NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

BROWNFIELD CLEANUP PROGRAM (BCP)

ECL ARTICLE 27 / TITLE 14

DEPARTMENT USE ONLY
BCP SITE #:

07/2010

Section I. Requestor Information

NAME Bristol-Myers Squibb Company

ADDRESS 345 Park Avenue

CITY/TOWN New York, NY ZIP CODE 10154

PHONE N/A | FAX N/A | E-MAIL N/A

Is the requestor authorized to conduct business in New York State (NYS)? SEE EXHIBIT I ☑ Yes ☐ No

-If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the NYS Department of State's Corporation & Business Entity Database. A print-out of entity information from the database must be submitted to DEC with the application, to document that the applicant is authorized to do business in NYS.

NAME OF REQUESTOR'S REPRESENTATIVE **Nancy A. Rurkowski, Executive Director & General Manager, Syracuse Technical Operations**

ADDRESS 6000 Thompson Road

CITY/TOWN East Syracuse, NY ZIP CODE 13221

PHONE 315-432-2379 | FAX 315-432-4741 | E-MAIL nancy.rurkowski@bms.com

NAME OF REQUESTOR'S CONSULTANT O'Brien & Gere Engineers; Attn: Douglas M. Crawford, PE

ADDRESS 333 W. Washington Street

CITY/TOWN Syracuse, NY ZIP CODE 13202

PHONE 315-956-6100 | FAX 315-463-7554 | E-MAIL doug.crawford@obg.com

NAME OF REQUESTOR'S ATTORNEY Bond, Schoeneck & King, PLLC; Attn: Robert S. McLaughlin

ADDRESS One Lincoln Center

CITY/TOWN Syracuse, NY ZIP CODE 13202

PHONE 315-218-8179 | FAX 315-218-8100 | E-MAIL rmclaughlin@bsk.com

THE REQUESTOR MUST CERTIFY THAT HE/SHE IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL 27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:

☑ PARTICIPANT
A requestor who either 1) was the owner of the site at the time of the disposal of hazardous waste or discharge of petroleum or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

☐ VOLUNTEER
A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

NOTE: By checking this box, the requestor certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; and iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste.

Requestor Relationship to Property (check one):

☐ Previous Owner ☑ Current Owner ☐ Potential /Future Purchaser ☐ Other_____

If requestor is not the site owner, requestor will have access to the property throughout the BCP project. ☐ Yes ☐ No
-Proof of site access must be submitted for non-owners

Section II. Property Information

Check here if this application is to request significant changes to property set forth in an existing BCA: ☐

Existing BCP site number: _____

PROPERTY NAME BMS Syracuse North Campus Restoration Area

ADDRESS/LOCATION 6000 Thompson Road CITY/TOWN East Syracuse, NY ZIP CODE 13221

MUNICIPALITY(IF MORE THAN ONE, LIST ALL):
Village of East Syracuse

COUNTY Onondaga County SITE SIZE (ACRES) 23.807

LATITUDE (degrees/minutes/seconds) 43 ° 03 ' 57 " LONGITUDE (degrees/minutes/seconds) 76 ° 05 ' 15 "

HORIZONTAL COLLECTION METHOD: ☐ SURVEY ☐ GPS ☑ MAP HORIZONTAL REFERENCE DATUM: NAD 83

COMPLETE TAX MAP INFORMATION FOR ALL TAX PARCELS INCLUDED WITHIN THE PROPERTY BOUNDARIES. ATTACH REQUIRED MAPS PER THE APPLICATION INSTRUCTIONS.

Parcel Address	Parcel No.	Section No.	Block No.	Lot No.	Acreage
6000 Thompson Road, East Syracuse, NY (partial)		011	01	01.0	42.77
(Tax Parcel: 011.-01-01.0)					

1. Do the property boundaries correspond to tax map metes and bounds? ☐ Yes ☑ No
   If no, please attach a metes and bounds description of the property.
2. Is the required property map attached to the application? (application will not be processed without map) ☑ Yes ☐ No
3. Is the property part of a designated En-zone pursuant to Tax Law § 21(b)(6)? ☐ Yes ☑ No
   For more information please see Empire State Development's website.
   If yes, identify area (name) _____
   Percentage of property in En-zone (check one): ☑ 0-49% ☐ 50-99% ☐ 100%
4. Is this application one of multiple applications for a large development project, where the development project spans more than 25 acres (see additional criteria in BCP application instructions)? If yes, identify name of properties in related BCP applications: _____ ☐ Yes ☑ No

5. Property Description Narrative:
   The property is the part of the original Bristol-Myers' facility that was involved in antibiotic manufacturing dating from the 1940s. Historically, manufacturing on the property used significant quantities of solvents, and impacts from release of solvents remains on-site. Because Bristol-Myers Squibb Company (BMS), the corporate successor to Bristol-Myers, has now permanently discontinued production of penicillin antibiotics, and the buildings on the property cannot be used for other production, they are idle. Potential environmental contamination complicates reuse.

6. List of Existing Easements (type here or attach information)

Easement Holder	Description
See Exhibit II-6	

7. List of Permits issued by the NYSDEC or USEPA Relating to the Proposed Site (type here or attach information)

Type	Issuing Agency	Description
See Exhibit II-7		

If any changes to Section II are required prior to application approval, a new page, initialed by each requestor, must be submitted.

Initials of each Requestor: _____ _____ _____ _____ _____ _____

Section III. Current Property Owner/Operator Information

OWNER'S NAME Bristol-Myers Squibb Company

ADDRESS 345 Park Avenue

CITY/TOWN New York, NY ZIP CODE 10154

PHONE N/A | FAX N/A | E-MAIL N/A

OPERATOR'S NAME E.R. Squibb & Sons, LLC

ADDRESS 345 Park Avenue

CITY/TOWN New York, NY ZIP CODE 10154

PHONE N/A | FAX N/A | E-MAIL N/A

Section IV. Requestor Eligibility Information (Please refer to ECL § 27-1407)

If answering "yes" to any of the following questions, please provide an explanation as an attachment.

1. Are any enforcement actions pending against the requestor regarding this site? ☐ Yes ☑ No
2. Is the requestor subject to an existing order relating to contamination at the site? ☐ Yes ☑ No
3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? ☐ Yes ☑ No
4. Has the requestor been determined to have violated any provision of ECL Article 27? See Exhibit IV-4 ☑ Yes ☐ No
5. Has the requestor previously been denied entry to the BCP? ☐ Yes ☑ No
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving contaminants? ☐ Yes ☑ No
7. Has the requestor been convicted of a criminal offense that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration? See Exhibit IV-7 ☑ Yes ☐ No
8. Has the requestor knowingly falsified or concealed material facts or knowingly submitted or made use of a false statement in a matter before the Department? ☐ Yes ☑ No
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.8(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application? ☐ Yes ☑ No

Section V. Property Eligibility Information (Please refer to ECL § 27-1405)

1. Is the property, or was any portion of the property, listed on the National Priorities List? ☐ Yes ☑ No
   If yes, please provide relevant information as an attachment.
2. Is the property, or was any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites? ☐ Yes ☑ No
   If yes, please provide: Site # SEE EXHIBIT V-2 Class # _____
3. Is the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility? ☐ Yes ☑ No
   If yes, please provide: Permit type:_____ EPA ID Number:_____
   Date permit issued:_____ Permit expiration date:_____
4. Is the property subject to a cleanup order under navigation law Article 12 or ECL Article 17 Title 10? ☐ Yes ☑ No
   If yes, please provide: Order #_____
5. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum? ☐ Yes ☑ No
   If yes, please provide explanation as an attachment.

Section VI. Project Description

What stage is the project starting at? ☑ Investigation ☐ Remediation

Please attach a description of the project which includes the following components:

- Purpose and scope of the project
- Estimated project schedule

SEE EXHIBIT VI

Section VII. Property's Environmental History

To the extent that existing information/studies/reports are available to the requestor, please attach the following:

1. **Environmental Reports** See Exhibit VII-1

A Phase I environmental site assessment report prepared in accordance with ASTM E 1527 (American Society for Testing and Materials: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process), and all environmental reports related to contaminants on or emanating from the site.

If a final investigation report is included, indicate whether it meets the requirements of ECL Article 27-1415(2): ☐Yes ☐No

2. SAMPLING DATA: INDICATE KNOWN CONTAMINANTS AND THE MEDIA WHICH ARE KNOWN TO HAVE BEEN AFFECTED. LABORATORY REPORTS SHOULD BE REFERENCED AND COPIES INCLUDED. SEE EXHIBIT VII-2/3

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum					
Chlorinated Solvents	X	X			X
Other VOCs	X	X			
SVOCs	X	X			
Metals					
Pesticides					
PCBs					
Other*		X			

*Please describe: Alcohols, ammonia, molybdenum, phenol, phosphorus, and sulfates

3. SUSPECTED CONTAMINANTS: INDICATE SUSPECTED CONTAMINANTS AND THE MEDIA WHICH MAY HAVE BEEN AFFECTED. PROVIDE BASIS FOR ANSWER AS AN ATTACHMENT. SEE EXHIBIT VII-2/3

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum					
Chlorinated Solvents	X	X			X
Other VOCs	X	X			X
SVOCs	X	X			
Metals					
Pesticides					
PCBs					
Other*	X	X			

*Please describe: Alcohols, ammonia, molybdenum, phenol, phosphorus, and sulfates

4. INDICATE KNOWN OR SUSPECTED SOURCES OF CONTAMINANTS (CHECK ALL THAT APPLY). PROVIDE BASIS FOR ANSWER AS AN ATTACHMENT.

☑Above Ground Pipeline or Tank ☐Lagoons or Ponds ☑Underground Pipeline or Tank ☑Surface Spill or Discharge
☑Routine Industrial Operations ☐Dumping or Burial of Wastes ☐Septic tank/lateral field ☐Adjacent Property
☑Drums or Storage Containers ☑Seepage Pit or Dry Well ☐Foundry Sand ☐Electroplating
☐Coal Gas Manufacture ☐Industrial Accident ☐Unknown
Other: _____

5. INDICATE PAST LAND USES (CHECK ALL THAT APPLY):

☐Coal Gas Manufacturing ☑Manufacturing ☐Agricultural Co-op ☐Dry Cleaner ☐Salvage Yard ☐Bulk Plant
☐Pipeline ☐Service Station ☐Landfill ☐Tannery ☐Electroplating ☐Unknown
Other: Administration/Research and Development/Warehousing

6. PROVIDE A LIST OF PREVIOUS PROPERTY OWNERS AND OPERATORS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS AS AN ATTACHMENT. DESCRIBE REQUESTOR'S RELATIONSHIP, IF ANY, TO EACH PREVIOUS OWNER AND OPERATOR. IF NO RELATIONSHIP, PUT "NONE". SEE EXHIBIT VII-6

Section VIII. Contact List Information

Please attach, at a minimum, the names and addresses of the following:

1. The chief executive officer and planning board chairperson of each county, city, town and village in which the property is located.
2. Residents, owners, and occupants of the property and properties adjacent to the property.
3. Local news media from which the community typically obtains information.
4. The public water supplier which services the area in which the property is located.
5. Any person who has requested to be placed on the contact list.
6. The administrator of any school or day care facility located on or near the property.
7. The location of a document repository for the project (e.g., local library). In addition, attach a copy of a letter sent to the repository acknowledging that it agrees to act as the document repository for the property.

See Exhibit VIII

Section IX. Land Use Factors (Please refer to ECL § 27-1415(3))

1. Current Use: ☐Residential ☐Commercial ☑Industrial ☐Vacant ☐Recreational (check all that apply)
Provide summary of business operations as an attachment. **See Exhibit IX-1**

2. Intended Use Post Remediation: ☐Unrestricted ☐Residential ☑Commercial ☑Industrial (check all that apply)
Provide specifics as an attachment. **See Exhibit IX-2**

3. Do current historical and/or recent development patterns support the proposed use? (See #14 below re: discussion of area land uses)	☑Yes ☐No
4. Is the proposed use consistent with applicable zoning laws/maps?	☑Yes ☐No
5. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, designated Brownfield Opportunity Area plans, other adopted land use plans?	☑Yes ☐No
6. Are there any Environmental Justice Concerns? (See §27-1415(3)(p)).	☐Yes ☑No
7. Are there any federal or state land use designations relating to this site?	☐Yes ☑No
8. Do the population growth patterns and projections support the proposed use?	☑Yes ☐No
9. Is the property accessible to existing infrastructure?	☑Yes ☐No
10. Are there important cultural resources, including federal or state historic or heritage sites or Native American religious sites within ½ mile?	☐Yes ☑No
11. Are there important federal, state or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species within ½ mile? **See Exhibit IX-11**	☑Yes ☐No
12. Are there floodplains within ½ mile? **See Exhibit IX-12**	☑Yes ☐No
13. Are there any institutional controls currently applicable to the property?	☐Yes ☑No

14. Describe the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas in an attachment. **See Exhibit IX-14**

15. Describe the potential vulnerability of groundwater to contamination that might migrate from the property, including proximity to wellhead protection and groundwater recharge areas in an attachment. **See Exhibit IX-15**

16. Describe the geography and geology of the site in an attachment. **See Exhibit IX-16**

Section X. Statement of Certification and Signatures

(By requestor who is an individual)

If this application is approved, I acknowledge and agree to the general terms and conditions set forth in DER-32 *Brownfield Cleanup Program Applications and Agreements* and to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter. I also agree that in the event of a conflict between the general terms and conditions of participation set forth in DER-32 and the terms contained in a site-specific BCA, the terms in the BCA shall control. I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: _____ Signature: _____ Print Name: _____

(By an requestor other than an individual)

I hereby affirm that I am Vice President, Asst. Gen. Asst. Sec. (title) of Bristol-Myers Squibb Company (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction. If this application is approved, I acknowledge and agree to the general terms and conditions set forth in DER-32 *Brownfield Cleanup Program Applications and Agreements* and to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter. I also agree that in the event of a conflict between the general terms and conditions of participation set forth in DER-32 and the terms contained in a site-specific BCA, the terms in the BCA shall control. I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date: 7/13/2011 Signature: _____ Print Name: Katherine R. Kelly

SUBMITTAL INFORMATION:

Three (3) complete copies are required.

- Two (2) copies, one paper copy with original signatures and one electronic copy in Portable Document Format (PDF) on a CD, must be sent to:

  Chief, Site Control Section
  New York State Department of Environmental Conservation
  Division of Environmental Remediation
  625 Broadway
  Albany, NY 12233-7020

- **One (1)** paper copy must be sent to the DEC regional contact in the regional office covering the county in which the site is located. Please check our website for the address of our regional offices.

FOR DEPARTMENT USE ONLY

BCP SITE T&A CODE: _____ **LEAD OFFICE:** _____

Exhibits, Figures and References

Brownfield Cleanup Program Application
BMS Syracuse North Campus Restoration Project

Exhibits

Figures

Figure I	Tax Map/Village of East Syracuse—Section 11
Figure IIa	Brownfield Area Location presented on extract from USGS Syracuse East Quadrangle (1978)
Figure III	Brownfield Boundary on Facility Map
Figure IV	Potential Areas of Concern on Brownfield
Figure V	Locations with the Highest Sample Result Inside the BCP Boundary
Figure VI	Surrounding Land Use

References

Reference A	Arcadis, 2010; Sub-Surface Assessment and Perimeter Well Monitoring Summary, Bristol-Myers Squibb Co. Thompson Road Facility, East Syracuse, New York; September 20, 2010.
Reference B	Arcadis 2011a; Perimeter and Temporary Well Groundwater Monitoring Summary, October 2010, Bristol-Myers Squibb Co. Thompson Road Facility, East Syracuse, New York; February 15, 2011.
Reference C	Arcadis 2011b; Soil Vapor Screening Results, Bristol-Myers Squibb Co. Thompson Road Facility, East Syracuse, New York; February 15, 2011.
Reference D	Parsons ES, 1994. Site Contamination Study Report, Thompson Road Facility, Syracuse, New York, November 1994.
Reference E	Parsons ES, 1995, Site Investigation and Remediation Study Report, Thompson Road Facility, Syracuse, New York, October 1995.
Reference F	Parsons ES, 1997; Closure Report for the Vacuum Extraction System, Thompson Road Facility, Bristol-Myers Squibb Co., Syracuse, New York, June 1997.
Reference G	O'Brien & Gere, 1994. Project Summary Report - Storm Sewer Contaminant Source Investigation. Bristol-Myers Squibb Company, Thompson Road Facility, Syracuse, New York, January 1994.
Reference H	Title Abstract for Village of East Syracuse Tax Parcel 011.-01.0
Reference I	Letter of J Richard Pooler to East Syracuse Free Library acknowledging the Library's agreement to serve as the document repository.

Exhibit I

Printout from NYS Department of State's Corporations & Business Entity Database for Bristol-Myers Squibb Company

NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through June 24, 2011.

Selected Entity Name: BRISTOL-MYERS SQUIBB COMPANY

Selected Entity Status Information

Current Entity Name: BRISTOL-MYERS SQUIBB COMPANY
Initial DOS Filing Date: MARCH 10, 1936
County: NEW YORK
Jurisdiction: DELAWARE
Entity Type: FOREIGN BUSINESS CORPORATION
Current Entity Status: ACTIVE

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)
C/O CT CORPORATION SYSTEM
111 8TH AVE
NEW YORK, NEW YORK, 10011

Chairman or Chief Executive Officer
JAMES CORNELIUS
345 PARK AVENUE
NEW YORK, NEW YORK, 10154

Principal Executive Office
BRISTOL-MYERS SQUIBB COMPANY
345 PARK AVE
NEW YORK, NEW YORK, 10154

Registered Agent
C T CORPORATION SYSTEM
111 EIGHTH AVENUE
NEW YORK, NEW YORK, 10011

This office does not record information regarding the names and addresses of officers, shareholders or directors of nonprofessional corporations except the chief executive officer, if provided, which would be listed above. Professional corporations must include the name(s) and address(es) of the initial officers,

directors, and shareholders in the initial certificate of incorporation, however this information is not recorded and only available by viewing the certificate.

***Stock Information**

# of Shares	Type of Stock	$ Value per Share
No Information Available		

*Stock information is applicable to domestic business corporations.

Name History

Filing Date	Name Type	Entity Name
JUN 21, 1990	Actual	BRISTOL-MYERS SQUIBB COMPANY
MAR 10, 1936	Actual	BRISTOL-MYERS COMPANY

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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Exhibit II-1

Metes and Bounds Description

ALL THAT TRACT OR PARCEL OF LAND, situate in the Village of East Syracuse, County of Onondaga and State of New York, being part of former Lot 41 in the Town of Dewitt and being more particularly described as follows:

Beginning at a point in the easterly line of Thompson Road at its intersection with a northerly Corporation Line of the Village of East Syracuse, being also a southerly boundary line of the Town of Dewitt;

running thence North 73°E-05'-40" East along said northerly Corporation Line of the Village of East Syracuse a distance of 547.13 feet to a point;

thence through the lands of Bristol-Myers Squibb within the Village of East Syracuse the following thirteen (13) courses and distances:

1) South 16°E-54'-20" East a distance of 114.94 feet;
2) South 70°E-44'-24" East a distance of 104.30 feet;
3) South 18°E-50'-45" East a distance of 272.22 feet;
4) South 55°E-58'-55" East a distance of 282.21 feet;
5) South 34°E-01'-05" West a distance of 58.28 feet;
6) South 03°E-44'-15" East a distance of 242.64 feet;
7) North 81°E-30'-50" East a distance of 114.48 feet;
8) South 04°E-40'-12" East a distance of 166.57 feet;
9) North 86°E-20'-55" East a distance of 293.26 feet;
10) South 03°E-38'-25" East a distance of 70.16 feet;
11) North 86°E-09'-04" East a distance of 49.82 feet;
12) South 03°E-42'-11" East a distance of 131.35 feet;
13) South 01°E-51'-31" West a distance of 210.94 feet to a point in a southerly Corporation Line of Village of East Syracuse, being a northerly boundary line of the Town of Dewitt;

thence South 79°E-57'-08" West along said southerly Corporation Line of Village of East Syracuse a distance of 722.07 feet to a point in the easterly line of Thompson Road,

thence northerly along the easterly line of Thompson Road the following three (3) courses and distances:

1) North 31°E-51'-10" West a distance of 248.00 feet;
2) North 29°E-51'-30" West a distance of 914.00 feet;
3) North 21°E-27'-10" West a distance of 379.20 feet to the point of beginning.

Containing 23.807± acres of land.

Exhibit II-6

List of Existing Easements

The current easements that apply to the area within the proposed Brownfield boundary are:

Easement Holder	Description
People of the State of New York	Appropriation of Property for a permanent easement for Traffic Control Equipment dated Dec. 16, 1975 and recorded Dec. 16, 1975 in the Onondaga County Clerk's Office in Liber 2570 of Deeds, page 552.
Niagara Mohawk Power Corporation	Right of Way and Easement for gas pipeline with rights of access dated February 26, 1993 and recorded March 16, 1993 in the Onondaga County Clerk's Office in Liber 3832 of Deeds, page 176.

Exhibit II-7

List of Permits Issued by NYSDEC or USEPA Relating to the Proposed Brownfield Area

The following permits/registrations apply to the proposed Brownfield area:

Type	Issuing Agency	Description
State Pollution Discharge Elimination System (SPDES) Permit (for storm water system discharges)	NYSDEC	NY 023 3251 DEC ID No. 7-3126-00016-00151
Air Title V Facility Permit	NYSDEC	Permit; ID: 7-3126-00016/00263
NYS Chemical Bulk Storage Registration	NYSDEC	ID 7-000087
NYS Petroleum Bulk Storage Registration	NYSDEC	ID: 7-263087

There are no current USEPA permits.

Exhibit IV-4

Has the requestor been determined to have violated any provision of ECL Article 27?

Over the years, the BMS Syracuse facility has been inspected by NYSDEC on several occasions regarding hazardous waste management and compliance. While no compliance issues were noted in the most recent NYSDEC inspection on April 9, 2010, previous inspections identified some compliance deficiencies that BMS promptly corrected.

Bristol-Myers Squibb Company has not otherwise been determined to violate any provision of ECL Article 27. Specifically, Bristol-Myers Squibb Company has never been determined in violation any requirement related to the Brownfield Program under Title 14 of Article 27 of the ECL.

Exhibit IV-7

Has the requestor ever been convicted of a criminal offense that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration?

On June 11, 2007, Bristol-Myers Squibb Company resolved the investigation by the Antitrust Division of the U.S. Department of Justice (DOJ) into the proposed settlement of the PLAVIX® patent litigation by pleading guilty to two counts of violating 18 U.S.C. Sec. 1001 (relating to false statements to a government agency) (the 2007 Plea Agreement) and paid a fine of $1 million. As part of the 2007 Plea Agreement, the Company acknowledged that a former Company senior executive made oral representations to Apotex for the purpose of causing Apotex to conclude that the Company would not launch an authorized generic in the event that the parties reached a final revised settlement agreement. Those representations included the former senior executive's statement that he expected to oppose personally the launch of an authorized generic in the future, his statement that he expected to advocate against such a launch, and his implied suggestion that the Company's former Chief Executive Officer (CEO) shared his views.

The failure to disclose this information to the FTC in connection with the FTC's review of the Modified Agreement operated as incomplete, and therefore false statements, to the FTC. The Company acknowledged its responsibility for the conduct of the former senior executive. Subject to a continuing duty of cooperation with the government, entry of the 2007 Plea Agreement, and payment of the fine resolved the underlying allegations.

Exhibit V-2

Property Eligibility Information

Is the property, or was any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites?

No area within the Brownfield boundary is on the NYS Registry of Inactive Hazardous Waste Disposal Sites. However, a 1.5 acre portion of the 42.77 acre tax parcel on which the Brownfield is located is a Class 3 registry site identified as the Bristol Labs Site (Site ID No. 734001).

Exhibit VI

Description of the Project

Purpose and Scope of Project

Currently, many buildings at the BMS Syracuse facility that formerly were involved in manufacture of penicillin and other antibiotic products are idle. These buildings cannot be used for other production without expensive and difficult decontamination. Because of the age of the buildings, decontamination and reuse is not warranted.

The presence of these "penicillin" buildings onsite requires BMS to rigidly enforce a strict penicillin control plan to assure that there is no cross contamination with non-penicillin products. In addition, heating and maintenance of these idle buildings requires significant energy expenditures.

The Syracuse Facilities Transformation Project has been developed to remove idle buildings and equipment, demolish the vacant obsolete manufacturing buildings and transform the Syracuse Site into a "penicillin-free" pharmaceutical facility. Site preparation has begun, and actual demolition is expected to begin in the fourth quarter of 2011 and conclude in 2012.

The Brownfield area has been defined by the area of the Transformation Project, and configured to allow the Brownfield to be a viable stand-alone parcel in the future. Following completion of the current phase of the Transformation Project, six major "non-pen" buildings will remain in use, and the remainder of the area will be transformed to an attractive "park like" campus to enhance the continuing operating facility.

The BMS Syracuse North Campus Restoration Area project is intended to ensure that all environmental issues will be appropriately addressed in the Transformation Project Area, and that the Brownfield area will be available for future commercial or industrial development.

Estimated Schedule

The demolition phase of the project will begin this year and is expected to be completed next year.

Although some sampling may occur in 2011, the Remedial Investigation is expected to be conducted during 2012. Following approval of the Remedial Investigation, a Remedial Action Work Plan, if needed, will be implemented beginning in late 2012 or 2013.

Exhibit VII-1

Environmental Studies

The boundary of the Brownfield Area is provided on Figure III. The Brownfield Area boundary generally conforms to the planned Transformation Project Area footprint for the BMS property. The Brownfield Area includes the area formerly associated with the production of penicillin and other related products from the 1940's through approximately 2007.

Background

Pharmaceutical manufacturing activities conducted at the BMS site included fermentation, extraction, splitting, finished bulk and finished product operations. The major bulk items produced at the site included Potassium Penicillin V, Cephalosporin, 7-aminocephalosporanic acid (7-ACA) , 6-aminopenicillanic acid (6-APA), Kanamycin and Amikacin. Major solvents, reagents, or heat transfer fluids used at the facility included:

- Acetone
- Acetonitrile
- Ammonia (Anhydrous Ammonia, Ammonium Hydroxide, Ammonium Sulfate)
- Amyl Acetate
- Acetic Acid
- tert-Butanol
- N-Butyl Acetate
- N-Butyl Alcohol (Butanol)
- Dichloromethane (Methylene Chloride)
- Dicyclohexylamine (DCHA)
- N,N-Dimethylaniline (DMA)
- Dimethyldichlorosilane (DDS)
- Ethyl Acetate
- Ethylene Glycol
- Hexamethyldisilane (HMDS)
- Hexamethyldisiloxane (HMDSO)
- Hydrochloric Acid
- Isobutanol
- Isobutylchloroformate (ICBF)
- Isopropyl Alcohol (IPA)
- Methyl Acetate
- Methyl Alcohol (Methanol)
- Methyl Ethyl Ketone (MEK)
- Methyl Isobutyl Ketone (MIBK)
- Phenoxyacetic Acid (POAC)
- Phosphoric Acid
- Phosphorus Pentachloride (PCLS)
- Polypropylene Glycol
- Potassium Acetate

- Potassium Hydroxide
- Sodium Hydroxide
- Sodium Hypochlorite
- Sodium Phenoxy Acetate
- Sulfuric Acid
- Syltherm
- Toluene

Historic Studies

A number of investigations have been completed on the BMS property since the late 1980's and continued into 2011. These investigations included efforts associated with storage tank closures, as well as evaluation of the on-site process sewer lines, and the sources of contamination in discharges from the site's storm sewers. Two documents were prepared and submitted to NYSDEC in 1994 and 1995 which provide a comprehensive summary of the activities completed through August 1995. One document, entitled *Site Contamination Study Report, Thompson Road Facility, Syracuse, New York*, dated November 1994 prepared by Engineering-Science (SCS Report) and the second document entitled *Site Investigation and Remediation Study Report, Thompson Road Facility, Syracuse, New York* dated October 1995 was prepared by Parsons Engineering Science (SIRS Report). Copies of these reports are attached to this application for reference.

The 1994 SCS Report included a summary of previous evaluations associated with the evaluation of the source of contamination found to be present in the storm sewer system. It also addressed the upgrade and closure of the following tank farms:

- Chapa Tank Farm Closure
- Upper Main Tank Farm Upgrade
- Lower Main Tank Farm Closure

This report also discussed activities involving the identification and evaluations of the following areas of concern that are located within the Brownfield boundary. These areas are shown on the attached Figure IV.

Sanitary Sewer System - Sanitary sewer lines and manholes in several areas within the Brownfield boundary were found to be deteriorated during an evaluation completed in 1993, and these sewer lines and manholes were rehabilitated in 1995.

Buildings 1 and 4 – These areas were the earliest buildings used for the production of penicillin and cephalosporin involving the use of solvents as discussed above. In addition, several above ground and underground storage tanks were located in the vicinity of Building 4.

Buildings 9 and 24 – Building 9 was used for the extraction and splitting process associated with the production of penicillin and non-penicillin antibiotics. Building 24 was used for chemical development. Both areas involved the extensive use of solvents.

ST Tank Farm – This is the location of 6 storage tanks contained within a concrete vault. A deteriorated sewer line was found on the east side and a former tanker truck unloading area was located nearby.

Former Drum Storage Areas 1 and 2 – These areas were used for the drum storage of raw materials between approximately 1947 and 1960. The drums were stored on the ground without secondary containment.

Chapa Tank Farm – Subsequent to the detection of methylene chloride in the groundwater, at a concentration of 13,200,000 µg/L in monitoring well CH-2T, during the UST closure site assessment, BMS installed a dual phase extraction system in this area. Initially operated for a 7-month period as a Pilot Test between August 1991 and March 1992, operations continued until November 1995, removing an estimated 1,250 lbs of methylene chloride from the subsurface. Further information pertaining to this system can be found in the document entitled *Closure Report of the Vacuum Extraction System, Thompson Road Facility,* dated June 1997 by Parsons Engineering Science, which is included as an attachment to this application.

The 1995 SIRS Report summarized additional activities completed as follow-up to the preliminary information generated during the 1994 SCS Report evaluations.

In addition to the investigations discussed above, several additional evaluations were completed at two areas within the Brownfield boundary between 2010 and 2011. These evaluations were focused on the Chapa tank farm and the 4/5/8 Alleyway areas. These investigations were completed by Arcadis and included the following:

4/5/8 Alleyway - Evaluation of this area originally began as part of the Building 4 evaluation. The area was eventually renamed to the 4/5/8 Alleyway. Four new monitoring wells were installed in the Building 4/5/8 Alleyway area in June 2010 to assess groundwater quality. Methylene chloride was detected in groundwater at 15 µg/L in two samples collected in June 2010. Other samples collected in this area were non-detect.

Chapa Tank Farm - Six new monitoring wells were installed in the Chapa Tank Farm area in June 2010, and a soil vapor sampling program was completed in December, 2010. Methylene chloride was detected in groundwater at concentrations generally consistent with the levels measured in the mid-1990s following decommissioning of the vacuum extraction system.

More detailed discussions regarding these evaluations are provided in the Arcadis reports Arcadis, 2010, 2011a, and 2011b), which are attached as references to this application.

As part of the activities associated with development of this application, O'Brien & Gere reviewed the historic documents and facility files. As a result of this review, four additional Potential Areas of Concern (PAOCs) were identified as areas where solvents and other process-related materials were handled as part of the penicillin-manufacturing operations. These areas include the buildings where production took place as well as associated material storage and handling operations:

- Building 25
- Solvent Recovery
- VE Tank Farm
- Building 56/62

References

Arcadis, 2010; Sub-Surface Assessment and Perimeter Well Monitoring Summary, Bristol-Myers Squibb Co. Thompson Road Facility, East Syracuse, New York; September 20, 2010. (Reference A)

Arcadis 2011a; Perimeter and Temporary Well Groundwater Monitoring Summary, October 2010, Bristol-Myers Squibb Co. Thompson Road Facility, East Syracuse, New York; February 15, 2011. (Reference B)

Arcadis 2011b; Soil Vapor Screening Results, Bristol-Myers Squibb Co. Thompson Road Facility, East Syracuse, New York; February 15, 2011. (Reference C)

Parsons ES, 1994. Site Contamination Study Report, Thompson Road Facility, Syracuse, New York. Prepared by Parsons Engineering Science, Inc., November 1994. (Reference D)

Parsons ES,.1995, Site Investigation and Remediation Study Report, Thompson Road Facility, Syracuse, New York; prepared by Parsons Engineering Science; October 1995. (Reference E)

Exhibit VII-2/3

Summary of Sampling Data and Suspected Contaminants

Summary of Constituents Identified in the Brownfield Area

Soil

Past sampling in the Brownfield area has detected the contaminants in the following table in soil samples[1]. For each contaminant, the maximum concentration detected, the sample location and date are indicated together with the reference to the document where the data are presented.

Parameter	Concentration	Units	Medium	Sample Location	Sample Date	Reference
1,1-Dichloroethane	0.031	mg/kg	Soil	AW-2	5/21/2010	Arcadis, 2010
1,2,4-Trimethylbenzene	0.68	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010
1,2-Dichlorobenzene	0.044	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010
1,3,5-Trimethylbenzene	0.035	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010
2-Butanone (MEK)	0.018	mg/kg	Soil	AW-4	5/25/2010	Arcadis, 2010
4-Methyl-2-pentanone (MIBK)	12	mg/kg	Soil	AW-4	5/25/2010	Arcadis, 2010
Acetone	1.1	mg/kg	Soil	AW-4	5/25/2010	Arcadis, 2010
Carbon Disulfide	0.0088	mg/kg	Soil	AW-2	5/21/2010	Arcadis, 2010
Cyclohexane	0.066	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010
Ethylbenzene	0.014	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010
Isopropylbenzene	1.8	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010
Methylcyclohexane	0.73	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010
Methylene Chloride	9.5	mg/kg	Soil	CHP-43	5/18/2010	Arcadis, 2010
Naphthalene	95	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010
o-Xylene	0.025	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010
p-Isopropyltoluene	2.7	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010
Styrene	0.0025	mg/kg	Soil	AW-2	5/21/2010	Arcadis, 2010
Toluene	0.022	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010
Xylenes (total)	0.025	mg/kg	Soil	AW-3	5/21/2010	Arcadis, 2010

Groundwater

Past sampling in the Brownfield area has detected the contaminants in the following table in groundwater samples[2]. For each contaminant, the maximum concentration detected, the sample location and date are indicated together with the reference to the document where the data are presented.

Parameter	Concentration	Units	Medium	Sample Location	Sample Date	Reference
4-Methyl-2-pentanone (MIBK)	19,000	ug/L	Water	GP51	6/8/1995	Parsons ES, 1995
Acetone	1,500	ug/L	Water	GP50	6/6/1995	Parsons ES, 1995
Ammonia, Nitrogen	129,000	ug/L	Water	GP11	5/24/1995	Parsons ES, 1995
Dicyclohexylamine	1,600	ug/L	Water	GP57	6/7/1995	Parsons ES, 1995
Isopropyl alcohol	1,100	ug/L	Water	GP36	6/1/1995	Parsons ES, 1995
Methylene Chloride	610,000	ug/L	Water	CH-10T	4/1996	Parsons ES, 1997
Molybdenum	6,130	ug/L	Water	GP09	5/26/1995	Parsons ES, 1995
Molybdenum (field filtered)	70	ug/L	Water	PW-5T	10/15/1993	O'Brien & Gere, 1994
Phenol	3,700	ug/L	Water	GP36	6/1/1995	Parsons ES, 1995
Sulfate	7,850,000	ug/L	Water	GP52	6/14/1995	Parsons ES, 1995

[1] *The pre-remediation soil data from the Chapa area are not included on this table because they are not representative of current site conditions.*

[2] *The groundwater analytical results for methylene chloride at location GP-52/RE-GP52 could not be replicated, and, therefore, they are not included in the summary table. In addition, pre-remediation groundwater data from the Chapa Tank Farm area were not utilized because they are not representative of current site conditions.*

Parameter	Concentration	Units	Medium	Sample Location	Sample Date	Reference
Tert-Butanol	9,200	ug/L	Water	GP06	5/25/1995	Parsons ES, 1995
Toluene	8	ug/L	Water	GP10	5/24/1995	Parsons ES, 1995
Total Phenols	30	ug/L	Water	MW4-2	5/15/1996	2090730091927
Total Phosphorus	25,300	ug/L	Water	GP56	6/4/1995	Parsons ES, 1995

Soil Gas

Soil gas sampling has been conducted in the Brownfield area for methylene chloride. The following table indicates the maximum concentration, the sample location and date together with the reference to the document where the data are presented.

Parameter	Concentration	Units	Medium	Sample Location	Sample Date	Reference
Methylene Chloride	4,100	ug/m3	Air	VP-15	12/20/2010	Arcadis, 2011b

Suspected Contaminants

Because of the extensive monitoring that has occurred in the Brownfield area, it is believed that all likely contaminants have already been identified. However, some of the contaminants detected in only one or two media, may be present in the others. In addition, because only methylene chloride has been monitored in soil vapor, other VOCs may be present in soil vapor.

References

Arcadis, 2010; Sub-Surface Assessment and Perimeter Well Monitoring Summary, Bristol-Myers Squibb Co. Thompson Road Facility, East Syracuse, New York; September 20, 2010. (Reference A)

O'Brien & Gere, 1994. Project Summary Report - Storm Sewer Contaminant Source Investigation. Bristol-Myers Squibb Company, Thompson Road Facility, Syracuse, New York, January 1994. (Reference G)

Arcadis 2011b; Soil Vapor Screening Results, Bristol-Myers Squibb Co. Thompson Road Facility, East Syracuse, New York; February 15, 2011. (Reference C)

Parsons ES, 1995, Site Investigation and Remediation Study Report, Thompson Road Facility, Syracuse, New York; prepared by Parsons Engineering Science; October 1995. (Reference E)

Parsons ES, 1997; Closure Report for the Vacuum Extraction System, Thompson Road Facility, Bristol-Myers Squibb Co., Syracuse, New York, June 1997. (Reference F)

EXHIBIT VII-6

List of Previous Property Owners

Bristol Laboratories, Inc. (originally named Cheplin Biological Laboratories, Inc. and then Cheplin Laboratories, Inc.) initially acquired the property proposed to be included in the Brownfield area. The current tax parcel on which the proposed Brownfield is located was assembled from multiple smaller parcels acquired during the period from 1945 to 1957. Prior to that time, these parcels had been owned by different individuals and entities. Bristol Laboratories, Inc. was merged into Bristol-Myers Company in 1959. Bristol-Myers Company was merged into Bristol-Myers Squibb Company in 1990. A title abstract for the tax parcel on which the Brownfield is proposed is attached as Reference H, and identifies all landowners since the 1870s.

Exhibit VIII

Site Contact List Information

The following Site Contact List has been developed for the proposed site:

Radio Stations	
WAER 88.3	795 Ostrom Avenue Syracuse, NY 13244-4610 (315) 443-2148
WRVO 89.9	7060 State Route 104 Oswego, NY 13126 (315) 312-3174
WSEN 92.1	8456 Smokey Hollow Road Baldwinsville, NY 315-635-3971
WNTQ 93.1	1064 James Street Syracuse, NY 13203 (315) 472-0200
WYYY/Clear Channel 94.5	Bridgewater Place 500 Plum Street, Suite 100 Syracuse, NY 13204 (315) 421-9494
WAQX 95.7	1064 James Street Syracuse, NY 13203 (315) 472-0200
WPHR Power 106.9	500 Plum Street Syracuse, NY 13204 (315) 428-1069
WSYR 570 am	500 Plum Street Syracuse, NY 13204 (315) 421-9797
WBBS B104.7	500 Plum Street Syracuse, NY 13204 (315) 448-1047
WWHT 107.9	500 Plum Street, Suite 100 Syracuse, NY 13204 (315) 421-1079

WOLF 1490 am	401 W. Kirkpatrick Street Syracuse, NY 13204 (315) 472-0222
WCNY-FM	506 Old Liverpool Road P.O. Box 2400 Syracuse, NY 13220-2400 (315) 453-2424
Television Stations	
WSTM – 3	1030 James Street Syracuse, NY 13203 (315) 474-5000
WTVH – 5	980 James Street Syracuse, NY 13203-2503 (315) 425-5555
WSYR – 9	5904 Bridge Street East Syracuse, NY 13057 (315) 446-9999
WCNY – 24	506 Old Liverpool Road P.O. Box 2400 Syracuse, NY 13220-2400 (315) 453-2424
WNYS – 43	1000 James Street Syracuse, NY 13203 (315) 472-6800
WNYI – 52	Daystar Television Network P.O. Box 610546 Dallas, TX 75161-0546 (800) 329-0029
WSPX – 56	6508 Basile Rowe East Syracuse, NY 13057 (315) 414-0178
WSYT – 68	1000 James Street Syracuse, NY 13202 (315) 472-6800

YNN-10	Time Warner News station 815 Erie Boulevard, East Syracuse, NY 13210 (315) 234-1000
Newspapers	
Syracuse Post Standard	Clinton Square P.O. Box 4915 Syracuse, NY 13221 (315) 470-2169
Syracuse New Times	1415 W. Genesee Street Syracuse, NY 13204-2156 (315) 422-7011
Eagle Newspapers – weeklies (The Advocate, The Eagle)	Daniel Lovell Managing Editor dlovell@cnylink.com 2501 James Street Syracuse, NY 13206
Local Government Contacts	
Village of East Syracuse Mayor: Danny J. Liedka Planning Board Chair: Ronald Gustafson	Village of East Syracuse 204 Center Street East Syracuse, NY 13057 (315) 437-2150
Town of Dewitt Supervisor: Edward Michalenko Planning Board Chair: Michael J. Lazar	Town of Dewitt 5400 Butternut Drive East Syracuse, NY 13057 (315) 446-3190
Onondaga County: County Executive: Joanne M. Mahoney Planning Board Chair: Helen L. Stevens	John H. Mulroy Civic Center 421 Montgomery Street Syracuse, NY 13202
Document Repository	
East Syracuse Free Library (A copy of the acknowledgement letter with the library agreeing to serve as the document repository is included as Reference I.)	4990 James Street Syracuse, NY 13057-2200 (315) 437-4841 (Laurie Rachetta; Director)

Public Water Supplier:	
Onondaga County Water Authority	200 Northern Concourse P.O. Box 9 Syracuse, NY 13211-0009
Adjacent Property Contacts:	
CSX Parcels	CSX Tax Dept. 500 Water Street, Dept. C910 Jacksonville, FL 32202
418-426 Broad StreetCorp.	418-426 Broad Street Utica, NY 13501-1205
Theresa N. Adiano	215 Conklin Street Syracuse, NY 13206
Nicholas J. Anderalli	621 Manlius Street East Syracuse, NY 13057-2119
Dorothy W. Anderson	269 Boston Street Syracuse, NY 13206
Clifford F Andrews.	1948 Caleb Avenue Syracuse, NY 13206
Robert R. Andrews	727 Manlius Street East Syracuse, NY 13057-2148
John M. Angiolillo	1939 Caleb Avenue Syracuse, NY 13206
Apollo Management LLC	103 Horton Place East Syracuse, NY 13057
Rita M. Arns	213 Boston Street Syracuse, NY 13206
George J. Azzolino	110 Bennett Street East Syracuse, NY 13057
William P. Barber	233 Boston Street Syracuse, NY 13206
Basile Family Ltd. Partner	300 1st Street East Syracuse, NY 13057-2927

Jessica Battelle	261 Boston Street Syracuse, NY 13206
Charles F. Beck	404 Melrose Avenue Syracuse, NY 13206
Michael L. Beller	132 Boston Street Syracuse, NY 13206
William J. Betelak	265 Boston Street Syracuse, NY 13206
Michael G. Bianchi	261 Norwood Avenue Syracuse, NY 13206
Bill Rapp Pontiac Inc.	3449 Burnet Avenue Syracuse, NY 13206
John J. Bock	625 1/2 Manlius Street East Syracuse, NY 13057
Bowl Mor LLC	600 Manlius Street East Syracuse, NY 13057
Brad's Extra Inc.	9377 Lakeshore View Drive Bridgeport, NY 13030-9609
Roxlyn L. Bristol	255 Mosley Drive Syracuse, NY 13206-2336
Nancy A. Brooks	143 Burns Avenue Syracuse, NY 13206
Shannan K. Buff	1951 Caleb Avenue Syracuse, NY 13206
Dean K. Caldarelli	248 Malverne Drive Syracuse, NY 13208
Steven K. Campbell	131 Burns Avenue Syracuse, NY 13206
Joseph Cannizzo	Attn: C Music Corp. 122 Tilden Drive East Syracuse, NY 13057-1628
Toby Carleton	1671 17th Street Brooklyn, NY 11229

Michelle E. Case	205 Conklin Street Syracuse, NY 13206
Robert J. Chamberlain	502 Manlius Street East Syracuse, NY 13057-2336
Jennifer A. Chartier	127 Burns Avenue Syracuse, NY 13206-2531
Cherokee Hill LLC	750 Manlius Street Kensington, CT 6037
City Of Syracuse Td	201 Conklin Street & Glencove Syracuse, NY 13206
Clearwood Custom	617 Manlius Street East Syracuse, NY 13057-2119
Club One Property LLC	181 Emerson Lane Mountain View, CA 94043
David Corbett	130 Burns Avenue Syracuse, NY 13206
Current Resident	108 Conklin Avenue Syracuse, NY 13206
Parania Danyluk	224 Boston Street Syracuse, NY 13206
Tamara G. Davis	1931 Caleb Avenue Syracuse, NY 13206
Tina Derose	1956 Caleb Avenue Syracuse, NY 13206
David Deuel	245 Boston Street Syracuse, NY 13206
Chrystal M. Diedrich	1808 Northcliff Road Syracuse, NY 13206
Barbara M. Drake	4071 Sweet Gum Ln Liverpool, NY 13090
William Ducar	Gerald Martin 9408 Hawkeye Drive Brewerton, NY 13029

Emgott Inc.	Attn: Maynard Gottschalk 115 Burns Avenue Syracuse, NY 13206
Gary R. Farley	147 Burns Avenue Syracuse, NY 13206
Melissa A. Farrar	708 Manlius Street East Syracuse, NY 13057-2122
Robert Featherly	7474 Bull Road Bridgeport, NY 13030-8419
Paul M. Forgette	204 Boston Street Syracuse, NY 13206
Jesse Freeman	237 Boston Street Syracuse, NY 13206
Joseph Galtieri	151 Burns Avenue Syracuse, NY 13206
Robert F.Galuski	104 Worth Street East Syracuse, NY 13057-2138
Stanley L. Gauris	159 Burns Avenue Syracuse, NY 13206-2531
David J. Getek	228 Conklin Street Syracuse, NY 13206
Robert V. Giannuzzi	112 -16 Boston Street Syracuse, NY 13206
Kevin Gillooly	120 Conklin Avenue Syracuse, NY 13206
Joseph Golembiewski	124 Conklin Street Syracuse, NY 13206
Goodman Living Trust	460 Gilbert Mills Road Phoenix, NY 13135-2159
Greeley Group Capital LLC	200 Salina Street Liverpool, NY 13088
Rosalind Grenier	1932 Caleb Avenue Syracuse, NY 13206

Frank J. Grosso	114 Burns Avenue Syracuse, NY 13206-2530
Britishteen Hamlet	257 Boston Street Syracuse, NY 13206
Elaine M. Hatch	128 Conklin Avenue Syracuse, NY 13206
Nancy A. Heigle-Searle	102 James Street Syracuse, NY 13206
Steven C. Henry	611 Manlius Street East Syracuse, NY 13057-2119
Dennis H. Hile,	741 Manlius Street East Syracuse, NY 13057-2163
Dennis J. Hile	747 Manlius Street East Syracuse, NY 13057-2163
Deborah J. Horan	1715 Northcliffe Road Syracuse, NY 13206
Eleanor A. Horner	208 Boston Street Syracuse, NY 13206
James R. Hurder	204 Conklin Street Syracuse, NY 13206
Peter Ianotta	140 Boston Street Syracuse, NY 13206
IC Technologies Inc.	613 Manlius Street East Syracuse, NY 13057
Laura J. Ilacqua	1935 Caleb Avenue Syracuse, NY 13206
Andrew Iovannisci	220 Boston Street Syracuse, NY 13206
Theodore O. Jackson	Florence S Trust 717 Manlius Street East Syracuse, NY 13057-2121
Maryann Jevis	217 Boston Street Syracuse, NY 13206

Debby Jones	618 Manlius Street East Syracuse, NY 13057-2155
Doran G. Jones	3716 James Street Syracuse, NY 13206-2536
Kathleen A. Kalfass	253 Boston Street Syracuse, NY 13206
Paul C. King	155 Burns Avenue Syracuse, NY 13206
Kay W. Koschnick	237 Boston Street Syracuse, NY 13206
Local Union No 624	UAW Building Corp. 712 Manlius Street East Syracuse, NY 13057-2158
Gina M. Lorenzo	238 Conklin Avenue Syracuse, NY 13206
George N. Lostumbo	4405 James Street East Syracuse, NY 13057-2111
Jeffrey D. Mahoney	206 Conklin Street Syracuse, NY 13206
Louis J. Maresca	4235 James Street East Syracuse, NY 13057-2179
Yurily Markarov	116 Conklin Street Syracuse, NY 13206
George H. Mayorga	225 Boston Street Syracuse, NY 13206
David Mazzoli	216 East Avenue East Syracuse, NY 13057
Linda A. Mcnally	205 Burns Avenue Syracuse, NY 13206
Edward M. Michalenko	203 Sherwood Drive Syracuse, NY 13214-1508
Francisco G. Miguel	135 Burns Avenue Syracuse, NY 13206

Deborah W. Mills	610 W Yates Street East Syracuse, NY 13057-2144
Larry Mitchel	1927 Caleb Avenue Syracuse, NY 13206
Morse Mfg Co Inc.	727 Manlius Street East Syracuse, NY 13057-2148
Ray Mortz	104 Conklin Street Rear Syracuse, NY 13206
National Grid	Real Estate Tax Dept. 300 Erie Blvd. Syracuse, NY 13202-4201
Tam Nguyen	1960 Caleb Avenue Syracuse, NY 13206
Michael Nicotra	1942 Caleb Avenue Syracuse, NY 13206
Ellen G. O'Donnell	731 Manlius Street East Syracuse, NY 13057-2148
Cynthia Ortiz	112 Conklin Street Syracuse, NY 13206
Dominick J. Paone	228 Boston Street Syracuse, NY 13206
Rosina Paone	229 Boston Street Syracuse, NY 13206
Gary D. Parker	4403 Oak Orchard Road Clay, NY 13041
James Payne	104 James Street Syracuse, NY 13206-2539
Carmen Pepe	105 Henrietta Street East Syracuse, NY 13057-2237
Cathy A. Picciano	123 Burns Avenue Syracuse, NY 13206-2531
Mark R. Poissant	146 Hampton Road Syracuse, NY 13203

John C. Randall	232 Boston Street Syracuse, NY 13206
Marvin D. Ransom	126 Burns Avenue Syracuse, NY 13206
Raven Helicopter Rentals	549 Hickok Avenue Syracuse, NY 13206
Sarah Reardon	273 Boston Street & Glencove Syracuse, NY 13206
Robert J. Reinhardt	120 Boston Street Syracuse, NY 13206
Terrence M. Reiter	1714 Northcliffe Rd & Boston St. Syracuse, NY 13206
Gregory A. Rinaldi	P.O. Box 411 Fayetteville NY 13066
Amy Roberts	118 Burns Avenue Syracuse, NY 13206-2530
Starr E. Rudolph	301 Boston Street Syracuse, NY 13203
Jonathan Sandgarten	101 Horton Pl. East Syracuse, NY 13057
John L. Scarsi	3717 Coleman Hill Road Jamesville, NY 13078-9317
Nicholas Schiavone	379 Ashdale Avenue Syracuse, NY 13206
Steven Schiavone	Attn: Philp Chiavone 379 Ashdale Avenue Syracuse, NY 13206
Peter N. Sciortino	209 Conklin Street Syracuse, NY 13206
Selflock Screw	114 Marcy Street East Syracuse, NY 13057-2143
John E. Semak	1936 Caleb Avenue Syracuse, NY 13206

Clark J. Shaugnessy	1301 Huntington Ct. East Greenbush, NY 12061
Glen W. Shoop	236 Boston Street Syracuse, NY 13206
Greg Skurpski	104 Henrietta Street East Syracuse, NY 13057
Jeffrey Slesarik	13259 Wimberly Sq. San Diego, CA 92128
Leslie Smalls	139 Burns Avenue Syracuse, NY 13206
Norman St Denis	249 Boston Street Syracuse, NY 13206
George J. St Phillips	1964 Caleb Avenue Syracuse, NY 13206
Jerry J. Stanton	201 Burns Ave & Northcliffe Syracuse, NY 13206
Eva Surace	221 Conklin Street Syracuse, NY 13206
Syracuse Children's Theatre	203 Revere Road DeWitt, NY 13214
Michael Thomas	403 Buford Avenue Landis, NC 28088
TLC Properties Inc.	745 Genesee Street Syracuse, NY 13204
Jennifer L. Town	122 Burns Avenue Syracuse, NY 13206-2530
Bonnie J. Trieb	14 Lyndale Ct. East Syracuse, NY 13057-1620
Joseph R. Tripoli	6486 Kirkville Road, N. Kirkville, NY 13082
Anthony J. Tucci	6029 Chetwind Drive Cicero, NY 13039

Mark D. Tugaw	101 Miles Avenue Fayetteville, NY 13066
Frank Usiatynski	607 Manlius Street East Syracuse, NY 13057-2119
Richard H. Valentine	202 Conklin Street Syracuse, NY 13206
Voumard Associates L P	221 Boston Street Syracuse, NY 13206
Kevin M. Wall	218 Boston Street Syracuse, NY 13206
Wegmans James Street	4256 James Street East Syracuse, NY 13057
Nicole Wentworth	1968 Caleb Avenue Syracuse, NY 13206
Walter Williams	229 Conklin Street Syracuse, NY 13206-
Barbara J. Wychules	1800 Northcliffe Rd & Boston Street Syracuse, NY 13206
Lester J. York	144 Boston St & Northcliffe Syracuse, NY 13206
Current Occupant	4257 James Street East Syracuse, NY 13057
Curent Occupant	721 Manlius Street East Syracuse, NY 13057
Current Occupant	601 ½ Manlius Street East Syracuse, NY 13057
Current Occupant	4277 James Street East Syracuse, NY 13057
Current Occupant	1621 Glencove Rd. & Conklin Avenue Syracuse, NY 13206
Current Occupant	1947 Caleb Avenue Syracuse, NY 13206

Current Occupant	508 Manlius Street East Syracuse, NY 13057
Current Occupant	205 James Street Syracuse, NY 13202
Current Occupant	224 Conklin Avenue Syracuse, NY 13206
Current Occupant	1620 Glencove Rd. & Conklin Street Syracuse, NY 13206
Current Occupant	625 Manlius Street East Syracuse, NY 13057
Current Occupant	214 James Street Syracuse, NY 13202
Current Occupant	108 Conklin Avenue Syracuse, NY 13206
Current Occupant	136 Boston Street Syracuse, NY 13206
Current Occupant	706 Manlius Street East Syracuse, NY 13057
Current Occupant	234 Thompson Road Syacuse, NY 13206
Current Occupant	624 Manlius Street East Syracuse, NY 13057
Current Occupant	209 James Street Syracuse, NY 13202
Current Occupant	704 Manlius Street East Syracuse, NY 13057
Current Occupant	623 Manlius Street East Syracuse, NY 13057
Current Occupant	128 Boston Street Syracuse, NY 13206
Current Occupant	622 Manlius Street East Syracuse, NY 13057

Current Occupant	201 James Street Syracuse, NY 13202
Current Occupant	4223 James Street East Syracuse, NY 13057
Current Occupant	212 Boston Street Syracuse, NY 13206
Current Occupant	1960 Caleb Avenue Rear Syracuse, NY 13206
Current Occupant	416 Thompson Road Rear Syracuse, NY 13206
Current Occupant	1943 Caleb Avenue Syracuse, NY 13206
Current Occupant	709 Manlius Street East Syracuse, NY 13057
Current Occupant	626 Manlius Street East Syracuse, NY 13057
Current Occupant	700 Manlius Street East Syracuse, NY 13057
Current Occupant	216 Conklin Avenue Syracuse, NY 13206
Current Occupant	618 Manlius Street East Syracuse, NY 13206
Current Occupant	4289 James Street East Syracuse, NY 13057
Current Occupant	4401 James Street East Syracuse, NY 13057
Current Occupant	241 Boston Street Syracuse, NY 13206
Current Occupant	620 Manlius Street East Syracuse, NY 13057
Additional Parties:	

Exhibit IX-1

Current Use

Most of the buildings and structures in the Brownfield area have been historically used for antibiotic manufacturing, pharmaceutical research and development, warehousing, and support functions. Most of these operations have now been discontinued, although some warehousing and support functions remain. In addition, Building 22/22A, which is also in the Brownfield area, has always contained administrative offices and support functions, and these activities are planned to continue.

Exhibit IX-2

Intended Post Remediation Use

Following completion of the Transformation and Restoration Projects, the remaining buildings on the Brownfield will be used for administrative offices and support functions. Roadway and utilities will support the remainder of the facility. The area will be landscaped to provide a park-like setting for the operating facility. The Brownfield area will be available for future commercial or industrial development following receipt of a Certificate of Completion.

Exhibit IX-11

Are important federal, state or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species within ½ mile?

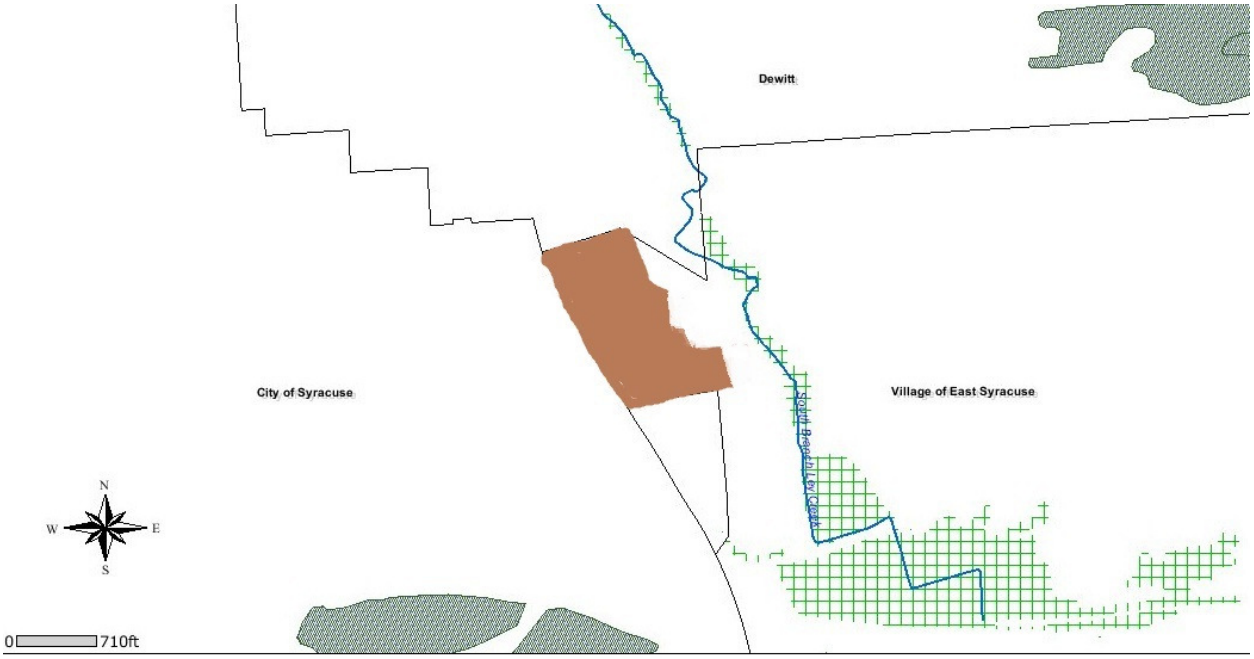
Within ½ mile of the proposed Brownfield area, the following are located:

Waterways:	South Branch of Ley Creek Headson's Brook
Wildlife Refuge:	None
Wetlands:	Wetlands of limited extent border the South Branch of Ley Creek, and larger wetlands are located on other private and public property within a ½ mile of the proposed site. The map in Exhibit IX-12 shows the location of larger wetland areas within ½ mile of the border of the proposed Brownfield.
Critical Habitats:	None

Exhibit IX-12

Are there flood plains within ½ mile?

Flood plains along the South Branch of Ley Creek are within ½ mile of the proposed site. A map of the site and flood plains for the vicinity taken from the Onondaga County GIS website (http://www.maphost.com/syracuse-onondaga/) is shown below.



Map Key

BMS Brownfield (approximate) = Solid Brown
Floodplains = Crosshatch Green
Wetlands = Darker Green

Exhibit IX-14

Describe the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational issues.

Except for the Thompson Road boundary, all property adjacent to the Brownfield is owned by Bristol-Myers Squibb Company. Figure VI, Land Use, presents the current land use for properties within a ½ mile of the proposed Brownfield, which is more fully described in the remainder of this exhibit.

From the north, proceeding clockwise from Thompson Road, beyond the adjacent BMS property, the next adjacent landowner is CSX Corporation (CSX) which holds title to the railroad right-of-way, and beyond CSX's property, is a Wegmans supermarket, and then James Street. Land use on the other side of James Street is primarily commercial and light industrial.

The CSX right-of-way continues along the northeast boundary of the BMS property. Beyond the CSX right-of-way, proceeding further to the east, there are a series of light industrial and commercial facilities and some residences located on the west side of West Manlius Street in the Village of East Syracuse. On the east side of West Manlius Street, there is a mix of commercial and residential properties. Proceeding toward the southeast along this BMS property line, the non-Brownfield BMS property provides a progressively wider buffer with non-BMS adjacent properties.

To the south, beyond a substantial buffer of non-Brownfield BMS property, Bristol-Myers Squibb's main campus facility is bounded by Burnet Avenue. Beyond Burnet Avenue, there are light industrial and commercial facilities, as well as additional BMS property, including the wastewater pretreatment plant. Beyond that is the I-690 corridor.

To the west, the Site is bounded by Thompson Road. Beyond Thompson Road is a residential neighborhood. None of the residential properties face on Thompson Road. South of the residential neighborhood on the corner of Burnet Avenue and Thompson Road is an automobile dealership/body shop.

Exhibit IX-15

Describe the potential vulnerability of groundwater to contamination that might migrate from the property, including proximity to wellhead protection and groundwater recharge areas.

The BMS Brownfield Area is located within the Village of East Syracuse and the Town of DeWitt, NY. The area is generally urban and the property is surrounded by properties that vary in usage from commercial and light industrial to residential.

The Village of East Syracuse and the Town of DeWitt obtain water from the Onondaga County Water Authority (OCWA). There are no known public or private groundwater supplies in the area in which the Brownfield Area is located, and no wellhead protection areas.

As discussed in Exhibit IX-16 of this application, two water bearing units are present in the Brownfield Area: (1) fill/glacio-lacustrine and (2) glacial till. These units are generally low permeability deposits, and groundwater recharge is limited. Groundwater levels measured by Arcadis at existing wells on June 18, 2010 indicate that groundwater flow in the shallow fill/glacio-lacustrine and the deeper till units is to the northeast towards Ley Creek (Arcadis, 2010). The groundwater contours reported by Arcadis in 2010 are similar to those previously described in the *Site Contamination Study Report* (Parsons ES, 1994).

Groundwater modeling was completed by Parsons Engineering Science in 1997 (Parsons ES; 1997) to evaluate the potential extent of migration of methylene chloride from the Chapa Tank Farm area, which is located within the Brownfield Area. Based on the modeling, it was estimated that the methylene chloride plume could migrate no more than 150 ft from the source in 200 years, and would remain within the boundaries of the proposed Brownfield.

A perimeter monitoring well network is present at the downgradient side of the BMS property which is approximately 200 ft to 300 ft downgradient of the Brownfield Area. These wells are placed within both of the water bearing units. Analysis of groundwater samples consistently did not detect site-related constituents at concentrations above groundwater standards indicating that constituents are not migrating offsite.

References

Arcadis, 2010; Sub-Surface Assessment and Perimeter Well Monitoring Summary, Bristol-Myers Squibb Co. Thompson Road Facility, East Syracuse, New York; September 20, 2010. (Reference A)

Parsons ES, 1994. Site Contamination Study Report, Thompson Road Facility, Syracuse, New York, November 1994. (Reference D)

Parsons ES, 1997; Closure Report for the Vacuum Extraction System, Thompson Road Facility, Bristol-Myers Squibb Co., Syracuse, June 1997. (Reference F)

www.ocwa.org

Exhibit IX-16

Describe the geography and geology of the site.

TOPOGRAPHY

The Brownfield Area is located on the eastern flank of the Eastwood hills. The ground surface slopes to the east from a maximum elevation of about 480 feet above sea level at the northwest end of the Brownfield Area to approximately 415 feet above sea level along the South Branch of Ley Creek. The ground surface in the Brownfield Area has a slope of approximately 6 percent. The natural slope has been terraced to accommodate the construction of buildings and roads.

GEOLOGY AND HYDROGEOLOGY

The geology and hydrogeology of the Brownfield Area as described in the *Site Investigation and Remediation Study Report* (Parsons ES, 1995) are summarized below.

Regional Setting

The Brownfield Area is located within the Erie-Ontario Plain physiographic province near the Onondaga Limestone Escarpment and the border of the Allegheny Plateau physiographic province to the south. The area is characterized by a lake-plain topography with scattered low hills or ridges of till. The elevation rises abruptly several hundred feet at the escarpment south of Syracuse (Parsons ES, 1995).

The stratigraphy of this region is characterized by glacial and postglacial sediments overlying Silurian age bedrock. The glacial deposits in the vicinity of the Brownfield Area consist of till overlain by glacio-lacustrine silts and clays. Thick deposits of till were formed beneath the ice sheets. As the ice sheets melted and retreated to the north, rivers and lakes were formed. Alternating layers of silts and clays were deposited in the deep glacial lakes. Meltwaters from the Onondaga trough drained eastwards toward the Butternut Valley. The Brownfield Area is located in the vicinity of this ancient meltwater channel (Parsons ES, 1995).

Bedrock in the vicinity of the Brownfield Area consists of the Upper Silurian Salina Group. The Salina Group consists of three formations, the Syracuse Formation, the Camillus Formation, and the Bertie Formation. The Syracuse Formation consists of interbedded shales, argillaceous dolomite, and evaporites, and varies in thickness from 140 to 200 feet. The Camillus Formation consists primarily of olive green dolomitic shale and ranges in thickness from 160 to 190 feet (Parsons ES, 1995).

Groundwater occurs in the glacial deposits and the bedrock. The silt and clay, and till deposits are typically characterized as poor aquifers. Average yields range from 0.1 to 0.5 gallons per minute in the silt and clay deposits to 0.1 to 2 gallons per minute in the till. Yields from the Salina Group bedrock range from 1 to 245 gallons per minute, with an average flow of 20 gallons per minute (Parsons ES, 1995).

Groundwater within a three-mile radius of the Brownfield Area is not used as a source of potable water ((Parsons ES, 1995).

Surface Water Hydrology

The Brownfield Area is located in the Eastern Oswego River drainage basin which discharges into Lake Ontario. Surface waters from the Brownfield Area flow into Headson's Brook and the South Branch of Ley Creek. The South Branch of Ley Creek joins the North Branch of Ley Creek approximately 1.5 miles northwest of the Brownfield Area. Ley Creek then flows westward into Onondaga Lake. Several wetland areas are located adjacent to Ley Creek. Ley Creek is classified as a Class C surface water body (6 NYCRR). Class C surface water bodies are designated suitable for fishing and fish propagation.

Brownfield Area Geology

Five stratigraphic units are present within or proximate to the BMS Brownfield Area. Listed from the surface downward, they are: (1) fill, (2) marsh deposits, (3) glacio-lacustrine deposits, (4) glacial till, and (5) bedrock.

Bedrock was encountered in the Brownfield Area at approximately 34 ft below grade. Bedrock consists of the Upper Silurian Camillus Shale, which is a weathered, olive-green shale with interbeds of gypsum.

The bedrock is overlain by the Vernon Till which has been interpreted to be a lodgement till. The till is composed of a very dense, red-brown silty clay and gravel with some fine to coarse sand. Standard penetration blow counts in the till typically ranged from 50 to greater than 100 per 6-inch interval. Pebbles in the till are subrounded and oriented at low angles to the bedding plane. The top of the till varies in depth from about 5 feet below the ground surface beneath the Brownfield Area to approximately 29 feet below grade east of the Brownfield Area. The till is approximately 25 to 30 feet thick in the vicinity of the Chapa Tank Farm located within the Brownfield Area.

The till is generally overlain by glacio-lacustrine deposits. These deposits consist of brown to gray, medium to fine grained sands, silts, and clays. The sediments commonly exhibit thin laminations and fining upward cycles. Although thicker (up to 20 ft) to the east of the Brownfield boundary, this unit is absent or thin in the Brownfield Area.

In several borings to the east of the Brownfield Area, the glacio-lacustrine sediments were overlain by a thin, dark, organic-rich, silty clay which has been interpreted as a marsh deposit.

The uppermost unit consists of fill. Fill has been encountered throughout the Brownfield Area and varies in thickness from 2 to 9 feet. The fill material consists primarily of brown gravel with varying amounts of sand, silt, and clay. Wood, asphalt, cinders, ash, brick, and concrete fragments were occasionally present within the fill material.

Brownfield Area Hydrogeology

Two water bearing units are present in the Brownfield Area: (1) fill/glacio-lacustrine and (2) glacial till. In 2010 the depth to groundwater in the shallow water bearing unit within the Brownfield Area varied from approximately 3.7 feet to 8.3 ft below the ground surface. Water levels in the glacial till unit are typically lower (Parsons ES, 1995). The Camillus Shale bedrock is not likely to be a significant water bearing zone in the vicinity of the Brownfield Area.

Groundwater levels were measured by Arcadis at existing wells within the Chapa tank farm, the 4-5-8 Alleyway and the perimeter wells on June 18, 2010 (Arcadis, 2010). The resulting groundwater flow contours for the shallow fill/glacio-lacustrine and the deeper till units show that flow is to the northeast towards Ley Creek. These contours are similar to those previously prepared for the *Site Contamination Study Report* (Parsons ES, 1994) . The gradient mimics the surface topography, being steeper under the Brownfield Area located in the western portion of the BMS Property and flatter in the eastern portion of the BMS Property. Based on an evaluation completed by Arcadis in 2010 (Arcadis, 2011a), horizontal hydraulic gradients in the shallower zone varied by location but were generally 0.02 ft/ft in the eastern section of the BMS Property to 0.05 ft/ft in the western section where the Brownfield Area is located Shallow groundwater appears to discharge directly to Ley Creek. Recharge of the shallow aquifer in the Brownfield Area has been limited because approximately 75 to 80 percent of the site has been covered with buildings or is paved. Demolition of buildings and removal of selected pavement during the Transformation Project will reduce the area covered, and may enhance recharge to the shallow aquifer.

Vertical hydraulic gradients were determined by comparing water level measurements in monitoring well pairs located across the BMS property. Vertical gradients are generally downward and higher in magnitude on the Brownfield Area of the site and lower in the eastern portion of the BMS Property along Ley Creek (Parsons ES, 1995).

Slug tests previously conducted on wells CH-1T and CH-5T, located within the Chapa Tank Farm area, indicate that the till has a low hydraulic conductivity ranging from 0.031 feet per day to 0.35 feet per day (Parsons ES, 1995). Groundwater modeling was completed by Parsons Engineering Science in 1997 (Parsons ES; 1997) to evaluate the potential extent of migration of methylene chloride from the Chapa Tank Farm area, which is located within the Brownfield Area. Based on the modeling, it was estimated that the methylene chloride plume could migrate no more than 150 ft from the source in 200 years, and would remain within the boundaries of the proposed Brownfield.

REFERENCES

Arcadis, 2010, Sub-Surface Assessment and Perimeter Well Monitoring Summary, Bristol-Myers Squibb Co. Thompson Road Facility, East Syracuse, New York; September 20, 2010. (Reference A)

Arcadis 2011a, Perimeter and Temporary Well Groundwater Monitoring Summary, October 2010, Bristol-Myers Squibb Co. Thompson Road Facility, East Syracuse, New York; February 15, 2011. (Reference B)

Parsons ES, 1994, Site Contamination Study Report, Thompson Road Facility, Syracuse, New York, November 1994. (Reference D)

Parsons ES, 1995, Site Investigation and Remediation Study Report, Thompson Road Facility, Syracuse, New York, October 1995. (Reference E)

Parsons ES, 1997; Closure Report for the Vacuum Extraction System, Thompson Road Facility, Bristol-Myers Squibb Co., Syracuse, New York, June 1997. (Reference F)

Figure I

E-632,000 E-633,000 E-634,000 E-635,000

N-1,118,000 N-1,117,000

WEST MANLIUS STREET

Town Of Dewitt
Village Of East Syracuse

HEADSON'S CREEK

WORTH STREET
SCHROUDER STREET
ALLEN AVENUE
HIGHLAND AVENUE
EAST AVENUE
MIDLAND STREET
HORTON PLACE
MARCY STREET
WEST YATES
HIGHLAND ST.
CLARK ST.
WEST TERRACE STREET
BURNET AVENUE

13 1 14 2 3 4 5 6 7 9 10 11 12

4.36a(C)
3.14a(C)
3.94a(C)
2.43a(C)
43.36a(C)
7.91a(C)
1.10a(C)
2.33a(C)
6.22a(C)
3.24a(C) 3.00a(D)
1.34a(D)
9.27a(C)

Onondaga County Sewer R.O.W.
Union County Sewer
ROAD WATER DISTRICT
Niagara Mohawk R.O.W.
CON-RAIL
Mohawk Power Corp. R.O.W.
Headsons Creek
Permanent Easement
State of N.Y. For Highway Purposes
E. SYR. AQUIFUGE EAST

ONONDAGA COUNTY FINANCE DEPARTMENT
PREPARED MARCH 1, 2010

DATE	BLOCK	REVISION	DATE	BLOCK	REVISION

SPECIAL DISTRICT INFORMATION

SCHOOL	EAST SYRACUSE – MINOA
FIRE	EAST SYRACUSE PROTECTION
DRAINAGE	BEAR TRAP – LEY CREEK

LEGEND

AGRICULTURAL DISTRICT LINE	AG	PARK DISTRICT LINE	P
AMBULANCE DISTRICT LINE	A	REFUSE DISTRICT LINE	R
DRAINAGE DISTRICT LINE	D	SANITARY DISTRICT LINE	SD
FIRE DISTRICT LINE	F	SCHOOL DISTRICT LINE	SC
HYDRANT DISTRICT LINE	H	SEWER DISTRICT LINE	S
LIGHTING DISTRICT LINE	L	WATER DISTRICT LINE	W

PROPERTY PARCEL LINE
ORIGINAL LOT LINE
ROAD OR RAILROAD RIGHT-OF-WAY LINE
STREAM
RAILROAD TRACK
CITY LINE
TOWN LINE
VILLAGE LINE
BLOCK BOUNDARY
STREAM AND PARCEL LINE

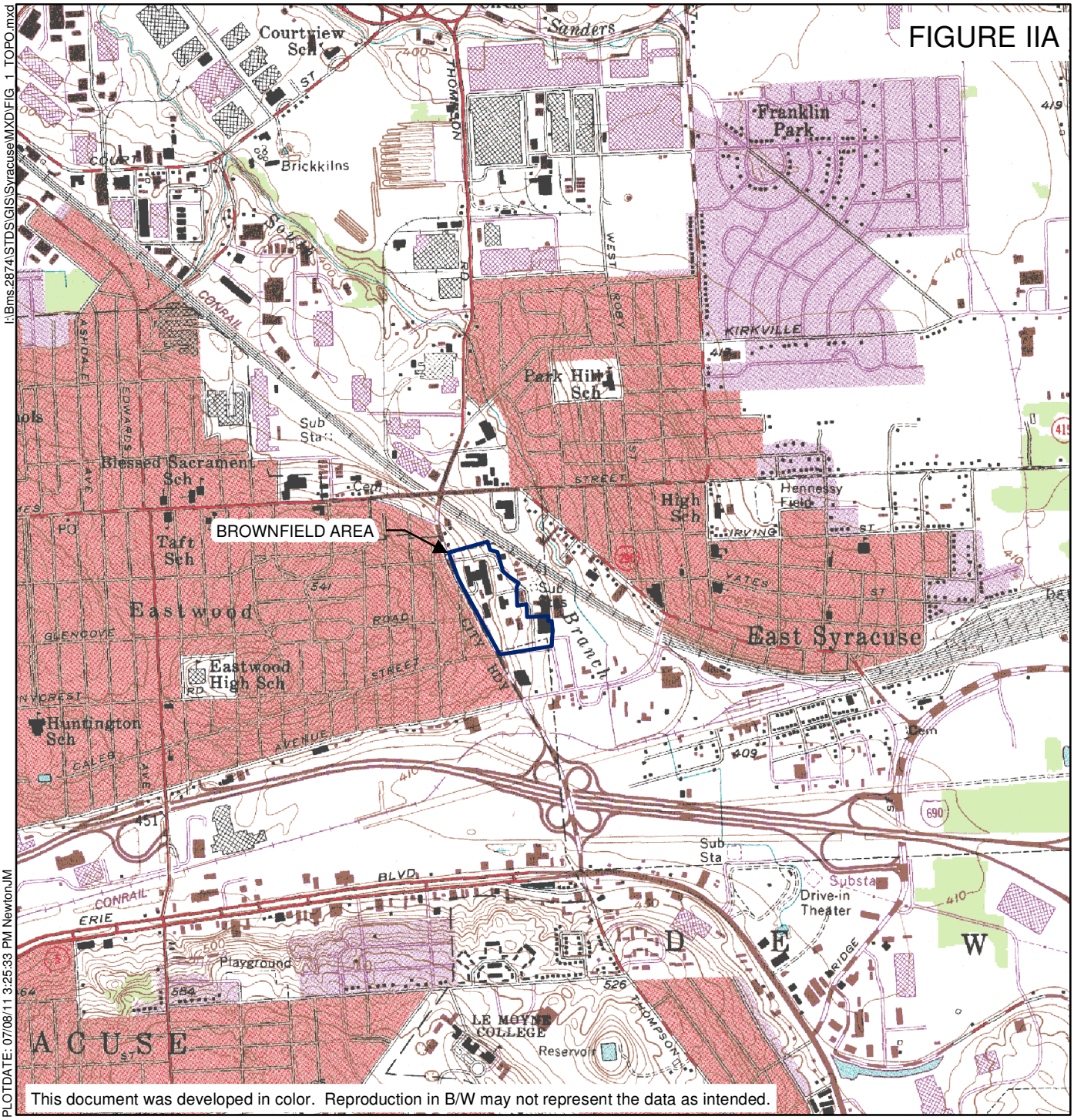
PARCEL NUMBER 24
DEED AREA (D)
CALCULATED AREA (C)
DEED DIMENSION (d)
SCALED DIMENSION (s)
DEED LOT NUMBER 5

BLOCK NUMBER (2)
DEED BLOCK NUMBER (2)
PROPERTY CONNECTION SYMBOL 7/7
ADJACENT SECTION MAP 25

SCALE : 1"= 100'
100' 0 100'
GRAPHIC SCALE
FOR TAXING PURPOSES ONLY
NOT TO BE USED FOR CONVEYANCE

SECTION MAP 11
VILLAGE OF EAST SYRACUSE
TOWN OF DEWITT
ONONDAGA COUNTY, NY

FIGURE IIA



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ADAPTED FROM: SYRACUSE EAST 7.5 MINUTE USGS QUADRANGLE

QUADRANGLE LOCATION

BRISTOL-MYERS SQUIBB
SYRACUSE, NEW YORK

N

BROWNFIELD AREA LOCATION

0 1,000 2,000 4,000

Feet

JULY 2011
2874/47694

1:24,000

O'BRIEN & GERE

S:\CAD\BRISTOL\BRSQUIBB\brownfield\bristolbrown 20110708.dwg, 24x36, 7/8/2011 2:38:42 PM, ARCH_D_(24.00_X_36.00_Inches), STAN

SITE LOCATION

SITE

Village of East Syracuse

City of Syracuse

EASEMENT TABLE

(71)	NYS APPROPRIATION	TRAFFIC CONTROL ESMT	PLOTTED APPROX. AS SHOWN
(72)	NIAGARA MOHAWK POWER CORP.	20' GAS ESMT	PLOTTED APPROX. AS SHOWN

BOUNDARY CALLS

[A]	S16°54'20"E	114.94'
[B]	S70°44'24"E	104.30'
[C]	S18°50'45"E	272.22'
[D]	S55°58'55"E	282.21'
[E]	S34°01'05"W	58.28'
[F]	S03°44'15"E	242.64'
[G]	N81°30'50"E	114.48'
[H]	S04°40'12"E	166.57'
[I]	N86°20'55"E	293.26'
[J]	S03°38'25"E	70.16'
[K]	N86°09'04"E	49.82'
[L]	S03°42'11"E	131.35'
[M]	S01°51'31"W	210.94'

AREA = 23.807± ACRES

GRAPHIC SCALE — FEET

SCALE: 1" = 60'

BRISTOL-MYERS SQUIBB
PART OF THE VILLAGE OF EAST SYRACUSE
ONONDAGA COUNTY, NEW YORK

LD: 11-01-1B | FILE: ROLL | B/P:

DATE: 7-6-2011 | SCALE: 1" = 60'

REVISIONS

COTTRELL LAND SURVEYORS, P.C.
7308 JAMESVILLE ROAD
MANLIUS, N.Y. 13104 PHONE (315) 682-8121

BRISTOL-Brown wynnmd.DWG

BRSQUIB.CRD

BRISTOL-MYERS SQUIBB N/F
TOWN OF DEWITT TAX PARCEL 13-5-4 N73°05'40"E 651.63'
VILLAGE OF EAST SYRACUSE 547.13' TAX PARCEL 11-1-1

BRISTOL-MYERS SQUIBB N/F
VILLAGE OF EAST SYRACUSE
TOWN OF DEWITT
722.02' TAX PARCEL 12-1-1

TAX PARCEL 11-1-1
TAX PARCEL 10-2-1

BUILDING No. 20
BUILDING No. 23
BUILDING No. 7
BUILDING 24
BUILDING 9
BUILDING 56
BUILDING 2
BUILDING 21
BUILDING 36
BUILDING No. 62
CONC. FND.
CONC. TANK ENCL.
SALT SHED
TEMP.
CONC BLK & BRK BLD. No. 1
CONC BLK & BRK BLD. No. 22
BLD. 1
BLD. 2
BLD. 4
BLD. 8
BLD. 15
BLD.15A
BLD.15B
BLD. 25
BLD. 25A
BLD. 29
BLD. 31
BLD. 40
BLD. 41
BLD. 42
BLD. 43
BLD. 45
BLD. 46
BLD. 48
BLD. 52
BLD. 55
BLD. 60
BLD. 61
BLD. 68
BLD. 70
BLD. 82
BLD.'S

[A] [B] [C] [D] [E] [F] [G] [H] [I] [J] [K] [L] [M]

(71) 2570/552 NYS TRAFFIC CONTROL ESMT

(72) 10' PERMANENT EASEMENT N.M.P.Co.

STREETLINE

379.20' N21°27'10"W

914.00' N29°51'30"W

THOMPSON ROAD

N31°51'10"W 248.00'

S79°57'08"W

4.88'

FIGURE III

LEGEND

- BCP BOUNDARY
- PROPERTY BOUNDARY
- FORMER REHABILITATED/REPLACED SEWER
- GRASS\LANDSCAPE
- PAVEMENT
- TRANSFORMATION PROJECT
- ACTIVE FOLLOWING TRANSFORMATION PROJECT

BRISTOL-MYERS SQUIBB
SYRACUSE, NEW YORK

BCP BOUNDARY

0 125 250 500
Feet

JULY 2011
2874.47694

O'BRIEN & GERE

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FIGURE IV

LEGEND

- BCP BOUNDARY
- PROPERTY BOUNDARY
- FORMER REHABILITATED/REPLACED SEWER
- GRASS\LANDSCAPE
- PAVEMENT
- TRANSFORMATION PROJECT
- ACTIVE FOLLOWING TRANSFORMATION PROJECT

POTENTIAL AREAS OF CONCERN

- HISTORIC
- PRODUCTION RELATED

BRISTOL-MYERS SQUIBB
SYRACUSE, NEW YORK

POTENTIAL AREAS OF CONCERN

0 65 130 260
Feet

JULY 2011
2874.47694

O'BRIEN & GERE

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FIGURE V

LEGEND

- LOCATIONS W/ HIGHEST RESULTS
- BCP BOUNDARY
- PROPERTY BOUNDARY
- FORMER REHABILITATED/REPLACED SEWER
- GRASS\LANDSCAPE
- PAVEMENT
- TRANSFORMATION PROJECT
- ACTIVE FOLLOWING TRANSFORMATION PROJECT

BRISTOL-MYERS SQUIBB
SYRACUSE, NEW YORK

LOCATIONS WITH THE HIGHEST SAMPLE RESULTS INSIDE THE BCP BOUNDARY

0 65 130 260
Feet

JULY 2011
2874.47694

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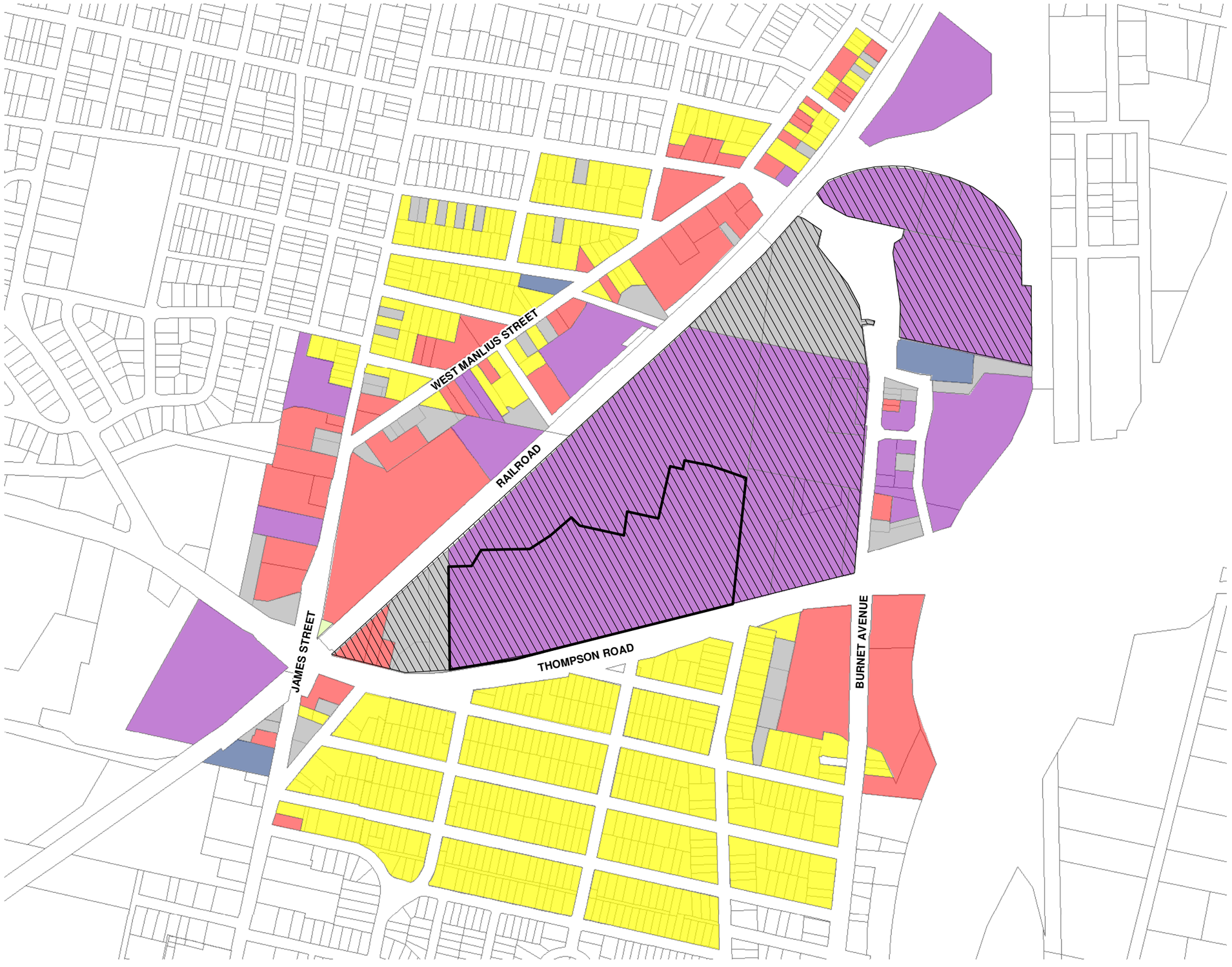

FIGURE VI

N

LEGEND

- BMS PROPERTY
- BCP BOUNDARY
- UNDETERMINED PROPERTY
- PUBLIC SERVICE PROPERTY
- VACANT PROPERTY
- INDUSTRIAL PROPERTY
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY

NOTE: SOURCE OF PROPERTY INFORMATION IS FROM SYRACUSE-ONONDAGA COUNTY G.I.S. ON THE WEB www.maphost.com/syracuse-onondaga

PARCEL INFORMATION ASSOCIATED WITH THE BMS FACILITY HAS BEEN UPDATED TO REFLECT CURRENT USE

BRISTOL-MYERS SQUIBB
SYRACUSE, NEW YORK

LAND USE

0 260 520 1,040
Feet

JULY 2011
2874.47694

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