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ARCADIS of New York, Inc.

ENVIRONMENT

Subject:

Bayer MaterialScience LLC
125 New South Road
Hicksville, New York
USEPA ID#: NYD002920312
Soil Vapor Intrusion Background Information Search Summary

Dear Ms. Barraza:

This letter summarizes a review of background information searches conducted to identify the potential for volatile organic compounds (VOCs) in soil gas or indoor air at commercial/industrial properties neighboring the Bayer MaterialScience LLC (Bayer) site located at 125 New South Road, Hicksville, New York (the Site). The background information was collected by means of the following: (1) a New York State Department of Environmental Conservation (NYSDEC) Freedom of Information Law (FOIL) request (FOIL Request No. 09-0191); (2) a database search performed by Environmental Data Resources, Inc. (EDR) and; (3) various United States Environmental Protection Agency (USEPA) and NYSDEC web-based database searches. The background information searches focused on seven properties located south of the Site.

The background information search was performed in general accordance with a January 15, 2009 letter from ARCADIS responding to NYSDEC comments on the Phase II Soil Vapor Investigation (SVI) and in response to discussions held during a February 18, 2010 telephone conference call with the NYSDEC and New York State Department of Health (NYSDOH) and a February 23, 2010 letter from the NYSDEC to Bayer commenting on the Phase IV SVI. This letter sets forth an assessment of the seven properties for potential evidence of current or previous use/handling, generation, storage, or release(s) of VOCs, including trichloroethene (TCE), tetrachloroethene (PCE), or cis-1,2-dichloroethene (cis-1,2-DCE) to determine whether an offsite soil vapor investigation south of the Site is needed. TCE, PCE, and cis-1, 2-DCE were key VOCs selected for this background information search

Date:

October 1, 2010

Contact:

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Our ref:

B0032305.0004 #5

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because they are the constituents of interest (COIs) in soil vapor at the Site. Based on the records review summarized herein, there is documented use/storage/handling and/or spills of materials potentially containing TCE, PCE, and cis-1, 2-DCE at three of these seven properties. At the remaining four properties, there are operations/ events that are indicative of potential past or present VOC use. In light of the collective data attained concerning these seven properties, these properties should be eliminated from any additional off-site soil vapor investigations.

#### **Background**

ARCADIS began the background information search by reviewing the results of the database search performed by EDR which included a summary of reported spills or releases at properties located within a one mile radius of the Site, historical Sanborn fire insurance maps, aerial photos, and available data from business directories, including city and telephone directories.

ARCADIS submitted a FOIL request letter to the NYSDEC Records Access Officer on February 27, 2009 seeking access to all NYSDEC records relating to environmental issues for select commercial/industrial properties located near the intersection of New South Road and Commerce Place (FOIL Request No. 09-0191). ARCADIS received the following letters in response:

- A March 9, 2009 letter from the NYSDEC Region 1 FOIL Coordinator of the Region One Headquarters in Stony Brook, New York acknowledging the receipt of the FOIL request and distribution of the request to the Region 1 staff.
- A March 19, 2009 letter from the NYSDEC Region 1 FOIL Coordinator indicating the information responsive to the FOIL request may be found on the NYSDEC's web-based Environmental Site Database (ESD).

Based on the response from the NYSDEC FOIL Coordinator and to supplement the EDR search, ARCADIS performed a review of the NYSDEC's ESD and performed a review of the USEPA's Envirofacts databases which include hazardous waste, toxic and air releases, Superfund sites, and water discharge permits.

As a follow-up to the FOIL request to the NYSDEC, ARCADIS also submitted a FOIL request to the Nassau County Fire Marshal's Office on May 1, 2009 requesting access to chemical and/or petroleum bulk storage records for properties surrounding the Site. Approval to review the Fire Marshal Office records was provided in an e-

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mail correspondence from the Fire Marshal to ARCADIS dated July 7, 2009. ARCADIS went to the Fire Marshal's office on August 20, 2010 and collected background information on properties with available records. Records collected from the Fire Marshal's office consisted of various petroleum-related (e.g., #2 fuel oil, diesel, gasoline) spills and tank closures for properties surrounding the Site.

In July 27, 2010 e-mail correspondence from ARCADIS to the NYSDEC, ARCADIS requested additional information on soil vapor and indoor air sampling performed at a property south of the site (the Finishing Inc. Dynamic Graphics [Dynamic Graphics] property). This request was made in response to findings from the initial review of available information. The NYSDEC responded to ARCADIS and provided the *Voluntary Investigation Cleanup Report* (Nelson, Pope, & Voorhis, LLC, May 2005) (the "VIC Report") for the property in e-mail correspondence dated July 28, 2010. In e-mail correspondence dated July 28, 2010, the NYSDOH also responded to ARCADIS indicating the information transferred to the database was incorrect and that no soil vapor or indoor air sampling was performed at the property.

Relevant correspondence referenced above are provided in Appendix A. Records pertaining to potential use/handling, generation, storage, or release(s) of VOCs at the properties south of the Site are included in Appendix B, organized by business name and then by source of the records (e.g., USEPA and NYSDEC). Historical aerial photos are included in Appendix C. ARCADIS' review of these records is summarized below, organized by current business occupying the property.

#### **Summary of Background Information**

Background information was collected on the following seven properties (listed in Table 1 and shown on Figure 1) located south of the Site (listed below from north to south):

- American Compressed Gases
- Capitol Warehouse Corporation
- Number One Textiles
- Westye Group East
- Dynamic Graphics

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- Matt-Conn Services Corp (Matt-Conn)
- Long Island Railroad (LIRR)

Background information was reviewed to identify building usage and potential generator use, storage, handling, transportation/disposal or spills of VOCs. The available records primarily pertain to Resource Conservation and Recovery Act (RCRA) inspections, historic spills, underground storage tank (UST) registrations and closures, aboveground storage tanks (ASTs), and hazardous waste manifests.

Findings of the background information search are summarized below, organized by current business name.

# American Compressed Gases (Formerly U.S. Gas Corp. Garbarb Industries, Inc., and Northern Realty)

This property is located at 309 New South Road and, according to property records on the Nassau County Department of Assessment (NCDA) website, is used as a storage, warehouse and distribution facility.

Based on the relevant information presented in the database search performed by EDR, there is evidence of two steel propane ASTs (one 30,000-gallon and one 6,100-gallon), one 3,000-gallon UST (unknown contents), and various small propane tanks on the property. Based on aerial photos of the Site, the 6,100-gallon AST has been removed. The remaining 30,000-gallon AST contains propane, and the UST is empty but appears to remain on the property based on a record identified in the EDR Report.

There were no records indicating current or previous use/handling, generation, storage, or release(s) of VOCs at this property. However, it is difficult to determine if the facility performs in-house maintenance on the tanks themselves and on the trucks used for their distribution of propane. Maintenance activities at this type of facility would typically involve the use of degreasers, painting products, and cleaning products potentially containing VOCs such as TCE, PCE, and cis-1, 2-DCE.

#### **Capitol Warehouse Corporation (Formerly Sid Harvey)**

This property is located at 317 New South Road and, according to property records on the NCDA website, is a heavy manufacturing factory complex.

Based on the relevant information presented in the database search performed by EDR and verified with a search of the web-based NYSDEC Region 1 ESD records, there is evidence of historic leaking USTs, spills, and potential solvent use on this property. Information presented in the EDR Report and verified by ESD records is summarized below.

- A NYSDEC Region 1 Spill Report exists for observations at the property on August 2, 1989. The report states that six 55-gallon drums sealed and marked "lacquer thinner" were observed on the property, but there was no evidence of a spill. The report also notes that the drums may belong to LIRR, but this was not confirmed.
- A NYSDEC Region 1 Spill Report indicates that on October 2, 1990, a citizen
  making a delivery to a local business witnessed the employee of a former tenant
  (Sid Harvey) dumping approximately 2 gallons of "unknown petroleum" into storm
  drain. An additional comment in the spill report also indicates the material was
  possibly a cleaning solvent. Based on the report, no field screening was
  performed to assess the presence of VOCs, and no samples were collected from
  the storm drain.
- A NYSDEC Region 1 Spill Report indicates that on February 13, 1995, while the
  building was occupied by Sid Harvey, a tank truck driver for Variety Petrol
  overfilled a tank at the property, spilling approximately 20 gallons #2 fuel oil. The
  NYSDEC description of the spill on the NYSDEC spill report was: "Driver making
  delivery spilled, applied Speedi Dri; there is a sheen in the storm drain".

The records suggest that there was inadequate housekeeping, hazard communication, maintenance, and/or standard operating procedures (SOPs) at the property that could have prevented spills during petroleum deliveries and prevented the mishandling of materials such as the possible "cleaning solvent". The records also provide evidence that there was potential solvent use at the property, which could contain VOCs such as the COIs related to the Site.

# Hicksville DPW (Suspected to formerly be at Capitol Warehouse Corporation Property)

Based on the information provided in the database search performed by EDR and in a hazardous waste shipment report provided by the NYSDEC in e-mail correspondence dated July 28, 2010, the Hicksville Department of Public Works (Hicksville DPW) historically shipped waste solvents from adjacent to the Site. However, no street address is provided in the available records for the Hicksville DPW's location. Both databases provided information indicating the wastes were shipped from the corner of New South Road and Morris Street. It has been assumed that the most likely property that the Hicksville DPW occupied would have been the Capitol Warehouse Corp. property due to its size and large overhead doors that would allow large vehicle access and equipment/material storage/staging. The only other commercial/industrial property at the corner of New South Road and Morris Street is American Compressed Gases. However, American Compressed Gases (used primarily for storing propane for distribution) was unlikely used by the Hicksville DPW because it is generally smaller, and has limited space for large vehicles and equipment/material storage. It was contemplated that the database listing may be for materials generated during roadway construction/maintenance work and was stored on the roadway right-of-way prior to offsite transportation and disposal. However, it is more likely that such materials would have been taken to a secure facility for temporary storage. Further information on the waste shipments by the Hicksville DPW is presented below.

The records (manifests) indicate a history of hazardous waste shipments between October 1989 and July 1992 for wastes with the following USEPA hazardous waste codes: (1) D001 (Non-Listed Ignitable Wastes); (2) D002 (Non-Listed Corrosive Wastes); and (3) F003 (Spent Non-Halogenated Solvents). The DPW was listed as a RCRA – Large Quantity Generator (LQG) in 1989 and 1992 for generating more than 1000 kilograms (kg) of hazardous waste per month. In 1990 and 1991, the DPW was listed as a RCRA – Conditionally Exempt Small Quantity Generator (CESQG) for generating 100 kg or less of hazardous waste per month.

The D001 and D002 waste codes are not necessarily associated with solvents. Waste code of F003 refers to the following spent non-halogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated

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solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. Definitions of the waste streams associated with waste codes F001, F002, F004, and F005 which contain or may contain spent halogenated solvents such as those found at the Site, are presented below:

- Waste Code F001 refers to the following spent halogenated solvents used in degreasing: PCE, TCE, methylene chloride, 1,1,1- trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
- Waste code of F002 refers to the following spent halogenated solvents: PCE, methylene chloride, TCE, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
- Waste code F004 refers to the following spent non-halogenated solvents: cresols
  and cresylic acid, and nitrobenzene; all spent solvent mixtures/blends containing,
  before use, a total of ten prevent or more (by volume) of one or more of the
  above non-halogenated solvents or those solvents listed in F001, F002, and
  F005; and still bottoms from the recovery of these spent solvents and spent
  solvent mixtures.
- Waste code F005 refers to the following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

Based on the definitions above, F003 wastes shipped from this property could potentially have contained TCE, PCE and/or cis-1, 2-DCE. D001 wastes shipped from this property (which exhibit the characteristic of ignitability and are known to create fires under certain conditions, are spontaneously combustible, or have a flash point less than 60°C [140°F]) could potentially have contained TCE and cis-1, 2-DCE as the cause of their flammability. Shipment of these waste streams also indicates the possible use/handling, storage, or release of TCE, PCE, and cis-1, 2-DCE at the property. Material Safety Data Sheets (MSDS) for TCE, PCE, and for cis-1, 2-DCE which provide basic chemical properties for each compound, are included in Attachment D.

#### **Number One Textiles (Formerly Century Collision)**

This property is located at 321 New South Road and, based on a telephone conversation with an NCDA assessor and a web-based search of the AT&T Yellow Pages, the property is used for a wholesale textile and fabric business. Based on the database search performed by EDR and the NCDA website, the property is used for commercial garage repairs, auto body, tire shops, and other related repairs. However, during the telephone conversation with the NCDA assessor, the assessor clarified that the property may currently be occupied by Number One Textile, but the NCDA database records have not been updated yet to reflect the change in property use.

Based on the relevant information presented in the database search performed by EDR, there is evidence of solvent use on this property. From 1989 to 2005, the property was occupied by Century Collision, Inc. (Century Collision) and records indicate hazardous waste manifests with F003 and F005 USEPA hazardous waste codes (refer to the discussion above for the Hicksville DPW for definitions of these waste codes). Century Collisions was listed as a CESQG. Shipment of F003 and F005 waste, as previously discussed for the Hicksville DPW, indicates the possible use/handling, storage, and/or release of TCE, PCE, and cis-1, 2-DCE at the property.

#### **Westye Group East**

This property is located at 70 Somerset Avenue. Based on Westye's website, the company is a wholesale distributer of kitchen appliances. The NCDA website describes the proper as being used for storage, warehousing, and distribution. Pictures of the facility and information provided on the NCDA website indicate the facility has multiple truck bay doors, and truck and train loading areas.

There were no records indicating current or previous use/handling, generation, storage, or release(s) of VOCs at this property. However, it is difficult to determine if the facility performs in-house maintenance on the trucks used for distribution activities. Maintenance activities at this type of facility would typically involve the use of degreasers, painting products, and cleaning products potentially containing VOCs such as TCE, PCE, and cis-1, 2-DCE. The property is located between the Capitol Warehouse Corporation, Number One Textiles, Dynamic Graphics, Matt-Conn, and LIRR properties, which all have historical petroleum or waste oil spills and/or evidence of solvent use.

# <u>Dynamic Graphics (Formerly Coral Graphics, Azzarone Construction Corp., and Voigt Realty)</u>

This property is located at 327 New South Road and, according to property records on NCDA website, is used for light manufacturing.

Based on the relevant information presented in the database search performed by EDR and in the VIC Report provided in e-mail correspondence from the NYSDEC dated July 28, 2010, there is evidence of historic leaking USTs and spills on the property.

While the property was occupied by Coral Graphics, Phase I and Phase II Remedial Investigations (RIs) performed in 2000 that indicated historical groundwater impacts in the vicinity of the former onsite sanitary system. The discovery of the groundwater contamination caused Coral Graphics to enter into a voluntary cleanup agreement (VCA) with the NYSDEC. A voluntary investigation was conducted in 2002 and 2003 and found sediment in the onsite drywells and sanitary leaching pools impacted with metals and semi-volatile organic compounds (SVOCs). During the investigation, an improperly abandoned 3,000-gallon #2 fuel oil UST containing approximately 8 inches of #2 fuel oil was discovered while installing a monitoring well. A NYSDEC Spill Record was issued in response to finding of product remaining in the UST. A voluntary interim remedial measure (IRM) was performed in conjunction with the investigations to remove the sediment in the drywells and leaching pools and remove the UST. The UST was removed from May 29 to June 4, 2003. During removal, there was no evidence of fuel oil leakage from the UST.

A NYSDEC Spill Record indicated that on August 8, 2004 a 1,200-gallon tank on the property had an equipment failure causing 50 gallons of #2 fuel oil to be released to an onsite drywell. The tank from which the spill was reported is most likely an AST

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that was installed on the east side of the building to replace the decommissioned UST. The drywell was pumped out using a vacuum truck.

The records suggest that there was inadequate housekeeping, maintenance, and/or SOPs at the property that could have prevented the improper closure of the UST and prevented spills during petroleum deliveries.

#### Matt-Conn (Formerly Francis A. Lee Company and Voigt Realty)

This property is located at 335 New South Road and, according to property records on the NCDA website, is used as a storage, warehouse, and distribution facility.

Based on the relevant information presented in the database search performed by EDR and verified by searching the web-based USEPA RCRAInfo database, there is evidence of former solvent use on this property now owned by Matt-Conn. Records indicate that on August 12, 2005, while the property was occupied by Francis A. Lee Company, two metal drums containing approximately 880 pounds of hazardous waste were shipped offsite under a hazardous waste manifest with a F005 USEPA hazardous waste code (refer to the discussion above for the Hicksville DPW for a definition of waste code F005). Francis A. Lee Co was classified as a LQG in 1994, a SQG in 2005, and a CESQG in 2006 and 2007. Shipment of F005 waste may indicate potential use/handling, storage, or release of TCE, PCE, and/or cis-1,2-DCE at the property.

The Francis A. Lee Co. business that formerly operated at the property has North American Industry Classification System (NAICS) code (the NAICS code identifies the activities of a facility) # 811121, indicating automotive body, paint, and interior repair and maintenance. Such facilities typically handle cleaning, paints, and other products some of which contain or formerly contained TCE, PCE, and/or cis-1,2-DCE.

The EDR records also indicate the current owner and occupant, Matt-Conn, performed closure activities on a 10,000-gallon #2 fuel oil UST due to the UST failing a tank test. The NYSDEC was onsite to observe the activities and visually observed that no soil was impacted. No further action was performed at the property related to this tank closure.

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#### Long Island Railroad

A NYSDEC Region 1 Spill Record indicates that on December 8, 1986, an unknown quantity of waste/used oil was spilled on the LIRR tracks at or near the New South Road crossing. The cause of the spill was noted as "deliberate" but did not specify the exact location. Waste/used oil is generally collected as the result of routine maintenance on engines and equipment. These maintenance activities commonly use degreasing and cleaning solvents with VOCs that would mix with the waste/used oil.

#### **Conclusions**

Based on the results of the background information search and FOIL records review, operations (past and/or present) conducted at three of the properties (i.e., Capitol Warehouse Corp., Number One Textiles, and Matt-Conn) located south of the Site clearly involved use/handling, generation, storage, or release(s) of materials containing VOCs. This use/handling, generation, storage, or release is evident based on waste manifest information. As indicated above, there were operations/events at four of the properties (American Compressed Gases, Westye Group, Dynamic Graphics, and LIRR) that are indicative of potential past or present VOC use. Currently, based on the information above, each of these properties south of the Site has been eliminated from consideration for soil vapor, indoor air, and sub-slab vapor sampling.

Concurrent with this background information search for properties south of the Site, Bayer is actively pursuing an access agreement with Simone Development (Simone) to prepare for indoor air and sub-slab sampling on Simone property located east of the Site. Prior to sampling at Simone property, a work plan will be prepared and provided to the NYSDEC summarizing findings of a preliminary building walk-through, product inventory, and building reconnaissance, and identifying proposed sampling locations.

Given the evidence of a waste oil spill in the LIRR ROW, the potential health and safety risks (active railroad) associated with performing sampling activities within the LIRR right-of-way (ROW), and the information provided for the properties of this background search, investigation on the LIRR ROW will not be performed.

A rationale and justification for the proposed actions is presented below.

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#### Recommendations

The nature of past and present operations conducted at the seven properties along with evidence of handling materials with VOCs and releases of VOCs at some of the properties indicate the potential for VOCs in indoor air or soil vapor at the properties that is unrelated to Bayer Hicksville operations. Solvent waste was transported from Capitol Warehouse (specifically the Hicksville DPW), Number One Textile, and Matt-Conn for offsite treatment/disposal Petroleum spills were documented for Capital Warehouse Corporation, Dynamic Graphics and LIRR. (Spills of petroleum may be indicative of improper housekeeping and waste management programs.) The remaining properties are either surrounded by or adjacent to properties with evidence of current or previous use/handling, storage, or spills/releases of VOCs, and the current or former operations at these remaining properties were commonly associated with activities that may have involved the use/handling, storage, or releases of VOCs or products containing VOCs. Additional information on the generation, use/handling, storage, or release of VOCs might be discovered if a reconnaissance was performed at each facility. However, in general, there is significant evidence of historical generation, use/handling, storage, and release of VOCs at the properties located south of the Site to warrant a recommendation that no offsite soil vapor investigation activities be conducted south of the Site in connection with the soil vapor intrusion investigation being performed for the Site.

Sincerely,

ARCADIS of New York, Inc.

John C. Brussel, PE Principal Engineer

John C. Brussel

Copies:

Ms. Katy Murphy, New York State Department of Environmental Conservation

Ms. Fay Navratil, New York State Department of Health

Ms. Renata Ockerby, New State Department of Health

Mr. Ramon Simon, Bayer Material Science LLC

Mr. Chintan Amin, Bayer MaterialScience LLC

Mr. Andrew Enigk, ARCADIS

Table 1

#### TABLE 1 BUSINESS/OWNERSHIP INFORMATION FOR PROPERTIES SOUTH OF THE SITE

#### **BACKGROUND INFORMATION SEARCH** BAYER MATERIAL SCIENCE LLC 125 NEW SOUTH ROAD HICKSVILLE, NEW YORK

Current Business Name	Tax Parcel Number	Street Address/Location	Land Description	Property Owner / Business Name		Proposed
				Current	Previous	Action
American Compressed Gases	46-242-18 & 46-242-17	309 New South Rd	Storage Warehouse and Distribution Facility	American Compressed Gases	Grabarb Industries, Inc. Northern Realty Co. U.S. Natural Gas Company	NFA
Capitol Warehouse Corporation	46-504-138	317 New South Rd	Heavy Manufacturing Factory Complex	Somerset Corporation	Sid Harvey Hicksville DPW	NFA
Number One Textiles	46-504-101 (grouped with Lot	321 New South Rd	Wholesale Textile and Fabric	KRW LLC	Century Collision, Inc.	NFA
Westye Group East	46-504-137	70 Somerset Ave	Storage Warehouse and Distribution Facility	AMES Corporation	Unknown	NFA
Finishing Inc. Dynamic Graphics	46-504-140	327 New South Rd	Light Manufacturing and Small Factory Buildings	FC Properties	Azzarone Const. Co., Voigt Realty Co. Inc Coral Graphics	NFA
Matt-Conn Services Corp.	46-504-139	335 New South Rd	Storage Warehouse and Distribution Facility	Matt-Conn Services Corp.	Azzarone Const. Co., Voigt Realty Co. Inc Francis A. Lee Company	NFA
Long Island Railroad		Crosses New South Road between Mineola Ave and Commerce Place	Railroad	Metropolitan Transportation Authority	Metropolitan Transportation Authority	NFA

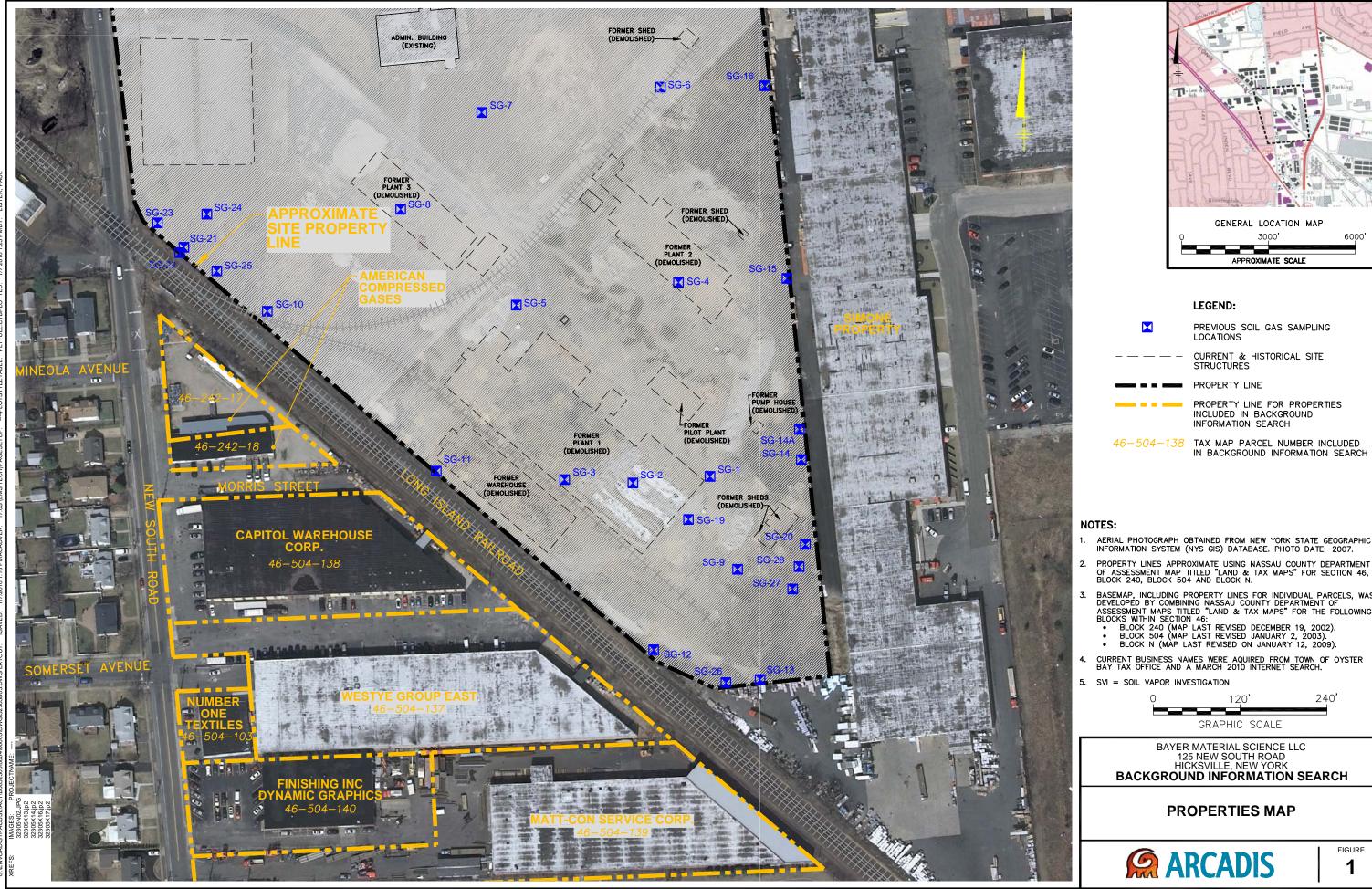
- Notes:

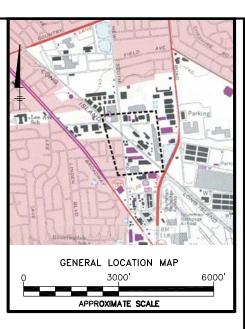
  1. Tax map parcel numbers and land description were obtained from the Nassau County Department of Assessment website:
- www.nassaucountyny.gov/mynassauproperty.

  2. Business names were acquired from Town of Oyster Bay Tax Office and a February 2009 internet search which was updated in March 2010.

  3. Current Property owners were identified from review of tax records during February 2009, at the Town of Oyster Bay Tax office.
- 4. Previous owner names/business were identified from "Property Record Cards" downloaded from the Nassau County Department of Assessment website in February 2009 and from an Environmental Data Resource (EDR) Radius Map<sup>TM</sup> Report with Geocheck® dated February 11, 2009.

**Figure** 





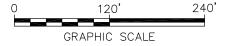
#### **LEGEND:**

PREVIOUS SOIL GAS SAMPLING LOCATIONS

CURRENT & HISTORICAL SITE STRUCTURES

PROPERTY LINE PROPERTY LINE FOR PROPERTIES INCLUDED IN BACKGROUND INFORMATION SEARCH

- AERIAL PHOTOGRAPH OBTAINED FROM NEW YORK STATE GEOGRAPHIC INFORMATION SYSTEM (NYS GIS) DATABASE. PHOTO DATE: 2007.
- PROPERTY LINES APPROXIMATE USING NASSAU COUNTY DEPARTMENT OF ASSESSMENT MAP TITLED "LAND & TAX MAPS" FOR SECTION 46, BLOCK 240, BLOCK 504 AND BLOCK N.
- BASEMAP, INCLUDING PROPERTY LINES FOR INDIVIDUAL PARCELS, WAS DEVELOPED BY COMBINING NASSAU COUNTY DEPARTMENT OF ASSESSMENT MAPS TITLED "LAND & TAX MAPS" FOR THE FOLLOWING BLOCKS WITHIN SECTION 46:
  - BLOCK 240 (MAP LAST REVISED DECEMBER 19, 2002). BLOCK 504 (MAP LAST REVISED JANUARY 2, 2003). BLOCK N (MAP LAST REVISED ON JANUARY 12, 2009).
- CURRENT BUSINESS NAMES WERE AQUIRED FROM TOWN OF OYSTER BAY TAX OFFICE AND A MARCH 2010 INTERNET SEARCH.
- 5. SVI = SOIL VAPOR INVESTIGATION



BAYER MATERIAL SCIENCE LLC 125 NEW SOUTH ROAD HICKSVILLE, NEW YORK **BACKGROUND INFORMATION SEARCH** 

**PROPERTIES MAP** 



FIGURE