Brownfield Cleanup Program Application

Niagara and Pennsylvania Site Buffalo, NY

October 2007

0136-002-100

Prepared For:

9154 Group, LLC



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



BROWNFIELD CLEANUP PROGRAM (BCP) ECL ARTICLE 27 / TITLE 14

7/06	202.111.02		DEPARTMENT USE ONLY BCP SITE #:
Section I. Requestor Information	on		
NAME 9154 Group, LLC			
ADDRESS 210 Ellicott Square, 2	295 Main Street		
CITY/TOWN Buffalo		ZIP CODE 1	4203-2219
PHONE 716-854-0060	FAX 716-852-28	329	E-MAIL pmoretta@ellicottdevelopmer
NAME OF REQUESTOR'S REPRESENTATIVE	Mr. Bill Paladir	no	The state of the s
ADDRESS 210 Ellicott Square, 29	5 Main Street		
CITY/TOWN Buffalo		ZIP CODE -	14203-2219
PHONE 716-854-0060	FAX 716-852-2	2829	E-MAIL
NAME OF REQUESTOR'S CONSULTANT	TurnKey Environ	mental Restorati	on, LLC
ADDRESS 726 Exchange Street,	Suite 624		
CITY/TOWN Buffalo		ZIP CODE 1	4210
PHONE 716-856-0599	FAX 716-856-05	583	E-MAIL pwerthman@benchmarkees
NAME OF REQUESTOR'S ATTORNEY	r. Craig Slater, E	sq. (Harter, Secr	est and Emery)
ADDRESS Twelve Fountain Pla	za, Suite 400		
CITY/TOWN Buffalo		ZIP CODE 1	4202
PHONE 716-845-4233	FAX 716-853-16	617	E-MAIL cslater@hselaw.co
THE REQUESTOR MUST CERTIFY THAT HE CHECKING ONE OF THE BOXES BELOW: PARTICIPANT A requestor who either 1) was the owner of the sit of hazardous waste or discharge of petroleum or responsible for the contamination, unless the liabil.	e at the time of the disposal or 2) is otherwise a person tility arises solely as a result	VOLUNTEER A requestor other than a pa as a result of ownership, o	rticipant, including a requestor whose liability arise peration of or involvement with the site subsequence or discharge of petroleum.
of ownership, operation of, or involvement with disposal of hazardous waste or discharge of petro		appropriate care with resper reasonable steps to: i) stop	box, the requestor certifies that he/she has en- bet to the hazardous waste found at the facility by any continuing discharge; ii) prevent any threatened limit human, environmental, or natural resource exp gardous 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 for			✓ Yes No

Section 11 Property Information Summery Sheet 22 2	基本 基本的基本的 企业 是有限的。由于1967年,1987年的19
PROPERTY NAME: Niagara Street and Pennsylvania Avenue Site	
ADDRESS/LOCATION Niagara and Pennsylvania CITY/TOWN	Buffalo ZIP CODE 14201
MUNICIPALITY(IF MORE THAN ONE, LIST ALL): City of Buffalo	
COUNTY Erie SITE SIZE ((ACRES) 0.51 acres
LATITUDE (degrees/minutes/seconds) 42 ° 53 ° 52.4	LONGITUDE (degrees/minutes/seconds) 78 · 53 · 20.8 "
HORIZONTAL COLLECTION METHOD: 🗸 SURVEY 🗌 GPS 🦳 MAP	HORIZONTAL REFERENCE DATUM: NY State Planar
FOR EACH PARCEL, FILL OUT THE FOLLOWING TAX MAP INFORMATION (i Parcel Address	if more than three parcels, attach additional information) Parcel No. Section No. Block No. Lot No. Acreage
5 parcels- See Attachment #1	
Tax map- See Attachment #2	
Do the property boundaries correspond to tax map metes and bound lf no, please attach a metes and bounds description of the property.	
 Is the required property map attached to the application? (applicat Is the property part of a designated En-zone pursuant to Tax Law § For more information go to: http://www.nylovesbiz.com/BrownFiel If yes, identify area (name) Census Tract 71.01 50% 100% of the site is in the En-zone (check one) 	§ 21(b)(6)?
PROPERTY DESCRIPTION NARRATIVE:	
(see Attachment 3)	
List of Existing Easements (type here or attach information) Easement Holder De	escription
None known	
List of Permits issued by the NYSDEC or USEPA Relating to the Propertype Issuing Agency Description	posed Site (type here or attach information) escription
Petroleum Bulk Storage NYSDEC #9-43371 (2	2) 6,000-gallon gasoline underground storage tanks
Initials of each Requestor:	

	erigiya karan da karan kar			
OWNER'S NAME (if different from requestor)	see Attachment #7			
ADDRESS			_	
CITY/TOWN	ZIP CODE			
PHONE	FAX	E-MAIL		
OPERATOR'S NAME (if different from requesto	r or owner) see Attachment #8			
ADDRESS				
CITY/TOWN	ZIP CODE			
PHONE	FAX	E-MAIL		
· · · · · · · · · · · · · · · · · · ·				
 Are any enforcement actions pending Is the requestor subject to an existing Is the requestor subject to an outstand Has the requestor been determined to Has the requestor previously been det Has the requestor been found in a civact involving contaminants? Has the requestor been convicted of a theft, or offense against public admin Has the requestor knowingly falsified false statement in a matter before the Is the requestor an individual or entity or failed to act, and such act or failure Is the property listed on the National 	have violated any provision of ECL Article 27? nied entry to the BCP? ill proceeding to have committed a negligent or in criminal offense that involves a violent felony, istration? I or concealed material facts or knowingly submit Department? I of the type set forth in ECL 27-1407.8(f) that ce to act could be the basis for denial of a BCP appriorities List?	ntentionally tortious fraud, bribery, perjury, tted or made use of a ommitted an act plication?	Yes Yes	No No No No No No No No No
2. Is the property listed on the NYS Reg If yes, please provide: Site #	tistry of Inactive Hazardous Waste Disposal Site Class #	s?	Yes	✓ No
3. Is the property subject to a permit und If yes, please provide: Permit type:	der ECL Article 27, Title 9, other than an Interin EPA ID Number: Permit expiration da		Yes	✓ No
4. Is the property subject to a cleanup of If yes, please provide: Order #	rder under navigation law Article 12 or ECL Art	icle 17 Title 10?	Yes	✓ No
5. Is the property subject to a state or fell fyes, please provide explanation as a	deral enforcement action related to hazardous wan attachment.	aste or petroleum?	Yes	✓ No
Please attach a description of the project	which includes the following components:			
 Purpose and scope of the project Estimated project schedule 				

To the extent that existing information/studies/reports are available to the requestor, please attach the following: 1. Environmental Reports													
A phase I environmen	tal site assessment		ordance with ASTM E 15 ts: Phase I Environmenta										
T .		mental Site Assessmen iinants on or emanating		ii Site Assessment Pro	cess), and an								
•	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:													
Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas								
Petroleum	х	x											
Chlorinated Solvents													
Other VOCs													
SVOCs													
Metals													
Pesticides													
PCBs													
Other*													
*Please describe:													
3. Suspected Contaminants: Indicate suspected contaminants and the media which may have been affected:													
Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas								
Petroleum	х	х											
Chlorinated Solvents													
Other VOCs													
SVOCs													
Metals													
Pesticides													
PCBs													
Other*													
*Please describe:	, .			1	1								
4. INDICATE KNOWN OR S	SUSPECTED SOURCE	CES OF CONTAMINANTS	:										
☐ Above Ground Pipeline o	r Tank 🔲 Las	goons or Ponds	✓ Underground Pipeline or	Tank DSurface Sni	ll or Discharge								
Routine Industrial Operati		mping or Burial of Wastes	Septic tank/lateral field		Storage Containers								
Adjacent Property		epage Pit or Dry Well	Foundry Sand	☐ Electroplat	ing								
Coal Gas Manufacture Other:	☐ Ind	ustrial Accident	Unknown										
5. INDICATE PAST LAND U	JSES:												
		-			CD II N								
Coal Gas Manufacturing Pipcline Other:	☐ Manufacturing ✓ Service Station		op Dry Cleaner Tannery	Salvage Yard Electroplating	☐ Bulk Plant ☐ Unknown								
 6. Owners A list of previous owners with names, last known addresses and telephone numbers (describe requestor's relationship, if any, to each previous owner listed. If no relationship, put "none"). 7. Operators A list of previous operators with names, last known addresses and telephone number (describe requestor's relationship, if any, to 													
each previous operator listed. If no relationship, put "none").													

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. Residential Commercial Industrial Current Use: ✓ Vacant Recreational (check all that apply) Unrestricted Residential Commercial Industrial Intended Use: 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 \square 1. Do current historical and/or recent development patterns support the proposed use? (See #12 below re: discussion of area land uses) \square П 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 \checkmark П revitalization plans, designated Brownfield Opportunity Area plans, other adopted land use plans? $oldsymbol{
olimits}$ 4. Are there any Environmental Justice Concerns? (See §27-1415(3)(p)). abla5. 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? \mathbf{V} 7. Is the property accessible to existing infrastructure? 8. Are there important cultural resources, including federal or state historic or heritage sites or Native \square American religious sites within ½ mile? 9. Are there important federal, state or local natural resources, including waterways, wildlife refuges, \mathbf{Z} wetlands, or critical habitats of endangered or threatened species within ½ mile? 10. Are there floodplains within ½ mile? \square 11. Are there any institutional controls currently applicable to the property? NO 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.

	anten i kinderian haj diradika	en e
(By reque	estor who is an individual)	
I hereby a belief. I a Penal Lav	affirm that information provided on this form and its attachments am aware that any false statement made nerelings—wishable as a w.	is true and complete to the best of my knowledge and Class A misdemeanor pursuant to section 210.45 of the
Date.	Signature:	Print Name:
(By an red	questor other than an individual)	
herein is p	affirm that I am Mcm of (title) of 9154 GROUPLICE on; that this application was prepared by me or under my supervisits attachments is true and complete to the best of my knowledge punishable as a Class A misdemeanor pursuant to Section 210.45	and belief. I am aware that any false statement made of the Penal Law.
	CAL INFORMATION:	
• Two	wo (2) copies, one hard copy with original signatures and one ele- diskette, must be sent to:	ctronic copy in Portable Document Format (PDF) on a CD
Ne Div 623	nief, Site Control Section ew York State Department of Environmental Conservation vision of Environmental Remediation 5 Broadway bany, NY 12233-7020	
• On loc	ne (1) hard copy must be sent to the DEC regional contact in the cated. Please check our website for the address of our regional of	regional office covering the county in which the site is ffices: http://www.dec.state.ny.us/website/der/index.html
FOR DEPART	TMENT USE ONLY	
BCP SITE T&	&A CODE: LEAD OFFICE:	

LIST OF APPLICATION ATTACHMENTS

NYSDEC Brownfield Cleanup Program Application Niagara Street and Pennsylvania Avenue Site Buffalo, New York

Attachment No.	Description								
1	Site Description, Location Map and Site Plan								
2	Tax Map								
3	Project Description and Schedule								
4	Proposed Redevelopment Plan								
5	Phase I Environmental Site Assessment								
6	Previous Phase II Environmental Site Assessments								
7	Listing of Current and Previous Site Owners								
8	Listing of Current and Previous Site Operators								
9	Contact List Information								
10	Document Repository Confirmation Letter								
11	Environmental Factors and Historic Land Use Considerations								
12	Nearby Land Use Map								
13	Groundwater Vulnerability Assessment								
14	Description of Site Geography/Geology								



SITE DESCRIPTION, LOCATION MAP & SITE PLAN



Attachment 01

Site Description

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

SITE DESCRIPTION

The subject property (Site) is currently comprised of five separate parcels of land totaling approximately 0.5 acres in the City of Buffalo, County of Erie, New York (see Figures 1-1 and 1-2). There is one vacant gasoline station and automotive repair facility, including abandoned underground storage tanks (USTs), product dispensers and an in-ground hydraulic lift. There is also one active automobile repair facility on-Site. The remainder of the Site is grass or gravel covered.

The five parcels, which comprise the Site, are:

- 517 Niagara Street (SBL No. 110.27-5-1.1, approx. 0.27-acres)
- 513 Niagara Street (SBL No. 110.27-5-28, approx. 0.07-acres)
- 511 Niagara Street (SBL No. 110.27-5-27, approx. 0.07-acres)
- 187 Pennsylvania Avenue (SBL No. 110.27-5-2.1, approx. 0.05-acres)
- 99999 Prospect Avenue (SBL No. 110.27-5-2.2, approx. 0.02-acres)

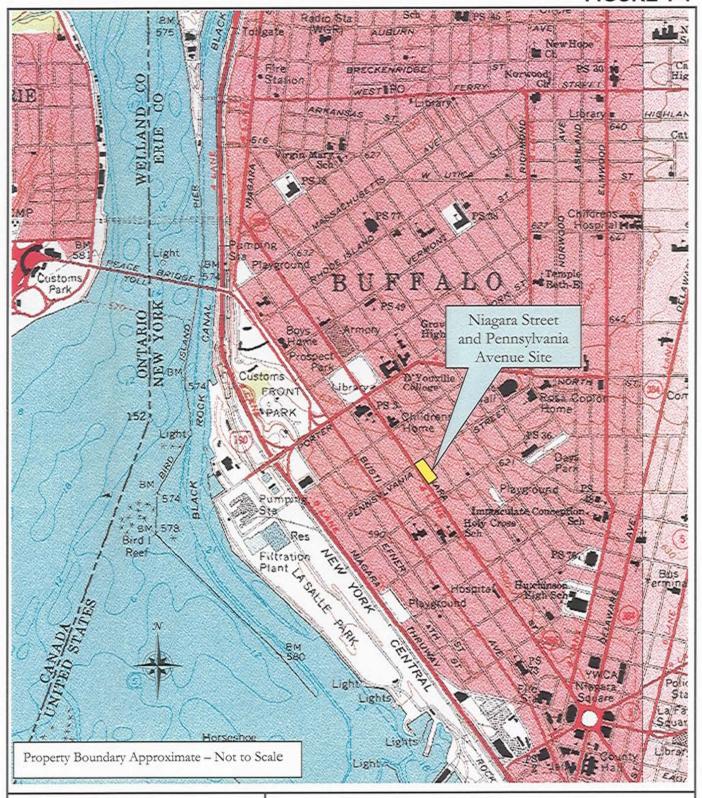
Parcel addresses listed above per Erie County GIS Maps website (http://erie-gis.co.erie.ny.us).

The Site is bound by Pennsylvania Avenue to the north, residential dwellings to the east, Niagara Street to the west, and a residential apartment building to the south. Additionally, Reynolds Alley (owned by the City of Buffalo) runs through the Site northwest-southeast off of Pennsylvania Avenue (see Figure 1-2).

The Site neighbors include commercial buildings to the north and west of the Site, and residential dwelling to east and south of the Site. A land use map for the Site and surrounding area is included in Attachment #12.



FIGURE 1-1





726 EXCHANGE STREET SUITE 624 BUFFALO, NEW YORK 14210 (716) 856-0635

PROJECT NO.: 0136-002-100

DATE: SEPTEMBER 2007

DRAFTED BY: NTM

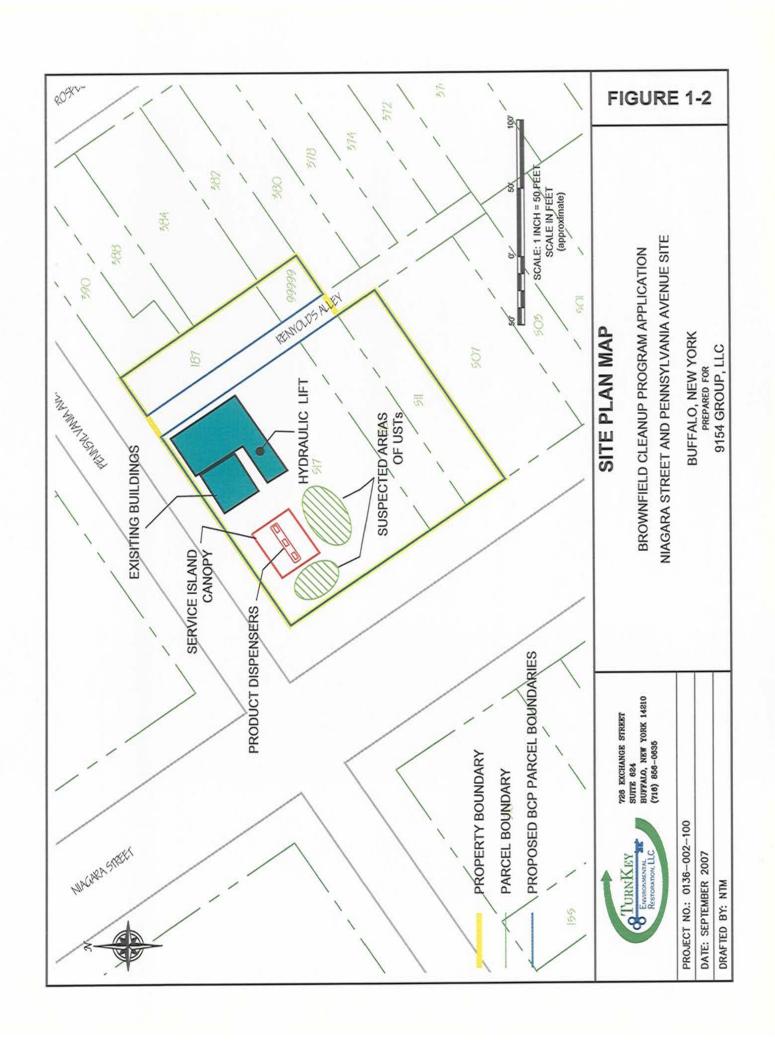
SITE LOCATION AND VICINITY MAP

BROWNFIELD CLEANUP PROGRAM APPLICATION

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE BUFFALO, NEW YORK

PREPARED FOR

9154 GROUP, LLC



SITE PHOTOGRAPHS

Photo 1:



Photo 2:



Photo 3:



Photo 4:



Photo 1: Site building and canopy (Looking East)

Photo 2: Site building (Looking Southeast)

Photo 3: Site building (Looking Northwest)

Photo 4: Two 55-gallon drums outside the site building (Looking North)

Niagara & Pennsylvania Buffalo, New York

Photo Date: July 11, 2007



SITE PHOTOGRAPHS

Photo 5:



Photo 7:

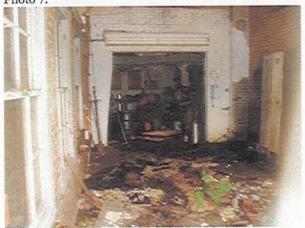


Photo 5: Office/Store area (Looking North)

Photo 6: Electrical panel (Looking Northwest)

Photo 7: Service Bay and lift (Looking East)

Photo 8: Service Bay area (Looking North)

Photo 6:



Photo 8:



Niagara & Pennsylvania Buffalo, New York

Photo Date: July 11, 2007



SITE PHOTOGRAPHS

Photo 9:



Photo 10:



Photo 11:



Photo 12:



Photo 9: Base of a 35-gallon waste oil collection drum

Photo 10: Three dispensers (Looking Southwest)

Photo 11: Leaded gasoline sticker on the side of the dispenser

Photo 12: Vent pipes for gasoline USTs (Looking North)

Niagara & Pennsylvania Buffalo, New York

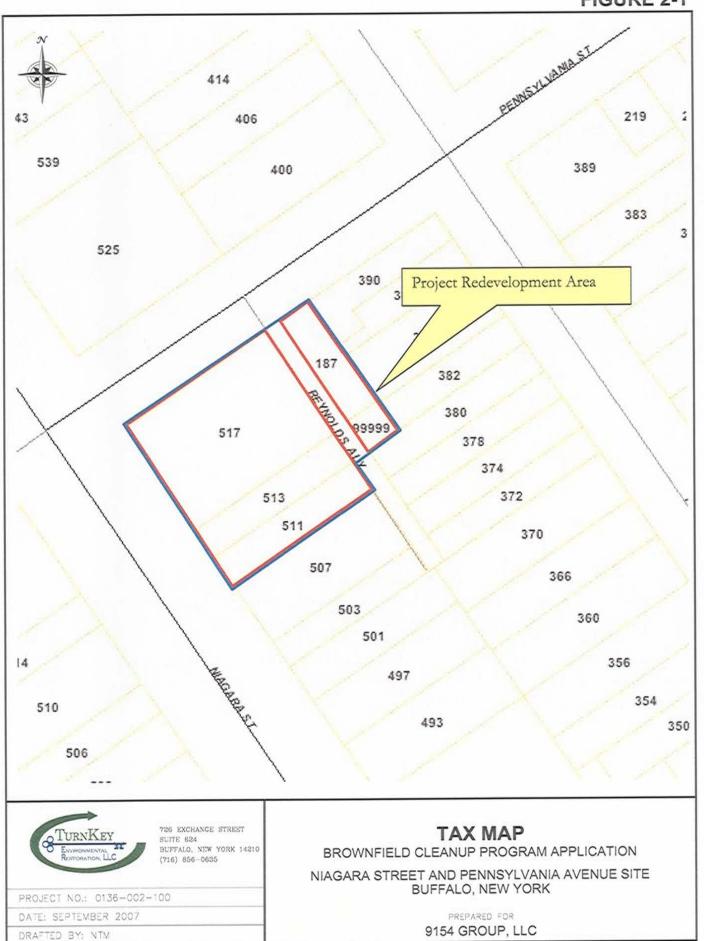
Photo Date: July 11, 2007



TAX MAP



FIGURE 2-1



PROJECT DESCRIPTION & SCHEDULE



Attachment 03

Project Description

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

PROJECT DESCRIPTION

The site is in an economically depressed and highly urbanized area in the City of Buffalo. The site is also located within a New York State designated Environmental Zone (En-Zone) due to the high poverty and unemployment rate.

9154 Group, LLC plans to purchase the Site and construct an approximate 8,000-square foot retail store. 9154 Group, LLC plans to make a capital investment of approximately \$1,000,000 to redevelop the site. The project will create approximately 25 short-term construction jobs and, upon site redevelopment, an anticipated 20 long-term jobs in the inner city of Buffalo. The project will result in redevelopment of an underutilized site comprised of vacant land and a vacant former gasoline station and auto repair facility. Site photographs are provided to illustrate the current poor condition of the site.

The Site has a long history of use as a gasoline station and automobile repair facility. Based on records obtained during the completion of Phase I Environmental Site Assessment, the Site was first utilized as a gasoline station in approximately 1927. Since that time, records indicate that at least 12 underground storage tanks (USTs) have been installed at the site. Current NYSDEC Petroleum Bulk Storage (PBS) records indicate that there are two 6,000-gallon gasoline USTs on-Site that were installed in 1975. A site inspection completed during the Phase I ESA revealed the presence of at least three USTs on-Site. Additional concerns included abandoned drums inside and outside of the building, extensive apparent oil staining inside the former automotive repair area and one in-ground lift inside the former automotive repair area. A previous investigation identified elevated volatile organic compounds (VOCs) in borings adjacent (estimated down-gradient).

9154 Group, LLC is submitting a Remedial Investigation/Alternatives Analysis/Interim Remedial Measures (RI/AAR/IRM) Work Plan concurrently with this BCP application package. The IRM will be completed to immediately address environmental impacts related to past use of the Site as a gasoline station and auto repair facility and will include removal of USTs, product dispensers, product piping, an in-ground hydraulic lift and impacted soil. The RI will include site-wide soil borings and collection of soil samples, and installation and sampling of groundwater monitoring wells to evaluate the extent of petroleum impacts and evaluate whether petroleum or other contaminants are present across the entire development Site. Cleanup objectives utilized for the site will be NYSDEC Part 375 Restricted-Commercial SCOs.



Attachment 03

Project Description

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

PROJECT SCHEDULE

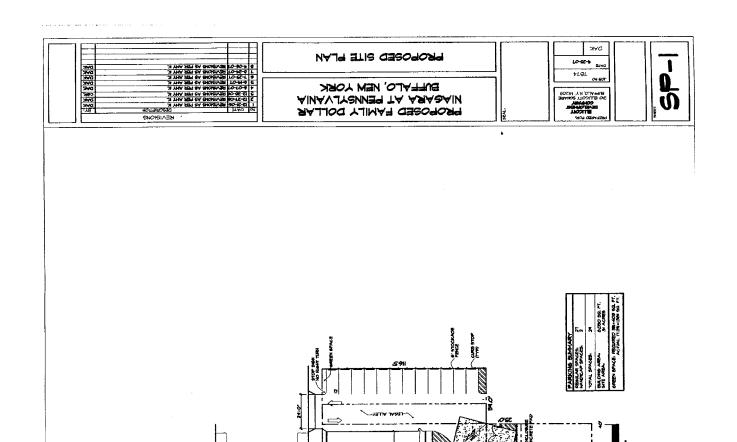
The overall project schedule will be established upon finalization of the Site redevelopment plans. The environmental engineering and consulting tasks associated with the BCP are estimated as follows:

October 2007- Submit BCP application and RI/AAR/IRM Work Plan November 2007- Public Comment Period on RI/AAR/IRM Work Plan December 2007- Execute Brownfield Cleanup Agreement (BCA) December 2007/January 2008- Complete IRM and RI fieldwork February 2008- Prepare and submit RI/AAR/IRM Report April 2008- Prepare Final Engineering Report June 2008- Obtain Certificate of Completion



PROPOSED (DRAFT) REDEVELOPMENT PLAN





FAMILY DOLLAR

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APARTMENT BUILDING

PROPOSED SITE PLAN

PASKING PASKING (TITE)

PHASE I ENVIRONMENTAL SITE ASSESSMENT



Attachment 5

Phase I Environmental Site Assessment Summary

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

A summary of the Phase I ESA that was completed for the Site is presented below. The complete Phase I ESA report is provided on the attached CD.

August 2007-Phase I Environmental Site Assessment

Benchmark conducted a Phase I Environmental Site Assessment (ESA) of the subject property. Benchmark identified several areas of concern, which are described below:

- The Site is made up of five separate parcels (see Attachment 1), which contains a former gasoline station and auto repair facility that was constructed in approximately 1925. The former gas station and auto repair facility is generally in poor condition and in a state of disrepair.
- Municipal records and visual evidence indicate that numerous USTs have been installed and removed starting in approximately 1927, with some records indicating that USTs leaked or ruptured. Additionally, product dispensers related to the former gasoline-filling station, and a in-ground hydraulic lift are present on site.
- Multiple drums, auto parts, batteries, auto-related fluids and lubricants, and waste oils
 were noted on-site. Associated petroleum staining on the floors of the auto repair
 facility was also evident.
- Floor drains with staining/sheen were present in the former auto repair building.
- A west adjacent parcel was formerly utilized as a dry cleaner.
- A previous study completed on portions of the Site and adjacent to the former gasoline station and auto repair facility identified apparent petroleum contamination.



PREVIOUS (OFF-SITE) PHASE II ENVIRONMENTAL INVESTIGATION





Nailing the details Since 1981

Construction Lending Services, Inc. P.O. Box 272 Buffalo, NY 14205 Phone: 716-854-0937 Fax: 716-854-0718

www.clsnailsit.com

June 27, 2003

6253 Group, Inc. 295 Main Street, Suite 210 Buffalo, New York 14203

ATTN:

Mr. Paul V. Moretta

RE:

SUMMARY REPORT: Limited Subsurface Investigation,

South of 517 Niagara Street, Buffalo, New York

NYSDEC Spill #0375039

P.O. 6253-000064

Dear Paul:

Construction Lending Services, Inc. (CLS) is pleased to submit this summary report for the performance of a limited subsurface investigation which was undertaken at the above referenced property (refer to Figure #1). The purpose of the limited subsurface investigation was to determine the presence/absence of potential subsurface contamination associated with the former gasoline dispensing facility north of your firm's property.

A listing of the subject property owner (i.e., J-P Group at 511 Niagara Street), and the two adjacent properties (i.e., Marranca Service, Inc. at 517 Niagara Street and Jeffrey/Judy Drago at 513 Niagara Street) are also presented in the attached real estate record obtained from a web-based real estate data base report, real-info.com (see attached listings). The methodology and results of the investigation are presented in the sections below.

1.0 Limited Subsurface Investigation

The limited subsurface investigation consisted of mobilizing a Geoprobe-type rig from BMS Drilling Services, Inc. to the site for the purpose of obtaining soil samples from 12 shallow soil borings (i.e., identified as B-1 through B-12 on Figure #2).

Continuous soil samples were obtained at each boring location. The recovered soil samples were logged in the field by the *CLS* senior geologist. The recovered soil samples were also scanned with a photoionization detector (PID) for total ionizable compounds (i.e., volatile organics) and evidence of olfactory/visual contamination. It should be noted that based on the recorded PID readings (refer to the attached soil boring logs), elevated PID readings, above ambient atmospheric conditions, were recorded from borings B-8 through B-10. In addition, olfactory evidence of contamination was observed on the recovered soil samples in boring B-8 through B-10, and visual evidence of contamination was observed on the recovered soil samples in boring B-9.

The soil borings were extended to a depth of between 8 feet and 16 feet below ground surface (BGS). The

Rochester	Syracuse	Maryland	Albany	NYC	Harrisburg

borings were extended to the depth where the recovered soil samples exhibited saturated or very moist conditions; this depth represents the first-encountered water (perched) table depth.

Based on the recovered soil samples, the general subsurface conditions consist of either concrete pavement (i.e., sidewalks) or granular fills (i.e., gravel, sand, brick), underlain by red-brown clayey silts/silty clays. A wet tan-brown silt was encountered in borings B-1, B-2, B-7, B-9, B-10, and B-12. The observed moisture conditions of the recovered soil samples indicates that the local groundwater table was encountered in the borings at a depth of between 9 and 14.9 feet BGS. This depth approximately corresponds to the depth of the tan-brown silt soils.

It should be noted that, petroleum hydrocarbon odors and staining were encountered in boring B-9 at a depth of 8 feet to 10 feet BGS.

Based on the limited nature of this subsurface investigation, no soil samples were collected or submitted for laboratory testing. In addition, the field observations recorded during the subsurface investigation indicate that the northwestern corner of the adjacent property (Marranca Service, Inc.) to the subject property (owned by 6253 Group, Inc.) is potentially contaminated with petroleum hydrocarbons.

Conclusions

CLS undertook a limited subsurface investigation program to determine the presence/absence of potential subsurface contamination associated with a former gasoline dispensing facility, located north of the subject property. Based solely on this investigative program, subsurface contamination was encountered north of the subject property. The New York State Department of Environmental Conservation has assigned spill #0375039 to the adjacent property due to the encountered contamination.

Thank you for the opportunity to assist you with this project. Please call the undersigned at your earliest convenience, if you have any questions.

Very truly yours,

CONSTRUCTION LENDING SERVICES, INC.

Andrew J. Kucserik, CPG, PG

And J. Degeseint

Senior Geologist

Manager of Environmental Services

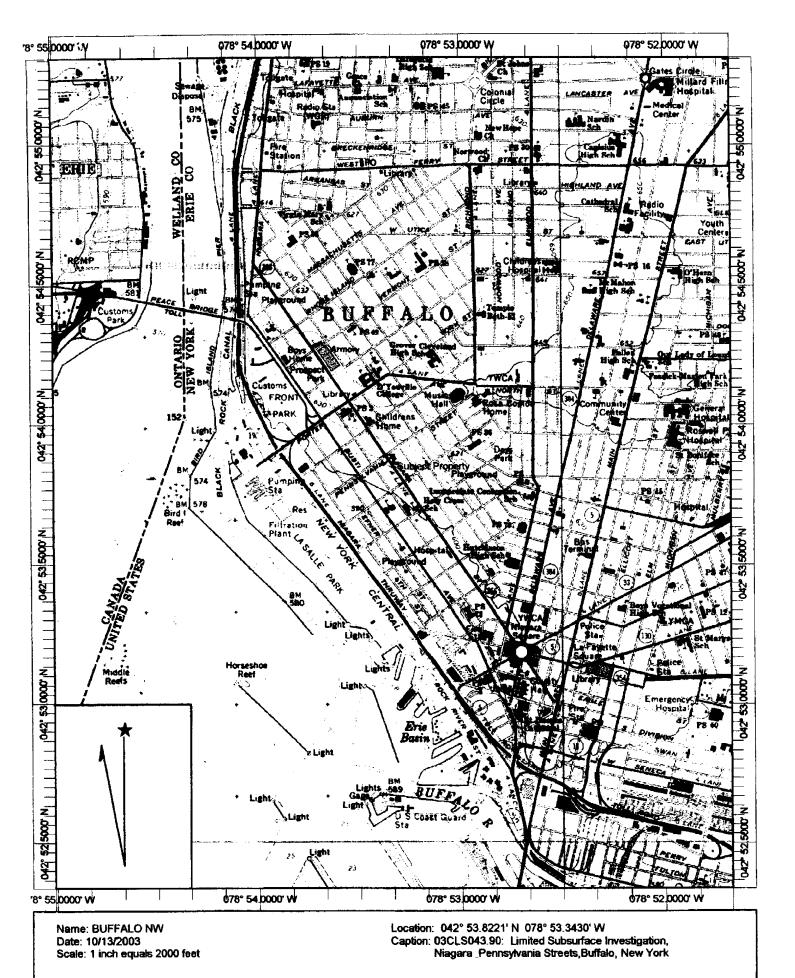
David J. Topian

President

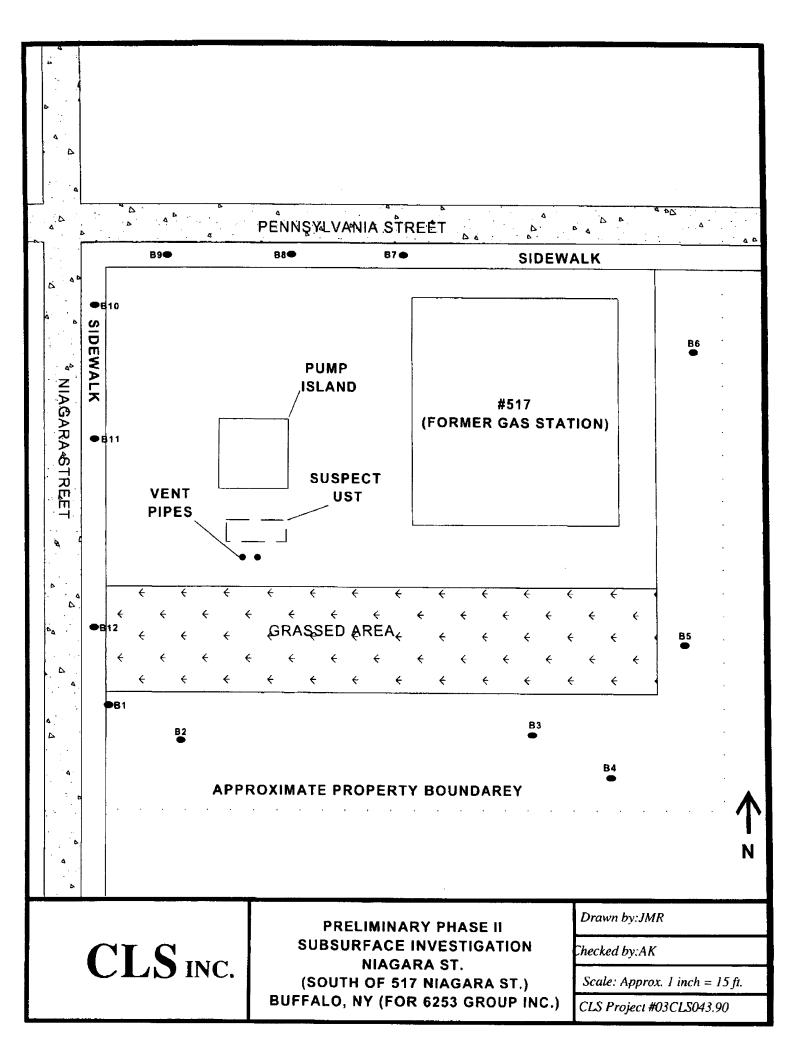
Attachments Figures: #1 - Topographic Map / #2 - Soil Boring Location Plan

Real-info.com Data Base Reports

Soil Boring Logs

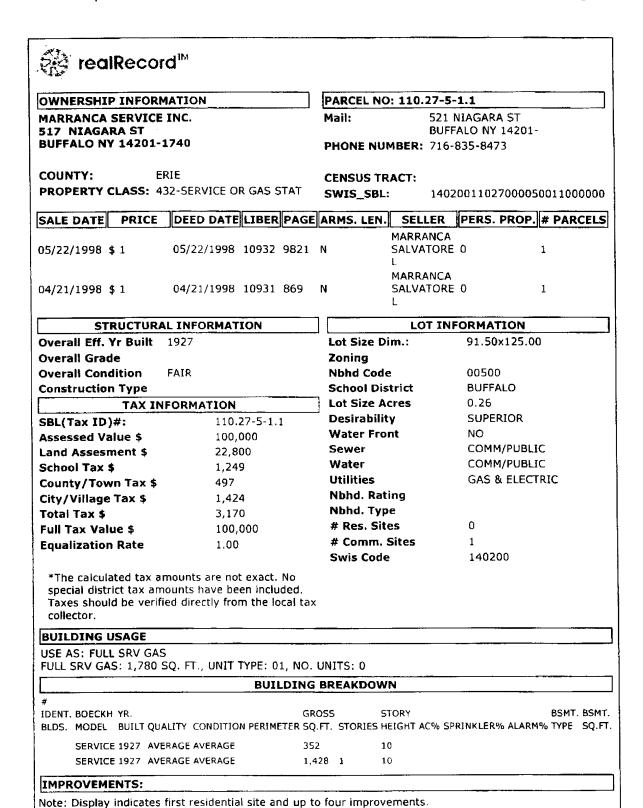


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OWNERSHIP INFOR	MOITAN		PARCEL NO: 110.27-5-27					
J-P GROUP			Mail:					
511 NIAGARA ST					-			
BUFFALO NY 14201-	1740		PHO!	NE NUMBER	t:			
COUNTY:	DIE							
-	RIE	COMM LAND	(C) (C) (C)	IIC TO ACT				
PROPERTY CLASS: 3	ISU-VACANI	COMM LAND	CENS	SUS TRACT:				
SALE INFORMATION	N Sale Da	te 11/17/1992 F	rice \$	0	Deed Da	ate	12/29/1992	
Arms Length	N Libre		Page	514	# Total	Parcels	1	
Personal Property	0 Seller	E	Buyer	UNKNOWN				
SALE HISTORY		PRICE		DATE		SELI	···	
PRIOR # 1		\$ 1,000		08/15/1991		SUCH,SH	IKLEY A	
STRUCTURAL INFO	RMATION	LOT INFO	RMAT	ION	TAX	INFORM	ATION	
Square Feet	0	Lot Size Dim.:	25.00	(125.00	Tax ID#		110.27-5-	
Sqft. 1st Floor		Zoning					27	
Sqft. 2nd Floor		Nbhd Code	00500		Assessed	•	1,600	
Fin. Basement Sqft.		School District		LO		esment \$	•	
Year Built	0	Lot Size Acres			School Ta	· •	20	
Bldg Style		Desirability	TYPIC	AL	=	rown Tax		
# Units	1	Water Front	NO	(D) (D) 7.5	Total Tax	age Tax \$	51	
# Stories	0.00	Sewer		/PUBLIC	Full Tax	•	1,600	
# Baths	0.00	Water		/PUBLIC		value » tion Rate	•	
# Bedrooms		Utilities	GAS 8 ELECT		-40011201	,,on nate	1.00	
# Fireplaces # Kitchens		Nbhd. Rating	,		*The cal	culated ta	x amounts	
# Kitchens Garage Type		Nbhd. Type				exact. No		
Garage Type Garage Bays		# Res. Sites	0		district t	ax amoun	ts have been	
Cooling Detail	NONE	# Comm. Sites	1			. Taxes sh		
Heat Type		Swis Code	14020	00	tax colle		om the local	
Exterior								
Condition	POOR							
Basement Type								
EXEMPTIONS:								
IN THREE IN COLUMN TO THE PROPERTY OF THE PROP								

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OWNERSHIP INFORM	ATION		PARCEL NO:	110.27-5	-28	
DRAGO JEFFREY & JU		J	Mail:	110.27-3		
513 NIAGARA ST				-		
BUFFALO NY 14201-1	740		PHONE NUM	BER:		
COUNTY: ER	IE		CENCUE TO	\ CT-		
PROPERTY CLASS: 33	·= =	ND	CENSUS TRA		700110770000	020000000
			SWIS_SBL:	140.	2001102700005	0280000000
SALE DATE PRICE	DEED DATE LIBER	PAGE	ARMS. LEN.	SELLER	PERS. PROP.	# PARCELS
02/01/1989 \$ 37,000	11/30/1999 0	0	Υ		0	0
STRUCTURAL	INFORMATION			LOT IN	FORMATION	
Overall Eff. Yr Built)		Lot Size Dir	n.:	24.58x125.00)
Overall Grade			Zoning			
Overall Condition			Nbhd Code		00500	
Construction Type			School Dist	rict	BUFFALO	
TAX INF	ORMATION		Lot Size Ac	res	0.07	
SBL(Tax ID)#:	110.27-5-2	8	Desirability	•	TYPICAL	
Assessed Value \$	6,000		Water Fron	t	ИО	
Land Assesment \$	6,000		Sewer		COMM/PUBLI	С
School Tax \$	75		Water		COMM/PUBLI	C
County/Town Tax \$	30		Utilities		GAS & ELECT	RIC
City/Village Tax \$	85		Nbhd. Ratir	ng		
Total Tax \$	190		Nbhd. Type			
Full Tax Value \$	6,000		# Res. Site:	S	0	
Equalization Rate	1.00		# Comm. S	ites	1	
			Swis Code		140200	
*The calculated tax am special district tax amo Taxes should be verifie tax collector.	unts have been inclu	ided.				
BUILDING USAGE						
USE AS: NON-CONTRIB DINER: 777 SQ. FT., UN EXTERNAL APT: 2,789 S			JNITS: 3			
	BUI	LDING	BREAKDOWN			
# IDENT. BOECKH YR. BLDS. MODEL BUILT QUALI	TY CONDITION PERIME	GRO ETER SQ.F			RINKLER% ALARM	BSMT. BSMT % TYPE SQ.F1

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P.O. Box 272, Buffalo, New York 14205

SUBSURFACE LOG

PROJECT	JECT/ LOCATION: Niagara and Pennsylvania Streets							PROJECT No.	03CLS043.90
CLIENT:			Elli	cott Developme	pment Company			WELL/BORING No.	B-1
DATE ST	ARTED:	3/2	4/03	_ DATE COM	IPLETE	D:	3/24/03	RECORDED BY:	A. J. Kucserik
GROUND	WATER D	EPTH WH	IILE DR	ILLING:		0	AFTER COM	PLETION:	0
WEATHE	R:	Sunny, 45	5F	DRILL RIG:	G	eoprobe	DRILLER:	BMS	Drilling
DRILL SI	ZE/TYPE:				_ SAMI	PLE HAMME	R: WEIGHT	FALL	
	<u></u>		1		1		<u> </u>		
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Туре	Blows/6"	N	Recovery (Inches)	(Unified	Material Classification and Soil Classification System-	·
1	0.0	0-2	U		-	30	0.0'-1.5' Brown	n and gray SLAG, Silt, mois	st (FILL)
							1	g.o., carro, one, more	·· (· ·/
2	0.0	2-4	Ų	•	-		1.5'-10.3' Red	-brown, Silty CLAY, trace s	and (moist) (ML-CL)
3	0.0	4-6	U	•	•	48	1		
	, ,		<u> </u>				1		
4	0.0	6-8	U	•	•		-		
	0.0	9 10			 	40	-		
5	0.0	8-10	U	-	-	48	1		
6	0.0	10-12	U	-	<u>.</u>		10.3'-12.0' Ta	n-brown, Silt, trace fine sar	nd, wet (ML)
							Boring Comple	ete @ 12.0'	
							-		
							_		
			<u> </u>		ļ		4		
			ļ <u>.</u>		<u> </u>		-		
		<u> </u>	 				-		
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							7		
NOTES									
		*SS - S	SPLIT-SF	POON SAMPLE	U-L	INDISTURBEI	OTUBE P-F	PISTON TUBE C - COR	SE

P.O. Box 272, Buffalo, New York 14205

SUBSURFACE LOG

PROJEC'	DJECT/ LOCATION: Niagara and Pennsylvania Streets							PROJECT No.	03CLS043.90	
CLIENT:			Ellic	cott Developme	ent Comp	any		WELL/BORING No.	B-2	
DATE ST	ARTED:	3/2	4/03	_ DATE COM	IPLETE	D:	3/24/03	RECORDED BY:	A. J. Kucserik	
GROUNE	WATER D	EPTH WH	IILE DR	ILLING:	<u> </u>	0	AFTER COM	PLETION:	0	
WEATHE	:R:	Sunny, 45	SF	DRILL RIG:	G	eoprobe	DRILLER:	BMS	Drilling	
DRILL \$1	ZE/TYPE:				SAMF	LE HAMME	R: WEIGHT	FALL		
	· · · · · · · · · · · · · · · · · · ·		<u> </u>							
Sample No.	PID/HNu Reading	Depth (Feet)	Туре	Blows/6"	N	Recovery (Inches)	(Unified	Material Classification and Soil Classification System-	·	
1	(ppm) 0.0	0-2	U	-	_	30	0 0'-2 0' Red F	Brick and Sand and Gravel,	little Silt (moist) (FILL)	
,	0.0	<u> </u>	<u> </u>				1 0.0 2.0 7.00	Short and Guild and Gravel,	muc out (most) (i icc)	
2	0.0	2-4	U	<u>-</u>			2.0'-9.0' Red-t	orown, Silty CLAY, trace sa	nd, occassional tan (wet)	
							Silt			
3	0.0	4-6	U	-		48	Partings (mois	st) (ML-CL)		
4	0.0	6-8	U		-		_		ų	
							4			
5	0.0	8-10	U_U	<u> </u>	<u> </u>	48	_			
							9.0'-10.0' Tan	-brown SILT, trace fine san	d (wet) (ML)	
6	0.0	10-12	υ	-	-		40.0' 40.0' Da	ed brown Silky CIAV Areas a		
							10.0-12.0 Re	ed-brown Silty CIAY, trace s	and, moist (ML-CL)	
		<u> </u>					Boring Compl	ete @ 12.0'		
								V.O. @ 12.0		
							7			
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NOTES	1	<u></u>		<u> </u>		<u> </u>				
	*SS - SPLIT-SPOON SAMPLE U UNDISTURBED TUBE P PISTON TUBE C CORE									

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SUBSURFACE LOG

PROJEC	T/ LOCATION	ON: <u>Ni</u>	agara ai	nd Pennsylvani	a Streets	S		PROJECT No.	03CLS043.90		
CLIENT:		 	Elli	cott Developme	ent Company			WELL/BORING No.	B-3		
DATE ST	ARTED:	3/2	4/03	_ DATE COM	MPLETED: 3/24/03		RECORDED BY:	A. J. Kucserik			
GROUNE	OWATER D	EPTH WH	HILE DR	ILLING:	0 AFTER COMP		PLETION:	0			
WEATHE	R:	Sunny, 45	5F	DRILL RIG:	G	eoprobe	DRILLER:	BMS	Drilling		
DRILL SI	ZE/TYPE:		· · · · · · · · · · · · · · · · · · ·		_ SAMF	PLE HAMME	R: WEIGHT				
	<u> </u>	1	T	* * ****			T				
Sample No.	PID/HNu Reading	Depth (Feet)	Туре	Blows/6"	N	Recovery (Inches)	(Unified	Material Classification an Soil Classification System-	· ·		
	_(ppm)										
1	0.0	0-2	U	*		38	l .	SILT, some fine/course S	and, trace gravel, trace		
2	0.0	2-4	υ	-	_		roots, (moist, F	·ILL}			
	0.0			<u> </u>	<u> </u>		1				
3	0.0	4-6	U	-		36	2.5'-12.0' Red	-brown Silty CLAY trace-lif	tle fine-medium Sand		
							2.5'-12.0' Red-brown Silty CLAY, trace-little fine-medium Sand (moist)(ML-CL)				
4	0.0	6-8	U	•	-			,			
5	0.0	8-10	U			48					
			<u> </u>				_				
6	0.0	10-12	U	•							
							Boring Comple	ete @ 12.0'			
<u> </u>					<u> </u>		-				
<u> </u>							_				
							-				
	<u> </u>						1				
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							1				
	<u> </u>										
NOTES											
		*SS - S	PLIT-SP	OON SAMPLE	U – UI	NDISTURBED	TUBE P-P	STON TUBE C - COP	RE		
		1911									

P.O. Box 272, Buffalo, New York 14205

SUBSURFACE LOG

PROJECT/ LOCATION: Niagara and Pennsylvania Streets								PROJECT No.	03CLS043.90		
CLIENT: Ellicott Development Company								WELL/BORING No.	B-4		
DATE ST	3/2	3/24/03 DATE CO			MPLETED: 3/24		RECORDED BY:	A. J. Kucserik			
GROUNDWATER DEPTH WHILE DE					_ AFTER COM	IPLETION:	0				
WEATHER: Sunny, 45F			5F	DRILL RIG: Geoprobe		DRILLER:	BMS Drilling				
DRILL SI	IZE/TYPE:				SAMPLE HAMMI		R: WEIGHT	WEIGHT FALL			
			1					**************************************			
Sample No.	PID/HNu Reading	Depth (Feet)	Туре	Blows/6"	N	Recovery (Inches)	(Unified	Material Classification and Soil Classification System-\	•		
	(ppm)					<u> </u>					
1	0.0	0-2	U	•	-	38	0.0'-3.1' Brown and black fine/coarse SAND, some Foundary Sand,				
		2.4	 		 		little fine/coars	se Gravel, trace slag (moist-	wet, Fill)		
2	0.0	2-4	U	-	7		3 4'-A N' Brown	n fine SAND little Site 4	group (maint) (CD)		
3	0.0	4-6	U		_	48	1	3.1'-4.0' Brown fine SAND, little Silt, trace gravel (moist) (SP) 4.0'-12.0' Red-brown Silty CLAY, some fine/coarse Sand, trace			
	3.0	1	† 				gravel, (moist)		northarse Gand, lidee		
. 4	0.0	6-8	U	-				, , , , , , , , , , , , , , , , , , , ,			
5	0.0	8-10	U		-	48					
6	0.0	10-12	U	-	-						
			ļ		 		Boring Compl	lete @ 12.0'			
	 	ļ	 		 		_				
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		†			1		1				
							1				
NOTES					•						
		*SS - S	SPLIT-SF	POON SAMPLE	U – L	INDISTURBE	D TUBE P - F	PISTON TUBE C COF			
<u> </u>											

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SUBSURFACE LOG

	II EOOATI	<u> </u>		eett Develen			· · · · · · · · · · · · · · · · · · ·	PROJECT No.	
CLIENT:						-		WELL/BORING No.	
	ARTED:			DATE CON	IPLETE			RECORDED BY:	A. J. Kucserik
	OWATER D			-			AFTER COM	·	0
		Sunny, 45	5F	DRILL RIG:	<u>G</u>	eoprobe	DRILLER:	BMS	Drilling
DRILL SI	ZE/TYPE:				SAM	PLE HAMME	R: WEIGHT	FALL	
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Туре	Blows/6"	Z	Recovery (Inches)	(Unified S	Material Classification and	-
11	0.0	0-2	U	<u>.</u>	-	40	0.0'-4.8' Brown	and black fine/coarse SAN	ID, some Slag, little fine/
							coarse Gravel,	trace brick (moist, Fill)	
2	0.0	2-4	U	-	-		-		
3	0.0	4-6	U	-	-	48	4.8'-12.0' Red- gravel (moist) (brown Silty CLAY, some fil	ne/coarse Sand, trace
4	0.0	6-8	U		-		occ. Silt seams	s (wet) @ 9'-10'	
5	0.0	8-10	U			48	_		
							_		
6	0.0	10-12	U	-	-		-		
							Boring Comple	ete @ 12.0'	
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		<u> </u>					-		
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							-		
NOTES	NOTES								
		*SS - S	PLIT-SP	OON SAMPLE	U - U	NDISTURBED	TUBE P-PI	STON TUBE C - COR	E

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SUBSURFACE LOG

PROJEC	T/ LOCATIO	ON: <u>Ni</u>	agara ai	nd Pennsylvani	a Street	s		PROJECT No.	03CLS043.90	
CLIENT: Ellicott Development Company										
DATE ST	ATE STARTED: 3/24/03 DATE COMPLETED: 3/24/03				3/24/03	RECORDED BY:	A. J. Kucserik			
GROUNE	ROUNDWATER DEPTH WHILE DRILLING: 0 AFTER				0					
WEATHE	R:	Sunny, 4	5F	DRILL RIG:	G	eoprobe	DRILLER: BMS Drilling			
DRILL SI	ZE/TYPE:				SAMI	PLE HAMMEI		FALI		
		ı —	1		i -		1			
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Туре	Blows/6"	N	Recovery (Inches)	(Unified	Material Classification a Soil Classification System	and Description n-Visual Manual Method)	
1	0.0	0-2	U	-	-	42	0.0'-4.6' Black	and brown fine/coarse S	AND, some Silt, trace slag,	
							little Cinders (r		, with some one, trace stag,	
2	0.0	2-4	U	-	_			·		
<u>-</u>										
3	0.0	4-6	U	-		48	4.6'-12.0' Red	-brown Silty CLAY, some	fine/coarse Sand, trace	
							gravel (moist)	(ML-CL)		
4	0.0	6-8	U	-	-		_			
			-				1			
5	0.0	8-10	U		-	48				
6	0.0	10-12	U							
- 0	0.0	10-12	-		-		Paring Comple	oto @ 42.0'	•	
							Boring Comple	ete @ 12.0		
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NOTES		<u> </u>	<u>. </u>			<u> </u>	<u> </u>			
NO1E2										
		*SS - S	PLIT-SP	OON SAMPLE	U-U	NDISTURBED	TUBE P-P	ISTON TUBE C - CC	RE	

P.O. Box 272, Buffalo, New York 14205

Tel. (716) 854-0937 Fax (716) 854-0718

SUBSURFACE LOG

PROJEC	T/ LOCATION	ON: <u>Ni</u>	agara a	nd Pennsylvan		PROJECT No.	03CLS043.90			
CLIENT:				cott Developm				WELL/BORING No.		
DATE ST	ARTED:	4/1	6/03	DATE COM	MPLETE	D:	4/16/03	RECORDED BY:		
GROUNI	OWATER D	EPTH WI	HILE DF			0_	AFTER COM		0	
WEATHE	ER:	Sunny, 5	5F	DRILL RIG:	G	eoprobe	_	BMS		
DRILL SI	ZE/TYPE:				SAM	PLE HAMME	R: WEIGHT	FALL		
		1	 	<u> </u>	 		T			
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Туре	Blows/6*	N	Recovery (Inches)	(Unified	Material Classification and Soil Classification System		
1	0.0	0-2	U	-		30	0.0'-0.3' Conc	rete (Sidewalk)		
			ļ		ļ		0.3'-4.5' Brow	n SILT, little fine/coarse Sar	nd, trace clay (moist, Fill)	
2	0.0	2-4	U	<u>-</u>			4			
							1			
3	0.0	4-6	U	-		36	1		e/coarse Sand, trace gravel	
4	0.0	6-8	U				_ (moist) (ML-C	L)		
	0.0						1			
5	0.0	8-10	U	-		48	9.0'-10.5' Tan	-brown SILT, trace sand, tra	ace clay (wet) (ML)	
6	0.0	10-12	U	<u>-</u>	_		10.5'-12.0' Re	d-brown Clayey SILT, little	fine/coarse Sand, trace	
							gravel (moist)			
					ļ		Boring Compl	ete @ 12.0'		
			ļ		-		-			
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NOTES										
										
	*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE									

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SUBSURFACE LOG

PROJEC	PROJECT/ LOCATION: Niagara and Pennsylvania Streets							PROJECT No.	03CLS043.90
CLIENT:	CLIENT: Ellicott Development Company					WELL/BORING No.	B-8		
DATE ST	ARTED:	4/1	6/03	DATE COM	IPLETE	D:4	1/16/03	RECORDED BY:	A. J. Kucserik
GROUNE	OWATER D	EPTH WH	IILE DR	ILLING:	<u> </u>	0	AFTER COM	PLETION:	0
WEATHE	R:	Sunny, 55	5F	DRILL RIG:	G	eoprobe	DRILLER:	ВМ	S Drilling
DRILL SI	ZE/TYPE:				_ SAMF	PLE HAMMEI	R: WEIGHT	FALL	
Sample	PID/HNu	Depth	Туре	Blows/6*	N	Recovery		Material Classification a	ad Description
No.	Reading	(Feet)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			(Inches)	(Unified	Soil Classification System	,
	(ppm)		<u> </u>						The same of the sa
11	0.0	0-2	U	-		38	1	rete (Sidewalk)	
							1	n and black TOPSOIL (mo	
2	0.0	2-4	U		-		1.5'-5.0' Tan-b	prown SILT, little fine Sand	I, trace clay (wet) (ML)
3	0.0	4-6	U	-	-	36	5.0'-12.0' Red	-brown Clayey SILT, little	fine/coarse Sand, trace
	152.0						gravel (moist)		·
4	72.0	6-8	U		-		occ. Silt lense:	s @ 10.5'-10.7' and @ 11	.3'-11.4'
	54.8								
5	56.1	8-10	U		-	48			
ļ	76.7	ļ							
6	1.9	10-12	U		-]		
		<u> </u>					Boring Comple	ete @ 12.0'	
		<u> </u>							
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NOTES					!	<u> </u>	·!		
		*SS - S	PLIT-SP	OON SAMPLE	U - U	NDISTURBED	TUBE P-P	ISTON TUBE C - CO	RE

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SUBSURFACE LOG

PROJEC	I/ LOCATION	ON: <u>Ni</u>	agara a	nd Pennsylvani		PROJECT No.	03CLS043.90			
CLIENT:			Elli	WELL/BORING No.	B-9					
DATE ST	ARTED:	4/1	4/16/03 DATE COMPLETED: 4/16/03					RECORDED BY:	A. J. Kucserik	
GROUN	OWATER ป	EPTH WH	HILE DR	ILLING:		0	AFTER COM	·	0	
WEATHE	ER:	Sunny, 45	5F	DRILL RIG:	G	eoprobe	DRILLER:	BMS	Drilling	
DRILL SI	ZE/TYPE:		<u> </u>		SAMI	PLE HAMME	R: WEIGHT	FALL		
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Туре	Blows/6"	N	Recovery (Inches)	(Unified S	Material Classification and	•	
1	0.0	0-2	U			40	0.0'-0.2' Concr	ete (Sidewalk)		
							0.2'-0.4' Brown	SAND and Gravel moist (FILL)	
2	0.0	2-4	U	- ·			0.4'-5.3' Tan-bi	rown SILT, little fine/coarse	e Sand, trace clay (moist)	
							(ML)			
3	74.4	4-6	U		-	48	5.3'-7.5' Tan-bi	rown SILT, little fine/coarse	e Sand, trace clay (wet)	
							(ML)			
4	0.0	6-8	U	-	-		l	brown Clayey SILT, some	fine/coarse Sand, trace	
-							gravel (moist) (·		
5	0.0	8-10	Ų			48	Black staining,	wet, petroleum product od	lors	
6	0.0	10-12	U		_		_			
		10-12				-	Boring Comple	ate @ 12 0′		
							_ bonning compile	12.0		
						-				
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NOTES					<u> </u>	<u> </u>	<u> </u>			
	*SS - SPLIT-SPOON SAMPLE U UNDISTURBED TUBE P - PISTON TUBE C CORE									
	· · · · · · · · · · · · · · · · · · ·									

P.O. Box 272, Buffalo, New York 14205

SUBSURFACE LOG

PROJEC	T/ LOCATION	ON: <u>Ni</u>	agara ai		PROJECT No.	03CLS043.90			
CLIENT:									
DATE ST	ARTED:	4/1	6/03	_ DATE COM	APLETE	D:	4/16/03	RECORDED BY:	A. J. Kucserik
GROUNE	OWATER D	EPTH W	IILE DR	ILLING:		0	AFTER COM	PLETION:	0
WEATHE	R:	Sunny, 5	5F	DRILL RIG:	Geoprobe DRILLER:		DRILLER:	BMS Drilling	
DRILL SI	ZE/TYPE:				_ SAMI	PLE HAMME	R: WEIGHT	FALL	
	· · · · · · · · · · · · · · · · · · ·		T				T	-	
Sample No.	PID/HNu Reading	Depth (Feet)	Type	Blows/6"	N	Recovery (Inches)	(Unified (Material Classification and	· 1
4	(ppm)	0.2	.,			-			<u> </u>
1	0.0	0-2	U.	•		28	7	rete (Sidewalk)	
2	7.1	2-4	Ų	-			l .	n/black Clayey SILT some	fine/coarse Sand, trace
	9.3				-		gravel (moist-v	vet) (FILL)	
3		4-6	U		-	42	1		
	180.0						-		
4		6-8	U	_	-		6.8'-14.9' Tan-	brown SILT, little fine Sand	d (wet) (ML)
									·
_ 5	90.3	8-10	U	•	-	48			
							_		
6		10-12	U	•	-				
	404.0	40.44				. <u>.</u>	-		
7	121.0	12-14	U	-	<u> </u>	48	110140010		
8	1.7	14-16	Ü	_			gravel (moist)	d-brown Clayey SILT, little	fine/coarse Sand, trace
							Boring Comple		
				· · · · · · · · · · · · · · · · · · ·				AC @ 10.0	

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							_		
							-		
							_		
NOTES			<u> </u>			<u> </u>			
HOTES									
		*SS - S	PLIT-SP	OON SAMPLE	U - U	NDISTURBED	TUBE P-PI	STON TUBE C - COR	E

P.O. Box 272, Buffalo, New York 14205

SUBSURFACE LOG

PROJEC				nd Pennsylvan				PROJECT No.	03CLS043.90
CLIENT:			Elli	WELL/BORING No	. <u>B</u> -11				
DATE ST	ARTED:		6/03				· · · · · · · · · · · · · · · · · · ·		A. J. Kucserik
GROUNE	OWATER D	EPTH WH	HILE DR	RILLING:		0	AFTER COM		0
WEATHE	ER:	Sunny, 55	ōF	DRILL RIG:	G	Seoprobe_			MS Drilling
DRILL SI	ZE/TYPE:				_ SAM	PL E HAMM E	R: WEIGHT		LL
				1					
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Туре	Blows/6"	N	Recovery (Inches)	1	Material Classification	and Description em-Visual Manual Method)
1	0.0	0-2	U	_	-	29	0.0'-0.1' Concre	ete (Sidewalk)	
							7	•	coarse Sand (moist) (FILL)
2	0.0	2-4	U	-	-		1	· -	// (/
							_		
3	0.0	4-6	Ų		-	31	4		
				 			4		
4	0.0	6-8	U					olack TOPSOIL (moist-	
5	0.0	8-10	U	-		40			le fine/coarse Sand, trace
<u> </u>	0.0	U-10	<u> </u>	-	 	48	gravel (moist) (IVIL-GL)	
6	0.0	10-12	U		-		1		
							1		
]		
							Boring Comple	te @ 12,0'	
							1		
							4		
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]		
NOTES									·
							b		
		*SS - SI	PLIT-SPO	OON SAMPLE	U - U	NDISTURBED	TUBE P - PIS	STON TUBE C - C	ORE
	0 T								

P.O. Box 272, Buffalo, New York 14205

SUBSURFACE LOG

PROJECT/ LOCATION: Niagara and Pennsylvania Streets								PROJECT No.	03CLS043.90
CLIENT:	OLIENT							WELL/BORING No.	
DATE ST	FARTED:	4/1	6/03	DATE COM	MPLETE	D:	4/16/03		
GROUNI	DWATER D					0	AFTER COM		0
WEATH	ER:	Sunny, 5	5F	DRILL RIG:	G	Seoprobe	DRILLER:		Drilling
DRILL S	IZE/TYPE:				SAMI	PLE HAMME	- R: Weight		
<u></u>			T	1	T	 			
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type	Blows/6"	N	Recovery (Inches)	(Unified !	Material Classification an	•
1	0.0	0-2	U			20	0.0'-0.1' Concr	ete (Sidewalk)	
							0.1'-1.0' Brown	and black SAND and Gra	ivel, moist (FILL)
2	0.0	2-4	U		- !		1.0'-3.0' Tan-b	rown SILT, little fine/coars	e Sand, trace clay (moist)
3	0.0	4-6	U			40	(ML)		
					-	48	3.0°-8.0° Red-b (ML-CL)	rown Clayey SILT, some f	ine/coarse Sand, (moist)
4	0.0	6-8	U				Boring Comple	ete @ 8.0'	
							-		
				-			-		
							-		
						·	_		
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]		
		<u></u>							
NOTES									
									
		*SS - S	PLIT-SP	OON SAMPLE	U – U	NDISTURBED	TUBE P-PIS	STON TUBE C - COR	E

LISTING OF CURRENT & PREVIOUS SITE OWNERS



Listing of Current & Previous Site Owners

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site **Brownfield Cleanup Program Application**

INTRODUCTION

Reasonable attempts were made to attain complete previous site owner contact information. In some cases, previous owners complete contact information was not available.

The following table lists the current and previous property owners:

Parcel Address and SBL No.	Date(s)	Relationship to Applicant
517 Niagara Street (SBL No. 110.27-5-1.1,	approx. 0.27-acres)	
Current Owner		
Marranca Service Inc. 186 Nicholson Street, Buffalo, NY 14216 Unknown Phone Number	May 1998 - Present	None
Previous Owners		
Salvatore L. Marranca 186 Nicholson Street, Buffalo, NY 14216 Unknown Phone Number	June 1974 – May 1998	None
Lucy A. Curley Treasurer Of The City Of Buffalo City Of Buffalo 716-851-5722	Dec 1972 – June 1974	None
513 Niagara Street (SBL No. 110.27-5-28,	approx. 0.07-acres)	
Current Owner		
84 Group Inc. 295 Main Street, Suite 210, Buffalo, NY 14203 716-854-0060	Jan 2004 - Present	Related Entity to the Applicant
Previous Owners		
John Gargrave Address Unknown Unknown Phone Number	Feb 1992 - Jan 2004	None
Vincent P. And Thomas J. Mangione Address Unknown Unknown Phone Number	June 1991 – Feb 1992	None



Listing of Current & Previous Site Owners

511 Niagara Street (SBL No. 110.27-5-27, approx. 0.07-acres)								
Current Owner								
JP Group 295 Main Street, Suite 210 Buffalo, NY 14203 716-854-0060	Nov 1992 - Present	Related Entity to the Applicant						
Previous Owners								
Carl P. Paladino / Jacobi 295 Main Street, Suite 210 Buffalo, NY 14203 716-854-0060	Pre – November 1992	Related Entity to the Applicant						
187 Pennsylvania Avenue (SBL No. 110.27-5-	2.1, approx. 0.05-ac	res)						
Current Owner								
84 Group Inc. 295 Main Street, Suite 210 Buffalo, NY 14203 716-854-0060	Jan 2004 - Present	Related Entity to the Applicant						
Previous Owners								
John Gargrave Address Unknown Unknown Phone Number	Pre – Jan 2004	None						
99999 Prospect Avenue (SBL No. 110.27-5-2.2,	approx. 0.02-acres)							
Current Owner								
J.P. Group LLC 5142 Bussendorfer Road Orchard Park, NY 14127 716-854-0060	Feb 2002 - Present	Related Entity to the Applicant						
Previous Owners								
James R. Nelson Address Unknown Unknown Phone Number	Pre – Feb 2002	None						



LISTING OF CURRENT & PREVIOUS SITE OPERATORS



Listing of Current & Previous Site Operators

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

INTRODUCTION

Reasonable attempts were made to attain complete previous site operator contact information. In some cases, complete contact information was not available. No information was gathered to confirm that previous site operators differed from the previous site owners. As such, the information included below is identical to the information in Attachment #7.

Parcel Address and SBL No.	Date(s)	Relationship to Applicant
517 Niagara Street (SBL No. 110.27-5-1.1,	approx. 0.27-acres)	
Current Owner		
Marranca Service Inc. 186 Nicholson Street, Buffalo, NY 14216 Unknown Phone Number	May 1998 - Present	None
Previous Owners		
Salvatore L. Marranca 186 Nicholson Street, Buffalo, NY 14216 Unknown Phone Number	June 1974 – May 1998	None
Lucy A. Curley Treasurer Of The City Of Buffalo City Of Buffalo 716-851-5722	Dec 1972 – June 1974	None
513 Niagara Street (SBL No. 110.27-5-28,	approx. 0.07-acres)	
Current Owner		
84 Group Inc. 295 Main Street, Suite 210, Buffalo, NY 14203 716-854-0060	Jan 2004 - Present	Related Entity to the Applicant
Previous Owners		
John Gargrave Address Unknown Unknown Phone Number	Feb 1992 - Jan 2004	None
Vincent P. And Thomas J. Mangione Address Unknown Unknown Phone Number	June 1991 – Feb 1992	None



Listing of Current & Previous Site Operators

511 Niagara Street (SBL No. 110.27-5-27, app	prox. 0.07-acres)	
Current Owner		
JP Group 295 Main Street, Suite 210 Buffalo, NY 14203 716-854-0060	Nov 1992 - Present	Related Entity to the Applicant
Previous Owners		
Carl P. Paladino / Jacobi 295 Main Street, Suite 210 Buffalo, NY 14203 716-854-0060	Pre – November 1992	Related Entity to the Applicant
187 Pennsylvania Avenue (SBL No. 110.27-5-	2.1, approx. 0.05-ac	res)
Current Owner		
84 Group Inc. 295 Main Street, Suite 210 Buffalo, NY 14203 716-854-0060	Jan 2004 - Present	Related Entity to the Applicant
Previous Owners		
John Gargrave Address Unknown Unknown Phone Number	Pre – Jan 2004	None
99999 Prospect Avenue (SBL No. 110.27-5-2.2,	approx. 0.02-acres)	
Current Owner		
J.P. Group LLC 5142 Bussendorfer Road Orchard Park, NY 14127 716-854-0060	Feb 2002 - Present	Related Entity to the Applicant
Previous Owners		
James R. Nelson Address Unknown Unknown Phone Number	Pre – Feb 2002	None



CONTACT LIST INFORMATION



Contact List Information

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

CONTACT LIST

The following is the contact list information for the subject property. The following contacts will be sent fact sheets throughout the project's duration.

New York State Contacts & Elected Officials:

Director Abby Snyder N.Y.S. D.E.C., Region 9 270 Michigan Avenue Buffalo, NY 14203

Mr. Daniel David N.Y.S. D.E.C., Region 9 270 Michigan Avenue Buffalo, NY 14203

Mr. Chad Staniszewski N.Y.S. D.E.C., Region 9 270 Michigan Avenue Buffalo, NY 14203

Ms. Megan Gollwitzer N.Y.S. D.E.C., Region 9 270 Michigan Ave. Buffalo, N.Y 14203

Mr. Cameron O'Connor N.Y.S. D.O.H. 584 Delaware Avenue Buffalo, NY 14202

Mr. Richard Fedigan N.Y.S.D.O.H 547 River St. Troy, NY 12180 Mr. Martin Doster N.Y.S. D.E.C., Region 9 270 Michigan Avenue Buffalo, NY 14203

Ms. Meaghan Boice-Green N.Y.S. D.E.C., Region 9 270 Michigan Ave. Buffalo, N.Y 14203

Community Outreach File N.Y.S. D.E.C., Region 9 270 Michigan Ave. Buffalo, N.Y 14203

Mr. Matt Forcucci N.Y.S. D.O.H. 584 Delaware Avenue Buffalo, NY 14202

Senator Charles Schumer U.S. Senate, Suite 660 130 South Elmwood Avenue Buffalo, NY 14202

Senator Hillary Rodham-Clinton 726 Exchange St., Ste. 511 Buffalo, NY 14210

Contact List Information

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

Assemblyman Sam Hoyt 144st Assembly District, NYS Assembly 936 Delaware Avenue, Suite 005 Buffalo, NY 14209

Senator William Stachowski 58th District, NYS Senate 2030 Clinton Street Buffalo, NY 14206 Congresswoman Louise M. Slaughter 28th District, U.S. Congress 465 Main Street, Suite 105 Buffalo, NY 14203

Congressman Brian M. Higgins 27th District, U.S. Congress 726 Exchange Street, Suite 601 Buffalo, NY 14210

Erie County Contacts:

Honorable Joel Giambra Erie County Executive 95 Franklin Street Buffalo, NY 14202

Commissioner Andrew Eszak Erie Co. Environment & Plan. 95 Franklin Street Buffalo, NY 14202

Mr. Robert Graber Erie County Legislature Clerk 25 Delaware Avenue Buffalo, NY 14202

Commissioner Anthony Billittier Erie Co. Health Dept. 95 Franklin Street, Room 931 Buffalo, NY 14202 Erie County Legislator Maria R. Whyte District 6 286 Lafayette Avenue Buffalo, NY 14213

Mr. Paul Kranz Erie Co. Environment & Plan. 95 Franklin Street Buffalo, NY 14202

Mr. Michael Raab Erie Co. Environment & Planning 95 Franklin Street Buffalo, NY 14202

Erie County Local Emergency 45 Elm St. Buffalo, NY 14203

Contact List Information

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

David Stebbins ECIDA 275 Oak St. Buffalo, NY 14203

Christopher Pawenski Erie County DEP 95 Franklin St. Buffalo, NY 14202

Mr. Peter Camaratta Erie Co. Industrial Development Agency 275 Oak Street Buffalo, NY 14203

City of Buffalo Contacts:

Mayor Byron W. Brown City Hall Buffalo, NY 14202

David Franczyk, President Buffalo Common Council 1315 City Hall Buffalo, NY 14202

Clerk Charles Michaux Buffalo City Clerk City Hall, Room 1308 Buffalo, NY 14202

Mr. David DiSalvo Buffalo Planning Department 901 City Hall Buffalo, NY 14202

Zoning Board:

James Lewis, III Chairman Room 1801, City Hall Buffalo, NY 14202

Councilman Brian Davis 1408 City Hall Buffalo, NY 14202

Mr. James Smith Buffalo Env. Mgt. Commission 920 City Hall Buffalo, NY 14202

Mr. Thomas Fitzpatrick Buffalo Haz. Mat. Captain 195 Court Street Buffalo, NY 14202

Contact List Information

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

Commissioner Joseph Ryan Buffalo Community Development 920 City Hall Buffalo, NY 14202

Mr. John Sniderhan Buffalo Disaster Coordinator 195 Court Street Buffalo, NY 14202 Ms. Sandy Nasca Buffalo Corporation Counsel 1101 City Hall Buffalo, NY 14202

Supplier of Potable Water:

Erie County Water Authority 350 Ellicott Square Building 295 Main Street Buffalo, NY 14203

Local News Media:

Buffalo News ATTN: Mr. Jay Bonfatti 1 News Plaza Buffalo, NY 14240

WIVB - Ch. 4 ATTN: Ms. Lisa Fullone 2077 Elmwood Avenue Buffalo, NY 14207 WGRZ TV - Ch. 2 ATTN: Ms. Maria Sisti 259 Delaware Avenue Buffalo, NY 14202

WKBW News Channel 7 ATTN: Ms. Melanie Pritchard 7 Broadcast Plaza Buffalo, NY 14202

Contact List Information

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

Alternate Press ATTN: Mr. Joe Schmidbauer P.O. Box 729, Washington Station Buffalo, NY 14205

WBEN News Radio 930 Entercom Radio of Buffalo 500 Corporate Pkwy Suite 200 Buffalo, NY 14226 Business First ATTN: Anne Marie Franczyk 465 Main Street Buffalo, NY 14203-1793

WNED, Environmental News Desk ATTN: Mr. Michael Desmond P.O. Box 1263, Horizons Plaza Buffalo, NY 14240

Document Repository (see Attachment 10):

Buffalo & Erie County Public Library Central Branch 1 Lafayette Square Buffalo, NY 14203

Nearby Schools:

Principal Phillip Friot PS #77 Community School 370 Normal Avenue Buffalo, NY 14213

Principal PS #3, D'Youville Porter Campus 255 Porter Avenue Buffalo, NY 14201 Principal Kevin Eberle Grover Cleveland High School 110 14th Street Buffalo, NY 14213

Principal Debra Washington PS #38, Frank A. Sedita Academy School 21 Lowell Place Buffalo, NY 14213

Contact List Information

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

Other Interested Parties:

Mr. Brian Smith Citizens Campaign- Environment 227 McConkey Ave. Tonawanda, NY 14223 WNY Director Citizens Env. Coalition 543 Franklin Street Buffalo, NY 14202-1109



AREA PROPERTY OWNERS

Adjacent Property Address		Owner Name and
No.	Street	Mailing Address
543	Niagara Street	Current Resident 543 Niagara Street Buffalo, NY 14201
540	Niagara Street	Current Resident 540 Niagara Street Buffalo, NY 14202
539	Niagara Street	Current Resident 539 Niagara Street Buffalo, NY 14202
526	Niagara Street	Christine's Apartments c/o Apartment Manager 526 Niagara Street Buffalo, NY 14203
525	Niagara Street	Restaurant Manager 525 Niagara Street Buffalo, NY 14203
518	Niagara Street	H&H Properties 5389 S. Freemen Road Orchard Park, NY 14127
514	Niagara Street	H&H Properties 5389 S. Freemen Road Orchard Park, NY 14128
510	Niagara Street	Integrated Quality Soultions 1460 Military Road Kenmore, NY 14217
507	Niagara Street	Current Resident 507 Niagara Street Buffalo, NY 14203
506	Niagara Street	Current Resident 506 Niagara Street Buffalo, NY 14204
503	Niagara Street	Current Resident 503 Niagara Street Buffalo, NY 14204
502	Niagara Street	Current Resident 502 Niagara Street Buffalo, NY 14204
501	Niagara Street	Current Resident 501 Niagara Street Buffalo, NY 14205



AREA PROPERTY OWNERS

Adjacent Property Address		Owner Name and
No.	Street	Mailing Address
500	Niagara Street	Current Resident 500 Niagara Street Buffalo, NY 14206
497	Niagara Street	Current Resident 497 Niagara Street Buffalo, NY 14206
493	Niagara Street	Current Resident 493 Niagara Street Buffalo, NY 14207
419	Prospect Avenue	Current Resident 419 Prospect Avenue Buffalo, NY 14203
414	Prospect Avenue	Current Resident 414 Prospect Avenue Buffalo, NY 14204
406	Prospect Avenue	Current Resident 406 Prospect Avenue Buffalo, NY 14205
405	Prospect Avenue	Current Resident 405 Prospect Avenue Buffalo, NY 14206
401	Prospect Avenue	Current Resident 401 Prospect Avenue Buffalo, NY 14207
400	Prospect Avenue	Current Resident 400 Prospect Avenue Buffalo, NY 14208
390	Prospect Avenue	Current Resident 390 Prospect Avenue Buffalo, NY 14207
389	Prospect Avenue	Current Resident 389 Prospect Avenue Buffalo, NY 14208
388	Prospect Avenue	Current Resident 388 Prospect Avenue Buffalo, NY 14208
384	Prospect Avenue	Current Resident 384 Prospect Avenue Buffalo, NY 14209



AREA PROPERTY OWNERS

Adjacent Property Address		Owner Name and
No.	Street	Mailing Address
383	Prospect Avenue	Current Resident 383 Prospect Avenue Buffalo, NY 14210
382	Prospect Avenue	Current Resident 382 Prospect Avenue Buffalo, NY 14209
381	Prospect Avenue	Current Resident 381 Prospect Avenue Buffalo, NY 14209
380	Prospect Avenue	Current Resident 380 Prospect Avenue Buffalo, NY 14210
378	Prospect Avenue	Current Resident 378 Prospect Avenue Buffalo, NY 14210
377	Prospect Avenue	Current Resident 377 Prospect Avenue Buffalo, NY 14211
374	Prospect Avenue	Current Resident 374 Prospect Avenue Buffalo, NY 14210

⁻⁻ Residents names withheld for privacy concerns

DOCUMENT REPOSITORY CONFIRMATION LETTER





September 20, 2007

Michael C. Mahaney Library Director Buffalo & Erie County Public Library Central Branch 1 Lafayette Square Buffalo, New York 14203

Re: Document Repository for Brownfield Cleanup Program

1093 Group, LLC

Niagara Street and Pennsylvania Avenue Site

Dear Mr. Mahaney:

Per our telephone conversation, thank you for agreeing to the Central Library acting as the document repository for the above-referenced Site. In the future, we will be sending various documents related to the referenced site that should be made available for public review upon request.

Please contact Mr. Michael Lesakowski or me at 856-0635 if you have questions or require additional information.

Sincerely,

Benchmark Environmental Engineering & Science, PLLC

Nathan F. Munley

Environmental Scientist

c: File: 0136-002-100

ENVIRONMENTAL FACTORS AND HISTORIC LAND USE CONSIDERATIONS



Environmental Factors & Historic Land Use Considerations

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

INTRODUCTION

The following provides a brief summary of the site:

- There are no State or Federal wetlands or floodplains on the site
- The site is located within a predominantly urban-developed area.
- The site is not adjacent to a Significant Coastal Fish and Wildlife Habitat.
- There are no threatened or endangered species, nor important plant habitats listed at the site.



NEARBY LAND USE MAP



Surrounding Land Use Description

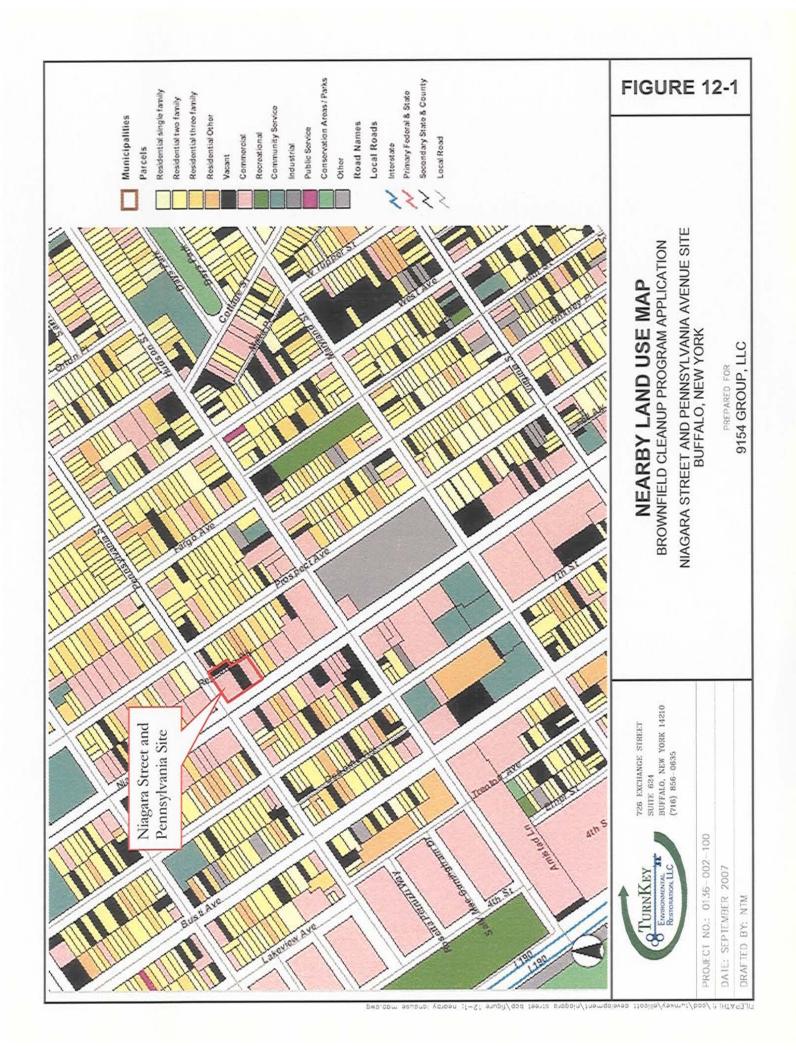
9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

SURROUNDING LAND USE DESCRIPTION

The Site, which is made up of five separate parcels (see Attachment 1 for addresses and SBL No.), is bound by Pennsylvania Avenue to the north, residential dwellings to the east, Niagara Street to the west, and a residential apartment building to the south. Additionally, Reynolds Alley (owned by the City of Buffalo) runs through the Site northwest-southeast off of Pennsylvania Avenue

Properties adjacent to the Site include several commercial buildings to the north and west of the Site, and residential dwelling to east and south of the Site (see Figure 12-1).





GROUNDWATER VULNERABILITY ASSESSMENT



Groundwater Vulnerability Assessment

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

POTENTIAL VULNERABILITY OF GROUNDWATER TO CONTAMINATION

A previous off-site subsurface soil investigation indicated potential petroleum impacted soil/fill and groundwater in the vicinity of the Site. No groundwater samples have been collected for the subject property. Currently, there are no known deed restrictions on the use of groundwater at the site and groundwater supply wells are not present on the site. Regionally, groundwater in the area has not been developed for industrial, agriculture, or public supply purposes. Potable water service is provided offsite and onsite by the local municipal water authority.

GROUNDWATER FLOW/RECHARGE

Regional groundwater appears to flow west towards Lake Erie and the Niagara River (see Attachment 1).

RECOMMENDATIONS

Further work is required to investigate groundwater quality data. Additional wells to assess groundwater flow patterns and water quality will be needed.



DESCRIPTION OF SITE GEOGRAPHY/GEOLOGY



Description of Site Geography/Geology

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

ECOLOGICAL SETTING

A majority of the site is covered with existing buildings, asphalt parking and roadway (Reynolds Alley), and a small manicured lawn area.

The Site is located within the Erie-Niagara River basin. Viable aquatic habitats in the vicinity of the Site include the Niagara River (approximately 0.75-miles west) and Lake Erie (approximately 1.5 miles southwest).

DEMOGRAPHY AND LAND USE

The Site is located in highly developed urbanized area of the City of Buffalo, Erie County, NY. Land use surrounding the Site includes commercial, residential, and some vacant properties (see Figure 12-1).

REGIONAL GEOLOGY/HYDROGEOLOGY

The Site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie, except in the immediate vicinity of major drainageways (USDA, 1978). The surficial geology of the Lake Erie Plain consists of a thin glacial till (if present), glaciolacustrine deposits, recent alluvium, and the soils derived from these deposits.

Surface soils within the City are characterized as urban land with level to gently sloping land in which 80 percent or more of the soil surface is covered by asphalt, concrete, buildings, or other impervious structures (USDA, 1978) typical of an urban environment. The presence of overburden fill material is widespread and common throughout the City of Buffalo

Based on the bedrock geologic map of Erie County (Buehler and Tesmer, 1963), the Site is situated over Onondaga Formation of the Middle Devonian Series. The Onondaga Formation is comprised of a varying texture from coarse to very finely crystalline with a dark gray to tan color and chert and fossils within. The unit has an approximated thickness of 110 to 160 feet.



Description of Site Geography/Geology

9154 Group, LLC Niagara Street and Pennsylvania Avenue Site Brownfield Cleanup Program Application

SITE GEOLOGY/HYDROGEOLOGY

Based on a previous investigation, the geology at the site is generally described as fill materials overlying red-brown clay. The fill materials consist of silt, sand, and gravel with varying amounts of brick fragments at depths ranging from 0.5 to 2.5 fbgs. Native materials consist of red-brown clay with varying amounts of sand and gravel to depths up to 16 fbgs.

Site groundwater will be investigated during the RI fieldwork.

