

Health and Safety Plan

Client Name: New York City Department of
Environmental Protection

Project Name: Post Closure Management
Services for the Pelham Bay Landfill;
Contract No. 1139-PM

Date: April 6, 2006

ARCADIS

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**Health and Safety
Plan**

Post Closure
Management Services
for the Pelham Bay
Landfill

Prepared for:
New York City Department of
Environmental Protection

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1. Introduction

All work on this project will be carried out in compliance with ARCADIS’ Health and Safety Manual and the Occupational Safety and Health Administration’s Hazardous Waste Operations and Emergency Response regulation 29 CFR 1910.120. Specific safety information for the project is contained in this Health and Safety Plan (HASP). All personnel working on hazardous operations or in the area of hazardous operations shall read and be familiar with this HASP before doing any work. All project personnel shall sign the certification page acknowledging that they have read and understand this HASP.

Changes in the scope of the project or introduction of new hazards to the project shall require revision of the HASP by the HASP writer and reviewer, and approval by the Project Manager. The HASP Addendum Form is included as Appendix A. Addendums are to be added to every copy of the HASP, and logged in the following table to verify that all copies of the HASP are current:

Addendum Number	Date of Addendum	Reason for Addendum	Person Completing Addendum
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

2. Project Description

2.1 Site Background

The Pelham Bay Landfill (Site) is located in the Bronx, a borough of New York City. The Site covers approximately 87 acres and is bordered by the Hutchinson River to the north and east, the Eastchester Bay to the east and south, Pelham Bay Park to the southwest, and the Bruckner Boulevard Extension to the northwest. The Co-op City housing complex is located approximately ½-mile northwest of the Site.

Between November 18, 1963 and December 31, 1993, the Site was operated as a landfill, receiving mainly residential waste, rubbish, street dirt, and construction and demolition waste from the Bronx. In 1987, the Site was added to the New York State Registry of Inactive Hazardous Waste Sites as a Class 2, based on testimony before a Senate Committee on Crime that waste oil sludges, metal plating wastes, lacquer, and solvent were illegally disposed of at the site.

A remedial Investigation/Feasibility Study (RI/FS) was completed and in August 1993, a Record of Decision (ROD) was issued. Required Remedial Actions (RA) have been completed, and currently the Site is in the Post-Closure monitoring stage. RA completed include the following: Site capping and capping (with landfill gas collection system), installation of a soil-bentonite cutoff wall (slurry wall) with groundwater/leachate management system, installation of a stormwater collection system, installation of an active gas collection system and associated flare, and installation of fencing to limit access to the site.

2.2 List of Project Tasks and Scope of Work

√ Task 1. Operation, Maintenance & Monitoring Contractor Oversight: This task involves providing oversight for the various Post-Closure Operations, Maintenance & Monitoring (OMM) tasks conducted by the OMM Contractor (currently Severn Trent Environmental Services [STES], who is contracted separately by the NYCDEP under Contract No. 1140-PEL) at the Site. ARCADIS' on-site work scope is to oversee/inspect tasks conducted by the OMM Contractor, and to either document that work is being performed correctly or document and propose ways to correct any deficiencies identified. It is not anticipated that ARCADIS personnel will have the potential for exposure to chemical hazards at the Site, as the Site is closed and ARCADIS' work can be performed at a safe distance.

2.3 Site Description

Site Type: (Check as many as applicable)

<input type="checkbox"/>	Active	<input checked="" type="checkbox"/>	Secure	<input type="checkbox"/>	Industrial	<input checked="" type="checkbox"/>	Landfill (closed)	<input type="checkbox"/>	Service station
<input checked="" type="checkbox"/>	Inactive	<input type="checkbox"/>	Unsecured	<input type="checkbox"/>	Commercial	<input type="checkbox"/>	Well field	<input type="checkbox"/>	Water work
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Uncontrolled	<input type="checkbox"/>	Residential	<input type="checkbox"/>	Railroad	<input type="checkbox"/>	Undeveloped
<input type="checkbox"/>	Other specify:								

Surrounding Population:

<input checked="" type="checkbox"/>	Residential	<input type="checkbox"/>	Industrial	<input type="checkbox"/>	Commercial	<input type="checkbox"/>	Rural	<input type="checkbox"/>	Other:
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The Site is an approximate 87-acre closed landfill, which consists of the landfill mound (which is capped and densely vegetated with grasses and has an elevation of about 130 ft above grade), surface stormwater collection features (including drainage swales, ditches and ponds), an entry area (containing an unpaved parking area and several support trailers), and a fenced-in area containing the Flare system. There are also several groundwater and landfill gas monitoring wells at the Site. The Site is bordered by the Hutchinson River to the north and east, and the Eastchester Bay to the east and south. The nearest residents (Co-op City) are approximately 1/2-mile northwest of the Site.

3. Hazard Analysis

3.1 Project Hazard Checklist

Physical Hazards Present: <input type="checkbox"/> None	<input checked="" type="checkbox"/> Heat <input checked="" type="checkbox"/> Cold <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> Walking/working surfaces (includes slip/trip/fall & floor/wall openings) <input checked="" type="checkbox"/> Visible Dust <input type="checkbox"/> LASER <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Holes/Pits <input type="checkbox"/> Ionizing radiation <input type="checkbox"/> Non-ionizing radiation <input checked="" type="checkbox"/> Electricity <input type="checkbox"/> Severe Weather <input type="checkbox"/> Poor lighting <input type="checkbox"/> Overhead Hazards <input type="checkbox"/> Other:
Environmental/Equipment Hazards Present: <input type="checkbox"/> None	<input type="checkbox"/> Heavy machinery <input type="checkbox"/> Trenching/excavation <input type="checkbox"/> Docks – marine operations <input type="checkbox"/> Docks – loading <input type="checkbox"/> Diving operations <input type="checkbox"/> Drilling <input type="checkbox"/> Forklifts <input type="checkbox"/> Water operations work <input type="checkbox"/> Elevated heights (includes fall protection) <input type="checkbox"/> Overhead/Underground utilities <input checked="" type="checkbox"/> Confined spaces <input type="checkbox"/> Power tools	<input type="checkbox"/> Cranes/Hoists/Rigging <input type="checkbox"/> Ladders <input type="checkbox"/> Scaffolding <input type="checkbox"/> Man lifts <input type="checkbox"/> Welding <input type="checkbox"/> Gas cylinders <input type="checkbox"/> Roadway work <input type="checkbox"/> Railroad work <input type="checkbox"/> Energized equipment (LO/TO) <input checked="" type="checkbox"/> Pressurized equipment (LO/TO) <input type="checkbox"/> Drums and containers <input type="checkbox"/> Other:
Biological Hazards Present: <input type="checkbox"/> None	<input type="checkbox"/> Animal/human fluids or blood <input type="checkbox"/> Animal/human tissue(s) <input checked="" type="checkbox"/> Poisonous/irritating plants <input type="checkbox"/> Other:	<input type="checkbox"/> Contaminated needles <input type="checkbox"/> Live bacterial cultures <input checked="" type="checkbox"/> Insects/rodents/snakes <input type="checkbox"/> Other:
Ergonomic Hazards Present: <input checked="" type="checkbox"/> None	<input type="checkbox"/> Repetitive motion <input type="checkbox"/> Awkward position <input type="checkbox"/> Heavy lifting <input type="checkbox"/> Frequent lifting <input type="checkbox"/> Other:	<input type="checkbox"/> Limited movement <input type="checkbox"/> Forceful exertions <input type="checkbox"/> Vibration <input type="checkbox"/> Other: <input type="checkbox"/> Other:
Personal Safety/Security: <input checked="" type="checkbox"/> None	<input type="checkbox"/> Personal safety <input type="checkbox"/> Security issue <input type="checkbox"/> Project site in isolated area <input type="checkbox"/> Employees working alone <input type="checkbox"/> Other:	<input type="checkbox"/> Employees working early/late <input type="checkbox"/> Potentially dangerous wildlife <input type="checkbox"/> Guard or stray dogs in area <input type="checkbox"/> No/limited cell phone service <input type="checkbox"/> Other:
Driving Safety <input type="checkbox"/> None	<input checked="" type="checkbox"/> Driving early/late <input type="checkbox"/> Driving long trip <input checked="" type="checkbox"/> Driving off-road	<input type="checkbox"/> City driving <input type="checkbox"/> Pulling trailer <input type="checkbox"/> Other:

3.2 Chemical Hazards

The Site is a closed, landfill that is in the Post-Closure Monitoring Phase. Since the on-site portion of the ARCADIS work scope involves oversight of the OMM Contractor, this section is not applicable.

Chemical	Hazards	TLV/PEL* 8-hr TWA	Ionization Potential	Symptoms of Overexposure	Special Precautions

*The TLV (Threshold Limit Value) from the American Conference of Governmental Industrial Hygienists is listed unless the PEL (Permissible Exposure Limit), designated by OSHA, is lower.

3.3 Task Hazard Analysis

Each hazard is evaluated and rated for the level of risk based on the task of the project. A thorough task hazard analysis is completed for each respective task using the following Relative Hazard Rating Scale:

Hazard is/has...	Minimal health effects	Moderate health effects	Severe health effects
Rarely present	LOW	LOW	MED
Sometimes present	LOW	MED	HIGH
Constantly present	MED	HIGH	HIGH

Administrative and engineering controls for each hazard are evaluated for hazard abatement. Personal protective equipment (PPE) required to protect employees from the hazard are indicated, and a summary checklist is provided in Appendix B. Prior to initiating field work, a tailgate safety briefing must be conducted with all field staff to review the hazards with the project team. Tailgate safety briefings should be conducted daily, or as tasks/hazards change. The tailgate safety briefing form is included in Appendix C.

This section also specifies the monitoring equipment to be used on Site for each task. If air monitoring levels reach and/or approach the action levels, work should be suspended and the project manager contacted to determine if the HASP should be amended to upgrade PPE requirements. All monitoring equipment will be maintained and calibrated in accordance with manufacturer recommendations. All pertinent monitoring data will be logged on the Real Time Air Monitoring Data Form (Appendix D) and maintained on Site for the duration of project activities. Calibration of all monitoring equipment will be conducted **daily** and logged on the same form.

3.3.1 Task 1 – Operation, Maintenance & Monitoring Contractor Oversight

HAZARD	Heat/Cold	Level of Risk:	Low
Source of Hazard	Working outdoors on landfill; no trees to provide shade or protection against wind (coastal area).		
Admin. & Eng. Controls	Take frequent breaks to replenish fluids and/or warm up. Schedule work to avoid hottest/coldest portions of day. Use TRACK.	PPE:	Wear seasonal clothing; dress in layers
HAZARD	Noise	Level of Risk:	Low
Source of Hazard	Oversight of Contractor during periods when heavy equipment is used, i.e., power tools, lawn mower, etc.		
Admin. & Eng. Controls	Keep proper distance from machinery, ensure that all sound reducing baffles are in place and the equipment is in proper working order. Use TRACK.	PPE:	Ear plugs, as needed.
HAZARD	Walking Surfaces (slips/trips/falls)/Holes/Pits	Level of Risk:	Med
Source of Hazard	Site is a closed landfill with elevation changes across the Site; drainage features (ditches, basins, etc.) are present; Site is has area of rip-rap along shoreline where stormwater is drained/sampled; Site has dense vegetation (grass) that may hide trip hazards.		
Admin. & Eng. Controls	Walk carefully and slowly across Site; stay on walkways where grass has been cut; do not walk on areas with rip-rap or loose stone; be careful around areas where drainage features are located, mark these areas if necessary. Use TRACK.	PPE:	Wear proper shoes

HAZARD	Visible Dust	Level of Risk:	Low
Source of Hazard	Mowing landfill or other activity that generates dust. High winds.		
Admin. & Eng. Controls	Try to position yourself upwind of dust generating activity; stand with back to wind. Use TRACK.	PPE:	Goggles, or full-face respirator with particulate filter, if needed
HAZARD	Electricity/Compressed Gases	Level of Risk:	Low
Source of Hazard	MCP/Propane cylinders for Flare System		
Admin. & Eng. Controls	Observe Contractor from outside fenced area. Use TRACK.	PPE:	N/A
HAZARD	Confined Spaces	Level of Risk:	Med
Source of Hazard	Presence of below grade Vaults		
Admin. & Eng. Controls	Do not go in to confined spaces; Oversee Contractor without making a confined space entry. Use TRACK.	PPE:	N/A
HAZARD	Poisonous/irriating Plants	Level of Risk:	Med
Source of Hazard	Poison Ivy around/on landfill		
Admin. & Eng. Controls	Identify areas with poison ivy and stay out of those areas. Use TRACK.	PPE:	Wear protective tyvek coverall and/or disposal boot, as needed. Use latex gloves when removing material that have come in contact with poison ivy and dispose of affected materials.
HAZARD	Insects (i.e., Ticks)/rodents/snakes	Level of Risk:	High
Source of Hazard	Ticks, mice/squirrels, snakes		
Admin. & Eng. Controls	Stay on mowed walkways; do hourly tick checks and remove any ticks found. Do not pick up and materials on ground or kick loose stone as snake/rodent may be present. If you encounter a snake or rodent stay clear and find another way around. Use TRACK.	PPE:	Wear light-colored, breathable tyvek coverall taped to wrist and boot and baseball cap during Tick season; use insect repellent (DEET) around boots, etc. to help repel ticks. Wear proper boots.

HAZARD	Driving Early/Late; Off-Road	Level of Risk:	Med
Source of Hazard	Driving to/from Site; Driving on landfill		
Admin. & Eng. Controls	Use defensive driving principal when driving. Schedule work to avoid early/late driving. Drive slowly when driving on the landfill.	PPE:	N/A

Is air monitoring required for this task? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If yes, complete the following:		
Monitoring Equipment	Monitoring Frequency	Action Level

3.4 Client-Specific Health and Safety Requirements

- v This section is not applicable.

Emergency Procedures

In the event that an injury, over-exposure or spill has occurred, emergency response procedures will be implemented. The Site Safety Officer (SSO) will coordinate the entry and exit of response personnel during an emergency and make emergency contacts as necessary from the following list. After immediate notifications are made, the SSO will contact the Project Manager.

3.5 Emergency Contact Information

Emergency Contact	Phone Numbers
Local Police	911 and/or 718-882-5411
Local Ambulance	911 and/or 718-430-0266
Local Fire Department	911 and/or 718-430-0266
Local Hospital (Jacobi Medical Center)	718-918-5000
National Response Center (all spills in reportable quantities)	800.424.8802
U.S. Coast Guard (spills to water)	804.441.3516
Project Manager – Kyriacos Pierides	631-391-5263
Client Contact –Rupak Raha	718-595-6210

The Project Manager will make the following notifications:

Name	Phone Numbers
Corporate Health & Safety Director – Mike Thomas	720.344.3835 (O) 720.308.2147 (C)
Corporate Health & Safety Manager – Pat Vollertsen	720.344.3779 (O)
Regional Health & Safety Manager – Mija Coppola	614.799.4716 (O) 614.554.0401 (C)
Area Health & Safety Representative – Carlo San Giovanni	613.391.5259 (O) 516.903.6591 (C)

If emergency attention is not needed but professional medical attention is necessary, the employee will be taken to:

Medical Facility: Jacobi Medical Center
 Address: 1400 Pelham Parkway South No. 803
 Bronx, NY 10461

 Phone Number: 718-918-5000

A map to the medical facility is included in Appendix E.

3.6 Emergency Equipment

	Emergency shower	X	First-aid kit
X	Emergency eyewash	X	Cell phone/radio
X	Fire extinguisher		Chemical spill kit
	Other:		Other:

All employees working on this project will be shown the location and proper use of all emergency equipment prior to beginning work on the project.

4. Project Team and Training

4.1 Personnel List

The project manager is responsible for safety at the project site and for ensuring that all site workers have reviewed the HASP and understand the hazards. The project manager must also ensure that the necessary PPE is procured and provided to site workers. The task manager assists the project manager in implementing safety measures at the site, and conveys any safety concerns to the project manager.

The SSO officer is responsible for implementing the HASP at the project site. If any site personnel or visitors do not comply with the HASP, the SSO will cease all work until personnel/visitors comply. The SSO will contact the PM/TM to inform them of any personnel not complying with the HASP.

- Project Manager: Kyriacos Pierides
- Task Manager: Carlo San Giovanni
- Site Safety Officer: Tricia Richie, David Hermantin, or other
- Site Workers: N/A

4.2 Training Requirements

All personnel working at the site must have the necessary training based on the hazards present. The following training is required for all site workers:

<p>Training Required:</p> <p><input type="checkbox"/> None</p>	<p><input checked="" type="checkbox"/> 40-hour HAZWOPER</p> <p><input type="checkbox"/> 24-hour HAZWOPER</p> <p><input checked="" type="checkbox"/> HAZWOPER site supervisor</p> <p><input type="checkbox"/> OSHA 30-hour Construction</p> <p><input type="checkbox"/> OSHA 10-hour Construction</p> <p><input type="checkbox"/> PPE</p> <p><input type="checkbox"/> Respiratory protection</p> <p><input type="checkbox"/> Chemical hygiene</p> <p><input type="checkbox"/> Hazard communication</p> <p><input type="checkbox"/> Hazardous waste</p> <p><input type="checkbox"/> First-aid/CPR/Bloodborne pathogens</p> <p><input type="checkbox"/> DOT/IATA hazmat transportation</p> <p><input type="checkbox"/> Diving</p> <p><input type="checkbox"/> Boating safety</p>	<p><input type="checkbox"/> Confined space</p> <p><input type="checkbox"/> Lockout/tagout</p> <p><input type="checkbox"/> Electricity</p> <p><input type="checkbox"/> Fire extinguishers</p> <p><input type="checkbox"/> Fall protection</p> <p><input type="checkbox"/> Noise exposure</p> <p><input type="checkbox"/> Forklifts</p> <p><input type="checkbox"/> Asbestos</p> <p><input type="checkbox"/> Lead</p> <p><input type="checkbox"/> Cadmium</p> <p><input type="checkbox"/> Radiation safety</p> <p><input type="checkbox"/> Client specific</p> <p><input type="checkbox"/> Other:</p>
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Medical Screening	<input checked="" type="checkbox"/> Medical Surveillance Exam (HAZWOPER) <input type="checkbox"/> Client required drug and/or alcohol testing	<input type="checkbox"/> Blood and/or urine screening for other hazardous substances
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All 40-hour HAZWOPER trained personnel who are working at HAZWOPER project sites are required to participate in the ARCADIS medical surveillance program as outlined in the Corporate Health and Safety Manual.

4.3 Subcontractors

A copy of this HASP is to be provided to all subcontractors prior to the start of work so that the subcontractor is informed of the hazards at the site. While the ARCADIS HASP will be the minimum H&S requirements for the work completed by ARCADIS and its subcontractors, each subcontractor, in coordination with ARCADIS H&S personnel, is expected to perform its operations in accordance with its own HASP, policies and procedures unique to the subcontractor’s work to ensure that hazards associated with the performance of the work activities are properly controlled. Copies of any required safety documentation for a subcontractor's work activities will be provided to ARCADIS for review prior to the start of on-site activities.

In the event that the subcontractor’s procedures/requirements conflict with requirements specified in this HASP, the more stringent guidance will be adopted after discussion and agreement between the subcontractor and ARCADIS project H&S personnel. Hazards not listed in this HASP, but known to the subcontractor or known to be associated with the subcontractor's services, must be identified and addressed to the ARCADIS Project or Task Manager and SSO prior to beginning work operations.

If the subcontractor prefers to adopt this HASP, the **“Subcontractor Acknowledgement Memo” (provided on the ARCADIS Intranet) must be signed and dated by the subcontractor’s management and placed in the project file.**

Once the signed memo is received by the project manager, an electronic version of our HASP can be submitted to the subcontractor to use as their own. Subcontractors working at the site will need to have this plan with them, and will also need to sign the Subcontractors HASP receipt signature page of the ARCADIS HASP (Section 6.2). Subcontractors are responsible for the H&S of their employees at all times, and have the authority to halt work if unsafe conditions arise.

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The Project/Task Manager and SSO (or authorized representative) has the authority to halt the subcontractor's operations and to remove the subcontractor or subcontractor's employee(s) from the Site for failure to comply with established health and safety procedures or for operating in an unsafe manner.

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Appendix A

HASP Addendum Pages

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Addendum Page

This form should be used to document any changes required to this HASP. These changes may be a result of changes to the scope of services, changes in field conditions, new hazards identified on the Site, higher or lower hazards than anticipated, etc. Please complete this form prior to the next work day once the changes have been identified. Review the modifications with all Site staff, including subcontractors, during the daily tailgate briefing, and complete the tailgate briefing form as required. Attach a copy of the addendum to all copies of the HASP including the Site copy, and log in the Addendum Log in Section 1.0.

Addendum Number: _____ Project Number: _____
 Date of Changed Conditions: _____ Date of Addendum: _____

Description of Change that Results in Modifications to HASP:

Hazard Analysis for Change in Work:

HAZARD		Level of Risk:	
Source of Hazard			
Admin. & Eng. Controls		PPE:	
HAZARD		Level of Risk:	
Source of Hazard			
Admin. & Eng. Controls		PPE:	

Signed: _____
 Project Manager

Signed: _____
 Site Safety Officer

Signed: _____
 H&S Plan Writer

Signed: _____
 H&S Plan Reviewer

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Appendix B

PPE Checklist

Description (Specify Material or Type in Box)	R = Required O = Optional
Body	
Coveralls – light-colored, breathable tyvek, taped at boot and wrist	R
Splash Apron	
Rain Suit	O
Traffic Safety Vest (reflective), as needed for work near roadways/traffic	O
Head	
Hard Hat (if does not create other hazard) or Baseball Cap	R
Head Warmer (depends on temperature and weather conditions)	O
Eyes & Face	
Safety Glasses (incorporate sun protection as necessary)	O
Goggles (based on hazard)	
Splash Guard (based on hazard)	
Ears	
Ear Plugs, as needed	O
Ear Muffs	
Hands & Arms	
Outer Chemical Resistant Gloves	
Inner Chemical Resistant Gloves (i.e. Nitrile)	
Insulated Gloves	O
Work Gloves	
Foot	
Safety Boots (steel toe and shank)	R
Rubber, Chemical Resistant Boots	
Rubber Boots	
Disposable Boot Covers, as needed	O
Respiratory Protection	
Dust Protection	O
Other Supplies	
First Aid Kit	R
Fire Extinguisher	
Mobile Phone	R
Traffic Cones	
Walkie Talkies	
Water or Other Fluid Replenishment	O
Eye Wash Station	
Eye Wash Bottle	R
Wash and Dry Towelettes	
Sunscreen (SPF 15 or higher)	O
Insect Repellant	R

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Appendix C

Tailgate Briefing Sign-in Log

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Appendix D

Real Time Air Monitoring Log

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Real Time Air Monitoring Data Collection Form

Document all air monitoring conducted on the Site below based on Section E of the HASP. Keep this form with the project files.

Site Name: _____ Date: _____

Instrument: _____ Model: _____ Serial #: _____

Calibration Method: (material used, settings, etc.)	
Calibration Results:	
Calibrated By:	

Activity Being Monitored	Compounds Monitored	Time	Reading	Action Required? Y/N

Describe Any Actions Taken as a Result of this Air Monitoring and Why:

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Appendix E

Map to the Hospital



START [1251-1273] Pelham Pkwy N
Bronx, NY 10469, US

END Jacobi Medical Ctr:
718-918-5000
1400 Pelham Pkwy S #
803, Bronx, NY 10461, US


Total Est. Time:
3 minutes


Total Est. Distance:
0.90 miles


Maneuvers

Distance

- START** 1: Start out going WEST on PELHAM PKWY N toward THROOP AVE. 0.3 miles

-  2: Turn LEFT onto WILLIAMSBRIDGE RD. <0.1 miles

-  3: Turn LEFT onto BRONX AND PELHAM PKWY E. 0.3 miles

-  4: Turn SLIGHT RIGHT onto PELHAM PKWY S. 0.1 miles

- END** 5: End at **Jacobi Medical Ctr**
1400 Pelham Pkwy S # 803, Bronx, NY 10461, US

Total Est. Time: 3 minutes

Total Est. Distance: 0.90 miles



START [1251-1273] Pelham Pkwy N
Bronx, NY 10469, US

END Jacobi Medical Ctr:
718-918-5000
1400 Pelham Pkwy S #
803, Bronx, NY 10461, US

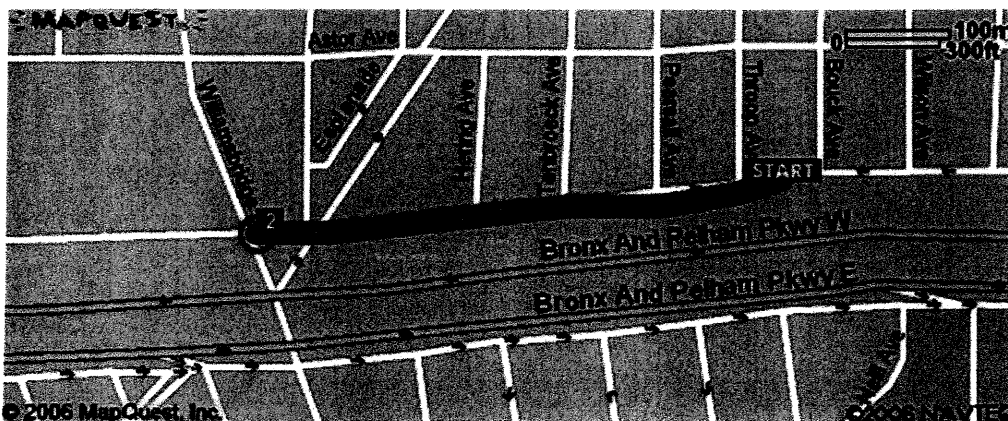
Total Est. Time:
3 minutes

Total Est. Distance:
0.90 miles

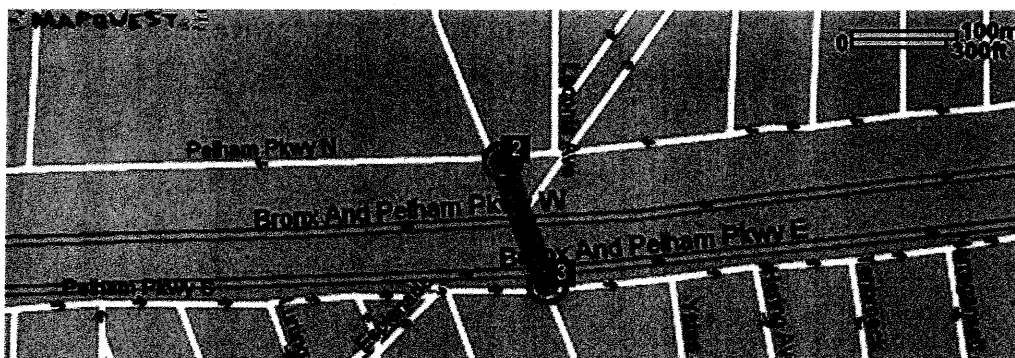
Maneuvers

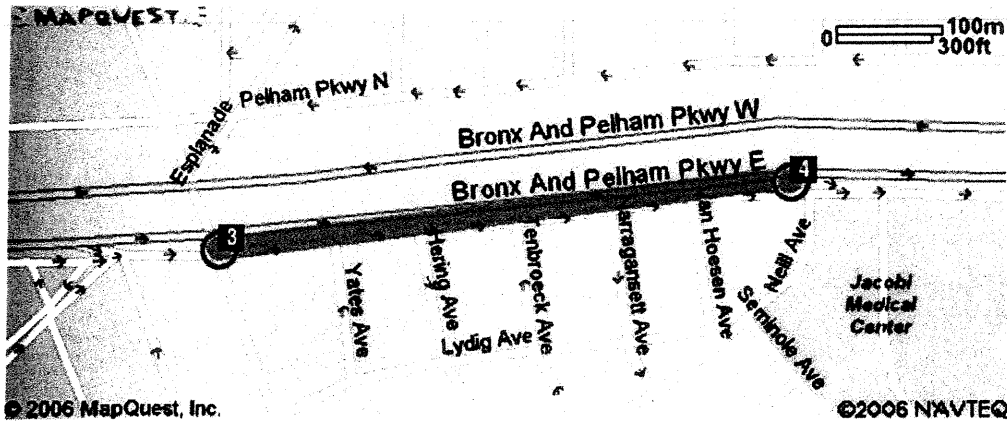
Distance

- START** 1: Start out going WEST on PELHAM PKWY N toward THROOP AVE. 0.3 miles



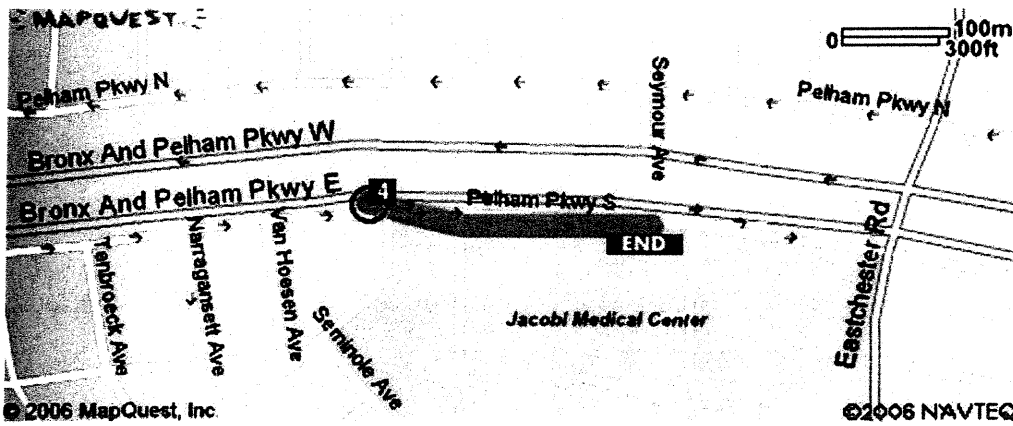
- 2: Turn LEFT onto WILLIAMSBRIDGE RD. <0.1 miles





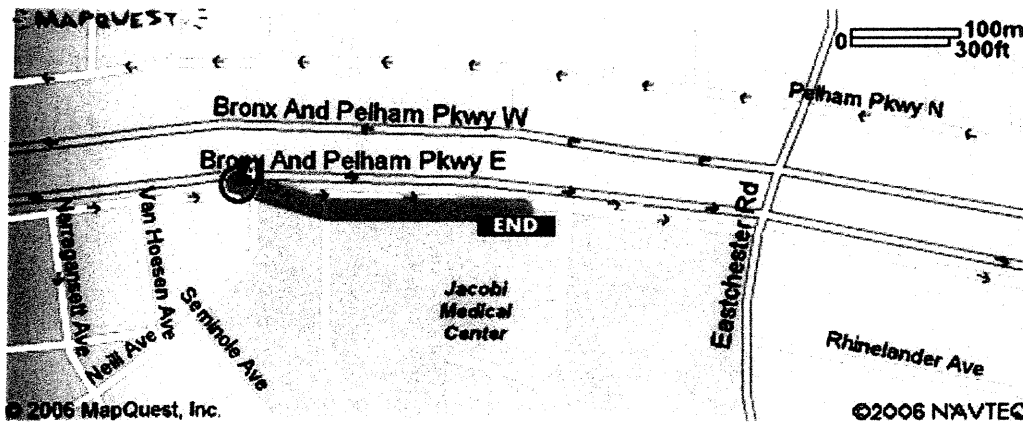
4: Turn SLIGHT RIGHT onto PELHAM PKWY S.

0.1 miles



5: End at Jacobi Medical Ctr

1400 Pelham Pkwy S # 803, Bronx, NY 10461, US



Total Est. Time: 3 minutes

Total Est. Distance: 0.90 miles