## **Brownfield Cleanup Program (BCP) Application**

for

### Former Griffin Technology Site 6132 Victor Manchester Road (State Route 96) Farmington, New York 14564

#### Prepared By:

S&W Redevelopment of North America, LLC 430 East Genesee Street, Suite 401 Syracuse, New York 13202

For:

S W Victor Manchester, LLC 430 East Genesee Street, Suite 401 Syracuse, New York 13202



### NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



#### BROWNFIELD CLEANUP PROGRAM (BCP)

ECL ARTICLE 27 / TITLE 14

7/06			DEPARTMENT USE ONLY BCP SITE #:		
Section I. Requestor Information	on the same of the				
NAME S W Victor Manchester, LLC					
ADDRESS 430 East Genesee Street	, Suite 401				
CITY/TOWN Syracuse		ZIP CODE 132	202		
PHONE 315-422-4949	FAX 315-422-21	124	E-MAIL tmaliga@swredev.com		
NAME OF REQUESTOR'S REPRESENTATIVE	David Stoner				
ADDRESS 430 East Genesee S	Street, Suite 401				
CITY/TOWN Syracuse		ZIP CODE 1	3202		
PHONE 315-422-4949	FAX 315-422-2124 E-MAIL dstoner@swredev.co				
NAME OF REQUESTOR'S CONSULTANT	S & W Redevelop	pment of North An	nerica, LLC		
ADDRESS 430 East Genesee St	reet, Suite 401				
CITY/TOWN Syracuse		ZIP CODE 13	202		
PHONE 315-422-4949	FAX 315-422-212	24	E-MAIL dstoner@swredev.com		
NAME OF REQUESTOR'S ATTORNEY					
ADDRESS					
CITY/TOWN		ZIP CODE			
PHONE	FAX		E-MAIL		
THE REQUESTOR MUST CERTIFY THAT HE CHECKING ONE OF THE BOXES BELOW:	/SHE IS EITHER A PARTIC	CIPANT OR VOLUNTEER IN	ACCORDANCE WITH ECL § 27-1405 (1) BY		
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  If requestor is not the site owner, requestor will  (Note: proof of site access must be submitted fo			✓ Yes No		

Section II. Property Information Summary Sheet					
PROPERTY NAME: Former Griffin Technology Site					
ADDRESS/LOCATION 6132 Victor Manchester Road CITY/TOWN	Farmington	n	ZIP CO	DE 1442	5
MUNICIPALITY(IF MORE THAN ONE, LIST ALL): Town of Farmington					
COUNTY Ontario SITE SIZE (	ACRES) 3.7	4			
LATITUDE (degrees/minutes/seconds) 42 · 97 · 48	LONGITUD	E (degrees/minu	tes/seconds) 7	7 · 35	. 98 "
HORIZONTAL COLLECTION METHOD: ☐ SURVEY ☐ GPS ✓ MAP	HORIZONT	AL REFERENC	E DATUM:	NAD27	
FOR EACH PARCEL, FILL OUT THE FOLLOWING TAX MAP INFORMATION (I Parcel Address	if more than thre Parcel No.				Acreage
Portion of 76.1	29	1		76.1	1.2
	29	1		12	2.54
1. Do the property boundaries correspond to tax map metes and bour If no, please attach a metes and bounds description of the property. If no, please attach a metes and bounds description of the property.  2. Is the required property map attached to the application? (applications and the property part of a designated En-zone pursuant to Tax Law is For more information go to: http://www.nylovesbiz.com/BrownFiel If yes, identify area (name)	erty. tion will not § 21(b)(6)? d_Redevelor of 2 contigue d and one	pment/default uous parcel is improved	s along Vi	ctor-Man	
	escription Utility Ease	ement			
SPDES Permit NYSDEC	escription Discharge to	type here or municipal s	ewer syste	m of groui	nd
Initials of each Requestor:					

Section III. Current Site Owner	/Operator Information	<b>在集队的统治</b>		
OWNER'S NAME (if different from requestor)	Diebold, Inc.		1	
ADDRESS 5995 Mayfair Road				
CITY/TOWN North Canton, OH	ZIP CODE 447	'20		
PHONE (330) 490-4353	FAX (330) 490-6611 E-MAIL spurrid.diebo			
OPERATOR'S NAME (if different from requestor or owner)				
ADDRESS				
CITY/TOWN	ZIP CODE			
PHONE	FAX	E-MAIL		
Section IV. Requestor Eligibilit	y Information (Please refer to ECL § 2	27-1407)		
If answering "yes" to any of the following	ng questions, please provide an explanation as ar	attachment.		
1. Are any enforcement actions pending against the requestor regarding this site?				
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			No	
4. Has the requestor been determined to have violated any provision of ECL Article 27? ☐ Yes ✓ No.			No	
5. Has the requestor previously been denied entry to the BCP?			No	
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving contaminants?				No
7. Has the requestor been convicted of a criminal offense that involves a violent felony, fraud, bribery, perjury, Yes V No theft, or offense against public administration?				No
8. Has the requestor knowingly falsified or concealed material facts or knowingly submitted or made use of a Yes V No false statement in a matter before the Department?				No
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.8(f) that committed an act			No	
or failed to act, and such act or failure to act could be the basis for denial of a BCP application?  Section V. Property Eligibility Information (Please refer to ECL § 27-1405)				
English San	Sample Charles Annex (1985) and the sample of the sample o	SELECTED AND ASSESSED.	Yes 71	No.
I. Is the property listed on the National Priorities List?      Is the property listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites?      Is the property listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites?			Yes 1	
If yes, please provide: Site #_835008 Class #_3			103	10
If yes, please provide: Permit type:	der ECL Article 27, Title 9, other than an Interin EPA ID Number:		Yes V	No
Date permit	ssued: Permit expiration day rder under navigation law Article 12 or ECL Art		Yes 🗸	Na
If yes, please provide: Order #		icle 17 Title 10?	Lies V	NO
5. Is the property subject to a state or fe If yes, please provide explanation as	deral enforcement action related to hazardous wa an attachment.	aste or petroleum?	Yes 🗸	No
Section VI. Project Description		<b>STARTED</b>		SAN TAN
Please attach a description of the project	which includes the following components:			
Purpose and scope of the project				
Estimated project schedule				

Section VII. Proper	ty's Environn	nental History			
To the extent that existing information/studies/reports are available to the requestor, please attach the following:  1. Environmental Reports  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	d, indicate whether it me	eets the requirements of	of ECL Article 27-1415	(2): ☐ Yes ☐No
2. Sampling Data: Indic	cate known cont	aminants and the medi		o have been affected:	
Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum					
Chlorinated Solvents		X			
Other VOCs					
SVOCs					
Metals					
Pesticides					
PCBs					
Other*					
*Please describe:					
3. Suspected Contamin	ants: Indicate su	spected contaminants	and the media which	may have been affect	ed:
Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum					
Chlorinated Solvents		X			
Other VOCs					
SVOCs					
Metals					
Pesticides			ŧ:		
PCBs					
Other*					
*Please describe:					
4. INDICATE KNOWN OR S	SUSPECTED SOUR	CES OF CONTAMINANTS	5:		
Routine Industrial Operations Dump Adjacent Property Seeps		agoons or Ponds amping or Burial of Wastes eepage Pit or Dry Well dustrial Accident	Underground Pipeline or Tank Surface Spill or D Septic tank/lateral field Foundry Sand Unknown		Storage Containers
5. INDICATE PAST LAND U	JSES:				
Coal Gas Manufacturing Pipeline Other:	✓ Manufacturir ☐ Service Station		op Dry Cleaner Tannery	Salvage Yard Electroplating	□ Bulk Plant □ Unknown
each previous owner 7. Operators A list of previous open	listed. If no relat	ast known addresses and ionship, put "none"). , last known addresses a ationship, put "none").	National Control Control	2 <b>7</b> 0	

#### Section VIII. Contact List Information Please attach, at a minimum, the names and addresses of the following: 1. The chief executive officer and zoning 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. Section IX. Land Use Factors (Please refer to ECL § 27-1415(3)) Residential Commercial Industrial ✓ Vacant Recreational (check all that apply) Current Use: Intended Use: Unrestricted Residential Please check the appropriate box and provide an explanation as an attachment if appropriate. Provide a copy of the local zoning classifications, comprehensive zoning plan designations, and/or current land use approvals. Yes No $\checkmark$ 1. Do current historical and/or recent development patterns support the proposed use? (See #12 below re: discussion of area land uses) 2. Is the proposed use consistent with applicable zoning laws/maps? / 3. 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? V 4. Are there any Environmental Justice Concerns? (See §27-1415(3)(p)). $\checkmark$ 5. Are there any federal or state land use designations relating to this site? 6. Do the population growth patterns and projections support the proposed use? $\checkmark$ 7. Is the property accessible to existing infrastructure? $\checkmark$ 8. Are there important cultural resources, including federal or state historic or heritage sites or Native 1 American religious sites within 1/2 mile? 9. Are there important federal, state or local natural resources, including waterways, wildlife refuges, V wetlands, or critical habitats of endangered or threatened species within ½ mile? 1 10. Are there floodplains within 1/2 mile? 11. Are there any institutional controls currently applicable to the property? 12. Describe on attachment the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas. 13. Describe on attachment the potential vulnerability of groundwater to contamination that might migrate from the property, including proximity to wellhead protection and groundwater recharge areas.

14. Describe on attachment the geography and geology of the site.

Certification and Signature	es ·
ho is an individual)	
that information provided on this for are that any false statement made he	rm and its attachments is true and complete to the best of my knowledge and trein is punishable as a Class A misdemeanor pursuant to section 210.45 of the
Signature:	Print Name:
r other than an individual)	
able as a Class A misdemeanor purs	e or under my supervision and direction; and that information provided on this best of my knowledge and belief. I am aware that any false statement made uant to Section 210.45 of the Penal Law.  Print Name:  Print Name:
copies, one hard copy with original te, must be sent to:	signatures and one electronic copy in Portable Document Format (PDF) on a C
te Control Section  k State Department of Environment of Environmental Remediation udway	al Conservation
NY 12233-7020	
te	that information provided on this for are that any false statement made he signature:  Signature:  r other than an individual)  that I am Manage (title) of this application was prepared by muchments is true and complete to the able as a Class A misdemeanor pursuable as a Class A misdemeanor purs

### **LIST OF LLC MEMBERS**

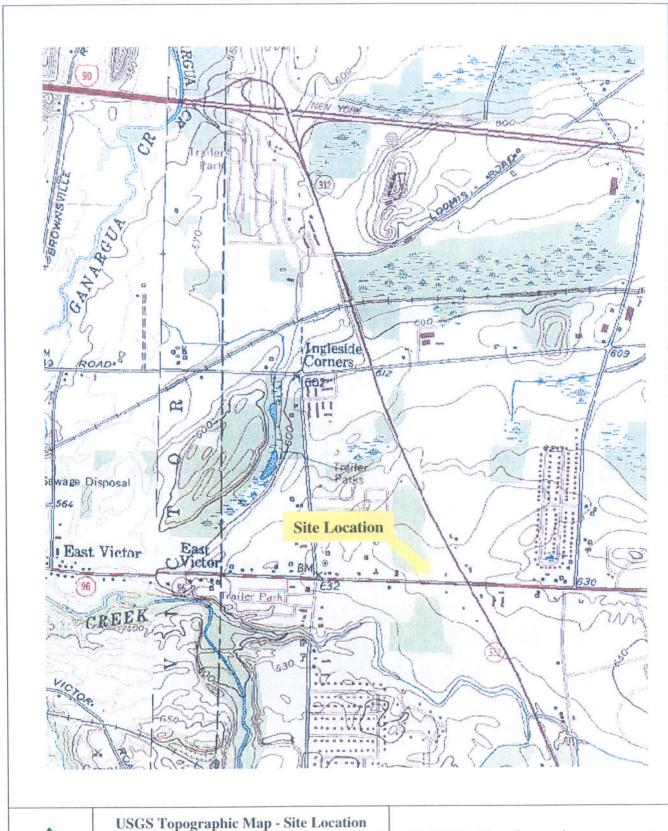
### SECTION I: LIST OF LLC MEMBERS

David W. Stoner, CPG

Robert M. Petrovich

Damian J. Vanetti, P.E.

### SITE MAPS





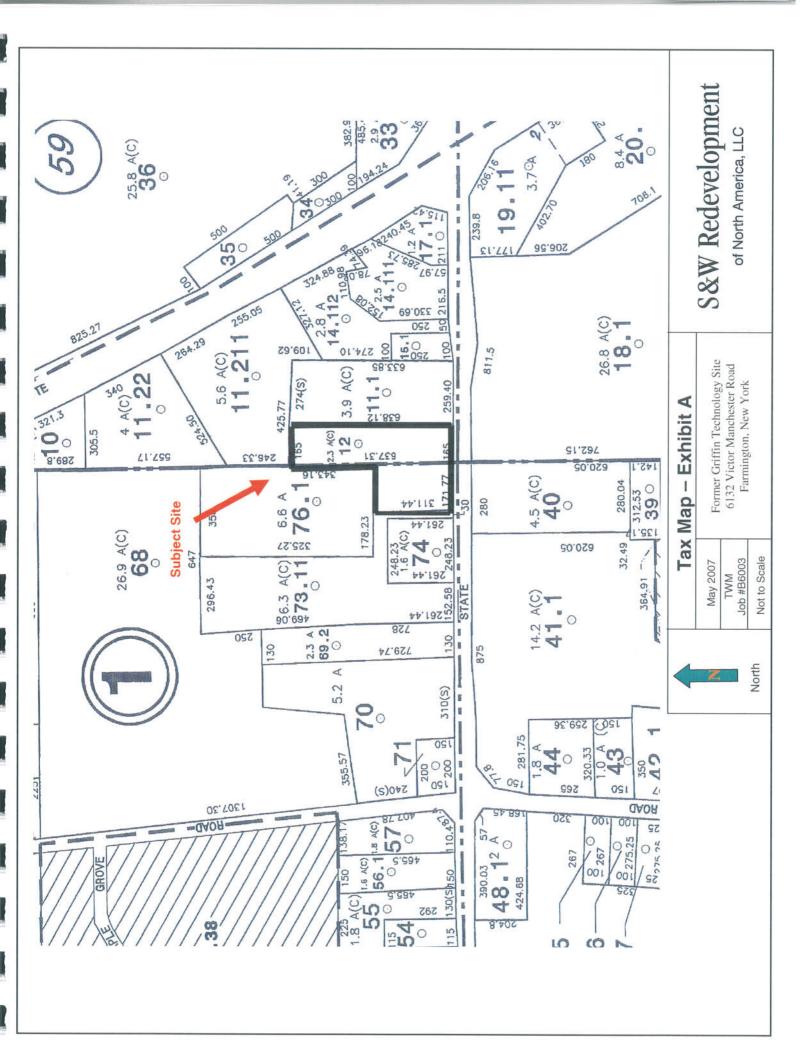
October 2006

Not to Scale

Former Griffin Technology Site 6132 Victor Manchester Road Farmington, New York

### **S&W** Redevelopment

of North America, LLC



### **SECTION V**

#### SECTION V:

#### Question 5- Enforcement Action:

The site was the subject of an Interim Remedial Measure

Consent Order entered into in November 1996. In accordance with
the terms of that order and the approved work plan, the consent order
should be deemed terminated. The respondent has fulfilled all of its
obligations as defined by that order. As defined by the work plan,
the pump and treat system effluent quality has reached asymptotic
conditions, a condition that defines termination

## SECTION VI – PROJECT DESCRIPTION

#### SECTION VI: PROJECT DESCRIPTION

#### Purpose and Scope of the Project

The former Griffin Technology Site has been undergoing investigation and attempted remediation of solvents for approximately ten years. The site is currently in the monitoring phase and the active pump and treat system has not made a significant positive impact on the level of solvents in groundwater during the last few years of operation. S&W Redevelopment will work to accelerate the clean up of groundwater through the use of chemical oxidation. Based on experience with other sites, this should get groundwater contamination to acceptable levels much more quickly, at which time the site would be redeveloped for commercial and retail uses (see Appendix B).

#### **Estimated Project Schedule**

It is anticipated that the site would be accepted into the BCP by December of 2006. Based on the amount of work that has been done and the volume of data available for the site, S&W Redevelopment would submit a Remedial Action Work Plan (RAWP) as the first step in the process. Upon approval of the RAWP, in approximately February of 2007, S&W Redevelopment would begin a remedial program in the spring, which would be repeated if necessary, with the ground water reaching an acceptable level by the end of 2008.

## SECTION VII – SITE'S ENVIRONMENTAL HISTORY

#### SECTION VII: SITE'S ENVIRONMENTAL HISTORY

#### **Environmental Reports**

Several Environmental studies have been performed on the subject site since the early 1990's. S&W Redevelopment obtained copies of these reports from the NYSDEC, and all reports on the site are available at NYSDEC's Region 8 office in Avon, New York.

The following are a list of reports used to evaluate the site. All of these reports are on file at NYSDEC's Region 8 office:

- Off-site Groundwater Evaluation, Blasland Bouck & Lee, Inc.
   February 1995
- Supplemental Off-site Investigation, Woodward-Clyde, July 1996
- Interim Remedial Measure Work Plan, Griffin Technology, Inc.,
   Site. Woodward-Clyde, July 1996
- Interim Remedial Measures Program, final Decision Document,
   Index No. B8-3158-90-01, Woodward-Clyde, September 1996
- Monthly IRM Operation Report, Woodward-Clyde, April 1997
- Soil Investigation Report, URS Greiner Woodward-Clyde, Inc.,
   June 1999
- Focused Feasibility Study, URS, October 2, 2003
- IRM Annual Progress Report, URS, November 2005

Additional Reports (if needed) are available in NYSDEC's files.

#### Owners and Operators

All three (3) tax parcels (29.00-1-11.100, 29.00-76-100, 29.00-1-12.000) making up the subject site are currently owned and operated by Diebold, Inc., successor to Griffin Technology, Inc.

The applicant has no relationship with the current owner.

Diebold, Inc. 5995 Mayfair Road P.O. Box 3077 North Canton, OH 44720 (330) 490-4353

S&W Redevelopment is in final negotiations to acquire the site. Site acquisition is contingent upon acceptance into the BCP.

#### Prior Owners/Operators:

Tax Parcel 29.00-1-11.100

#### Ownership/Operator History:

1985 - Present

Griffin Technology, Inc. (acquired by Diebold)

(Current Owner and Operator)

5995 Mayfair Road

P.O. Box 3077

North Canton, OH 44720

(330) 490-4353

1976 - 1985

Victor Salitan (Deceased)

(Prior Owner and Operator)

Living relative:

J.R. Salitan

950 East Avenue

Rochester, NY 14607

(585) 461-3123

Prior to 1976 this parcel site was defined as four separate parcels:

#### Parcel 1:

1970 - 1976

Guy Humphreys (appears to be deceased)

(Prior Owner and Operator)

1951 - 1970

Leslie and Beatrice Case

(Rochester Gas & Electric is listed on this deed.)

#### Parcel 2:

1971 - 1976

Guy Humphreys (appears to be deceased)

(Prior Owner and Operator)

Prior to 1971

Beatrice Case

#### Parcel 3:

1974 - 1985

Victor Salitan (Deceased)

(Prior Owner and Operator)

1953 - 1974

Audrey Begley

1952

James Shoemaker

1949 - 1952

Herman & Alberta Weigert

Prior to 1949

Leslie & Fannie Loomis

#### Parcel 4:

1971

Guy Humphreys (appears to be deceased)

(Prior Owner and Operator)

Prior to 1971

Farmington Park, Inc.

Tax Parcel 29.00-76-100

#### Ownership/Operator History:

1991-Present

Griffin Technology (Acquired by Diebold)

(Current Owner and Operator)

5995 Mayfair Road

P.O. Box 3077

North Canton, OH 44720

(330) 490-4353

1978-1991

Carter Tool Corporation

(Prior Owner and Operator)

Albert T. Carter

(last known addresses)

6924 Bitterbush Place

Boynton Beach, Fl 33437

Also

2500 East Avenue

Rochester, NY 14607

Prior to 1978 this tax parcel was defined as two separate parcels:

#### Parcel 1:

1977-1978

Albert T. Carter (see address above)

(Prior Owner and Operator)

Prior to 1977

Jay Vee Properties

1956

Edward and Loretta Tidd

Prior to 1956

Francis and Eula Fisher

#### Parcel 2:

1978

Albert Carter (see address above)

(Prior Owner and Operator)

1971-1978

James Scampole

Prior to 1971

Richard Balzo

1960

269 Clinton Ave North Realty Corp

1959-1960

Edward and Virginia Beal

1953-1959

George and Lillian Robbins

1943-1953

George and Marion Warder

(RG&E Easement Listed on 1953 Deed)

Prior to 1943

Juaneita Benedict

#### Tax Parcel 29.00-1-12.000

#### Ownership/Operator History

1973-Present R.E Products Inc.

(Prior Owner and Operator)

(became Griffin Technology which was

Acquired by Diebold)

5995 Mayfair Road

P.O. Box 3077

North Canton, OH 44720

(330) 490-4353

1969-1973 24 Hr. Construction Co., Inc.

(Prior Owner and Operator)

1967-1969 Phillip and Jeannett Howard

1956-1967 John and Aima Kinsman

1950-1956 Kathryn Kinsman Rice

1924-1950 Cora E. Darling

## SECTION VIII – CONTACT LIST INFORMATION

#### SECTION VIII: CONTACT LIST INFORMATION

1.) Town Supervisor, Town of Farmington – Theodore M. Fafinski

Theodore M. Fafinski Town Supervisor Farmington Town Hall, 1000 County Road 8 Farmington NY 14425

Lawrence E. Potter Deputy Town Supervisor 1000 County Road 8 Farmington, NY 14425

Floyd Kofahl Code Enforcement Officer Town of Farmington 1000 County Road 8 Farmington, NY 14425

James E. Crane Water & Sewer Superintendent Town of Farmington 1000 County Road 8 Farmington, NY 14425

Peter Ingalsbe Chairman – Zoning Board of Appeals Town of Farmington 1000 County Road 8 Farmington, NY 14425

Ronald Brand Director of Planning & Development Town of Farmington 1000 County Road 8 Farmington, NY 14425 Bruce E. Miles Mayor Town of Manchester 8 Clifton Street Manchester, NY 14504

Geoffrey C. Astles County Administrator Ontario County 20 Ontario Street Canandaigua, NY 14424

#### 2.) Adjacent Site Owners

29.00-1-73.110 (6162 State Route 96)

Soper Powersports, LLC State Route 96 Farmington, NY 14425

29.00-1-68

Beals Auto Services, Inc. 6146 Street. Rt. 96 Farmington, NY 14425

29.00-1-68 (1191 Mertensia Rd.)

Farmington MHC Associates LLC 31200 Northwestern Highway Farmington Hills, MI 48334

29.00-1-11.2211 (State Route 332)

Primo Di Felize 91 Victor Heights Parkway Victor, NY 14564

29.00-1-14.112 (State Route 332)

Primo Di Felize 91 Victor Heights Parkway Victor, NY 114564 29.00-1-14.15.1 (6104 State Rt. 96)

Lloyd A. Johnson Construction P.O. Box 129 Geneva, NY 14456

29.00-1-18.1 (State Rt. 96)

Primo Di Felize 91 Victor Heights Parkway Victor, NY 114564

#### 3.) Owners Across From Site

29.00-1-18.1 (State Rt. 96)

Robert A. Gordon 16 East Main Street Rochester, NY 114614

29.00-1-40 (6139 State Rt. 96)

John W. Wade 130 Cline Rd. Victor, NY 14564

#### 4.) Owners Adjacent To Adjacent Site Owners

29.00-1-69.2 (State Rt. 96)

Mark Case 122 Granger St. Canandaigua, NY 14424

29.00-1-69.2 (State Rt. 96)

Mark Case 122 Granger St. Canandaigua, NY 14424

#### 5.) Local News Media

Democrat & Chronicle 55 Exchange Blvd. Rochester, NY 14614

Rochester City Newpaper 250 N. Goodman St. Rochester, NY 14607

Canandaigua Daily Messenger 73 Buffalo Street Canandaigua, NY 14424

The Victor Herald P.O. Box 354 Victor, NY 14564

#### **Television**

WHEC – NBC 10 191 East Ave Rochester, NY

WOKR- ABC 13 4225 Henrietta Drive Rochester, NY

WROC – CBS 8 201 Humboldt St. Rochester, NY

WUHF – FOX 7 360 East Ave. Rochester, NY

WXXI – PBS 21 280 State St. Rochester, NY

#### Radio AM:

WHAM 1180 AM WACK 1420 AM WHTK 1280 AM WXXI 1370 AM

#### Radio FM:

WISY 102.3 FM WCIY 88.9 FM WFXF 107.3 FM **WNVE 95.1 FM** WZXV 99.7 FM WVOR FM 100.5 FM WFRW 88.1 FM WBER 90.5 FM **WEOS 89.7 FM** WBEE FM 92.5 FM WBBF FM 93.3 FM WDKX FM 103.9 FM WRMM FM 101.3 FM WFLR FM 95.9 FM WCMF FM 96.5 FM WXXI-FM 91.5 FM WNYR-FM 98.5 FM WCOV-FM 93.7 FM W220CJ 91.9 FM W238AB 95.5 FM

6.) Public Water Supplier:
Canandaigua-Farmington Water District
Canandaigua, NY 14424

The property is part of the Town of Farmington Sewer District and is served by the Town of Farmington Wastewater Treatment Plant

7.) Requested Additions to BSCL

John Malvaso c/o FSI 5848 County Road #41 Farmington, NY 14425

School or Daycare Administration: (None Nearby)

8.) Document Repository is established at: Wood Library, 134 North Main Street, Canandaigua, New York 14424

Contact Person: Barbara Henry

## SECTION IX – LAND USE FACTORS

#### Section IX: Land Use Factors

#### 12. Proximity to Real Property

The subject site is on a busy arterial (State Route 96) which is used as a primary commuter route between Canandaigua and Rochester. The surrounding land uses are mostly commercial, with some residential properties to the west of the site.

#### 13. Vulnerability of Groundwater

The subject site has a history of manufacturing that included the limited use of chemicals such as chlorinated organic solvents. Sampling data from the site indicate that chlorinated compounds are present in groundwater, which indicates that chemicals were spilled at the site causing site contamination. The full nature and extent of this contamination has been previously characterized.

Groundwater's vulnerability to contaminants depends on the depth to groundwater, the volume of contamination that was released, and the soil types present at the site. It is known that groundwater contamination at the site has impacted shallow groundwater on-site and has migrated off-site as well.

#### 14. Geography and Geology

The site is located on the southern edge of the Erie-Ontario Lowlands Physiographic Province of New York State. Regional mapping indicates that the bedrock underlying the site is largely comprised of shale and shaley dolomite rock of late Silurian age. Topographic features of the region are generally glacially derived, consisting of drumlins and moraines that were formed during the Wisconsin Age. Overburden in the vicinity of the site is comprised of lacustrine silts and clays that were deposited in glacial Lake Iroquois, which covered much of this area as Pleistocene glaciers retreated.

The occurrence of groundwater at the site, and the nature and extent of contamination has been fairly well characterized. As discussed in the attached conceptual Remedial Action Workplan a pilot test followed by a full scale system will be designed to reduce or eliminate to the extent possible, residual groundwater contamination.

### APPENDIX A - SITE SURVEY

## MAP OF A SURVEY PART OF TOWN LOTS SO & BO TOWN OF FARMWITCH MITABLO DOUNTY, NEW TOWN LOT 60 TAX ACCOUNT PARCE, 20,00-1-11,1 IS SUBJECT TO A GAS MANN EASEMENT O POOL GAS & ELEC, COMP. AS SET FORTH IN LIBER 649 OF DEEDS, PAGE 7 MAP IS SUBJECT TO THE PEVIEW OF AN UPDATED ABSTRACT OF TITLE WILLIAM C. WEBER Agest 7 633.83 ATTES LASTAGET 33.65 (NEW YORK STATE ROUTE 96) AICLOH-WYNCHESLEK HOAD

## APPENDIX B – CONCEPTUAL REMEDIAL ACTION WORK PLAN

# CONCEPTUAL APPROACH REMEDIAL ACTION WORK PLAN FORMER GRIFFIN TECHNOLOGY, INC. TOWN OF FARMINGTON ONTARIO COUNTY, NY

#### Background

This document provides an overview of the approach for a proposed remedial action at the former Griffin Technology Inc. facility located at 6132 Victor-Manchester Road in the Town of Farmington, NY. The proposed approach is contingent upon the site being accepted into the NYS Brownfield Cleanup Program (BCP) and is based on the information and data available for the site. Several investigations have been completed at the site under the review and oversight of the NYSDEC (order on consent #B8-315-90-01) and include the following:

Phase II Investigation (BB&L, July 1991)
Off –Site Groundwater Evaluation (BB&L, February 1995)
Soil Investigation Report (URS Greiner Woodward Clyde Inc, June 1999)

The investigations identified a contaminant plume, primarily trichloroethene (TCE) and its degradation products, in shallow overburden groundwater and to some extent in bedrock groundwater. The site is characterized with shallow bedrock (0 to 12 feet bgs) with an overburden of sand and sand/gravel lenses.

An interim Remedial Measure (IRM) was proposed (Interim Remedial Work Plan, Woodward Clyde 1996) and was implemented once approved by the NYSDEC. An Interim Remedial Measure Program Final Design Document (GTI, September 1996) was approved by the NYSDEC and consisted of groundwater recovery and discharge to the local publicly owned treatment works (POTW) sanitary sewer. The IRM included collecting groundwater samples from all monitoring walls located on and off-site semi-annually. Progress reports documenting the operation of the system, quantity of groundwater removed and groundwater monitoring results were submitted to the NYSDEC. In general, the system has been effective at decreasing the migration of contaminants from the site but not effective at removing the potential on-site sources of contamination. Analytical data for samples collected from the existing monitoring wells indicates that the concentration of the contaminants of concern to be at asymptotic levels for the past several years of monitoring.

#### Conceptual Remedial Approach

The intent of entering this site into the BCP is to allow the site to be redeveloped for future commercial use. Based on site conditions and groundwater quality the proposed remedial objective is to more aggressively attack the on-site sources of contamination to mitigate the potential for on going migration in groundwater and to mitigate the potential

for human exposure to chlorinated solvents in groundwater. The conceptual remedial approach will include the following:

- Implementation of an in-situ chemical oxidation (ISCO) system to destroy chlorinated solvents in the shallow and deep ground water zones.
- Effectiveness monitoring to evaluate the system
- Implementation of institutional controls including restrictions on groundwater use, restriction and end use to commercial development and filing of an environmental easement.
- Implementation of engineering controls including soil barriers (one foot of soil, building concrete slab or asphalt pavement), sub-slab depressurization system for buildings constructed on the site and a Site Management Plan that defines ongoing operating, maintenance, monitoring and annual certification for the engineering controls.

A formal Remedial Action Workplan (RAWP) including the remedial design of the ISCO system and effectiveness monitoring will be proposed and submitted for NYSDEC approval. The need for any site characterization beyond the previous site investigation will be focused on the data gaps that need to be filled in order to properly complete the ISCO design. Specifically a pilot test will be completed including a single injection point to assess the flow rates, contact time and radius of influence such that the proper spacing and location of injection points can be identified. The RAWP will be submitted to the NYSDEC for review and comment and be available for the required 45 day public comment period.

The remedial Action (RA) will be implemented once approval is received from the NYSDEC. A proposed schedule for implementation of the remedy follows:

- BCP Application submitted October 2006
- Site accepted into BCP 45 days
- Public comment period 30 days
- Prepare and submit RAWP 30 days
- NYSDEC Review and Comment 30 days
- Public comment period 45 days
- RAWP approved
- Field studies for RA design 45 days
- RA Design submitted 30 days
- RA Design approved 30 days
- Implement and effectively monitor RAWP 120 days
- Prepare Final Engineering Report 60 days
  - Environmental Easement, and Site Management Plan
- NYSDEC Review of FER
- NYS DEC issues CoC