Brandywine Industrial Park CCRs

SHERRILL ENVIRONMENTAL, INC.
Environmental and Geologic Services

August 9, 1998

Mr. Robert J. Waldrop
ReUse Technology, Inc.
100 Chastain Center Boulevard
Suite 155
Kennesaw, Georgia 30144

Subject: Groundwater Table Investigation
Property on Route 4
Rocky Mount, North Carolina

Dear Mr. Waldrop:

Sherrill Environmental, Inc. (SEI) performed a site investigation of the property along Route 4 in Rocky Mount, North Carolina on July 31, 1998. As part of the investigation, four trenches were excavated with a backhoe. The trenches were approximately 3 feet wide by 3.5 feet deep and 10 feet in length. The trenches were located in an area of the site where there may be a potential for a high water table. The approximate locations of the trenches are shown on the attached property map.

No groundwater accumulated in any of the four test trenches. At the time of the investigation, groundwater appeared to be at a depth greater than 3.5 feet. However, the investigation was performed during a typically dry season.

The following is a general description of the soils in test trenches P-1, P-2 and P-3.

0.0 to 0.8 ft	Top soil, medium brownish-gray, fine sandy loam 10YR5/1
0.8 to 1.4 ft	Gray sandy loam 10YR6/1
1.4 to 2.0 ft	Light brownish-gray sandy loam 10YR6/2 with some mottles 10YR6/4
2.0 to 3.5 ft	Light brownish-gray sandy loam and clayey loam 10YR6/2 with brownish yellow mottles 10YR6/6

The low chroma values of the matrix of the above-described soil (10YR6/1 to 10YR 6/2) suggest that the seasonal high water table may be less than 1 foot.

The following is a general description of the soil in test trench P-4.

0.0 to 0.6 ft	Top soil, brownish-gray loam 10YR4/1
0.6 to 1.5 ft	Light yellowish-brown sandy loam 10YR6/4
1.5 to 2.4 ft	Pale brown sandy loam 10YR6/3 with some faint mottles 10YR6/4
2.4 to 3.5 ft	Gray sandy loam 10YR6/1 with brownish yellow mottles 10YR7/6

The chroma values of the matrix of the above-described soil (10YR 6/4 to 10YR 6/3) suggest that the seasonal high water table may be at a depth of 2.4 feet.

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Russell B. Holderness
1601 St. Andrew Street
Post Office Box 249
Tarboro, North Carolina 27886

Phone (919) 823-7295
Fax (919) 823-2968

1" = 200'

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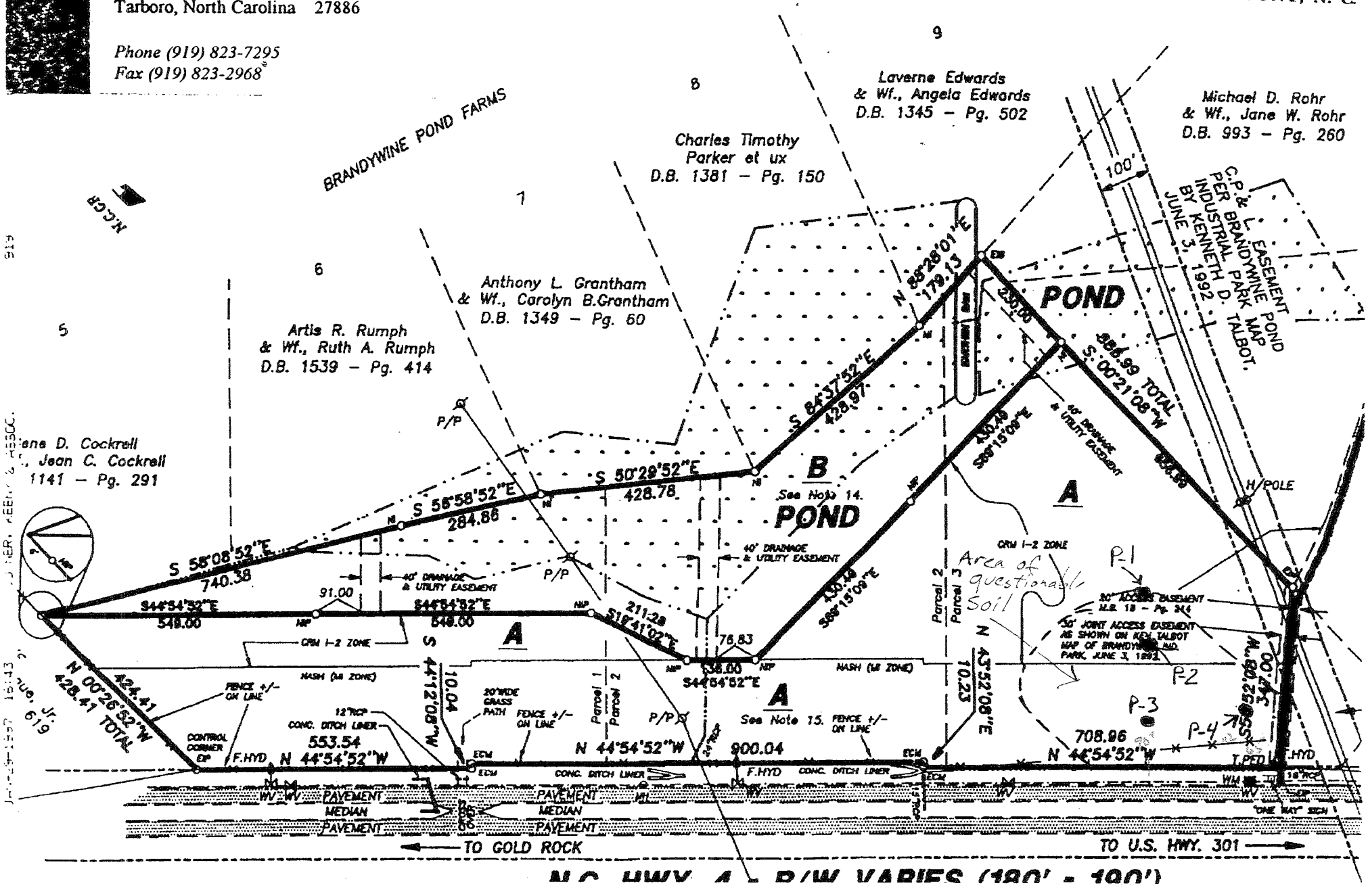
REUSE TECHNOLOGY
ROCKY MOUNT, N. C.



The Soil Conservation Service, Soil Survey of Nash County, North Carolina shows three soil types for the subject property. The Norfolk loamy sand comprises the largest portion of the site and lists a seasonal high water table of 4 to 6 feet. The Gritney sandy loam is downslope of the Norfolk and lists a seasonal high water table of greater than 6 feet. The Bibb loam comprises the bottomland of the site. The Bibb soil has very slow surface runoff. Permeability is moderate, and the available water capacity is high. A high water table is at or near the surface in all but the hottest months.

CONCLUSION AND RECOMMENDATION

The site has a large area of suitable soils mapped as Norfolk and Gritney. In the lowland area mapped as Bibb, there are potential wetlands and soils with high seasonal water tables.

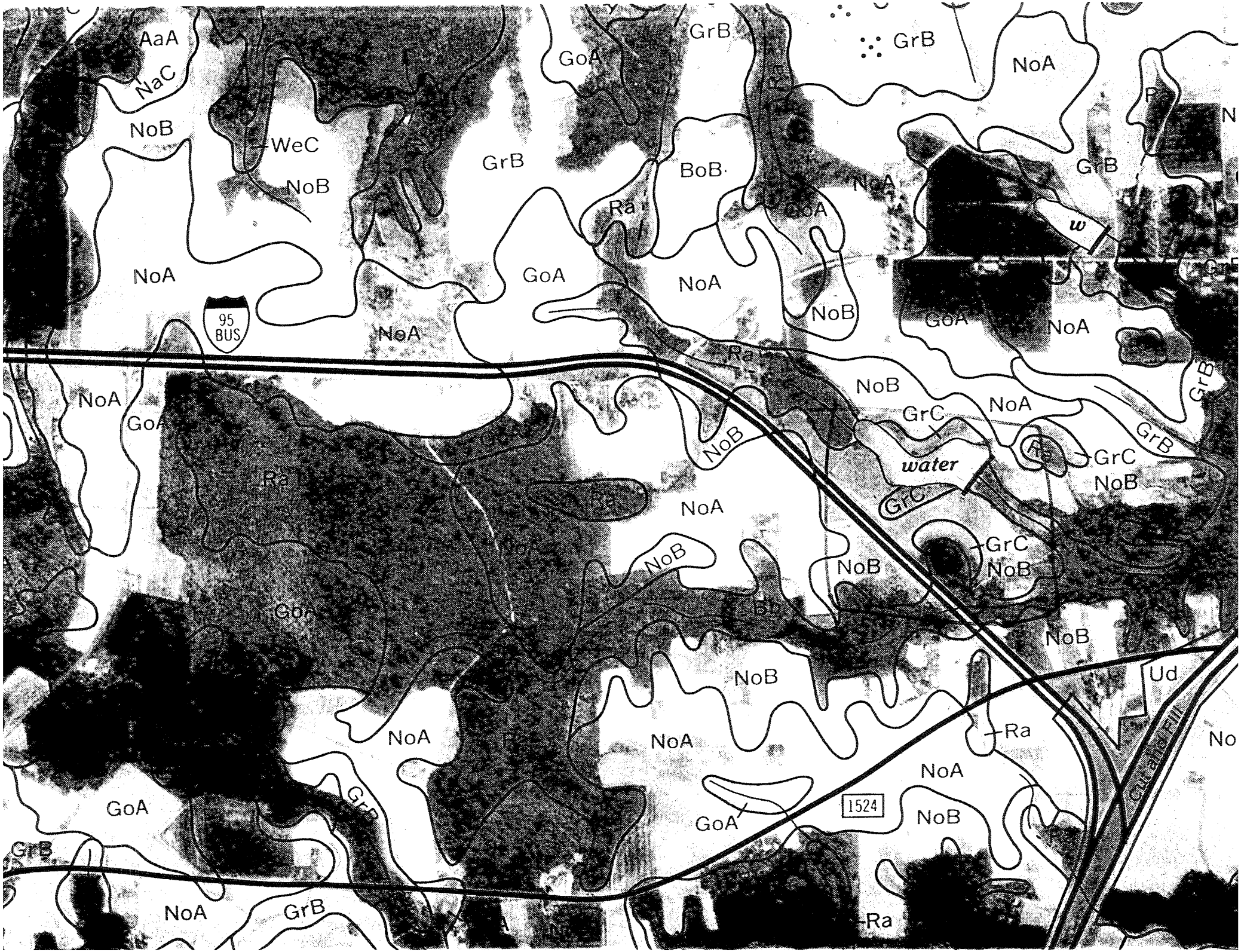
SEI recommends delineating the wetland area and identifying the boundary of the Bibb and Norfolk/Gritney soils. Upon establishing the lines, they should be recorded with GPS. The lines should then be used to produce a map to determine the feasibility of the site for development by ReUse. The map and lines may also be needed to obtain a permit from the Corps of Engineers. Upon your request, SEI will prepare a proposal for the above described work.

We appreciate the opportunity to provide you with consultation and environmental services and look forward to working with you in the future. Thank you for your consideration. If you have any additional questions, or need additional information, please contact us at (919) 420-7822.

Sincerely,

SHERRILL ENVIRONMENTAL, INC.

John (Jack) F. Sherrill, P.G.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