



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF ENVIRONMENTAL REMEDIATION
Site Classification Report



5/24/2011

Site Code: 152013	Site Name: Sonia Road Landfill
City: West Brentwood	Town: Islip
Region: 1	County: Suffolk
Current Classification: 02	Proposed Classification: 04
Estimated Size (acres): 42.00	Disposal Area: Landfill
Significant Threat: Previously	Site Type:
Priority ranking Score:	Project Manager: Jeffrey Trad

Summary of Approvals

Originator/Supervisor: Gerard Burke	05/03/2011
RHWRE: Walter Parish:	04/28/2011
BEEI of NYSDOH:	05/19/2011
CO Bureau Director: Michael Cruden, Director, Remedial Bureau E:	05/11/2011
	05/23/2011
Assistant Division Director: Robert Schick:	

Site Description

The Sonia Road Landfill is an inactive municipal solid waste landfill located on Sonia Road in Brentwood that is owned and was operated by the Town of Islip from 1965 to 1977. The site is bounded on the south and east by residential development, and on the north and west by commercial development. The landfill is generally rectangular in shape and comprises approximately 42 acres. The entire landfill is fenced and the main access is through a gate along Corbin Avenue.

On March 29, 1996, an Order on Consent was signed between the Town of Islip and the NYSDEC requiring a Remedial Investigation/Feasibility Study (RI/FS). Fieldwork for the RI/FS was conducted between February 1997 and January 1998. The July 1998 ROD recommended construction of a low permeability cap over the landfill, installing an active methane gas control system, and continued gas and groundwater monitoring. The Town completed a fast-track remedial design which began in July 1998 and was approved in January 1999.

Construction of Part 360 landfill cap and landfill gas collection system began in February 1999 and was substantially completed on October 11, 2000 in conformance with the 1998 Record of Decision. The site is now under an active long term site management program.

Contaminants of Concern (Including Materials Disposed)	Quantity Disposed
OU 01	
PVC, TRIMELLITATE	0.00
2-ETHYLHEXANOL	0.00
1,1,1-TRICHLOROETHANE(TCA)	0.00



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
Site Classification Report



5/24/2011

Site Code: 152013

Site Name: Sonia Road Landfill

Analytical Data Available for : Groundwater, Soil

Applicable Standards Exceeded for: Groundwater

Site Environmental Assessment

The potential for off-site migration of methane gas existed. This was addressed with an active gas collection system as part of the remedy. Wastes found at the site were PVC, Trimellitate, 2-Ethylhexanol and 1,1,1-Trichloroethane (TCE).

Construction of Part 360 landfill cap and landfill gas collection system began in February 1999 and was substantially completed on October 11, 2000 in conformance with the 1998 Record of Decision. The site is now under an active long term site management program.

Results from April 2010 Post Closure GW Monitoring Program indicate site remedy (landfill cap) deminishing landfill leachate and contaminants from downgradient migration. The Post Closure Monitoring Program monitors leachate indicators, inorganic parameters, VOCs and organic vapor and combustible gas monitoring.

Present nature and extent of contamination is there is the municipal waste mass below the cap, leachate parameters are present but declining along the leachate plume to the south of the landfill and no wells show VOCs in exceedence of SCGs.

All requirements of the OU1 ROD have been met. The O&M and Groundwater Monitoring Plans have been approved by the NYSDEC and will provide periodic verification. This site no longer presents a significant threat to public health and/or the environment.

Based on the successful completion of the remedial action, the site classification should be changed from a Class 2 to a Class 4.

Site Health Assessment

The potential for the public to come into contact with site-related contamination is minimal, since landfill closure activities have been completed and measures are in place to prevent contact with any underlying contamination. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the contaminated groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Environmental sampling indicated that soil vapor intrusion is not a concern on- or off-site.

Remedy Description and Cost

Remedy Description for Operable Unit 01

The remedy includes the following:
with 6NYCRR Part 360.

Landfill cap to comply



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
Site Classification Report



5/24/2011

Site Code: 152013

Site Name: Sonia Road Landfill

Active gas collection on the perimeter and in the landfill interior to prevent off-site gas migration.

Long-term groundwater and landfill gas monitoring.

Total Cost \$11,050,000

OU 00

Site Management Plan Approval: 10/11/2000

Status: ACT

Basis for Classification Change

Remediation was substantially completed October 2000 as required by OU1 ROD. Groundwater monitoring and institutional/engineering controls have been maintained to present (deed restriction, O&M plan and GW monitoring plan, fencing to limit site access, ground water and surface water use restriction, land and building use restriction, groundwater monitoring and soil vapor sampling). Results from April 2010 Post Closure GW Monitoring Program indicate site remedy (landfill cap) diminishing landfill leachate and contaminants from downgradient migration. The Post Closure Monitoring Program monitors leachate indicators, inorganic parameters, VOCs and organic vapor and combustible gas monitoring.

All requirements of the OU1 ROD have been met. The O&M and Groundwater Monitoring Plans have been approved by the NYSDEC. The Town of Islip will continue to monitor and provide annual reporting to the NYSDEC and the NYSDEC will provide Periodic Review.

The deed restriction covers new use or occupancy, disturbance or excavation, or human exposure, prohibition of installation of drinking water wells unless treated, use restriction limited to commercial or industrial (Construction of residences, healthcare or day-care facilities are prohibited), no disturbance except to implement remedial measure per the ROD and to maintain the integrity of the remedial measures.

Exposure to contaminated ground water is managed by the deed restriction groundwater use restriction; exposure to potentially contaminated soil is minimized by the maintained landfill cap as well as the deed restriction prohibitions.

Based on the successful completion of the remedial action, the site classification should be changed from a Class 2 to a Class 4.

NEW YORK
state department of
HEALTH

Nirav R. Shah, M.D., M.P.H.
Commissioner

Sue Kelly
Executive Deputy Commissioner

May 19, 2011

Mr. Michael Cruden, Bureau Director
Division of Environmental Remediation
NYS Dept. of Environmental Conservation
625 Broadway
Albany, NY 12233

Re: **Classification Package**
Sonia Road Landfill
Site #152013
Islip (T), Suffolk County

Dear Mr. Cruden:

Staff reviewed the Classification Package and supporting documentation for the Sonia Road Landfill site which proposes reclassification of the site from Class 2 to Class 4. Past disposal of municipal solid waste and periodic disposal of hazardous waste resulted in the contamination of on-site groundwater and on-site soil. Currently, the site is utilized as storage (i.e. parking) for new automotive vehicles, prior to dealership delivery.

Components of a July 1998 Record of Decision (ROD) contained the following: construction of a Part 360 landfill cap and landfill gas collection system, long term groundwater and landfill gas monitoring and institutional and engineering controls. The remedial actions outlined in the ROD have been implemented. Continued long-term groundwater monitoring will evaluate the effectiveness of these measures.

Based on this information, I believe the site no longer presents a significant threat to public health and concur with the proposal to reclassify the site to Class 4. If you have any questions, please contact me (518) 402-7880.

Sincerely,



Steven M. Bates, Acting Director
Bureau of Environmental Exposure Investigation

ec: A. Salame-Alfie, Ph.D.
K. Anders, Ph.D./ C. Bethoney/ File
B. Devine-MDO
D. Feldman - SCDH
K. Lewandowski - NYSDEC, Albany
A. Daniels - NYSDEC, Albany
D. Radtke - NYSDEC, Albany
W. Parish - NYSDEC, Region 1



Department of Environmental Conservation

Division of Environmental Remediation

Record of Decision
Sonia Road Landfill
Town of Islip, Suffolk County
Site Number 1-52-013

July 1998

New York State Department of Environmental Conservation
GEORGE E. PATAKI, *Governor* JOHN P. CAHILL, *Commissioner*

DECLARATION STATEMENT - RECORD OF DECISION

Sonia Road Landfill Inactive Hazardous Waste Site Town of Islip, Nassau County, New York Site No. 152013

Statement of Purpose and Basis

The Record of Decision (ROD) presents the selected remedial action for the Sonia Road Landfill inactive hazardous waste disposal site which was chosen in accordance with the New York State Environmental Conservation Law (ECL). The remedial program selected is not inconsistent with the National Oil and Hazardous Substances Pollution Contingency Plan of March 8, 1990 (40CFR300).

This decision is based upon the Administrative Record of the New York State Department of Environmental Conservation (NYSDEC) for the Sonia Road Landfill Inactive Hazardous Waste Site and upon public input to the Proposed Remedial Action Plan (PRAP) presented by the NYSDEC. A bibliography of the documents included as a part of the Administrative Record is included in Appendix B of the ROD.

Assessment of the Site

Actual or threatened release of hazardous waste constituents from this site, if not addressed by implementing the response action selected in this ROD, presents a current or potential threat to public health and the environment.

Description of Selected Remedy

Based upon the results of the Remedial Investigation/Feasibility Study (RI/FS) for the Sonia Road Landfill and the criteria identified for evaluation of alternatives the NYSDEC has selected capping and landfill gas control. The components of the remedy are as follows:

- A remedial design program to verify the components of the conceptual design and provide the details necessary for the construction, operation and maintenance, and monitoring of the remedial program. Any uncertainties identified during the RI/FS will be resolved.
- Construction of a Part 360 landfill cap, featuring a geotextile layer, a 12" gas venting layer, geomembrane hydraulic barrier, geocomposite drainage layer, 24" barrier protection layer, and a 6" vegetative growth medium or 6" stone/recycled concrete layer.

- An active gas collection system consisting of gas collection wells around the perimeter and gas recovery wells within the interior of the landfill. Extracted gas will be treated using a flare, if necessary.
- Because the remedy results in untreated hazardous waste remaining at the site, a long term monitoring program will be instituted. This program will allow the effectiveness of the selected remedy to be monitored and will be a component of the operation and maintenance for the site. The monitoring program, which will monitor groundwater and landfill gas, will be developed in accordance with 6 NYCRR Part 360 regulations.

New York State Department of Health Acceptance

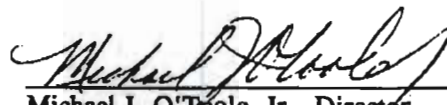
The New York State Department of Health concurs with the remedy selected for this site as being protective of human health.

Declaration

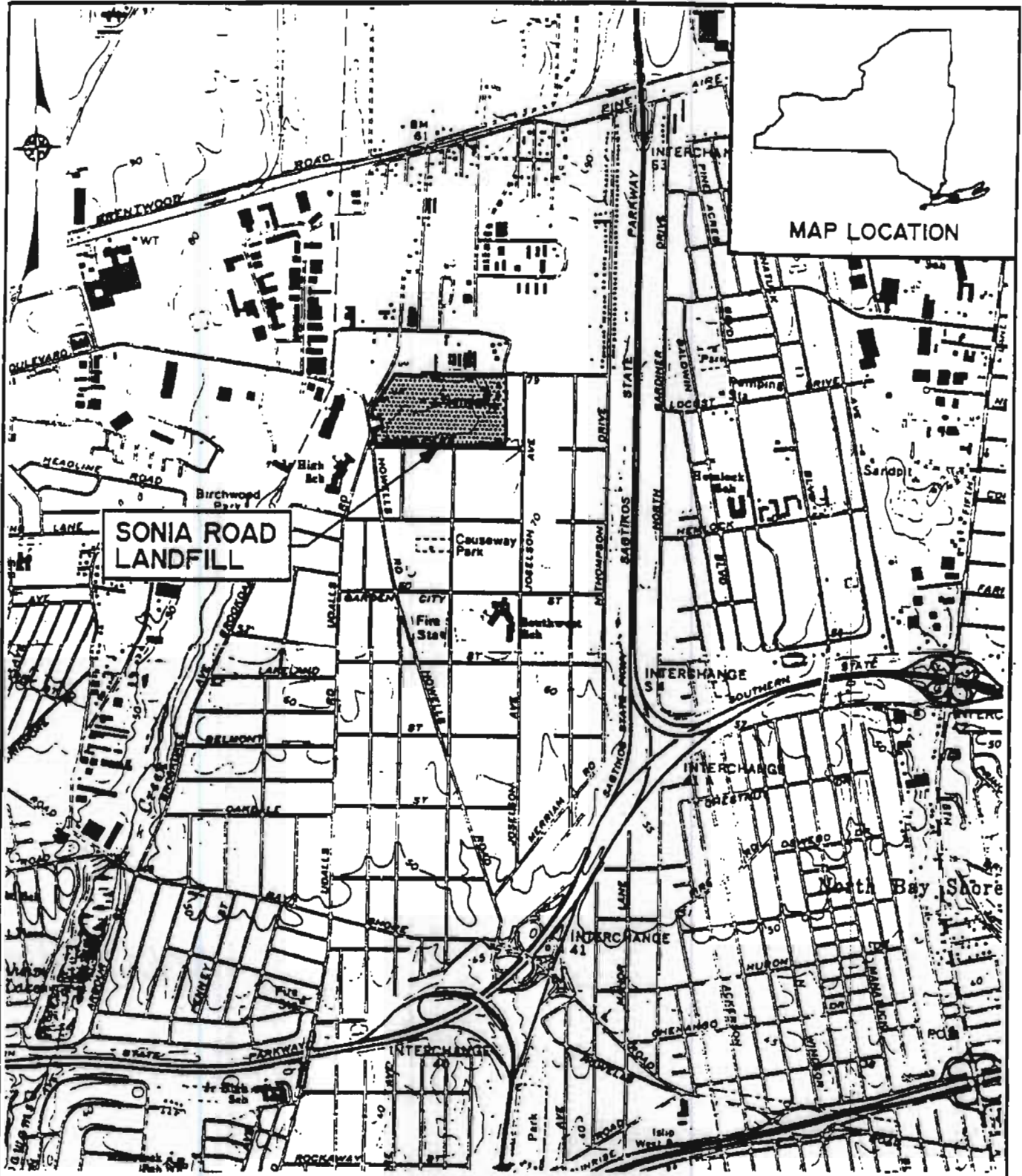
The selected remedy is protective of human health and the environment, complies with State and Federal requirements that are legally applicable or relevant and appropriate to the remedial action to the extent practicable, and is cost effective. This remedy utilizes permanent solutions and alternative treatment or resource recovery technologies, to the maximum extent practicable, and satisfies the preference for remedies that reduce toxicity, mobility, or volume as a principal element.

Date

7/7/98



Michael J. O'Poole, Jr., Director
Division of Environmental Remediation



SOURCE: U.S.G.S. GREENLAWN, N.Y. AND BAY SHORE WEST, N.Y. QUADRANGLES

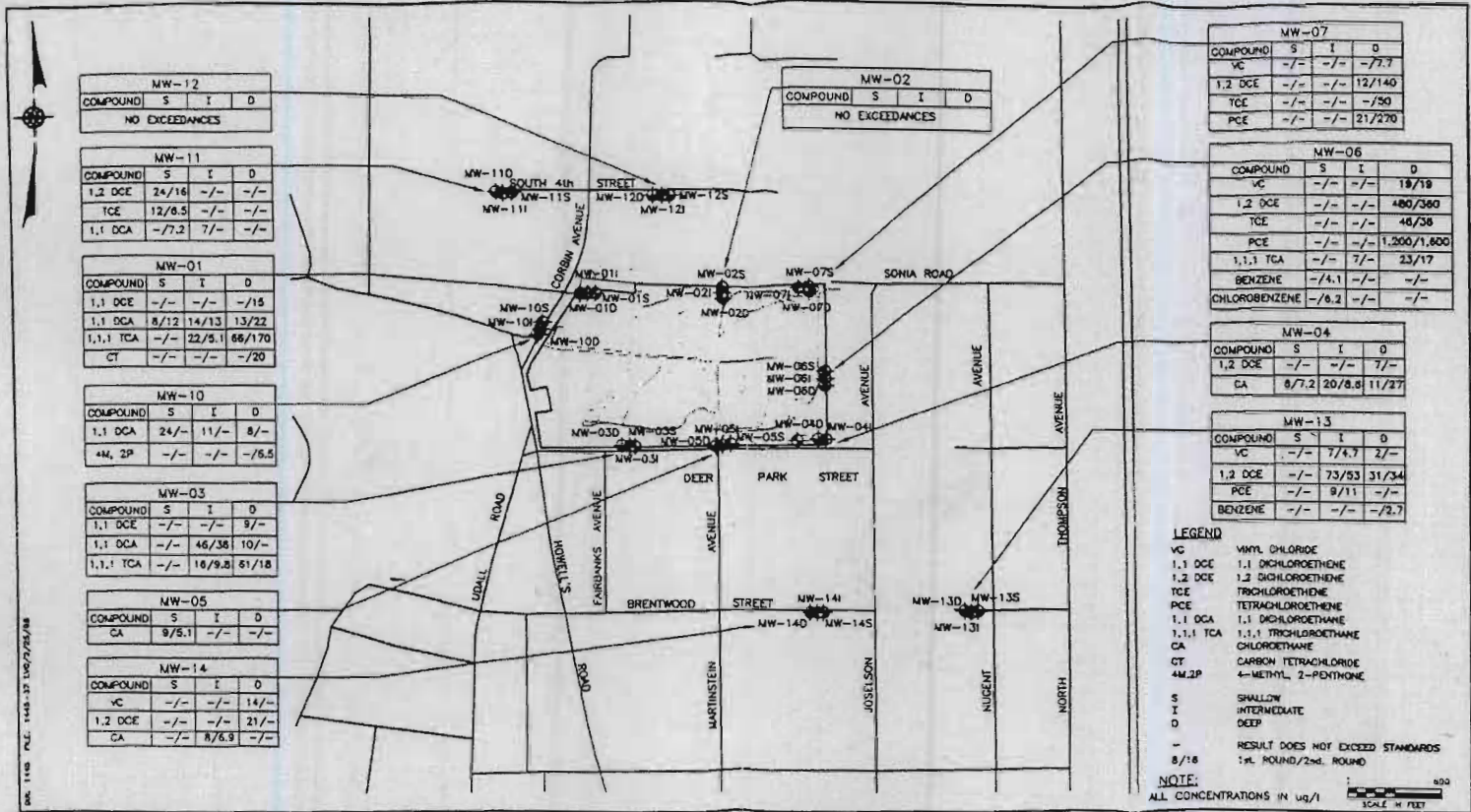
SCALE: 1" = 2000'

SONIA ROAD LANDFILL
REMEDIAL INVESTIGATION/FEASIBILITY STUDY

SITE LOCATION MAP

db Dvirka and Bartilucci
Consulting Engineers
A Division of William F. Cosulich Associates, P.C.

FIGURE 1



db Dvirka and Bartilucci
Consulting Engineers
A Division of William F. Coakley Associates, P.C.

SONIA ROAD LANDFILL
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
**CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS EXCEEDING
GROUNDWATER STANDARDS IN MONITORING WELLS**

FIGURE 2





August 25, 2004

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Construction Services, 12th Floor
625 Broadway
Albany, New York 12233-7013

Aug 30

Attn: Jeffrey E. Trad, P.E.
Environmental Engineer 2

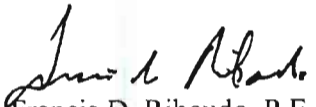
Re: **Sonia Road Landfill**
NYSDEC Site Number 152013
Declaration of Covenants and Restrictions

Dear Mr. Trad:

Transmitted herewith for your records is a copy of the Recording Documents from the Suffolk County Clerk for the Declaration of Covenants and Restrictions (DC&R) for Sonia Road Landfill.

Give me a call if you have any questions.

Very truly yours,


Francis D. Ribaldo, P.E.
Associate Engineer

encl.

cc: E. Hofmeister, IRRA President
P. DiMaria, P.E., Chief Engineer
File, w/encl.



TOWN OF ISLIP



VINCENT J. MESSINA, JR.
TOWN ATTORNEY

OFFICE OF THE TOWN ATTORNEY
TOWN HALL
ISLIP, N.Y. 11751

(631) 224-5550
Fax (631) 224-5573

June 11, 2004

Suffolk County Clerk
310 Center Drive
Riverhead, New York 11901

RE: TOWN OF ISLIP DECLARATION OF COVENANTS AND RESTRICTIONS
SCTM#: 0500-221.00-02.00-p/o 002.000

Dear Sir:

Enclosed herein please find the following:

1. Declaration of Covenants and Restrictions dated June 1, 2004, together with required cover page;
2. Check No. 351169, dated 6/01/04 in the amount of \$72.00 payable to your order to cover the required fee.

Kindly accept the deed for recording and return to the office of the Islip Town Attorney when the recording has been completed.

Thank you for your courtesy and assistance in this matter.

Very truly yours,

Ernest J. Cannava (mje)

ERNEST J. CANNAVA
Senior Assistant Town Attorney

EJC:mjr
Enclosures

CC: Eric Hofmeister



SUFFOLK COUNTY CLERK
 RECORDS OFFICE
 RECORDING PAGE

Type of Instrument: DECLARATION/DOP
 Number of Pages: 5
 Receipt Number : 04-0073407

Recorded: 07/01/2004
 At: 08:34:42 AM

LIBER: D00012328
 PAGE: 297

District: 0500 Section: 221.00 Block: 02.00 Lot: 002.000

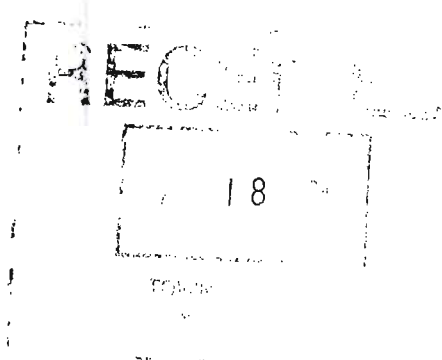
EXAMINED AND CHARGED AS FOLLOWS

Received the Following Fees For Above Instrument

		Exempt			Exempt
Page/Filing	\$15.00	NO	Handling	\$5.00	NO
COE	\$5.00	NO	NYS SRCHG	\$15.00	NO
TP-584	\$0.00	NO	Notation	\$0.00	NO
Cert.Copies	\$0.00	NO	RPT	\$30.00	NO
SCTM	\$0.00	NO			
			Fees Paid	\$70.00	

THIS PAGE IS A PART OF THE INSTRUMENT
 THIS IS NOT A BILL

Edward P.Romaine
 County Clerk, Suffolk County



	1 2	3
Number of pages <u>5</u>		RECORDED 2004 Jul 01 09:34:42 AM Edward P. Bonaime CLERK OF SUFFOLK COUNTY 1 000912328 P. 297
TORRENS		
Serial # _____		
Certificate # _____		
Prior Ctf. # _____		
Deed / Mortgage Instrument	Deed / Mortgage Tax Stamp	Recording / Filing Stamps

4	FEES			
Page / Filing Fee <u>15</u>			Mortgage Amt. _____	
Handling <u>5</u>			1. Basic Tax _____	
TP-584 _____			2. Additional Tax _____	
Notation _____			Sub Total _____	
EA-52 17 (County) _____	Sub Total <u>20</u>		Spec./Assit. _____	
EA-5217 (State) _____			Or _____	
R.P.T.S.A. <u>30</u>			Spec./Add. _____	
Comm. of Ed. <u>5 00</u>			TOT. MTG. TAX _____	
Affidavit _____			Dual Town _____ Dual County _____	
Certified Copy _____			Held for Apportionment _____	
Reg. Copy _____			Transfer Tax _____	
Other <u>15</u>	Sub Total <u>50</u>		Mansion Tax _____	
	GRAND TOTAL <u>70 -</u>		The property covered by this mortgage is or will be improved by a one or two family dwelling only.	
			YES _____ or NO _____	
			If NO, see appropriate tax clause on page # _____ of this instrument.	



5	Real Property Tax Service Agency Verification				6	Community Preservation Fund	
	Dist.	Section	Block	Lot	Consideration Amount \$ _____		
	0500	221.00	02.00	Part of 002.000	CPF Tax Due \$ _____		
	Date <u>6/31/4</u>				Improved _____		
	Initials <u>[Signature]</u>				Vacant Land _____		
7	Satisfactions/Discharges/Releases List Property Owners Mailing Address RECORD & RETURN TO:						
	Islip Town Attorney 655 Main Street Islip, NY 11751 Attn: EJC						

8	Title Company Information
	Co. Name _____
	Title # _____

9 Suffolk County Recording & Endorsement Page

This page forms part of the attached Declaration of Covenants and Restrictions made by: _____
(SPECIFY TYPE OF INSTRUMENT)

_____ Town of Islip _____ The premises herein is situated in
(Sonia Road Landfill) _____ SUFFOLK COUNTY, NEW YORK.

TO _____ In the Township of Islip

_____ In the VILLAGE _____
or HAMLET of Bay Shore

DECLARATION OF COVENANTS AND RESTRICTIONS

This Declaration of Covenants and Restrictions made this ^{June} 1st day of ~~May~~, 2004, by the TOWN OF ISLIP, a municipal corporation of the State of New York, having its principal office at 655 Main Street, New York 11751 (hereinafter referred to as the "Town"), covenants and recites as follows:

WHEREAS the Town of Islip owns property in the Hamlet of Bay Shore, Town of Islip, situated on the east side of Howells Road and is known as the Sonia Road Landfill (the "Site"), a portion of which site includes a municipal solid waste (MSW) landfill which was unlined and reported that periodically hazardous waste had been disposed of in the MSW landfill, and

WHEREAS a leachate plume was defined as originating from the unlined MSW landfill area, and

WHEREAS the Agency and New York State Department of Environmental Conservation (NYSDEC) entered into an Order-on-Consent to conduct a remedial program at the site. The Site also being listed in the Registry of Inactive Hazardous Waste Disposal Sites in New York State as NYSDEC Site Number 152013, and

WHEREAS the Sonia Road Landfill's Presumptive Remedy has been completed successfully and the site is entering into Post-Closure, and

WHEREAS the Sonia Road Landfill Property is as identified in the Declaration for the Record of Decision (ROD), dated July 1998, and the Site is identified in the Suffolk County Tax Map District No. 0500; Section 221.00, Block 02.00, Lot 002.000; and described in the annexed schedule "A".

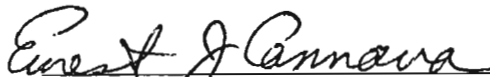
NOW, THEREFORE the Town for itself and its successors and assigns, covenants and declares that:

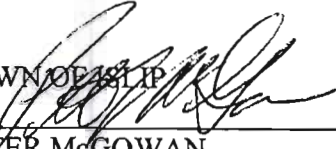
1. Unless prior written approval by the New York State Department of Environmental Conservation (or any subsequently delegated agencies) is first obtained, there shall be no use or occupancy of the Site which results in the disturbance or excavation of the waste material on the site, or which results in human exposure to contaminated materials.
2. Unless prior written approval by the above stated agency is obtained, there shall be no change in the use of the site in any way. If such new use of the site is approved, all future remedial activities at the site deemed necessary and appropriate by the above stated agency will be performed by the Town of Islip.

The restricted property must be held, sold and conveyed in accordance with the following conditions:

- A. The installation of drinking water wells is prohibited unless the extracted water is treated to meet drinking water standards before use; and
 - B. Use is restricted to commercial or industrial applications. The construction of residences, healthcare or day-care facilities is prohibited.
3. The Town, its successors and assigns will not disturb the site in any way, except to implement the remedial measures pursuant to the terms of the Record of Decision, and to properly maintain the integrity of the remedial measures undertaken.
4. This Declaration is and shall be deemed to be a covenant running with the land, binding the Town of Islip, its or any successor of the Town of Islip in perpetuity or until such time the New York State Department of Environmental Conservation (or any subsequently delegated agencies) determined, in writing, that the Declaration is no longer necessary for the protection of human health and the environment. At such time, the covenant shall be null and void and have no effect upon the land.

FORM APPROVED


ERNEST J. CANNAVA
SR. ASST. TOWN ATTORNEY

TOWN OF ISLIP
By: 
PETER MCGOWAN
SUPERVISOR

eye

DESCRIPTION OF FORMER LANDFILL LEASE AREA
Situat~~e~~ at Bay Shore, Town of Islip
County of Suffolk, State of New York

Property is designated as District 0500, Section 221, Block 02, Lot 2 (p/o)

Beginning at the intersection formed by the easterly line of Howell's Road and the northerly line of Deer Park Street,

RUNNING THENCE along the easterly side of Howell's Road North 08°12'14" West a distance of 145.32 feet to the POINT or PLACE OF BEGINNING.

THENCE along the easterly side of Howell's Road North 08°12'14" West a distance of 85.26 feet;

THENCE North 81°47'46" East a distance of 100.00 feet;

THENCE North 08°12'14" West a distance of 78.78 feet;

THENCE North 13°02'14" West a distance of 79.66 feet;

THENCE South 76°57'46" West a distance of 100.00 feet to the easterly side of Howell's Road;

THENCE along the easterly side of Howell's Road North 13°02'14" West a distance of 105.71 feet;

THENCE along the easterly side of Corbin Avenue (as Howell's Road terminates in this location and becomes Corbin Avenue) North 19°45'46" East a distance of 78.86 feet;

THENCE along the easterly side of Corbin Avenue North 31°56'41" East a distance of 572.75 feet;

THENCE South 84°42'14" East a distance of 360.93 feet;

THENCE North 00°28'14" West a distance of 60.31 feet;

THENCE South 87°21'44" East a distance of 560.04 feet;

THENCE North 88°26'26" East a distance of 432.07 feet;

THENCE North 87°58'05" East a distance of 8.56 feet;

THENCE South 00°32'14" East a distance of 894.80 feet;

THENCE South 89°31'46" West a distance of 1,633.29 feet to the easterly side of Howell's Road and the POINT or PLACE OF BEGINNING.

Containing within said bounds 1,394,144.31 sf or 32.005 acres, more or less.

Schedule A

Dated: May 15, 2003

STATE OF NEW YORK)
: ss:
COUNTY OF SUFFOLK)

On the 1st day of JUNE in the year 2004, before me, the
undersigned, personally appeared
PETER MCGOWAN

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) 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 signatures(s) on the instrument, the individual(s), or the person upon behalf of which the individuals, acted, executed the instrument.


NOTARY PUBLIC

FILOMENA DEMOTTA
Notary Public, State of New York
No. 01DE4720434
Qualified in Suffolk County
Term Expires July 31, 2007

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Technical Support, 11th Floor
625 Broadway, Albany, NY 12233-7020
Phone: (518) 402-9553 • Fax: (518) 402-9547
Website: www.dec.ny.gov



Joe Martens
Commissioner

JUN -1 2011

Town of Islip
655 Main Street
Islip, New York 11751

Dear Sir/Madam:

As mandated by Section 27-1305 of the Environmental Conservation Law (ECL), the New York State Department of Environmental Conservation (Department) must maintain a Registry of all inactive disposal sites suspected or known to contain hazardous waste. The ECL also mandates that this Department notify the owner of all or any part of each site or area included in the Registry of Inactive Hazardous Waste Disposal Sites as to changes in site classification.

Our records indicate that you are the owner or part owner of the site listed below. Therefore, this letter constitutes notification of change in the classification of such site in the Registry of Inactive Hazardous Waste Disposal Sites in New York State.

DEC Site No.: 152013

Site Name: Sonia Road Landfill

Site Address: Sonia Road, Islip, New York 11706

Classification change from Class 2 to Class 4

The reason for the change is as follows:

- The remedial actions outlined in the Record of Decision (ROD) have been implemented which include: construction of a Part 360 landfill cap and landfill gas collection system, long term groundwater and landfill gas monitoring, and institutional and engineering controls. Continued long-term groundwater monitoring will evaluate the effectiveness of these measures.



Enclosed is a copy of the Department's Inactive Hazardous Waste Disposal Site Report form as it appears in the Registry. An explanation of the site classifications is available at <http://www.dec.ny.gov/chemical/8663.html>. The Law allows the owner and/or operator of a site listed in the Registry to petition the Commissioner of the New York State Department of Environmental Conservation for deletion of such site, modification of site classification, or modification of any information regarding such site, by submitting a written statement setting forth the grounds of the petition.

Such petition may be addressed to:

Honorable Joseph J. Martens
Commissioner
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-1010

For additional information, please contact Jeffrey Trad, project manager at 518-402-9814.

Sincerely,



Kelly A. Lewandowski, P.E.
Chief
Site Control Section

Enclosures

cc: Anthony J. Varrichio, P.E., Islip Resource Recovery Agency

ec: Dale Desnoyers
Donna Weigel
Andrew English
Kelly Lewandowski
Jeffrey Trad

bec: w/Enc.
S. Bates, NYSDOH
M. Cruden, Director, Remedial Bureau E
C. Elgut, Regional Attorney, Region 1
R. Evans, Regional Permit Administrator, Region 1
W. Parish, RHWRE, Region 1
G. Burke
S. Heigel



**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
Inactive Hazardous Waste Disposal Report**



Site Code	152013	Address	Sonia Road			
Site Name	Sonia Road Landfill	City	West Brentwood	Zip	11706	
Classification	04	County	Suffolk	Town	Islip	
Region	1	Latitude	40 degrees, 45 minutes, 33.48 seconds		Estimated Size	42.0000
Longitude	-73 degrees, 17 minutes, 28.55 seconds					
Site Type	Disposal Area Landfill					

Site Description

The Sonia Road Landfill is an inactive municipal solid waste landfill located on Sonia Road in Brentwood that is owned and was operated by the Town of Islip from 1965 to 1977. The site is bounded on the south and east by residential development, and on the north and west by commercial development. The landfill is generally rectangular in shape and comprises approximately 42 acres. The entire landfill is fenced and the main access is through a gate along Corbin Avenue.

On March 29, 1996, an Order on Consent was signed between the Town of Islip and the NYSDEC requiring a Remedial Investigation/Feasibility Study (RI/FS). Fieldwork for the RI/FS was conducted between February 1997 and January 1998. The July 1998 ROD recommended construction of a low permeability cap over the landfill, installing an active methane gas control system, and continued gas and groundwater monitoring. The Town completed a fast-track remedial design which began in July 1998 and was approved in January 1999.

Construction of Part 360 landfill cap and landfill gas collection system began in February 1999 and was substantially completed on October 11, 2000 in conformance with the 1998 Record of Decision. The site is now under an active long term site management program.

Contaminants of Concern (Including Materials Disposed)	Quantity
OU 01	
PVC, TRIMELLITATE	0.00
2-ETHYLHEXANOL	0.00
1,1,1-TRICHLOROETHANE(TCA)	0.00

Analytical Data Available for : Groundwater, Soil

Applicable Standards Exceeded for: Groundwater

Site Environmental Assessment

The potential for off-site migration of methane gas existed. This was addressed with an active gas collection system as part of the remedy. Wastes found at the site were PVC, Trimellitate, 2-Ethylhexanol and 1,1,1-Trichloroethane (TCE).

Construction of Part 360 landfill cap and landfill gas collection system began in February 1999 and was substantially completed on October 11, 2000 in conformance with the 1998 Record of Decision. The site is now under an active long term site management program.

Results from April 2010 Post Closure GW Monitoring Program indicate site remedy (landfill cap) deminishing landfill leachate and contaminants from downgradient migration. The Post Closure Monitoring Program monitors leachate indicators, inorganic parameters, VOCs and organic vapor and combustible gas monitoring.

Present nature and extent of contamination is there is the municipal waste mass below the cap, leachate parameters are present but declining along the leachate plume to the south of the landfill and no wells show VOCs in exceedence of SCGs.

All requirements of the OU1 ROD have been met. The O&M and Groundwater Monitoring Plans have been approved by the NYSDEC and will provide periodic verification. This site no longer presents a significant threat to public health and/or the

5/26/2011
environment.

Based on the successful completion of the remedial action, the site classification should be changed from a Class 2 to a Class 4.

Site Health Assessment

The potential for the public to come into contact with site-related contamination is minimal, since landfill closure activities have been completed and measures are in place to prevent contact with any underlying contamination. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the contaminated groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Environmental sampling indicated that soil vapor intrusion is not a concern on- or off-site.

Owners

Current Owner(s)

TOWN OF ISLIP
655 MAIN ST.
ISLIP NY 11751

Disposal Owner(s)

TOWN OF ISLIP
NY

Operators

Current Operator(s)

TOWN OF ISLIP
TOWN HALL - 655 MAIN STREET
ISLIP NY 11751



PUBLIC NOTICE

State Superfund Program

Receive Site Information by Email. See "For More Information" to Learn How.

Site Name: Sonia Road Landfill
Site No. 152013 **Tax Map No.** 060.022-100-200.2
Site Location: Sonia Road, Islip, New York 11706

June 23, 2011

Inactive Hazardous Waste Disposal Site Classification Notice

The Inactive Hazardous Waste Disposal Site Program (the State Superfund Program) is the State's program for identifying, investigating, and cleaning up sites where the disposal of hazardous waste may present a threat to public health and/or the environment. The New York State Department of Environmental Conservation (Department) maintains a list of these sites in the Registry of Inactive Hazardous Waste Disposal Sites (the "Registry"). The site identified above, and located on a map on the reverse side of this page, was recently reclassified on the Registry as a Class 4 site that no longer presents a significant threat to public health and/or the environment for the following reason(s):

The remedial actions outlined in the Record of Decision (ROD) have been implemented which include: construction of a Part 360 landfill cap and landfill gas collection system, long term groundwater and landfill gas monitoring, and institutional and engineering controls. Continued long-term groundwater monitoring will evaluate the effectiveness of these measures.

If you own property adjacent to this site and are renting or leasing your property to someone else, please share this information with them. If you no longer wish to be on the contact list for this site or otherwise need to correct our records, please contact the Department's Project Manager listed below.

FOR MORE INFORMATION

Additional information about this site can be found using the Department's "Environmental Site Remediation Database Search" engine which is located on the internet at:
www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3

Comments and questions are always welcome and should be directed as follows:

Project Related Questions

Jeffrey Trad, Project Manager
NYS Department of Env. Conservation
625 Broadway
Albany, New York 12233-7017
518-402-9814
jetrade@gw.dec.state.ny.us

The Department is sending you this notice in accordance with Environmental Conservation Law Article 27, Title 13 and its companion regulation (6 NYCRR 375-2.7(b)(6)(ii)) which requires the Department to notify all parties on the contact list for this site of this recent action.

Approximate Site Location
Sonia Road Landfill
Site ID 152013
Sonia Road, Islip, NY 11706



Receive Site Updates by Email

Have site information such as this public notice sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: www.dec.ny.gov/chemical/61092.html . It's *quick*, it's *free*, and it will help keep you *better informed*.



As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

You may continue also to receive paper copies of site information for a time after you sign up with a county listserv, until the transition to electronic distribution is complete.

Note: Please disregard if you received this notice by way of a county email listserv.

Honorable James L. Tomarken
Commissioner
Suffolk County Dept. of Health Services
225 East Rabro Drive
Hauppauge, NY 11788

Ms. Amy Juchatz
Suffolk Co. Dept. of Environment & Energy
P.O. Box 6100
Hauppauge, NY 11788

Mr. Joseph Bond
Brentwood Union Free School District
52 Third Avenue
Brentwood, NY 11717

Long Island Bureau
New York Times
1235 Franklin Avenue
Garden City, NY 11530

Ms. Jennifer Smith
Newsday
235 Pinelawn Avenue
Melville, NY 11747

Ms. Liz Finnegan
Islip Bulletin
20 Medford Avenue – Route 112
Patchogue, NY 11772

La-Tribune Hispana – USA
P.O. Box 186
Hempstead, NY 11550

Honorable Steve J. Israel
United States House of Representatives
150 Motor Parkway – Suite 108
Hauppauge, NY 11788

Honorable Steve Levy
Suffolk County Executive
H. Lee Dennison Building
100 Veterans Memorial Highway
P.O. Box 6100
Hauppauge, NY 11788

Honorable Tom Barraga
Suffolk county Legislature
187 Sunrise Highway – Suite C
West Islip, NY 11795

Mr. John W. Pavacic
Executive Director
Central Pine Barrens
P.O. Box 587
3525 Sunrise Highway, 2nd Floor
Great River, NY 11739

Suffolk County Water Authority
2045 Route 112, Suite 5
Coram, NY 11727

Assignment Desk
News 12
1 Media Crossways
Woodbury, NY 11797

David Reich-Hale
Long Island Business News
2150 Smithtown Avenue
Ronkonkoma, NY 11779

Long Island Press
575 Underhill Blvd., Suite 210
Syosett, NY 11791

Noticia Hispanoamericana
636 W. Seaman Avenue
Baldwin, NY 11772

Honorable Kirsten E. Gillibrand
United States Senate
155 Pinelawn Road, Suite 250 North
Melville, NY 11747

Honorable Lee Zeldin
New York State Senate
State Office Building
Hauppauge, NY 11788

Honorable Philip R. Ramos
New York State Assembly
1010 Suffolk Avenue
Brentwood, NY 11717

Mr. Thomas A. Isles
Suffolk County Planning Director
H. Lee Dennison Building – 4th Floor
100 Veterans Memorial Highway
P.O. Box 6100
Hauppauge, NY 11788

Mr. Ron Paulsen
Suffolk County Dept. of Health Services
H. Lee Dennison Building – 2nd Floor
225 East Rabro Drive
Hauppauge, NY 11788

Ms. Doris Sargeant
Bretwood Public Library
Second and Fourth Street
Brentwood, NY 11717

Editorial Desk
Pennysaver
425 Smith Street
Farmingdale, NY 11735

Long Island Desk
Newsday
235 Pinelawn Avenue
Melville, NY 11747

Long Island Pulse Magazine
83 East Main Street
Patchogue, NY 11772

Jorge Ramirez
Enfoque Latino – Publisher/Director
231 Hilltop Drive
Brentwood, NY 11717

Honorable Charles Schumer
United States Senate
145 Pinelawn Road, #300
Melville, NY 11747

Honorable Owen H. Johnson
New York State Senate
23-24 Argyle Square
Babylon, NY 11702

Honorable Richard Montano
Suffolk County Legislature
Courthouse Corporate Center
320 Careton Avenue Suite 4300
Central Islip, NY 11722

Ms. Judith A. Pascale
Suffolk County Clerk
310 Center Drive
Riverhead, NY 11901

Ms. Regina Duffy
Town of Islip Town Clerk
Town Hall
655 Main Street
Islip, NY 11751

Town Environmental Council
Town Hall
655 Main Street
Islip, NY 11751

Honorable Phil Nolan
Town of Islip – Supervisor
Town Hall
655 Main Street
Islip, NY 11751

Honorable Trish Bergin Weichbrodt
Town of Islip – Councilwoman
Town Hall
655 Main Street
Islip, NY 11751

Honorable Steven J. Flotteron
Town of Islip – Councilman
Town Hall
655 Main Street
Islip, NY 11751

Honorable John Edwards
Town of Islip – Councilman
Town Hall
655 Main Street
Islip, NY 11751

Honorable Gene Parrington
Town of Islip – Councilman
Town Hall
655 Main Street
Islip, NY 11751

Mr. Kevin McCallister
Peconic Baykeeper
P.O. Box 893
Quogue, NY 11751

Mr. Shawn Kilmurray
Sierra Club – Long Island Group Chair
P.O. Box 210
Syosset, NY 11791

Occupant
157 Albany Avenue
Freeport, NY 11520

Occupant
655 Main Street
Islip, NY 11751

Occupant
Corbin & 4th
Saltaire, NY 11706

Occupant
13 Washington Avenue
Bay Shore, NY 11706

Occupant
P.O. Box 313
Mattituck, NY 11952

Occupant
130 South Fourth Street
Bay Shore, NY 11706

Occupant
P.O. Box 246
Farmingdale, NY 11735

Occupant
33 Commercial Street B52-S1
Foxboro, MA 02035

Occupant
52 3rd Avenue
Brentwood, NY 11717

Occupant
1253 Udall Road
Bay Shore, NY 11706

Occupant
1255 Udall Road
Bay Shore, NY 11706

Occupant
1237 Howells Road
Bay Shore, NY 11706

Occupant
1239 Howells Road
Bay Shore, NY 11706

Occupant
P.O. Box 139
Mount Sinai, NY 11766

Occupant
8 Deer Park Street
Bay Shore, NY 11706

Occupant
10 Deer Park Street
Bay Shore, NY 11706

Occupant
12 Deer Park Street
Bay Shore, NY 11706

Occupant
14 Deer Park Street
Bay Shore, NY 11706

Occupant
1241 Fairbanks Avenue
Bay Shore, NY 11706

Occupant
1243 Fairbanks Avenue
Bay Shore, NY 11706

Occupant
20 Deer Park Street
Bay Shore, NY 11706

Occupant
22 Deer Park Street
Bay Shore, NY 11706

Occupant
1161 Martinstein Avenue
Bay Shore, NY 11706

Occupant
1155 Martinstein Avenue
Bay Shore, NY 11706

Occupant
30 Deer Park Street
Bay Shore, NY 11706

Occupant
26 Deer Park Street
Bay Shore, NY 11706

Occupant
45 S 4th Street
Bay Shore, NY 11706

Occupant
1175 Joselson Avenue
Bay Shore, NY 11706

Occupant
1173 Joselson Avenue
Bay Shore, NY 11706

Occupant
1167 Joselson Avenue
Bay Shore, NY 11706

Occupant
1165 Joselson Avenue
Bay Shore, NY 11706

Occupant
1159 Joselson Avenue
Bay Shore, NY 11706

Occupant
1160 Martinstein Avenue
Bay Shore, NY 11706

Occupant
1158 Martinstein Avenue
Bay Shore, NY 11706

Occupant
1156 Martinstein Avenue
Bay Shore, NY 11706

Occupant
74 Deer Park Street
Bay Shore, NY 11706

Occupant
8 Dolly-Cam Lane
Bay Shore, NY 11706

Occupant
15 Glasgow Avenue
Deer Park, NY 11729

Occupant
15 Glasgow Avenue
Deer Park, NY 11729

Occupant
1151 Joselson Avenue
Bay Shore, NY 11706

Occupant
655 Main Street
Islip, NY 11751

Occupant
1177 Joselson Avenue
Bay Shore, NY 11706

Occupant
13 Washington Avenue
Bay Shore, NY 11706

Occupant
1637 Broad Hollow Road
Farmingdale, NY 11735

Occupant
1234 Howells Road
Bay Shore, NY 11706

Occupant
1238 Fairbanks Avenue
Bay Shore, NY 11706

Occupant
32 Deer Park Street
Bay Shore, NY 11706

Occupant
1155 Joselson Avenue
Bay Shore, NY 11706

Occupant
45 Louisiana Avenue
Bay Shore, NY 11706

Occupant
12 Dolly Cam Lane
Bay Shore, NY 11706

Occupant
1153 Joselson Avenue
Bay Shore, NY 11706

Occupant
1149 Joselson Avenue
Bay Shore, NY 11706

Occupant
P.O. Box 8
Old Bethpage, NY 11804

Occupant
157 Albany Avenue
Freeport, NY 11520

Occupant
P.O. Box 246
Farmingdale, NY 11735

Occupant
1240 Fairbanks Avenue
Bay Shore, NY 11706

Occupant
34 Deer Park Street
Bay Shore, NY 11706

Occupant
1157 Martinstein Avenue
Bay Shore, NY 11706

Occupant
1163 Joselson Avenue
Bay Shore, NY 11706

Occupant
1157 Joselson Avenue
Bay Shore, NY 11706

Occupant
15 Glasgow Avenue
Deer Park, NY 11729

Occupant
157 Albany Avenue
Freeport, NY 11520

Occupant
13 Washington Avenue
Bay Shore, NY 11706

Occupant
120 S 4th Street
Bay Shore, NY 11706

Occupant
1161 Joselson Avenue
Bay Shore, NY 11706

Occupant
77 Deer Park Street
Bay Shore, NY 11706

Occupant
284 Silver Street
West Babylon, NY 11704

Electronic copies:

D. Desnoyers, Director, Division of Environmental Remediation
A. English, Director, Bureau of Technical Support
K. Lewandowski, Chief, Site Control Section
M. Cruden, Director, Remedial Bureau E
W. Parish, RHWRE, Region 1
R. Evans, Regional Permit Administrator, Region 1
B. Fonda, Regional CPS, Region 1
A. Montalvo, Region 1
P. Scully, Region 1
S. Bates, NYSDOH
C. Bethoney, NYSDOH
R. Ockerby, NYSDOH
L. Ennist, DER, Bureau of Program Management
D. Feldman, Suffolk County
J. Trad, Project Manager
S. Heigel