



April 11, 2013

North Carolina Department of Environment and Natural Resources  
Division of Waste Management, Superfund Section  
Inactive Hazardous Sites Branch  
217 West Jones Street  
Raleigh, North Carolina 27603

Attention: Elizabeth Cannon, Hazardous Waste Section Chief

**Subject: Notification of Inactive Hazardous Substance Site  
and Request for "No Further Action" Status**  
Apex Village  
500-610 East Williams Street  
Apex, North Carolina 27501

Dear Ms. Cannon:

Mill Creek Environmental Services, Inc. (MCES) has completed a Phase I Environmental Site Assessment (ESA) and a Phase II Subsurface Investigation for the subject property. Based on the results of the Phase II investigation, MCES is submitting the attached Notification of Inactive Hazardous Substance Site form on behalf of the property owner.

The subject property is a multi-tenant retail facility that has been in use since the early 1980's. Prior to development as a shopping center, the site had a history of use as residential property and a construction company headquarters and equipment yard. Three underground storage tanks associated with a former gas station were removed from the subject property in 1993 and received a "closed out" status upon completion of site remediation activities. Two underground storage tanks are present at the subject property at this time: one (1) 2,000-gallon diesel UST that formerly contained diesel fuel for a dry-cleaning operation and one (1) 200-gallon UST that formerly contained kerosene and then used oil from a vehicle repair shop.

Phase II subsurface investigation activities were completed on January 23 and March 7-8, 2013 to address recognized environmental conditions identified during preparation of the Phase I ESA, including the presence of former and current USTs, the former presence of a dry cleaning facility, and the presence of auto repair facilities at the subject property. The scope of the subsurface

investigation was directed specifically to address the nature and extent of potential hydrocarbon, volatile organic compound (VOC), and semi volatile organic compound (SVOC) impacts to the soil and groundwater at locations of concern at the subject property. The scope of work included the completion of soil borings at thirteen (13) locations and the collection of soil and/or groundwater samples from the thirteen soil borings. The results of the Phase II investigation indicated that three compounds were present in groundwater at the subject property at concentrations in excess of in excess the North Carolina Groundwater Quality Standards: Naphthalene, tetrachloroethene (PCE), and bis(2-ethylhexyl) phthalate.

To address the naphthalene detected in groundwater, the property owner will remove the underground storage tanks, collect the required soil and/or groundwater samples, and submit a closure report to NCDENR's Underground Storage Tank Section.

To address the PCE detected in groundwater at this site, the property owner is requesting "No Further Action" (NFA) status from the Inactive Hazardous Sites Branch through submittal this notification accompanied by the data in the attached Phase II Environmental Site Assessment.

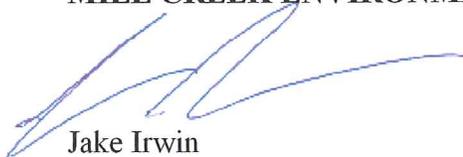
Bis (2-ethylhexyl) phthalate is a compound found in PVC, plastic, and rubber products and has been documented to be found almost everywhere in our environment. It is our assumption that the bis (2-ethylhexyl) phthalate detected in groundwater samples collected from SB-7 and SB-8 are the results of cross contamination from sampling equipment, laboratory contamination, and/or from leaching of this compound from a PVC water line that is located adjacent to those sampling locations. Since no other regulated compounds were detected in groundwater collected from SB-7 and SB-8 in excess of their notification or clean-up criteria, and since there is no known source of the compound on the property, we assume that these detections are anomalous.

On behalf of our client, we are requesting NFA status for the subject property at this time. MCES does not recommend any investigation or remediation activities at the subject property based on the observation that the PCE detected at the subject property was present at very low concentrations, was "spotty" in nature, and in our opinion does not indicate a significant release of these compounds at this property. The observed contamination appears to be the results of minor surface drips and spills rather than a large spill or a long-term leak from an underground source. The PCE detected has also been demonstrated to not have originated from the former on-site dry cleaners. The extent of contaminants has been sufficiently defined within the property boundaries and the very low concentrations detected do not appear to be a significant risk to human health or the environment.

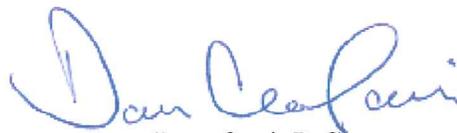
A complete summary of site investigation activities, soil boring and sample collection methodologies, and laboratory analytical results is included in the attached Phase II Report for the subject property. A completed copy of the Notification of an Inactive Hazardous Substance Disposal Site form is attached as well. Please review and feel free to call the undersigned if you have comments or questions of if you need more information.

Ms. Elizabeth Cannon  
April 11, 2013  
Page 3 of 3

Sincerely,  
**MILL CREEK ENVIRONMENTAL SERVICES, INC.**



Jake Irwin  
Program Manager



Dan Centofanti, P.G.  
Project Manager

**Attachments:**

Notification of An Inactive Hazardous Substance Disposal Site  
Expanded Phase II ESA, March 2013



North Carolina Department of Environment and Natural Resources  
 Division of Waste Management  
 Superfund Section  
 Inactive Hazardous Sites Branch



## NOTIFICATION OF AN INACTIVE HAZARDOUS SUBSTANCE OR WASTE DISPOSAL SITE

Please read instructions before completing and type or print in black ink.

I. SITE NAME AND LOCATION:

Site Name (one site per form) Apex Village  
 Location (street address) 500-610 Williams Street  
 City Apex US EPA ID# (if known) NA  
 County Wake  
 Directions to Site  
From Raleigh:  
- US-1 South to Exit 95 (Williams St.)  
- North on Williams to James St.  
- Site is ~500 ft north of James St,  
on left  
Lat: 35.723767  
Long: -78.847971

Attach a USGS topographic map or map of equal or reasonably similar scale (1 inch = 2000 ft.) showing the location and vicinity of the site or facility. Label map with the site name.

II. PERSON COMPLETING FORM:

Name Mill Creek Env. Svcs. Inc.  
 Mailing Address 1818 Perimeter Rd  
 City Dunwoody State GA Zip Code 30534  
 Telephone (706) 579-1607

Present Owner \_\_\_\_\_  
 Past Owner \_\_\_\_\_  
 Present Operator \_\_\_\_\_  
 Past Operator \_\_\_\_\_  
 Other  (consultant)  
 (specify) \_\_\_\_\_

III. PRESENT OWNER:

Individual Owner or Company Name  
NEW FALLS PROPERTY, LLC  
 Executive Officer ZACHARY FISHER, AGENT  
 Mailing Address P.O. BOX 3807  
 City CARY State N.C. Zip Code 27519  
 Telephone (919) 280-2901

Corporation   
 Partnership \_\_\_\_\_  
 Individual \_\_\_\_\_  
 Government Unit \_\_\_\_\_  
 Other \_\_\_\_\_  
 (specify) \_\_\_\_\_

IV. CURRENT SITE USE:

Check the item or items which describe the current use of the site.

Residential	<input type="checkbox"/>	Forest Land	<input type="checkbox"/>	Retirement Home	<input type="checkbox"/>
Business	<input checked="" type="checkbox"/>	Farm Land	<input type="checkbox"/>	Other	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	School/Day Care	<input type="checkbox"/>	(specify)	_____
Pasture Land	<input type="checkbox"/>	Hospital	<input type="checkbox"/>	_____	_____

V. ON-SITE RESIDENTS:

Are there any on-site residents?  Yes  No  
 Number of children (# 6 years old) living on site      Number of adults     

VI. SURROUNDING PROPERTY USE:

Check the appropriate description of the area surrounding the site. (More than one may apply.)

Residential	<input checked="" type="checkbox"/>	Forest Land	<input type="checkbox"/>	Retirement Home	<input type="checkbox"/>
Business	<input checked="" type="checkbox"/>	Farm Land	<input type="checkbox"/>	Other	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	School/Day Care	<input checked="" type="checkbox"/>	(Specify)	_____
Pasture Land	<input type="checkbox"/>	Hospital	<input type="checkbox"/>	_____	_____

VII. Site Operations (More than one may apply):

*Site is a multi-tenant retail facility*

	Current	Previous
1. Mining	<input type="checkbox"/>	<input type="checkbox"/>
2. Paper and wood production	<input type="checkbox"/>	<input type="checkbox"/>
3. Textiles	<input type="checkbox"/>	<input type="checkbox"/>
4. Fertilizer	<input type="checkbox"/>	<input type="checkbox"/>
5. Printing/painting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Leather tanning	<input type="checkbox"/>	<input type="checkbox"/>
7. Iron/steel foundry	<input type="checkbox"/>	<input type="checkbox"/>
8. Chemical, general	<input type="checkbox"/>	<input type="checkbox"/>
9. Plating/polishing	<input type="checkbox"/>	<input type="checkbox"/>
10. Military/ammunition	<input type="checkbox"/>	<input type="checkbox"/>
11. Firing range	<input type="checkbox"/>	<input type="checkbox"/>
12. Rubber/plastics	<input type="checkbox"/>	<input type="checkbox"/>
13. Utility companies/transformers	<input type="checkbox"/>	<input type="checkbox"/>
14. Sanitary/refuse	<input type="checkbox"/>	<input type="checkbox"/>
15. Photo finishing	<input type="checkbox"/>	<input type="checkbox"/>
16. Lab/hospital	<input type="checkbox"/>	<input type="checkbox"/>
17. Wood treating	<input type="checkbox"/>	<input type="checkbox"/>
18. Battery reclamation	<input type="checkbox"/>	<input type="checkbox"/>
19. Pesticides formulation, packaging and/or distribution	<input type="checkbox"/>	<input type="checkbox"/>
20. Herbicide formulation, packaging and/or distribution	<input type="checkbox"/>	<input type="checkbox"/>
21. Other agrichemical formulation, packaging and/or distribution	<input type="checkbox"/>	<input type="checkbox"/>
22. Dry cleaning	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23. Petrochemical processing or refining	<input type="checkbox"/>	<input type="checkbox"/>
24. Furniture manufacturing or finishing	<input type="checkbox"/>	<input type="checkbox"/>
25. Drum reconditioning	<input type="checkbox"/>	<input type="checkbox"/>
26. Unknown	<input type="checkbox"/>	<input type="checkbox"/>
27. Other (specify) <u>Auto Repair</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

VIII. ENVIRONMENTAL PERMITS:

List all previous and current environmental permits below.

Type of Permit (e.g. landfill, nondischarge, etc.)	Past (circle one)	Present	Permit Number	Date Issued	Issuing Agency
RCRA Reg-Gen/NLR	Past	Present	DCD 981473002	2-1-96	EPA
VST	Past	Present	VA 60000		DCD EPR
VST	Past	Present	VA 60000		DCD EPR
	Past	Present			
	Past	Present			
	Past	Present			
	Past	Present			

IX. KNOWN OR SUSPECTED RELEASES OF HAZARDOUS SUBSTANCES OR WASTE TO THE ENVIRONMENT:

List all on-site spills, disposals and other releases of hazardous substances or materials containing hazardous substances.

Material/ Chemical Released (Known and suspected)	Physical State of Material (Use codes below)	Approx. Volume Released	Date of Release	Suspected Contaminants (Use codes below)	Source of Release (e.g. tank, buried drums, landfill, product spill, etc.)	Known or Suspected Contamination
						Ground water Surface Water Sediment Soil <Enter "K" if Known and "S" if Suspected >
PCE	L	unknown	unknown		minor d/ps/spills	

Physical State Codes

- G - Containerized Gas
- L - Liquid
- S - Solid/Powder
- Sl - Sludge

Codes for Suspected Contaminants

- A - Acids
- Ab - Asbestos
- Am - Ammonia
- B - Bases
- C - Cyanide
- D - Dioxins
- M - Metals
- Mu - Mixed Municipal Waste
- O - Organic Chemicals
- P - PCBs
- Pe - Petroleum Products
- Ps - Pesticides
- W - Waste Oil

X. TOTAL AREA OF ALL DISPOSALS, SPILLS, OR RELEASES OF HAZARDOUS SUBSTANCES OR WASTE:

- less than 1 acre
- 1 acre or more, but less than 5 acres
- 5 acres or more, but less than 10 acres
- 10 acres or more
- Unknown

XI. AVAILABILITY OF ENVIRONMENTAL ANALYTICAL DATA:

Do any environmental reports or laboratory analytical data exist for the site?  Yes  No  
 If yes, attach reports or data to this form.

XII. IDENTIFY WHETHER ANY OF THE FOLLOWING ARE PRESENT OR WERE PRESENT IN THE PAST AT THE SITE (*More than one may apply.*):

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Debris pile(s)                 | <input type="checkbox"/> Tank(s) above ground           | <input type="checkbox"/> Spill(s)             |
| <input type="checkbox"/> Land treatment of sludges      | <input type="checkbox"/> Septic tank(s)                 | <input type="checkbox"/> Wastewater lagoon(s) |
| <input type="checkbox"/> Landfill(s) or buried waste    | <input type="checkbox"/> Surface impoundment(s)         | <input type="checkbox"/> Drum(s)              |
| <input checked="" type="checkbox"/> Tank(s) underground | <input type="checkbox"/> Underground injection of waste |   |
| <input type="checkbox"/> Other ( <i>specify</i> ) _____ |   |   |

XIII. ACCESSIBILITY OF SITE (*More than one may apply.*):

- 24-hour security guard
- Security guard < 24-hour/day
- Physical barrier (steep bank, creek, walls, etc.)  
Describe physical barriers \_\_\_\_\_
- Site completely surrounded by fence
- Site partially surrounded by fence
- Locked gate
- Unlocked gate
- No control of access to site
- Other (*specify*) \_\_\_\_\_

XIV. WATER SUPPLY SOURCES:

Identify whether the following are present on site or on adjacent property.

	Present on site		Present on Adjacent Property	
	Yes	No	Yes	No
Spring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Well	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface Water Intake	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

XV. SITE SURFACE WATER:

Indicate whether any surface water bodies (e.g. streams and lakes) exist on the site or the property adjacent to the site.

Unnamed tributary to Middle Creek is located  
at eastern property boundary

XVI. CERTIFICATION AND SIGNATURE:

I certify that to the best of my knowledge and belief, the information supplied on this form is complete and accurate.

Signature [Handwritten Signature] Date 3-26-13

Name and Title (Type or print) Dan Centofanti, North Carolina P.G. #1557

Mailing Address 1818 Perimeter Road  
Dawsonville, GA 30534

GA STATE

Dawson COUNTY

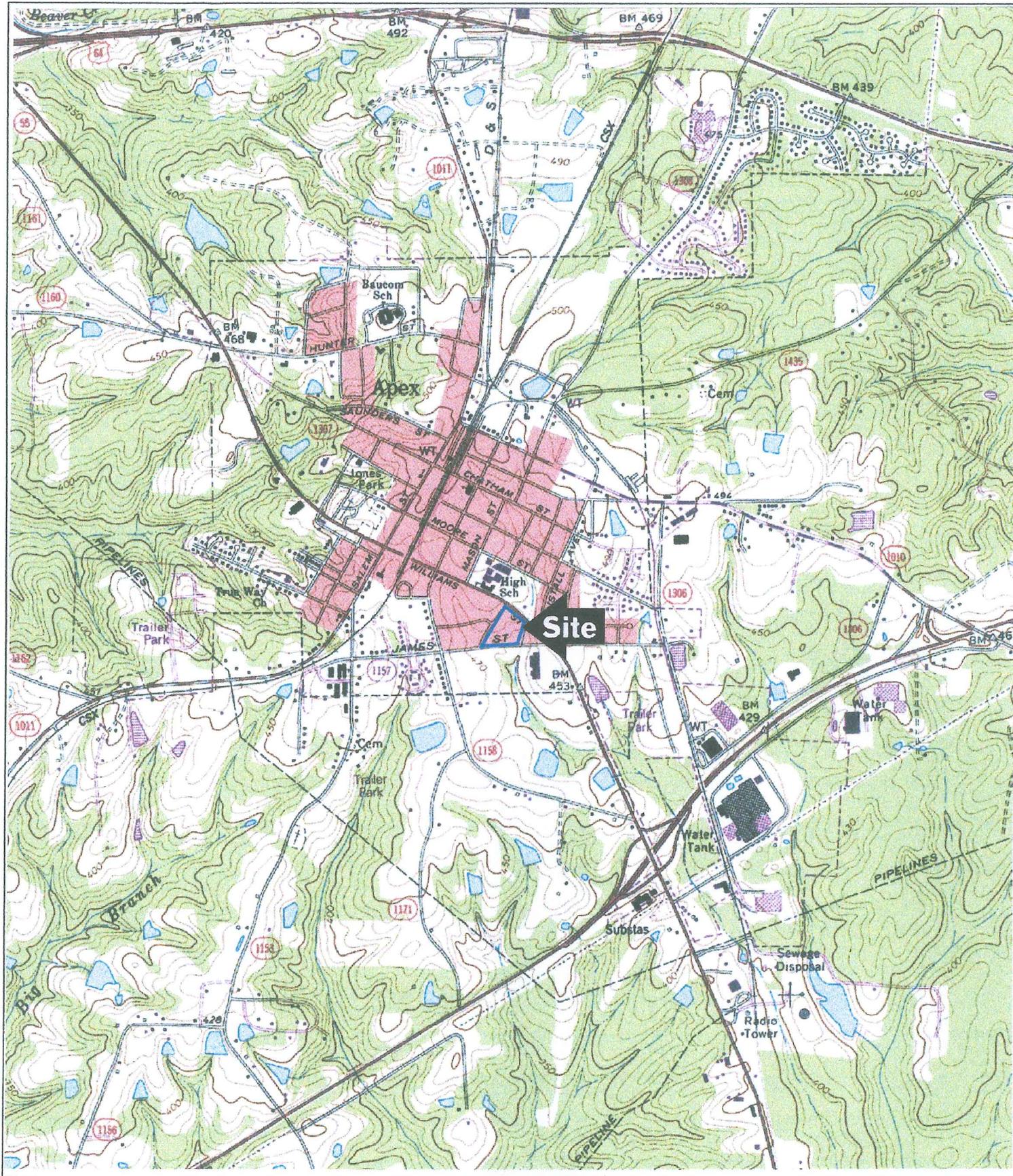
I, Cheri Kimbrell, a Notary Public for said County and State, do hereby certify that Dan Centofanti personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 26 day of March, 2013.



Cheri Kimbrell  
Notary Public

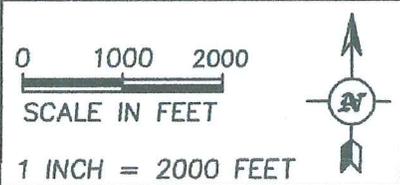
My commission expires January 24, 2014.



**MCES**  
**MILL CREEK**  
**ENVIRONMENTAL SERVICES**  
 1818 Perimeter Rd.  
 Dawsonville, Georgia 30534  
 706-579-1607

**FIGURE 1: SITE LOCATION MAP**

**Apex Village**  
**500-610 East Williams Street**  
**Apex, Wake County, North Carolina**



SOURCE: Maptech Terrain Navigator 1:24,000 scale topographic map, 1997



ENVIRONMENTAL SERVICES

**Daniel Centofanti, P.G.**  
President

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**MCES Is A Full Service  
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- Phase I and II Environmental Site Assessments
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- Soil Testing for Septic Systems
- Groundwater Monitoring and Remediation
- Erosion Control Plans
- Soil and Water Testing
- Wetland and Stream Delineation
- Environmental Planning & Permitting

**LICENSES & CERTIFICATIONS:**

Licensed Prof. Geologist in GA, AL, TN, NC, SC, MS  
Certified Soil Classifier for Septic Systems, 2001  
GSWCC Level II Design Professional #54973  
Georgia Class 4 Water Operator #W4-002262  
OSHA HAZWOPER Hazardous Materials Technician  
ASTM E 1527-05 Environmental Professional  
GSWCC Level IA & IB Land Disturbing Activities  
NGWA Natural Attenuation for Remediation  
of Contaminated Sites  
NCSU Processes in Hydric Soils  
NGWA Computer Modeling of Natural Attenuation &  
Bioremediation Systems

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