



BCA Site No. C00494-7

# Remedial Action Report 315 Wavel Street Syracuse, New York

July 2004

REMEDIAL ACTION REPORT  
315 WAVEL STREET  
SYRACUSE, NEW YORK  
SITE # C00494-7

Prepared for

NEW YORK STATE DEPARTMENT  
OF ENVIRONMENTAL CONSERVATION

Prepared by

S&W REDEVELOPMENT OF NORTH AMERICA, LLC  
430 East Genesee Street  
Syracuse, New York 13202

July 2004

Project No. R10015

CERTIFICATION:

I certify that the Remediation Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department approved Remediation Work Plan and were witnessed by a person under my direct supervision.

Howard B. LaFever

Howard B. LaFever, P.E.

7/28/04  
Date:



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## **REMEDIATION ACTION REPORT**

### **1 - INTRODUCTION**

The County of Onondaga and the limited liability company 315 Wavel Street, LLC have together entered into a Voluntary Cleanup Agreement (VCA) on January 16, 2002, as co-volunteers, to investigate and remediate the parcel of land at 315 Wavel Street (VCA Site No. V-00494-7 - Figure 1). On January 5, 2004 the VCA was transitioned into the Brownfield Cleanup Program (BCP) and a new Brownfield Cleanup Agreement (BCA) was executed. Under the terms of the BCA, the volunteers must define the nature and extent of site contamination and implement an appropriate remedy that is acceptable to the NYS Department of Environmental Conservation (NYSDEC) and take into consideration the site's contemplated future use.

S&W Redevelopment of North America, LLC (SWRNA) has investigated and coordinated the remediation of the site on behalf of the volunteers. The site history, environmental conditions, and findings of the investigations conducted on the site are contained in the Site Investigation Report (SIR) (S&W Redevelopment of North America, LLC, March 2003). A Remediation Work Plan has been developed and approved by the NYSDEC on December 9, 2003. The Remediation Work Plan was implemented on June 10-11, 2004. The Remedial Action Report (RAR) provides a summary of the remediation activities and the required documentation necessary for the issuance of a Certificate of Completion (COC).

### **2 - REMEDIATION ACTION GOALS**

The contemplated use category of the site is designated as:

- **Restricted Commercial:** Residential uses are not allowed in this category. Commercial and industrial uses are allowed, but may require institutional controls and/or engineering controls.

Based on this contemplated use and the findings of the site investigation, the applicable remediation goals were identified.

The overall remediation goal is to meet applicable standards, criteria and guidance and be protective of human health of the environment. The goals identified for this site are as follows:

- Eliminate, to the extent practical, the potential for direct human contact with SVOC (PAHs) and metals contaminated surface and subsurface soils.

In order to achieve these goals, the following remediation plan has been developed to remediate the site to meet the contemplated use and be protective of public health and the environment:

- An area (approximately 16' x 22') in the vicinity of the loading dock (see Figure 2) will have the top 24" of soil removed and be filled with clean granular material. This approach will remove the contaminated surface and subsurface soils and eliminate the potential exposure pathway.
- The remaining gravel driving surface will have the surface scraped (top 2"), backfilled, and regraded to promote drainage using a clean granular stone fill material (See Figure 2). This approach will remove the contaminated surface soils and eliminate the potential exposure pathway.

In addition to the site remediation work, the standard deed restrictions under the BCA will apply. The deed restrictions are:

shall prohibit the Site from ever being used for purposes other than for commercial/industrial use without the express written waiver of such prohibition by the Department, or if at such time the Department shall no longer exist, any New York State department, bureau, or other entity replacing the Department;

shall prohibit the use of the groundwater underlying the Site without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the Department, or if at such time the Department shall no longer exist, any New York State department, bureau, or other entity replacing the Department;

shall provide that Volunteer, on behalf of itself and its successors and assigns, hereby consents to the enforcement by the Department, or if at such time the Department shall no longer exist, any New York State department, bureau, or other entity replacing the Department, of the prohibitions and restrictions that Paragraph X of the VCA requires to be recorded, and hereby covenants not to contest such enforcement.

These deed restrictions will be incorporated into an Environmental Easement to run with the deed of the property. The environmental easement shall be recorded with the Onondaga County Clerk's Office.

### **3 - REMEDIAL ACTION SUMMARY**

In accordance with the BCA, a construction notification was sent out to the contact list on May 17, 2004 (minimum 10 days prior to start of construction). On June 10, 2004 the remedial construction work was initiated. S&W Services, Inc. completed the remedial construction. A rubber-tired backhoe was used to excavate soils in the loading dock area. The top 2" of surface material in the driving area was scraped using a tracked dozer. The excavated material was loaded in polyethylene sheeting lined roll-off containers and staged on-site. The containers were covered with polyethylene sheeting at the end of the day. One composite characterization sample was taken in accordance with the disposal location requirements. Once the characterization sample analytical results were received the soil material was transported to the Ontario County Landfill for disposal. One soil end point sample was taken from the bottom of the excavation in the loading dock area. Table 2 provides a summary of the analytical data compared to NYSDEC soil guidance values and standards. Upon completion of the excavation and drive surface material removal, the excavation and drive surface were backfilled with run-of-crusher stone. The excavation in the loading dock area was completed in 12-inch lifts using a self-propelled roller. The area was graded to drain to the eastern portion of the property. There were no substantive changes to the work proposed in the Remediation Work Plan other than the excavation in the loading dock area was extended to remove a 2-inch thick layer of black colored soil (presumed to be cobalt impacted). The excavation was extended to the south of the proposed excavation area approximately 2-feet, and extended from the build-out approximately 10-feet. The layer was encountered at approximately 6-inches below grade and soil was excavated to approximately one-foot below grade.

A total of 73.81 tons of soil material was removed in roll-off containers from the site for disposal at the Ontario County Landfill on June 22-23, 2004. The corresponding manifests and disposal facility receipts are provided in Attachment C.

During the course of the remediation work, the Community Air Monitoring Plan (CAMP) was implemented. Real time particulate (dust) measurements were taken at various intervals at an upwind and downwind location. Measurements were taken at approximately 4-5-feet above the ground surface. Air monitoring data is presented in Table 2. In general, there was minimal visible dust generated during site activities due to the ground surfaces conditions being damp from precipitation. Based on the site conditions, field observations and real time monitoring the

downwind particulate levels were not greater than 100 micrograms per cubic meter above background (upwind).

**Table 2. Perimeter Air Monitoring Data**

<b>Date</b>	<b>Time</b>	<b>Upwind Particulate Concentrations (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>Downwind Particulate Concentrations (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>Surface Conditions</b>
6/10/04	8:40am	7.1	7.0	Wet
6/10/04	1:45pm	5.6	9.3	Wet
6/11/04	8:10am	13.8	11.8	Damp
6/11/04	12:30pm	4.2	7.4	Dry

#### **4 - FINDINGS AND CONCLUSIONS**

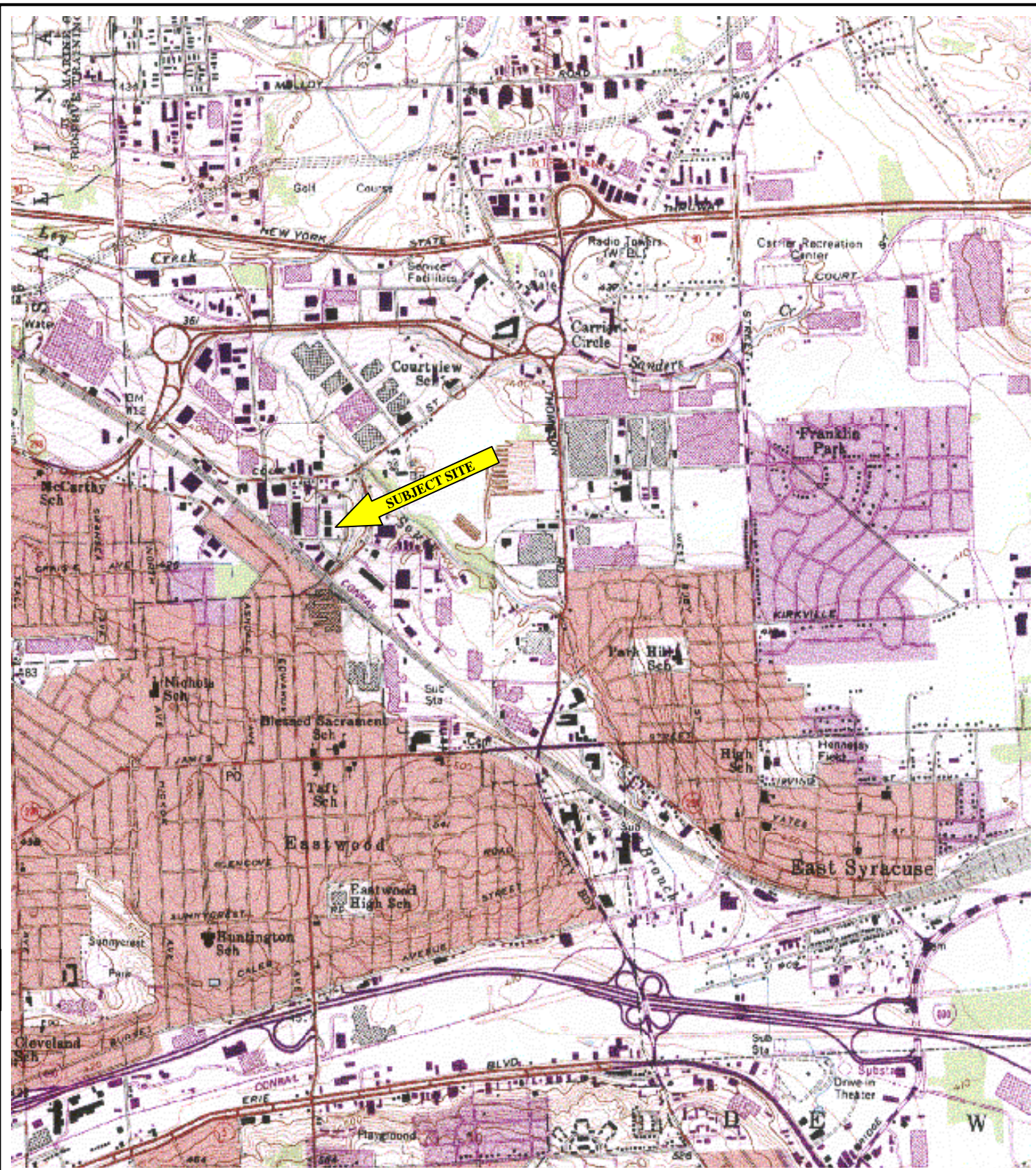
The remediation of the site has been completed in accordance with the Remediation Work Plan. Based on the end point analytical results, there is no residual contamination at concentrations above NYSDEC standards or guidance values remaining in the areas of concern at the site. Therefore, there are no engineering controls required and no proposed operations, maintenance or monitoring for the site. In addition, there are no financial assurances required for this site. Subsequent actions to be taken include 1) implementing the institutional controls (see Section 5) associated with the site (upon NYSDEC approval of the Environmental Easement Language); 2) issuance of a notification and fact sheet to the site contact list (proposed fact sheet provided in Appendix E) once the NYSDEC is prepared to approve the RAR.

#### **5 - INSTITUTIONAL CONTROLS**

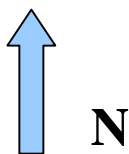
Other than the deed restrictions related to uses of the site, use of groundwater and NYSDEC access there are no other institutional or engineering controls planned for the site. An Environmental Easement is included in Attachment B to this report for the NYSDEC's review and comment. Once the Environmental Easement language is approved it will be filed with the Onondaga County Clerk's Office. Certification of the recordation of the Environmental Easement will be submitted to the NYSDEC.



## Figures



**Figure 1 – Site Location**

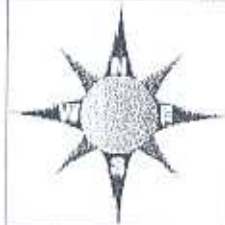


July 2004  
 Job # R10015  
 Not to Scale

315 Wavel Street  
 Site Investigation  
 Syracuse, Onondaga Co., NY



**S&W Redevelopment**  
 of North America, LLC



EXISTING STREET BOUNDARY

WAVEL STREET

176.04' EXISTING STREET BOUNDARY

N 00°01'38" W - 81.00'

2 STORY CONCRETE BLOCK BUILDING #311

DAVID J. VENDITTI  
(REPUTED OWNER)  
L. 3979 P. 114

STONE  
N 89°58'22" E / - 360.00'

AREA - 29160± SQUARE FEET OR 0.669 ACRES

ASPHALT PARKING

8" BIRCH  
S-2  
(4) BOLLARDS

315 WAVEL STREET REDEVELOPMENT, LLC  
(REPUTED OWNER)  
L. 4893 P. 305  
2 STORY CONCRETE BLOCK BUILDING #315

LOADING DOCK

(2) BOLLARDS  
S 89°58'22" W - 360.00'

ASPHALT

2 STORY CONCRETE BLOCK BUILDING #321

URIAH PAUL MONTCLAIR  
(REPUTED OWNER)  
L. 4655 P. 005

MW-2  
RIM=97.64'  
T/PVC=97.34'  
GRAVEL  
WOOD-BLOC

MW-4  
RIM=98.10'  
T/PVC=97.50'  
LIGHT BRUSH

HEAVY BRUSH  
S-3

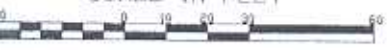
MW-3  
RIM=97.76'  
T/PVC=97.44'  
24" TREE

S 00°01'38" E - 81.00' E/F

POZNAN STREET (POSTED)

EXISTING STREET BOUNDARY

SCALE IN FEET



**LEGEND**  
 MONITORING WELL  
 SURFACE SOIL  
 CATCH BASIN  
 SURFACE SOIL REMOVAL  
 SUBSURFACE SOIL REMOVAL



**S&W Redevelopment**  
of North America, LLC

Job#-R10015 April 2003

**FIGURE 1**  
REMEDIATION PLAN  
315 WAVEL STREET

## Tables

TABLE 1. Soil Sample Data - Semivolatile Organic Compounds, SWRNA (June 2004).

Compound (mg/Kg)	TAGM	LD #1
1,2,4-trichlorobenzene	0.03	U
1,2-dichlorobenzene		U
1,2-diphenylhydrazine		U
1,3-dichlorobenzene		U
1,4-dichlorobenzene		U
2,4-dinitrotoluene		U
2,6-dinitrotoluene	0.1	U
2-chloronaphthalene		U
2-methylnaphthalene		U
2-nitroaniline		U
3,3-Dichlorobenzidine	0.9	U
4-Bromophenyl phenyl ether	0.8	U
4-Chloroaniline	0.2	U
4-Chlorophenyl phenyl ether		U
4-Nitroaniline		U
acenaphthene		U
Acenaphthylene	4.4	U
aniline		U
Anthracene		U
Benzo(a)anthracene	13	U
Benzo(a)pyrene	0.4	U
Benzo(b)fluoranthene	0.22	U
Benzo(g,h,i)perylene		U
Benzo(k)fluoranthene	0.1	U
benzyl alcohol		U
bis(2-chloroethoxy)methane	36.4	U
bis(2-chloroethyl) ether	0.43	U
Bis(2-ethylhexyl)phthalate		U
Butyl benzyl phthalate	0.24	U
Chrysene	1	U
dibenz(a,h)anthracene	0.33	U
Dibenzofuran	0.43	U
Diethyl phthalate	2	U
dimethyl phthalate	0.2	U
Di-n-butyl phthalate	41	U
Di-n-octyl phthalate		U
Fluoranthene	50	U
Hexachlorobenzene	6.2	U
hexachlorobutadiene	0.1	U
hexachlorocyclopentadiene	50	U
hexachloroethane		U
Indeno(1,2,3-cd)pyrene		U
isophorone	0.41	U
naphthalene	7.1	U
nitrobenzene		U
n-Nitrosodimethylamine	1	U
n-Nitrosodiphenylamine		U
n-nitrosodipropylamine		U
phenanthrene	50	U
pyrene	50	0.0591
pyridine		U
TOTAL SVOCs		0.0591

U - Indicates that the compound was not present above detection limits.

J - Indicates that the value reported is an estimate.

\* - Indicates that the compound exceeded the NYSDEC standard for this sample.

Standards taken from the NYSDEC Technical and Administrative Guidance Memorandum #4046 (January 1994).

TABLE 1. Soil Sample Data - Metals, SWRNA (June 2004).

Analyte (mg/Kg)	TAGM	LD #1
Antimony		U
Arsenic	7.5	U
Beryllium	0.16	0.56 *
Cadmium	1	U
Chromium	10	11.3 *
Cobalt	30	8.53
Copper	25	14.3
Lead		U
Mercury	0.1	U
Nickel	13	11.5
Selenium	2	U
Silver		U
Thallium		U
Zinc	20	48.2 *

U - Indicates that the analyte was not present above detection limits.

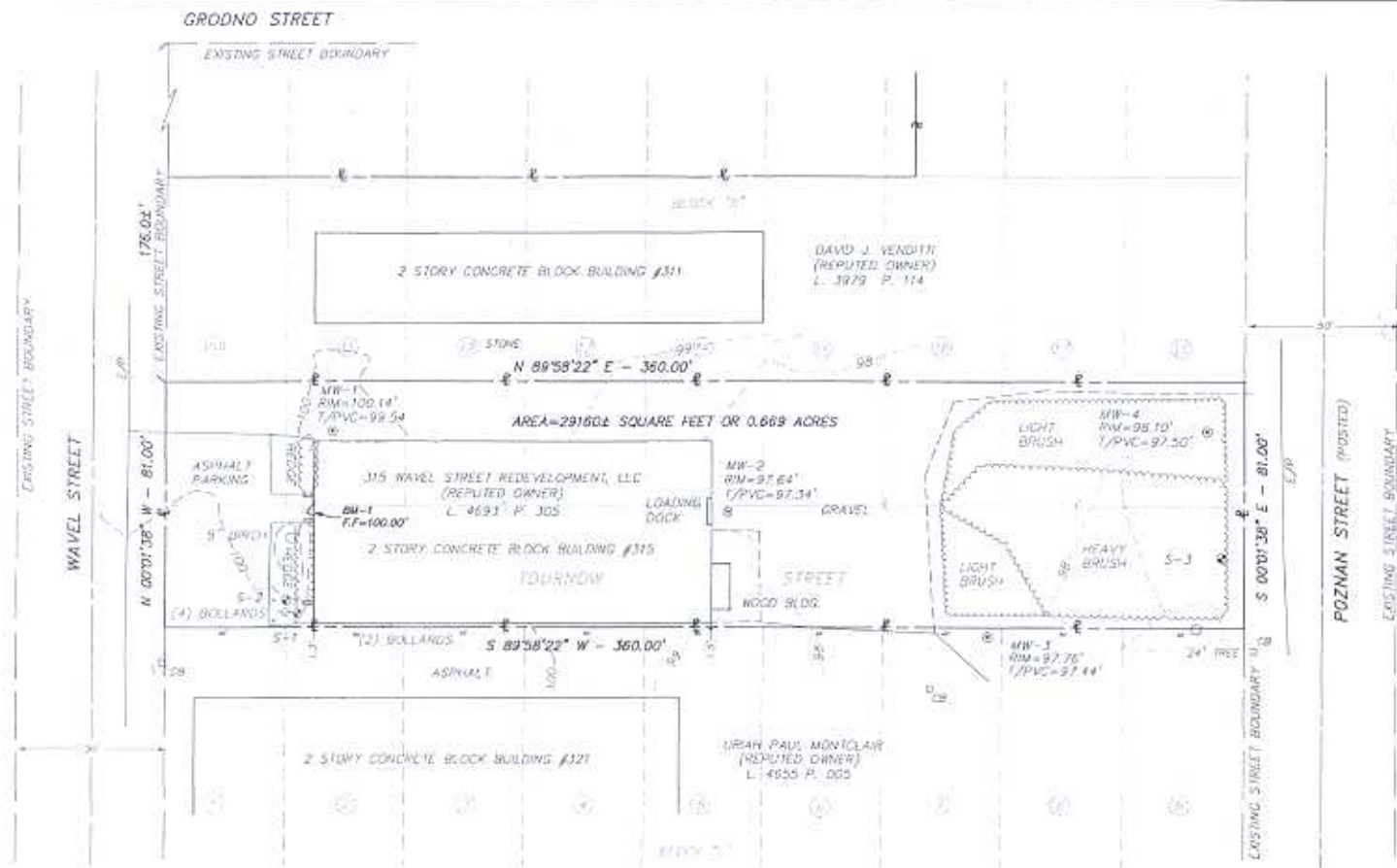
\* - Indicates that the analyte exceeded the NYSDEC standard for this sample.

Standards taken from the NYSDEC Technical and Administrative Guidance Memorandum #4046 (January 1994).

## Attachments

Attachment A -  
Property Line Survey





- LEGEND:**
- MONITORING WELL
  - SURFACE SOIL
  - CATCH BASIN
  - SUBDIVISION LOT No.

**DEED REFERENCE:**

- 1) QUIT CLAIM DEED FROM THE COUNTY OF ONONDAGA TO 315 WAVE STREET REDEVELOPMENT, LLC AS RECORDED IN DEED 4693 AT PAGE 305.
- 2) WARRANTY DEED FROM CARRIER CORP TO THRUSH PROPERTIES, LLC AS RECORDED IN DEED 4411 AT PAGE 152.
- 3) QUIT CLAIM DEED FROM DAVID W. QUINE AND ANN M. QUINE TO ANN M. QUINE AS RECORDED IN DEED 4623 AT PAGE 93.
- 4) ADMINISTRATORS DEED FROM BILLY C. MAPLES, JR TO THRUSH PROPERTIES, LLC AS RECORDED IN DEED 4488 AT PAGE 206.
- 5) QUIT CLAIM DEED FROM CLIFTON DEVELOPMENT, INC TO DAVID J. VENDITT AS RECORDED IN DEED 3979 AT PAGE 114.
- 6) WARRANTY DEED FROM JACOB J. HAFNER, THOMAS L. HAFNER AND DAVID P. DIHARA TO MICHAEL E. GAREY AS RECORDED IN DEED 3422 AT PAGE 157.

**MAP REFERENCE:**

MAP ENTITLED "COURTVIEW HEIGHTS, SURVEY FOR HOME DEVELOPMENT CO. BY J.S. WOODARD, ENG. DATED JULY 1920 AND FILED IN THE ONONDAGA COUNTY CLERK'S OFFICE OCTOBER 22, 1920 AS MAP No. 1705.



**Bryant Associates**  
 Engineers - Surveyors - Landscape Architects

I HEREBY CERTIFY THAT THIS IS AN ACCURATE MAP MADE FROM AN ACCURATE SURVEY PREPARED UNDER MY DIRECTION.

*March 12, 2003*

*Thomas W. Book*

THOMAS W. BOOK, P.E., L.S.  
 PLS LICENSE No. 019212  
 FOR BRYANT ASSOCIATES, P.C.

TOPOGRAPHIC SURVEY OF  
 315 WAVE STREET  
 REDEVELOPMENT, LLC  
 REPUTED OWNER.

PART OF FARM LOT No. 29  
 PART OF LOTS 10-1B  
 BLOCK "A"  
 COURTVIEW HEIGHTS

TOWN OF SCRIPPS  
 COUNTY OF ONONDAGA  
 STATE OF NEW YORK

Attachment B - Draft  
Environmental Easement

## EXHIBIT B

### Environmental Easement

#### ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE ENVIRONMENTAL CONSERVATION LAW

This environmental easement agreement is made this \_\_\_\_ day of \_\_\_\_\_, 2004, between *315 Wavel Street, LLC* having an office at *430 East Genesee Street, Syracuse, NY 13202*, hereinafter referred to as the "Grantor", and the State of New York, acting through the New York State Department of Environmental Conservation with its headquarters located at 625 Broadway, Albany, New York 12233, hereinafter referred to as the "Grantee."

**WHEREAS** the Grantor, owner in fee of real property located in the *City of Syracuse, Onondaga County, New York* known and designated on the tax map of the *Town of Dewitt* as *315 Wavel Street*, being the same as that Property conveyed to Grantor by *Quit Claim* deed on *March 6, 2002*, and recorded in the Land Records of the *Onondaga County Clerk* at *LIBER 4693, page 305*, comprised of approximately *0.6-* acres, and more particularly described in Exhibit A attached hereto and incorporated herein by reference, hereinafter known as the "Property" and; *survey map prepared by Bryant Associates, PC.*

**WHEREAS** the Legislature of the State of New York has declared that it is in the public interest to create environmental easements because such easements are necessary for the protection of human health and the environment; to achieve the requirements for remediation established at contaminated sites by providing a means to ensure the performance of operation, maintenance, and monitoring; and to ensure the enforcement potential restriction of future uses of the land; and

**WHEREAS** the Property was a contaminated site which has undergone an environmental remediation project which has been determined to be safe for specific use, but not all uses, and which requires groundwater use restrictions; and

**WHEREAS** the Grantor has furnished documentation to the Grantee to enable the Grantee to determine that this Environmental Easement is enforceable; and

**WHEREAS** Grantor has entered into a Brownfield Site Cleanup Agreement Index No. *A7-0456-0110* (the "Agreement") for Property, Site No. *V-00494-7*. Pursuant to Paragraph X of the Agreement Grantor has agreed to record an Environmental Easement to run with the land in favor of the State which complies with the requirements of Environmental Conservation Law ("ECL") Article 71, Title 36; and

**WHEREAS** the Grantee agrees to accept this environmental easement for the protection of human health and the environment.

**NOW THEREFORE**, Grantor, on behalf of itself, its successors and assigns, in consideration of the terms of the Agreement and other favorable consideration, does hereby give, grant, covenant and declare in favor of the Grantee, pursuant to ECL Article 71 Title 36, that the Property shall be subject to this environmental easement; and with respect to the Property, does give, grant, and convey the Grantee with general warranties of title the perpetual right to enforce this environmental easement which shall be the nature and character, and to the extent set forth herein.

**1. Purpose.** It is the purpose of this environmental easement to convey to the Grantee real property rights, which will run with the land, to achieve the requirements for remediation established for the Property and to protect human health and the environment by reducing the risk of exposure to contaminants.

**2. Restrictions.** The following restrictions specifically apply to the property, run with the land and are binding on the Grantor:

- a. The owner of the Property shall prohibit the Property from ever being used for purposes other than for *commercial or industrial uses* without the express written waiver of such prohibition by the Grantee.
- b. The owner of the Property shall prohibit the use of the groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the Grantee.
- c. The owner of the Property shall continue in full force and effect any institutional controls required under the Agreement and maintain such controls unless the owner first obtains permission to discontinue such controls from the Grantee.
- d. Any lease, license, or other instrument granting a right to use the Property shall incorporate, either in full or by reference, this environmental easement.

**3. Right to Enter and Inspect.** To assure compliance with the restrictions contained herein, the Grantee, its agents, employees, or other representatives of the State may enter and inspect the Property at reasonable times in a reasonable manner.

**4. Reserved Grantor's Rights.** Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights accruing from its ownership of the Property, including, without limitation, the right to sell, transfer or encumber the Property, as owner, subject to the restrictions and covenants set forth in

this environmental easement; and the right to engage in, all uses of the property that are not expressly prohibited herein and are not inconsistent with the purposes of this environmental easement.

**5. Enforcement.** This environmental easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this environmental easement that; it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

**6. Revocation of Certificate of Completion.** If any person intentionally violates this environmental easement, the Grantee may revoke the Certificate of Completion provided under ECL Section 27-1419 with respect to the Property.

**7. Recordation.** Grantor shall record this instrument, within thirty (30) days of Grantee's approval of the language contained herein, in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

**8. Deed and Subsequent Instruments of Conveyance.** The Property deed and all subsequent instruments of conveyance, including without limitation, transfer of title or mortgage, relating to the Property shall state in at least fifteen-point bold-faced type the following language until such time as the environmental easement is extinguished:

**This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant of Title 36 to Article 71 of the Environmental Conservation Law.**

Such deed and instrument shall reference, by book and page number or control number, the environmental easement and shall also specify that the property is subject to the restrictions contained in such easement.

**9. Amendment.** This environmental easement may be amended only by an amendment executed by the Commissioner of the New York State Department of Environmental Conservation and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

**10. Extinguishment.** This environmental easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental

Conservation and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

**11. Joint Obligation.** If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

**12. Costs and Liabilities.** Grantor shall retain all responsibilities and shall bear all costs and liabilities of any kind related to the ownership, operation, upkeep, and maintenance of the Property, including the maintenance of adequate liability insurance coverage.

**13. Taxes.** Grantor shall pay before delinquency all taxes, assessments, fees, and charges of whatever description levied on or assessed against the Property by competent authority.

**14. Successors.** The term "Grantor", wherever used herein, shall include the persons and/or entities named at the beginning of this document, identified as "Grantor" and their personal representatives, heirs, successors, and assigns.

**IN WITNESS WHEREOF**, Grantor has caused this instrument to be signed in its name.

Grantor's Name

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF NEW YORK )

) ss.:

COUNTY OF )

On the \_\_\_\_\_ day of \_\_\_\_\_, in the year 200\_\_\_, before me, the undersigned, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

\_\_\_\_\_  
Signature and Office of individual  
taking acknowledgement

Attachment C -  
Laboratory Data





**Environmental**  
LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212  
(315) 458-8033, FAX (315) 458-0249, (800) 842-4667

*File*  
**received**  
**7-8-04**

*315 Wave/*  
*Construction*

- Certified in:
- Connecticut
  - Delaware
  - Maryland
  - Massachusetts
  - New Hampshire
  - New Jersey
  - New York
  - Pennsylvania
  - Rhode Island

STEARNS AND WHEELER REDEVELOPMENT  
430 E. Genesee St. Suite 401

PROJECT #: 209469  
RECEIVED: 06/10/2004

Syracuse, NY 13202  
ATTN: Mr. Dan Ours

Site Address:  
**REVISED AND REISSUED 06/29/04**

CLIENT JOB NUMBER: R10015

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
<b>SAMPLE #: 371553</b>	<b>CLIENT SAMPLE ID:</b>	<b>LD #1</b>	<b>DATE SAMPLED:</b>	<b>06/10/04</b>	
ICP					
antimony	<6.08	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
arsenic	<6.08	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
beryllium	0.560	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
cadmium	<0.304	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
chromium	11.3	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
cobalt	8.53	MG/KG DRY WT.	06/29/04	EPA 6010	NSH
copper	14.3	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
lead	<6.08	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
nickel	11.5	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
selenium	<6.08	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
silver	<0.608	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
thallium	<6.08	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
zinc	48.2	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
Metals Digestion			06/14/04	EPA 3050B	BDR
MERCURY	<0.048	MG/KG DRY WT.	06/17/04	EPA 7471A	NSH
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
1,2-dichlorobenzene	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
1,2-diphenylhydrazine	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
<i>1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.</i>					
1,3-dichlorobenzene	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
1,4-dichlorobenzene	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
2,4-dinitrotoluene	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
2,6-dinitrotoluene	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
2-chloronaphthalene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
2-methylnaphthalene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
2-nitroaniline	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
3,3'-dichlorobenzidine	<1.18	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
3-nitroaniline	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
4-bromophenyl phenyl ether	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
4-chloroaniline	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO

STEARNS AND WHELER REDEVELOPMENT  
430 E. Genesee St. Suite 401

PROJECT #: 209469  
RECEIVED: 06/10/2004

Syracuse, NY 13202  
ATTN: Mr. Dan Ours

Site Address:  
REVISED AND REISSUED 06/29/04

CLIENT JOB NUMBER: R10015

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 371553	CLIENT SAMPLE ID:	LD #1		DATE SAMPLED:	06/10/04
Semi-Volatile - 8270 B/N					
4-chlorophenyl phenyl ether	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
4-nitroaniline	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
acenaphthene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
acenaphthylene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
aniline	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
anthracene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
benzo(a)anthracene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
benzo(a)pyrene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
benzo(b)fluoranthene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
benzo(g,h,i)perylene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
benzo(k)fluoranthene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
benzyl alcohol	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
bis(2-chloroethoxy)methane	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
bis(2-chloroethyl) ether	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
bis(2-ethylhexyl) phthalate	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
butyl benzyl phthalate	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
chrysene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
dibenz(a,h)anthracene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
dibenzofuran	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
diethyl phthalate	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
dimethyl phthalate	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
di-n-butyl phthalate	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
di-n-octyl phthalate	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
fluoranthene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
fluorene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
hexachlorobenzene	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
hexachlorobutadiene	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
hexachlorocyclopentadiene	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
hexachloroethane	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
indeno(1,2,3-cd)pyrene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
isophorone	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
naphthalene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
nitrobenzene	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
n-nitrosodimethylamine	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
n-nitrosodiphenylamine	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
n-nitrosodipropylamine	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
phenanthrene	<0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
pyrene	0.0591	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
pyridine	<0.296	MG/KG DRY WT.	06/15/04	EPA 8270C	KHO
Solid Soxhlet Extraction			06/10/04	EPA 3540C	MKE
SOLIDS, TOTAL	83	PERCENT	06/14/04	SM18 2540B	CSA



STEARNS AND WHELER REDEVELOPMENT  
430 E. Genesee St. Suite 401

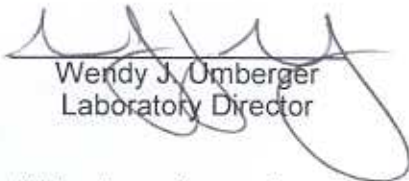
Syracuse, NY 13202  
ATTN: Mr. Dan Ours

PROJECT #: 209469  
RECEIVED: 06/10/2004

Site Address:  
REVISED AND REISSUED 06/29/04

CLIENT JOB NUMBER: R10015

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 371553 SOLIDS, TOTAL	LD #1 83	PERCENT	06/14/04	DATE SAMPLED: SM18 2540B	06/10/04 CSA

  
Wendy J. Umberger  
Laboratory Director

06/29/2004  
Print Date

All tests performed under NYS ELAP Laboratory Certification # 11375 unless otherwise stated.  
Report relates only to the samples as received by the laboratory and shall not be reproduced  
except in full, without written approval from Environmental Laboratory Services.



Attachment D - Disposal  
Manifests and Landfill Receipts

NEWS NE / ONTARIO COUNTY LANDEILL  
A Division of Casella Waste Systems  
3555 Post Farm Road  
Stanley, NY 14361

TICKET: 40705  
DATE: 06/22/2004  
TIME: 14:02 - 14:31

CUSTOMER: LE00022 / CORBETT MANAGEMENT SERVIC  
HAULCUST: WD: 0 APPROVAL #:  
ORIGIN: GA / ONANDAGA  
TRUCK: SANT98 TRAILER:  
GENERATOR: NA / NON APPLICABLE PROFILE #: NA  
HAULER: NA / NON APPLICABLE ROUTE: NA / NON APPLICABLE  
COMMENT:


P.O. :  
GROSS: 76240 LBS  
TARE: 35020 LBS  
NET: 41220 LBS

CELL/TANK: NA

MATERIAL	QUANTITY	UNIT
CS / CONTAMINATED SOIL	20.6100	ST

By signing below, I declare that I did NOT deposit any UNAPPROVED PROHIBITED WASTES

Weighmasters: 

Driver: 

IN: NANCY

B: PCSCALE\_OC

OUT: NANCY

B : PCSCALE\_OC



**SANTARO TRUCKING CO., INC.**  
Environmental Hauling

PO Box 11125 • Syracuse, NY 13218  
(315) 413-0495 Fax (315) 413-0262

CUSTOMER C.M.S. Construction  
SERVICE ADDRESS Wavel St. Syracuse

**ROLL-OFF WORK ORDER**

DATE 6-22-04

CUSTOMER NO. \_\_\_\_\_

TRUCK NO. 98

DELIVERY  EMPTY & RETURN

RE-SPOT  PULL & REMOVE

BOX SIZE \_\_\_\_\_

BOX NO. 168

NOT RESPONSIBLE FOR LAWN & DRIVEWAY DAMAGE

**SPECIAL INSTRUCTIONS**

**MATERIAL:**

M.S.W.  C & D

GPM/PAPER  CARDBOARD

OTHER Contaminated Soil

DISPOSAL SITE Ontario Landfill

DISPOSAL TKT. NO. 40705

DRIVER SIGNATURE

*[Handwritten Signature]*

DATE OF SERVICE

6-22-04

CUSTOMER SIGNATURE

PINK-CUSTOMER COPY

YELLOW-BILLING COPY

WHITE-OFFICE COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A	Manifest Document No.	2. Page 1 of 1
3. Generator's Name and Mailing Address: 315 Wavel Street, LLC 430 E. Genesee St., Syracuse, NY 13202			SITE: 315 Wavel St. Syracuse, NY	
4. Generator's Phone ( 315 ) 422-4949 Attn: Damian Vanetti				
5. Transporter 1 Company Name Sentero Trucking	6. US EPA ID Number NYSDEC #7A-524	A. Transporter's Phone 315-413-0495		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone		
9. Designated Facility Name and Site Address: Ontario County Landfill 3555 Post Farm Road Stanley, NY 14561		10. US EPA ID Number N/A	C. Facility's Phone 585-526-4420	
11. Waste Shipping Name and Description		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. Non-RCRA, Non DOT Regulated Material (Cobalt contaminated Soil)		0 0 1	EST.	T
b.				
c.				
d.				
D. Additional Descriptions for Materials Listed Above Approval #145		E. Handling Codes for Wastes Listed Above L		
15. Special Handling Instructions and Additional Information Emergency Contact: CMS (866) 734-2553				
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulation for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name Damian Vanetti		Signature 		Month Day Year 6/22/04
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Lee P. Delano		Signature 		Month Day Year 6/22/04
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name 		Signature 		Month Day Year 6/22/04

GENERATOR FACILITY

ORIGINAL - RETURN TO GENERATOR

NEWS NE / ONTARIO COUNTY LANDFILL  
A Division of Casella Waste Systems  
3555 Post Farn Road  
Stanley, NY 14561

TICKET: 40617  
DATE: 06/22/2004  
TIME: 10:09 - 10:31

CUSTOMER: LE00022 / CORBETT MANAGEMENT SERVIC  
HAULCUST: WD: 0 APPROVAL #:  
ORIGIN: QA / ONANDAGA  
TRUCK: SANT98 TRAILER:  
GENERATOR: NA / NON APPLICABLE PROFILE #: NA  
HAULER: NA / NON APPLICABLE ROUTE: NA / NON APPLICABLE

P.O. :  
GROSS: 66960 LBS  
TARE: 35900 LBS  
NET: 31060 LBS

COMMENT:  
CELL/TANK: NA  
MATERIAL QUANTITY UNIT  
CS / CONTAMINATED SOIL 15.5300 ST

By signing below, I declare that I did NOT deposit any UNAPPROVED PROHIBITED WASTES

Highmaster: [Signature] Drivers: [Signature]

IN: NANCY B: PCSCALE\_OC OUT: NANCY B : PCSCALE\_OC





# SANTARO TRUCKING CO., INC.

## Environmental Hauling

PO Box 11125 • Syracuse, NY 13218  
(315) 413-0695 Fax (315) 413-0262

CUSTOMER C.M.S. Construction  
SERVICE ADDRESS Wavel St. Syracuse N.Y.

### ROLL-OFF WORK ORDER

DATE 6-22-04

CUSTOMER NO. \_\_\_\_\_

TRUCK NO. 98

DELIVERY  EMPTY & RETURN

RE-SPOT  PULL & REMOVE

BOX SIZE \_\_\_\_\_

BOX NO. 190

NOT RESPONSIBLE FOR LAWN & DRIVEWAY DAMAGE

#### SPECIAL INSTRUCTIONS

#### MATERIAL:

M.S.W.  C & D

GPM/PAPER  CARDBOARD

OTHER Soil Contaminated

DISPOSAL SITE Ontario Landfill

DISPOSAL TKT. NO. 40617

RIVER SIGNATURE

[Signature]

DATE OF SERVICE

6-22-04

CUSTOMER SIGNATURE

YELLOW-BILLING COPY PINK-CUSTOMER COPY WHITE-SERVICE COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A	Manifest Document No.	2. Page 1 of 1
3. Generator's Name and Mailing Address 315 Wavel Street, LLC 430 E. Genesee St., Syracuse, NY 13202			SITE: 315 Wavel St. Syracuse, NY	
4. Generator's Phone ( 315) 422-4949 Attn: Damian Vanetti				
5. Transporter 1 Company Name Santaro Trucking	6. US EPA ID Number NYSDEC #7A-524	A. Transporter's Phone 315-413-0495		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone		
9. Designated Facility Name and Site Address Ontario County Landfill 3555 Post Farm Road Stanley, NY 14561		10. US EPA ID Number N/A	C. Facility's Phone 585-526-4420	
11. Waste Shipping Name and Description		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. Non-RCRA, Non DOT Regulated Material (Cobalt contaminated Soil)		0.01	EST.	T
b.				
c.				
d.				
D. Additional Descriptions for Materials Listed Above Approval #145		E. Handling Codes for Wastes Listed Above L		
15. Special Handling Instructions and Additional Information Emergency Contact: CBS (866) 734-2553				
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name DAMIAN VANETTI		Signature 		Month Day Year 6 22 04
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Lee Trehan		Signature 		Month Day Year 6 22 04
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name Mandi		Signature 		Month Day Year 6 22 04

GENERATOR

TRANSPORTER

RECEIVING FACILITY

ORIGINAL - RETURN TO GENERATOR

NEWS NE / ONTARIO COUNTY LANDFILL  
A Division of Casella Waste Systems  
3555 Post Farm Road  
Stanley, NY 14561

TICKET: 40879  
DATE: 06/23/2004  
TIME: 13:16 - 13:35

CUSTOMER: LE00022 / CORBETT MANAGEMENT SERVICE  
HAULCUST: WD: 0 APPROVAL #:  
ORIGIN: OA / ONANDAGA  
TRUCK: SANT58 TRAILER:  
GENERATOR: NA / NON APPLICABLE PROFILE #: NA  
HAULER: NA / NON APPLICABLE ROUTE: NA / NON APPLICABLE  
COMMENT:


P.O. :  
GROSS: 50780 LBS  
TARE: 34700 LBS  
NET: 16080 LBS

CELL/TANK: NA

MATERIAL	QUANTITY	UNIT
CS / CONTAMINATED SOIL	8,8400	ST

By signing below, I declare that I did NOT deposit any UNAPPROVED PROHIBITED WASTES

Weighmaster: 

Driver: 

IN: NANCY

B: PCSCALE\_OC

OUT: NANCY

B : PCSCALE\_OC



# SANTARO TRUCKING CO., INC.

## Environmental Hauling

PO Box 11125 - Syracuse, NY 13218  
(315) 413-0495 Fax (315) 413-0262

CUSTOMER C.M.S. Construction  
SERVICE ADDRESS Wave 1 St. Syracuse

### ROLL-OFF WORK ORDER

DATE 6-23-04

CUSTOMER NO. \_\_\_\_\_

TRUCK NO. 98

- DELIVERY       EMPTY & RETURN
- RE-SPOT         PULL & REMOVE

BOX SIZE \_\_\_\_\_

BOX NO. 107

NOT RESPONSIBLE FOR LAWN & DRIVEWAY DAMAGE

#### SPECIAL INSTRUCTIONS

#### MATERIAL:

- M.S.W.                       C & D
- GPM/PAPER                 CARDBOARD
- OTHER Contaminated Soil

DISPOSAL SITE Ontario Landfill

DISPOSAL TKT. NO. 40879

DRIVER SIGNATURE

DATE OF SERVICE

6-23-04

CUSTOMER SIGNATURE

WHITE-OFFICE COPY      YELLOW-BILLING COPY      PINK-CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A	Manifest Document No.	2. Page 1 of 1
3. Generator's Name and Mailing Address: 315 Wavel Street, LLC 430 E. Genesee St., Syracuse, NY 13202			SITE: 315 Wavel St. Syracuse, NY	
4. Generator's Phone ( 315 ) 422-4949 Attn: Damian Vanetti	5. Transporter 1 Company Name Santara Trucking	6. US EPA ID Number NYSDEC #7A-524	A. Transporter's Phone 315-413-0495	
	7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone	
9. Designated Facility Name and Site Address Ontario County Landfill 3555 Post Farm Road Stanley, NY 14561		10. US EPA ID Number N/A	C. Facility's Phone 585-526-4420	
11. Waste Shipping Name and Description			12. Containers No.	13. Total Quantity
a. Non-RCRA, Non DOT Regulated Material (Cobalt contaminated Soil)			0 0 1 C M	EST. T
b.				
c.				
d.				
D. Additional Descriptions for Materials Listed Above Approval #145			E. Handling Codes for Wastes Listed Above L	
15. Special Handling Instructions and Additional Information Emergency Contact: CMS (866) 734-2553				
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are subject to federal regulations for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name Damian Vanetti		Signature 		Month Day Year 16/23/04
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Lee Phelan		Signature 		Month Day Year 16/23/04
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name Nathan Decker		Signature 		Month Day Year 16/23/04

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

NEWS NE / ONTARIO COUNTY LANDFILL  
A Division of Casella Waste Systems  
3555 Post Farm Road  
Stanley, NY 14561

TICKET: 40784  
DATE: 06/23/2004  
TIME: 09:01 - 09:21

CUSTOMER: LE00022 / CORBETT MANAGEMENT SERVIC  
HAULCUST: WD: 0 APPROVAL #:  
ORIGIN: OA / ONANDAGA  
TRUCK: SANT96 TRAILER:  
GENERATOR: NA / NON-APPLICABLE PROFILE #: NA  
HAULER: NA / NON-APPLICABLE ROUTE: NA / NON-APPLICABLE  
COMMENT:

P.O. #:  
GROSS: 65100 LBS  
TARE: 35400 LBS  
NET: 29700 LBS

CELL/TANK: NA

MATERIAL	QUANTITY	UNIT
CS / CONTAMINATED SOIL	14.6500	ST

By signing below, I declare that I did NOT deposit any UNAPPROVED PROHIBITED WASTES

Weighmaster: \_\_\_\_\_

Driver: \_\_\_\_\_

IN: NANCY

B: PCSCALE\_OC

OUT: NANCY

B : PCSCALE\_OC



# SANTARO TRUCKING CO., INC.

## Environmental Hauling

PO Box 11125 • Syracuse, NY 13218  
(315) 413-0495 FAX (315) 413-0262

CUSTOMER WAVEL ST - Cms  
SERVICE ADDRESS \_\_\_\_\_  
\_\_\_\_\_

NOT RESPONSIBLE FOR LAWN & DRIVEWAY DAMAGE

### ROLL-OFF WORK ORDER

DATE 6/23/14  
CUSTOMER NO \_\_\_\_\_  
TRUCK NO. 96  
 DELIVERY     EMPTY & RETURN  
 RE-SPOT     PULL & REMOVE  
BOX SIZE 30  
BOX NO. 131

#### SPECIAL INSTRUCTIONS

#### MATERIAL:

M.S.W.                       C & D  
 GPMPAPER                   CARDBOARD  
 OTHER DIRT  
DISPOSAL SITE ONTARIO  
DISPOSAL TKT. NO. 40784

RIVER SIGNATURE <u>McL...</u>	DATE OF SERVICE	CUSTOMER SIGNATURE
-------------------------------	-----------------	--------------------

WHITE OFFICE COPY  
YELLOW-BILLING COPY  
PINK-CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address: 315 Wavel Street, LLC, 430 E. Genesee St., Syracuse, NY 13202

SITE: 315 Wavel St. Syracuse, NY

4. Generator's Phone (315) 422-4949 Attn: Damian Vanetti

5. Transporter 1 Company Name: Santaro Trucking

6. US EPA ID Number: NYSDEC #7A-524

A. Transporter's Phone: 315-413-0495

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address: Ontario County Landfill, 3555 Post Farm Road, Stanley, NY 14561

10. US EPA ID Number: N/A

C. Facility's Phone: 585-526-4420

11. Waste Shipping Name and Description

12. Containers No. Type 13. Total Quantity 14. Unit Wt./Vol

a. Non-RCRA, Non DOT Regulated Material (Cobalt contaminated Soil)

0 0 1 C.H EST. T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above: Approval #145

E. Handling Codes for Wastes Listed Above: L

15. Special Handling Instructions and Additional Information: Emergency Contact: CHS (866) 734-2553

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Damian Vanetti

Signature: [Handwritten Signature]

Month Day Year: 1 6 23 0 4

17. Transporter 1 Acknowledgement of Receipt of Materials: Printed/Typed Name: W. McNish

Signature: [Handwritten Signature]

Month Day Year: 10 6 23 0 4

18. Transporter 2 Acknowledgement of Receipt of Materials: Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [Handwritten Name]

Signature: [Handwritten Signature]

Month Day Year: 1 7 20 0 4

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR



JUL-20-2004 09:04 FROM: CORBETT MANAGEMENT 3156029775

NEWS NE / ONTARIO COUNTY LANDFILL  
A Division of Casella Waste Systems  
3555 Post Farm Road  
Stanley, NY 14361

TICKET: 40787  
DATE: 06/23/2004  
TIME: 09:04 - 09:24

CUSTOMER: LE00022 / CORBETT MANAGEMENT SERVICE

P.O.:

HAULCUST: NO: 0 APPROVAL #:

GROSS: 55060 LBS

ORIGIN: OA / ONANDAGA

TARE: 35500 LBS

TRUCK: SANT98

TRAILER:

NET: 29560 LBS

GENERATOR: NA / NON APPLICABLE PROFILE #: NA

HAULER: NA / NON APPLICABLE ROUTE: NA / NON APPLICABLE


COMMENT:

CELL/TANK: NA

MATERIAL	QUANTITY	UNIT
CS / CONTAMINATED SOIL	14.7800	ST

By signing below, I declare that I did NOT deposit any UNAPPROVED PROHIBITED WASTES

Weighmaster: 

Driver: 

IN: NANCY

B: POSCALE\_OC

OUT: NANCY

B: POSCALE\_OC



# SANTARO TRUCKING CO., INC.

## Environmental Hauling

PO Box 11125 • Syracuse, NY 13213  
(315) 413-0495 Fax (315) 413-0292

CUSTOMER C.M.S. Construction  
SERVICE ADDRESS Wavel St. Syracuse

### ROLL-OFF WORK ORDER

DATE 6-23-04  
CUSTOMER NO. \_\_\_\_\_  
TRUCK NO. 98  
 DELIVERY     EMPTY & RETURN  
 RE-SPOT     PULL & REMOVE  
BOX SIZE \_\_\_\_\_  
BOX NO. ~~98~~ 223

NOT RESPONSIBLE FOR LAWN & DRIVEWAY DAMAGE

#### SPECIAL INSTRUCTIONS

#### MATERIAL:

M.S.W.                       C & D  
 GPM/PAPER                 CARDBOARD  
 OTHER Contaminated Soil  
DISPOSAL SITE Ontario Landfill  
DISPOSAL TKT. NO. 40757

RIVER SIGNATURE <u>[Signature]</u>	DATE OF SERVICE <u>6-23-04</u>	CUSTOMER SIGNATURE
---------------------------------------	-----------------------------------	--------------------

YELLOW-BILLING COPY    PINK-CUSTOMER COPY    WHITE-OFFICE COPY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. N/A	Manifest Document No.	2. Page 1 of 1
3. Generator's Name and Mailing Address 315 Wavel Street, LLC 430 E. Genesee St., Syracuse, NY 13202			SITE: 315 Wavel St. Syracuse, NY	
4. Generator's Phone ( 315) 422-4949 Attn: Damian Vanetti				
5. Transporter 1 Company Name Santoro Trucking		6. US EPA ID Number NYSDEC #7A-524	A. Transporter's Phone 315-413-0495	
7. Transporter 2 Company Name		8. US EPA ID Number	B. Transporter's Phone	
9. Designated Facility Name and Site Address Ontario County Landfill 3555 Post Farm Road Stanley, NY 14561			10. US EPA ID Number N/A	C. Facility's Phone 585-526-4420
11. Waste Shipping Name and Description			12. Containers	13. Total Quantity
a. Non-RCRA, Non DOT Regulated Material (Cobalt contaminated Soil)			No. Type	EST.
			0 0 1 C M	T
b.				
c.				
d.				
D. Additional Descriptions for Materials Listed Above Approval #145			E. Handling Codes for Wastes Listed Above L	
15. Special Handling Instructions and Additional Information Emergency Contact: CNS (866) 734-2553				
10. GENERATOR'S CERTIFICATION: I certify the material described above on this manifest is not subject to Federal regulation for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name Damian Vanetti		Signature 		Month Day Year 6 23 04
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Lee Phelan		Signature 		Month Day Year 6 23 04
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name Steve De...		Signature 		Month Day Year 6 23 04

GENERATOR

TRANSPORTER

ORIGINAL - RETURN TO GENERATOR

Attachment E -  
Draft Notice and Fact Sheet

REMEDIATION FACT SHEET  
315 Wavel Street  
Brownfield Cleanup Program  
Site No. C00494-7  
Town of Dewitt, Onondaga County, New York  
April 2004

## **INTRODUCTION**

The New York State Department of Environmental Conservation (NYSDEC) has reached an agreement with 315 Wavel Street, LLC for the remediation of the site located at 315 Wavel Street in the Town of DeWitt, Onondaga County, New York (site location map attached). The remediation of the site will effectively eliminate, to the extent practical, potential environmental risks to human health and the environment.

## **BACKGROUND**

The building on the subject property was constructed in the 1950s during the development of the Syracuse Industrial Park. The facility had been used to manufacture carbide cutting and other precision machine tools. The area surrounding the site is primarily commercial and light industrial, however, a residential mobile home park is located behind the facility on the east side of Poznan Avenue. The immediate areas are served by the Town of DeWitt municipal potable water supply and Onondaga County municipal sanitary sewers. Stormwater is sheet flowed to drainage culverts and eventually discharges to Ley Creek.

## **PREVIOUS ACTIVITIES**

From 1984 to 1994, Preliminary Site Assessments (PSA) were conducted on the subject site by a USEPA Technical Assistance Team and NYSDEC. Combined analytical results of soil samples collected during each PSA indicated elevated concentrations of polycyclic aromatic hydrocarbons (PAHs) and metals, specifically cobalt, above applicable guidance values in site surface soils. However, it was determined that further investigations were needed to determine the extent of the contaminated soil.

In December 2001, 315 Wavel Street, LLC (Owner), in cooperation with the County of Onondaga, entered into a NYSDEC Voluntary Cleanup Agreement (VCA) at the subject site. As part of the VCA, a site investigation was completed in December 2002 to identify potential sources of contamination existing in surface soils and groundwater. The site investigation also included a qualitative risk assessment.

Results of the investigation confirmed that there were elevated concentrations of cobalt and PAHs within on-site surface soils of the subject site. Groundwater results indicated that impacted surface soils were not affecting groundwater quality. Overall, it was determined that the only potential human exposure possibility was direct contact with surface soils (top 6 to 12 inches) in a limited area of the property. Based on the findings of the 2001 investigation and previous site assessments, a Site Investigation Report and Remediation Work Plan were submitted in March 2003, which was subsequently approved by NYSDEC on December 9, 2003. Also on January 5, 2004, the site was transitioned from a VCA to a Brownfield Cleanup Agreement (BCA).

## **REMEDIATION ACTIVITIES**

The goal of the site remediation, which was completed from June 10-11, 2004, is to meet applicable standards, criteria and guidance and be protective of human health and the environment. Remedial actions consisted of the following:

- An area in the vicinity of the loading dock (see attached figure) had the top 24 inches of soil removed and was backfilled with clean granular material. This approach removed the contaminated surface and subsurface soils and eliminated the potential exposure pathway.
- The remaining gravel driving surface at the backside of the building had the surface scraped (top 2 inches), backfilled and re-graded to promote drainage using a clean granular stone fill material.

A total of approximately 74 tons of soil material were removed for off-site disposal at a permitted landfill facility.

## **DOCUMENT REPOSITORIES**

Public understanding and involvement are important to the success of New York's Brownfield Cleanup Program. As the project progresses, fact sheets, like this one, will be distributed to keep you informed. In addition, site documents have been placed in a repository for you to read.

For the site located at 315 Wavel Street a document repository has been established at:

NYSDEC Region 7 Office  
615 Erie Boulevard West  
Syracuse, NY 13204  
Phone: (315) 426-7400  
Hours: M-F 8:30 AM – 4:45 PM

Please call for an appointment.

The NYSDEC contact person is:

Carl Cuipto  
Dept. Environmental Remediation  
NYSDEC Region 7  
615 Erie Blvd. West  
Syracuse, NY 13204-2400  
(315) 426-7525 (phone)  
(315) 426-2653 (fax)