

## Appendix C

### Health And Safety Plan

This Health and Safety Plan was developed for use by all personnel involved in the site characterization of the former Grant Hardware Facility in Blauvelt, NY. This plan provides general guidance that will be employed by Geovation employees and subcontractors who will be involved with soil excavation, sampling and disposal, installation of groundwater monitoring wells, and SVE system installation activities. The results of historical soil and groundwater sampling at this property are discussed in the March 2010 ROD, and July 2009 FS Report. In summary, the site soil and groundwater have been impacted by elevated concentrations of PCE, TCE and the their degradation products as well as lesser amounts of petroleum hydrocarbons. A record of decision has been completed for this property and site remediation activities are being conducted.

Remediation activities required in the ROD to be conducted in accordance with this HASP, include; (I) the excavation of limited amount of source area soil and (ii) subsequent installation of the first phase of a soil vapor extraction system in this same area, as well as (iii) installation and sampling of additional groundwater monitoring wells in an area considered for the expansion of the proposed biobarrier.

#### **General Health and Safety Guidelines**

The Geovation on-site project manager will be responsible for the implementation of this HASP. The work to be conducted includes soil excavation, soil sampling, installation of groundwater monitor wells, installation of soil vapor extraction wells and construction of a SVE system. All potential work areas are outdoors and currently occupied with no signs or reported observations of environmental impairment. Based on this information, the recommended level of personal protective equipment (PPE), is Level D, which includes:

Standard work attire including:  
Steel-toed shoes/boots,  
Safety glasses,  
Hardhats, and  
Optional latex gloves.

All appropriate PPE shall be donned, used and removed as described in the 40-hour training course. All work will be conducted in accordance with standard health and safety procedures for hazardous site work. All personnel will have 40-hour HAZWOPER training certification as required by 29 CFR 1910.120, and maintain this training by taking the annual 8-hour refresher course. Medical monitoring will be maintained by all personnel as required.



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Exposure monitoring will be conducted as described in the Community Air Monitoring Plan (CAMP). In addition, work zone monitoring will be conducted by Geovation personnel at regular intervals using a photo-ionization detector (PID). Observed values will be recorded and maintained as part of the field record. Monitoring action levels within and outside of the work zone will be followed as described in the CAMP. In the event that sustained elevated vapor emissions cause a work stoppage, the local police department as well as the contacts on the emergency contacts list (below) will be contacted and advised of the situation. In addition, frequent air monitoring will be continued at 30 minute intervals. In the event that two sustained successive readings below the action levels are measured, air monitoring may be halted, or modified by the site safety manager.

### **General Emergency Telephone Numbers**

West Nyack Police Department	(845) 358-0206
Emergency Services	911
Hospital	845 348-2000
Poison Control Center	(212) 764-7667
Electric – Orange & Rockland	1-877-434-4100
Gas – Orange & Rockland	1-800-533-5325
Water – United Water	(845) 623-1500

### **The following people are to be notified in an emergency situation:**

Gussack Realty – Richard Azevedo – Facility Manager -	(845) 358-6000
NYSDEC Region 3 - Michelle Tipple	(866) 256-3146
NYSDOH – Fay Navratil	(518) 402-7880
Rockland County Health Department – General Number -	(845) 364-2512
Geovation Engineering, PC – Robert Zimmer – Project Manager	(845) 651-4141



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## **Medical Assistance**

The primary source of medical assistance during the site characterization is the following:

**Nyack Hospital**  
**160 North Midland Avenue Nyack, NY 10960-1998**  
**845-348-2000**

The hospital is located approximately 2.5 miles to the east of the site. All personnel should be familiar with the location of the hospital and know how to get there from the site. Directions to the hospital are given below:

Head north on High St. towards **NY-59 E.**  
Make right hand turn onto **NY-59 E.**  
Continue straight onto **NY-59 E.**  
Continue onto **Main Street.**  
Turn left onto **N Midland Ave.**  
Hospital is approximately 0.3 miles on the Left

A street map with written directions is included on the following page.

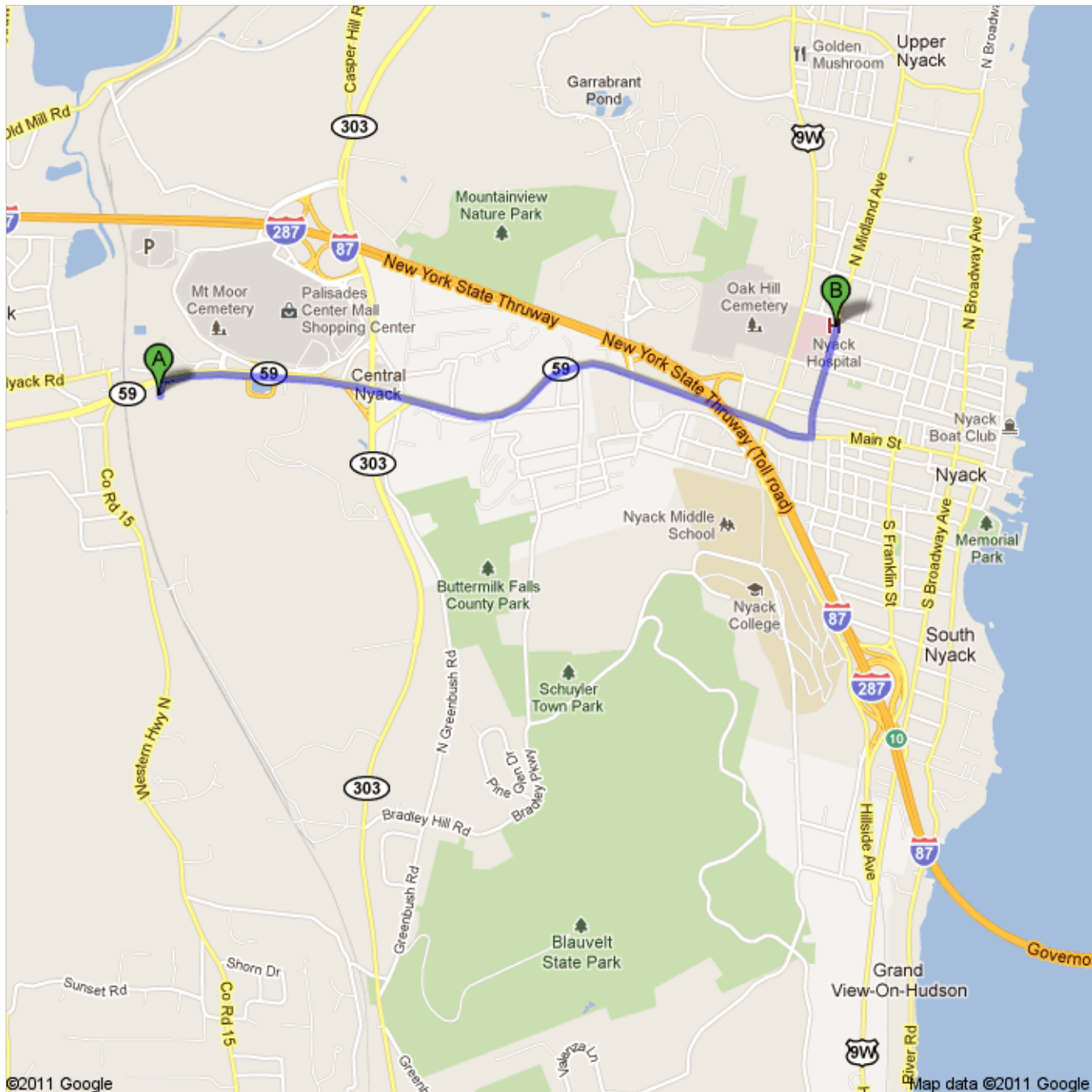



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Directions to 160 N Midland Ave, Nyack, NY 10960  
2.3 mi – about 6 mins

**Save trees. Go green!**  
Download Google Maps on your phone at [google.com/gmm](http://google.com/gmm)





 44 High St, West Nyack, NY 10994

1. Head **north** on **High St** toward **NY-59 E** go 226 ft  
total 226 ft

 2. Take the 1st right onto **NY-59 E** go 1.8 mi  
About 4 mins total 1.9 mi

3. Continue onto **Main St** go 0.1 mi  
About 1 min total 2.0 mi

 4. Turn left onto **N Midland Ave** go 0.3 mi  
Destination will be on the left total 2.3 mi  
About 1 min

 160 N Midland Ave, Nyack, NY 10960

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2011 Google

Directions weren't right? Please find your route on [maps.google.com](http://maps.google.com) and click "Report a problem" at the bottom left.