Division o	ertment of Envi f Hazardous Was of Hazardous S:		152.006
ADDITIONS/CHANGE:	S TO REGISTRY:	SUMMARY OF APPROVA	
SITE NAME: JAMECO Industr	les	DEC I.D. NUMBER	152006
Current Classification CR4		-	
Activity: Add as Class	assify to $\frac{2}{2}$	Delist Category	Modify
Approvals:		[·······	
Regional Hazardous Waste Engineer	Yes	No	·····
NYSDOH	Yes	No	
DEE	Yes 🗸	No	
Construction Services	Yes n/a	No	
BHSC: a. Investigation Section	Yes U	No	
b. Site Control Section	Rolf	[Maum	Date 12/27/95
c. Director	DO	ANG ANT	Date 1/4/9(
DHWR Assistant Director	C Mail	1 forder	Date 1/5/96
Completion Checklist	······		eted By:
OWNER NOTIFICATION LETTER?	\square	<u>Initia</u>	$\frac{\text{Date}}{$
ADJACENT PROPERTY OWNER NOTIFICATION I	ETTER?		2/0/96
ENB/LEGAL NOTICE SENT? (For Deletion Only)			
COMMENTS SUMMARIZED/PLACE IN REPOSITOR	XY		
FINAL NOTIFICATION SENT TO OWNER? (For Deletion Only)		•	

(For proposed Class 2a sites only) Planned investigative activities & dates:



SITE INVESTIGATION INFORMATION

1. SITE NAME		2. SITE NUMBER	3. TOWN/CITY/VILLAGE	4. COUNTY						
Jameco Industries		1-52-006	Wyandanch	Suffolk						
5. REGION	6. CLASSIFICATION									
One										
7. LOCATION OF SITE (Attac	h U.S.G.S. Topographic Map	showing site location)								
a. Quadrangle Bay Shore We	tae									
b. Site Latitude 40 ° 44 '	31 "Site Longitude	<u>73</u> ° <u>21</u> ′ <u>27</u> ″								
c. Tax Map Numbers 0100-0	82-2-37.5 Town of Babylor	1								
d. Site Street Address 248 V	Wyandanch Avenue									
8. BRIEFLY DESCRIBE THE S	ITE (Attach site plan showing	disposal/sampling location	s)							
The site is comprised of a on- leaching pool field on the sou to receive industrial wastewa	ith side of the property which	-								
a, Area <u>6</u> acres b. EPA ID	Number <u>NYD002415404</u>									
c. Completed ()Phase I	()Phase II () PSA	()RI/FS ()PA/SI ((X)Other Field Maintenance Plan							
9. Hazardous Waste Disposed	i (include EPA Hazardous W	aste Numbers)								
PRP has determined that leak	age from a degreasing unit a	nd metal plating systems a	re the source of on-site groundwater contami	nation. (see att. #1)						
F001: Trichloroethylene D007: Chromium										
10. ANALYTICAL DATA AVA				. <u></u>						
a. ()Air (X)Groundwate		diment (X)Soil ()Wa	ste ()Leachate ()EPTox ()TCLP							
b. Contravention of Standa		<u>GW Standard</u> <u>MW</u>		voc contamination beneath the building						
Trichloroethylene			ОО ррь							
Chromium Vinyl Chlorid e			90 թթե 2 թթե							
11. CONCLUSION										
and groundwater benea	ath the site. Groundwa	iter analysis reveals o	degreasing systems within the facili contravention of N.Y.S. drinking wa r an EPA designated sole source aq	ter standards for VOC's and						
12. SITE IMPACT DATA										
a. Nearest Surface Water: Dis		Direction <u>E</u>	Classification	Principal						
b. Nearest Groundwater: Dept o. Nearest Water Supply: Dist	—	Flow Direction <u>S</u>	(X)Sole Source ()Primary () Active (X)Yes ()No	rtinci pa i						
c. Nearest Water Supply: Dist		Direction <u>N</u>								
d. Nearest Building: Distance e. In State Economic Develop		Direction <u>N</u> ()Y (X)N	Use <u>manufacturing</u> i. Controlled Site Access?	(X)Y (.)N						
f. Crops or livestock on site?		()Y (X)N		()Y (X)N						
g. Documented fish or wildlife	mortality?	()Y (X)N	k. HRS Score	(7. (8))						
h. Impact on special status fis	•	()Y (X)N	I. For Class 2: Priority Category II							
13. SITE OWNER'S NAME		14. ADDRESS	(,) of one 1. Henry cutogery <u></u>	15. TELEPHONE NUMBER						
Watts Industries		248 Wyandanch Aven	ue, Wyandanch, NY 11798	, (516) 643-5300						
16. PREPARER			17. APPROVED	7						
	med and in	31,0/35	11 Mayles Korten							
Signature ()	Date		Signature	outo -						
Jamie Ascher, Asst. Eng. Geo										
	i., DHWR Region 1		Name, Title, Organizati							



Office of Public Health

II University Place Albany, New York 12203-3399

Barbara A. DeBuono, M.D., M.P.H. Commissioner Karen Schimke Executive Deputy Commissioner

December 27, 1995

Mr. Earl Barcomb, P.E. Director Bureau of Hazardous Site Control NYS Department of Environmental Conservation 50 Wolf Road, Room 218 Albany, NY 12233

> RE: SITE INVESTIGATION INFORMATION Jameco Suffolk County Site #152006

Dear Mr. Barcomb:

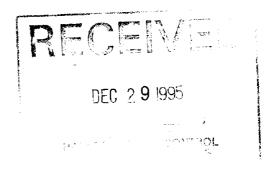
My staff have reviewed the Site Investigation Information form for the above referenced site. The Department of Environmental Conservation has a identified a significant threat to groundwater because of the presence of high levels of trichloroethene and chromium in the groundwater immediately downgradient of the site.

With this information, I concur with the reclassification of the site from class 4 to class 2 on the Registry of Inactive Hazardous Waste Site.

If you have any concerns regarding this matter, feel free to contact Steve Bates of my staff at (518) 458-6305.

Sincerely,

G. Anders Carlson, Ph.D. Director Bureau of Environmental Exposure Investigation



lmw/95361PR00079

cc: Dr. N. Kim Mr. S. Bates Mr. A. Shah, DEC Reg. 1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MEMORANDUM

TO:R. Marino, Chief, Site Control SectionFROM:A. Shah, RHWRE, DHWR, Region 1SUBJ:Jameco Industries Inc. #1-52-006Proposed Reclassification: Class 4 to Class 2

DATE: February 13, 1995

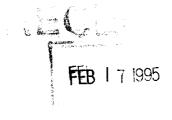
In February 1992, regional staff proposed a reclassification of the referenced site from Class 2a to Class 2. In June 1992, the Class 2 designation became official.

On 10/9/92, the PRP petitioned the Department to reclassify the site to either Class 3 or Class 2a. Regional staff conferred with both Charles Sullivan and John Swartwout regarding this petition. All parties agreed to reclassify the site to Class 4 whereupon the PRP would gather further analytical and investigative data regarding the site.

On 8/19/94, the PRP submitted a Maintenance Plan report which summarized the findings of the additional fieldwork performed at the site. The report clearly states that faulty degreasing and metal plating systems within the facility are the source of the groundwater contamination observed beneath the site.

Attached is a reclassification package proposing reclassification from Class 4 to Class 2 in light of the additional data gathered by the PRP and DHWR.

Should you have any questions regarding this reclassification, please contact Jamie Ascher of my staff at (516) 444-0246.



cc: C. Goddard J. Swartwout J. Ascher

A: JA: JAMECO. MEM

DEC-08-1992 10:17 FROM NYS.ENVIR.CONSERVATION TO STON INACTIVE HAZARDOUS WASTE DISPOSAL, SITE PRIORITY RANKING WORK	
SITE 1.D. <u>1-52-006</u> SITE NAME Jameco Industrie	25
<u>Priority I</u> - Sites for which remediation should supersede all other Class 2 sites. Priority I can be following questions can be answered affirmatively.	assigned if any one of the
a) Has a public or private water supply which is currently in use been contaminated or threatened?	
b) Has burnen exposure to contaminants (or the potential for exposure) been identified which represents a significant bealth risk as determined by DOH7	. [If i or more
c) Has bioaccumulation of site contaminants in flore or fauna resulted in a bealth advisory?	boxes are cbecked, check
d) Are site contaminants present at levels that are acutely toxic to fish or wildlife or that have caused documented fish or wildlife mortality?	this box)
* Prigrity II - Important Sites. Priority II will be assigned if any of the following questions can be a	nswered affirmatively.
a) Has a Class & or AA surface water body, primary or principal aquifer been contaminated or threatened without affecting an existing water supply?	
b) Has bioaccumulation of site contaminants in flora or fauna resulted in actionable lavels (but not a bealth advisory)?	
c) are costaminants at levels chronically toxic to fish/wildlife?	tore boxes
d) Have endangered, threatened or rare species, significant babitats, designated coastal zone or regulated wetlands been impacted by releases from the site?	cbeck this box)
⁹ <u>Priority III</u> - vill be assigned unless one or more of the site prioritization criteria, specified above to a site. After recodial meeds for Priority I and II sites have been accommodated, remediation of sit under this category can be considered. If Priority III, check box 3.	
Enter the number of the priority box checked 1, 2, or 3 bere	
<u>FACTORS</u> <u>IJC Pector</u> - If the sites has been identified by the International Joint Commission (IJC) as a component remedial action plan, subtract (1) from the value in box 4 and enter the result in box 5	
HUE Factor - If the site is within a New York State designated Economic Development Zone (EDZ) should the cause the site priority to be raised?	s fact
<u>Composity Support Factor</u> - If the site has been targeted for local government-supported development by a villing to sign a consent order with DEC to finance investigation and remediation should this fact caus priority to be raised?	se the site
If either "yes" box is obecked, subtract 1 from the value in box 4 and enter the result into box 6. If " checked, the value in box 6 equals box 4 (or box 5 if applicable). If both IJC and ZDZ/Community Support apply, only 1 (not 2) will be subtracted from the value in box 4. The resultant value in box 6 will news less than 1	t factors (6)
Ins MUTE: Should this site be considered a candidate for an Interim Remedial Measure (IRM) as defined by GNTCRR Part 375-1.3n?	Yes No
If "yes" please explain voy: Due to the shallow depth of the aquifer beneath the	site,
contaminated soil beneath the building should be remediated.	10/1/94
PreparerJamie AscherDate	~~! ~! ~ !

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10W-52-1225 61.10 (1000) 100160000	
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	50N-29-1992	E 'B			
SU NOT F	BJECT TO OR EXTERN	REVISION IAL RELEASE		CLASSIFICATION WO	ORKSHEET
	C iba	. Jameco Tr	dustries	County:	Suffol

Site: Jameco Industr	ies C	county:	olk Reg	on:_One
1. Hazardous waste dis		2)	(Stop)	🗌 U (Stop)
 Consequential amoun hazardous waste? 	t of 🕅 Y (to	3)	(Stop)	U (to 3)
3. Part 375-1.4(a)(1)			U (to 4)	D , b , f)
	Y	(as checked		
🗇 a. endangered or th		0	r wildlife	sh, crustacea
🗆 b. streams, wetland	is or coastal zo	t	oxic reactio	explosion or n
□c. bioaccumulation		z团f. p w	roximity to ater supplie	people or s
4. Part 375-1.4(a)(2) applies?	(C1 3; Stop) 🗍 U (C1	2a; Stop)
X Y (Class 2; to	5) Groundwater	has been imp	acted by rel	eases of
solvents and meta				
				······································
5. Factor(s) conside	ered in making t	his determin	ation: Cont	ravention of
groundwater stan		·		
<u> </u>	·			
<u>SUMMARY</u> Consequential H	azardous Waste	XXXYes	No No	Unknown
Significant Thr		XXXYes	No No	🗌 Unknown
Proposed Classi	fication2	Site	Number 1-52	-006
10/ 4 /94		had .	Asst.	Eng. Geologist
Date	Signature	and Title		

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS WASTE REMEDIATION INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

REGION: 1 **SITE CODE:** 1-52-006 CLASSIFICATION CODE: 4 EPA ID: NYD002415404 NAME OF SITE: Jameco Industries STREET ADDRESS: 248 Wyandanch Avenue **ZIP:** 11798 COUNTY: Suffolk TOWN/CITY: Wyandanch SITE TYPE: Open Dump- Structure- Lagoon- Landfill- Treatment Pond-ESTIMATED SIZE: Acres 6 SITE OWNER/OPERATOR INFORMATION: CURRENT OWNER NAME....: Watts Industries CURRENT OWNER ADDRESS.: North Andover, Massachusetts 01845 OWNER(S) DURING USE...: Jameco Industries OPERATOR DURING USE...: Jameco Industries

OPERATOR ADDRESS.....: 248 Wyandanch Avenue, Wyandanch, NY 11798 PERIOD ASSOCIATED WITH HAZARDOUS WASTE: FROM 1964 TO 1994

SITE DESCRIPTION:

The Facility's industrial processes include metal finishing and electroplating of plumbing fixtures. From 1964 to 1975 metal plating wastes were discharged into unlined leaching beds and leaching pools. In 1975, the leaching beds were abandoned and the associated sludges excavated and removed from the site. A waste disposal system of 48 leaching pools replaced the leaching beds. Scattered remnants of the sludge still remain in the ground onsite and samples of it fail EP/TOX for chromium and lead. Also found in samples were elevated levels of copper, cynide, nickel, zinc and barium.

A field maintenance plan was implemented as part of the Class 4 designation. Groundwater sampling conducted under this plan revealed high levels of Trichloroethylene and Chromium. The PRP's consultant has attributed the groundwater contamination to leakage from degreasing and metal plating activities within the facility.

HAZARDOUS	WASTE I	DISPOSED:	CONFIRMED	XX
	TYI	PE		

SUSPECTED QUANTITY (units)

Trichloroethylene (F001) Chromium (D007)

unknown

ANALYTICAL DATA AVAILABLE: Air- Surface Water- Groundwater- XX Soil-XX Sediment-

CONTRAVENTION OF STANDARDS: Groundwater- XX Drinking Water- XX Surface Water- Air-

LEGAL ACTION:

.

TYPE:		State-	Federal-
STATUS:	Negotiation in	Progress-	Order Signed-

REMEDIAL ACTION:

Proposed- Under Design- In Progress- Completed-NATURE OF ACTION:

GEOTECHNICAL INFORMATION: SOIL TYPE: GROUNDWATER DEPTH: Approximately 10 feet

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Leakage from degreasing and metal plating systems within the manufacturing building have contaminated the shallow aquifer with trichloroeyhylene and chromium.

ASSESSMENT OF HEALTH PROBLEMS:

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JAMECO INDUSTRIES, INC. WYANDANCH, NEW YORK

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MAINTENANCE PLAN FIRST QUARTERLY REPORT

Prepared For:

New York State Department of Environmental Conservation

Prepared By:

AKRF, Inc. 117 East 29th Street New York, NY 10016 (212) 696-0670

AUGUST 1994

closely because of the tank on top. The operation of the degreasing unit consists of suspending parts contained in a metal basket over the liquid TCE, vaporizing the TCE using steam, then cooling the vapors using refrigeration coils around the tank so that the TCE vapors condense on the parts and drip back into the tank. Observation of this process indicated that no dripping of TCE onto the floor occurs. When the degreasing unit is not being utilized, the hinged top is closed to prevent evaporative losses of TCE into the workplace. During operation, a tank ventilation system draws any TCE vapors to a roof top discharge. Refrigeration coils are used to minimize TCE exhaust.

The liquid TCE from the bottom of the degreasing unit is periodically pumped to the distillation unit for recycling. The transfer pump is located on the concrete slab between the degreasing unit and the distillation unit. The pump and its associated piping are not within any containment. This pump is reported by the operating staff to have leaked in the past. No other leaks of TCE were reported to have occurred in the system. The distillation unit bottoms are periodically removed and disposed of as manifested hazardous waste.

Based upon our review of the operating system it is believed that TCE from the degreasing unit's operation is getting into the sump under the degreasing unit where it is penetrating through the concrete slab to the soils below and subsequently into the groundwater under the building. Sampling of the soil gas and groundwater under the building described fully later in this report confirms this to be the likely source of the TCE found in the downgradient well MW-2.

Based upon the findings of this investigation to date, Jameco has ordered a plastic lining for the sump under the degreasing unit to prevent any TCE escaping from the unit from penetrating the concrete of the sump. The plastic liner will have a lip to provide containment for the transfer pump and associated piping. To date, the liner has not been installed. When the liner is ready for installation, the degreasing unit will be removed and the sump inspected and repaired as necessary prior to installation of the liner.

B. METALS

Jameco plates nickel and chrome finishes on a variety of its products. The plating process involves passing the part to be plated through a number of baths containing various plating solutions, rinses and cleaners. The system uses crosscurrent rinsing to conserve water. Jameco has just replaced the hexavalent chrome plating system with a trivalent chrome system. As a part of this conversion, Jameco has replaced the chrome plating tank with a new tank. During the operation of the old tank the plating solution would occasionally drip along the side of the tank. During the replacement of the old tank, it was discovered that the chrome plating solution which had dripped along the side of the tank had accumulated on the floor under the tank. The accumulated material was then promptly cleaned up.

There is a floor drain system that collects all spills, leaks or drips of liquid in the plating area. This drain system consists of a trench in the concrete floor that discharges to a sump where any liquid collected is pumped to the process wastewater treatment system. When the Chrome tank was being replaced, the floor drain system was found to have deteriorated concrete near the chrome tank that allowed the leaking chrome solution to discharge to the area below the building.

To prevent any future leaks from escaping from the plating containment area, the floor drain system is being repaired and sealed. The floor in the area under the tank was sealed with an impermeable coating before the old tank was installed. At present, the floor in this area is completely dry. The company is currently exploring the feasibility and the need for re-sealing the floor in this area. The new tank will be raised above the ground and will be periodically inspected to check its integrity.

V. REMEDIAL INVESTIGATION

1

Additional investigation (beyond the scope of the maintenance plan) was performed to determine the extent of the contamination. It included groundwater sampling and soil gas sampling. A cluster of three groundwater monitoring wells were installed within the building downgradient of the suspected source. These wells were installed at three different levels, shallow, intermediate and deep as described later. Soil gas sampling was conducted in the area adjacent to the degreasing unit to determine the lateral extent of possible TCE contamination in the soil. The locations of the wells and the soil gas sampling areas are shown on Figure 2.

The shallow well extends to the groundwater interface which is about 10 feet below grade. In that well, a 10 foot screen was installed, with 5 feet above the water table and 5 feet below the water table. The intermediate well and the deep well extend 60 and 100 feet

Silver 50 Sodium 20,000 Thallium Vanadium 300 Zine 300	•			-	Nickel	vleroury 2		CHUT	-	lron 300	Copper 200		Chromium 50		10	Beryllium		Arsenie 25	Antimony	Aluminum	NYSDEC Standard Guidance value	•
		<u>-</u>						35,000								ۍ			د ب		NYSDEC Jard Quidance Value	
:	U CII	19,900 U		4,140	U	U	1,280	4,390	21	5,480	Ľ	ī	U L	16 600	=	C	8	Ч	U	10,200	MW-1	
()10)	Ŭ 556	10,100 U	द (2,880 11	4,310	c		1,550	39	6,700	2,110	C	1,900	0/1 8 0/1	=	U	133	U	Ľ	9,750	MW-2	
<10	103 U	328,000 U	د (1,790	1,840	U		626	U	1,310	566	c	87	11_400	=	U	21	U	d	799	MW-3	
·<10	12 378	28,200 U	U (13,900 U	226	0	546	5,330	51	32,500	481	U	25	35.100	c	U	1,090	10	33	4,150	MW-5	
<10	12 195	19,700 v U	C -	14,000 U	1,240	U	1,290	4,140	161	8,040	708	8	575	26,500	c	. U	1,130	U	d	15,000	MW-6	
<10	10 17 -	23,800 U	ď	4,/40 U	U	0	265	3,260	4	4,920	ď		U	16,100	c	U	730	U		1,750	MW-7	
<10	U 12	17,900 U	U	12,700 U	76	c	180	3,610	U	464	U	: -	U	24,800	s	U	1,130	-	: -	458	MW-8	
<10	21 U	9,770 U	U	U 10057	u U	c	294	2,870	-	1,150	U	: 4	U	13,200	u.	C	92		: -	1,350	MW-9	
<10	ع د	25,900 U	Ľ	ת 17100		-	1,240	2,730	15	727	149			13,500	U	0	103		: -	157	Production Well	

U=Undetected

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TABLE 2 DISSOLVED METALS IN WATER SAMPLES (parts per billion; ppb)

TABLE 1 (Continued) VOLATILE ORGANICS IN WATER SAMPLES 'aru per billion (ppb)

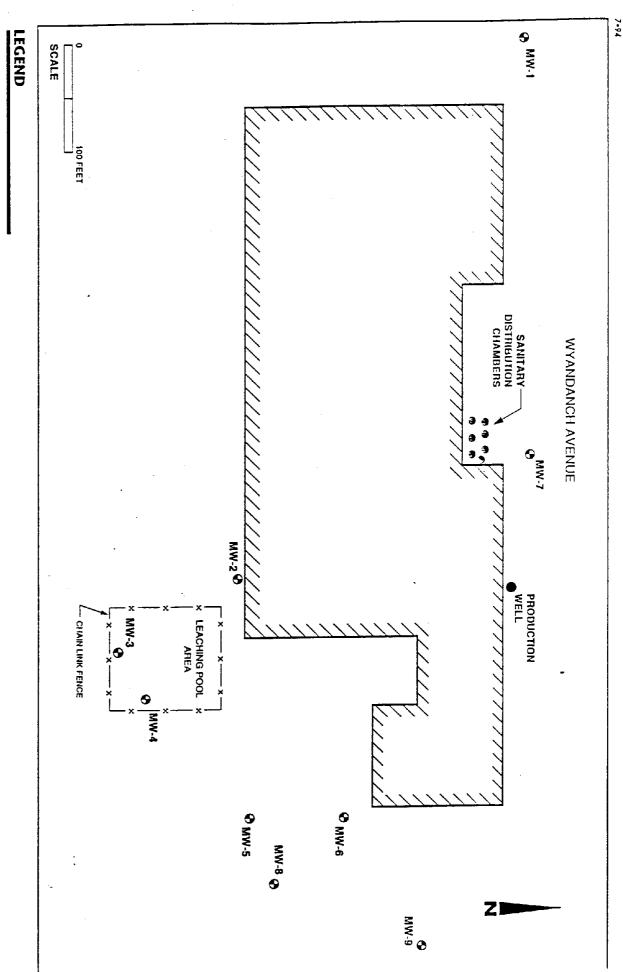
U= Undetected J= Estimated value FB= Field Blank TH= Trin Blank	Vinyl Chloride U 12 Xylcne (Iolal) U	Trichlorofhuoromethane U 1,2,3-Trichloropropune U 1,2,4-Trimethylbenzene U 1,3,5-Trimethylbenzene U	1,1,1-Trichlorocthane 30 4 1,1,2-Trichlorocthane U 0.4 Trichlorocthene U 1200	1,2,4-Trichlorobenzene U	1,1,4,2-1 etrachtoroethane U 28 Tetrachtoroethene U 28 Toluene U 1,2,3-Trichtorobenzene U		MW-1
•	C	0.2 J U	<u>ر</u>	C			MW-2
	cc		10 U	U			MW-3
	у С	ccc	0.2 J U 14	U	L 60		MW-5
	cc		7 U	U	20 U U C	: 2222	MW-6
	cc		* 	u	30 U		MW-7
	cc	cccc	3 U U	u	с с с		MW-8
	c c	cccc	0.3 J	u	2 U U U		MW-9
	८ ८		0.2 J U U	Ч	cccc		Pro. Well
	cc			U			FB
	сc		-	Ч			at



Sampling Locations

Figure 1

O Monitoring Well



A sylvester

New York State Department of Environmental Conservation 50 Wolf Road, Albany, New York 12233 - 7010



FEB - 6 1996

Michael Zagata Commissioner

This letter was sent to the people on the attached list.

Dear :

The Department of Environmental Conservation (DEC) maintains a Registry of sites where hazardous waste disposal has occurred. Property located at 248 Wyandanch Avenue in the Town of Babylon and County of Suffolk and designated as Tax Map Number 0100-082-2-37.5 was recently reclassified as a Class 2 in the Registry. The name and site I.D. number of this property as listed in the Registry is Jameco Industries, Inc., Site #152006.

The Classification Code 2 means that a significant threat exists to the public health or environment -- action required.

We are sending this letter to you and others who own property near the site listed above, as well as the county and town clerks. We are notifying you about these activities at this site because we believe it is important to keep you informed.

If you currently are renting or leasing your property to someone else, please share this information with them. If you no longer own the property to which this letter was sent, please provide this information to the new owner and provide this office with the name and address of the new owner so that we can correct our records.

The reason for this recent classification decision is as follows:

Hazardous waste disposal has been confirmed. Metal plating and degreasing systems within the facility have contaminated the soil and groundwater beneath the site. Groundwater analysis reveals contravention of N.Y.S. drinking water standards for volatile organic compounds and metals. A significant threat exists because the site is situated over an EPA designated sole source aquifer. The public water supplies are monitored and area tap water is safe to drink. Impacted wells are shut down or have treatment systems installed. Jameco Industries, Inc. Site #152006

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If you would like additional information about this site or the inactive hazardous waste site remedial program, call:

DEC's Inactive Hazardous Waste Site Toll-Free Information Number 1-800-342-9296 or

New York State Health Department's Health Liaison Program (HeLP) 1-800-458-1158, ext. 402.

Sincerely,

Dayne R Bauger for

Robert L. Marino Chief Site Control Section Bureau of Hazardous Site Control Division of Hazardous Waste Remediation

bcc: R. Marino

J. Swartwout

J. Epstein

A. Sylvester

A. Carlson

L. Ennist

AS/srh