



# Contingency Plan

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Prepared for:

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125 New South Road  
Hicksville, New York

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## 1. Introduction

The Contingency Plan has been developed for personnel to follow during implementation of the remedial activities at the Bayer MaterialScience LLC site located at 125 New South Road in Hicksville, Nassau County, New York. In general, this Contingency Plan presents responsibilities of emergency coordinators, an evacuation and emergency access plan, measures to prevent spills from occurring, and measures to properly respond to spills/spill-related emergencies, fire, explosion, or other emergency, should they occur. The remedial activities associated with the Contingency Plan include:

- Mobilization/demobilization
- Excavation of impacted material
- Excavation sloping/benching/shoring
- Material handling, staging, loading and transportation
- Site restoration
- Equipment decontamination

This Contingency Plan was prepared in accordance with United States Environmental Protection Agency (USEPA) and Occupational Health and Safety Administration (OSHA) guidance documents. Reasonable measures will be taken to prevent emergency situations. However, if an emergency occurs, this Contingency Plan will be implemented immediately, and the procedures herein will be followed. All project personnel shall read and comply with this Contingency Plan.

The remainder of this plan is organized as follows:

- Section 2 – Responsibilities and Designation of Emergency Coordinator
- Section 3 – Evacuation/Emergency Access Plan
- Section 4 – Spill Prevention Plan
- Section 5 – Spill Response Plan
- Section 6 – Coordination Plan
- Section 7 – Contact Personnel/Nearest Medical Facility

## 2. Responsibilities and Designation of Emergency Coordinator

EQ's emergency coordinator (EC) or his alternative is responsible for implementing this Contingency Plan during an emergency. The EC shall also act as the site health and safety officer (HSO) to maintain continuity in the lines of authority during an emergency. The site EC/HSO responsibilities shall be handled by a designated alternate to serve in case of the primary EC absence. All site employees must be familiar with the procedures in this plan and are responsible for implementing the plan should the EC or the alternative be unavailable.

At the beginning of the site activities, the EC/HSO will designate one or more employees of the project team in conjunction with any subcontractor, to serve as part of a rescue team. At a minimum, the rescue team will consist of two persons. The rescue team will communicate with the project manager on a daily basis.

The rescue team will respond to emergencies, as needed, and will be under the direction of the EC/HSO. The members of the team must be certified in cardiopulmonary resuscitation (CPR) and emergency first aid.

A list of offsite emergency personnel is provided in Section 7. The EC/HSO will either notify offsite personnel or designate someone to do so. The first responders consist of police, fire, ambulance, and potentially the New York State Department of Environmental Conservation (NYSDEC). They will be alerted as to the type of emergencies that may arise and the types of hazards at the site.

### 3. Evacuation/Emergency Access Plan

The EC/HSO shall inform onsite personnel of a required evacuation using appropriate methods (e.g., compressed air horn). As field activities progress, it will be necessary to modify the evacuation routes in accordance with site conditions and layout. Onsite personnel shall evacuate the site via the nearest safe route and gather at the main construction entrance off New South Road. Attendance will be taken to verify that all onsite personnel are present (based on the sign-in/sign-out sheet). In the event of an injury to onsite personnel, emergency procedures outlined in the Health and Safety Plan (HASP) should be followed. Emergency vehicles entering the site will enter along the main construction entrance off New South Road.

#### 3.1 Safe Distances and Refuge

The following minimum safe distances have been established. Depending upon the nature of the incident, the EC/HSO may increase the distances. Arrangements will be made with the local police department to evacuate nearby neighbors. Any decisions on the need for and distances of evacuation will be made in conjunction with the fire and police department and the NYSDEC:

- Minor spills – No established distance
- Major Spills – Evacuate non-essential personnel offsite or 1,000 feet, whichever is greater
- Minor Fire – Evacuate non-essential personnel offsite
- Explosion – Evacuate all personnel ½ mile in all directions

#### 3.2 Confined Space Emergencies

Each employee entering a confined space shall wear a safety harness equipped with a lifeline for evacuation purposes in the case of an emergency, unless the lifeline creates more of a hazard for the individual in the space. Emergency equipment such as lifelines, breathing equipment, fire extinguishers and harnesses will be ready for immediate response in case an emergency situation arises.

#### 3.3 Fire

A fire extinguisher shall be used on minor fires where a container is not involved. If the fire cannot be extinguished immediately or a container is involved, the area must be evacuated immediately and the fire department notified from a safe location. Extinguishing methods include CO2 or dry chemical. A water spray can also be used (not a direct hose stream). Foam, water spray, or fog can be used on larger fires.

### 3.4 Explosion

In the event of an explosion, the area shall immediately be evacuated and the fire department notified. The cause of the explosion should be assessed and corrected prior to reentry onto the site.

### 3.5 Medical

Medical emergencies are addressed in the HASP. Appropriate first aid will be administered, and if necessary, the injured individual will be sent to the designated medical facility. An ambulance will be summoned, if needed. The cause of the accident will be determined and corrected, prior to continuing operations. A first aid kit will be maintained in the office trailer at all times.

When possible, injured personnel will be decontaminated or partially decontaminated in accordance with the HASP. Based upon the anticipated toxicity of the contaminants, personnel decontamination procedures may be eliminated in a life-threatening situation. Emergency medical personnel will be notified as to the lack of decontamination. Emergency medical personnel will wash with soap and potable water after handling the victim. Appropriate documentation should be completed in accordance with the HASP.

### 3.6 Severe Weather Conditions

When a hurricane, flood, electrical storm, windstorm, freeze-up, or other severe weather-related threat is detected, all site personnel will immediately be notified. Each Severe Weather Alert will require last-minute preventative measures to minimize potential damage to facilities and equipment. For example, steps such as checking drains, removing electrical material from open yards, discontinuing sheetpile driving, protecting soil piles and excavations, and managing sheet flow of water will have to be evaluated depending on weather conditions.

#### 4. Spill Prevention Plan

Prior to mobilization, each piece of equipment to be brought on-site will be visually inspected for potential sources of spills of hydraulic fluid, engine oil, transmission fluid, fuel, etc. (by inspecting the condition of hydraulic cylinders, hoses, gaskets, fuel tanks, etc.). If a potential spill source is identified, EQ will conduct the necessary repairs or replace the piece of equipment prior to entering the site. Each piece of heavy equipment used at the site will be equipped with a spill kit, consisting of sorbents and absorbent booms. In addition, each piece of heavy equipment at the site will be equipped with a fire extinguisher.

The following precautions will be taken to minimize potential spills of fuel during the remedial activities:

- Refueling activities will be conducted on level ground within a designated area away from steep slopes and the edge of the excavation.
- No smoking will be permitted within 50 feet of the refueling area.
- No internal combustion engine fuel tank will be refilled with a flammable liquid while the engine is running.
- Fuel caps will be replaced before starting the engine.
- Fuel pump dispensers will be secured (i.e., locked) when not in use to avoid accidental fuel release.
- Visual inspections of equipment/portable fuel tanks will be conducted to check for leaks. If leaks are observed, transfer the tank contents to an alternate tank and the leaking tank will be replaced or repaired, as appropriate.
- Equipment will be maintained in accordance with the manufacturer's specifications.
- Vehicles and equipment will be operated/parked a safe distance away from the edge of the excavation.

## 5. Spill Response Plan

Spill response procedures have been developed for responding to unplanned release of oil, products, materials, hazardous waste, etc. to soil or groundwater during the soil removal activities. All spills will be immediately reported to the Contractor's EC/HSO, who in turn, will inform the Engineer and Bayer's Project Manager (whose names and phone numbers will be included in the emergency contact personnel and phone number list). In addition, reportable spills will be called in to the NYSDEC spills hotline within two hours of discovery. The EC/HSO will be responsible for implementing the following general spill response procedures:

1. Ceasing Operation of the Affected Equipment: This will consist of shutting off the equipment and/or closing any valves and stopping the leak, if possible.
2. Containing the Spill: If the spilled material is floating on a water surface, spill-absorbent pads/booms will be placed across the path of the floating spill. If the spilled material sinks below the water surface, a dam, weir, or other containment method will be used to stop the flow of the spilled material. If the spill occurs on land, a ditch, dam, or other containment unit will be constructed to stop the flow of the spilled material. Absorbent material will be applied as necessary.
3. Cleaning Up the Spill: Spills in water will be recovered using pumps, sorbent material, etc. as necessary until the spilled material is recovered (and no sheen or other evidence of the spill is observed on the water surface). Spills on land shall be recovered using pumps, sorbent material, and heavy equipment, as necessary until the spilled material is recovered. Other activities to be conducted during spill cleanup include: removing impacted soil/sorbent pads; using rags and cleaning solution to remove excess spilled material from equipment; and collecting verification samples to confirm that the impacted soil has been removed.
4. Containerizing Spill Materials: Spill materials, impacted soil, sorbent pads, etc. will be containerized in New York State Department of Transportation- (NYSDOT-) approved containers. The containers will be labeled with the waste type and date of accumulation in accordance with applicable regulations contained in 49 CFR Part 172. Samples will be collected to characterize the spilled materials for disposal (e.g., as a hazardous/non-hazardous waste).
5. Disposing of Spill Materials: Impacted materials and spill cleanup debris will be disposed of at a facility permitted to accept the materials.
6. Performing Post-Spill Maintenance: Following cleanup of the spill, the Contractor's EC/HSO will ensure that all used spill cleanup material and equipment has been disposed of or decontaminated, as appropriate. If the equipment that caused the spill cannot be properly repaired, replacement equipment shall be obtained.

Further information on responding to spills is presented below.



## 5.1 Minor Spills

For purposes of the Contingency Plan, minor spills would be those that consist of 1 gallon or less. Minor spills will be remediated by removing spill debris with any underlying or surrounding contaminated soil. The spilled material will be handled as a hazardous waste or nonhazardous waste, depending on the material involved. If leaking, the container will be placed in an overpack drum. Additional emergency measures would not be implemented, unless needed. Empty drums, Speedi-dri, miscellaneous hand tools, fire extinguishers, absorbent pads, and booms will be available onsite to deal with minor spills that occur.

## 5.2 Major Spills

For purposes of this Contingency Plan, a major spill is defined as those that involve greater than 1 gallon of material. In the event of a major spill, communication and notification procedures will be implemented. The response will depend on the nature of the release. Attempts will be made to control the release of diking and draining the area. An absorbent pad, Oil Dry, or soil will be used to absorb the release. The removed material will be placed into appropriate drums and sealed to prevent hazards. Employees should note that absorbents solidify the liquid, but do not remove the potential fire or exposure hazards. Solvents will volatilize from the absorbent and can ignite. Therefore, a fire extinguisher shall be brought to the area of the release by the emergency response team, until the material is secured inside a drum. In the event that the release is of sufficient magnitude and cannot be controlled by diking, damming, absorbing, or other method, the local fire department, NYSDEC, and National Response Center shall be notified.

## 6. Coordination Plan

The EC/HSO will be responsible for coordinating and directing emergency response measures and should be thoroughly familiar with the remedial activities, the location and characteristics of all materials handled at the site, the general layout of the area, and all aspects of the Remedial Design. In the event of a spill and/or emergency, the Contractor's EC/HSO shall complete the following activities:

- Inform site personnel of the potential hazards and required levels of personal protective equipment to conduct the cleanup.
- Notify appropriate emergency/spill response personnel.
- Notify the Engineer and Bayer's project manager (to be included on the Contractor's emergency contact personnel and phone number list).
- Notify appropriate site security personnel of the nature of the emergency and the emergency response vehicles (i.e., fire trucks, ambulances, police cars, etc.) that will require access to the site.
- Notify spill/emergency personnel of site hazards prior to entering the exclusion zone.

The EC/HSO shall also record the following information pertaining to a spill incident:

- Name of the person who identified the spill incident
- Date, time and location of the spill incident
- A brief description of the spill incident
- The estimated quantity of material spilled
- The extent of impacts to soil, groundwater, etc., from the spill

A copy of the above-identified information will be provided to the Engineer within 24-hours of the spill occurrence. In the event that there is an immediate threat to human health and the environment (based on observations of the spill incident and/or air monitoring results), the EC/HSO shall notify the appropriate authorities identified in the

HASP (i.e., local police, fire departments, hospitals, and state and local emergency response teams). The EC/HSO will evacuate personnel from the site as described above.

## 7. Contact Personnel/Nearest Medical Facility

### **Emergency Contact**

### **Phone**

Local Police	911 or (516) 573-5275
Local Ambulance	911
Local Fire Department	911
Local Hospital (North Shore – Long Island Jewish Health System) Plainview Hospital	(516) 719-2336 (Emergency) (516) 719-3000 (Non-Emergency)
Local Weather Data (National Oceanic and Atmospheric Admin.)	(631) 924-0517
Poison Control	(800) 222-1222
National Response Center (all spills in reportable quantities)	(800) 424-8802
Work Care	(800) 455-6155
ARCADIS Project Manager (David Kingsley)	(585) 233-7046
EQ Site Manager (John Curran)	(978) 833-1297
EQ H&S Manager (Dave Kahn)	(718) 354-0089
Client Contact (David Schnelzer)	(412) 777-7603

If emergency attention is not needed but professional medical attention is necessary, the employee will be taken to (see hospital route):

Medical Facility: NSLIJ Plainview Hospital  
Address: 888 Old Country Road, Plainview, NY 11803  
Phone Number: (516) 719-2336 (Emergency)  
(516) 719-3000 (Non-Emergency)

The estimated travel time is 6 minutes for 2.2 miles of travel.



**125 New South Rd, Hicksville, NY 11801-5229**



1. Start out going **north** on **New South Rd** toward **Commerce Pl.** [Map](#)

**0.3 Mi**  
0.3 Mi Total



2. Turn **right** onto **Meadow Ln.** [Map](#)  
*Meadow Ln is just past Tudor Rd  
If you reach Field Ave you've gone a little too far*

**0.3 Mi**  
0.7 Mi Total



3. Turn **left** onto **S Oyster Bay Rd.** [Map](#)  
*CVS Pharmacy is on the corner*

**0.4 Mi**  
1.1 Mi Total



4. Turn **right** onto **Old Country Rd.** [Map](#)  
*Old Country Rd is just past Cedar St  
Burger King is on the right  
If you reach Island St you've gone a little too far*

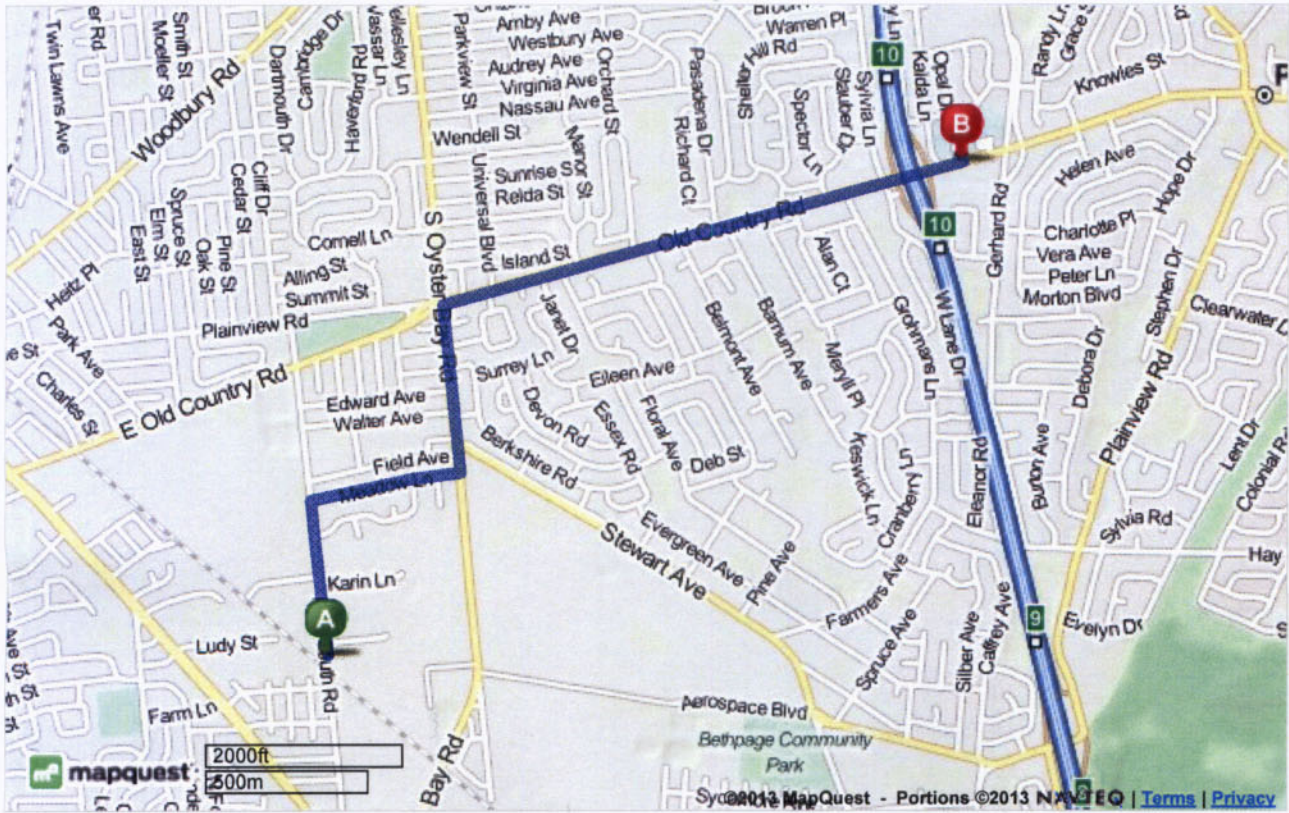
**1.2 Mi**  
2.3 Mi Total



5. **888 OLD COUNTRY RD** is on the **left.** [Map](#)  
*Your destination is just past Kalda Ln  
If you reach Central Park Rd you've gone a little too far*



**888 Old Country Rd, Plainview, NY 11803-4914**



mapquest

2000ft  
500m

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## CONTRACTOR ORIENTATION FORM

The following checklist shall be reviewed with all contractors by the EQ representative, or EHS manager prior to the start of work at an EQ site. This checklist is not meant to replace EQ's "Contractor Environmental, Health & Safety Manual" (QES-CM-002-ALL) or "Contractor Pre-Job Checklist," (QES-FM-071-ALL) but to facilitate the site safety orientation. All participants in the orientation shall sign an attendance sheet, which will be attached to the signed "Contractor Sign-Off Sheet" (Appendix B in the manual) and filed in the EHS Manager's office. A copy of this completed form shall be distributed to the Contractor for reference while on site.

EQ site name/location:
<b>General Information:</b>
<input type="checkbox"/> All vehicles shall observe a maximum speed of _____ unless otherwise posted.
<input type="checkbox"/> The minimum PPE requirements for this site are: Additional PPE requirements for this project are:
<input type="checkbox"/> Smoking is permitted in the following area(s):
<input type="checkbox"/> Eating is permitted in the following area(s)
<input type="checkbox"/> Toilets and washing facilities are located in the following area(s):
<input type="checkbox"/> Location of MSDSs at this site: Any additional Hazard Communication Program Information (if necessary):
<b>Emergency Information: <i>In case of emergency, Contractor is to notify EQ personnel immediately.</i></b>
<input type="checkbox"/> Emergency procedures for this site are:
<input type="checkbox"/> Location(s) of: <ul style="list-style-type: none"> <li>• First-aid kit(s):</li> <li>• Eyewash(es) / Safety Shower(s):</li> <li>• Assembly Area(s) or Rally Point(s):</li> <li>• Windsock(s):</li> <li>• Additional safety equipment (if available):</li> </ul>
<input type="checkbox"/> Evacuation routes for the Contractor's work area include:
<b><i>All accidents (personal injury, property damage, spills/releases, etc.) shall be reported to the EQ representative or EHS manager as soon as emergency conditions no longer exists. A written report by the Contractor is required within 24 hours of the event.</i></b>
<input type="checkbox"/> The closest clinic to this site is (name, address, phone number, hours):
<input type="checkbox"/> The closest hospital to this site is (name, address, phone number):
<input type="checkbox"/> Description of actual and potential hazards that may be encountered on this site:

Review of "Contractor Pre-Job Checklist" (QES-FM-071-ALL) and any additional concerns:

**EQ Site Contact Information:**

<b>Name:</b>	<b>Relationship to Project</b> ( <i>i.e., Project Manager, EHS Manager, Operations Manager, Emergency Coordinator, etc.</i> ):	<b>Phone Number(s):</b>

Additional Information: