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cc: Morris
Bldg.
Health

Brockerhoff Environmental Services LLC

Environmental Consulting and Remediation

on file in
Clerk's Office.

April 25, 2014

New Jersey Department of Environmental Protection
Bureau of Case Assignment & Initial Notice
Site Remediation Program
401-05H
P.O. Box 420
Trenton, New Jersey 08625-0420



**RE: Updated Receptor Evaluation Submittal
Former BMT Gas Co.
341 Route 46 (Block 7704, Lot 44)
Mount Olive, Morris County, New Jersey
NJDEP PI #001460, Case #96-05-20-1032-41 and 01-04-20-1935-15**

Greetings:

In accordance with N.J.A.C. 7:26E-1.12-1.16, Brockerhoff Environmental Services LLC (BES) is providing an Updated Receptor Evaluation (RE) for the above referenced Site. Enclosed, please find:

- Signed RE Form; and
- A CD containing copies of the RE form and this letter providing additional requested information.

Throughout the RE form, a response is requested for several of the questions; the following are the responses to those questions.

Question B1: Land Use within 200 Feet of Site Boundary

Block	Lot	Address	Owner	Use	Sensitive Receptor
2700	4	300 Route 46	Mt. Olive Township	Public	
	4.01	300-301 Route 46 (Budd Lake)	State of NJ - DEP	Public	X
	76	290 Route 46 (Budd Lake)	Mt. Olive Township	Public	X
7704	33	11 Wildwood Ave.	Mr. & Mrs. Tamulionis	Residential	X
	34	9 Wildwood Ave.	Mr. & Mrs. Matteis	Residential	X
	35	<i>Parcel no longer exists per Township Tax Assessor*</i>			
	36	7 Wildwood Ave.	Mr. & Mrs. Rounds	Residential	X
	37	5 Wildwood Ave.	Mr. & Mrs. Priest	Vacant Land	

Block	Lot	Address	Owner	Use	Sensitive Receptor
7704	40	4 Johnson Ave	Ms. Szell	Residential	X
	41	337 Route 46	Mt. Olive Township	Public	
	42	4 Fairfield Way	Szarek Living Trust	Residential	X
	43	339 Route 46	Amil Enterprises LLC	Commercial	
	45	343 Route 46	Milelli Real Estate LLC	Vacant Land	

Notes:

All properties located in Mount Olive Township, Morris County, NJ
 *According to conversation with Tax Assessor on 9/4/12

- The map depicting the location of the properties within 200-feet of the Site is attached as Figure 1. No land use changes have been identified since the preparation of the initial receptor evaluation, dated October 22, 2012.

Question B3: Provide a Map Depicting any Proposed Land Use Changes

BES contacted the Township of Mount Olive Municipal Clerk and Planning Board to determine if any known land use changes are proposed within 200-feet of the subject property. No response has been received as of the time of this submittal.

No known land use changes are currently known or proposed at this time; therefore, a map has not been prepared.

Question C3: Provide a Brief Summary of Currently Available Information

Updated Site information, including soil and groundwater analytical data discussions, are provided in the attached Remedial Investigation Report (RIR).

Question D4: Has a Well Search been Completed?

BES conducted a well search on October 22, 2012 during the preparation of the initial receptor evaluation, also dated October 22, 2012. The initial results included wells that were permitted or installed through September 28, 2012. The updated well search was conducted on March 25, 2014 and included potentially potable wells permitted or installed from September 28, 2012 to present.

Results of the updated well search identified the following:

- 3 Domestic/domestic replacement well records;
- 1 Domestic decommissioning record;
- 1 Public Non-community record;
- 1 Agricultural/Horticultural/Irrigation record; and
- 2 Domestic replacement permits.

The wells identified are located between 2,818 and 7,930 feet from the site. Based on these distances, no wells were identified within 250-upgradient or 500-foot sidegradient and 500-foot downgradient from the known extent of the groundwater contamination. Therefore, no further action was required. As previously stated in the initial Receptor Evaluation, and summarized in the attached RIR, potable well sampling at nearby properties was conducted in 2002, 2004 and 2006 and no impacts were identified above the NJDEP's Ground Water Quality Criteria or Drinking Water Standards.

The updated well search results are provided on the attached NJDEP well search spreadsheet, which was also provided to NJDEP via email at srpgis_wrs@dep.state.nj.us. Figure 2 depicts all wells identified from the initial and updated well searches with specific 500-foot, ½ mile and 1 mile radii. Table 1 includes well search results for all wells.

Question E6: The Vapor Intrusion Pathway is a Concern at or Adjacent to the Site?

According to the most recent groundwater sampling event conducted on September 5, 2013, no compounds were identified above NJDEP's Vapor Intrusion Ground Water Screening Levels (VI GWSLs). As such, the vapor intrusion pathway at the site is not a concern at this time.

Question F1: Has an Ecological Evaluation been Conducted?

An ecological receptor evaluation has been conducted pursuant to N.J.A.C. 7:26E-1.16 to determine if any environmentally sensitive natural resources (ESNRs) are present on or are adjacent to the Site or area of concern; or may be, have been, or are impacted by contamination from the Site or areas of concern; and to determine if any contaminant concentration is present at the Site or area of concern that exceeds an Ecological Screening Criterion (ESC) or an Aquatic Surface Water Quality Standard (ASWQS).

The attached Figure 3 has been prepared to illustrate that one (1) ESNR, Budd Lake, is present within approximately 80-feet of the property. Due to the proximity and down-gradient location of the lake, BES conducted surface water and sediment sampling in June and September 2013 for the site gasoline related compounds of potential ecological concern (COPECs). Results of the sampling indicated no surface water impacts above applicable ESC. Lead impacts in sediment were identified; however, the data did not indicate a direct correlation to the former site discharge. Slightly elevated lead concentrations detected in several sediment samples were attributed to runoff from the adjoining highway, Route 46. Further detail is proved in the attached RIR.

Updated Receptor Evaluation
NJDEP PI #001460, Case #96-05-20-1032-41 and 01-04-20-1935-15
April 25, 2014

If you have any questions, feel free to contact Amy Lopez or myself at your convenience.

Sincerely,
Brockerhoff Environmental Services, LLC



Dane Hopkins
Environmental Scientist



Amy Lopez
Project Manager

Enclosures:

Figure 1- Land Use Within 200' of Property Boundary
Figure 2- Well Search Map
Figure 3- ESNR Absence Map
Table 1- Well Search Results
Receptor Evaluation Form

Cc: Dr. Sandu, Gobind, Inc. (Hard and electronic copy)
Ms. Lisa Lashway, Mount Olive Municipal Clerk (Hard copy only)
Mr. Frank Wilpert, Sr., Morris County Health Officer (Hard copy only)