

September 17, 2007

Mr. Daniel Lightsey  
NYSDEC  
Division of Hazardous Waste Remediation  
1150 N. Westcott Road  
Schenectady, New York 12306-2014

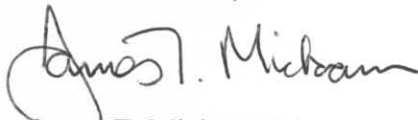
Re: Amphenol Corporation  
Route 8 Landfill Site #413009  
Sidney, New York  
Soil Vapor Sampling Work Plan

Dear Dan:

As per the Department's earlier request, the attachments to this letter offer a work plan to characterize the soil vapor at the referenced site. The work plan has been prepared based on our earlier discussions and with consideration of NYSDEC and NYSDOH technical guidance. We plan on beginning the field portion of the program the week of October 8, 2007.

Should you have any questions, do not hesitate to contact us.

Very truly yours,  
JTM Associates, LLC



James T. Mickam, PG  
President

Attachments

Cc: C. Doroski – NYSDOH  
J. Bianchi – Amphenol  
S. Waldo – Amphenol  
R. Galloway – Honeywell

**SOIL VAPOR SAMPLING WORK PLAN  
ROUTE 8 LANDFILL SITE  
SIDNEY, NEW YORK**

***Introduction***

The Route 8 Landfill Site is located in the village of Sidney, Delaware County, New York, southwest of the intersection of New York State Route 8 and Delaware Avenue (Figure 1). The landfill was used during the 1960s by Bendix Corporation (now Amphenol) for disposal and burning of liquid wastes from its manufacturing facility. Some of the waste materials contained polychlorinated biphenyls (PCBs) and Trichloroethene (TCE).

As directed by a NYSDEC issued Record of Decision, the site was remediated in 1997 by constructing and operating a ground water recovery and treatment. Environmental monitoring at the site takes place quarterly. NYSDEC has requested that soil vapor samples be collected proximate to the site to assess if volatile organic chemicals VOCs may be leaving the site via the soil vapor pathway. This work plan describes the proposed approach to characterizing the soil vapor near the site.

Soil vapor chemistry characterization

The soil vapor around the perimeter of the site will be sampled and analyzed. This will be accomplished by installing a Geoprobe Systems™ Model # AT8617S soil gas sampling implant attached to 3/16" Teflon tubing in a manner consistent with section 2.7.1 of the New York State Department of Health guidance (Final NYSDOH CEH BEEI Soil Vapor Guidance; October 2006). The borehole for the implant will be advanced using direct push or auger drilling methods. Following implant installation, the borehole annular space will be backfilled with glass beads to allow a 1 to 2 foot sampling zone. The borehole will then be filled with a hydrated

bentonite to the surface. A protective casing at the surface will complete the installation.

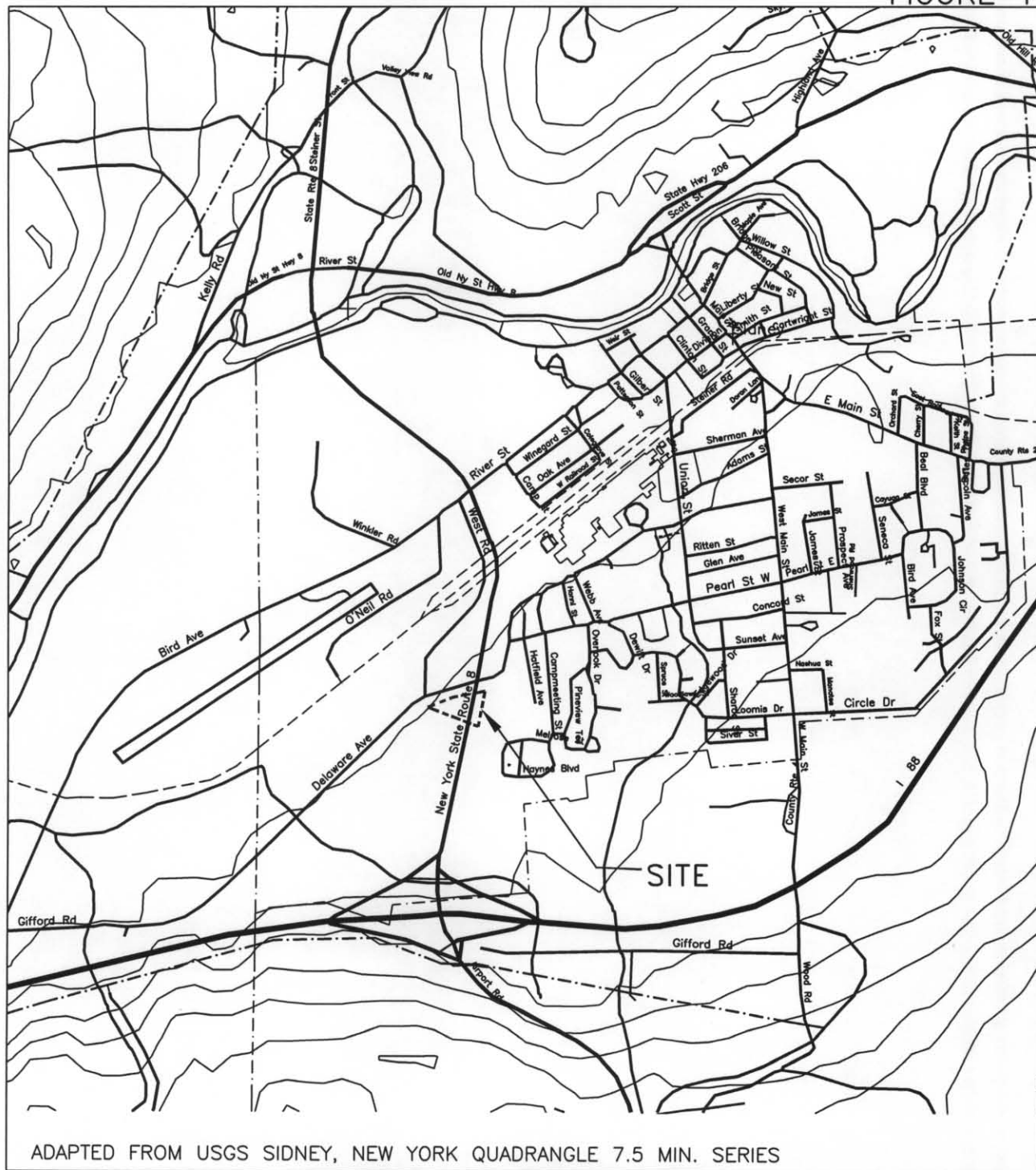
A total of twelve (12) samples will be installed at the locations illustrated on Figure 2. The probes will be positioned approximately 8 feet below the ground surface or a minimum of 2 feet above the water table whichever is deeper.

Following a minimum 24-hour equilibration period and purging of the sample tubing, soil vapor samples will be collected using a 1-liter vacuum canister regulated to sample continuously for a period of one hour. Purging and sample collection flow rates will not exceed 0.2 liters per minute. During purging and sample collection, a helium tracer gas will be used to verify that an unacceptable rate of atmospheric short circuiting is not occurring. Samples will be analyzed for those parameters included in USEPA Method T0-15 to a detection limit concentration of 1 microgram per cubic meter. We propose to engage Centex Laboratories (NYSDOH certified laboratory ID# 11830) to complete the sample collections and analyses.

#### ***Data reporting and presentation***

Upon receipt of all validated analytical data, tabular summaries will be prepared to present the results of the soil vapor sampling. Various illustrations will also be prepared to illustrate the horizontal distribution of compounds of interest. A narrative report will be developed to document data collection and summarize study results.

FIGURE 1



AMPHENOL CORPORATION  
SIDNEY, NEW YORK

ROUTE 8 LANDFILL

SITE LOCATION MAP

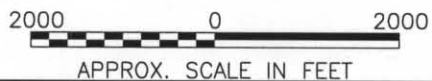






FIGURE 2

AMPHENOL CORPORATION  
SIDNEY, NEW YORK

Route 8

TCE in  
Ground Water (ppb)

March 2006



LEGEND

Monitoring Well Strata

■ Bedrock

● Overburden

▲ Proposed Soil Vapor Probe

TCE

160 ppb

Concentration

NS

Not Sampled

