



LOCAL WELLHEAD PROTECTION PROGRAM PLAN

PWSID: 03-78-030

ROBESON COUNTY
APRIL 13, 2018

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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 effects 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 well field, supplying a public water system, through which contaminants are reasonably likely to move toward and reach such water well or well field.” 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 objective in developing a protection program 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 Environment 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 septage 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, 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) Delineation of the contributing areas of the water sources;

(3) Identification of potential contamination sources within the wellhead protection area;

- (4) Develop and implement wellhead protection area management actions to protect the water sources;
- (5) 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;
- (6) Development of a public education program;
- (7) Conduct new water source planning to insure the protection of new water source locations and to augment current supplies.

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

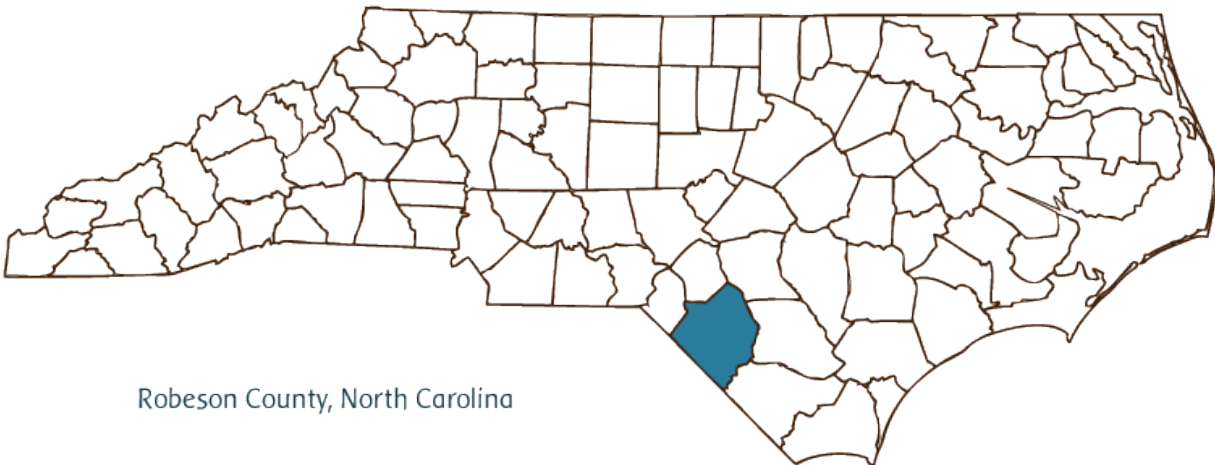
The Public Water Supply Section (PWSS) provides the final approval for WHP Programs. The NC Wellhead Protection Program Coordinator is:

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

The Town of St. Pauls, incorporated in 1909, is a small town located in the northern area of Robeson County, North Carolina, which borders South Carolina. As an established community where people take care of one another, St. Pauls is known as “The Little Town with the Big Heart.”

Located directly on I-95, St. Pauls is perfectly situated to access many major carrier routes across North America. St. Pauls is located at the intersections of Interstate I-95, US Highway 301, NC 20, and near NC 87. It is 50 miles south of I-40 and 68 miles north of I-20. Major cities close to St. Pauls include Fayetteville, just 15 miles to the north, and Lumberton, just 11 miles to the south. Like Robeson County as a whole, St. Pauls has a long history in agriculture, as well as an established industrial and commercial base.



Robeson County, North Carolina

The Town of St. Pauls sits approximately 164 ft. above the mean sea level in the Coastal Plain region of NC; and, it is underlain by the Black Creek Formation which is the most extensive surficial geologic formation in Robeson County. This formation consists of late cretaceous age, marine sediments. The bedrock of the county is composed of volcanic slate at approximately 300-600 feet below the surface. It is characterized by a distinct west to east slope, believed to average about 35 feet of elevation change per mile. Surficial deposits consist largely of unconsolidated sediments formed during the Pliocene and upper Cretaceous Periods. Gravel, sand, and clay are the most predominant constituents of the surface materials. These surficial deposits resulted from the deposition of marine, fresh water, and continental sediments on the volcanic bedrock. Loose sand and clayey soils in the vicinity allow recharge to the water table of about 600,000 gallons per day per square mile. Please see below for a description of the Black Creek Formation:

Well Sites	Geocode	Formation	Description
2, 3, and 4	Kb	Black Creek	Clay, gray to black, lignitic; contains thin beds and laminae of fine-grained micaceous sand and thick lenses of cross-bedded sand. Glauconitic, fossiliferous clayey sand lenses in upper part

The Town withdraws its water from the Black Creek and Upper Cape Fear aquifers through a total of three (3) water supply wells whose depths range from 321 ft. to 340 ft. with an average yield of 520 gallons per minute (gpm). Well #2 and Well #3 are utilized on a biweekly rotation with the newest well, Well #4, operating the remaining weeks. The average daily water use for the Town is 206,000 gallons per day (gpd). St. Pauls' water system serves a population of 2,276 through approximately 13 miles of distribution lines maintaining approximately 964 water taps. Raw water is blended and treated at the St. Pauls Water Treatment Facility where it is sent through sand filters to filter out iron in the raw water. It is also treated with lime for pH control, chlorine as a microbial deterrent, and poly-phosphate to sequester iron in the distribution system. This treatment facility has a permitted capacity of 1.000 million gallons per day (mgd). The water system has a finished storage capacity of 450,000 gallons contained in two storage tanks. It also has a raw water reservoir with a 75,000 gallon capacity. There are three (3) interconnections with the Robeson County Water System (PWSID #: 03-78-055) used for the purchase or sale of water during emergencies only. However, St. Pauls purchases water on a daily basis from Robeson County to supply water to two apartment complexes that are not interconnected to the Town's finished water distribution system. St. Pauls utilizes a SCADA system for all water operations via telecommunication towers. This system offers technical assistance, monitoring, and allows remote operations of water pumps. All wells and storage tanks are operated by this system called Mission Communications LLC. For information on each well, please see [Table 1](#) or the [Well Records](#) located in the appendix. Information for each well was obtained from the Safe Drinking Water Information System (SDWIS).

Well	Location	Yield (gpm)	Depth	Latitude	Longitude
Well #2	Clark/Second Streets	458	340	34.801447	-78.973453
Well #3	Odom Rd.	504	321	34.808011	-78.984922
Well #4	Fire Station Lot	600	330	34.804690	-78.980412

Table 1. Well Data

I. THE WELLHEAD PROTECTION COMMITTEE

A Wellhead Protection Committee (WPC) was formed to develop the original Wellhead Protection Program approved by the NC Public Water Supply Section. The most recent revision to this plan was approved on December 30, 1999. Due to staff changes and circumstances, the current members of the Wellhead Protection Committee are as follows:

- Mr. J.R. Steigerwald, Town Administrator, Town of St. Pauls
- Mr. Gerald Weindel, Mayor, Town of St. Pauls
- Mr. Jerry Quick, Commissioner, Town of St. Pauls
- Mr. Danny Holloman, Public Works Director, Town of St. Pauls
- Mr. Benton Rogers, Assistant Public Works Director, Town of St. Pauls
- Mrs. Alicia Melton, North Carolina Rural Water Association

The Town of St. Pauls Town Board of Commissioners are responsible for implementing the Wellhead Protection Program. Under the authority of the Town Mayor and the Town Board of Commissioners, the Town Administrator has been authorized to accept or reject any revisions/changes requested or presented by the Wellhead Protection Committee. The Town of St. Pauls will begin implementation of the Wellhead Protection Program upon approval by the Public Water Supply Section (PWSS) of NCDEQ, and will complete implementation within ninety (90) days. Upon completion of the implementation phase, the Town Administrator will submit notification to the PWSS in accordance with the schedule set forth in the approved WHP Plan.

Priorities

The Wellhead Protection Committee (WPC) has identified the following priorities for the development of this plan:

- Public Education;
- Protection of St. Pauls' water supply;
- And prevention of possible future contamination.

Improvements and Necessities

The Wellhead Protection Committee (WPC) has identified the following improvements and needs for the St. Pauls water system:

- Additional wells to replace Wells 2 and 3 due to the deteriorated condition caused by age;
- And looping of the existing distribution system dead ends to improve water quality.

Goals and Strategies

The Wellhead Protection Committee (WPC) has identified the following goals and strategies:

- Delivery of a copy of the completed Wellhead Protection Program to the Public Water Supply Section of the North Carolina Department of Environmental Quality (NCDEQ)
- Make sure the program is on-going and is updated as needed to ensure the protection of St. Pauls' water supply.

II. DELINEATING THE WELLHEAD PROTECTION AREA

Simply stated, the WHPA is the part of the landscape – above or below ground – which contributes water that will eventually reach the pumping well. If a contaminant reaches groundwater within the well system’s contribution area, the contaminant can move with the groundwater into the well. If the contributing area for the well is identified and management strategies are set in place to manage certain activities, the possibility that the well might become contaminated can be significantly reduced. This is the area where your wellhead protection (WHP) plan will apply.

The estimated average recharge rate is typically used to estimate the size of the WHPA for wells withdrawing water from unconfined surficial aquifers. However, the average recharge rate to confined and semi-confined aquifers of the coastal plain are, in general, small in comparison to the average recharge rate to unconfined surficial aquifers. WHPAs for wells withdrawing water from confined/semi-confined aquifers could potentially be unmanageably large if based on the recharge rate to these aquifers. Also, because the land area, in which recharge to a confined aquifer is derived, may be located many miles from the pumping well, accurate determination and management of WHPAs based on recharge presents numerous technical and jurisdictional difficulties in these types of aquifers. As a result, WHPAs for wells withdrawing water from confined/semi-confined coastal plain aquifers are often based on time of travel calculations. A time of travel calculation uses the rate of groundwater movement to estimate how long water or a contaminant will take to reach a well from a point within the aquifer.

In North Carolina, the WHPA for wells withdrawing water from certain confined aquifers encompasses the area surrounding the well for which the time of travel from the outer edge of the area to the well is 10 years. A 10-year period was selected to provide time to assess the potential impact of any groundwater contamination discovered within the WHPAs and for developing appropriate remediation and groundwater protection strategies for the water supply. A WHPA based on a longer time of travel may provide a greater degree of protection to the well and allow more advance warning to respond to a contamination incident within the WHPA, but it will also expand the area to manage under the WHP Plan.

WHPAs based on a 10 year time of travel from their outer edge to the pumping well can be estimated by using the groundwater velocity or by estimating the volume of the aquifer required to supply 10 years of withdrawals (i.e., Calculated Fixed Radius - Volumetric method). The volumetric method, although more applicable to conditions in St. Pauls, was not available during the development of the town’s original WHP plan.

In this update to the 1999 approved plan, the wellhead protection areas for St. Pauls’ wells were delineated using values from Step 2. Table 1 (pg. 11) of *The Wellhead Protection Guidebook*, shown below. Well Yield (Q^1) information for each well was obtained from the Safe Drinking Water Information System (SDWIS). This method of delineation was chosen

due to the lack of specific screened interval information available for each well, in addition to Well 4 being screened in both the Black Creek and Upper Cape Fear aquifers.

Table 1. Recommended radii of WHPAs for wells withdrawing from semi-confined and highly confined aquifers.

Well Yield Q ¹ (gpm)	Maximum Permitted Withdrawal (Q _{MPW} ²) (gallons)	Aquifer Thickness ³ (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

¹ 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.
² Maximum Permitted Withdrawal (Q_{MPW}) based on 12 hours per day of pump operation.
³ Aquifer thickness is a value assumed on the basis of the pumping rate.

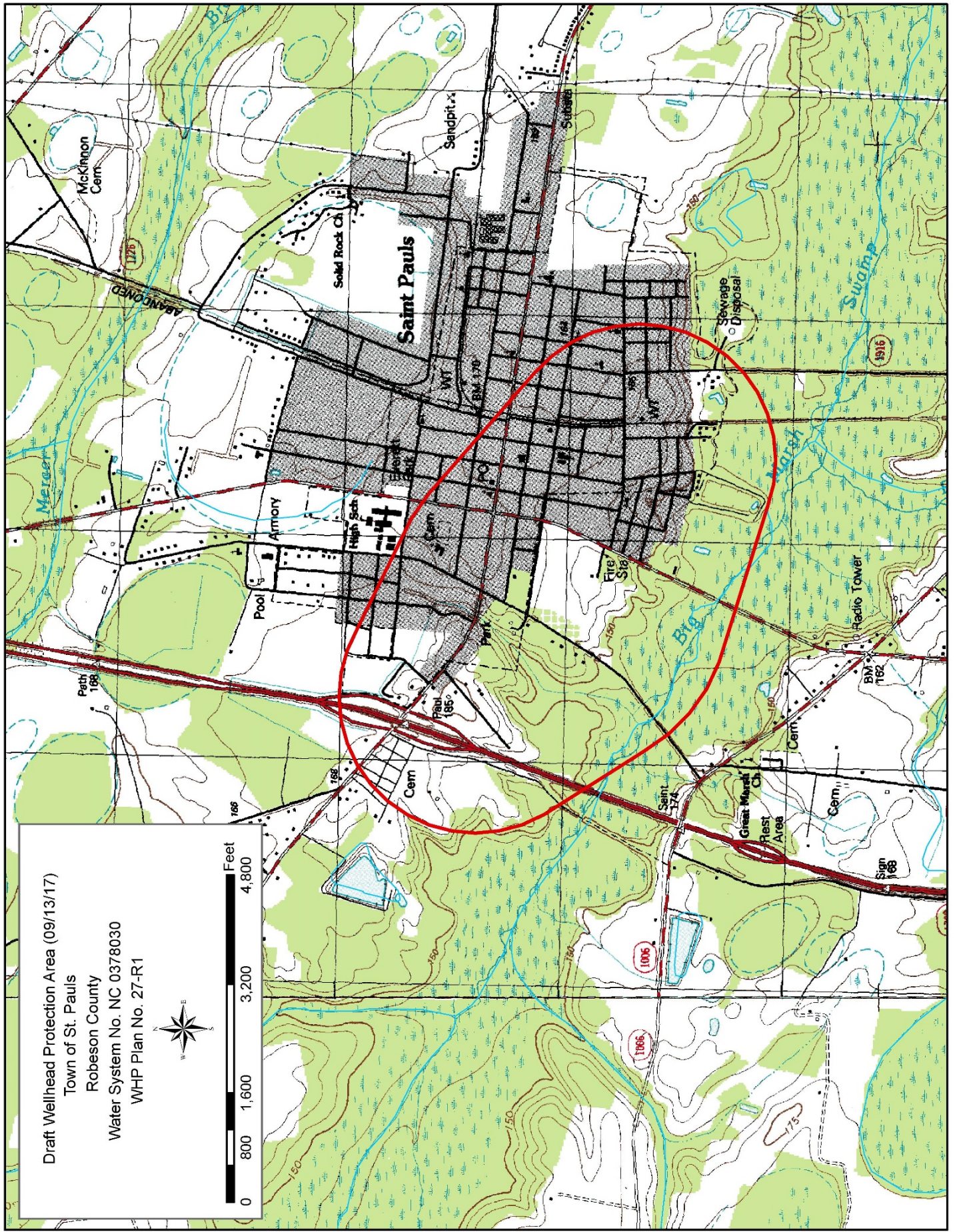
Table 2. Step2. Table 1 from The Wellhead Protection Guidebook

The well yields for St. Pauls’ wells resulted in radii of 2,000 and 2,500 (interpolated) feet, based on the pumping rate (yield) of each well as shown in Table 1. The radius for each wells WHPA is shown in Table 3. Once individual protection radii were determined, overlapping areas were combined and smoothed to form one WHPA. As a result of the delineation, the Town of St. Pauls has one WHPA to manage for potential contamination.

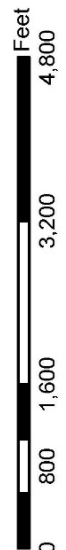
Well	Q (gal/min)	Radius of WHPA (ft.)
Well #2	458	2,000
Well #3	504	2,000
Well #4	600	2,500

Table 3. St. Pauls Delineation Data

The Wellhead Protection Area for the Town of St. Pauls was developed with the assistance of the Division of Water Resources, Wellhead Protection Program Manager, and has been approved by the Wellhead Protection Committee. The following map displays the determined Wellhead Protection Area.



Draft Wellhead Protection Area (09/13/17)
 Town of St. Pauls
 Robeson County
 Water System No. NC 0378030
 WHP Plan No. 27-R1



III. INVENTORY OF POTENTIAL CONTAMINANT SOURCES

A Potential Contaminant Source (PCS) is any substance or activity that could adversely affect the quality of your drinking water supply. The PCS inventory is a complete listing, including mapped locations, of past and present land use activities within the wellhead protection area (WHPA) that threaten groundwater quality. Each of the potential contaminant sources that were identified was assigned a code according to the category into which it falls. The potential contaminant categories and corresponding codes are listed in [Table 4](#).

PCS Categories	Map Code	PCS Categories	Map Code
Pollution Incident	A	Metal Fabrication	N
AST	B	Oil Separator	O
Auto Parts	C	Print Shop	P
Carwash	D	Repair/Maintenance Shop	Q
Cemetery	E	Salvage Yard	R
Chemical Storage	F	Septic Tank	S
Fire Department	G	Storage Facility	T
Funeral Home	H	Supply/Hardware Store	U
Gas Station	I	Telecommunications Tower	V
Laundromat	J	Tier II Facility	W
Liftstation	K	UST	X
Manufacturing/Industry	L	Water Treatment Facility	Y
Medical Facility	M		

Table 4. Potential Contaminant Source Categories

The inventory process begins by looking at the Source Water Assessment Program Report for the Town of St. Pauls. Information from sixteen (16) State and Federal Databases is combined into that report, and this information is used as a starting point to research files at the various state agencies. A [description of each of the regulatory databases researched](#) can be found in the [appendix](#).

Source Name	Susceptibility Rating
Well #2	Moderate
Well #3	Moderate
Well #4	Higher

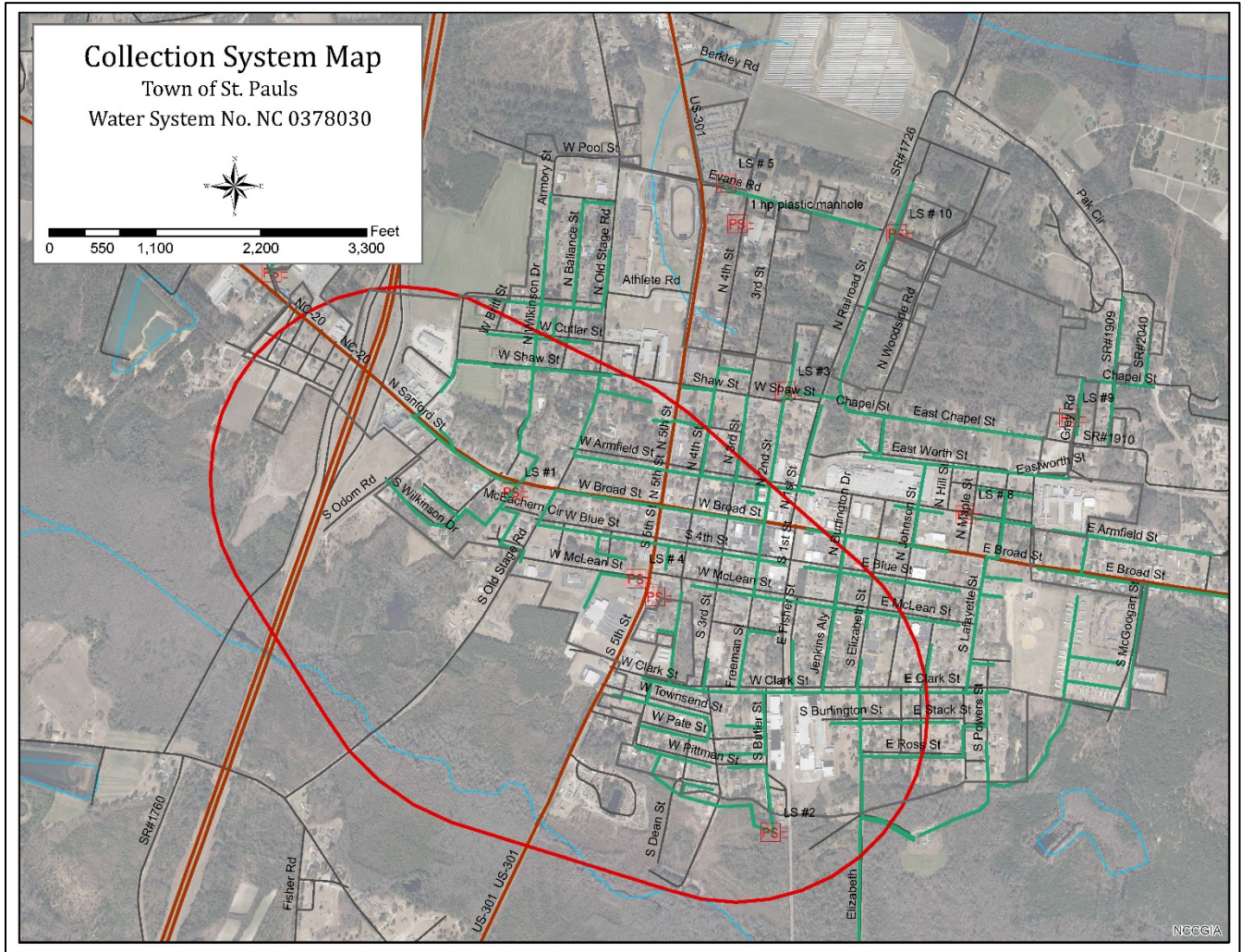
Table 5. SWAP Susceptibility Rating

NC SWAP Reports (Source Water Assessment and Protection) - The Source Water Assessment Program (SWAP) information is compiled by the Public Water Supply (PWS) Section from available electronic PCS databases with statewide coverage obtained from various State agencies. The SWAP information is an extremely valuable starting point for conducting a PCS inventory. However, it is not a comprehensive database of all PCSs. Because it includes only those databases with statewide coverage that are available to the PWS Section in an electronic format, PCS information specific to the area of interest may not be included. Databases (both hardcopy and electronic) maintained by local, county, state, and federal agencies may contain information about known PCSs occurring within the WHPA (e.g., areas of pesticide or fertilizer application, pesticide storage areas, landfills or dumps, inactive hazardous waste sites, underground storage tanks, above ground storage tanks, areas with septic systems, improperly constructed/abandoned wells, etc.) The NC SWAP Report was reviewed by the WPC and the Susceptibility for the Town's wells was ranked by the NC PWS Section as "Moderate" and "Higher" as shown in [Table 5](#) above. Susceptibility is an indication of a water supply's potential to become contaminated by the identified PCSs within the assessment area. All relevant information found in the SWAP report is reflected in the [PCS Inventory Results](#). The Town of St. Pauls' most recent (2017) SWAP Report can be accessed at the following website: [https://www.ncwater.org/files/swap/SWAP Reports/0378030 4 25 2017 85 11.pdf](https://www.ncwater.org/files/swap/SWAP%20Reports/0378030%204%2025%202017%2085%2011.pdf)

The WPC conducted a windshield survey of the WHPA and identified each potential contamination source (PCS) facility or activity that might exist within the WHPA. Onsite visits were made and additional information was obtained regarding quantity and types of contaminants kept on site. The [PCS Data Charts](#) show the sources identified during the inventory along with quantities and types of contaminants found at the site. The [PCS Inventory Maps](#) show the location of each of the identified potential contaminant sources within the WHPA. A list of [example potential contamination sources by risk category](#) is included in the [appendix](#).

Abandoned Wells – The Robeson County Health Department was contacted concerning privately owned abandoned wells. There are no privately owned abandoned wells known of in the WHPA at this time. All inspections of private drinking water wells are conducted by Robeson County Health Department.

Septic Tanks/Municipal Sewer – The Town of St. Pauls utilizes a sanitary sewer collection system, owned and operated by St. Pauls, to dispose of waste. The St. Pauls Wastewater Treatment Plant is located on S. Elizabeth St. and has a permitted capacity of 0.500 mgd. There is a possibility of a few septic tanks located in the south and east portions of the WHPA; however, these areas are mostly undeveloped. Septic



tanks are permitted and inspected by Robeson County Environmental Health who can be reached at 910-272-6560. A map of the collection system for the Town of St. Pauls is shown above.

Lift Stations - There are four (4) liftstations located within the wellhead protection area. Details of each location can be found in the [PCS Data Charts](#).

Transportation Corridors and Railways - The following map displays major transportation corridors and railways located within the WHPA. Heavy areas of transportation or cargo carriage are more susceptible to contamination from continuous exposure to substances through spills and wreckage. Transportation routes of concern in the area include: I-95 Corridor, NC Hwy 20 (Piper, Sanford, Broad St.), US Hwy 301 (5th St.), the CSX Transportation Railroad, S. Odom Rd., Old Stage Rd., and McLean St.

Several local, state and federal databases were searched. [Information describing these databases](#) and types of contaminants located in each are provided in the [appendix](#). A summary of the findings of this research is shown below. Pollution incident records located at the NC DEQ, Division of Waste Management, UST Section of the Fayetteville Regional Office were reviewed and a summary for each current/open case pollution incident has been included. For additional information pertaining to any case, please contact the UST Section at the Fayetteville Regional Office of NC DEQ by calling 910-433-3300.

Regulatory Agency Databases Researched for PCSs	
Database	Results
Animal Operations	None
CERCLIS Sites	None
National Priority List Sites	None
Non-Discharge Permits	None
NPDES Permits	None
Old Landfill Sites	None
PCB Sites	None
Pollution Incidents	Four (4)
RCRA Hazardous Waste Generators/Transporters	None
RCRA TSD Sites	None
Septage Disposal Sites	None
Soil Remediation Sites	None
Solid Waste Facilities	None
Tier II Sites	One (1)
UIC Permits	None
UST Permits	Eleven (11)

Table 6. Regulatory Agency Database PCSs per Type

Current Pollution Incidents (UST Releases and Non-UST Releases)

29449 Walker’s Convenience Store – Soil sample and analysis results, for samples collected at Walker’s Convenience Store on December 12, 2006, indicated a petroleum release had occurred near the area of the northern side of the pump island and/or the UST location. There are (2) 6,000 gallon gasoline USTs and (1) 8,000 gallon gasoline UST located onsite. Testing indicated the presence of gasoline range organics and diesel range organics at levels above the NCDENR reporting level in three of the five soil samples. A contaminated

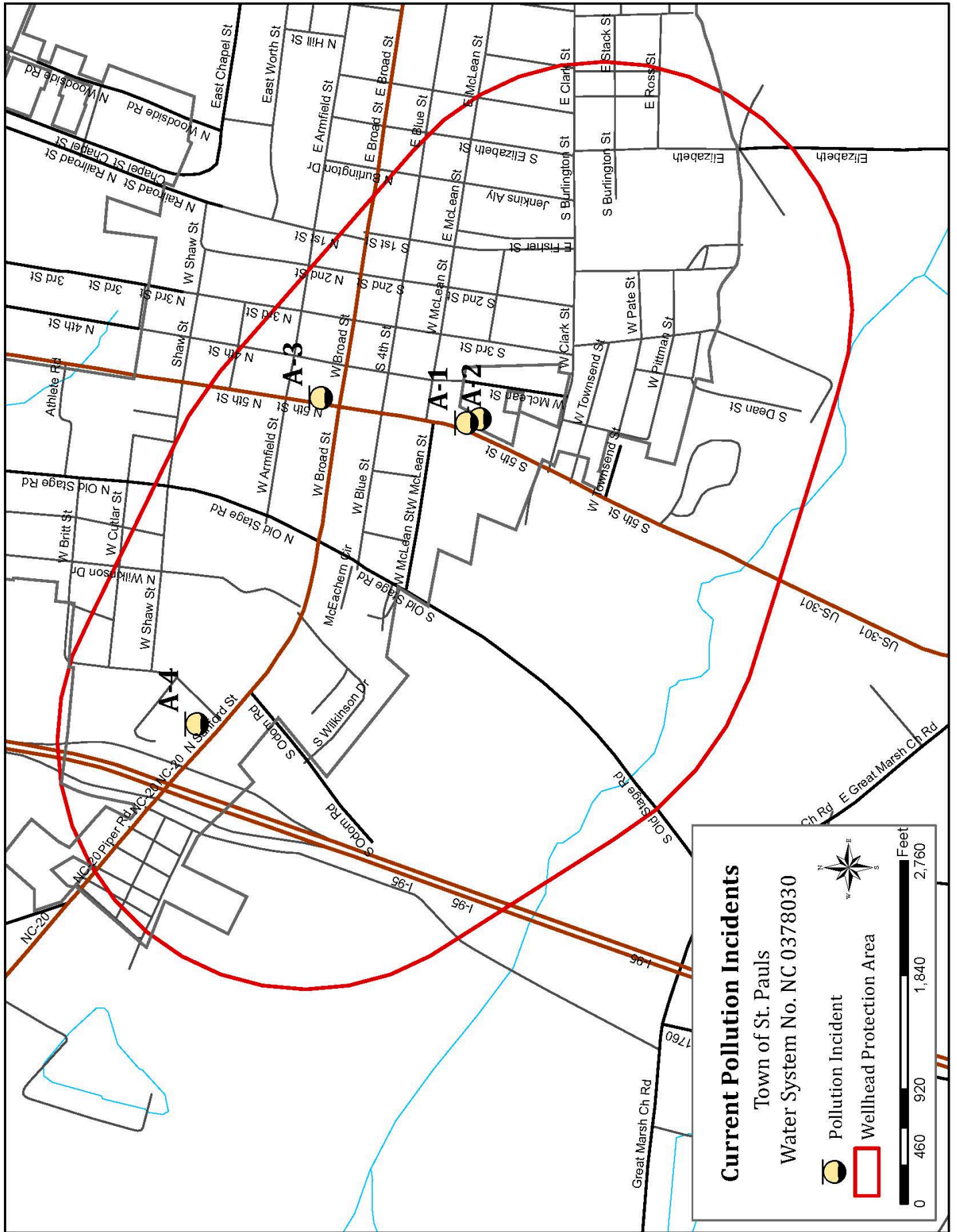
irrigation well was detected at an adjacent property and was taken out of service even though it was not being used. A Monitoring Report from February 2015, states that the Inman Plumbing site, which is located to the south and adjacent to the subject site, has a reported petroleum release that has potentially affected ground water quality at the subject site. (See Incident # 29444 for more details) No free product was encountered in any of the monitoring wells sampled in June 2014 according to this monitoring report. In addition, all testing for volatile organic compound came back with concentrations below the gross contamination levels. May 29, 2015, the incident manager at the Fayetteville Regional Office reviewed data and found no benefit in additional sampling events. No free product had been discovered since 2012 and no monitoring well testing results exceeded gross contamination levels. A Condition I No Further Action letter was mailed by the Fayetteville Regional Office on August 26, 2015. **(Map Code - A-1)**

29444 Inman Plumbing & Heating Co. – Soil and groundwater contamination was documented during removal of substandard, unregistered gasoline and diesel USTs. There was also a 550 gallon heating oil UST removed from this location. This location was discovered after complaint of a contaminated irrigation well owned by William Inman. A Notice of Violation was issued to Mr. Inman for discharging petroleum contaminated groundwater without a permit. There is an additional potential source of contamination next to Inman Plumbing, Walker’s Convenience Store. The limited site assessment conducted in 2008 showed that no groundwater compounds exceeding groundwater contaminant levels. The Inman irrigation well was properly abandoned. This contamination incident was reclassified to “intermediate risk” in 2008. No further activity/reporting has taken place with this incident since. **(Map Code - A-2)**



23447 RS Food Mart 1 – In May 2006, there was reported evidence of free product in at least one monitoring well. Kerr Drug, located across Broad St. from RS Food Mart submitted investigative reports to the Fayetteville Regional Office confirming contamination migrating onto Kerr Drug property from an offsite source. A compliance inspection was performed at RS Food Mart on November 15, 2006 where several significant violations were issued. On February 21, 2013 a bail down free product evaluation was conducted. 0.02 ft. of product was measured in MW-1. After product was bailed for 14 minutes, no product was measured over the next two hour period. Evaluation suggested a relatively quick recharge rate. As of November 25, 2014, there was no free product measured on site since the 2013 bail down event. No groundwater constituents exceeded gross contamination levels. The incident manager mailed a notice of regulatory requirements (NORR) for notice of residual petroleum (NRP) on October 28, 2014. No notice of residual petroleum (NRP) was ever prepared therefore the incident remains active. On November 2, 2016, a UST-61 Release Report Form was received reporting 2.75’ of free product measured in MW-5 on September 13, 2016. Product was removed, bail down tests were conducted, lines and systems were tested with all systems passing. The May 2017 Site Check did not reveal any evidence of a new release. A notice of residual petroleum was recorded on the property deed on July 20, 2017. As of October 2017, the incident manager will direct product recovery by use of absorbents


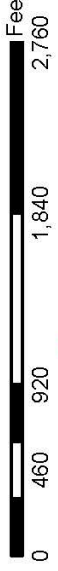
changed monthly supplemented by hand bailing and semi-annual groundwater monitoring. This time will be used to determine if the product can be abated and if there is something more problematic that is ongoing, or if product could be migrating from an off-site source. It will also be suggested that the product plume be delineated in the westerly direction towards N. 5th Street in efforts of also eliminating the off-site migration possibility. It could eventually become necessary to encircle MW-5 for full free product delineation if/when more aggressive methods are determined necessary. **(Map Code - A-3)**

29797 Poco Shop 2 – A Notice of Residual Product was filed July 2013. A Comprehensive Site Assessment was received at the Fayetteville Regional Office, in December 2013, showing MW-11 having 13,000 ug/l benzene and being the only Groundwater Contamination Level violation. There are both volatile and semi-volatile contaminants requiring treatment. The groundwater plume is adequately defined horizontally. There may possibly be a need for further vertical assessment. There are 4 separate areas of soil contamination requiring treatment. Two one-week mobile multi-phase extraction (MMPE) events were conducted from August 18 thru 22 and August 25 thru 29, 2014. A total of 5,087 gallons of contaminated groundwater were recovered. A total of 25.70 gallons of contamination was calculated to have been volatilized out of the vacuum pump stack. Contaminant fate & transport modeling indicates that the horizontal advancement of the plume will not make it to the nearest receptor being the Town of St. Pauls Water Supply Well #3. The Regional Office opinion is with model data indicating WSW is reasonable protected from impact, as best as can be determined, and with declining concentrations including the hotspot area around MW-11, site may be most suited for a Natural Attenuation Corrective Action Plan. CAP was received February 1, 2016. Model results = GW flow trends away from the Well #3, so to be conservative and most protective of the well, the model was conducted with GW flow directed toward the well. The model showed that even with GW flow directed toward the well and vertical travel component ignored, the horizontal advancement of the plume will not make it to the well prior to degradation to below 2L. However, I (incident manager) am cautious because the model cannot integrate drawdown influence from a municipal well nor effects of a drought condition. Monitoring frequency is specified to be semi-annual. Letter report received October 31, 2016 documenting the installation of 2 additional MWs and a total of 4 oxygen emitters. Oxygen emitters were lowered into each of the 4 MWs and connected to supply cylinders. The emitters are actively adding oxygen to the aquifer. Corrective Action Plan Report (CAPR) received October 10, 2017 by email --- Remedial action is NA monitoring supplemented by diffused oxygen emitters in the hot spot surrounding MW-11. Diffusers have been active since October 2016. Recommendations are for additional groundwater monitoring and continued operation of the oxygen diffuser system until such time as the analytical data shows a stable or declining trend, preferably below GCL. A plume stability analysis has been approved on 29797-14 and will be presented in a future report. The incident manager is leaning towards reduction of the CAPR to a semi-annual task since there is very little in the way of O&M information to report on and this technology is not an active remedial system. **(Map Code - A-4)** Please see the following maps for the location of each incident described above, indicated by the referenced map code.



Current Pollution Incidents
 Town of St. Pauls
 Water System No. NC 0378030

 Pollution Incident
 Wellhead Protection Area

Concerns Outside of the Wellhead Protection Area - There is one potential contaminant source that is a concern of the Town of St. Pauls that is located within 125 ft. of the wellhead protection area that is not included in the PCS inventory or risk assessment. However, it is listed here as a location that should be managed. This location is an Auto Repair shop, located at 129 E. Broad St., known as K&F Auto Service. Historically, this business has made repairs to auto equipment on the exterior concrete slab instead of on the inside of the maintenance facility. The Town of St. Pauls has addressed this issue and this location is to only operate inside of its facilities. Concerns of the town include petroleum products, petroleum residuals, and other automotive fluids entering the stormwater system which flows through the wellhead protection area. The location of this area is shown below, as well as information pertaining to this location:



Repair/Maintenance Shop:

**K&F Auto Service
129 E. Broad St,
St. Pauls, NC 28384
910-885-1906**

Potential Contaminant Source Inventory

Table and Maps

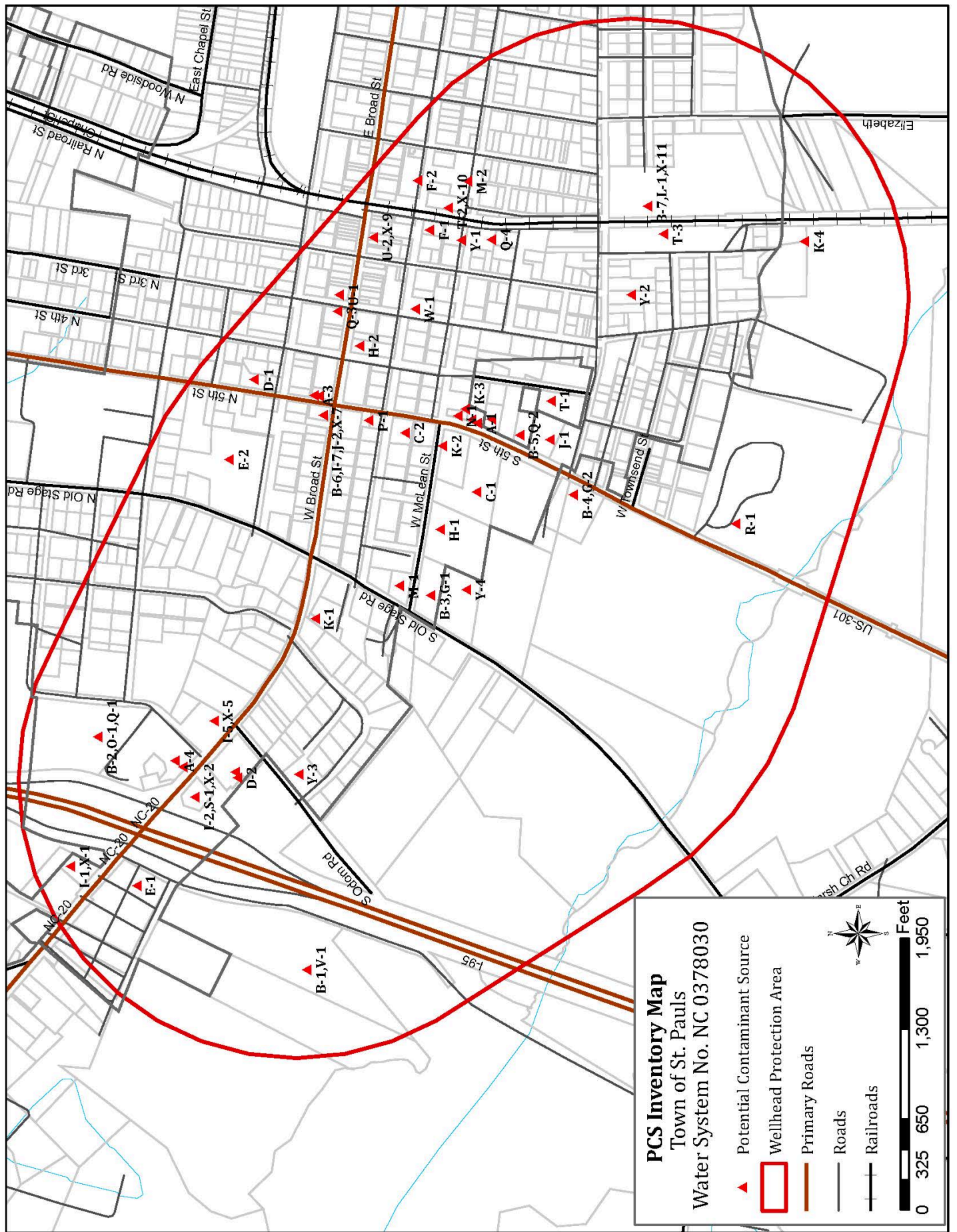
The following table lists the potential sources of contamination in the Town of St. Pauls' wellhead protection area. The exception to this are home heating oil tanks used at many residences, and which remain off the inventory for this reason. The table has map codes used to identify the potential sources of contamination on the PCS Inventory Map. For more detailed information about each potential contaminant source, including information relevant in providing educational materials to owners, please see the [PCS Data Charts](#) or the Site Evaluation Forms for PCSs in the [appendix](#). Where listed on the PCS Data Chart "low quantities" means less than 100-gallons or 100-pounds. The map codes used to identify each potential contaminant site category are detailed in [Table 4](#).

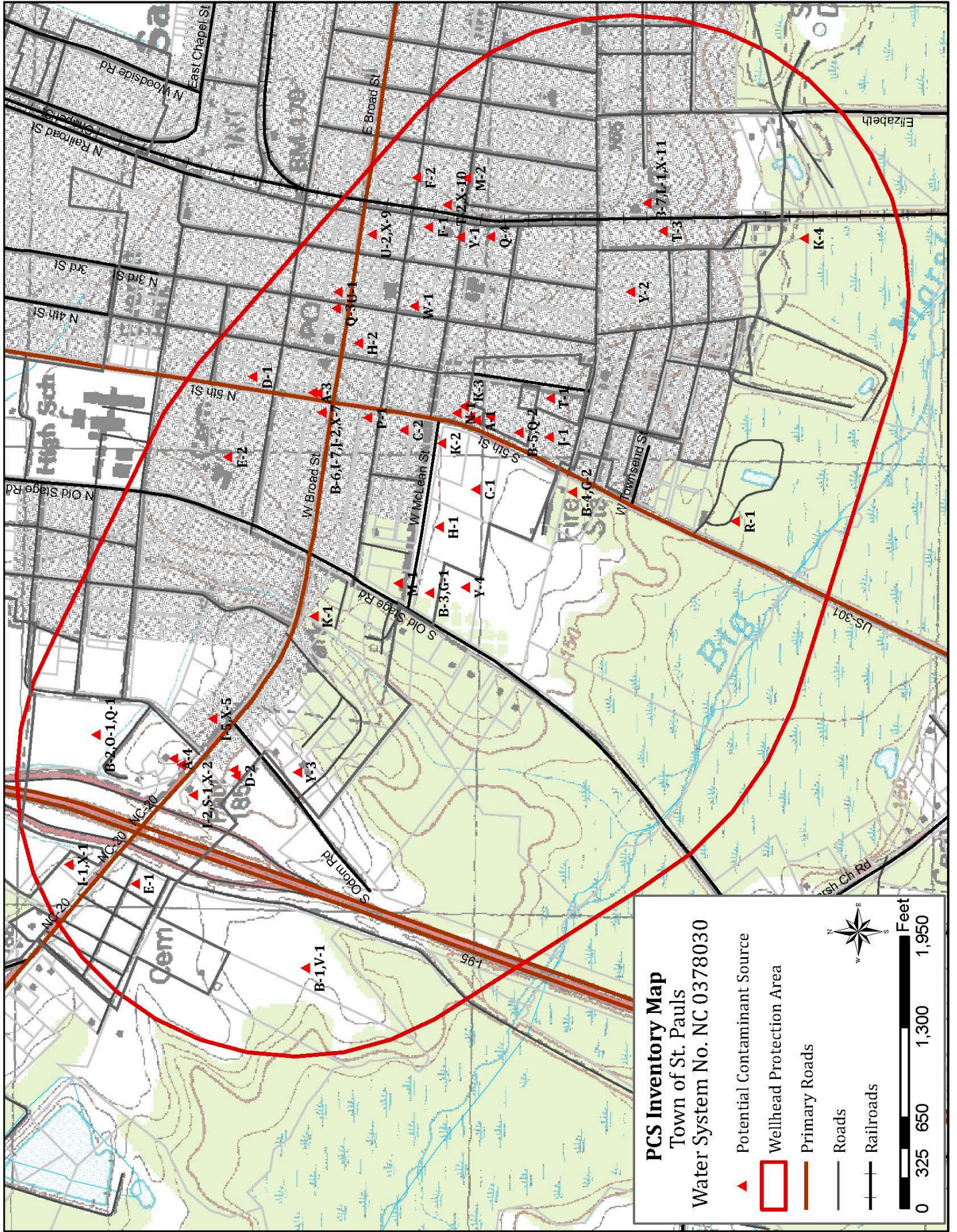
PCS Category	Map Code	PCS Site
Pollution Incident	A-1	Walker's Convenience Store: Incident # 29449
	A-2	Inman Plumbing & Heating Co.: Incident # 29444
	A-3	RS Food Mart 1: Incident # 23447
	A-4	Poco Shop 2: Incident #29797
AST	B-1	St. Pauls NC-NC-419309 Cell Tower
	B-2	TranSource Truck & Trailer Centers
	B-3	St. Pauls Fire Department
	B-4	Big Marsh Fire Department
	B-5	S&S Auto Repair
	B-6	Five Star Discount
	B-7	Family Work Investments, DBA: Superior Ind. Flooring
Auto Parts	C-1	Napa Auto Parts
	C-2	AutoZone
Carwash	D-1	Dudley Properties LLC
	D-2	Kangaroo Carwash
Cemetery	E-1	Oak Ridge Cemetery
	E-2	St. Pauls Presbyterian Church
Chemical Storage	F-1	D.D. McColl Inc.
	F-2	Ensystem Inc.
Fire Department	G-1	St. Pauls Fire Department
	G-2	Big Marsh Fire Department
Funeral Home	H-1	Boles-St. Pauls Funeral Home
	H-2	McNeill Mackie Funeral Home
Gas Station	I-1	Minuteman Food Mart #41
	I-2	Quick Save 1
	I-3	Pantry 3779, DBA: Kangaroo
	I-4	Poco Shop 2
	I-5	Happy Mart 3
	I-6	Woods Convenience Store
	I-7	Five Star Discount
	I-8	Minuteman Food Mart #42
Laundromat	J-1	Village Square Laundry
	J-2	Five Star Discount
Liftstation	K-1	Liftstation #1
	K-2	Liftstation #4
	K-3	Private Liftstation
	K-4	Liftstation #2
Manufacturing/Industry	L-1	Family Work Investments, DBA: Superior Ind. Flooring
Medical Facility	M-1	Three Rivers Medical Center
	M-2	Fresenius Kidney Care St. Pauls
Metal Fabrication	N-1	MKS Construction Group

Table 7. Potential Contaminant Source Inventory Chart

PCS Category	Map Code	PCS Site
Oil Separator	O-1	TranSource Truck & Trailer Centers
Print Shop	P-1	Recognize Designs
Repair/Maintenance Shop	Q-1	TranSource Truck & Trailer Centers
	Q-2	S&S Auto Repair
	Q-3	McDonald Auto Care Center
	Q-4	St. Pauls Public Works Facility
Salvage Yard	R-1	Fields Towing
Septic Tank	S-1	Quick Save 1
Storage Facility	T-1	Village Square Mini Storage
	T-2	The Manning Corporation, DBA: Genesis Wholesale
	T-3	A Butler Plant Plant #27, DBA: Brock Cabinet
Supply/Hardware Store	U-1	St. Pauls Farmers Exchange
	U-2	D.D. McColl Inc.
Telecommunications Tower	V-1	St. Pauls NC-NC-419309 Cell Tower
Tier II Facility	W-1	Centurylink
UST	X-1	Minuteman Food Mart #41
	X-2	Quick Save 1
	X-3	Pantry 3779, DBA: Kangaroo
	X-4	Poco Shop 2
	X-5	Happy Mart 3
	X-6	Woods Convenience Store
	X-7	Five Star Discount
	X-8	Minuteman Food Mart #42
	X-9	D.D. McColl Inc.
	X-10	The Manning Corporation, DBA: Genesis Wholesale
	X-11	Family Work Investments, DBA: Superior Ind. Flooring
Water Treatment Facility	Y-1	St. Pauls Water Treatment Plant
	Y-2	Well #2
	Y-3	Well #3
	Y-4	Well #4

Table 7. Potential Contaminant Source Inventory Chart





WHPA	PCS Category	Map Code	PCS Site	Physical Location
2, 4	Pollution Incident	A-1	Walker's Convenience Store Incident #: 29449	315 S. 5th St. St. Pauls, NC 28384
2, 4	Pollution Incident	A-2	Inman Plumbing & Heating Co. Incident #: 29444	323 S. 5th St. St. Pauls, NC 28384
4	Pollution Incident	A-3	RS Food Mart 1 Incident #: 23447	104 N. 5th St. St. Pauls, NC 28384
3, 4	Pollution Incident	A-4	Poco Shop 2 Incident #: 29797	940 W. Broad St. St. Pauls, NC 28384
3	AST Telecommunications Tower	B-1, V-1	St. Pauls NC - NC-419309 FCC Tower Reg. #: 1004971 FCC Site ID: CATS ID #227546	Behind Oak Ridge Cemetery
3	AST Oil Separator Repair/Maintenance Shop	B-2, O-1 Q-1	TranSource Truck & Trailer Centers	100 N. Sanford St. St. Pauls, NC 28384 910-865-3002
3, 4	AST Fire Department	B-3, G-1	St. Pauls Fire Department	585 W. McLean St. St. Pauls, NC 28384 910-865-4603
2, 4	AST Fire Department	B-4, G-2	Big Marsh Fire Department	456 S. 5th St. St. Pauls, NC 28384
2, 4	AST Repair/Maintenance Shop	B-5, Q-2	S&S Auto Repair	343 S. 5th St. St. Pauls, NC 28384 910-865-2147
4	AST Gas Station UST	B-6, I-7 J-2,X-7	Five Star Discount Fac. ID: 00-019931 Cert. #: 20170694101	502 W. Broad St. St. Pauls, NC 28384
2	AST Manufacturing/Indu stry UST	B-7, L-1 X-11	Family Work Investments DBA: Superior Ind. Flooring Carolina Mills Plants #25 Fac. ID: 00-026910	106 E. Clark St. (A) St. Pauls, NC 28384 910-865-6565
2, 4	Auto Parts	C-1	Napa Auto Parts	324 S. 5th St. St. Pauls, NC 28384 910-865-5105
2, 4	Auto Parts	C-2	AutoZone	201 S. 5th St. St. Pauls, NC 28384 910-865-2731
4	Carwash	D-1	Dudley Properties LLC (8 Bay Manual Carwash)	218 N. 5th St. St. Pauls, NC 28384 910-920-6035

WHPA	PCS Category	Map Code	PCS Site	Physical Location
3, 4	Carwash	D-2	Kangaroo Carwash	921 W. Broad St. St. Pauls, NC 28384
3	Cemetery	E-1	Oak Ridge Cemetery	1019 W. Broad St. St. Pauls, NC 28384 910-865-5164
4	Cemetery	E-2	St. Pauls Presbyterian Church	228 N. Old Stage Rd. St. Pauls, NC 28384
2	Chemical Storage	F-1	D.D. McColl Inc.	114 W. Blue St. St. Pauls, NC 28384 910-865-5106
2	Chemical Storage	F-2	Ensystem Inc.	105 W. Blue St. St. Pauls, NC 28384
4	Funeral Home	H-1	Boles-St. Pauls Funeral Home	565 W. McLean St. St. Pauls, NC 28384 910-565-3400
2, 4	Funeral Home	H-2	McNeill Mackie Funeral Home	319 W. Broad St. St. Pauls, NC 28384 910-865-4105
3	Gas Station UST	I-1, X-1	Minuteman Food Mart #41 Fac. ID: 00-034494 Cert. #: 201705292R1	1038 W. Broad St. St. Pauls, NC 28384 910-863-3070
3, 4	Gas Station Septic Tank UST	I-2, S-1 X-2	Quick Save 1 Fac. ID: 00-019739 Cert. #: 20170336101	941 W. Broad St. St. Pauls, NC 28384
3, 4	Gas Station UST	I-3, X-3	Pantry 3779 DBA: Kangaroo Fac. ID: 00-035923 Cert #: 20170673801	921 W. Broad St. St. Pauls, NC 28384
3, 4	Gas Station UST	I-4, X-4	Poco Shop 2 Fac. ID: 00-019204 Cert. #: 20170463301	940 W. Broad St. St. Pauls, NC 28384 910-865-2277
3, 4	Gas Station UST	I-5, X-5	Happy Mart 3 Fac. ID: 00-033200 Cert. #: 20170186101	902 W. Broad St. St. Pauls, NC 28384
2, 4	Gas Station UST	I-6, X-6	Woods Convenience Store Fac. ID: 00-026873 Cert. #: 20170348401	315 S. 5th St. St. Pauls, NC 28384 910-865-1417
4	Gas Station UST	I-8, X-8	Minuteman Food Mart #42 Fac. ID: 00-019033 Cert. #: 201703918R1	104 N. 5th St. St. Pauls, NC 28384 910-865-1476
2, 4	Laundromat	J-1	Village Square Laundry	347 S. 5th St. St. Pauls, NC 28384

WHPA	PCS Category	Map Code	PCS Site	Physical Location
3, 4	Liftstation	K-1	Liftstation #1	S. Wilkerson Dr. & W. Broad St. St. Pauls, NC 28384
2, 4	Liftstation	K-2	Liftstation #4	Corner of W. McLean & S. 5th St. St. Pauls, NC 28384
2, 4	Liftstation	K-3	Private Lift Station	Corner of W. McLean & 5th St. St. Pauls, NC 28384
2	Liftstation	K-4	Lift Station #2	S. Butler St. St. Pauls, NC 28384 910-865-5164
3, 4	Medical Facility	M-1	Three Rivers Medical Center	580 W. McLean St. St. Pauls, NC 28384 910-615-3570
2	Medical Facility	M-2	Fresenius Kidney Care St. Pauls	153 E. McLean St. St. Pauls, NC 28384
2, 4	Metal Fabrication	N-1	MKS Construction Group	303 S. 5th St. St. Pauls, NC 28384
4	Print Shop	P-1	Recognize Designs	116 S. 5th St. St. Pauls, NC 28384 910-865-1175
4	Repair/Maintenance Shop	Q-3	McDonald Auto Care Center	302 W. Broad St. St. Pauls, NC 28384 910-865-5135
2	Repair/Maintenance Shop	Q-4	St. Pauls Public Works Facility	109 W. McLean St. St. Pauls, NC 28384 910-865-5164
2, 4	Salvage Yard	R-1	Fields Towing	639 S. 5th St. St. Pauls, NC 28384 910-865-4695
2, 4	Storage Facility	T-1	Village Square Mini Storage	347 S. 5th St. St. Pauls, NC 28384
2	Storage Facility UST	T-2, X-10	The Manning Corporation DBA: Genesis Wholesale Fac. ID: 00-002737	8 W. Blue St. St. Pauls, NC 28384
2	Storage Facility	T-3	A Butler Plant Plant # 27 DBA: Brock Cabinet	109 W. Clark St. St. Pauls, NC 28384
4	Supply/Hardware Store	U-1	St. Pauls Farmers Exchange	222 W. Broad St. St. Pauls, NC 28384 910-865-4149

WHPA	PCS Category	Map Code	PCS Site	Physical Location
2	Supply/Hardware Store UST	U-2, X-9	D.D. McColl Inc.	111 W. Broad St. St. Pauls, NC 28384 910-865-5106
2, 4	Tier II Facility	W-1	Centurylink	211 W. Blue St. St. Pauls, NC 28384 910-270-3030
2, 4	Water Treatment Facility	Y-1	St. Pauls Water Treatment Plant	108 W. McLean St. St. Pauls, NC 28384 910-865-5164
2, 4	Water Treatment Facility	Y-2	Well #2	Second St. & Clark St. St. Pauls, NC 28384 910-865-5164
3, 4	Water Treatment Facility	Y-3	Well #3	Odom Rd. St. Pauls, NC 28384
3, 4	Water Treatment Facility	Y-4	Well #4	Fire Station Lot St. Pauls, NC 28384

IV. RISK ANALYSIS

A Risk Assessment for St. Pauls 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-3, Moderate-2, and Lower-1]. Sites with known soil and/or groundwater contamination were assigned a score of "4". Each site of potential or known contamination was then assigned a "proximity" score calculated with the following equation:

$$\text{proximity score} = 1 - (\text{distance from the pumping center} / \text{radius of the WHPA})$$

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 8](#) displays the potential risk of contamination to each individual well from highest probability to lowest.

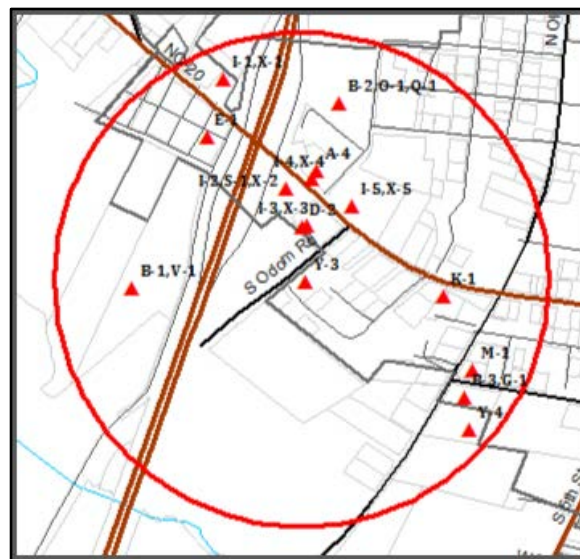
Well Site	Physical Location	Yield (gpm)	Total Risk Score (H to L)
Well #4	Fire Station Lot	600	27.72
Well #2	Clark/Second Streets	458	16.29
Well #3	Odom Rd.	504	15.38

Table 8. Risk Assessment of Contamination to Individual Well Sites

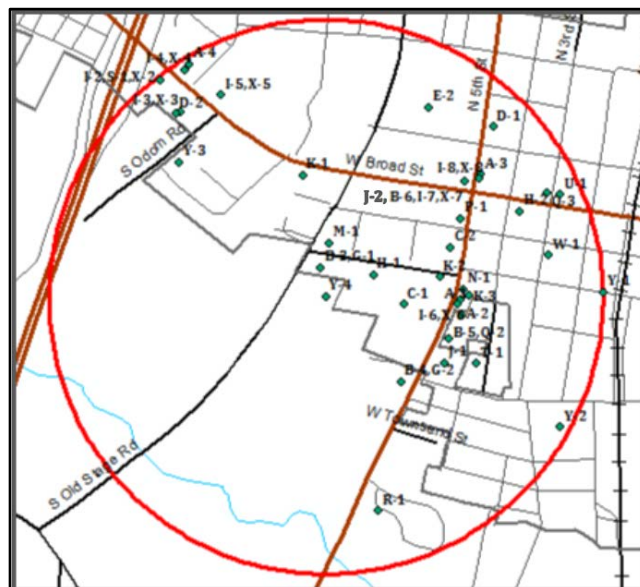
Images below show the delineated area of contribution for each well 2, 3, and 4 [based on Table 1 (pg. 11) of *The Wellhead Protection Guidebook*] prior to the overlapping areas being combined and smoothed to form one WHPA.



Well #2



Well #3



Well #4

Tables 9-11 present the PCSs ranked according to their final score from highest to lowest for each well. There were no potential contaminants located outside of the determined radii for each well (located in the smoothed portion of the WHPA).

Well #2 Potential Contaminant Ranking

Map Code	PCS Site	Risk	Distance from Well (ft.)	WHPA Radius (ft.)	Proximity Score	Category Score*	Final Score
B-7, L-1 X-11	Family Work Investments DBA: Superior Ind. Flooring Carolina Mills Plants #25 Fac. ID: 00-026910	H	665	2,000	0.67	3	2.00
Q-4	St. Pauls Public Works Facility	H	1,080	2,000	0.46	3	1.38
A-2	Inman Plumbing & Heating Co. Incident #: 29444	H	1,335	2,000	0.33	4	1.33
A-1	Walker's Convenience Store Incident #: 29449	H	1,430	2,000	0.29	4	1.14
B-5, Q-2	S&S Auto Repair	H	1,275	2,000	0.36	3	1.09
I-6, X-6	Woods Convenience Store Fac. ID: 00-026873 Cert. #: 20170348401	H	1,450	2,000	0.28	3	0.83
T-2, X-10	The Manning Corporation DBA: Genesis Wholesale Fac. ID: 00-002737	H	1,460	2,000	0.27	3	0.81
T-3	A Butler Plant Plant # 27 DBA: Brock Cabinet	L	510	2,000	0.75	1	0.75
N-1	MKS Construction Group	H	1,510	2,000	0.25	3	0.74
Y-1	St. Pauls Water Treatment Plant	M	1,285	2,000	0.36	2	0.72
K-4	Lift Station #2	M	1,310	2,000	0.35	2	0.69
W-1	Centurylink	H	1,550	2,000	0.23	3	0.68
K-3	Private Lift Station	M	1,440	2,000	0.28	2	0.56
T-1	Village Square Mini Storage	L	945	2,000	0.53	1	0.53
B-4, G-2	Big Marsh Fire Department	M	1,485	2,000	0.26	2	0.52
F-1	D.D. McColl Inc.	M	1,525	2,000	0.24	2	0.48
J-1	Village Square Laundry	L	1,180	2,000	0.41	1	0.41
F-2	Ensystem Inc.	H	1,745	2,000	0.13	3	0.38
R-1	Fields Towing	H	1,800	2,000	0.10	3	0.30
M-2	Fresenius Kidney Care St. Pauls	L	1,440	2,000	0.28	1	0.28
K-2	Liftstation #4	M	1,730	2,000	0.14	2	0.27
C-1	Napa Auto Parts	M	1,785	2,000	0.11	2	0.22
C-2	AutoZone	M	1,895	2,000	0.05	2	0.11
U-2, X-9	D.D. McColl Inc.	M	1,900	2,000	0.05	2	0.10
H-2	McNeill Mackie Funeral Home	L	1,980	2,000	0.01	1	0.01

Total Risk Score **16.29**

Table 9. Well #2 Potential Contaminant Ranking from Highest to Lowest

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

Well #3 Potential Contaminant Ranking

Map Code	PCS Site	Risk	Distance from Well (ft.)	WHPA Radius (ft.)	Proximity Score	Category Score*	Final Score
I-3, X-3	Pantry 3779 DBA: Kangaroo Fac. ID: 00-035923 Cert #: 20170673801	H	402	2,000	0.80	3	2.40
A-4	Poco Shop 2 Incident #: 29797	H	890	2,000	0.56	4	2.22
I-5, X-5	Happy Mart 3 Fac. ID: 00-033200 Cert #: 20170186101	H	730	2,000	0.64	3	1.91
I-2, S-1 X-2	Quick Save 1 Fac. ID: 00-019739 Cert #: 20170336101	H	745	2,000	0.63	3	1.88
I-4, X-4	Poco Shop 2 Fac. ID: 00-019204 Cert #: 20170463301	H	825	2,000	0.59	3	1.76
D-2	Kangaroo Carwash	M	430	2,000	0.79	2	1.57
K-1	Liftstation #1	M	1,165	2,000	0.42	2	0.84
B-2, O-1 Q-1	TranSource Truck & Trailer Centers	H	1,460	2,000	0.27	3	0.81
B-1, V-1	St. Pauls NC - NC-419309 FCC Tower Reg. #: 1004971 FCC Site ID: CATS ID #227546	M	1,365	2,000	0.32	2	0.64
I-1, X-1	Minuteman Food Mart #41 Fac. ID: 00-034494 Cert #: 201705292R1	H	1,740	2,000	0.13	3	0.39
B-3, G-1	St. Pauls Fire Department	M	1,635	2,000	0.18	2	0.37
E-1	Oak Ridge Cemetery	L	1,380	2,000	0.31	1	0.31
M-1	Three Rivers Medical Center	L	1,575	2,000	0.21	1	0.21
Y-4	Well #4	L	1,835	2,000	0.08	1	0.08

Total Risk Score **15.38**

Table 10. Well #3 Potential Contaminant Ranking from Highest to Lowest

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

Well #4 Potential Contaminant Ranking

Map Code	PCS Site	Risk	Distance from Well	WHPA Radius (ft.)	Proximity Score	Category Score*	Final Score
A-1	Walker's Convenience Store Incident #: 29449	H	1,200	2,500	0.52	4	2.08
A-2	Inman Plumbing & Heating Co. Incident #: 29444	H	1,240	2,500	0.50	4	2.02
B-3, G-1	St. Pauls Fire Department	M	265	2,500	0.89	2	1.79
B-5, Q-2	S&S Auto Repair	H	1,175	2,500	0.53	3	1.59
I-6, X-6	Woods Convenience Store Fac. ID: 00-026873 Cert. #: 20170348401	H	1,220	2,500	0.51	3	1.54
N-1	MKS Construction Group	H	1,250	2,500	0.50	3	1.50
C-1	Napa Auto Parts	M	710	2,500	0.72	2	1.43
B-4, G-2	Big Marsh Fire Department	M	1,020	2,500	0.59	2	1.18
K-2	Liftstation #4	M	1,045	2,500	0.58	2	1.16
A-3	RS Food Mart 1 Incident #: 23447	H	1,775	2,500	0.29	4	1.16
K-1	Liftstation #1	M	1,110	2,500	0.56	2	1.11
B-6, I-7 J-2, X-7	Five Star Discount Fac. ID: 00-019931 Cert. #: 20170694101	H	1,625	2,500	0.35	3	1.05
C-2	AutoZone	M	1,210	2,500	0.52	2	1.03
K-3	Private Lift Station	M	1,300	2,500	0.48	2	0.96
I-8, X-8	Minuteman Food Mart #42 Fac. ID: 00-019033 Cert. #: 201703918R1	H	1,750	2,500	0.30	3	0.90
H-1	Boles-St. Pauls Funeral Home	L	470	2,500	0.81	1	0.81
M-1	Three Rivers Medical Center	L	480	2,500	0.81	1	0.81
R-1	Fields Towing	H	1,990	2,500	0.20	3	0.61
I-5, X-5	Happy Mart 3 Fac. ID: 00-033200 Cert. #: 20170186101	H	2,050	2,500	0.18	3	0.54
W-1	Centurylink	H	2,050	2,500	0.18	3	0.54
J-1	Village Square Laundry	L	1,230	2,500	0.51	1	0.51
I-3, X-3	Pantry 3779 DBA: Kangaroo Fac. ID: 00-035923 Cert #: 20170673801	H	2,120	2,500	0.15	3	0.46
P-1	Recognize Designs	L	1,405	2,500	0.44	1	0.44
T-1	Village Square Mini Storage	L	1,485	2,500	0.41	1	0.41
Q-3	McDonald Auto Care Center	H	2,205	2,500	0.12	3	0.35
D-2	Kangaroo Carwash	M	2,130	2,500	0.15	2	0.30
D-1	Dudley Properties LLC (8 Bay Manual Carwash)	M	2,150	2,500	0.14	2	0.28
Y-3	Well #3	L	1,835	2,500	0.27	1	0.27
H-2	McNeill Mackie Funeral Home	L	1,915	2,500	0.23	1	0.23

Table 11. Potential Contaminant Score per PCS Ranking from Highest to Lowest cont...

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

Well #4 Potential Contaminant Ranking

Map Code	PCS Site	Risk	Distance from Well	WHPA Radius (ft.)	Proximity Score	Category Score*	Final Score
E-2	St. Pauls Presbyterian Church	L	1,945	2,500	0.22	1	0.22
U-1	St. Pauls Farmers Exchange	M	2,310	2,500	0.08	2	0.15
I-4, X-4	Poco Shop 2 Fac. ID: 00-019204 Cert. #: 20170463301	H	2,405	2,500	0.04	3	0.11
A-4	Poco Shop 2 Incident #: 29797	H	2,435	2,500	0.03	4	0.10
I-2, S-1 X-2	Quick Save 1 Fac. ID: 00-019739 Cert. #: 20170336101	H	2,460	2,500	0.02	3	0.05
Y-2	Well #2	L	2,425	2,500	0.03	1	0.03
Y-1	St. Pauls Water Treatment Plant	M	2,500	2,500	0.00	2	0.00
Total Risk Score							<u>27.72</u>

Table 11. Potential Contaminant Score per PCS Ranking from Highest to Lowest

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

Vulnerability Assessment

Based upon the risk assessment above, the following vulnerability assessment was derived for St. Pauls' permitted public drinking water supply wells. Taking into consideration the nature and number of PCSs and the overall score of each PCS from the risk assessment above, a ranking of the vulnerability of the water supply wells is as follows with the well at the highest risk being designated as number one:

1. Well #4: Fire Station Lot
2. Well #2: Clark/Second Streets
3. Well #3: Odom Rd.

Taking into consideration the overall score of each PCS from the risk assessment, the following sites are considered to be at the highest risk of contaminating the water supply.

1. Kangaroo Gas Station – 921 W. Broad St. (I-3, X-3)
2. Poco Shop 2, Incident #: 29797 – 940 W. Broad St. (A-4)
3. Walker's Convenience Store, Incident # 29449 – 315 S. 5th St. (A-1)

The Kangaroo gas station is ranked as the highest risk of contamination with a risk score of 2.40. The Premium STP sump is located approximately 402 ft. from Well #3, has two (2) 12,000 gallon gasoline tanks stored underground and has an automatic carwash located onsite. These tanks were installed in June 1999 and invoices show that double-walled tanks and piping are installed at this site. The UST compliance inspector visited this site on January

23, 2018 for verification. Interstitial monitoring is to begin immediately. A ball float valve is used for overfill protection and a catchment basin is installed for spill protection. For more details on this location, please see the Tanks and Piping Information report, located in the appendix, provided by the Division of Waste Management.

The Poco Shop 2 pollution incident #29797, with a risk score of 2.22, was discovered in July 2013. Current recommendations from the Fayetteville Regional Office of the DWR, UST Section, are for additional groundwater monitoring and continued operation of the oxygen diffuser system until such time as the analytical data shows a stable or declining trend, preferably below GCL. A plume stability analysis has been approved. For further details, please see the pollution incident description in the Potential Contaminant Source inventory or contact the UST Section of the Fayetteville Regional Office of the DWR at 910-433-3300.

The Walker’s Convenience Store, pollution incident #29449, with a risk score of 2.08, was confirmed when soil sample and analysis results, for samples collected on December 12, 2006, indicated a petroleum release had occurred near the area of the northern side of the pump island and/or the UST location. According to the Fayetteville Regional Office of the DWR, UST Section, no free product had been discovered since 2012 and no monitoring well testing results exceeded gross contamination levels. A Condition I No Further Action letter was mailed by the Fayetteville Regional Office on August 26, 2015. For further details, please see the pollution incident description in the Potential Contaminant Source inventory or contact the UST Section of the Fayetteville Regional Office of the DWR at 910-433-3300.

The Source Water Assessment Plan (SWAP) report, developed by the Public Water Supply Section, lists the Inherent Vulnerability Rating, the Contaminant Rating, and the Susceptibility Rating for St. Pauls wells as follows:

Table 2. SWAP Results Summary

Source Name	Inherent Vulnerability Rating	Contaminant Rating	Susceptibility Rating
WELL #2	Lower	Higher	Moderate
WELL #3	Lower	Higher	Moderate
WELL #4	Moderate	Higher	Higher

A full copy of the report and explanations for the ratings may be found on the Public Water Supply Section website at the following address:

[https://www.ncwater.org/files/swap/SWAP Reports/0378030 4 25 2017 85 11.pdf](https://www.ncwater.org/files/swap/SWAP%20Reports/0378030%204%2025%202017%2085%2011.pdf)

V. MANAGEMENT OF THE WELLHEAD PROTECTION AREA

There are two methods of managing a Wellhead Protection Area, regulatory or non-regulatory. The Town of St. Pauls has selected a non-regulatory approach to manage the wellhead protection area, which will include the following:

Public Education

The Town Administrator has the primary responsibility for implementing the public education program. The Wellhead Protection Committee may be consulted as required. The [PCS Data Charts](#) list owner contact information for the identified potential contaminant sources within the WHPA for distribution of educational brochures on best management practices.

A [Wellhead Protection Brochure](#) and/or newsletter will be made available to each resident, business, agricultural operation and industry within the Wellhead Protection Area. Copies of this brochure will be made available at the Town of St. Pauls Town Hall and other locations deemed necessary for public education on Wellhead Protection. In general, the brochure and/or newsletter 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 following management practices have been developed to meet current and future needs of managing multiple types of contaminants in the wellhead protection area. Regulations adopted through Town Ordinances supersede the following.

Waste Management Practices

The Town of St. Pauls will provide information to each business, industry, and farm located within the WHPA 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. Also provided will be information regarding the North Carolina Division of Environmental Assistance and Customer Service (DEACS) to each business located within the WHPA. Owners/operators of potential contamination sources will be encouraged to contact DEACS. 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. DEACS serves as a central repository for waste reduction and pollution prevention information. 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, DEACS may be contacted at (919) 707-8100 or (877) 623-6748. For environmental emergencies, the agency can be contacted at (800) 858-0368.

Currently, the Town of St. Pauls funds their own sanitation department which offers weekly curbside collection of household garbage; however, this does not include household hazardous waste materials. Residents are required to dispose of hazardous waste materials properly by taking such materials to the Robeson County waste disposal/recycling center located in St. Pauls, NC at 246 Landfill Rd.. Limbs and leaves (and other yard waste) and white goods are picked up on a weekly basis. Residential recycling is collected on a bi-monthly basis. Residents are required to dispose of all electronics at the landfill. More detailed information relating to Solid Waste/Recycling services for Robeson County can be found at: <http://www.robesoncountysw.org/index.php/collections-sites>. A listing of all [Robeson County Solid Waste Collection Site locations](#) can be found in the [appendix](#). Currently there are twenty (20) waste collection centers in the county.

Personnel Training

A staff meeting will be conducted with public works employees and town personnel to educate them on wellhead protection and the Town of St. Pauls' wellhead protection program. They will be advised to be observant, while performing their duties, for any potential contaminant incidents. They will also be provided training and education on standard operating procedures and emergency measures for dealing with contamination incidents. Personnel at facilities owned and/or operated by the Town of St. Pauls will be educated on 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 St. Pauls will also contact the DEACS to investigate steps that can be taken to reduce the amount of waste released into the air and water and on the land at town owned and/or managed facilities.

Improperly Constructed or Abandoned Wells

In the instance that an improperly constructed or abandoned well is discovered and identified within the WHPA, the owner will be provided information regarding the threat posed to the water supply by these wells. Owners of improperly constructed or abandoned wells will be encouraged to have these wells properly abandoned in accordance with state well construction standards found in 15A NCAC 2C, "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 St. Pauls will notify the Fayetteville Regional Office of the NC Division of Water Resources.

Underground Storage Tanks

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.

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 St. Pauls with a copy of their UST permit. If any UST sites are found to be non-compliant, the Underground Storage Tank Section of the NC Division of Waste Management of DEQ 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 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 WHPA, St. Pauls 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 St. Pauls will also notify the State agencies with oversight responsibilities for remediation of the location of the facility within the WHPA and its proximity to a public water supply well. The Town will also contact the State agencies with oversight responsibilities for the contamination incidents and notify them of the locations of the sites issued notices of "No-Further Action" occurring within the WHPA and will request a review of this assessment.

The Town of St. Pauls will notify any individual, industry, business, or government agency installing or planning to install a regulated underground storage tank within the 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:

- 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.
- 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. *

Above Ground Storage Tanks

*Owners/facilities with an underground buried storage capacity of more than 42,000 gallons of oil, or an aggregate aboveground storage capacity greater than 1,320 gallons of oil, or an aboveground storage capacity of a single container in excess of 660 gallons are subject to the Oil Pollution Prevention regulations contained in Federal Regulations found in 40 CFR 112. In most cases, these facilities must prepare and implement a Spill Prevention Control and Countermeasures (SPCC) Plan. The Town of St. Pauls will request a copy of the spill plan for each UST/AST facility located within the WHPA that require such document. The North Carolina General Statutes require registration of any facilities storing more than 21,000 gallons of petroleum product. Facilities with subject storage capacity found not to be in compliance with this regulation will be notified of their regulatory responsibility under this regulation. The WPC should also notify the Department of Environmental Quality, UST Section, if such facilities do not promptly come into compliance.

Residential, Municipal, and Industrial Wastewater Discharge

All farms, residents, businesses, and industries in the WHPA with septic tanks and home heating oil tanks will be distributed a copy of the Wellhead Protection brochure and/or newsletter and any other information St. Pauls can obtain from federal, county and/or state agencies on proper septic tank and heating oil tank maintenance. The Town will obtain standard operating procedures for the maintenance of any wastewater collection system (including lift stations) operating in any WHPA. St. Pauls will also obtain annual wastewater reports from owners of municipal wastewater collection systems providing services in the WHPA. Reports will be reviewed to ensure that adequate maintenance, including but not limited to the interior cleaning of sewage lines, is performed routinely to reduce the potential for sanitary sewer overflows as required by the NC Water Quality Collections System (WQCS) permit. Sanitary sewer overflow information can be obtained from the Department of Environmental Quality, Water Quality Section, at the Fayetteville Regional Office by calling (910) 433-3300.

The Town will contact the Division of Water Resources, Water Quality Permitting Section 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 Quality 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 does not discharge water or wastewater of any sort onto the land surface and therefore is not a Non-NPDES Permitted facility.

St. Pauls will contact the Division of Water Resources, Water Quality Permitting Section 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 Quality 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.

Hazardous Chemical Storage

The Town of St. Pauls 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 St. Pauls 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 of St. Pauls will contact the NC Hazardous Materials Fayetteville Regional Response Team at (910) 433-1731 or the dispatch number at (910) 433-1911.

Pesticide Handling and Disposal

The Town of St. Pauls will contact all facilities or agricultural operations within the WHPA 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 adherence to all NC Pesticide Laws. The Town 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. Robeson County Cooperative Extension offers a bi-annual pesticide collection day, to be held next around April 2018. For more details on this event, contact the Robeson County Extension Office at 910-671-3276. These facilities will also be provided with information regarding the NC DEACS.

Animal Operations

The Town of St. Pauls will contact the Division of Environmental Quality (DEQ) regarding any lagoons or animal operations located within its WHPA if they suspect they may contaminate the ground water supply. It will also determine if facilities are in compliance with any regulatory and/or permit requirements pertaining to environmental protection such as routine monitoring and reporting requirements. Notification will be made to the Division of Environmental Quality if it is determined that a facility has failed to maintain compliance with any regulatory and/or permit requirements pertaining to environmental protection such as routine monitoring and reporting requirements. A Wellhead Protection brochure and/or newsletter will be delivered to each animal operations facility, in addition to information on best management practices.

VI. EMERGENCY CONTINGENCY PLAN

The Town of St. Pauls' Public Works Director is the primary individual responsible for implementing contingency plans. The alternate responsibility lies with the Assistant Public Works Director. 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 St. Pauls' water system has a total combined storage capacity of 450,000 gallons. Its average daily usage is approximately .206 mgd. This confirms that the system has enough water stored for 48 hours of use under normal operating conditions. There are three (3) interconnections with the Robeson County Water System (PWSID #: 03-78-055) used for the purchase or sale of water during emergencies only. With the occurrence of a brief power outage, the Town of St. Pauls will operate from the stored water supply. If the water supply reaches the point of low pressure, the Town will utilize its interconnection with the Robeson County Water System. Well # 4 and the water treatment plant can be operated by portable generator. However, the purchase of an onsite generator to operate the water treatment plant and Well # 4 is high on the priority list of the capital improvement plan and will be purchased when funding is 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 St. Pauls' wells were to become contaminated, they would be isolated from the rest of the public water supply system by closing a valve located at each well site. 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. Social media channels may be utilized, as well as door-to-door 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 St. Pauls. 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 St. Pauls' water supply was once again safe for consumption. Boil water advisories would be used throughout this contamination incident in accordance with state regulations.

In the event of water contamination occurring in both the Robeson County water system and the St. Pauls water system, the National Guard Armory (Spt. Co., 1st Battalion, 252nd Armor) in Lumberton would provide water from the Division of Emergency Management in Raleigh. During the flushing of St. Pauls' wells, the North Carolina National Guard would be notified at 910-739-4910. The National Guard would utilize a central location to provide potable water to Town residents until the Town's water system was deemed safe or the County system was ready for operation.

Should a major oil or chemical spill occur within the Wellhead Protection Area, appropriate emergency agencies will be notified. The first of these will be the Robeson County Emergency Services Director.

Robeson County Emergency Services: (910) 671-3150

Emergency contact resources and information are found in the [appendix](#). This comprehensive listing includes contact information for emergency contacts, local utilities, local resources, county and municipal fire departments, and state and national agencies.

VII. IMPLEMENTING, MAINTAINING, AND UPDATING THE WHP PLAN

Public Participation

This plan will be available for public review at any time by visiting the St. Pauls Town Hall. The Town of St. Pauls 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 St. Pauls' 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 St. Pauls will amend its Wellhead Protection Plan to include any new wells 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 to determine the area of vulnerability.
2. Develop a contaminant source inventory for the preliminary WHPA.

3. Submit the information obtained in Steps 1 and 2 above to the Wellhead Protection Committee (WPC). 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 WPC grants provisional approval of the proposed Wellhead Protection 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 WPC.
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 Public Water Supply Section for review and approval.

Future Wellhead Protection

The Town of St. Pauls 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, St. Pauls' 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

- Emergency Contact Resources and Information
- Description of Regulatory Databases Researched for PCSs
- Potential Contamination Sources by Risk Category
- Potential Contaminant Source Data Charts
- Robeson County Solid Waste Site Locations
- Glossary of Acronyms and Abbreviations
- References
- NC Division of Environmental Assistance and Customer Service (DEACS) Brochure
- St. Pauls Educational Tri-fold Brochure on Wellhead Protection
- Managing Agricultural Fertilizer Application Flyer
- Gas/Service Station Best Management Practices Flyer
- Kangaroo UST Piping and Construction
- Well Records
- Example Public Notice
- Site Evaluation Forms for Potential Contaminant Sites

Emergency Contact Resources and Information

Resources	Contact Information
Primary Emergency Respondent	Name: Danny Hollaman Title: Public Works Director Office #: 910-865-5164 Mobile #: 910-633-9432
Secondary Emergency Respondent	Name: Timothy Lyde Title: ORC Office #: 910-865-5164 Mobile #: 910-885-8780
Third Emergency Respondent	Name: Benton Rogers Title: Assistant Public Works Director Office #: 910-865-5164 Mobile #: 910-633-1165
Local Utilities	
Emergency Water Provider	Facility: Robeson County Water System Contact: Nicole Brooks Contact #: 910-671-3478
Electric Utility	Facility: Lumber River EMC Report Line #: 910-843-4131
Local Resources	
Emergency Contractor for Well & Pump Repairs	Contact: Charles R. Underwood, Inc. Contact #: 919-776-7210
Emergency Management	Facility: Robeson County Emergency Management Director: Stephanie Chavis Office #: 910-671-3150 Email: stephanie.chavis@co.robeson.nc.us
	Asst. Director: Mattie Caulder Office #: 910-671-3150 Email: mattie.caulder@co.robeson.nc.us
Health Department	Facility: Robeson Co. Dept. of Public Health Contact #: 910-671-3200 Fax #: 910-671-3484
Hospital	Facility: Southeastern Regional Medical Center Main #: 910-671-5000
EMS	Facility: St. Pauls EMS Emergency #: 911
Police	Facility: St. Pauls Police Department Contact #: 910-865-5155 Emergency #: 911
Fire	Facility: St. Pauls Fire Department Contact #: 910-865-4603 Emergency #: 911
	Facility: Big Marsh Fire Department Contact #: 910-865-5368 Emergency #: 911

Resources	Contact Information
Local Television	Facility: WRAL - TV 5 (Raleigh) Contact #: 919-821-8600
	Facility: WBTW - News 13 (Florence, SC) Contact #: 843-293-1301
	Facility: WPDE - News 15 (Florence, SC) Contact #: 843-234-9733
Local Radio	Facility: WKML - 95.7 FM (Fayetteville, NC) Contact #: 910-486-2000 Email: erika.beasley@bbgi.com
	Facility: WZFX - 99.1 FM (Fayetteville, NC) Office #: 910-323-9936
	Facility: The Robesonian Contact #: 910-816-1974
State & National Agencies	
Technical Assistance Water Regulatory Agency	Facility: Public Water Supply Section Address: 1634 Mail Service Center Raleigh, NC 27699-1634 Contact #: 919-715-2853
Regional Water Quality, SSO's, UST Section, Aquifer Protection Section, Hazardous Waste Section Spills	Facility: DEQ - Fayetteville Regional Office Address: 225 Green Street, Suite 714 Fayetteville, NC 28301-5095 Contact #: 910-433-3300 Fax #: 910-486-0707
NC Department of Transportation	Facility: Highway Division 6: District 1 Contact: Charles S. Miller Address: 872 NC 711 Highway Lumberton, NC 28360 Contact #: 910-618-5546
NC Army National Guard	Facility: US Army National Guard Address: 705 N. Old Stage Rd. St. Pauls, NC 28384 Contact #: 910-865-5182
Technical Assistance Education	Facility: NCRWA Address: PO Box 590 Welcome, NC 27374 Contact #: 336-731-6963
Educational Brochures Publications	Facility: NC Coop. Ext. Services - NCSU Address: Campus Box 7602 Raleigh NC 27695-7602 Contact #: 919-515-2811 Website: www.bae.ncsu.edu
AST Information	Facility: US EPA Regional Office Address: 61 Forsyth St SW Atlanta, GA 30303 Contact #: 404-562-8761 Website: www.epa.gov/oilspill

Resources	Contact Information
<p align="center">Educational Brochures Publications (GW & UIC Section)</p>	<p>Facility: US EPA Regional Office Address: 61 Forsyth St SW Atlanta, GA 30303 Contact #: 404-562-8761 Website: www.epa.gov</p>
<p align="center">NC Emergency Management Regional Response Team</p>	<p>Contact: Justin Graney Work #: 919-825-2286 Report #: 919-861-3098</p>
<p align="center">EPA Spill Reporting</p>	<p>Facility: US EPA Regional Office Contact #: 1-800-241-1754</p>
<p align="center">Technical & Non-regulatory Waste Reduction Assistance</p>	<p>Facility: NC DEACS Address: 1639 Mail Service Center Raleigh, NC 27699-1639 Contact #: 919-707-8100 Website: http://ncenvironmentalassistance.org/</p>
<p align="center">Source Water Protection Educational Materials</p>	<p>Facility: National Small Flows Clearinghouse West Virginia University Address: PO Box 6064 Morgantown, WV 26506-6064 Contact #: 1-800-624-8301 Website: http://www.nesc.wvu.edu/smart/products/education.cfm</p>

Description of Regulatory Databases Researched for PCSs

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.

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.

Potential Contamination Sources by Risk Category (Con't)

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

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

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

Potential Contaminant Source Data Charts

Well Site: Well #2 - Clark/Second Streets

PCS Category	Map Code	PCS Site	Physical Location	Risk Category	Owner Contact	Contaminant	Quantity	Latitude	Longitude
Pollution Incident	A-1	Walker's Convenience Store Incident #: 29449	315 S. 5th St. St. Pauls, NC 28384	H	Walker Traywick 315 South 5th St. St. Pauls, NC 28384	Petroleum release	See context for details	34.80449	-78.97652
Pollution Incident	A-2	Inman Plumbing & Heating Co. Incident #: 29444	323 S. 5th St. St. Pauls, NC 28384	H	Inman Plumbing Robert Inman 323 South 5th St. St. Pauls, NC 28384	Petroleum release	See context for details	34.8042	-78.97642
AST Fire Department	B-4 G-2	Big Marsh Fire Department	456 S. 5th St. St. Pauls, NC 28384	M	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Onsite Generator Knockdown Foam Concentrate	120 Gallons Diesel 80 Gallons	34.80259	-78.97824
AST Repair/Maintenance Shop	B-5 Q-2	S&S Auto Repair	343 S. 5th St. St. Pauls, NC 28384 910-865-2147	H	same	Used Oil AST New Oil AST Antifreeze Used Tires	500 Gallons 160 Gallons 40 Gallons	34.80365	-78.9768
AST Manufacturing/Industry UST	B-7 L-1 X-11	Family Work Investments DBA: Superior Ind. Flooring Carolina Mills Plants #25 Fac. ID: 00-026910	106 E. Clark St. (A) St. Pauls, NC 28384 910-865-6565	H	Jerry Weindel 321 W. Blue St. St. Pauls, NC 28384 910-263-2693	Heating Oil Epoxy Resin Epoxy Hardens Paints Onsite Generator	(1) - 10,000 Gal Tank 150 Gallons 100 Gallons 50 Gallons 100 Gallons Diesel	34.80111	-78.97132
Auto Parts	C-1	Napa Auto Parts	324 S. 5th St. St. Pauls, NC 28384 910-865-5105	M	same	Motor Oil Hydraulic Oil Antifreeze Batteries Transmission Fluid	2000 Gallons 500 Gallons 500 Gallons 300 Gallons 200 Gallons	34.80449	-78.97816
Auto Parts	C-2	AutoZone	201 S. 5th St. St. Pauls, NC 28384 910-865-2731	M	same	Motor Oil Antifreeze Batteries Hydraulic Fluid Degreaser	700 Gallons 200 Gallons 200 100 Gallons 50 Gallons	34.8059	-78.97675
Chemical Storage	F-1	D.D. McColl Inc.	114 W. Blue St. St. Pauls, NC 28384 910-865-5106	M	DD McColl Inc. 114 W. Blue St. St. Pauls, NC 28384 910-865-5106	Bagged Fertilizer Pesticide Granular	6 Tons 1 Ton	34.80542	-78.97189
Chemical Storage	F-2	Ensysrex Inc.	105 W. Blue St. St. Pauls, NC 28384	H	D.D. McColl, Inc. P.O. Box 325 St. Pauls, NC 28384	Pest Control		34.80566	-78.97071
Funeral Home	H-2	McNeill Mackie Funeral Home	319 W. Broad St. St. Pauls, NC 28384 910-865-4105	L	McNeill Mackie Funeral Home 319 W. Broad St. St. Pauls, NC 28384 910-865-4105	Formaldehyde Disinfectant Alcohol	18 Gallons 3 Gallons 1/2 Gallon	34.8068	-78.97467
Gas Station UST	I-6 X-6	Woods Convenience Store Fac. ID: 00-026873 Cert. #: 20170348401	315 S. 5th St. St. Pauls, NC 28384 910-865-1417	H	KCM Services Inc. PO Box 412 St. Pauls, NC 28384	Gasoline Gasoline Motor Oil Antifreeze	(1) - 8,000 Gallon (2) - 6,000 Gallon 2 Cases 1 Case	34.8046	-78.97644
Laundromat	J-1	Village Square Laundry	347 S. 5th St. St. Pauls, NC 28384	L	same	Liquid Bleach Liquid Detergent Liquid Fabric Softener	13 Gallons 13 Gallons 13 Gallons	34.80304	-78.97692

Well Site: Well #2 - Clark/Second Streets

PCS Category	Map Code	PCS Site	Physical Location	Rick Category	Owner Contact	Contaminant	Quantity	Latitude	Longitude
Liftstation	K-2	Liftstation #4		M	Town of St Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Sewage, Oils, Grease		34.80517	-78.97707
Liftstation	K-3	Private Lift Station	Corner of W. McLean & 5th St. St. Pauls, NC 28384	M	Town of St Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Sewage, Oils, Grease	32 gpm (2 hp pump)	34.80472	-78.97618
Liftstation	K-4	Lift Station #2	S. Butler St. St. Pauls, NC 28384 910-865-5164	M	St. Pauls, NC 28384 Town of St Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Sewage, Oils, Grease	130 gpm (2- 7.5 hp pumps)	34.79801	-78.972173
Medical Facility	M-2	Fresenius Kidney Care St. Pauls	153 E. McLean St. St. Pauls, NC 28384	L	ARC FMSTPNC001, LLC P.O. Box 4900, Dept. 604 Scottsdale, AZ 85261	Pharmaceuticals, Sterilants, Disinfectants	Low Quantity	34.80468	-78.97073
Metal Fabrication	N-1	MKS Construction Group	303 S. 5th St. St. Pauls, NC 28384	H	Earl Dempsey Smith Jr. Janice Smith 956 N. 5th St. St. Pauls, NC 28384	unknown	unknown	34.80487	-78.97635
Repair/Maintenance Shop	Q-4	St. Pauls Public Works Facility	109 W. McLean St. St. Pauls, NC 28384 910-865-5164	H	Town of St Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Mineral Oil Hydraulic Oil Diesel Fuel Gasoline RoundUp	100 Gallons 150 Gallons 50 Gallons 25 Gallons 30 Gallons	34.8042	-78.97212
Salvage Yard	R-1	Fields Towing	639 S. 5th St. St. Pauls, NC 28384 910-865-4695	H	same	Used Oil New Oil Diesel Fuel Hydraulic Fluid Junk Cars, A/C Units, Batteries, Hydraulic Hoses, Farm Equipment	100 Gallons 5 Gallons 50 Gallons 10 Gallons Various	34.79937	-78.97893
Storage Facility	T-1	Village Square Mini Storage	347 S. 5th St. St. Pauls, NC 28384	L	same	Unknown	Various	34.80303	-78.97599
Storage Facility UST	T-2 X-10	The Manning Corporation DBA: Genesis Wholesale Fac. ID: 00-002737	8 W. Blue St. St. Pauls, NC 28384	H	The Manning Corporation PO Box 6300 Pinehurst, NC 28374	Fuel Oil	(1) - 1,000 Gallon	34.80505	-78.97136
Storage Facility	T-3	A Butler Plant Plant # 27 DBA: Brock Cabinet	109 W. Clark St. St. Pauls, NC 28384	L	Hayne Hens Farm Inc. P.O. Box 64076 Fayetteville, NC 28306	Unknown	Various	34.8008	-78.972
Supply/Hardware Store UST	U-2 X-9	D.D. McCoil Inc.	111 W. Broad St. 114 W. Blue St.	M	DD McCoil Inc. 111 W. Broad St. same	Gasoline Bagged Fertilizer	(1) - 1,000 Gallon 6 Tons	34.80653	-78.97207
Tier II Facility	W-1	Centurylink	211 W. Blue St. St. Pauls, NC 28384	H	same	Electrical Substation, Batteries, Acid	Large Quantity of Batteries containing	34.8057	-78.97379
Water Treatment Facility	Y-1	St. Pauls Water Treatment Plant	108 W. McLean St. St. Pauls, NC 28384 910-865-5164	M	Town of St Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Liquid Bleach Polyphosphate Lime	110 Gallons 110 Gallons 100 - 50 lb. bags	34.8048	-78.97215
Water Treatment Facility	Y-2	Well #2	Second St. & Clark St. St. Pauls, NC 28384 910-865-5164	L	Town of St Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	-	-	34.80145	-78.97345

Well Site: Well #3 - Odom Rd.

PCS Category	Map Code	PCS Site	Physical Location	Risk Category	Owner Contact	Contaminant	Quantity	Latitude	Longitude
Pollution Incident	A-4	Poco Shop 2 Incident #: 29797	940 W. Broad St. St. Pauls, NC 28384	H	Parnell Oil Company, Inc. David Parnell P.O. Box 190 Parkton, NC 28371	Petroleum release	See context for details	34.81045	-78.98461
AST Telecommunications Tower	B-1 V-1	St. Pauls NC - NC-419309 FCC Tower Reg. #: 1004971 FCC Site ID: CATS ID #227546	Behind Oak Ridge Cemetery	M	American Tower Corporation 877-518-6937	Onsite Generator	150 Gallons Diesel	34.80785	-78.9896
AST Oil Separator Repair/Maintenance Shop	B-2 O-1 Q-1	TranSource Truck & Trailer Centers	100 N. Sanford St. St. Pauls, NC 28384 910-865-3002	H	Same	New Motor Oil Used Motor Oil Soap & Degreaser Antifreeze Truck Batteries In Ground Oil Separator	900 Gallons 500 Gallons 50 Gal. each 300 Gallons 120 250 Gal. tank	34.81198	-78.98403
AST Fire Department	B-3 G-1	St. Pauls Fire Department	585 W. McLean St. St. Pauls, NC 28384 910-865-4603	M	Town of St. Pauls 210 W. Blue St St. Pauls, NC 28384 910-865-5164	Onsite Generator Knockdown Foam Concentrate	200 Gallons Diesel 150 Gallons	34.8054	-78.98065
Carwash	D-2	Kangaroo Carwash	921 W. Broad St. St. Pauls, NC 28384	M	Circle K Stores Inc. 2550 W. Tyvola Rd. Ste 200 Charlotte, NC 28217	Alkaline Base RainX Armorall Polish Carwash Blue Coral ph3100 Salt	50 Gallons 10 Gallons 10 Gallons 40 Gallons	34.80922	-78.98501
Cemetery	E-1	Oak Ridge Cemetery	1019 W. Broad St. St. Pauls, NC 28384 910-865-5164	L	Town of St. Pauls 210 W. Blue St St. Pauls, NC 28384 910-865-5164	Leachate, herbicides	5475 plots occupied 4000 plots available	34.81121	-78.98758
Gas Station UST	I-1 X-1	Minuteman Food Mart #41 Fac. ID: 00-034494 Cert. #: 201705292R1	1038 W. Broad St. St. Pauls, NC 28384 910-863-3070	H	Five Star Propane, LLC PO Box 637 Elizabethown, NC 28337	Gasoline Gasoline Diesel Motor Oil	(1) - 12,000 Gallon (2) - 10,000 Gallon (1) - 5,000 Gallon 6 Cases	34.81251	-78.98713
Gas Station Septic Tank UST	I-2 S-1 X-2	Quick Save 1 Fac. ID: 00-019739 Cert. #: 20170336101	941 W. Broad St. St. Pauls, NC 28384	H	Alhobishi Convenience Stores & Re 19369 Hwy 301 N St. Pauls, NC 28384	Gasoline Heating Oil Motor Oil	(3) - 10,000 Gallon tanks w/1 being temporarily closed 550 Gallons 5 Cases	34.81006	-78.98546
Gas Station UST	I-3 X-3	Pantry 3779 DBA: Kangaroo Fac. ID: 00-035923 Cert #: 20170673801	921 W. Broad St. St. Pauls, NC 28384	H	Circle K Stores Inc. 2550 W Tyvola Rd., Ste 200 Charlotte, NC 28217	Gasoline	(2) - 12,000 Gallon 5 Cases	34.80926	-78.98487
Gas Station UST	I-4 X-4	Poco Shop 2 Fac. ID: 00-019204 Cert #: 20170463301	940 W. Broad St. St. Pauls, NC 28384 910-865-2277	H	RSAP of Raeford UC 7590 Philip Ch Rd. Raeford, NC 28376	Gasoline Gasoline Diesel Motor Oil Antifreeze DEF	(2) - 8,000 Gallon (1) - 6,000 Gallon (4) - 6,000 Gallon 15 Cases 2 Cases	34.8103	-78.98475
Gas Station UST	I-5 X-5	Happy Mart 3 Fac. ID: 00-033200 Cert #: 20170186101	902 W. Broad St. St. Pauls, NC 28384	H	Alhobishi Convenience Stores & Re 19369 Hwy 301 N St. Pauls, NC 28384	Gasoline Gasoline Gasoline Motor Oil	(1) - 15,000 Gallon (1) - 12,000 Gallon (1) - 8,000 Gallon 3 Cases	34.80968	-78.98365

Well Site: Well #3 - Odom Rd.

PCS Category	Map Code	PCS Site	Physical Location	Rick Category	Owner Contact	Contaminant	Quantity	Latitude	Longitude
Liftstation	K-1	Liftstation #1	S. Wilkerson Dr. & W. Broad St. St. Pauls, NC 28384	M	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Sewage, Oils, Grease	180 gpm (2-Myers 4VX 15 hp pumps)	34.80769	-78.9812
Medical Facility	M-1	Three Rivers Medical Center	580 W. McLean St. St. Pauls, NC 28384 910-615-3570	L	Cape Fear Valley Hospital System 1638 Owen Drive Fayetteville, NC 28304 910-615-4000	Pharmaceuticals, Sterilants, Disinfectants	Low Quantity	34.80602	-78.98042
Water Treatment Facility	Y-3	Well #3	Odom Rd. St. Pauls, NC 28384	L	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384	-	-	34.80801	-78.98492
Water Treatment Facility	Y-4	Well #4	Fire Station Lot St. Pauls, NC 28384	L	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	-	-	34.8047	-78.980504

Well Site: Well #4 - Fire Station Lot

PCS Category	Map Code	PCS Site	Physical Location	Rick Category	Owner Contact	Contaminant	Quantity	Latitude	Longitude
Pollution Incident	A-1	Walker's Convenience Store Incident #: 29449	315 S. 5th St. St. Pauls, NC 28384	H	Walker Traywick 315 South 5th St. St. Pauls, NC 28384	Petroleum release	See context for details	34.80449	-78.97652
Pollution Incident	A-2	Inman Plumbing & Heating Co. Incident #: 29444	323 S. 5th St. St. Pauls, NC 28384	H	Inman Plumbing Robert Inman 323 South 5th St. St. Pauls, NC 28384	Petroleum release	See context for details	34.8042	-78.97642
Pollution Incident	A-3	RS Food Mart 1 Incident #: 23447	104 N. 5th St. St. Pauls, NC 28384	H	Red Springs Fuel Oil Co., Inc. R.L. McFadyen P.O. Box 827 Red Springs, NC 28377	Petroleum release	See context for details	34.80771	-78.97586
Pollution Incident	A-4	Poco Shop 2 Incident #: 29797	940 W. Broad St. St. Pauls, NC 28384	H	Parnell Oil Company, Inc. David Parnell P.O. Box 190 Parkton, NC 28371	Petroleum release	See context for details	34.81045	-78.98461
AST Fire Department	B-3 G-1	St. Pauls Fire Department	585 W. McLean St. St. Pauls, NC 28384 910-865-4603	M	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Onsite Generator Knockdown Foam Concentrate	200 Gallons Diesel 150 Gallons	34.8054	-78.98065
AST Fire Department	B-4 G-2	Big Marsh Fire Department	456 S. 5th St. St. Pauls, NC 28384	M	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Onsite Generator Knockdown Foam Concentrate	120 Gallons Diesel 80 Gallons	34.80259	-78.97824
AST Repair/Maintenance Shop	B-5 Q-2	S&S Auto Repair	343 S. 5th St. St. Pauls, NC 28384 910-865-2147	H	same	Used Oil AST New Oil AST Antifreeze Used Tires	500 Gallons 160 Gallons 40 Gallons	34.80365	-78.9768
AST Gas Station UST	B-6 I-7 J-2 X-7	Five Star Discount Fac. ID: 00-019931 Cert. #: 20170694101	502 W. Broad St. St. Pauls, NC 28384	H	Fadhil Alhobishi 502 W. Broad St. St. Pauls, NC 28384	Gasoline Gasoline Kerosene Motor Oil	(1) - 12,000 Gallon (2) - 10,000 Gallon 500 Gallon 1 Case	34.80753	-78.97634

Well Site: Well #4 - Fire Station Lot

PCS Category	Map Code	PCS Site	Physical Location	Rick Category	Owner Contact	Contaminant	Quantity	Latitude	Longitude
Auto Parts	C-1	Napa Auto Parts	324 S. 5th St. St. Pauls, NC 28384 910-865-5105	M	same	Motor Oil Hydraulic Oil Antifreeze Batteries Transmission Fluid	2000 Gallons 500 Gallons 500 Gallons 300 Gallons 200 Gallons	34.80449	-78.97816
Auto Parts	C-2	AutoZone	201 S. 5th St. St. Pauls, NC 28384 910-865-2731	M	same	Motor Oil Antifreeze Batteries Hydraulic Fluid Degreaser	700 Gallons 200 Gallons 200 100 Gallons 50 Gallons	34.8059	-78.97675
Carwash	D-1	Dudley Properties LLC (8 Bay Manual Carwash)	218 N. 5th St. St. Pauls, NC 28384 910-920-6035	M	Dudley Properties PO Box 87763 Fayetteville, NC 28304 910-920-5270	Carwash liquid Afterwash Wax	5 to 7 Gallons 2 Gallons	34.80889	-78.97547
Carwash	D-2	Kangaroo Carwash	921 W. Broad St. St. Pauls, NC 28384	M	Circle K Stores Inc. 2550 W. Tyvola Rd., Ste 200 Charlotte, NC 28217	Alkaline Base RainX Armorall Polish Carwash Blue Coral ph3100 Salt	50 Gallons 10 Gallons 10 Gallons 40 Gallons	34.80922	-78.98501
Cemetery	E-2	St. Pauls Presbyterian Church	228 N. Old Stage Rd. St. Pauls, NC 28384	L	same	Leachate, herbicides	500 plots occupied 10 plots available	34.80938	-78.97739
Funeral Home	H-1	Boles-St. Pauls Funeral Home	565 W. McLean St. St. Pauls, NC 28384 910-565-3400	L	Jamie Boles 565 W. McLean St. St. Pauls, NC 28384	Chemicals for embalming process; Disinfectants	7 Gallons	34.80522	-78.97907
Funeral Home	H-2	McNeill Mackie Funeral Home	319 W. Broad St. St. Pauls, NC 28384 910-865-4105	L	McNeill Mackie Funeral Home 319 W. Broad St. St. Pauls, NC 28384 910-865-4105	Formaldehyde Disinfectant Alcohol	18 Gallons 3 Gallons 1/2 Gallon	34.8068	-78.974670
Gas Station Septic Tank UST	I-2 S-1 X-2	Quick Save 1 Fac. ID: 00-019739 Cert. #: 20170336101	941 W. Broad St. St. Pauls, NC 28384	H	Alhobishi Convenience Stores & Re 19369 Hwy 301 N St. Pauls, NC 28384	Gasoline	(3) - 10,000 Gallon tanks w/1 being temporarily closed 550 Gallons	34.81006	-78.985462
Gas Station UST	I-3 X-3	Pantry 3779 DBA- Kangaroo Fac. ID: 00-035923 Cert. #: 20170673801	921 W. Broad St. St. Pauls, NC 28384	H	Circle K Stores Inc. 2550 W Tyvola Rd., Ste 200 Charlotte, NC 28217	Gasoline	(2) - 12,000 Gallon	34.80926	-78.984870
Gas Station UST	I-4 X-4	Poco Shop 2 Fac. ID: 00-019204 Cert. #: 20170463301	940 W. Broad St. St. Pauls, NC 28384 910-865-2277	H	RSAP of Raeford UC 7590 Philip Ch Rd. Raeford, NC 28376	Gasoline Gasoline Diesel Motor Oil	(2) - 8,000 Gallon (1) - 6,000 Gallon (4) - 6,000 Gallon 15 Cases	34.8103	-78.984749
Gas Station UST	I-5 X-5	Happy Mart 3 Fac. ID: 00-033200 Cert. #: 20170186101	902 W. Broad St. St. Pauls, NC 28384	H	Alhobishi Convenience Stores & Re 19369 Hwy 301 N St. Pauls, NC 28384	Gasoline Gasoline Gasoline Motor Oil	(1) - 15,000 Gallon (1) - 12,000 Gallon (1) - 8,000 Gallon 3 Cases	34.80968	-78.983652
Gas Station UST	I-6 X-6	Woods Convenience Store Fac. ID: 00-026873 Cert. #: 20170348401	315 S. 5th St. St. Pauls, NC 28384 910-865-1417	H	KCM Services Inc. PO Box 412 St. Pauls, NC 28384	Gasoline Gasoline Motor Oil Antifreeze	(1) - 8,000 Gallon (2) - 6,000 Gallon 2 Cases 1 Case	34.8046	-78.976438
Gas Station UST	I-8, X-8	Minuteman Food Mart #42 Fac. ID: 00-019033 Cert. #: 201703918R1	104 N. 5th St. St. Pauls, NC 28384 910-865-1476	H	Five Star Propane LLC PO Box 637 Elizabethtown, NC 28337	Gasoline Gasoline Kerosene	(1) - 12,000 Gallon (1) - 10,000 Gallon (1) - 6,000 Gallon (temporarily closed)	34.8076	-78.975873

Well Site: Well #4 - Fire Station Lot

PCS Category	Map Code	PCS Site	Physical Location	Rick Category	Owner Contact	Contaminant	Quantity	Latitude	Longitude
Laundromat	J-1	Village Square Laundry	347 S. 5th St. St. Pauls, NC 28384	L	same	Liquid Bleach Liquid Detergent Liquid Fabric Softener	13 Gallons 13 Gallons 13 Gallons	34.80304	-78.976919
Liftstation	K-1	Liftstation #1	S. Wilkerson Dr. & W. Broad St St. Pauls, NC 28384	M	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Sewage, Oils, Grease	180 gpm (2-Myers 4VX 15 hp pumps)	34.80769	-78.981199
Liftstation	K-2	Liftstation #4		M	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Sewage, Oils, Grease		34.80517	-78.977069
Liftstation	K-3	Private Lift Station	Corner of W. McLean & 5th St. St. Pauls, NC 28384	M	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Sewage, Oils, Grease	32 gpm (2 hp pump)	34.80472	-78.976178
Medical Facility	M-1	Three Rivers Medical Center	580 W. McLean St. St. Pauls, NC 28384 910-615-3570	L	Cape Fear Valley Hospital System 1638 Owen Drive Fayetteville, NC 28304 910-615-4000	Pharmaceuticals, Sterilants, Disinfectants	Low Quantity	34.80602	-78.980419
Metal Fabrication	N-1	MKS Construction Group	303 S. 5th St. St. Pauls, NC 28384	H	Earl Dempsey Smith Jr. Janice Smith 956 N. 5th St. St. Pauls, NC 28384	unknown	unknown	34.80487	-78.976347
Print Shop	P-1	Recognize Designs	116 S. 5th St. St. Pauls, NC 28384 910-865-1175	L	same	Paint Thinner Water Based Paint	1 Gallon 2 Gallons	34.80662	-78.976459
Repair/Maintenance Shop	Q-3	McDonald Auto Care Center	302 W. Broad St. St. Pauls, NC 28384 910-865-5135	H	same	Used Oil Motor Oil Antifreeze Batteries	200 Gallons 6 cases @ 12 qts 60 Gallons < 10	34.80724	-78.973840
Salvage Yard	R-1	Fields Towing	639 S. 5th St. St. Pauls, NC 28384 910-865-4695	H	same	Used Oil New Oil Diesel Fuel Hydraulic Fluid	100 Gallons 5 Gallons 50 Gallons 10 Gallons	34.79937	-78.978930
Storage Facility	T-1	Village Square Mini Storage	347 S. 5th St. St. Pauls, NC 28384	L	same	Unknown	Various	34.80303	-78.975986
Supply/Hardware Store	U-1	St. Pauls Farmers Exchange	222 W. Broad St. St. Pauls, NC 28384 910-865-4149	M	NC Corporation, Larry McGougan, Agent 222 W. Broad St. St. Pauls, NC 28384	Fungicides Insecticides Herbicides Miticides	< 10 Gallons or 10 lbs. < 25 Gallons < 100 Gallons None	34.80721	-78.973445
Tier II Facility	W-1	Centurylink	211 W. Blue St. St. Pauls, NC 28384 910-270-3030	H	same	Electrical Substation, Batteries, Acid	Large Quantity of Batteries containing acids	34.8057	-78.973786

Well Site: Well #4 - Fire Station Lot

PCS Category	Map Code	PCS Site	Physical Location	Rick Category	Owner Contact	Contaminant	Quantity	Latitude	Longitude
Water Treatment Facility	Y-1	St. Pauls Water Treatment Plant	108 W. McLean St. St. Pauls, NC 28384 910-865-5164	M	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	Liquid Bleach Polyphosphate Lime	110 Gallons 110 Gallons 100 - 50 lb. bags	34.8048	-78.972147
Water Treatment Facility	Y-2	Well #2	Second St. & Clark St. St. Pauls, NC 28384 910-865-5164	L	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	-	-	34.80145	-78.973453
Water Treatment Facility	Y-3	Well #3	Odom Rd. St. Pauls, NC 28384	L	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	-	-	34.80801	-78.984922
Water Treatment Facility	Y-4	Well #4	Fire Station Lot St. Pauls, NC 28384	L	Town of St. Pauls 210 W. Blue St. St. Pauls, NC 28384 910-865-5164	-	-	34.8047	-78.980504

Robeson County Solid Waste Site Locations

Parkton	Beaver Dam	Prospect
15 Knapdale Road Parkton, NC 28371	459 Beaver Dam Road Shannon, NC 28386	6061 Prospect Road Maxton, NC 28364
Wire Grass Road	Moss Neck	Pecan Grove
8072 Wire Grass Road Fairmont, NC 28340	528 N. Chicken Road Lumberton, NC 28358	248 Sanchez N. Drive Lumberton, NC 28358
Balance Farm	Mt. Tabor	Morgan J
1884 Balance Farm Road St. Pauls, NC 28384	1181 Lewis McNeill Road Red Springs, NC 28377	1935 Morgan J Road Shannon, NC 28386
Alma Dirt Road	Branch Road	Hammonds Road
66 Daystorm Drive Maxton, NC 28364	584 Branch Road Lumberton, Nc 28358	191 Hammonds Road Lumberton, NC 28358
Ivey Road	King Tuck	Lamb Rd.
1559 Ivey Road Lumberton, NC 28358	59 King Tuck Road St. Pauls, NC 28384	182 Lamb Road Lumberton, NC 28358
Lowe Road	Midway	Purvis
3141 Lowe Road Lumberton, NC 28358	3096 Midway Road Maxton, NC 28364	38 Hubbard Road Rowland, NC 28383
Raynham Road	Sand Rock Road	
219 South Robeson Road Fairmont, NC 28340	41 Sand Rock Road Fairmont, NC 28340	
Hours of Operation		
Monday through Saturday - 7:00 am to 6:00 pm Sunday - 1:00 pm to 6:00 pm Any change in schedule will be noted on the home page under announcements.		
For a listing of acceptable materials, please visit their website at:		
http://www.robesoncountysw.org/index.php/collections-sites		

Glossary of Acronyms and Abbreviations

EPA-Environmental Protection Agency
DEQ-Division of Environmental Quality
UST-Underground Storage Tank
AST-Above ground Storage Tank
VOC-Volatile Organic Compound
SOC-Semi-volatile Organic Compound
PWS-Public Water Supply
PWSS-Public Water Supply Section
WPC-Wellhead Protection Committee
WHPP-Wellhead Protection Program or Plan
WHPA-Wellhead Protection Area
Gpm-gallons per minute
PCS-Potential Contamination Source
NPDES-National Pollutant Discharge Elimination System
SPCC-Spill Prevention Control and Countermeasures
UIC-Underground Injection Control
DEACS-Division of Environmental Assistance and Customer Service
ORC-Operator Responsible in Charge
WQCS-Water Quality Collection System
SWAP-Source Water Assessment and Protection
SWDA-Solid Waste Disposal Act
DWR-Division of Water Resources
EPCRA-Emergency Planning and Community Right to Know Act
PIRF-Pollution Incident Reporting Form
CWA-Clean Water Act
ECHO-Enforcement and Compliance History Online
CERCLA-Comprehensive Environmental Response, Compensation, and Liability Act
OERR-Office of Emergency and Remedial Response
NCP-National Contingency Plan
RCRA-Resource Conservation and Recovery Act
TRI-Toxic Release Inventory
NCDA-North Carolina Department of Agriculture
FRO – Fayetteville Regional Office

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<http://www.ncpedia.org/geography/robeson>

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EPA Envirofacts Warehouse: <http://www3.epa.gov/enviro/>

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SWAP Info 2.0

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

Robeson County website: <http://co.robeson.nc.us/>

Town of St. Pauls website: <http://www.stpaulsnc.gov/>

Source Water Assessment Report for Town of St. Pauls (2017, April 25). Retrieved from: https://www.ncwater.org/files/swap/SWAP_Reports/0378030_4_25_2017_85_11.pdf

2016 St. Pauls Local Water Supply Plan, North Carolina Division of Water Resources: https://www.ncwater.org/Water_Supply_Planning/Local_Water_Supply_Plan/report.php?pwid=03-78-030&year=2016

Ground Water Division, North Carolina Division of Water Resources, NC Division of Environmental Quality: <http://www.ncwater.org/?page=20>

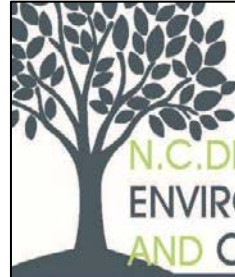
Town of St. Pauls 2016 Consumer Confidence Report:

<http://www.stpaulsnc.gov/index.php/official-documents/water-quality-reports/town-of-st-pauls/9-2016-town-of-st-pauls-nc-water-quality-report>

North Carolina Department of Environmental Quality, Division of Water Resources, UST Section, Ground Water Protection Section, Fayetteville Regional Office Files, 225 Green Street, Suite 714, Fayetteville, North Carolina.

N.C. DIVISION OF ENVIRONMENTAL ASSISTANCE AND CUSTOMER SERVICE

Customer service through technical, compliance and financial assistance



N.C. DIVISION OF ENVIRONMENTAL ASSISTANCE AND CUSTOMER SERVICE

The N.C. Division of Environmental Assistance and Customer Service (DEACS) assists citizens, businesses, local governments and communities statewide on a diverse range of environmental issues.

DEACS technical services:

- **Toll-free hotline** with experienced staff to answer your environmental questions
- **On-site assessments** and training for waste, water and energy management
- **Compliance** information and tips
- Environmental **recognition** programs
- **Grants** for recycling businesses and local governments
- **Recycling** infrastructure support
- Statewide points of contact for **permit information** and **environmental assistance**



Within the N.C. Department of Environment and Natural Resources, DEACS works to protect and improve North Carolina's environment while supporting a strong economy.

Environmental Assistance Hotline

1-877-623-6748 (toll-free)

eac@ncdenr.gov

ncenvironmentalassistance.org



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Town of
St Pauls
North Carolina



**A Guide to Protecting
Your Drinking Water**



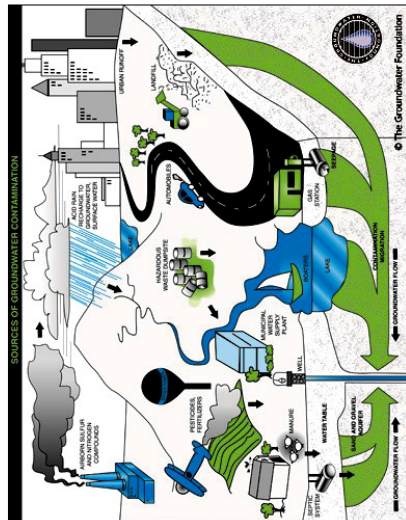
Town of St. Pauls
PO Box 364
St. Pauls, NC 28384
(910) 865-5164

MAINTAIN YOUR SEPTIC SYSTEM

Groundwater contaminated by poorly or untreated household wastewater poses dangers to drinking water and to the environment. Septic system maintenance comes down to four key elements:

- Inspect and Pump Frequently
- Use Water Efficiently
- Properly Dispose of Waste
- Maintain Your Drainfield

For more information on septic systems and system care, please visit www.epa.gov/septic.

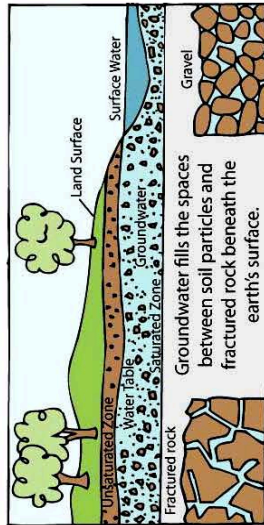


BE AWARE OF THE DANGERS OF GREASE

Grease sticks to the insides of drain pipes and sewer pipes, restricting water flow. As more and more fats, oils and grease accumulate, the greater the chances of a back-up. Sewage can back-up into your tubs or toilets; even worse, it can overflow into streams and groundwater. Please be proactive in fighting grease., don't pour it down the drain!!!

WHAT IS GROUNDWATER?

Groundwater is the water found underground in the cracks and spaces in soil, sand and rock. It is stored in and moves slowly through geologic formations of soil, sand and rocks called aquifers. The Town of St. Pauls uses groundwater it pumps from the ground using three (3) wells located in our service area.















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THE WELLHEAD PROTECTION PROGRAM

The Town of St. Pauls continues to implement a Wellhead Protection Program to protect its water supply from contamination. As a part of the program, we have identified the vulnerable area around our well sites called the "Wellhead Protection Area". Chemicals and other pollutants spilled or dumped in this area can be drawn into the well, possibly contaminating our community's drinking water supply. Residents and businesses in this area must be very careful with chemicals and other pollutants. Help us to preserve our water quality for our current and future needs.

POLLUTION SOURCES

Many of our daily activities can pollute our surface water and groundwater. Sources of groundwater pollution include:

-  Used oil, paint thinner, gasoline and other chemicals poured on the ground.
-  Leaking fuel storage tanks (aboveground and underground).
-  Overuse of pesticides and fertilizers on lawns, golf courses and agriculture 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.
-  Farm machinery repair shops / Auto-mobile repair shops
-  Cemeteries / Funeral Homes
-  Golf Courses
-  Animal Feedlot / Animal Waste Storage

HOW CAN YOU HELP?

Water is our most valuable natural resource and we are responsible for protecting it! You can help by doing your part to protect our supply 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 Collections Day.
- 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, storing 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.





Managing Agricultural Fertilizer Application



WELLHEAD PROTECTION PROGRAM

Managing Agricultural Fertilizer Application Flyer

MANAGING FERTILIZER USE NEAR DRINKING WATER SUPPLIES

If improperly managed, elements of fertilizer can move into surface water through field runoff or leach into ground water. The two main components of fertilizer that are of greatest concern to public drinking water supplies are nitrogen (N) and phosphorus (P). Crop producers need to match nitrogen applications to crop uptake to minimize nitrate leaching and maximize efficiency. Due to health risk, the EPA set a drinking water maximum contaminant level (MCL) of 10 milligrams per liter (mg/l) for nitrate measured as nitrogen. The goal of the prevention measures, as described below, are to minimize nutrient losses from agricultural land occurring by edge-of-field runoff and by leaching from the root zone. This can be achieved by developing a comprehensive nutrient management plan and using only the types and amounts of nutrients necessary to produce the crop, applying nutrients at the proper times and with proper methods, implementing additional farming practices to reduce nutrient losses, and following proper procedures for fertilizer storage and handling.

APPLICATION RATES AND FERTILIZER TYPES

- Limit fertilizer to an amount necessary to achieve a realistic goal
- Perform yearly soil sampling to determine nutrient needs
- When calculating rate of application, credit other sources to include nitrogen and phosphorus contributions from previous legume crops, irrigation water, manure, and organic matter
- Understand and follow fertilizer yield goals based on soil properties, available moisture, yield history, and management level
- Apply the appropriate form of nitrogen fertilizer based on soil and weather conditions.

APPLICATION PRACTICES

- Apply product during maximum crop uptake periods
- Inspect and calibrate equipment annually to ensure accurate application amounts
- Correctly place fertilizer in the root zone to enhance plant nutrient uptake which minimizes loss
- Manage irrigation water due to the large amount of water applied. Sprinklers, precision applicators, surges and drips can apply water uniformly.



Gas/Service Station Best Management Practices Flyer

Gas Stations Can Be the Source of Several Contaminants

- Oil and gas spilled onto paved areas are easily washed away by water, either from hoses or rainfall.
- Engine and brake residues contain antifreeze, grease, oil, copper, and even asbestos.
- Engine degreasers contain copper and brass.
- Lead, oil, and grease are residues of radiator flushing.
- Oil, grease, and detergents drain from car washing.
- Engine washing releases aluminum and iron.
- Brakes are a source of asbestos and cadmium washes from tires.

WHAT CAN YOU DO?

Fuel Dispensing Areas

- ☑ Maintain fuel dispensing areas using dry methods such as sweeping or use rags and absorbents for leaks and spills. Never wash down fueling areas unless the water is collected and disposed of properly. An adequate supply of absorbent materials should be kept on hand.
- ☑ Fit fuel dispensing nozzles with automatic shutoffs.
- ☑ Post signs at the fuel dispenser or fuel island discouraging vehicle owners/operators against "topping off" fuel tanks.
- ☑ Emergency shutoff switches should be plainly labeled.
- ☑ Underground storage tanks should be fitted with spill containment and overflow prevention systems.

General Facility

- ☑ Clean leaks and drips on a routine basis, and dispose of cleaning materials properly.
- ☑ Manage materials and waste to reduce adverse impacts on storm water quality.
- ☑ Prepare and maintain a spill response plan. The plan should include an estimate of the maximum quantity of fuel that could be spilled in the event of an equipment failure, along with a plan to prevent it from reaching groundwater. The plan should describe containment and/or diversionary structures or equipment needed. Steps should be taken to ensure the necessary equipment, personnel and other resource availability.
- ☑ All employees should be trained (upon hiring and annually thereafter) on the spill response plan and proper disposal of waste.
- ☑ The facility should post a notification list including the names and contact information for local management, remote management, fire and police, local and state agencies that need to be notified and spill response contractors.
- ☑ Dispose of waste oil properly and recycle used oil filters (NC House Bill 1465 prohibits the disposal of oil filters in landfills).



Town of
St Pauls
North Carolina

Gas/Service Station Best Management Practices



**WELLHEAD
PROTECTION PROGRAM**

Kangaroo UST Piping and Construction



North Carolina Department of Environmental Quality Underground Storage Tank UST-10B

Printed: 2/9/2017 3:29 PM
Inspection Result: Passed
Partial Inspection: No

Inspection Date: 2/9/2017
Arrive and Depart Times: 8:45 AM-9:10 AM

Facility ID:	0-0-0000035923	Inspector	Pam Harrelson
Facility Name	CIRCLE K 2723779	Insp. Type	Compliance
Facility Address	921 W BROAD STREET	Reason(s)	Routine Compliance
	SAINT PAULS, NC 28384-1467	Location	34.809268, -78.984913
	Robeson County Located facility, USTs onsite	Permit Exp.	9/30/2017
Facility Phone	(910) 865-2747		

CONTACTS

Contact Type	Contact Information
Inspection Contact since 3/25/2015	AIMEE GIBBS, 305 GREGSON DR CARY, NC 27511, Phone: (919) 566-1978, Email: aimee.gibbs@thepantry.com
Primary Operator since 5/24/2016	AIMEE GIBBS, 305 GREGSON DR CARY, NC 27511, Phone: (919) 566-1978, Email: aimee.gibbs@thepantry.com Trained: Yes, 5/24/2016, Training Type: Tank School
Manager since 8/24/2015	AIMEE GIBBS, 305 GREGSON DR CARY, NC 27511, Phone: (919) 566-1978, Email: aimee.gibbs@thepantry.com
Owner Auth Rep since 9/7/2011	BRENT REID PUZAK, PO BOX 1410/1801 DOUGLAS DRIVE SANFORD, NC 27330-1410, Phone: (919) 774-6700
Owner since 9/14/2015	CIRCLE K STORES INC. , 2440 WHITEHALL PARK DR STE 800 CHARLOTTE, NC 28273-3553, Phone: (704) 583-5762
Inspection Contact since 8/16/2013	MISTI BENCHABBAT, 305 GREGSON DR CARY, NC 27511, Phone: (919) 566-1940, Email: misti.benchabbat@thepantry.com
Manager since 8/16/2013	MISTI BENCHABBAT, 305 GREGSON DR CARY, NC 27511, Phone: (919) 566-1940, Email: misti.benchabbat@thepantry.com
Primary Operator since 8/16/2013	MISTI BENCHABBAT, 305 GREGSON DR CARY, NC 27511, Phone: (919) 566-1940, Email: misti.benchabbat@thepantry.com Trained: Yes, 9/10/2013, Training Type: Tank School
Regulatory Operator since 12/7/2005	THE PANTRY, INC. , PO BOX 1410/1801 DOUGLAS DRIVE SANFORD, NC 27330-1410, Phone: (919) 774-6700

OWNERSHIP CHANGE

New Owner	Change Date	Basis	Transfer of Ownership Form (UST-15) Submitted

EMERGENCY RESPONSE

Emergency response placard with emergency response operator contact information is posted in the dispensing areas if the dispensers are left on without an attendant present?	N/A
---	-----

OTHER PARTICIPANTS

Name	Organization
PHILLIP BOWMAN	PS&C

INSPECTOR COMMENTS

Type	Date	Comment

ADDITIONAL INSPECTOR COMMENTS

TANKS AND PIPING INFORMATION

UST-10B

Facility ID: 0-0-0000035923

Tanks	Tank #1(Premium)	Tank #2(Regular)
Tank ID	Premium	Regular
TIMS Tank ID	1	2
Is tank registered?	Yes	Yes
Date tank installed	6/7/1999	6/7/1999
Capacity of Tank in Gallons	12000	12000
Tank / Product use	Motor Fuel	Motor Fuel
Product stored in Tank	Gasoline, Gas Mix	Gasoline, Gas Mix
Product Detail	Premium	Regular
If hazardous substance, CAS# or description		
If other, description		
Tank Status	Current	Current
Tank closure report submitted		
Date tank last operated		
Inches of product in Tank		
Manifolded Tank	No	No
Manifolded with tanks		
New Tank System installed in accordance with NC or MI	Yes	Yes
Tank Construction Material (DW required after 11/1/07)	Single Wall FRP	Single Wall FRP
If other, description		
Tank Manufacturer/Model	Xerxes: DW FRP	Xerxes: DW FRP
If other, describe		
Tank material verified by	Invoice	Invoice
Date Pipe Installed	6/7/1999	6/7/1999
Was UST Piping Installed on or after 11/1/2007?	No	No
Piping Construction Material (DW required after 11/1/07)	Single Wall FRP	Single Wall FRP
If other, description		
Pipe Manufacturer/Model	Unknown	Unknown
If other, describe		
Pipe material verified by	Visual	Visual
If E-blend > 10% or Biodiesel Blend > 20%; Was UST-20 completed and approved?	N/A	N/A

CORROSION PROTECTION

Tank Corrosion Protection	Tank #1(Premium)	Tank #2(Regular)
DWM notified of current CP method	Yes	Yes
Integrity assessment performed after 3/1/06	No	No
CP Method 1	FRP	FRP
if other, Description		
CP Installation Date	6/7/1999	6/7/1999
CP Method 2		
if other, Description		
CP Installation Date		
Flex Connector , Piping Extensions, and/or other metal fittings Present	Ball Valve, Elbow, Flex Connector	Ball Valve, Elbow, Flex Connector
Flex connector isolated from ground	Yes	Yes
Source of verification of CP for Flex Connectors, piping extensions and/or other metal fittings	Visual	Visual
if other, Description		
Submersible pump (STP) is isolated from ground	Yes	Yes
Piping extensions and/or other metal fittings are isolated from ground	Yes	Yes
Flex connector, STP and/or other metal fittings protected from corrosion	N/A	N/A
Corrosion protection method	Isolated	Isolated

UST-10B

Facility ID: 0-0-0000035923

Tank Corrosion Protection	Tank #1(Premium)	Tank #2(Regular)
Flex connector , Piping extensions, and/or other metal fittings CP Installation Date		
Dielectric Coating Installed (If tank installed after 12/22/88	N/A	N/A

Pipe Corrosion Protection	Tank #1(Premium)	Tank #2(Regular)
DWM notified of current CP method	Yes	Yes
CP method	FRP Piping	FRP Piping
if other, Description		
CP Installation Date	6/7/1999	6/7/1999
Dielectric Coating Installed (If piping installed after 12/22/88	N/A	N/A

Dispenser Corrosion Protection	Dispenser #1(1/2)	Dispenser #2(3/4)	Dispenser #3(5/6)	Dispenser #4(7/8)
Flex Connector , Piping Extensions, and/or other metal fittings Present	Elbow, Flex Connector	Elbow, Flex Connector	Elbow, Flex Connector	Elbow, Flex Connector
Flex connector isolated from ground	Yes	Yes	Yes	Yes
Source of verification of CP for Flex Connectors, piping extensions and/or other metal fittings	Visual	Visual	Visual	Visual
if other, Description				
Piping extensions and/or other metal fittings are isolated from ground	Yes	Yes	Yes	Yes
Flex Connectors, Piping extensions and/or other metal fittings protected from corrosion	N/A	N/A	N/A	N/A
Corrosion protection method	Isolated	Isolated	Isolated	Isolated
Flex connector, Piping extensions, and/or other metal fittings CP Installation Date				
Source of Information for verification of corrosion protection for Riser pipe and other metal piping	Visual	Visual	Visual	Visual
if other, Description				

Dispenser Corrosion Protection	Dispenser #5(9/10)	Dispenser #6(11/12)	Dispenser #7(13/14)	
Flex Connector , Piping Extensions, and/or other metal fittings Present	Elbow, Flex Connector	Elbow, Flex Connector	Elbow, Flex Connector	
Flex connector	Yes	Yes	Yes	

UST-10B

Facility ID: 0-0-0000035923

Dispenser Corrosion Protection	Dispenser #5(9/10)	Dispenser #6(11/12)	Dispenser #7(13/14)	
isolated from ground				
Source of verification of CP for Flex Connectors, piping extensions and/or other metal fittings	Visual	Visual	Visual	
if other, Description				
Piping extensions and/or other metal fittings are isolated from ground	Yes	Yes	Yes	
Flex Connectors, Piping extensions and/or other metal fittings protected from corrosion	N/A	N/A	N/A	
Corrosion protection method	Isolated	Isolated	Isolated	
Flex connector, Piping extensions, and/or other metal fittings CP Installation Date				
Source of Information for verification of corrosion protection for Riser pipe and other metal piping	Visual	Visual	Visual	
if other, Description				

CP Conclusions	
CP Requirements Met?	Yes
Issues	

SPILL PREVENTION

Has DWM been notified of spill methods?	Yes
---	-----

Spill/Overfill Details	Tank #1(Premium)	Tank #2(Regular)
Is a drop tube present?	Yes	Yes
Type of Stage I vapor recovery?	Dual Point	Dual Point

Local Fill	Tank #1(Premium)	Tank #2(Regular)
Does Tank have a Remote Fill?	No	No
Spill Protection	Catchment Basin	Catchment Basin
Is spill prevention equipment provided and verified?	Yes	Yes
Manufacturer/Model	OPW: Edge 1C-31XX Series	OPW: Edge 1C-31XX Series
If other, describe		
Spill bucket is double-walled? (If installed after 11/1/07)	N/A	N/A
Spill bucket is isolated or made of non-corroding materials? (If installed after 11/1/07)	N/A	N/A
Date spill prevention provided	6/7/1999	6/7/1999
Is spill prevention operating properly?	Yes	Yes
If No, select all that apply		

UST-10B

Facility ID: 0-0-0000035923

Local Fill	Tank #1(Premium)	Tank #2(Regular)
If other, describe		

OVERFILL PREVENTION

Has DWM been notified of overfill methods?	Yes
--	-----

Overfill Control	Tank #1(Premium)	Tank #2(Regular)
Is overfill prevention equipment provided and verified?	Yes	Yes
Date overfill control provided	6/7/1999	6/7/1999
Type of overfill equipment	Ball Float Valve	Ball Float Valve
Source of information for overfill control verification	UST equip. contractor report	UST equip. contractor report
If other, describe		
Is overfill control operating properly?	Yes	Yes
If No, select all that apply		
If other, describe		
Annual overfill check date(If installed after 11/1/07) (UST-22A)		
Annual overfill check results(UST-22A)		

Dispenser Sumps	Dispenser #1(1/2)	Dispenser #2(3/4)	Dispenser #3(5/6)	Dispenser #4(7/8)
Are containment sumps present?	Yes	Yes	Yes	Yes
Installation Date	6/7/1999	6/7/1999	6/7/1999	6/7/1999
Sump Manufacturer	Total Containment: Disp Sump	Total Containment: Disp Sump	Total Containment: Disp Sump	Total Containment: Disp Sump
If Other (Specify)				
Sump Construction Type	Single Walled	Single Walled	Single Walled	Single Walled
Sump Construction Material	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic
If Other (Specify)				
Are containment sumps monitored?	No	No	No	No
Is monitoring required per 2N .0900?	No	No	No	No
Piping components and/or STP were installed/replaced on or after 11/1/07?	No	No	No	No
Are spills or small weeps evident in sumps?	No	No	No	No
Are single wall piping components located in containment sump? (If installed after 11/1/07)				

Dispenser Sumps	Dispenser #5(9/10)	Dispenser #6(11/12)	Dispenser #7(13/14)
Are containment sumps present?	Yes	Yes	Yes
Installation Date	6/7/1999	6/7/1999	6/7/1999
Sump Manufacturer	Total Containment: Disp Sump	Total Containment: Disp Sump	Total Containment: Disp Sump
If Other (Specify)			
Sump Construction	Single Walled	Single Walled	Single Walled

UST-10B

Facility ID: 0-0-0000035923

Dispenser Sumps	Dispenser #5(9/10)	Dispenser #6(11/12)	Dispenser #7(13/14)
Type			
Sump Construction Material	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic
If Other (Specify)			
Are containment sumps monitored?	No	No	No
Is monitoring required per 2N .0900?	No	No	No
Piping components and/or STP were installed/replaced on or after 11/1/07?	No	No	No
Are spills or small weeps evident in sumps?	No	No	No
Are single wall piping components located in containment sump? (If installed after 11/1/07)			

Other Sumps	Sump#1(PREM STP)	Sump#2(REG STP)
Are containment sumps present?	Yes	Yes
Installation Date	6/7/1999	6/7/1999
Sump Manufacturer	Xerxes: Tank Sump	Xerxes: Tank Sump
If Other (Specify)		
Sump Construction Type	Single Walled	Single Walled
Sump Construction Material	Plastic	Fiberglass Reinforced Plastic
If Other (Specify)		
Are containment sumps monitored?	No	No
Is monitoring required per 2N .0900?	No	No
Piping components and/or STP were installed/replaced on or after 11/1/07?	No	No
Are spills or small weeps evident in sumps?	No	No
Are single wall piping components located in containment sump? (If installed after 11/1/07)		

SITING AND SECONDARY CONTAINMENT

Siting And Sec.Containment-General	Tank #1(Premium)	Tank #2(Regular)
UST system upgraded with corrosion protection, spill and overfill before 1/1/91?	N/A	N/A
UST system and/or piping are located within siting and secondary containment areas?	No	No

LEAK DETECTION

General	Tank #1(Premium)	Tank #2(Regular)
DWM notified of leak detection method?	Yes	Yes
Piping type	Pressurized System	Pressurized System
Suction Check Type		
Type LLD present.	MLLD	MLLD
Tank – Primary leak detection method	Statistical Inventory Reconciliation (SIR)	Statistical Inventory Reconciliation (SIR)
Tank - if other, specify		

UST-10B

Facility ID: 0-0-0000035923

General	Tank #1(Premium)	Tank #2(Regular)
Tank - Primary LD install date	6/7/1999	6/7/1999
Tank - Secondary leak detection method		
Tank - if other, specify		
Piping - Primary leak detection method	Statistical Inventory Reconciliation (SIR)	Statistical Inventory Reconciliation (SIR)
Piping - if other, specify		
Piping - Primary LD install date	6/7/1999	6/7/1999
Piping - Secondary leak detection method		
Piping - if other, specify		

PIPING LEAK DETECTION

Pressurized Piping	Tank #1(Premium)	Tank #2(Regular)
Last MLLD/ELLD Test Date	5/12/2016	5/12/2016
MLLD/ELLD Test Result	Pass	Pass
Last LTT Test Date	5/12/2016	5/12/2016
LTT Test Result	Pass	Pass
Does test result indicate suspected release?	No	No
Number of MLLD/ELLD Types	1	1

MLLD/ELLD Equipment	Tank #1(Premium) LLD #1	Tank #2(Regular) LLD #1
MLLD/ELLD Manufacturer/Model	V-R: FX1V	V-R: FX1V
If other, describe		
MLLD/ELLD Third Party Certified?	Yes	Yes

MLLD/ELLD Testers	MLLD/ELLD Tester #1
MLLD/ELLD Tester Name	GEORGE ALLEN HALL
MLLD/ELLD Testing Company Name	PS&C
MLLD/ELLD Testing Company Phone Number	(877) 479-8152

Pressurized Piping LTT	LTT #1
LTT Manufacturer/Method	EZY-Chek Manual LLD: Estabrook
If other, describe	
LTT Third Party Certified?	Yes

Pressurized Piping LTT Tester	LTT Tester #1
LTT Tester Name	GEORGE ALLEN HALL
LTT Testing Company Name	PS&C
LTT Testing Company Phone Number	(877) 479-8152

STATISTICAL INVENTORY RECONCILIATION

SIR Systems	SIR #1
SIR Manufacturer/Model	V-R: USTMAN SIR V95.2B
If other, describe	
SIR Third Party Certified?	Yes

UST-10B

Facility ID: 0-0-0000035923

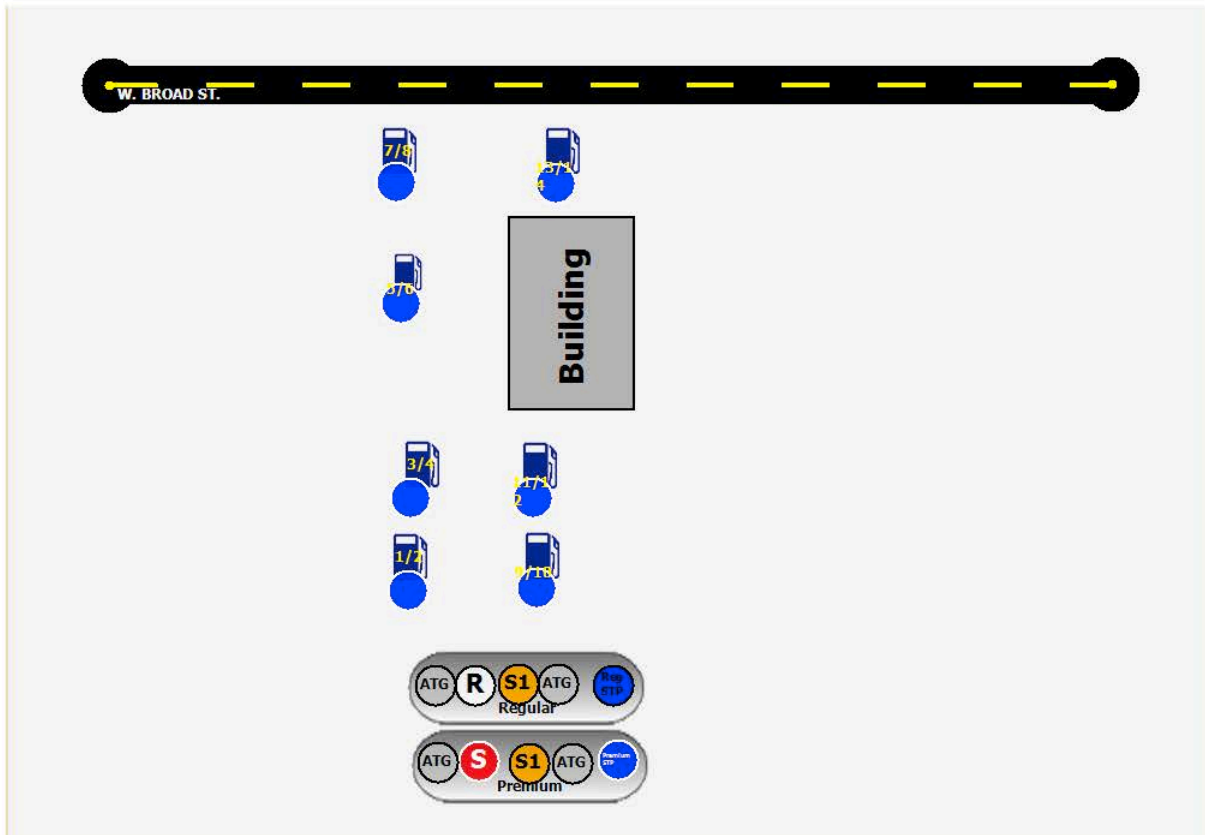
SIR Monthly LD	Tank #1(Premium)	Tank #2(Regular)
2017 Jan	Pass	Pass
2016 Dec	Pass	Pass
2016 Nov	Pass	Pass
2016 Oct	Pass	Pass
2016 Sep	Pass	Pass
2016 Aug	Pass	Pass
2016 Jul	Pass	Pass
2016 Jun	Pass	Pass
2016 May	Pass	Pass
2016 Apr	Pass	Pass
2016 Mar	Pass	Pass
2016 Feb	Pass	Pass

SIR Conclusions	
Leak Detection Requirements Met?	Yes
Do the results indicate a suspected release?	
Issues	

Electronic Data Collection	EIDC System #1
EIDC Manufacturer/Model	BLANK
If other, describe	
Tanks	#1(Premium), #2(Regular)

TRANSPORTER/FUEL DELIVERY INFORMATION

Delivery Information	Tank #1(Premium)	Tank #2(Regular)
All deliveries made to permitted tanks	Yes	Yes



Well Records

WELL RECORD

**NORTH CAROLINA DEPARTMENT OF WATER AND AIR RESOURCES
DIVISION OF GROUND WATER
BOX 9392 - RALEIGH, N. C.**

Well #2

Drilling Contractor Charles R. Underwood

Reg. No. 228

Well Permit No. 220

1. Town St. Pauls

County Robeson

2. Location _____ Quadrangle No. _____

Show a sketch of location on back of form

3. Owner Town of St. Pauls

Address St. Pauls, N. C.

4. Topography: draw, slope, hilltop, valley, flat

5. Use of Well Municipal Date Completed 10/25/69

6. Rig type or method Rotary Total Depth 347

7. Casing: Depth Diam. Type

From 0 to 95 ft. 8 in. Blank, Stout, Blank pipe
100 109 8 " " "
117 124 " " "
147 154 " " "

8. Grout: Depth Material Method

From 0 to 48 ft. Cement Pumped

9. Screen: Depth Diam. Type and opening

From 95 to 100 ft. 8 in. Steel - 1/2"
109 - 117 " " "
124 - 147 " " "

11. Water Zones (Depth) _____

Same as screen settings

12. Static Water Level: 21' 10" ft. ^{above}/_{below} top of casing

which is 1 ft. above land surface.

Date October 21, 1969

13. Yield (gpm) 458 Method of testing Orifice & Piezometer

14. Pumping Water Level: 52' 8" ft. after 24 hrs.

at 458 gpm.

15. Water Quality Good Temperature (°F) _____

16. Well sterilization method Chlorination

17. Remarks: _____

(place this sheet over correct square on map, match corners and circle a dot at well location.)

10. Permanent Pump:

Installed- Date _____

By _____

Type _____ Make _____

Capacity _____ (gpm) Hp. _____

Intake depth _____

Airline depth _____

I do hereby certify that this well record is true and exact.

SIGNATURE OF CONTRACTOR OR AGENT

White copy - Department of Water & Air Resources; Blue-Drillers copy; Green-Owner's copy.

PUMPING TEST DATA

Test conducted by: Charles R. Underwood, Sanford, N. C.
 Well Owner: Town of St. Pauls Address: St. Pauls, N. C.
 Pumped Well No.: 3 Location: _____ County: Robeson
 Observation Well Locations: _____
 Airline Lengths: Pumped Well _____ Observation Wells _____
 Remarks: _____
 Pumping rate measured with: 8 x 6 orifice Water levels measured with: Electric tape

Pump Well Data

Date and Time	Elapsed Time Min.	Piezometer Tube Reading Inches	Pumping Rate GPM	Pump Discharge Pressure	Altitude Gauge Reading Feet	Feet to Water	Remarks
October 24, 1969							
1:00 PM			Static water level			21' 10"	
1:15		8	458				Test started
1:17	2	8	458			37' 10"	
1:19	4	8	458			38' 10"	
1:21	6	8	458			39' 6"	
1:23	8	8	458			40' 0"	
1:25	10	8	458			40' 8"	
1:27	12	8	458			41' 0"	
1:29	14	8	458			41' 3"	
1:31	16	8	458			41' 6"	
1:33	18	8	458			41' 7"	
1:35	20	8	458			42' 4"	
1:40	25	8	458			42' 10"	
1:45	30	8	458			43' 2"	
1:50	35	8	458			43' 3"	
1:55	40	8	458			44' 2"	
2:00	45	8	458			44' 4"	
2:05	50	8	458			44' 7"	
2:10	55	8	458			44' 8"	
2:15	60	8	458			45' 0"	
2:20	65	8	458			45' 1"	
2:25	70	8	458			45' 2"	
2:30	75	8	458			45' 3"	
2:40	85	8	458			45' 10"	
2:50	95	8	458			46' 0"	
3:00	105	8	458			46' 6"	
3:30	135	8	458			47' 0"	
4:00	165	8	458			47' 3"	
4:30	195	8	458			47' 4"	
5:00	225	8	458			48' 2"	
5:30	255	8	458			49' 2"	
6:00	285	8	458			49' 2"	
7:00	345	8	458			50' 0"	
8:00	405	8	458			50' 8"	
9:00	465	8	458			50' 8"	
10:00	525	8	458			51' 2"	
11:00	585	8	458			51' 2"	
12:00	645	8	458			51' 6"	
1:00	705	8	458			51' 9"	October 25, 1969
2:00	765	8	458			51' 11"	
3:00	825	8	458			52' 0"	
4:00	885	8	458			52' 2"	
5:00	945	8	458			52' 4"	

October 28, 1969

LOG OF WELL # 3

Town of St. Pauls, N. C.

<u>DEPTH</u>	<u>FORMATION</u>
0 - 1	Topsoil
1 - 12	Soft sand
12 - 19	Med. hard red clay
19 - 32	Sand
32 - 36	Soft sandy clay
36 - 47	Sand
47 - 51	Clay, some sand lens
51 - 68	Sand
68 - 69	Clay
69 - 78	Sand
78 - 81	Clay (Soft sandy)
81 - 89	Sand
89 - 90	Clay
90 - 95	Sand
95 - 96	Clay
96 - 100	Sand
100 - 103	Clay
103 - 107	Sand
107 - 108	Clay
108 - 119	Sand
119 - 121	Clay
121 - 133	Sand and clay lens
133 - 147	Sand
147 - 153	Sand and clay lens
153 - 251	Clay
251 - 258	Soft sandy clay
258 - 310	Clay
310 - 325	Sand (lot of clay)
325 - 347	Clay

CASING LOG

0 - 95'	Blank 8" std. wt. black pipe
95 - 100	8" stainless well screen
100 - 109	Blank 8" std. wt. black pipe
109 - 119	8" stainless well screen
119 - 125	Blank 8" std. wt. black pipe
125 - 130	8" stainless well screen
130 - 137	Blank 8" std. wt. black pipe
137 - 147	8" stainless well screen
147 - 314	8" std. wt. black steel pipe
314 - 324	8" stainless steel well screen
324 - 331	Blank 8" std. wt. black pipe - tail pipe

Example Public Notice

Please publish the following notice in the *The Robesonian* once on [DATE]. Once published, please forward a copy of the affidavit to Mr. J.R. Steigerwald at the Town of St. Pauls, PO Box 364, St. Pauls, NC 28384.

Town of St. Pauls Wellhead Protection Program Notice

The Town of St. Pauls, with assistance from the North Carolina Rural Water Association, is in the process of updating our Wellhead Protection Program. This is a voluntary program intended to assist us in protecting the system's water supply from contamination, and to identify vulnerable areas around our wells called the "Wellhead Protection Area". 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 Area" can be drawn into the wells, possibly contaminating the system's drinking water supply.

The Town is asking for your assistance in developing this program. A draft copy of the Wellhead Protection Plan will be available for review and comment at the St. Pauls Town Hall located at 210 W. Blue St. for a period of thirty (30) days. You are invited to review the program, and submit any comments or suggestions to the Town of St. Pauls. All written public comments will be reviewed by the Wellhead Protection Committee, and any suggestions or comments that may be beneficial will be incorporated into the program.

If you have any questions or comments, please feel free to contact Danny Holloman, Public Works Director, at (910) 865-5164.

Site Evaluation Forms for Potential Contaminant Sites

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: ~~Exxon Shop 6~~ Minuteman Food Mart #41

Address: 1038 W. Broad Street
St. Pauls, NC 28384

Phone #: 863-3070

Email: _____

Website: minutemanfoodmart.com

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

UST

Owner: Five Star Propane, LLC

Address: PO Box 637
Elizabethtown, NC 28337

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Diesel</u>	<u>5000</u>
<u>Fuel #1</u>	<u>10,000 12,000</u>
<u>Fuel #3</u>	<u>10,000</u>
<u>Premium</u>	<u>10,000</u>
<u>motor oil</u>	<u>6 cases</u>

Additional Information:

Fac ID#: 00-034494
 Cert. #: 201705292R1

Signature/Title: Laura Russell
mar

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Oak Ridge Cemetery

Address: 1019 W. Broad St.

St. Pauls, NC 28384

Phone #: (910) 865-5164

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 St Pauls

Address: _____

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:

5,475 used

4,000 available

Quantities:

Additional Information:

Signature/Title: Dante Leg Asst. PW

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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. Pauls NC -NC-419309

Address: _____
St. Pauls, NC 28384

Phone #: 877-518-6937

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: American Tower Corporation

Address: _____

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Diesel Fuel</u>	<u>150</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

FCC Tower Registration No. - 1004971
FCC Site ID: CATS I.D. # 227546

Signature/Title: Dante Lopez

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: ~~Circle B 10~~ Quick Save I

Address: 941 W. Broad Street
St. Pauls, NC 28384

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: Alhobishi Convenience Stores & Co

Address: 19369 HWY 301 N
St Pauls, NC 28384

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Tank # 1</u>	<u>10,000 gal</u>
<u>Tank # 2</u>	<u>10,000 gal</u>
<u>Motor Oil</u>	<u>5 cases</u>
<u>Gasoline Gas mix (3 tanks)</u> <u>w/1 being temporarily closed</u>	<u>10,000 each</u>
<u>Heating Oil</u>	<u>550 gallons</u>

Additional Information:
Facility # 00-0-00000019739
Cert # 20170336101

Signature/Title:

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Pantry 3779 DBA: Kangaroo
 Address: 921 W. Broad St.
St. Pauls, NC 28384
 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: Circle K Stores Inc.
 Address: 2550 W TYVOIA Road, Suite 200
Charlotte, NC 28217
 Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Tank # 1</u>	<u>5,000 12,000</u>
<u>Tank # 2 Gasoline, Gas Mix</u>	<u>5,000 12,000</u>

Additional Information:
Fac. # 06-35923
Cert # 20170673801

Signature/Title: May Bily, Asst. Mgr

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Poco Shop 2

Address: 940 W. Broad St.
St. Pauls, NC 28384

Phone #: 910-865-2277

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: RSAP of Raeford LLC

Address: 7590 Philip Ch Rd
Raeford NC 28376

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Motor Oil</u>	<u>15 Cases</u>
<u>Anti Freeze</u>	<u>2 Cases</u>
<u>DEF</u>	<u>25 Cases</u>
<u>Gasoline</u>	<u>(2) 8,000 tanks</u>
<u>Gasoline</u>	<u>(1) 6,000 tank</u>
<u>Diesel</u>	<u>(4) 6,000 gal tanks</u>

Additional Information:

Facility # 00-0-0019204
Cert # 20170463301

Signature/Title: Shirley Wark - Mgr.

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: TranSource Truck & Trailer Centers

Address: 100 N. Sanford St.
St. Pauls, NC 28384

Phone #: 910-865-3002

Email: rick.pfifer@tsource.com

Website: www.transourcetrucks.com

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

<p>Potential Contaminants:</p> <p><u>300 New Oil gal.</u></p> <p><u>500 gal new oil</u></p> <p><u>500 gal used oil.</u></p> <p><u>Truck Soap</u></p> <p><u>Degreaser</u></p>	<p>Quantities:</p> <p><u>Fuel Treatment 5</u></p> <p><u>Antifreeze 300</u></p> <p><u>motor oil 100</u></p> <p><u>Oil Stabilizer 20</u></p> <p><u>Grease 20-30</u></p> <p><u>Auto Truck Batteries 120</u></p> <p><u>50 gal.</u></p> <p><u>50 gal.</u></p>
--	--

Additional Information:

oil separator in the ground (250 gal tank)

Signature/Title: *[Signature]*

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Happy Mart 3

Address: 902 W. Braod St.
St. Pauls, NC 28384

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: Alhobishi Convenience Stores iRental

Address: 19369 HWY 301 N
St Pauls, NC 28384

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Tank # 1</u>	<u>12,000</u>
<u>Tank # 2</u>	<u>8,000</u>
<u>Tank # 3</u>	<u>15,000</u>
<u>Motor Oil</u>	<u>3 cases</u>
_____	_____
_____	_____
_____	_____

Additional Information:

Facility # 00-0-0033200
Cert # 20170186101

Signature/Title: Dexter Lopez

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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

Address: S. Wilkerson Dr. & W. Broad St.
St. Pauls, NC 28384

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 St Pauls

Address: _____

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>No Generator</u>	_____
<u>No Chemicals</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Two pumps Myers 4VX 9pm 180 15 hp.

Signature/Title: *Dante Rye* Asst PW

Date: 12-8-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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. Pauls Fire Department

Address: 585 W. McLean St.
St. Pauls, NC 28384

Phone #: 865-4603

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 St Pauls

Address: _____

Phone #: 865-5164

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Diesel Fuel</u>	<u>200 gal</u>
<u>Knockdown Foam Concentrate</u>	30 gal
_____	<u>30x5 gal</u>
_____	_____
_____	_____
_____	_____

Additional Information:

MTU Onsite Energy

Signature/Title: Kenneth Hunt Jr.

Generator

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Three Rivers Medical Center

Address: 580 West McLean Street
St. Pauls NC 28384

Phone #: 910-615-3570

Email: _____

Website: www.capefearvalley.com

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: Cape Fear Valley Hospital System


Address: 1638 Owen Drive
Fayetteville, NC 28304

Phone #: 910-615-4000

Supply/Chemical/Application Inventory

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

Additional Information:

Signature/Title:  John Crowley PA-C Date: 12-8-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: St Pauls Boles-Biggs Funeral Home

Address: 565 W. McLean St.
St. Pauls, NC 28384

Phone #: 910-865-3400

Email: _____

Website: Bales - Biggs

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: Jamie Bales

Address: 565 W. Mclean Street
St. Pauls NC 28384.

Phone #: 910-865-3400

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>MetaFlow</u>	<u>1 Gallon</u>
<u>Garnix</u>	<u>1 Gallon</u>
<u>Purma-Co</u>	<u>1 Gallon</u>
<u>Epic</u>	<u>1 Gallon</u>
<u>Syn Gel</u>	<u>1 Gallon</u>
<u>SeFrac</u>	<u>1 Gallon</u>
<u>Chromatech</u>	<u>1 Gallon</u>

Additional Information:

Signature/Title: [Signature]

Date: 12-18-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.

Benton



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

Address: 324 S. 5th St.
St. Pauls, NC 28384

Phone #: (910) 865-5105

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

Potential Contaminants:	Quantities:
<u>Motor Oil</u>	<u>2,000 gals</u>
<u>Hydraulic</u>	<u>500 gals</u>
<u>Anti freeze</u>	<u>500 gals</u>
<u>Battery</u>	<u>300 gal</u>
<u>Transmission Fluid</u>	<u>200 gal</u>
<u>Fuel Treatment</u>	<u>100 gal</u>
<u>Degreasers</u>	<u>100 gal</u>
<u>Alum Brightener</u>	<u>10 gals</u>
<u>Paint thinners</u>	<u>50 gals</u>

Additional Information:

Signature/Title:

Date: 11-27-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Big Marsh Fire Department

Address: 456 S. 5th. Street
St. Pauls, NC 28384

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

Potential Contaminants:	Quantities:
<u>Stand by Gen Diesel fuel</u>	<u>120 gals</u>
<u>Knockdown Foam Concentrate</u>	<u>80 gals</u>
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: *[Signature]*

Date: 11-27-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Fields Towing

Address: 639 S. 5th. St.
St. Pauls, NC 28384

Phone #: (910) 865-4695

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: Jimmy Fields

Address: _____

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Used Oil</u>	<u>100 gals</u>
<u>New Oil</u>	<u>5 gals</u>
<u>Diesel Fuel</u>	<u>50 gals</u>
<u>Hydraulic Fluid</u>	<u>210 gals</u>
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 11-27-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: S&S Auto Repair

Address: 343 S. 5th St.
St. Pauls, NC 28384

Phone #: (910) 865-2147

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: _____

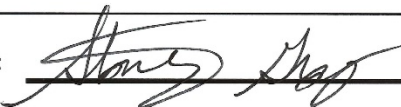
Address: _____

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Used Oil - Above Ground Tank</u>	<u>500 gal</u>
<u>New Oil - Above Ground Tank</u>	<u>160 gals</u>
<u>Anti Freeze</u>	<u>40 gals</u>
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: 

Date: 11-27-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Village Square Laundry

Address: 347 S. 5th. St.
St. Pauls, NC 28384

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

Potential Contaminants:	Quantities:
<u>liquid bleach</u>	<u>624 loads (1/8 of cup)</u>
<u>liquid detergent</u>	<u>624 loads 1/3 cup/load</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

fabric softener 624 loads

Signature/Title: Gale Mauldin

Date: 11-27-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Village Square Mini Storage

Address: 347 S. 5th St.
St. Pauls, NC 28384

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

Potential Contaminants:	Quantities:
<u>No liquids</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: *Dustin Ray*

Date: 11-27-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Woods Walker's Convenience Store

Address: 315 S. 5th. Street
St. Pauls, NC 28384

Phone #: (910) 865-1417

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: KCM Services Inc.

Address: PO BOX 412
St Pauls NC 28384

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Tank 1</u>	<u>8,000</u>
<u>Tank 2</u>	<u>6,000</u>
Diesel Tank 3 <u>Tank 3 / Gasoline</u>	<u>6,000</u>
<u>Motor Oil</u>	<u>2 cases</u>
<u>Anti Freeze</u>	<u>1 case</u>

Additional Information:

~~Facility #~~ Facility # 00-0-0026873

Cert # 20170348401

Signature/Title:

Date: 11-27-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Private Lift Station -

Address: Corner of W. McLean & S. 5th. Street
St. Pauls, NC 28384

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 St Pauls.

Address: _____

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>No Generators</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

2 hp.

gpm 32.

Signature/Title: Asst PW

Date: 12-8-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: AutoZone

Address: 201 S. 5th. St.
St. Pauls, NC 28384

Phone #: (910) 865-2731

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

Potential Contaminants:	Quantities:
<u>Motor Oil</u>	<u>700 gals</u>
<u>Anti Freeze</u>	<u>200 gals</u>
<u>Battery</u>	<u>200</u>
<u>Hydraulic Fluid</u>	<u>100 gals</u>
<u>Fuel Treatment</u>	<u>20 gals</u>
<u>Decreaser</u>	<u>50 gals</u>
<u>Brake Fluid</u>	<u>10 gals</u>
<u>Power steering</u>	<u>10 gals</u>
<u>Def Fluid</u>	<u>50 gals</u>

Additional Information:

Signature/Title: Michael Jannon STORE MGR

Date: 12-8-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Five Star Discount

Address: 502 W. Broad St.
St. Pauls, NC 28384

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: Fadh/ Alhobishi

Address: 502 W Broad St
St Pauls NC 28384

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Tank 1</u>	<u>12,000</u>
<u>Tank 2</u>	<u>10,000</u>
<u>Tank 3</u>	<u>10,000</u>
<u>Kerosene</u>	<u>500 gal (AST)</u>
<u>Motor Oil</u>	<u>1 case</u>

Additional Information:

Facility # 00-0-0019931 No Diesel
Cert # 20170694104

Signature/Title: *[Signature]* Asst Pw

Date: 12-7-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: RS Food Mart 1 Minuteman Food Mart #42

Address: 104 N. 5th. St.
St. Pauls, NC 28384

Phone #: 910-865-1476

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: Five Star Propane LLC

Address: P.O. Box 657
Elizabethtown NC 28357

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Tank 1 Gas</u>	<u>12,000</u>
<u>Tank 2 Gas</u>	<u>10,000</u>
<u>Tank 3 Gas Xero (temp closed)</u>	<u>6,000</u>
<u>Motor</u>	<u>1 case @ 12/case</u>
<u>Anti freeze</u>	<u>1 case @ 6/case</u>
_____	_____
_____	_____
_____	_____

Additional Information:

<u>Facility # 00-0-0019033</u>	<u>No Diesel</u>
<u>Cert # 201703918R1</u>	<u>No kerosene</u>

Signature/Title: Louise Glover

Date: 12-7-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Dudley ~~Realty~~ Properties LLC
 Address: 218 N 5th St. (1408 Airfield St.)
N. 5th. Street - #?
St. Pauls, NC 28384
 Phone #: 910-920-6035
 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: Dudley ~~Gateway~~ Properties
 Address: PO BOX 87763
Fayetteville NC 28304
 Phone #: (910) 920-5270

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Car wash liquid</u>	<u>5-7 gals</u>
<u>Afterwash wax</u>	<u>2 gals</u>

Additional Information:

8 Bay Carwash - Manual

Signature/Title: _____

Date: _____

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: St. Pauls Presbyterian Church

Address: 228 N. Old Stage Rd.
St. Pauls, NC 28384

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

Potential Contaminants:	Quantities:
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

of Grave Plots Vacant = 10
 # of Grave Plots Occupied = 500

Signature/Title: *[Signature]*

Date: 12-8-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: McDonald Auto Care Center

Address: 302 W. Broad St.
St. Pauls, NC 28384

Phone #: 865-5135

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

Potential Contaminants:	Quantities:
<u>Used Oil</u>	<u>200 gals</u>
<u>Motor Oil</u>	<u>6 cases @ 12 gals.</u>
<u>Anti Freeze</u>	<u>60 gals</u>
<u>Battery</u>	<u>< 10</u>
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: *Matthew McRae Mungler*

Date: 12-7-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: St. Pauls Farmers Exchange

Address: 222 W. Broad St.
St. Pauls, NC 28384

Phone #: 910-865-4149

Email: spfe@ncarbiz.com

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: NC Corporation Larry McGowan Agent

Address: 222 West Broad Street
ST. PAULS NC 28384

Phone #: 910-865-4149

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Fungicides</u>	<u>Less Than 10 gallons or 10 lbs</u>
<u>Insecticides</u>	<u>Less Than 25 gallons</u>
<u>Herbicides</u>	<u>Less Than 100 gallons</u>
<u>Miticides</u>	<u>None</u>
<u>Dry Insecticides</u>	<u>Less Than 100 lbs</u>
<u>Anti Freeze</u>	<u>Less Than 40 gallons</u>
_____	_____
_____	_____

Additional Information:

No Restricted US Pesticides in Inventory

Signature/Title: Larry H. McGowan

Date: 12-7-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: Centurylink

Address: 269 W. Blue St.
St. Pauls, NC 28384

Phone #: 910-~~844~~²⁷⁰-3030

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

Potential Contaminants:	Quantities:
<u>Electrical Substation</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: Alicia Melton

Date: 12-18-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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. Pauls Public Works Facility

Address: 109 W. McLean St.
St. Pauls, NC 28384

Phone #: 910-865-5164

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 St. Pauls

Address: 210 W Blue St
St Pauls NC 28384

Phone #: (910) 865-5164

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Round-up</u>	<u>30 gals</u>
<u>24D</u>	<u>10 gals</u>
<u>Molten</u>	<u>100 gals</u>
<u>ULV Mist Oil (Mineral oil)</u>	<u>100 gals</u>
<u>Perm-X UL 30-30</u>	<u>10 gals</u>
<u>Motor Oil</u>	<u>15 gals</u>
<u>Hydraulic</u>	<u>150 gals</u>
<u>Anti freeze</u>	<u>10 gals</u>
<u>Diesel</u>	<u>50 gals</u>
<u>Gas</u>	<u>25 gals</u>

Additional Information:

Signature/Title: Bruce Rags Asst PW

Date: 11-27-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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. Pauls Water Treatment Plant

Address: 108 W McLean St.
St. Pauls, NC 28384

Phone #: (910) 865-5164

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 St Pauls

Address: 210 W Blue St
St Pauls NC, 28384

Phone #: (910) 865-5164

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Liquid bleach</u>	<u>110 gals</u>
<u>OP 37 (polyphosphate)</u>	<u>110 gals</u>

Additional Information:
Lime 100 bags @ 50 lbs .

Signature/Title: *Brenton* Asst PW Director Date: 11-27-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: D.D. McColl Inc.
 Address: 111 W. Broad St.
St. Pauls, NC 28384
 Phone #: 910 865 5106
 Email: WILLIAMIV@GMAIL.COM
 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: D.D. McColl Inc
 Address: 111 W BROAD ST
ST. PAULS NC 28384
 Phone #: 910 865 5106

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>BAGGED FERTILIZER</u>	<u>6 TONS</u>
<u>PESTICIDES GRANULAR</u>	<u>1 TON</u>
<u>PESTICIDES LIQUID</u>	<u>120 GAL</u>
<u>OIL</u>	<u>60 GAL</u>
<u>SOLVENTS, THINNERS, ETC</u>	<u>60 GAL</u>
<u>Gasoline - UST</u>	<u>1,000 gallon</u>

Additional Information:

Fac. ID #: 00-019891
Block behind water tower - 114 W. Blue. (34.805419, -78.971893)

(2) Locations - 1 company

Signature/Title: William IV McColl President Date: 11/8/2017

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: The Manning Corporation Genesis Wholesale

Address: 8 W. Blue St.
St. Pauls, NC 28384

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: The Manning Corporation

Address: PO Box 6800
Pinehurst, NC 28374

Phone #: _____

Supply/Chemical Application Inventory

Potential Contaminants:	Quantities:
<u>Laundry Detergent</u>	<u>10 gals</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: David Sosa

Date: 12-8-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: Superior Ind. Flooring
 Address: 106 E. Clark St (A)
 Phone #: 910-865-6565
 Email: SIF@superiorindflooring.com
 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: Flooring installation (Industrial)

Owner Information

Owner: Jerry Weindel
 Address: 320 W. Blue St
St. Pauls N.C. 28384
 Phone #: 910-263-2693

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>EPOXY RESIN (Stored in Drums) 8</u>	<u>150 gals</u>
<u>EPOXY Hardeners (Stored in Drums)</u>	<u>100 GAL</u>
<u>(Paint) gal containers</u>	<u>50 gals</u>
<u>Diesel - Standby Gen</u>	<u>100 gals</u>
<u>Heating Oil Tank</u>	<u>10,000 gal.</u>

Additional Information:
 All material stored in 1 confined space. Existing drains have been block off.

Signature/Title: [Signature]

Date: 12-17-2017

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: A. Butler Plant # 27 - Brocks cabinet

Address: 109 West Clark
St. Pauls, NC 28384

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

Potential Contaminants:	Quantities:
<u>No chemicals</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Storage warehouse.

Signature/Title: Butler Age Asst PW

Date: 12-8-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: Lift Station # 2

Address: S. ~~Dennis St.~~ Bulter St
St. Pauls, NC 28384

Phone #: (910) 865-5164

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 St Pauls

Address: _____

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>No Generator</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:
Two pumps 7.5 hp
130 gpm

Signature/Title: Dante Roy Asst. PW

Date: 12-8-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: Recognize Designs

Address: 116 S. 5th St.
St. Pauls, NC 28384

Phone #: 910-865-1175

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

Potential Contaminants:	Quantities:
<u>Paint thinner</u>	<u>4 1 gal</u>
<u>Paint water base</u>	<u>2 gal</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: _____

Date: _____

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: Kangaroo Carwash

Address: 921 W. Broad St.
St. Pauls, NC 28384

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: Circle K Stores Inc.

Address: 2550 W TYVOEA Rd, Suite 200
Charlotte, NC 28217

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Salt</u>	<u>50 gals</u>
<u>Alkaline Base</u>	<u>10 gals</u>
<u>RainX</u>	<u>10 gals</u>
<u>Armorall Polish</u>	<u>40 gals</u>
<u>Car wash Blue Coral ph 3/00</u>	<u>40 gals</u>

Additional Information:

Signature/Title: May Bieby Asst Mgr

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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Facility Information

Facility Name: Well Site # 2 Second St. Clark

Address: _____
St. Pauls, NC 28384

Phone #: (910) 865-5164

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 St Pauls

Address: _____

Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>NO Generator</u>	_____
<u>No chemicals.</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Pump Cap. 220 gpm Raw Drinking water

Signature/Title: Dante Lopez Asst. PW

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: Well Site # 3

Address: Odom Rd.
St. Pauls, NC 28384

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

Potential Contaminants:	Quantities:
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

365 gpm Raw Drinking water

Signature/Title: *Dante Lopez* Asst. PW

Date: 12-8-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



Site Evaluation Form for Potential Contaminant Sources

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Facility Information

Facility Name: Well Site # 4

Address: Fire Station Lot
St. Pauls, NC 28384

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

Potential Contaminants:	Quantities:
<u>No Generator</u>	_____
<u>No Chemical</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

84' deep Raw drinking water

pump cap. 6000 gpm

Signature/Title: *Dante Lopez* Asst PW

Date: 12-8-12

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.



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: McNeill Mackie Funeral Home
 Address: 319 W. Broad St.
 Phone #: 910-865-4105
 Email: dmackie@embargmail.com
 Website: www.mcneillmackiefuneralhome.com

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: Self
 Address: _____
 Phone #: _____

Supply/Chemical/Application Inventory

Potential Contaminants:	Quantities:
<u>Formaldehyde</u>	<u>24 x 6 @ 16 oz.</u>
<u>Disinfectant</u>	<u>3 gal</u>
<u>Folex (moisture reducer/alcohol)</u>	<u>1/2 gal</u>
_____	_____
_____	_____
_____	_____
_____	_____

Additional Information:

Signature/Title: Doreen Mackie owner -

Date: 11-21-17

For Questions please contact Danny Holloman, St. Pauls Public Works Director, at 910-865-5164 or Alicia Melton, NCRWA, at 919-812-2008.

