trucking Co. Incident	X	3000	1,769.23	0.410256667	4	1.64
48C	Wilco 187	H	3000	238.08	0.92064	3	2.76
12A	NWL Capacitor	H	3000	831.58	0.722806667	3	2.17
7A	NAPA Auto Parts	H	3000	462.84	0.84572	3	2.54
30A(#2)	Hwy 258	H	3000	371.35	0.876216667	3	2.63
30D(#2)	Hwy 58	H	3000	553.1	0.815633333	3	2.45
#18230	Former Fast Break #3	H	3000	940.95	0.68635	3	2.06
48D	Handy Mart #64	H	3000	940.95	0.68635	3	2.06
57A	Snow Hill WWTP-Land Application	H	3000	2,297.71	0.234096667	3	0.70
7D	Autozone	H	3000	989.87	0.670043333	3	2.01
7B	Advanced Auto	H	3000	636.49	0.787836667	3	2.36
16A	Crop Production Services	H	3000	831.60	0.7228	3	2.17
48E,7E	Snow Hill Service Center	H	3000	2,709.97	0.096676667	3	0.29
10C	Snow Hill Cemetery	M	3000	744.75	0.75175	2	1.50
28A	Lift Station #1	M	3000	1,332.69	0.55577	2	1.11
8A	Rouse's body shop	M	3000	664.70	0.778433333	2	1.56
44A	Hillview Subdivision	M	3000	1,941.21	0.35293	2	0.71
9A	Black Dog Carwash	M	3000	1,208.50	0.597166667	2	1.19
2B	Elite Medical Transport	M	3000	1,184.69	0.605103333	2	1.21
28B	Lift Station #5	M	3000	2,874.07	0.041976667	2	0.08
54A	DaVita Dialysis	L	3000	1,087.56	0.63748	1	0.64
56A	Tingen Mine	L	3000	2,608.35	0.13055	1	0.13
27A	Coin Laundry	L	3000	2,709.97	0.096676667	1	0.10
Total Risk Score							37.34

**Well Site: W04**

Map Code	PCS Site	Risk	WHP Radius	Distance	Proximity Score	Category Score	Final PCS Score
#10443	Serv-All Station Incident	X	2000	207.26	0.89637	4	3.59
#38436	Wilco Hess 326 Pollution Incident	X	2000	414.78	0.79261	4	3.17
30A(#3)	Hwy 258	H	2000	272.65	0.863675	3	2.59
30B(#2)	Hwy 13	H	2000	977.84	0.51108	3	1.53
12B	Printworks	H	2000	205.81	0.897095	3	2.69
8B	Cannon's body shop	H	2000	728.04	0.63598	3	1.91
7C	Stroud's body/Head's repair	H	2000	827.09	0.586455	3	1.76
48F	Trade Wilco 326	H	2000	414.78	0.79261	3	2.38
30E	Hwy 91	M	2000	796.39	0.601805	2	1.20
Total Risk Score							<u>20.82</u>

**Well Site: W04a**

Map Code	PCS Site	Risk	WHP Radius	Distance	Proximity Score	Category Score	Final PCS Score
#10443	Serv-All Station Incident	X	1500	207.26	0.861826667	4	3.45
#38436	Wilco Hess 326 Pollution Incident	X	1500	414.78	0.72348	4	2.89
30A(#3)	Hwy 258	H	1500	272.65	0.818233333	3	2.45
30B(#2)	Hwy 13	H	1500	977.84	0.348106667	3	1.04
12B	Printworks	H	1500	205.81	0.862793333	3	2.59
8B	Cannon's body shop	H	1500	728.04	0.51464	3	1.54
7C	Stroud's body/Head's repair	H	1500	827.09	0.448606667	3	1.35
48F	Trade Wilco 326	H	1500	414.78	0.72348	3	2.17
30E	Hwy 91	M	1500	796.39	0.469073333	2	0.94
Total Risk Score							<u>18.43</u>

**Well Site: W05**

Map Code	PCS Site	Risk	WHP Radius	Distance	Proximity Score	Category Score	Final PCS Score
30D(#3)	Hwy 58	H	2000	394.83	0.802585	3	2.41
N/A	Closest potential septic by imagery	M	2000	130.32	0.93484	2	1.87
Total Risk Score							<u>4.28</u>

## Risk Assessment Summary

Below are the wells ranked in order from most at risk to least at risk based on the total risk scores.

1. Well 3: 37.34 risk score
2. Well 4: 20.82 risk score
3. Well 4a: 18.43 risk score
4. Well 2: 13.87 risk score
5. Well 1: 5.81 risk score
6. Well 5: 4.28 risk score

As shown in **table 3** on page 33, Well 3 has a total score of 37.34, which makes it the most vulnerable. Well 3 is located near many auto parts stores, a significant number of pollution incidents, and has a much larger concentration of potential contaminant sources than any other well. Well 4 is the second most vulnerable, with a score of 20.82. This well is located near many highways and auto shops. Well 4a is right behind with a total score of 18.43. While this well had the same contaminants as well 4, the radius was smaller, which created a different score. Well 2 is the fourth most vulnerable at a total score of 13.87, which is due to a variety of different sources including, but not limited to, cemeteries, travel corridors, and USTs. Well 1 is next with 5.81 and primarily manufacturing potential contaminants. Well 5 is the least vulnerable of the wells with a score of 4.28.

## Vulnerability Assessment

A Source Water Assessment Program (SWAP) Report has been made available for the Town of Snow Hill by the NC Public Water Supply Section. Water sources can be threatened by many potential contaminant sources, including permitted wastewater discharges, underground storage tanks, urban storm water runoff, or other types of non-point source contamination such as runoff produced by agricultural activities and land clearing for development. A source water assessment is a qualitative evaluation of the potential of a drinking water source to become contaminated by the identified potential contaminant sources (PCSs) within the delineated area. A SWAP Report consists of an assessment area delineation, a potential contaminant source inventory and map, a susceptibility rating, maps, tables and a detailed description of North Carolina's SWAP approach. The Town's water source is six groundwater wells, all of which (except for Well 3, which is used for emergencies) have been assigned a qualitative susceptibility rating of Moderate or Lower, based on a contaminant rating of Moderate or Lower and an inherent vulnerability rating of Moderate or Lower as seen in the **Table 4**. The rating process is described in detail in Sections 3 and 6 of the SWAP Report. The Town of Snow Hill's entire SWAP Report for September 12<sup>th</sup>, 2017 can be found on the PWS website,

SOURCE NAME	INHERENT VULNERABILITY RATING	CONTAMINANT RATING	SUSCEPTIBILITY RATING
BEAMON WELL #4	Lower	Lower	Lower
INDUS PARK WELL #1	Lower	Lower	Lower
KINGOLD WELL #2	Lower	Moderate	Moderate
TYSON WELL #5	Lower	Lower	Lower
WELL #4A	Moderate	Lower	Moderate

**Table 4: Snow Hill SWAP Vulnerability, September 12<sup>th</sup>, 2017**

The entire SWAP report including explanations for ratings can be found at:  
[https://www.ncwater.org/files/swap/SWAP\\_Reports/0440010\\_9\\_12\\_2017\\_85\\_11.pdf](https://www.ncwater.org/files/swap/SWAP_Reports/0440010_9_12_2017_85_11.pdf)

## V. Management of the Wellhead Protection Area

There are two methods of managing a Wellhead Protection Area. They are regulatory and non-regulatory. The Town of Snow Hill has chosen a **non-regulatory** approach, which will include the following:

A Wellhead Protection Brochure (tri-fold) will be delivered to each resident, business, agricultural operation and industry within the Wellhead Protection Area. Copies of this brochure will be made available at Town Hall and other locations deemed necessary for public education on Wellhead Protection. In general, the brochure will convey to each citizen/business the following information:

- An explanation of what groundwater is and the number of wells in their particular system,
- An explanation of the Wellhead Protection Program,
- Source of groundwater pollution,
- Tips on protecting their water supply,
- Information on proper disposal of household hazardous wastes and oils (i.e., not disposed of through septic systems, pouring on ground, or through regular garbage collection)
- Information of proper use of fertilizers, herbicides, and pesticides,
- Information on household hazardous waste collection opportunities,
- Information on proper maintenance of heating oil tanks and septic systems, and  
Phone numbers to contact for more information

The Town of Snow Hill will provide information to each business, industry, and farm located with the WHPAs on waste handling practices, best management practices, standard operating procedures, and waste oil disposal methods which could be employed to reduce the potential for ground water contamination. The Town of Snow Hill will also provide information regarding the North Carolina Division of Environmental Assistance and Customer Service (DEACS) to each business, industry, and farm located within the WHPA. Owners/operators of potential contamination sources will be encouraged to contact the DEACS. The DEACS provides free technical and other non-regulatory assistance to reduce the amount of waste released into the air and water and on the land. The DEACS serves as a central repository for waste reduction and pollution prevention information. The DEACS emphasizes waste reduction through pollution prevention, encourages companies and government agencies to go beyond compliance, and provides information about the environmental permitting process. This information is provided at no charge to North Carolina businesses, industries, government agencies, and the general public upon request. For additional information, the DEACS may be contacted at (877) 623-6748 or (919) 707-8100.

Personnel at Town owned and/or operated facilities will be educated on Wellhead Protection and steps they can take to reduce the potential for contamination (e.g., information about best management practices, standard operating procedures, waste handling practices, etc.). The Town of Snow Hill will also contact the State Division of Environmental Assistance and Customer Service (DEACS) to investigate steps that the Town can take to reduce the amount of waste released into the air and water and on the land at Town owned and/or managed facilities.

Owners of improperly constructed/abandoned wells identified within the WHPAs will be provided information regarding the threat posed to the water supply by these wells. Owners of improperly constructed/abandoned wells will be encouraged to have these wells properly abandoned in accordance with N.C.'s well construction standards found at 15A NCAC 2C.0100, "Criteria and Standards Applicable to Water Supply and Certain Other Wells". If information exists that a well is improperly constructed or is contributing to the contamination of groundwater, the Town of Snow Hill will notify the Division of Water Resources.

All owners/operators of regulated underground storage tanks (USTs) and other facilities subject to federal and/or state regulations located within the WHPA will be requested to supply documentation that their facility is in compliance with said regulations. Operators of UST's will be asked to supply the Town with a copy of their UST permit. If any UST sites are found to be non-compliant, the Underground Storage Tank Section of the State Division of Waste Management will be notified.

If an abandoned UST site is found, the Town will contact the North Carolina Division of Waste Management, UST Section, to determine if a closure report was submitted demonstrating that no soil or groundwater contamination was identified during the removal of UST's. If a closure report was not submitted, the Town of Snow Hill will notify the UST Section of the location of the facility within the WHPA and its proximity to a public water supply well.

For soil or ground-water contamination incidents occurring within the WHPAs, the Town of Snow Hill will contact the State agencies with oversight responsibilities for remediation to determine if remediation efforts are proceeding in a timely fashion and in accordance with any schedules established by these agencies. Through this process, the Town will bring to the attention of the State agencies with oversight responsibilities for remediation any failures by the responsible parties to comply with required monitoring and corrective action. The Town of Snow Hill will also notify the State agencies with oversight responsibilities for remediation of the location of the facilities within the WHPAs and their proximity to a public water supply well. The Town of Snow Hill will also contact the State agencies with oversight responsibilities for the contamination incidents and notify them of the locations of any sites issued notices of "No-Further Action" occurring within the WHPAs and will request a review of this assessment.

**No Further Action (NFA):** For certain petroleum UST releases, a determination that no further action is required to assess or remediate soil and/or groundwater. For all releases the responsible party is required to restore soil and groundwater quality to concentration levels that are equal to or less than the standards established by State groundwater classification and water quality standards (15A NCAC 2L) before being granted No Further Action status. For the majority of releases, the groundwater contamination must be remediated, using one or more technologies, to these standard levels. However, for some releases, if stringent requirements are met, the contamination may be allowed to naturally attenuate to the standard levels or to be remediated actively to alternate concentration levels and then allowed to attenuate to the standard levels.

The Town of Snow Hill provides trash and recycle pick-up for residents. The Greene County Public Works Department provides solid waste and recycling services to county residents through the operation of six (6) convenience centers and a construction and demolition debris landfill. The landfill accepts used motor oil for recycling and used batteries for disposal. The North Carolina Cooperative Extension Service holds a hazardous waste collection day in Greene County every year and accepts pesticides and other wastes for disposal. Information about this service will be obtained and made available to those residents and agricultural operations within the WHPA.

All farms, residents, businesses, and industries in the WHPAs with septic tanks and heating oil tanks will be distributed a copy of the Wellhead Protection Brochure and any other information the Town can obtain from County and/or State agencies on proper septic tank and heating oil tank maintenance.

All businesses in the Wellhead Protection Area that produce auto wastes (oils, acids, anti-freeze, etc.) will be provided information on waste handling practices, best management practices, standard operating procedures, and waste oil disposal methods which could be employed to reduce the potential for ground water contamination. They will also be provided with information regarding the North Carolina Division of Environmental Assistance and Customer Service (DEACS). Owners/operators of these facilities will be encouraged to contact the DEACS.

The Town of Snow Hill uses telemetry to monitor its wastewater lift stations and they are inspected weekly. The wastewater collection system is inspected yearly.

The Town of Snow Hill will contact all agricultural operations within the WHPAs with pesticide storage or otherwise involved with the application of pesticides to ensure that they are pesticide operators licensed by the State of North Carolina and that proper records are maintained to ensure that all NC Pesticide Laws are adhered to. The Town of Snow Hill will provide information to these facilities or agricultural operations on waste handling practices, best management practices, standard operating procedures, and proper waste disposal methods which could be employed to reduce the potential for ground water contamination. These facilities will also be provided with information regarding the North Carolina Division of Pollution Prevention and Environmental Assistance (DEACS).

The Town of Snow Hill will notify any individual, industry, business, or government agency installing or planning to install a regulated underground storage tank within the Town's wellhead protection area of the following regulation: North Carolina Underground Storage Tank (UST) Regulation 15A NCAC 2N .0301 stipulates specific siting and secondary containment requirements for UST systems installed after January 1, 1991. The rule is summarized as follows:

(1) No UST system may be installed within 100 feet of a public water supply well or within 50 feet of any other well used for human consumption.

(2) Secondary containment is required for UST systems within 500 feet of a well serving a public water supply or within 100 feet of any other well used for human consumption.

Violations of this regulation will be reported to the Division of Waste Management, Underground Storage Tank Section. The UST Section will also be notified of the location of the facility within the WHPA and its proximity to a public water supply well or any other well used for human consumption.

A regulated UST system is any underground storage tank and associated piping that contains petroleum (including gasoline, diesel and used oil) or a hazardous substance as defined by the State rules (15A NCAC 2N). Tanks containing heating oil for use on the premises where stored are not regulated.

Owners of above ground storage tanks (ASTs) containing oil with a volume greater than 660 gallons or a combination of ASTs with a aggregate volume greater than 1320 gallons are subject to the Oil Pollution Prevention regulations contained in Federal Regulations found at 40 CFR 112. In most cases, these facilities must prepare and implement a Spill Prevention Control and Countermeasures (SPCC) Plan. The Town of Snow Hill will verify the compliance status with regard to this regulation of each subject AST located within the WHPAs. Facilities with subject ASTs found not to be in compliance with this regulation will be notified of their regulatory responsibility under this regulation and notify the NC Department of Environmental Quality, UST Section.

The Town of Snow Hill will contact the Division of Water Resources regarding facilities permitted to discharge wastewater to the land surface (Non-NPDES Permitted Facilities) to determine if any such operations located within the WHPA are in compliance with applicable regulatory and permit requirements pertaining to environmental protection such as routine monitoring and reporting requirements. Notification will be made to the Division of Water Resources if it is determined that the facility has failed to maintain compliance with any regulatory and/or permit requirements pertaining to environmental protection such as routine monitoring and reporting requirements.

The Town of Snow Hill will contact the Division of Water Resources regarding facilities with NPDES permits to determine if all such NPDES discharges are in compliance with applicable regulatory and permit requirements pertaining to environmental protection such as routine monitoring and reporting requirements. Notification will be made to the Division of Water Resources if it is determined that the facility has failed to maintain compliance with any regulatory and/or permit requirements pertaining to environmental protection such as routine monitoring and reporting requirements.

Animal waste operations permitted by the state (hog farms) are required to have operation and management plans. The Town of Snow Hill will verify that the animal waste operations have valid permits and management plans by contacting NCDEQ during the periodic updates of the wellhead protection plan. Animal waste operations will be mailed information regarding best management practices, prevention of lagoon overflows, and other pertinent material to protect groundwater.

Poultry farms with greater than 30,000 birds are required to have waste management plans. However, land application of the poultry waste is not regulated. Poultry farms will be mailed information regarding best management practices, establishment of buffer zones away from surface water, and other pertinent material to protect ground water.

The Town will also coordinate with the Pesticide Disposal Assistance Program (PDAP) to provide information about proper disposal of pesticides. The PDAP is a consumer services program in the North Carolina Department of Agriculture and Consumer Services. The PDAP, part of the Structural Pest Control and Pesticides Division, is a NON-REGULATORY program that provides cost-free assistance to farmers and homeowners. The goal of the Pesticide Disposal Assistance Program is to assist these citizens of North Carolina by managing and supervising the safe collection and lawful disposal of banned, out-dated, or unwanted pesticides. Additional information about the PDAP along with the current collection schedule can be located at:  
<http://www.ncagr.gov/SPCAP/pesticides/pdap/>

The Town of Snow Hill will provide information to each business, industry, and farm located within the WHPA on chemical storage practices, best management practices for handling and disposal of chemicals, and resources for the development of spill response plans. Operators/owners of potential contaminant sources which store hazardous chemicals will be encouraged to follow all OSHA regulations and standards including proper labeling of chemicals,

proper chemical storage and handling practices, and maintaining records of Safety Data Sheets (SDS) for all chemicals onsite. Businesses, industries, and agricultural operations who employ staff will be encouraged to train their employees on the proper handling and disposal of all hazardous chemicals. All owners/operators of potential contaminant sites which use, store, or handle hazardous chemicals will be provided with a contact name and number for the Town of Snow Hill for reporting any chemical release or spill to the ground surface or if damage is found to any sewage or drain lines or chemical storage disposal containers that could potentially cause a contamination event. In the event of any large chemical release reported, the Town will contact the NC Hazardous Materials Fayetteville Regional Response Team at (910) 433-1731 or the dispatch number at (910) 433-1911.

The Town of Snow Hill will conduct an onsite inspection of Crop Production Services annually to monitor information on manufacturing processes, chemicals, and proper safety and handling. As long as this facility is registered as a Tier II site, Crop Production services is subject to reporting requirements outlined by the NC Tier II Administration of the North Carolina Division of Emergency Management. Should a hazardous material spill occur, the management strategy for Hazardous Materials located directly above will be followed. Crop Production Services will receive information regarding best management practices by mail. The owner(s)/operator(s) of this facility will be encouraged to contact DEACS.

The Town of Snow Hill will conduct an onsite inspection of NWL Capacitor annually to monitor information on manufacturing processes, chemicals, and proper safety and handling. As a Resource Conservation and Recovery Act (RCRA) permittee, this facility is subject to regulations by the Division of Waste Management, Hazardous Waste Section. Should a hazardous material spill occur, the procedure for Hazardous Waste at the top of this page (and bottom of pg. 39) will be followed. NWL Capacitor will receive information regarding best management practices by mail. The owner(s)/operator(s) of this facility will be encouraged to contact DEACS.

With regards to the Septic Tanks and Hillview Subdivision, the Town of Snow Hill will request a formal assessment of the situation by sanitary inspection from the Greene County Director of Health. Should the systems be in violation and/or expelling waste that does not reach the waters of the State, the Town of Snow Hill will notify both the Washington Regional Office of the NCDEQ and Greene County Environmental Health services. Should the systems be in violation and/or expelling waste that does reach the waters of the State, the Town of Snow Hill will notify the Division of Water Resources.

The Town of Snow Hill will properly maintain their biosolid land application sites and follow the guidelines set by 40 CFR part 503 regulations. Proper records of biosolid permitting and method of pathogen/vector attraction reduction will be kept. Should annual inspections reveal any violations, the Town of Snow Hill will make timely adjustments to ensure that a consistently high quality of biosolids are being produced for each application.

## VI. Contingency Plan

The primary person responsible for implementing the emergency contingency plan is the Director of Public Works. The back-up person responsible for implementation is the Operator in Responsible Charge. The WPC may be involved in decision-making in the event that response actions are required.

### Short Term Contingency Plan (less than 48 hours)

The Town of Snow Hill's water system has a total combined storage capacity of 750,000 gallons. Its average daily usage is approximately .215 mgd. This confirms that the system has enough water stored for 72+ hours of use under normal operating conditions. The Town of Snow Hill maintains interconnections with the Greene County Water System (PWSID #: 04-40-106), Farmville Water System (PWSID # 04-74-020), and North Lenoir Water Corporation (PWSID #: 04-54-025) used for the purchase or sale of water during emergencies. With the occurrence of a brief power outage, the Town of Snow Hill will operate from the stored water supply. If the water supply reaches the point of low pressure, the Town will utilize its interconnection with either Greene County Water System, Farmville Water System, or North Lenoir Water Corporation. Well # 2 can be operated by a fixed generator and a portable generator is also available. Minor contamination events (e.g. sulfur dioxide, discolored water due to manganese, iron or sediment) would require the Town to isolate the contaminated section of the distribution system and flush the section thoroughly.

### Long Term Contingency Plan

If one or more of Snow Hill's wells were to become contaminated, they would be isolated from the rest of the public water supply system by shutting the well pump off. If evidence exists that a well is contaminated, it will immediately be taken off line and not returned to service until it is determined that water quality from the impacted well is in compliance with standards governing public water supplies. If it was determined that contaminated water had entered the distribution system, the local television and radio stations would be notified to run public service announcements stating that the water should not be consumed until further notice is given. A Code Red emergency phone system would be utilized, as well as newspaper notification and door tag notification if necessary. The Public Water Supply Section of NCDEQ would be notified immediately of the situation and assistance would be requested to help ensure safe drinking water for the residents of Snow Hill. The next step would be to determine if all or part of the distribution system was affected by the contaminant through testing and sample analysis. The testing performed would be determined by what the contaminant was thought to be (e.g. bacteriological, SOCs, VOCs, etc.) If only a portion of the system was affected, that portion would be isolated from the rest of the system by closing valves around the contaminated section. The affected portion, or the entire system if necessary, would be systematically flushed and purged until sample results showed the contaminant was no longer present. Once sample analysis (e.g. bacteriological, SOCs, VOCs, etc.) showed the contaminant was no longer present in the public water supply system, and after consultation with the Public Water Supply Section of NCDEQ, the local television and radio stations would be notified to run public service announcements that Snow Hill's water supply was once again safe for consumption. Boil water advisories would be used throughout this contamination incident in accordance with state regulations.

It is highly unlikely that all systems connecting to Snow Hill, including Snow Hill itself, would become contaminated simultaneously; however, should simultaneous contamination of all water sources occur, the NC Army National Guard (312 S. East Second St.) in Snow Hill could be contacted for assistance.

Should a major oil or chemical spill occur within the Wellhead Protection Area, appropriate emergency agencies will be notified. The first agencies contacted will be the Snow Hill Fire Department and Greene County Emergency Services.

**Snow Hill Fire Department: 911**

**Greene County Emergency Services: 252-747-2544**

Additional emergency contact numbers and resources are listed below on pg. 41.

**Emergency Contact Numbers and Additional Resources:**

<b>Name</b>	<b>Resource</b>
Primary person responsible for implementing emergency contingency plan Dana Hill 252-939-5051	Emergency Response
Secondary person Chris Tedder 252-939-5004	Emergency Response
Public Water Supply Section 1634 Mail Service Center Raleigh, NC 27699-1634 919-715-2853	Technical Assistance Regulatory guidance
NC Department of Environmental Quality, Washington Regional Office 193 Washington Square Mall Washington, NC 27889 252-946-6481	Regional Water Quality Section, Public Water Supply Section, UST Section, Hazardous Waste Section Spills, Regulatory information and technical assistance
Department of Transportation Division Engineer Mary Beth Houston 1561 Mail Service Center Raleigh, North Carolina 27699-1561 252-514-4716	Division 2, District 3
NC Army National Guard 312 S. East Second St. Snow Hill, North Carolina 28580 252-747-3428	Emergencies, as available: Generators, 400-gallon water trailers, bottled water, transportation
NC Rural Water Association Post Office Box 590 Welcome, NC 27374 336-731-6963	Technical assistance Education
North Carolina Cooperative Extension Service Campus Box 7602 North Carolina State University Raleigh, NC 27695-7602 919-515-2811 <a href="http://www.bae.ncsu.edu">www.bae.ncsu.edu</a>	Educational brochures, publications
US EPA Regional Office AST/SPCC Program Region IV 61 Forsyth Street Atlanta, GA 30365-3415 404-562-8761 <a href="http://www.epa.gov/oilspill">www.epa.gov/oilspill</a>	Above ground storage tank information
US EPA Regional Office GW & UIC Section Region IV Atlanta Federal Center 61 Forsythe St. Atlanta, GA 30303-8960 <a href="http://www.epa.gov">www.epa.gov</a>	Educational brochures, publications
NC Division of Environmental Assistance and Customer Service (DEACS)	Technical and non-regulatory assistance to reduce waste

1639 Mail Service Center Raleigh, NC 27699-1639 877-623-6748 <a href="http://ncenvironmentalassistance.org/">http://ncenvironmentalassistance.org/</a>	
National Small Flows Clearinghouse West Virginia University Post Office Box 6064 Morgantown, WV 26506-6064 800-624-8301 <a href="http://www.nesc.wvu.edu/nsfc/nsfc_index.htm">http://www.nesc.wvu.edu/nsfc/nsfc_index.htm</a>	Pamphlets, brochures, training aids

## **VII. Implementing, Maintaining, and Updating the WHP Plan**

### **Public Participation**

This plan will be available for public review during a 30 day comment period by visiting the Snow Hill Town Hall. The Town of Snow Hill will post a notice in the local newspaper explaining to its customers what a Wellhead Protection Program is and how they have the opportunity to review the proposed WHPP and make comments. Any substantive comments received from the public will be considered for inclusion into the final version of the Town of Snow Hill's WHPP. An example of the Public Notification for the intended implementation of this Wellhead Protection Plan is located in the appendix.

### **New Public Water Supply Wells**

The Town of Snow Hill will amend its Wellhead Protection Plan to include any new well(s) added to its water system. The following steps will be taken to address any new wells added to the water system.

1. Develop a preliminary WHPA for the proposed well in order to determine the area of vulnerability.
2. Develop a contaminant source inventory for the preliminary WHPA.
3. Submit the information obtained in items 1 and 2 above to the Wellhead Protection Committee identified in Section 1. Any information required by the Public Water Supply Section (PWSS) relating to the development and construction of new public water supply (PWS) wells must also be submitted.
4. If the Wellhead Protection Committee grants provisional approval of the proposed WHP Plan and the PWSS grants approval to construct or expand the PWS well or well system, then work may proceed with well construction.
5. Finalize the WHPA delineation for the new well.
6. Finalize the contaminant source inventory for the WHPA.
7. Submit finalized WHPA and contaminant source inventory to the Wellhead Protection Committee.
8. Once approval is received, implement any necessary regulatory and or non-regulatory potential source management practices.
9. Submit the amended WHP Plan and all necessary supporting information to the PWSS for review and approval.

### **Future Wellhead Protection**

The Town of Snow Hill is aware that an effective local Wellhead Protection (WHP) Program is an ongoing process requiring monitoring of the Wellhead Protection Area (WHPA) and periodic review and updating of an approved WHP plan. Therefore, Snow Hill's WPC will monitor the Wellhead Protection Area (WHPA) for any new or previously unidentified potential contaminant sources (PCSs) and activities occurring within the approved WHPA. The Town will amend the PCS inventory and other plan components (e.g. the management strategies, emergency contingency plan, etc.) as necessary to incorporate any new threats to the systems groundwater source of drinking water. Additionally, the PCS inventory will be updated annually using the same procedures used to develop the original PCS inventory. The Town will also fully update the WHP Plan every five years or at any time a new well is constructed for use with the Town's water supply system or a major land use change occurs within a WHPA. The individual(s) responsible for implementation of the WHP Plan will submit notification to the Public Water Supply Section annually upon completion of the PCS inventory update or immediately following the completion of a major revision. Any amended or revised sections of the approved WHP Plan resulting from an update or revision will also be submitted upon completion.

## **APPENDIX**

**Pg. 45 Glossary**

**Pg. 46 References**

**Pg. 47-50 Database References**

**Pg. 51-52 1993 Oregon Wellhead Contamination Categories**

**Pg. 53-54 Brochure**

**Pg. 55 Recycling centers**

**Pg. 56-57 Tier II facility list**

**Pg. 58-96 Surveys**

**Pg. 97-102 Well construction records**

**Pg. 103 Example of public notice**

## **Glossary of acronyms and abbreviations**

AST-Above ground Storage Tank  
BQL-Below Quantitation Limits  
CAP-Corrective Action Plan  
DEACS-Division of Environmental Assistance and Customer Service  
DWM-Division of Waste Management  
DEQ-Department of Environmental Quality  
EPA-Environmental Protection Agency  
GPD-gallons per day  
Gpm-gallons per minute  
NCDEH-North Carolina Department of Environmental Health  
NCDENR-North Carolina Department of Environment and Natural Resources  
NOV-Notice of Violation  
NPDES-National Pollutant Discharge Elimination System  
PCS-Potential Contamination Source  
Ppb-parts per billion  
Ppm-parts per million  
PWS-Public Water Supply  
PWSS-Public Water Supply Section  
SOC-Semi-volatile Organic Compound  
SPCC-Spill Prevention Control and Countermeasures  
UIC-Underground Injection Control  
UST-Underground Storage Tank  
VOC-Volatile Organic Compound  
WaRO-Washington Regional Office  
WHPA-Wellhead Protection Area  
WHPP-Wellhead Protection Program  
WPC-Wellhead Protection Committee

## References

North Carolina Department of Environment and Natural Resources, Division of Environmental Health, Public Water Supply Section, The North Carolina Wellhead Protection Guidebook, Developing a Local Wellhead Protection Program, 2003

North Carolina Department of Environment and Natural Resources, Division of Environmental Health, Public Water Supply Section – Source Water Assessment Program Report, May 16, 2007

Winner, Jr. M. D., Coble, R.W. (1996). Hydrogeologic Framework of the North Carolina Coastal Plain. U.S. Geological Survey Professional Paper 1404-I. United States Government Printing Office, Washington

Smutko, L. Steven, Danielson, Leon E., Jennings, Gregory D., (1995). Protecting Local Underground Water Supplies, The North Carolina Wellhead Protection Guidebook, North Carolina Department of Environment, Health and Natural Resources, Division of Environmental Management, Raleigh, North Carolina, Approved March 20, 1995.

North Carolina Department of Environment and Natural Resources, Division of Environmental Health, Division of Waste Management - UST Section, Department of Environmental Quality- Aquifer Protection Section, Washington Regional office

SWAPInfo 2.0: <http://nc.maps.arcgis.com/apps/webappviewer/index.html?id=d93b2cf7732340399fb7df5b3ff5c287>

Envirofacts: <https://www3.epa.gov/enviro/>

## Databases Referenced in Search

### Animal Operations

This database contains permitted facilities for animal operations consisting of swine, cattle, poultry and horse farms that are required to have Certified Animal Waste Management Plans (CAWMP). Animal operations are defined by General Statute 143-215.10B as feedlots involving more than 250 swine, 100 confined cattle, 75 horses, 1,000 sheep, or 30,000 poultry with a liquid waste management system.

Division of Water Resources (DWR) rules mandate that all facilities in operation prior to January 1, 1994 register with the division. Since January 1, 1994 any new facilities were required to obtain a CAWMP before starting their animal operation. In addition, any facilities in operation prior to January 1, 1994 were required to obtain a CAWMP by December 31, 1997. As of January 1, 1997 all new facilities were required to obtain a permit from DWR prior to construction and be certified prior to startup, and all existing facilities were to be permitted by DWR over the next 5 years.

Data was obtained from the Division of Water Resources, Regional Operations Section, Animal Feeding Operations Branch in January of 2015. For additional information about this data, contact the Animal Feeding Operations staff by phone at 919-807-6464 or click here:

<http://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/animal-feeding-operation-permits/afo-program-summary> to visit their web site.

### CERCLIS Sites

The Superfund program was created by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and amended by the Superfund Amendments and Reauthorization Act. The acts established authority for the government to respond to the release/threat of release of hazardous wastes, including cleanup and enforcement actions. The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) is a database used by the U.S. Environmental Protection Agency to track activities conducted under its Superfund program. CERCLIS contains data on potentially hazardous waste sites that have been reported to the EPA. Sites investigated because of a potential for releasing hazardous substances into the environment are added to the CERCLIS inventory. EPA learns of these sites through notification by the owner, citizen complaints, state and local government identification, and investigations by EPA programs other than Superfund.

For additional information about this data, contact the Superfund Section by phone at 919-707-8329 or click here to visit their web site:

<https://deq.nc.gov/about/divisions/waste-management/superfund-section/federal-remediation-branch>

### National Priority List Sites

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), amended by the Superfund Amendments and Reauthorization Act, created the Superfund program. The acts established authority for the government to respond to the release/threat of release of hazardous wastes, including cleanup and enforcement actions. Long-term cleanups at National Priority List (NPL) sites last more than a year while short term /emergency cleanups are usually completed in less than a year. Sites are listed on the NPL upon completion of a Hazard Ranking System (HRS) screening, public solicitation of comments about the proposed site, and after all comments have been addressed. Section 105(a)(8)(B) of CERCLA, as amended, requires that the statutory criteria provided by the HRS be used to prepare a list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States. This list, which is Appendix B of the National Contingency Plan, is the NPL.

The identification of a site for the NPL is intended to guide EPA in determining which sites warrant further investigation to assess the nature and extent of the human health and environmental risks associated with a site, identifying what CERCLA-financed remedial actions may be appropriate, notifying the public of sites EPA believes warrant further investigation; and serving notice to potentially responsible parties that EPA may initiate CERCLA-financed remedial action. Inclusion of a site on the NPL does not in itself reflect a judgment of the activities of its owner or operator, it does not require those persons to undertake any action, nor does it assign liability to any person. The NPL serves primarily informational purposes, identifying for the States and the public those sites or other releases that appear to warrant remedial actions.

For additional information about this data, contact the program by phone at 404-562-9634 or click here <https://www.epa.gov/superfund/search-superfund-sites-where-you-live> to visit their web site.

## Non-Discharge Permits

The non-discharge database identifies industrial and municipal facilities that are permitted to operate any sewer system, treatment works, disposal system, petroleum contaminated soil treatment system, animal waste management system, storm water management system or residual disposal/utilization system which does not discharge to surface waters of the state, including systems which discharge waste onto or below land surface.

For additional information about this data, contact the unit staff by phone at 919-807-6453 or click here <http://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/non-discharge-permitting> to visit their web site.

## NPDES Permits

The National Pollutant Discharge Elimination System (NPDES) database identifies facilities permitted for the operation of point source discharges to surface waters in accordance with the requirements of Section 402 of the Federal Water Pollution Control Act. Point sources are discrete conveyances such as pipes or man-made ditches. Industrial, municipal, and other facilities must obtain permits if their discharges go directly to surface waters. The NPDES permit program controls water pollution by regulating point sources that discharge pollutants into public waters.

For additional information about this data, contact the program staff by phone at 919-807-6300 or click here to visit their web site:

<http://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/npdes-wastewater-permits>

## Old Landfill Sites

Locations of non-permitted landfills that closed prior to January 1, 1983, when waste disposal permitting regulations commenced. These sites are not currently in operation.

For additional information about this data, contact the Division of Waste Management staff by phone at 919-707-8200 or click here <http://portal.ncdenr.org/web/wm/sf/ihs/ihsoldlf> to visit their web site. Since 2000 the IHSB has conducted a geographic inventory of the old landfills in 46 counties throughout North Carolina. Although they are working to inventory the old landfill sites statewide, the geographic locations of these sites in the remaining counties are much less reliable. You may contact the IHSB for a list of the 46 counties.

## PCB Sites

This database identifies generators, transporters, commercial storers and/or brokers and disposers of Polychlorinated Biphenyls (PCBs). Concern over the toxicity and persistence in the environment of PCBs resulted in the Toxic Substances Control Act (TSCA) that prohibited the manufacture, processing, and distribution in commerce of PCBs. Thus, TSCA legislated true "cradle to grave" (i.e., from manufacture to disposal) management of PCBs in the United States. PCBs are mixtures of synthetic organic chemicals with the same basic chemical structure and similar physical properties ranging from oily liquids to waxy solids. Due to their non-flammability, chemical stability, high boiling point and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications including electrical, heat transfer, and hydraulic equipment, plastics and rubber and many other applications.

For additional information about this data, contact the PCB staff at 404-562-8512 or click here: <https://www.epa.gov/pcbs/learn-about-polychlorinated-biphenyls-pcbs> to visit their web site.

This data was processed additionally in the following manner:

## Pollution Incidents

This database contains information regarding the release of pollutants into the environment that have or are likely to have, impact on the ground water resources of the State. The initial information regarding these releases is usually obtained from concerned citizens or responsible parties, who report a release to the Department of Environmental Quality. After an incident is reported, regional office staff investigate the reported incident and enter the results of their investigation into a statewide database. This database contains an inventory of reported incidents from leaking underground storage tanks and sites contaminated with dry cleaning solvents. Substances released into the environment include gasoline and solvents used in the dry cleaning process.

There are two main sources for this data. The Division of Waste Management, Underground Storage Tank Section provided information on the pollution incidents that resulted from a leaking underground storage tank. The Division of Waste Management, Dry-cleaning Solvent Cleanup Act Program provided information on their sites. For additional information about this data, contact the UST section staff by phone at 919-707-8171 or click here <http://portal.ncdenr.org/web/wm/ust> to visit their web site. For Additional information from the Division of

Waste Management, Dry-cleaning Solvent Cleanup Act, contact the staff by phone at 919-707-8369 or visit their web site at: <http://portal.ncdenr.org/web/wm/dsca>

### **RCRA Hazardous Waste Generators/Transporters**

This database has records for all hazardous waste generators and transporters as defined by the Resource Conservation Recovery Act (RCRA). Hazardous waste as defined by RCRA is waste material that exhibits ignitability, corrosivity, reactivity, or toxicity. Chemical, metal, and furniture manufacturing are some examples of processes that create hazardous waste. RCRA tightly regulates all hazardous waste from "cradle to grave" (i.e., from manufacture to disposal).

For additional information about this data, contact the Hazardous Waste Section staff by phone at 919-707-8200 or click here to visit the web site:

<http://deq.nc.gov/about/divisions/waste-management/waste-management-rules/hazardous-waste-rules>

### **RCRA TSD Sites**

Treatment/Storage/Disposal (TSD) sites are facilities that are engaged in the activities of the treatment, storage, or disposal of hazardous waste. Under the RCRA, TSD activity can occur only at facilities that received or stored hazardous waste after November 19, 1980, the effective date of the RCRA regulations.

For additional information about this data, contact Hazardous Waste Section staff by phone at 919-707-8202 or click here to visit their web site:

<http://deq.nc.gov/about/divisions/waste-management/waste-management-permits/hazardous-waste-section-permits>

### **Septage Disposal Sites**

This database contains information on permitted, dedicated sites where septage is land applied. The Septage Management Program assures that septage (a fluid mixture of untreated and partially treated sewage solids, liquids and sludge of human or domestic origin that is removed from a septic tank system) is managed in a responsible, safe and consistent manner across the state.

For additional information about this data, contact the Septage Management Program staff by phone at 919-707-8280 or click here <https://deq.nc.gov/about/divisions/waste-management/waste-management-rules/septage> to visit their website.

### **Soil Remediation Sites**

This database contains information on permitted, dedicated sites where soil contaminated by leaking petroleum or chemical storage tanks can be taken for bioremediation. Bioremediation is a treatment process that uses naturally occurring microorganisms (yeast, fungi, or bacteria) to break down, or degrade, hazardous substances. These microorganisms break down organic compounds such as petroleum products that are hazardous to humans into harmless products, mainly carbon dioxide and water.

For additional information about this data, contact the Corrective Action Branch staff by phone at 919-707-8171 or click here <http://deq.nc.gov/about/divisions/waste-management/underground-storage-tanks-section/corrective-action-branch> to visit their web site.

### **Solid Waste Facilities**

Solid waste includes garbage, construction debris, commercial refuse, sludge from water supply or waste treatment plants, or air pollution control facilities, and other discarded materials. The database contains an inventory of closed, unlined landfills that were primarily operated by municipalities.

How to manage solid waste has been a problem for decades. In the early 1960s, cities and towns across the country practiced open air burning of trash. In response, Congress passed the Solid Waste Disposal Act in 1965 as part of the amendments to the Clean Air Act. This was the first federal law that required environmentally sound methods for disposal of household, municipal, commercial, and industrial waste. However, the initial design of the "sanitary" landfill fouled ground water, soil, surface water, and air because of improper disposal methods. Engineers have since designed new liners and leachate treatment systems to prevent environmental degradation.

For additional information about this data, contact the Solid Waste Section staff by phone at 919-707-8200 or click here <http://deq.nc.gov/about/divisions/waste-management/solid-waste-section> to visit their website.

### **Tier II Sites**

This database contains an inventory of facilities that store types and amounts of hazardous materials and are subject to the reporting requirements of SARA Title III Section 312, Emergency Planning and Community Right to Know Act. Tier II forms require basic facility identification information, employee contact information for both emergencies and non-emergencies, and information about chemicals stored or used at the facility including:

- The chemical name or the common name as indicated on the MSDS;

- An estimate of the maximum amount of the chemical present at any time during the preceding calendar year and the average daily amount;
- A brief description of the manner of storage of the chemical;
- The location of the chemical at the facility; and
- An indication of whether the owner of the facility elects to withhold location information from disclosure to the public.

For additional information about this data contact the Division of Emergency Management staff at 919-436-2746 or click here <http://www.ncdps.gov/Emergency-Management/Hazardous-Materials/EPCRA-Tier-2> to visit their website.

## UIC Permits

The Underground Injection Control (UIC) Program protects groundwater quality by preventing illegal waste disposal and by regulating the construction and operation of wells used for injecting [approved substances](#), aquifer recharge, and other activities. The most common types of injection wells in North Carolina are used for:

- [Aquifer Storage and Recovery \(ASR\)](#)
- [Geothermal Heating and Cooling](#)
- [In-Situ Groundwater Remediation](#)
- [Stormwater infiltration](#) - effective May 1, 2012

For additional information about this data, contact the UIC Program staff by phone at 919-807-6496 or click here <https://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/ground-water-protection/injection-wells> to visit their web site.

## UST Permits

An underground storage tank system (UST) is a tank and any underground piping connected to the tank that has at least 10 percent of its combined volume underground. The federal UST regulations apply only to underground tanks and piping storing either petroleum or certain hazardous substances. These facilities are regulated under Subtitle I of RCRA and must be registered with the state and receive an operating permit annually. Until the mid-1980s, most USTs were made of bare steel, which is likely to corrode over time and allow UST contents to leak into the environment. Faulty installation or inadequate operating and maintenance procedures also can cause USTs to release their contents into the environment. The greatest potential hazard from a leaking UST is that the petroleum or other hazardous substance can seep into the soil and contaminate ground water. A leaking UST can also present other health and environmental risks, including the potential for fire and explosion. The facilities shown in this database have tanks registered with the UST Section.

For additional information about this data, contact the Underground Storage Tank Section staff by phone at 919-707-8171 or click here <http://deq.nc.gov/about/divisions/waste-management/underground-storage-tanks-section> to visit their web site.

## Potential Contamination Sources by Risk Category

### Higher Risk Potential Contamination Sources for Ground Water PWS Systems

#### COMMERCIAL/INDUSTRIAL

- Automobile Body shops
  - Gas stations
  - Repair shops
- Chemical /petroleum processing/storage
- \*Sewer lines
- Utility right-of-way/pesticide use
- Chemical/petroleum pipelines
- Wood/pulp/paper processing and mills
- Dry cleaners
- Electrical/electronic manufacturing
- Fleet/trucking/bus terminals
- Furniture repair/manufacturing
- Home manufacturing
- Junk/scrap/salvage yards
- Machine shops
- Metal plating/finishing/fabricating
- Mines/sand or gravel excavations
- Parking lots/malls (>50 spaces)
- Photo processing/printing
- Plastics/synthetics producers
- Research laboratories

#### OTHER

- Road salt storage areas
- Military installations  
(for classified risks not otherwise listed)

#### AGRICULTURAL/RURAL

- Farm machinery repair
- Rural machine shops
- \*Intensive livestock operations; Lagoons, spray fields
- Fertilizer, pesticide, and petroleum storage, distribution, handling, mixing, and cleaning areas
- \*Sewage sludge (biosolids) storage, handling, mixing and cleaning areas
- \*Sewage sludge (biosolids) land application
- Unauthorized/illegal disposal of wastes/chemicals

#### RESIDENTIAL/MUNICIPAL

- Airports - maintenance/fueling areas
- Railroad yards/maintenance/fueling areas
- Landfills/dumps
- Utility stations - maintenance areas
- \*Septic systems - high density (>1/acre)
- \*Sewer lines
- \*Stormwater drains/discharges
- Fertilizer, pesticide, sewage sludge

- Notes: 1. This is a list of potential sources of contamination not a list of known databases of contaminants.*
- 2. Higher risk potential contaminant sources are considered to have a higher potential for drinking water contamination than those designated moderate risk or lower risk. Facility-specific management practices are not taken into account in estimating risks and assigning these categories.*
- 3. An asterisk [\*] indicates activities that may be associated with microbiological contamination.*

## **Moderate Risk PCSs**

### **COMMERCIAL/INDUSTRIAL**

- Car washes
- Cement/concrete plants
- Food processing
- Hardware/lumber/parts stores

### **AGRICULTURAL/RURAL**

- \*Auction lots
- \*Boarding stables
- Crops, irrigated (berries, Christmas trees, hops, mint, orchards, vineyards, nurseries, greenhouses, vegetables, sod)

NOTE: Drip-irrigated crops are considered lower risks.

- Drinking water treatment plant residuals/sludge application

### **RESIDENTIAL/MUNICIPAL**

- Drinking water treatment plants
- Golf courses
- Housing - high density (>1 house/.5 acres)
- Motor pools
- Parks
- Waste transfer/recycling stations
- Wastewater treatment plants
- collection stations

### **OTHER**

- Above ground storage tanks
- Construction/demolition areas
- Hospitals
- Transportation corridors
  - Freeways/state highways
  - Railroads
  - Right-of-way maintenance
- (herbicide use areas)
- Irrigation, water supply, or monitoring wells

**SOURCE: Adapted from EPA (1993), and from the Oregon Wellhead Protection Program**

## **Lower Risk PCSs**

### **COMMERCIAL/INDUSTRIAL**

- Office buildings/complexes
- RV/mini storage

### **AGRICULTURAL/RURAL**

- Crops, non-irrigated (grains, grass seeds, hay)
- \*Rangeland
- Managed forests/silviculture

### **RESIDENTIAL/MUNICIPAL**

- Apartments and condominiums
- Campgrounds/RV parks
- Fire stations
- Schools
- Housing – low density (< 1 house/.5 acres)

### **OTHER**

- Medical/dental offices/clinics
- Veterinary offices/clinics





## WHAT IS GROUNDWATER?

Groundwater is precipitation that has soaked into the ground and is stored in pores between the soil or in cracks in the bedrock. The Town of Snow Hill uses groundwater it pumps from the ground using six (6) wells located in its service area.

## THE WELLHEAD PROTECTION PROGRAM

Snow Hill is updating its Wellhead Protection Program to protect its water supply from contamination. As a part of the program, it has identified vulnerable areas around its wells called "Wellhead Protection Areas". Chemicals and other pollutants spilled or dumped in these areas can be drawn into the wells, possibly contaminating our community's drinking water supply. Residents and businesses in these areas must be very careful with chemicals and other potential pollutants.



## POLLUTION SOURCES!

Many things we do in our daily lives can pollute our surface and groundwater. Sources of groundwater pollution include:

Used oil, paint thinner, gasoline and other chemicals poured on the ground

Leaking storage tanks (aboveground and underground)

Overuse of pesticides and fertilizers on lawns, golf courses and agricultural fields

Chemical spills at businesses, farms and along highways

Illegal dumps and poorly managed landfills

Failing septic tanks

Leaking sewer lines

Improperly abandoned wells

Unlined waste pits, ponds and lagoons

## NEED MORE INFORMATION?

Town of Snow Hill

252-747-3414

NC Rural Water Association

[www.ncrwa.com](http://www.ncrwa.com)

## HOW CAN YOU HELP?

Water is our most valuable natural resource – we must protect it! You can help by doing your part to protect our supply and by supporting this program.

Here are some tips:

Never pour used oil, paint thinner or other hazardous chemicals on the ground or down the drain. Take them to a recycling center or to a Household Hazardous Waste Collection Day. For information call the Greene County Landfill.

252-747-5720

Check for and fix leaks in storage tanks (i.e. home heating oil/kerosene) at your home or business

Inspect and pump your septic tank as needed

Have any unused wells on your property properly abandoned

Minimize your use of pesticides and fertilizers and store them properly

Clean up junk and debris on your property

Report all chemical spills immediately

Encourage community leaders and businesses to do everything possible to protect our drinking water supply

## Greene County Recycling Centers

### Solid Waste Services

The Public Works Department provides solid waste and recycling services to county residents through the operation of six (6) convenience centers and a construction and demolition debris landfill. The convenience centers operate 8:00 a.m. until 6:00 p.m. on Monday, Tuesday, Thursday, Friday and Saturday. The landfill operates from 8:00 a.m. until 4:30 p.m., Monday through Friday and 8:00 a.m. until 12 noon on Saturday.

Location of Convenience Sites:

#### Site #1

State Road 1103

140 Jesse Hill Rd

252-747-4631

#### Site #2

State Road 1142

375 Guthrie Turner Rd

252-747-4599

#### Site #3

State Road 1216

640 Shingleton Rd.

252-238-2320

#### Site #4

State Road 1229

3250 Speights Bridge Rd.

252-747-8546

#### Site #5

State Road 1323

3125 Taylor Rd.

252-753-2068

#### Site #6

State Road 1404

1000 Church Hill Rd.

252-747-3554

## 2008

Facility Name	Company Name	Address	City	State	Zip Code
United Agri Products	United Agri Products	202 Carolina Dr	Snow Hill	NC	28580
Wilco #326		674 Hwy 258 N	Snow Hill	NC	28580
Trade Wilco #1871		1102 Kingold Blvd	Snow Hill	NC	28580
Snow Hill Readiness Center-Armory	NC National Guard	312 SE Second St	Snow Hill	NC	28580

## 2009

Facility Name	Company Name	Address	City	State	Zip Code
Crop Production Services	Crop Production Services	202 Carolina Dr	Snow Hill	NC	28580
Wilco #326		674 Hwy 258 N	Snow Hill	NC	28580
Trade Wilco #1871		1102 Kingold Blvd	Snow Hill	NC	28580
Snow Hill Readiness Center-Armory	NC National Guard	312 SE Second St	Snow Hill	NC	28580

## 2010

Facility Name	Company Name	Address	City	State	Zip Code
Crop Production Services	Crop Production Services	202 Carolina Dr	Snow Hill	NC	28580
Wilco #326		674 Hwy 258 N	Snow Hill	NC	28580
Trade Wilco #1871		1102 Kingold Blvd	Snow Hill	NC	28580
Snow Hill Readiness Center-Armory	NC National Guard	312 SE Second St	Snow Hill	NC	28580

## 2011

Facility Name	Company Name	Address	City	State	Zip Code
Crop Production Services	Crop Production Services	202 Carolina Dr	Snow Hill	NC	28580
Wilco #326		674 Hwy 258 N	Snow Hill	NC	28580
Trade Wilco #1871		1102 Kingold Blvd	Snow Hill	NC	28580
Snow Hill Readiness Center-Armory	NC National Guard	312 SE Second St	Snow Hill	NC	28580

## 2012

Facility Name	Company Name	Address	City	State	Zip Code
Crop Production Services	Crop Production Services	202 Carolina Dr	Snow Hill	NC	28580
Wilco #326		674 Hwy 258 N	Snow Hill	NC	28580

Trade Wilco #1871

1102 Kingold Blvd Snow Hill NC 28580

### 2013

Facility Name	Company Name	Address	City	State	Zip Code
Crop Production Services	Crop Production Services	202 Carolina Dr	Snow Hill	NC	28580
Wilco #326		674 Hwy 258 N	Snow Hill	NC	28580
Trade Wilco #1871		1102 Kingold Blvd	Snow Hill	NC	28580

### 2014

Facility Name	Company Name	Address	City	State	Zip Code
Crop Production Services	Crop Production Services	202 Carolina Dr	Snow Hill	NC	28580
Wilco #326		674 Hwy 258 N	Snow Hill	NC	28580
Trade Wilco #1871		1102 Kingold Blvd	Snow Hill	NC	28580

### 2015

Facility Name	Company Name	Address	City	State	Zip Code
Crop Production Services	Crop Production Services	202 Carolina Dr	Snow Hill	NC	28580

### 2016

Facility Name	Company Name	Address	City	State	Zip Code
Crop Production Services	Crop Production Services	202 Carolina Dr	Snow Hill	NC	28580
Yamco	Yamco LLC	310 Kingold Blvd	Snow Hill	NC	28580

### 2016

Facility Name	Company Name	Address	City	State	Zip Code
Crop Production Services	Crop Production Services	202 Carolina Dr	Snow Hill	NC	28580
Yamco	Yamco LLC	310 Kingold Blvd	Snow Hill	NC	28580

## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: Ham Produce

Address: 963 Hwy 258 S.

Phone #: 747-8200

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: Sweet Potatoe Processing Plant

**Owner Information**

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

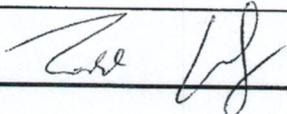
**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Hydrochlorite (Chlorine)</u>	<u>1,100 gallons</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

*\* Tank is contained within another larger tank in case of a spill for containment*

Signature/Title: 

Date: 09/01/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: Tide Tamer

Address: 900 Hwy 258 South  
Snow Hill NC 28580

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Argon (gas)</u>	<u>tanks</u>
<u>cleaning chemicals</u>	<u>10 gallons</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: Todd A. Whaley

Date: 09/01/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Worth Products

Address: 900 Hwy 258 S.

Phone #: 747 - 9994

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

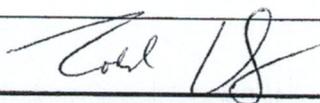
Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
_____	_____
_____	_____
<u>N/A</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

no chemicals that would be hazardous

Signature/Title: 

Date: 04/01/18



## Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: Fast Break

Address: 402 Kinggold Blvd.

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

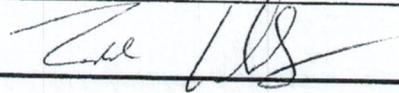
Potential Contaminants:	Quantities:
<u>Motor Oil</u>	<u>5 gal</u>
<u>Gas</u>	<u>7.3500 gal 3</u>
<u>Diesel</u>	<u>≤ 3500 gal 1</u>
_____	_____
_____	_____
_____	_____
_____	_____

**Additional Information:**

Facility ID: 00-0-000003761 \* Removed USTs

Certificate #: 20170691201

Incident # 18230 **KAD**

Signature/Title: 

Date: 04/01/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



# Site Evaluation Form for Potential Contaminant Sources

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## Facility Information

Facility Name: S Connor Memorial Funeral Home

Address: 83 Circle Drive

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: Funeral Home

## Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

## Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Formaldehyde</u>	<u>20-30 gallons</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:  
\_\_\_\_\_

Signature/Title: [Signature]

Date: 04/01/08

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Greene County School Bus Garage

Address: 301 Kingold Blvd.

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

*KAD*

Owner: Greene County Central Office

Address: 301 Kingold BLVD  
Snow Hill, NC 28580

Phone #: \_\_\_\_\_

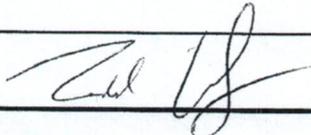
Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Gas</u>	<u>3500 1 tank</u>
<u>Diesel</u>	<u>10,500 1 tank</u>
<u>Motor Oil / Transmission Fluid</u>	<u>9000 1 tank</u>
<u>Antifreeze</u>	<u>400 gallons</u>
<u>Paint / Paint Product / Chemical</u>	<u>60 gallons</u>
<u>Heating oil WST</u>	<u>20 gallons</u>
<u>Heating oil WST</u>	<u>10,000 gal</u>
<u>Heating oil WST</u>	<u>10,000 gal</u>

*Greene Maintenance Central Office*

Additional Information:  
\* Greene County Maintenance same Address

Signature/Title: 

Date: 04/01/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: EMS Building  
 Address: 201 Martin Luther King Blvd  
 Phone #: 747-2544  
 Email: \_\_\_\_\_  
 Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: EMS Response Station

**Owner Information**

Owner: County of Greene  
 Address: 229 Kingsold Blvd  
Snow Hill NC 28580  
 Phone #: 747-4019

**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Diesel</u>	<u>300 gallons</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

[Signature]

Signature/Title: [Signature]

Date: 04/01/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: St. James AME Zion Methodist  
 Address: 403 W. Harper Street  
 Phone #: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: church

**Owner Information**

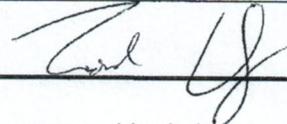
Owner: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>cleaning supplies &amp; pesticides</u>	<u>&lt; 20 gal</u>
<u>occupied graves</u>	<u>30 est.</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 09/06/18



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Yamco

Address: 310 Kinggold Blvd

Phone #: 747-9267

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

Owner: Bobby Ham

Address: 963 US-258 S.  
Snow Hill NC, 28580

Phone #: \_\_\_\_\_

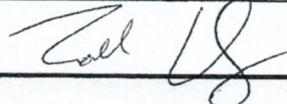
Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u><del>1.5 gal</del> chlorine</u>	<u>1,000 gal</u>
<u>cleaning chemicals</u>	<u>15 gal</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

**\*Tier II Registered in 2017. KAO**

Signature/Title: 

Date: 03/20/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



### Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

#### Facility Information

Facility Name: Parkwood Medical Center

Address: 102 Parkwood Drive  
Snow Hill NC 28880

Phone #: 747-5510

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

#### Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

#### Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>X-Rays</u>	<u>5 gallons</u>
<u>cleaning chemicals</u>	
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: [Signature]

Date: 04/01/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



### Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

#### Facility Information

Facility Name: Robert E. McArthur DDS

Address: 105 Parkwood Dr.  
Snow Hill NC 28580

Phone #: 747-8106

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

#### Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

#### Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>X-Rays</u>	_____
<u>Mercury Amalgam</u>	<u>small amounts</u>
<u>cleaning chemicals</u>	<u>3 gallons</u>
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:  
\_\_\_\_\_

Signature/Title: Todd A. Whaley

Date: 04/01/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



# Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

## Facility Information

Facility Name: Greene Dental Services

Address: 6 Professional Drive  
Snow Hill NC 28580

Phone #: 747-3846

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

## Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

## Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Mercury &amp; amalgam</u>	_____
<u>X-Rays</u>	_____
<u>Cleaning chemicals</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 04/01/18



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: St. Peter's FWB Church  
 Address: 104 Kingsfield Blvd.  
 Phone #: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

Owner: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Graves (occupied)</u>	<u>50 estimated</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: *Todd Whaley*

Date: 04/01/08

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: Wilco Hess

Address: 1102 Kingsdale Blvd

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

Owner: Wilco Hess LLC

Address: 5446 University Parkway  
Winston Salem NC, 27105-1366

Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

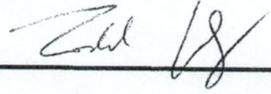
(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Gas / Diesel</u>	<u>73500 4</u>
<u>Motor Oil</u>	<u>10gal</u>
<u>Antifreeze</u>	<u>10gal max</u>
_____	_____
_____	_____
_____	_____

**Additional Information:**

Facility ID#: 00-0-00000 36249

Certificate #: 20180147601

Signature/Title: 

Date: 04/01/12

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: NWL Capacitors  
 Address: Carolina Drive  
 Phone #: 747-5943  
 Email: \_\_\_\_\_  
 Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

Owner: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone #: \_\_\_\_\_

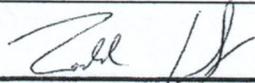
**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Sunsol Oil</u>	<u>1500 gal</u>
<u>Black Pump Oil</u>	<u>500 gal</u>
<u>Asotric</u>	<u>110 gal</u>
<u>RCRA Gen/Trans. Facility</u>	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Permit # NCD 986214455

Signature/Title: 

Date: 09/06/08



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Napa Auto Parts (Walker Auto Parts)

Address: 1108 Kingsgold Blvd.

Phone #: 747-7492

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

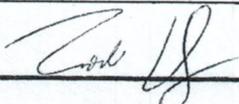
Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>motor oil</u>	<u>375 gallons</u>
<u>batteries</u>	<u>150</u>
<u>antifreeze</u>	<u>100 gal</u>
<u>hydraulic oil</u>	<u>300 gallons</u>
<u>other contaminants such as</u>	<u>200 gallons</u>
<u>brake fluid, paint products,</u>	↓
<u>parts cleaner</u>	_____

Additional Information:

\* hydraulic oil will vary based on ~~span~~ seasons.

Signature/Title: 

Date: 04/01/18



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: Handy Mart

Address: 1012 Kingsdale Blvd.

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

Owner: F. J. Pope & Sons

Address: PO Box 649 1092 N. Brazzelle Ave.  
Mount Olive NC, 28365

Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

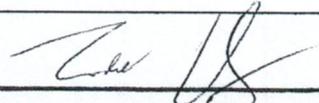
(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Gas</u>	<u>15,000 gal cap</u>
<u>Kerosene</u>	<u>2500 gal cap</u>
<u>Gas</u>	<u>10,000 gal cap</u>
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Permit : 0-035283

Cert # : 20130277001

Signature/Title: 

Date: 04/01/08

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Snow Hill WWT-P Land App.

Address: Northeast of Well #3

Phone #: 747-3414

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
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- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

Owner: Town of Snow Hill

Address: Daniel Drive  
Snow Hill NC, 28580

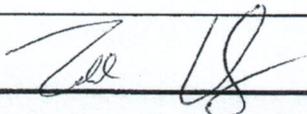
Phone #: \_\_\_\_\_

Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Biological waste</u>	<u>95,000 gal/year 4500</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 09/01/18



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: Auto Zone

Address: 909 SE 2nd Street

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

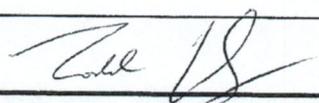
Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>motor oil</u>	<u>300 gal</u>
<u>Antifreeze</u>	<u>100 gal</u>
<u>Hydraulic oil</u>	<u>200 gal</u>
<u>Batteries</u>	<u>50</u>
<u>Other contaminants such as brake fluid, paint, parts cleaner</u>	<u>300 gal.</u>
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 08/01/18



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: Advanced Auto Parts

Address: 986 SE 2<sup>nd</sup> Street

Phone #: 747 - 3547

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
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- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

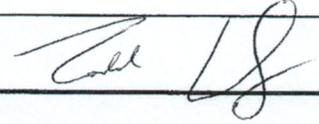
Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>motor oil</u>	<u>400 gal</u>
<u>Antifreeze</u>	<u>150 gal</u>
<u>Batteries</u>	<u>160 <del>gal</del></u>
<u>Other contaminant's such as paint, etc.</u>	<u>500 gal</u>
<u>Hydraulic oil</u>	<u>300 gal</u>
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 01/01/18



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Crop Production Services

Address: 202 Carolina Drive

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application (Storage)
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application (Storage)
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Fertilizer + Pesticide Storage</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

\* varies on seasons  
 \* current Tier II <sup>KAD</sup>

Signature/Title: [Signature]

Date: 04/01/18



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Snow Hill Service Center

Address: 601 SE Second Street

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

Owner: David Jones

Address: 601 SE Second Street

Phone #: 252 - 341 - 4879

Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Gas</u>	<u>3500 2</u>
<u>Diesel</u>	<u>1000 1</u>
<u>Motor Oil / Transmission Fluid / Antifreeze</u>	<u>300 gal</u>
<u>(to include new + old)</u>	
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

All gas + diesel tanks are ~~not~~ no longer in service. They remain empty.

Signature/Title:

Date: 04/01/09

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Snow Hill Cemetery

Address: 1112 Kinggold Blvd.

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

Owner: Town of Snow Hill

Address: 908 SE Second Street  
Snow Hill NC 28580

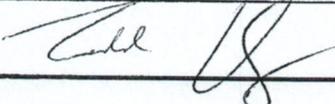
Phone #: 747 - 3414

Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Occupied spaces</u>	<del>6000</del> <u>4700 estimated</u>
<u>Total available spaces</u>	<u>6000 estimated</u>
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 04/01/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Lift Station #1, Lift Station #5

Address: 1005 Kingsgold Blvd. #1  
102 Chelsea Dr. #5 KAD

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

Owner: Town of Snow Hill

Address: ~~1005~~ 908 SE Second Street  
Snow Hill NC 28580

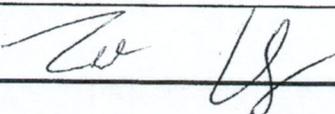
Phone #: \_\_\_\_\_

Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>wastewater</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 04/01/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: Rouse's Body Shop

Address: 1112 Kingsford Blvd.

Phone #: 747-4976

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

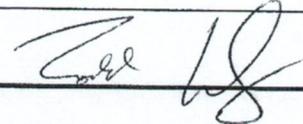
Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Solvents, Paints, Thinners</u>	<u>50 gal.</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 04/24/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



# Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

## Facility Information

Facility Name: Hillview subdivision

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

## Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

## Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:

septic tanks

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Quantities:

35-40 tanks

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Additional Information:

\_\_\_\_\_

Signature/Title: Kathryn A Dunning

Date: 4-5-18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Black Dog Car Wash

Address: 98 Greenwood Square  
Snow Hill NC 28580

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: car wash

Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

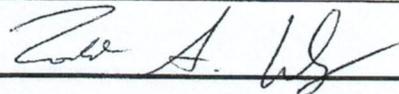
Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>washing chemicals</u>	<u>50 gallons</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**Additional Information:**

Ocean Car Wash is the same facility as Black Dog Car Wash.

Signature/Title: 

Date: 04/01/18



# Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

## Facility Information

Facility Name: Elite Medical Transport

Address: 109 Heritage Xing

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: EMS Transport Facility

## Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

## Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Diesel Tank</u>	<u>500 gal</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: Todd Whaley

Date: 04/21/18



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: Davita Dialysis

Address: 1025 Kinggold Blvd

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

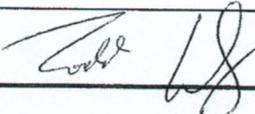
Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>NO KNOWN CONTAMINANTS</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 09/01/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



# Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

## Facility Information

Facility Name: Tingen Mine

Address: North side of well 3

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: Stormwater

## Owner Information

Owner: Brian and Michelle Tingen

Address: 404 Peak Branch Rd.  
Snow Hill, NC 28580

Phone #: \_\_\_\_\_

## Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>NPDES Permit</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
<u>*Mine is for soil excavation</u>	_____

Additional Information:

permitter: Peak Branch  
 NPDES Permit: NCGD20888  
 Permit type: Mining  
 Activities: stormwater discharge COC

Signature/Title: [Signature]

Date: 4-5-18



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: Coir Laundry  
 Address: 1011 Kinggold Blvd.  
 Phone #: 804-793-2011  
 Email: \_\_\_\_\_  
 Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

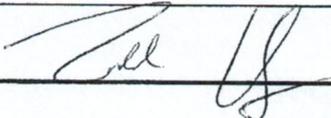
Owner: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Cleaning chemicals</u>	<u>3 gal</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 04/06/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Printworks

Address: 650 Hwy 258 N.

Phone #: 747-2062

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing

Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Screenwash (vegetable oil base)</u>	<u>55 gal.</u>
<u>Fwi solve 5 (cleaver)</u>	<u>3 gal.</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Other: screen printing facility

Additional Information:  
Pollution Incident # 10443  
Removed UST's

Signature/Title: Todd [Signature]

Date: 04/01/18



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: Cannons Body Shop  
 Address: 814 Hwy 258 N.  
 Phone #: 747-8348  
 Email: \_\_\_\_\_  
 Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

Owner: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Paint Thinner</u>	<u>5 gal</u>
<u>Used Oil</u>	<u>15 gal</u>
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

\* May have mixture of used motor fluids max 3 gallons

Signature/Title: Todd Whaley

Date: 04/01/08

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Straw's Bubby Shop / Heads Auto Repair

Address: 840 Hwy 258 N.

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

Owner: Annie Ruth Whaley / Ricky Whaley

Address: 1566 Fourway Road  
Snow Hill NC 28580

Phone #: 747-5134      814-5307

Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Waste Paint</u>	<u>30 gal</u>
<u>Waste Oil drum</u>	<u>500 gal</u>
<u>4262 Lacquer Thinner</u>	<u>5-10 gal</u>
<u>motor oil, antifreeze, other engine fluids</u>	<u>20 gal.</u>

Additional Information:

\* May have mixture of used motor fluids max 10 gallons

Signature/Title:

Date: 04/01/12

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

Facility Information

Facility Name: Wilco Hess

Address: 674 Hwy 259 N.

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

Owner Information

Owner: Wilco Hess LLC

Address: 5446 University Parkway  
Winston Salem NC, 27105-1366

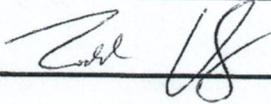
Phone #: \_\_\_\_\_

Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Gas / Diesel</u>	<u>73500 y</u>
<u>Motor Oil / Antifreeze</u>	<u>20 gal max</u>
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 04/01/18

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

**Facility Information**

Facility Name: Septic Tank Systems

Address: Hwy 58 S.

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

**Owner Information**

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

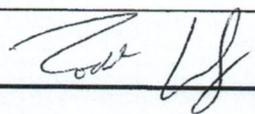
Phone #: \_\_\_\_\_

**Supply/Chemical/Application Inventory**

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Septic tanks located along</u>	_____
<u>Hwy 58 S. near well #5.</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 04/01/18



## Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

### Facility Information

Facility Name: El Charrito De Mante  
 Address: 1741 Hwy 58 South  
 \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

### Owner Information

Owner: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 Phone #: \_\_\_\_\_

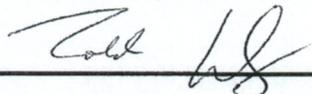
### Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>no known contaminants</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

\* small hispanic store to include minimal amounts of cooking oil < 2 gal

Signature/Title: 

Date: 09/01/08



\* Removed from plan. See description.

Map Code \_\_\_\_\_

### Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

#### Facility Information

Facility Name: Lewis Community College

Address: 602 W. Harper Street

Phone #: 747-8800

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: college

#### Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

#### Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>Cleaning supplies</u>	<u>&lt; 50 gal</u>
<u>pesticide</u>	<u>&lt; 20 gal</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

- No evidence, database or otherwise, of UST existing. <sup>KAD</sup>  
All other contaminants in vry small quantities.  
Main Lewis Campus on 818 NC-91 Snow Hill. out of range  
LCC Workforce Development on 602 W Harper.

Signature/Title: [Signature]

Date: 04/01/08

For Questions please contact Todd Whaley, Snow Hill Public Works, at 252-560-5949 or Katie Dunning, NCRWA, at 336-590-0188



### Site Evaluation Form for Potential Contaminant Sources

Please fill out the following survey to assist with the completion of our wellhead protection program development. This information will be used to develop management strategies for the protection of our drinking water supply. Please list any state permits issued to your entity on the reverse side of this document.

#### Facility Information

Facility Name: Tripp & Sons

Address: 765 SE 3rd Street

Phone #: 800-253-2176

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Please check all boxes that describe the use of the property:

- Above Ground Tank
- Agriculture Operations
- Animal Boarding
- Auto Repair/Sale
- Carwash
- Cell Tower
- Cemetery
- Chemical Storage
- Demolition Site
- Fertilizer Application
- Food Processing
- Funeral Home
- Golf Course
- Hardware Store
- Laundromat/Dry Cleaner
- Lumber/Parts Store
- Machine Shop/Repairs
- Maintenance Shop
- Manufacturing
- Medical Facility
- Metal Fabrication
- Motor Pool
- Pesticide Application
- Print/Sign Shop
- Recreation Facility
- Salvage Yard
- Septic Tank
- Storage
- Tier II Facility
- Underground Tank
- Wood Processing
- Other: \_\_\_\_\_

#### Owner Information

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

#### Supply/Chemical/Application Inventory

(please attach any additional information as necessary for a complete listing)

Potential Contaminants:	Quantities:
<u>no known contaminants</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:  
\_\_\_\_\_

Signature/Title: [Signature]

Date: 04/01/08



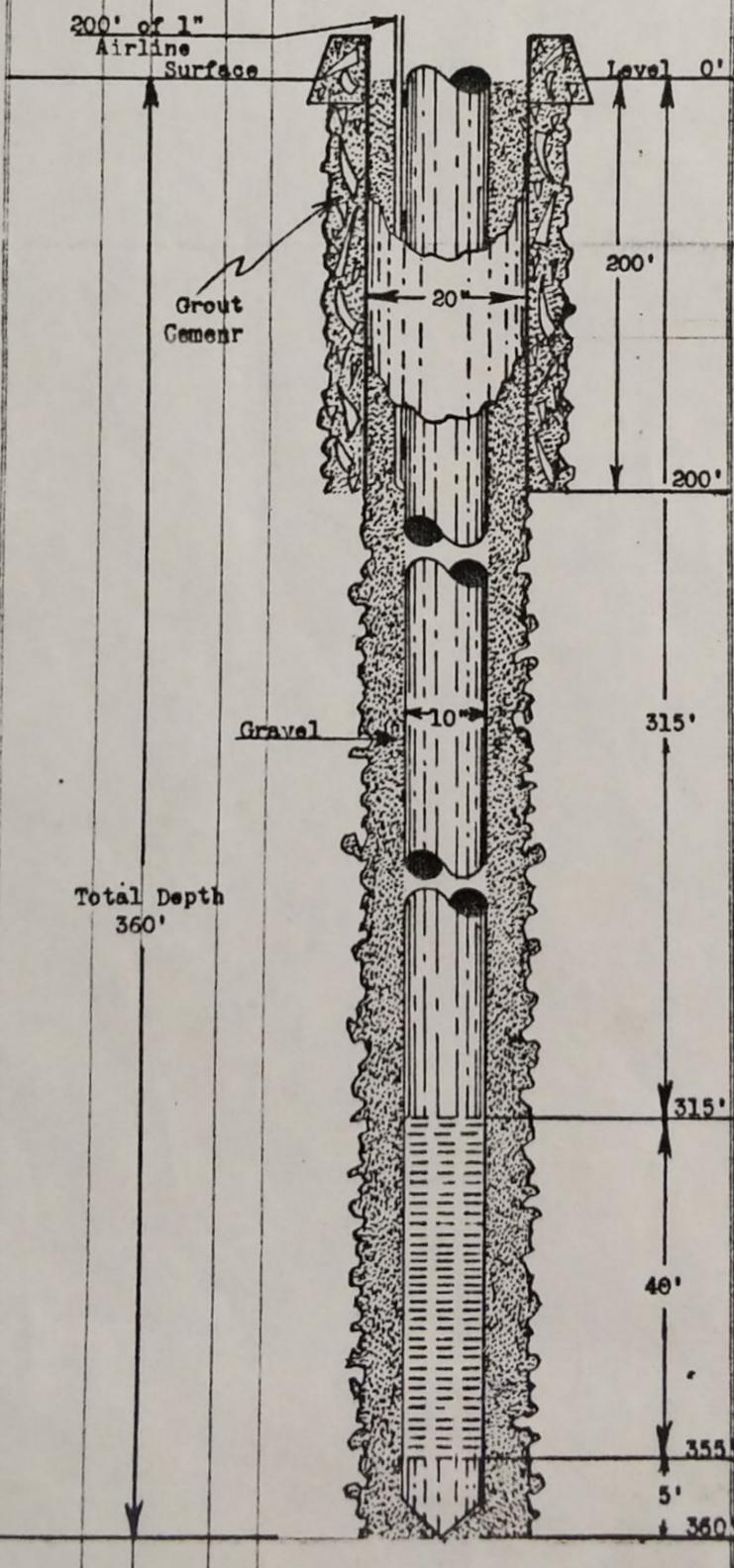
EXHIBIT "N"  
Well no 1

NORFOLK, VA.

LOG OF WELL For CITY OF SNOW HILL (Industrial Water Company) Driller: Lee Harrie  
 Located at Snow Hill in Greene County, State North Carolina  
 Date Drilling Started August 5, 19 64 Date Started July 23, 19 64  
 Finished Drilling September 2, 19 64 Finished February 17, 19 65

FORMATIONS AND DEPTH OF WELL				DIMENSIONS OF CASING AND SCREEN						
TOTAL DEPTH OF ALL STRATA		DEPTH OF EACH STRATUM		FORMATION FOUND AT EACH STRATUM	TOTAL LENGTH OF ALL SCREENS and CASINGS		LENGTH OF EACH SEC. OF SCREEN OR CASING	SPECIFY SCREEN OR CASING	SIZE OF SCREEN OR CASING	GAUGE OF SCREEN
FT.	IN.	FT.	IN.		FT.	IN.				
0		38		Sand and clay streaks	200		200	Casing	20	
98		60		Sand, shell and clay	10"			Screen line commences at surface		
111		13		Clay	315		315	Casing	10	
158		47		Sand, soft	355		40	Screen	10	St. Steel
175		17		Sand and clay streaks	360		5	Casing	10	
221		46		Clay, cutting slow						
251		30		Sand and streaks of clay						
282		31		Clay and streaks of sand						
318		36		Clay and sand, cutting slow						
355		47		Sand, Good						
406		41		Sand and streaks of clay						
437		31		Red clay, cutting slow						
457		20		Sand and clay streaks						
477		20		Clay						

1998  
 location lat 35° 25.64  
 long 77° 39.91  
 static level 172  
 pump level 277  
 300 GPM



WELL DATA:  
 Preliminary Test  
 Date Tested 19 Static Level  
 Production GPM Pumping Level  
 Permanent Test  
 Date Tested 9/14 1964 Static Level 79'11"  
 Production 503 GPM Active St. Level  
 Drawdown 69'10 1/2" Pumping Level 149'9 1/2"  
 Remarks: Ran 24 hour pumping test commencing at 2:00 P.M. 9/14/64 and ended at 2:00 P.M. 9/15/64.

Set 11/4/64 PUMP DATA:  
 Shop No. 50782 Type Lubr. Water  
 Type Head TF 618 Size Suction 6"  
 Depth Setting 170' (BP to MB)  
 Size Column 6" X 1-1/2" Length Suction 10'  
 Type Bowl 10" TLC Length Air Line  
 No. Stages 18 Discharge- 6"  
 Cap'y and Head 297 Pressure

MOTOR DATA:  
 Horsepower 50 Voltage 230/440  
 RPM 1200 Phase 3  
 Type RU Cycles 60  
 Make U.S. Frame No. A408UP

170  
 70  
 ---  
 240

NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES & COMMUNITY DEVELOPMENT  
DIVISION OF ENVIRONMENTAL MANAGEMENT, GROUNDWATER SECTION

WELL RECORD  
P.O. BOX 27587 - RALEIGH, N.C. 27611  
DRILLING CONTRACTOR Hartsfield REG. NO. 178 WELL CONSTRUCTION PERMIT NO. 306

1. WELL LOCATION: (Show sketch of the location below)  
Nearest Town: Snow Hill County: Greene Co  
Well # 2, on US # 258, Box # 555 Quadrangle No. 028 G-1  
(Road, Community or Subdivision and Lot No.)

2. OWNER: Town of Snow Hill

3. ADDRESS: \_\_\_\_\_

4. TOPOGRAPHY: draw, valley, slope, hilltop, flat (circle one)

5. USE OF WELL: Municipal DATE: Dec 1971

6. DOES THIS WELL REPLACE AN EXISTING WELL? \_\_\_\_\_

7. TOTAL DEPTH: 350 RIG TYPE OR METHOD: Rotary

8. FORMATION SAMPLES COLLECTED: YES \_\_\_\_\_ NO \_\_\_\_\_

9. CASING:	Depth	Inside Dia.	Wall thick. or weight/ft.	Type
FROM	<u>0</u> to <u>220</u> ft	<u>20"</u>		<u>P.I. Casing</u>
	<u>0</u> to <u>228</u> ft	<u>10"</u>		<u>Steel</u>

10. GROUP:	Depth	Material	Method
FROM	to	ft	

11. SCREEN:	Depth	Dia.	Type & Opening
FROM	<u>228</u> to <u>344</u> ft	<u>10"</u>	

12. GRAVEL:	Depth	Size	Material
FROM	<u>7</u> to <u>350</u> ft		

13. WATER ZONES (depth): \_\_\_\_\_

14. STATIC WATER LEVEL: 80' ft. above/below top of casing  
Casing is 1.5 ft. above land surface ELEV: \_\_\_\_\_

15. YIELD (gpm): 700 METHOD OF TESTING: \_\_\_\_\_

16. PUMPING WATER LEVEL: 129' 9" ft.  
after 24 hours at 500-700 gpm. (31-p)

17. CHLORINATION: Type \_\_\_\_\_ Amount \_\_\_\_\_

18. WATER QUALITY: \_\_\_\_\_ TEMPERATURE (°F) \_\_\_\_\_

19. PERMANENT PUMP: Date Installed 6-21-71  
Type Vertical Capacity 500 (gpm) HP 50  
Make Johuston Intake Depth 150  
Airline Depth \_\_\_\_\_

20. HAS THE OWNER BEEN PROVIDED A COPY OF THIS RECORD AND INFORMED OF THE DEPARTMENT'S REQUIREMENTS AND RECOMMENDATIONS? \_\_\_\_\_

21. REMARKS Copied from Hartsfield's files on 3-13-77 by M. Earl Butler  
I do hereby certify that this well was constructed in accordance with N.C. Well Construction Regulations and Standards and that this well record is true and exact.

*NO 2*

DRILLING LOG

DEPTH FROM TO FORMATION DESCRIPTION

If additional space is needed, use back of form

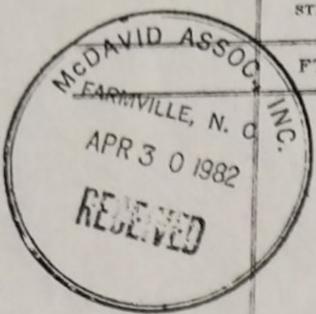
LOCATION SKETCH (Show distance to numbered roads, or other map reference points)

EXHIBIT "M"  
Well no 3  
7691

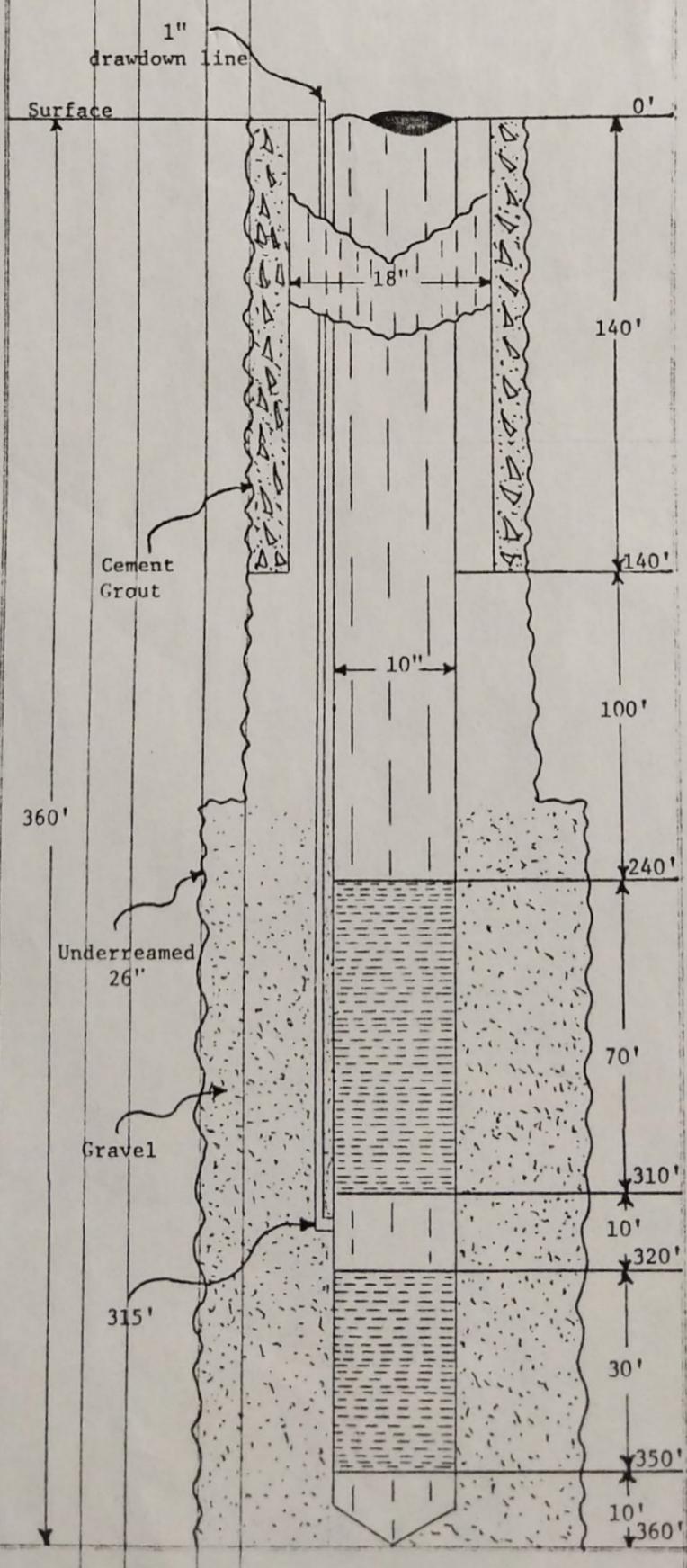
NK-0409

LAYNE ATLANTIC COMPANY  
NORFOLK, VA.

LOG OF WELL For Town of Snow Hill, North Carolina  
Located at \_\_\_\_\_ in Greene \_\_\_\_\_ County, State North Carolina  
Date Drilling Started February 3 19 82 Date Started February 1 19 82  
Finished Drilling March 16 19 82 Finished 19



FORMATIONS AND DEPTH OF WELL				DIMENSIONS OF CASING AND SCREEN							
TOTAL DEPTH OF ALL STRATA		DEPTH OF EACH STRATUM		FORMATION FOUND AT EACH STRATUM	TOTAL LENGTH OF ALL SCREENS and CASINGS		LENGTH OF EACH SEC. OF SCREEN OR CASING	SPECIFY SCREEN OR CASING	SIZE OF SCREEN OR CASING	GAUGE OF SCREEN	
FT.	IN.	FT.	IN.		FT.	IN.					FT.
					140		140		Casing	18	
					240		240		Casing	10	
					310		70		Screen	10	.030
					320		10		Casing	10	
					350		30		Screen	10	.030
					360		10		Casing		



WELL DATA:  
Preliminary Test  
Date Tested 19 Static Level  
Production GPM Pumping Level  
Permanent Test  
Date Tested 4/26 1982 Static Level 101'  
Production 570 GPM Active St. Level  
Drawdown 89'-1" Pumping Level 190'-1"  
Remarks:

PUMP DATA:  
Shop No. \_\_\_\_\_ Type Lubr. \_\_\_\_\_  
Type Head \_\_\_\_\_ Size Suction \_\_\_\_\_  
Depth Setting 23' (BP to MB)  
Size Column \_\_\_\_\_ Length Suction \_\_\_\_\_  
Type Bowl \_\_\_\_\_ Length Air Line \_\_\_\_\_  
No. Stages \_\_\_\_\_ Discharge- \_\_\_\_\_  
Cap'y and Head \_\_\_\_\_ Pressure \_\_\_\_\_

MOTOR DATA:  
Horsepower \_\_\_\_\_ Voltage \_\_\_\_\_  
RPM \_\_\_\_\_ Phase \_\_\_\_\_  
Type \_\_\_\_\_ Cycles \_\_\_\_\_  
Make \_\_\_\_\_ Frame No. \_\_\_\_\_

254'

672-4808

# Magette Well & Pump Company

AHOSKIE, NORTH CAROLINA

LOG OF WELL For Town of Snow Hill (Well No. 4) EDA Project No. 04-01-03118  
 (Well completed in original test hole)  
 Located at Beaman Site - U.S. 258 N in Greene County, State N.C.  
 Date Drilling Started September 28, 19<sup>83</sup> Date Started \_\_\_\_\_, 19\_\_\_\_  
 Finished Drilling October 12, 19<sup>83</sup> Finished \_\_\_\_\_, 19\_\_\_\_

Formation And Depth Of Well					Dimensions Of Casing And Screen						
Total Depth Of All Strata		Depth Of Each Stratum		Formation Found At Each Stratum	Total Length Of All Screens And Casings		Length Of Each Sec. Of Screen Or Casing		Specify Screen Or Casing	Size Of Screen Or Casing	Gauge Of Screen
Ft.	In.	Ft.	In.		Ft.	In.	Ft.	In.			In.
					136	-	136	-	Outer Casing	24"	
				Surface	232	-	232	-	Inner Casing	12"	
					250	-	18	-	Screen	12"	.030
					271	-	21	-	Inner Casing	12"	
				Cement Grout 29" hole	289	-	18	-	Screen	12"	.030
				24"	290	-	1	-	Bullnose	12"	
				12"							
				5"							
				Outer Casing							
				Inner Casing							
				23" hole							
				200' Pump Column							
				10' Turbine Pump							
				1 1/4" Water Level Pipe							
				10'-5" Dia. Tail Pipe							
				Cone strainer							
				30" Underream							
				12" Stainless Steel Screen							
				Jesse S. Morie & Son, Inc.							
				Gravel Pack							
				Morie #1							

All screens are 304 stainless steel continuous wire wrapped .030 slot  
 1998 - well no 4  
 location lat - 35° 37.88'  
 long - 77° 39.97'  
 static level 118'  
 pumping level 133'  
 200 RPM

WELL DATA:

Preliminary Test	
Date Tested	19 Static Level
Production	GPM Pumping Level
Permanent Test	
Date Tested	Dec. 5 & 6 19 83 Static Level 79'
Production	402 GPM Active St. Level
Draw Down	115'-2" -3.4 Pumping Level 194'-2"
Remarks:	

PUMP DATA:

Shop No.	Peabody Floway Model 8JK-JO	Serial No.	84D09342
Type Head	6 x 12A	Size Suction	5" x 1 1/4"
Depth Setting	200'	(BP to MB)	
Size Column	5"	Length Suction	221'
Type Bowl	8JOL	Length Air Line	237'
No. Stages	15	Discharge	
Cap'y. and Head	280 GPM T.D.H. 370	Pressure	

MOTOR DATA:

Horse Power	40	Voltage	460
RPM	1770	Phase	3
Type	RU	Cycles	60
Make	U.S. Motor	Frame No.	324 TPH WPI

Diagram and log prepared by Henry Walker 4-24-84

2PM  
 9-8-89  
 static 120

# Magette Well & Pump Company

AHOSKIE, NORTH CAROLINA

LOG OF WELL For Town of Snow Hill (Well No. 5) EDA Project No. 04-01-03118

Located at Jesse Oakes Site in Greene County, State North Carolina

Date Drilling Started March 19, 19<sup>84</sup> Date Started \_\_\_\_\_, 19\_\_\_\_

Finished Drilling June 13, 19<sup>84</sup> Finished \_\_\_\_\_, 19\_\_\_\_

Formation And Depth Of Well				Dimensions Of Casing And Screen							
Total Depth Of All Strata		Depth Of Each Stratum		Formation Found At Each Stratum	Total Length Of All Screens And Casings		Length Of Each Sec. Of Screen Or Casing		Specify Screen Or Casing	Size Of Screen Or Casing	Gauge Of Screen
Ft.	In.	Ft.	In.		Ft.	In.	Ft.	In.			
				Surface							
					72	6	72	6	outer casing	20"	-
					289	6	289	6	inner casing	10"	-
				cement plug	294	6	5	-	screen	10"	.030
				24" dia. hole	303	-	8	6	inner casing	10"	-
					315	-	12	-	screen	10"	.030
				cement grout	325	-	10	-	inner casing	10"	-
				outer casing							
				inner casing							
				19" dia. hole							
				220' pump column							
				8.73' turbine pump							
				1 1/4" dia. water level pipe							
				20'-5" dia. tail pipe							
				10' cement plug							
				cone strainer							
				26" under ream							
				10" stainless steel screen							
				Morie #1 gravel pack							

*1998 well no 5 location*  
*lag - 35° 26'*  
*long 71° 37'*  
*static level 135'*  
*pumping level 200'*  
*300 GPM*

**WELL DATA:**

**Preliminary Test**

Date Tested 19 Static Level  
 Production GPM Pumping Level

**Permanent Test**

Date Tested August 9 19 84 Static Level 116 ft.  
 Production 340 GPM Active St. Level  
 Draw Down 51'-4" Pumping Level 167'-4"

Remarks:

**PUMP DATA:**

Shop No. Peabody Floway Model 8JK-JO Serial No. 84D13331  
 Type Head 6x12A Size Suction 5" x 1 1/4"  
 Depth Setting 220 ft. (BP to MB)  
 Size Column 5" Length Suction 250 ft.  
 Type Bowl 8JOL Length Air Line 278 ft.  
 No. Stages 14 Discharge  
 Cap'y. and Head 280 GPM T.H.D. 334 Pressure

**MOTOR DATA:**

Horse Power 40 Voltage 230  
 RPM 1770 Phase 3  
 Type RU Cycles  
 Make U.S. Motor Frame No. 324 TPH WPI

# WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

## 1. Well Contractor Information:

**SAMUEL LEWIS WIGGINS**

Well Contractor Name:

**2300**

NC Well Contractor Certification Number

**Magette Well & Pump Company**

Company Name

**WS0701069 CU3072**

## 2. Well Construction Permit #:

List all applicable well construction permits (i.e. Convey, State, Variance, etc.)

## 3. Well Use (check well use):

### Water Supply Well:

- Agricultural  Municipal/Public  
 Geothermal (Heating/Cooling Supply)  Residential Water Supply (single)  
 Industrial/Commercial  Residential Water Supply (shared)  
 Irrigation

### Non-Water Supply Well:

- Monitoring  Recovery

### Injection Well:

- Aquifer Recharge  Groundwater Remediation  
 Aquifer Storage and Recovery  Salinity Barrier  
 Aquifer Test  Stormwater Drainage  
 Experimental Technology  Subsidence Control  
 Geothermal (Closed Loop)  Tracer  
 Geothermal (Heating/Cooling Return)  Other (explain under #21 Remarks)

4. Date Well(s) Completed: **36.30.14** Well ID# **4 B**

## 5a. Well Location:

**SNOW HILL**

Facility/Owner Name

Facility ID# (if applicable)

**OFF HWY 13/258**

Physical Address, City, and Zip

**GREENE**

County

Parcel Identification No. (PIN)

## 5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees: (if well field, one lat/long is sufficient)

**35.464314** N **-77.666794** W

6. Is (are) the well(s):  Permanent or  Temporary

7. Is this a repair to an existing well:  Yes or  No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: **1**  
For multiple injection or non-water supply wells ONLY with the same construction, you can submit one form.

9. Total well depth below land surface: **135** (ft.)  
For multiple wells list all depths if different (example: 3@200' and 2@100')

10. Static water level below top of casing: **11.63** (ft.)  
If water level is above casing, use "1"

11. Borehole diameter: **15** (in.)

12. Well construction method: **rotary**  
(i.e. auger, rotary, cable, direct push, etc.)

### FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) **150** Method of test: **24 HOUR TEST**

13b. Disinfection type: **HTH** Amount: **2 POUNDS**

For Internal Use ONLY:

## 14. WATER ZONES

FROM	TO	DESCRIPTION
110 ft.	130 ft.	SAND
ft.	ft.	

## 15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	20 ft.	16 in.	.375	STEEL

## 16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+2 ft.	110 ft.	6 in.	SCH 10	STAINLESS
130 ft.	135 ft.	6 in.	SCH 10	STAINLESS

## 17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
110 ft.	130 ft.	6 in.	.050		STAINLESS
ft.	ft.	in.			

## 18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	85 ft.	NEAT CEMENT	PUMPED
ft.	ft.		
ft.	ft.		

## 19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
85 ft.	135 ft.	3	TREMIE PIPE
ft.	ft.		

## 20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	2 ft.	TOP SOIL
2 ft.	55 ft.	FINE TO MED. SAND
55 ft.	106 ft.	CLAY
106 ft.	132 ft.	SAND MED.
132 ft.	140 ft.	CLAY
ft.	ft.	
ft.	ft.	

## 21. REMARKS

## 22. Certification:

*Sam Wiggins*  
Signature of Certified Well Contractor

**7.17.2014**

Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

## 23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

## SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Quality, Information Processing Unit,  
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Quality, Underground Injection Control Program,  
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

## **PUBLIC NOTIFICATION**

The Town of Snow Hill, with assistance from the North Carolina Rural Water Association, is in the process of updating its Wellhead Protection Plan. This is a voluntary program intended to assist in protecting the Town's water supply from contamination, and to identify vulnerable areas around our wells called "Wellhead Protection Areas." Another goal of this program is to make residents and businesses aware that chemicals and other pollutants spilled or dumped in the vicinity of the "Wellhead Protection Areas" can be drawn into the wells, possibly contaminating the Town's drinking water supply.

A draft copy of the Wellhead Protection Plan is available for review and comment at the Snow Hill Town Hall until 18 May 2018. You are invited to review the plan, and submit any comments or suggestions to the Town of Snow Hill. All written comments will be reviewed by the Wellhead Protection Committee, and any suggestions or comments that may be beneficial will be incorporated into the plan.

If you have any questions or comments, please feel free to contact Dana Hill at 252-747-3414 x207.