

April 5, 2017

Herbie Hub, LLC c/o Intracoastal Realty Attn.: Mr. Jeff Hovis 1900 Eastwood Road Wilmington, North Carolina 28403

Re.: Limited Phase II Environmental Site Assessment Findings

4th Street Tracts

Wilmington, New Hanover County, North Carolina

Mr. Hovis,

The following documents are attached for your reference:

Figure 1 Site Map With Monitoring Well And Soil Boring/Sampling Locations

Boring Logs, As-Built Well Details, and NC Well Construction Record Laboratory Report

Completion of the Phase I ESA found one Area Of Concern. The site formerly operated as a theater. Review of historical records found a furnace room on the western end of the former theater building. The fuel source for firing the furnace is unknown. Due to the unknown fuel type, it was recommended that limited soil and groundwater exploration be conducted to determine if a heating oil UST or AST was utilized (refer to Figure 1). Work was conducted as follows:

- 1. Areas immediately adjacent to the former furnace room were screened for magnetic metals utilizing a Schonstedt magnetometer. Metallic debris was found, but no large, magnetic anomaly was identified. No evidence of a buried, steel fuel tank was found.
- 2. A series of 12 exploratory soil borings were drilled adjacent to the former furnace room. Soil samples were collected down to approximately 10 feet deep and checked for the presence of petroleum vapors. No evidence of petroleum vapors was found. Samples were collected from 12 14 feet deep from two of the borings, S-1 and S-2. These samples were prepared for laboratory analysis for TPH Diesel Range Organics (DRO) and Gasoline Range Organics (GRO). Sample S-1 revealed 22.3 ppm of DRO, within the State's 100 ppm action limit. No evidence of any other impact to the soil was found.

3. One monitoring well was installed adjacent to the former furnace room. Soil samples from the monitoring well's boring were also screened for the presence of petroleum vapors. No evidence of petroleum vapors was identified. A groundwater sample was collected and analyzed for petroleum constituents. No evidence of a groundwater impact was found.

Copies of the laboratory report, boring logs, and NC Well Construction Record are attached.

In summary, a limited magnetic survey and soil and groundwater investigations were conducted near and adjacent to the former furnace room identified in the Phase I ESA. No evidence of non-compliant soil impacts, or any evidence of groundwater impacts were found. No further investigation is recommended.

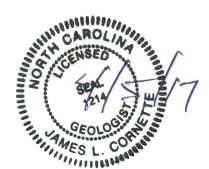
If you have any questions, please do not hesitate to call.

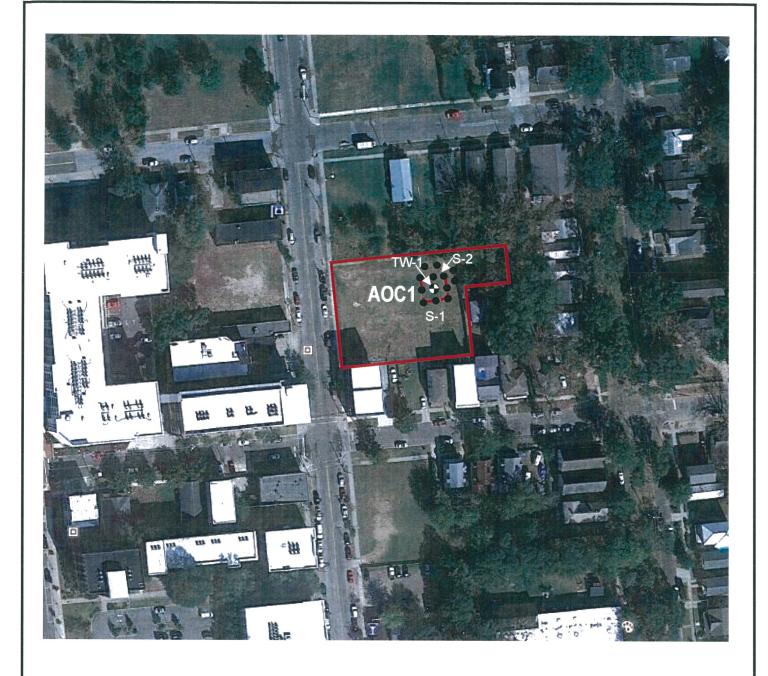
Sincerely,

James L. Cornette, P.G.

Project Manager

encs.





LEGEND

Approximate Property Boundary



AOC1 = Historical Furnace Room (Unknown Fuel Supply)

- Soil Boring/Sampling Location
- Temporary Monitoring Well Location

Adapted from New Hanover County GIS and Google Earth Image 10/26/2016, accessed 3/1/17.



TITLE:		
Site M	ap With Moni	toring Well And
		ling Locations
3011	Bonny/Samp	ing Locations

JOB:

17049

SCALE: 1" = 120' DATE: 4/3/17

DRAWN BY:

EFC/JLZ

FIGURE:

Z

BORING LOG

HERBIE HUB, LLC PROPERTY 812 4TH STREET N **WILMINGTON, NORTH CAROLINA 28401**

TW-1

Drilled by: Applied Resource Management Logged by: J. Zuncich Date: 3/22/17

Depth (ft.)	Description					
2 - 4	Medium to dark gray, very fine to fine sand with debris, concrete, and brick. No hydrocarbon odor.					
5 - 7	Tan brown very fine to fine sands. No hydrocarbon odor.	Low				
10 - 12	Medium brown, fine to medium grained sand. No hydrocarbon odor.	Low				
15 - 17	Light brown, gray fine to medium grained sand, No hydrocarbon odor.	Medium				
20 - 22	Light brown, gray fine to medium grained sand, No hydrocarbon odor.	Medium				

BORING LOG

HERBIE HUB, LLC PROPERTY 812 4TH STREET N WILMINGTON, NORTH CAROLINA 28401

S-1

Drilled by: Applied Resource Management Logged by: J. Zuncich Date: 3/22/17

Depth (ft.)	Description				
2 - 4	Medium to dark gray, very fine to fine sand with debris, concrete, and brick. No hydrocarbon odor.	Low			
5 - 8	Tan brown very fine to fine sands changing to orange clayey sand from 7' to 8'. No hydrocarbon odor.	Low			
10 - 12	Medium brown, fine to medium grained sand. No hydrocarbon odor.	Low			

BORING LOG

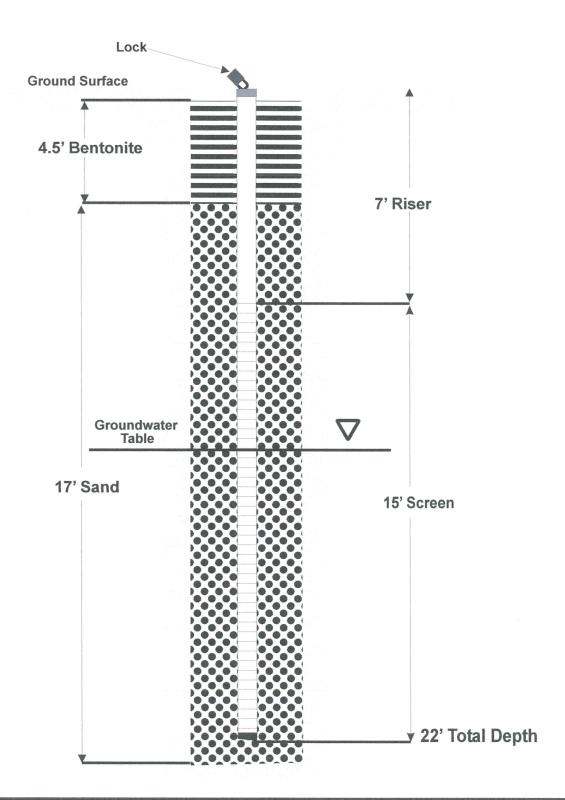
HERBIE HUB, LLC PROPERTY 812 4TH STREET N **WILMINGTON, NORTH CAROLINA 28401**

S-2

Drilled by: Applied Resource Management Logged by: J. Zuncich Date: 3/22/17

Depth (ft.)	Description	Water Content	
2 - 4	Medium to dark gray sand with debris, brick and concrete. No hydrocarbon odor.	Low	
5 - 7	White to beige fine sand. No hydrocarbon odor.	Low	
10 - 12	Orange, fine to medium grained sand. No hydrocarbon odor.	Low	
12 - 14	Brown/gray fine to medium grained sand. No hydrocarbon odor.	High	

TW-1





TITLE: Type II Monitoring Well As-Built

JOB: 17049

SCALE: Not to scale 4/5/17

DATE:

DRAWN BY: **KLC**

WELL ID:

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oil/re	ock type,	grain size, etc.)	
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WELL CONSTRUCTION I	RECORD (GW-1)
1. Well Contractor Information:	
Donald Cummings	
Well Contractor Name	
2412-A	
NC Well Contractor Certification Number	
Applied Resource M	anagement, P.C.
Company Name	
2. Well Construction Permit #:	
3. Well Use (check well use):	
Water Supply Well:	
Agricultural	Municipal/Public
Geothermal (Heating/Cooling Supply)	Residential Water Supply (single)
Industrial/Commercial	Residential Water Supply (shared)
Irrigation Non-Water Supply Well:	
Monitoring	Recovery
Injection Well:	Found
Aquifer Recharge	Groundwater Remediation
Aquifer Storage and Recovery	Salinity Barrier
Aquifer Test	Stormwater Drainage
Experimental Technology	Subsidence Control
Geothermal (Closed Loop)	Tracer
Geothermal (Heating/Cooling Return)	Other (explain under #21 Remarks)
4. Date Well(s) Completed: 3/22/17	7Well ID#_TW-1
5a. Well Location:	
Libraria de la Libraria de Libraria	NI/A
Herbie Hub, LLC	N/A
Herbie Hub, LLC Facility/Owner Name 812 4th Street N, Will	Facility ID# (if applicable)
Facility/Owner Name 812 4th Street N, Will Physical Address, City, and Zip	Facility ID# (if applicable) mington, NC 28401
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Facility/Owner Name 812 4th Street N, Will Physical Address, City, and Zip New Hanover County 5b. Latitude and longitude in degrees/r	Facility ID# (if applicable) mington, NC 28401 R04813-002-009-000 Parcel Identification No. (PIN)
Facility/Owner Name 812 4th Street N, Will Physical Address, City, and Zip New Hanover County 5b. Latitude and longitude in degrees/r (if well field, one lat/long is sufficient)	Facility ID# (if applicable) mington, NC 28401 R04813-002-009-000 Parcel Identification No. (PIN) minutes/seconds or decimal degrees: 7 56 42 84
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Facility/Owner Name 812 4th Street N, Will Physical Address, City, and Zip New Hanover County 5b. Latitude and longitude in degrees/r (if well field, one lat/long is sufficient) 34 14 42.31 6. Is(are) the well(s): Permanent 7. Is this a repair to an existing well: If this is a repair, fill out known well construct.	Facility ID# (if applicable) mington, NC 28401 R04813-002-009-000 Parcel Identification No. (PIN) minutes/seconds or decimal degrees: 7 56 42.84 W Temporary Yes or No. ion information and explain the nature of the ck of this form. Geothermal Wells having the same
Physical Address, City, and Zip New Hanover County 5b. Latitude and longitude in degrees/r (if well field, one lat/long is sufficient) 34 14 42.31 7 6. Is(are) the well(s). Permanent 7. Is this a repair to an existing well: If this is a repair, fill out known well construct repair under #21 remarks section or on the back 8. For Geoprobe/DPT or Closed-Loop construction, only 1 GW-1 is needed. Indrilled: 1 9. Total well depth below land surface: For multiple wells list all depths if different (ex	Facility ID# (if applicable) mington, NC 28401 R04813-002-009-000 Parcel Identification No. (PIN) minutes/seconds or decimal degrees: 7 56 42.84 W Temporary Yes or No ion information and explain the nature of the ck of this form. Geothermal Wells having the same dicate TOTAL NUMBER of wells 22 cample-3@200' and 2@100')
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Facility/Owner Name 812 4th Street N, Will Physical Address, City, and Zip New Hanover County 5b. Latitude and longitude in degrees/r (if well field, one lat/long is sufficient) 34 14 42.31 7 6. Is(are) the well(s): Permanent 7. Is this a repair to an existing well: If this is a repair, fill out known well construct repair under #21 remarks section or on the back 8. For Geoprobe/DPT or Closed-Loop construction, only 1 GW-1 is needed. In drilled: 1 9. Total well depth below land surface: For multiple wells list all depths if different (exity) 10. Static water level below top of casin If water level is above casing, use "+"	Facility ID# (if applicable) mington, NC 28401 R04813-002-009-000 Parcel Identification No. (PIN) minutes/seconds or decimal degrees: 7 56 42.84 W Temporary Yes or No ion information and explain the nature of the ck of this form. Geothermal Wells having the same dicate TOTAL NUMBER of wells 22 (ft.) cample-3@200' and 2@100') ng: 15.03 (ft.)
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Signature of Certified Well Contractor

By signing this form, I hereby certify that the well(s) was (we with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Com copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide addition construction details. You may also attach additional page

SUBMITTAL INSTRUCTIONS

For Internal Use Only:

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

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

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

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

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