

Robbins, Susanne

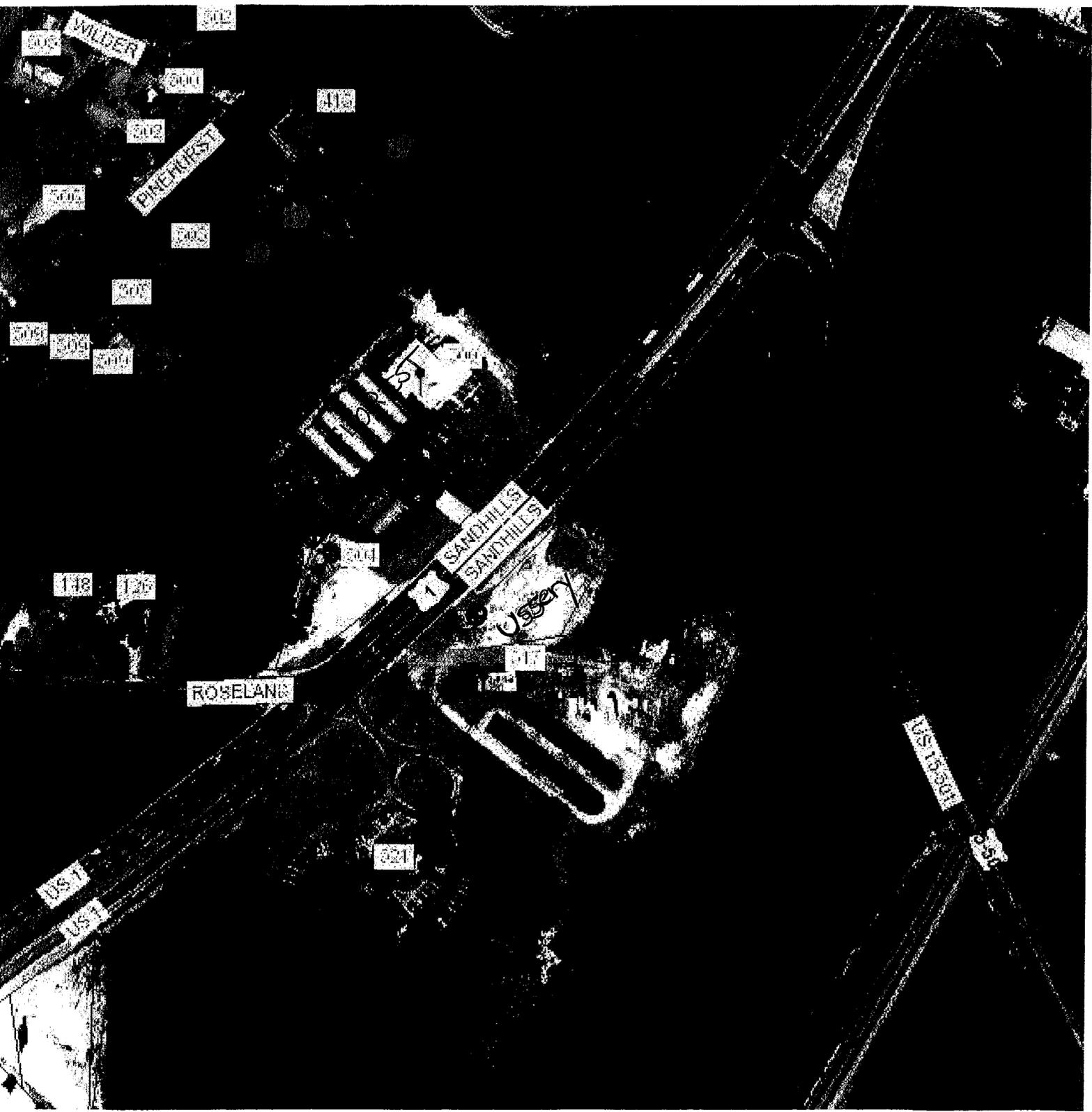
From: Robbins, Susanne
Sent: Tuesday, August 28, 2012 1:52 PM
To: Snavelly, Keith
Cc: Walch, John
Subject: Aberdeen Florist Sampling - Cost Proposal
Attachments: Aberdeen2.jpg; Aberdeen4.jpg; aberdeen.mmo1.pdf

Hi Keith,

I have completed my review of the files for Aberdeen Florist, US 1-15/501 Aberdeen, Aberdeen Dump, and Public Works Garage (UST) as well as conducted a site reconnaissance. I am recommending that we perform a groundwater investigation for the Aberdeen Florist Site. I suggest that 6 sampling locations be utilized as shown on the attached Aberdeen4 map. I was unable to determine if the former MWs from the UST investigation are still in place. The suggested locations are assuming that they are not present or damaged. If we discover that they are viable, we can revamp the sampling locations. I would suggest that all six locations be a nest pair with a shallow (15 - 20') and deep (50-75') wells. The map lists only 4 well pair locations and that was entered for referenced if budget restricts the number of wells (these four would be the preferred). I also recommend that the two WSWs (irrigation) also be sampled at the same time the MWs are sampled. My site visit and file review notes are attached as well as your 2010 memo. The focus of this investigation is to determine the source or source direction for the contamination in the Aberdeen Florist WSW. Possible sources include the B&S Auto Supply (former), Aberdeen Dump, and Martin's Grill (former UST and part's washer). A complete groundwater flow determination is needed at this site. Previous flow direction determinations were limited and somewhat indeterminate.

Sue Robbins, Hydrogeologist
IHSB, Superfund Section
NC Division of Waste Management
Wilmington Regional Office
(910) 796-7411

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+ existing WSW
⊕ proposed MW locations

Aberdeen File Review Summary
 Sue Robbins 8/28/12

B+S MW's	SERB's #'s	Depth	Screen	Material
mw-1		15'	5-15'	Sand/Clayey Sand
mw-2		15'	5-15'	"
mw-3	mw-012 (PCE 0.5 ug/L)	15'	5-15'	"
mw-4		15'	5-15'	trash present
mw-5	mw-011 (PCE 15.5 ug/L)	15'	5-15'	1/2-4' trash

mw-4 + mw-5 appear to be in/near former Aberdeen Dump

WSW - Aberdeen Florist	WSW - 415 S. Pinehurst
5/6/98	
PCE	
Carbon Tet.	
→ 22.3 ug/L	2.0 ug/L
	-trace chlorform, zinc t, mang.
5/8/12	
6.3 ug/L	0.99 ug/L

Site Visit Memo

Aberdeen Florist
NONCDOOO 2857
Moore Co.

August 8, 2012

IHSB Staff: Sue Robbins & Ginny Henderson (in place of Bruce Hefler)

Purpose of Visit:

to evaluate locations for soil & MW installations and to determine if the former MWs were still in place

Visit:

Met Janet Peele at the site and performed walk over. Mrs. Peele indicated a concern of the pH as she had been informed that it was not "good" by the folks that sampled her WSW. We had some pH strips & test the water, I was a normal 6-7. Mrs. Peele also indicated that she has another WSW (also used for irrigation) on her property ^(residence) behind the garden center. She indicated it was a shallow well. The well tag on the Florist WSW indicates an installation date of 1975, depth of 30 feet, static water level of 18 feet, and a yield of 15 gpm. There is a dirt road around the property and power lines were an issue for several of my original proposed locations.

- Property across the street included the Ussery Mini-Storage. Phone numbers on the sign were (910) 944-2211 and (910) 695-5807 which were different from the number where I had left several messages. There was a U-haul and Auto Repair Shop. No one was present. According to Mrs. Peele, everyone was attending a funeral. I was unable to access the mini-storage which is the property that had the MWs installed during the UST investigation.

- I looked over the Aberdeen Dump area via the back parking lot for the NCDOT Licencing + ~~Sheriff's~~ ^{Trooper's} Offices. The field was overgrown and somewhat swampy and I did not attempt to traverse it. Access to the former dump area could be accessed via the DOT property.

- Mrs. Peele once again mentioned an old dry cleaners located west / NW of the Florist. She pointed to where it use to be and indicated it's just a house now (was torn down). Ginny + I drove the area and only observed an older residential neighborhood. No indication of a former building was observed.

- I located possible boring locations on the map.

Former Dry Cleaner



Pointer 35°07'36.93" N 79°25'57.48" W

Data SIO, NOAA, U.S. Navy, NGA, GEBCO © 2012 Google

Streaming 100%

© 2012 Google Eye alt 186.11ft

8/8/12 Site Visit

Site Access Information

Aberdeen Florist - Janet Peele - 910-944-7826

Joe Ussery - Mini Storage & Former Aberdeen Dump
Property

Mini Storage #5 (910) 944-2211 + (910) 695-5807
Joe Ussery (910) 692-3446

B+S Auto Supply - (910) 944-2776
515 S. Sandhills Blvd.

Aberdeen Driver's License Office

521 S. Sandhills

(910) 944-7555

Highway Patrol (same building)

(910) 944-3629

Robbins, Susanne

From: Robbins, Susanne
Sent: Thursday, April 05, 2012 12:41 PM
To: Antrilli, Vincent
Subject: Aberdeen Florist
Attachments: AberdeenFlorist.pdf

Hi Vince,
Here's the site information concerning the water supply well you indicated you could help us out with. Thanks.

Aberdeen Florist & Garden Center
500 S. Sandhills Blvd.
Aberdeen, Moore County, NC
NONCD0002857

Janet Peele, owner/operator, 910-944-7826

Janet can be reached at the number above and is very helpful. I have spoken with her concerning performing some additional sampling and she has stated she will allow any sampling that needs to be performed.

I have attached Keith's 4/13/2010 memo that gives a nice summary of the site. The WSW is still used for watering the plants in the greenhouse. The source of PCE detected in 2001 at a concentration of 22.3 ug/L is unknown.

Let me know if you need any additional information.
Sue

Sue Robbins, Hydrogeologist
IHSB, Superfund Section
NC Division of Waste Management
Wilmington Regional Office
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