New York State Department of Environmental Conservation

Division of Environmental Remediation, Region 9 270 Michigan Avenue, Buffalo, New York, 14203-2999

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January 14, 2002

Ms. Debra Howell
Environmental Manager
US Army Corps of Engineers
Buffalo District
1776 Niagara Street
Buffalo, New York 14207-3199

Dear Ms. Howell:

Hazardous Waste Compliance Inspection Date: January 4, 2002

Location of Handler: DOD Lake Ontario, 1550 Balmer Road, Model City, NY 14107

EPA Identification Number: NY7210014174

In order to determine compliance with the New York State Hazardous Waste Regulations, the New York State Department of Environmental Conservation conducted an inspection of your facility on the above referenced date.

As a result of that inspection, we believe that your facility is operating as a generator of hazardous waste.

No violations of the New York State Hazardous Waste Regulations were observed by the inspector on the inspection date referenced above. A copy of the Inspection Form is enclosed for your records.

Please be advised that your facility is under the continuing obligation to comply with all the applicable state and federal regulations regarding the management of hazardous waste.

Please note that this letter in no way addresses any liability you may have for any regulatory fees and hazardous waste special assessment fees.

If you have any questions about this notice or should you wish to discuss this matter further, please contact the Inspector or the Reviewer at the telephone number above. A copy of the Inspection Form is enclosed for your information.

Sincerely,

Nelson F. Schnabel Environmental Engineer I

NFS/lj Enclosure

cc: Mr. Bidjan Rostami, Inspector, Region 9

Mr. Bruce Knapp, Reviewer, Central Office

New York State Department of Environmental Conservation



Region:	9
CESQG	
SQG	
GENERATOR	Х
TSDF	
OTHER	
NONREGULATED	
UNANNOUNCED	
ANNOUNCED	X

NEW YORK STATE INDUSTRIAL HAZARDOUS WASTE MANAGEMENT ACT (Chapter 639, Laws of 1978)

	· ·			
Prepared for:	Commissioner NEW YORK S	r STATE DEPARTMENT OF E	ENVIRONMENTAL CONS	ERVATION
Send to:	Compliance S 50 Wolf Road		Attach company t attach letterhead	ousiness card here or as last page.
EPA I.D. NUMBER:	NY721001417	74		
COMPANY NAME	(Corporate): (Division):	US Army Corp of Engineer	rs, Buffalo District	•
COMPANY MAILING ADD	RESS:	1776 Niagara Street		-
City & State		Buffalo, New York	Zip Code <u>14207-</u> 3	3199
COMPANY LOCATION ADDRESS:		DOD Lake Ontario, 1550	Balmer Road	
(if different than mailing)		·		-
City & State		Model City, N.Y.	Zip Code14107	· =
COUNTY		Niagara		-
COMPANY TELEPHONE	NUMBER:	716-879-4213	Extension	-
NAME OF COMPANY CONTACT:		Ms. Debra Howell		·
TITLE OF COMPANY CO	NTACT:	Environmental Manag	jer	_
INSPECTION DATE:	01/04/200	2 TIME OF INSPECTION	N: 10:30 PM	
INSPECTOR'S NAME:	Bidjan Rostar	mi		-
NAME:				_
REPORT PREPARED BY	: Bidjar	Rostrem 1	DATE: 1/1/2002	,
REPORT APPROVED BY	1/2	Schnake 1	DATE: ///0/07	

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EPA I.D. N	No. NY7210014174
Date of Ins	spection: 01/04/2002
	<u>Part I</u>
	General Information and Classification of Facility
1. Iden	tification of Hazardous Waste - 371
A.	Facility generates and/or stores hazardous waste on-site. Yes No X
	(1) X Company has used knowledge of the waste to determine if it is hazardous.
	(2) X Testing has shown characteristics of:
	(X) Ignitability (D001) - 371.3(b) (X) Corrosivity (D002) - 371.3(c) () Reactivity (D003) - 371.3(d) (X) Toxicity (D004 - 043) - 371.3(e)
	(3) The material is listed in the regulations as a hazardous waste from non-specific sources (F-Waste). 371.4(b).
	(4) The waste is listed in the regulations as a hazardous waste from specific sources (K-Waste). 371.4(c).
	(5) The material is listed in the regulations as an acute hazardous waste (P-Waste). 371.4(d)(5).
	The material or product is listed in the regulations as a discarded commercial chemical product, off-specification species or manufacturing chemical intermediate (U-Waste). 371.4(d)(6).
	(7) X The material is listed in the regulations as a waste containing PCBs (B-Waste). 371.4(e).
В.	If the facility is a treatment, storage or disposal facility, have they:
	NA Submitted a Part A application.
	NA Should the Part A be modified by the Company? If so, explain.
	NA Submitted a Part 373 permit application.
	NA Been granted a Part B permit.* expiration date:
•	NA Been granted a Part 373 permit* expiration date:
C.	NA Has the facility signed a consent order to resolve violations found during a previous inspection?**

US Army Corp of Engineers, Buffalo District:

Facility Name

^{*}Complete Appendix C - Indicate compliance status with permit conditions.

**Complete Appendix D and indicate compliance with conditions of the order.

2. Exemptions

A. Generator Exemptions

- (1) NA Not a regulated handler
- (2) NA Samples collected for testing 372.1(e)(5).
- (3) NA Residues of hazardous waste in empty containers 372.1(e)(6).
- (4) NA A hazardous waste which is generated in a product or raw material storage tank, transport vehicle or vessel, pipeline, or in a manufacturing process unit or an associated non-waste treatment manufacturing unit is not subject to regulation until it exits the unit in which it was generated, unless the unit is a surface impoundment, or unless the hazardous waste remains in the unit more than 90 days after the unit ceases to be operated, manufacturing, or for storage or transportation. 372.1(e)(7)(i).

B. TSD Exemptions

- (1) NA Storage of hazardous waste that is generated on-site in containers or tanks for a period not exceeding 90 days. Other than the storage of liquid hazardous waste over the designated sole source aquifers 373-1.1(d)(1)(iii).
- (2) NA Storage of liquid hazardous waste in containers (>185 gallons) or tanks generated on-site over the designated sole source aquifers for a period not exceeding 90 days. 373-1.1(d)(1)(iv).
- (3) NA The on-site storage and treatment of hazardous waste by generators that generate less than 100 kilograms of hazardous waste in any calendar month and store less than 1,000 kilograms. 373-1.1(d)(1)(v).
- (4) NA The storage and recycling of the recyclable materials identified in subparagraphs 371.1(g)(1)(iii) and (iv) of this Title 373-1.1(d)(1)(vi).
- (5) NA The storage of the following recyclable materials is exempt from permitting provided that Subpart 374-1 is complied with. (NOTE: Subpart 374-1 will require that the facility also complies with selected sections of this Part.) 373-1.1(d)(1)(vii):
 - (a) recyclable materials used in a manner constituting disposal (see section 374-1.3);
 - (b) hazardous wastes burned for energy recovery in boilers and industrial furnaces that are not regulated under section 373-2.15 or 373-3.15 of this Title (see section 374-1.8);
 - (c) recyclable materials from which precious metals are reclaimed (see section 374-1.6);
 - (d) spent lead-acid batteries that are being reclaimed (see section 374-1.7).
- (6) NA The recycling of hazardous wastes is exempt from permitting provided 373-2.2(c) (identification number), 372.4(b) (use of manifest system), 372.4(d)(1)

7/99

this subparagraph.) In addition: 373-1.1(d)(1)(viii): (a) This exemption is available to: Commercial facilities that reclaim precious metals, as defined in 374-1.6 of this Title: Mobile or transportable commercial facilities which operate on the generator's site, if a containment area, meeting the requirements of 373-2.9(f), is provided for the reclaiming facility and any associated, temporary container holding or storage area. This exemption is not available to any units, other than boilers and industrial (b) furnaces, that burn hazardous wastes for energy recovery. Exempted processes that recycle the hazardous wastes listed in 2B(5)(a-d) (c) must comply with Part 374 of this Title in lieu of the requirements specified in this subparagraph. (Note: Part 374 will require that the facility also complies with selected sections of this Part.) Owners or operators of facilities subject to RCRA permitting requirements with (d) hazardous waste management units that recycle hazardous waste are subject to the requirements of sections 373-2.27, 373-2.28, 373-3.27 and 373-3.28 of this Part. NA The on-site treatment of hazardous waste, by the generator, in the same tanks or containers used for accumulation and storage is exempt provided the generator complies with Part 373-1.1(d)(1)(iii) and (iv) and Part 372.2(c)(4). Any treatment or placement of hazardous waste in a manner that constitutes land disposal, as defined in subdivision 370.2(b), does not qualify for this exemption -373-1.1(d)(1)(ix). (8) **NA** Totally enclosed treatment facility - 373-1.1(d)(1)(xi). NA Elementary neutralization units or wastewater treatment units, as defined in Part 370 of this Title - 373-1.1(d)(1)(xii). (10) **NA** Accumulation areas - 373-1.1(d)(1)(xiv). (11) NA A transporter storing manifested shipments of hazardous waste in containers at a transfer facility for a period of ten calendar days or less - Complete Part VII - 373-1.1(d)(1)(xi). 3. Hazardous Waste Generation/Treatment/Storage/Disposal Describe only the activities that result in the generation of hazardous waste. Include manufacturing processes that generate hazardous waste. [Do not include hazardous waste treatment processes.] Remediation site - Cleaning and removal of underground TNT lines generate contaminated groundwater and contaminated soil.

(manifest discrepancies) and clause 373-1.1(d)(1)(viii)(d) are complied with.

(Storage of hazardous waste prior to recycling is not exempt under

Α.

esu	cribe any on-site hazardous waste treatment processes that It in the generation of hazardous waste (exempt and/or non-exempt). Ide process diagrams if available.
of e ank	tify the hazardous wastes that are on-site, the quantity ach, the storage method, the type and size of containers or as used and their location in the storage area. (Be as cific as possible.)
(1)	Accumulation Areas [NOTE: Waste in accumulation areas must be included as part of the total quantity of waste on-site]:
	No hazardous waste on-site.
(2)	Container Storage Areas for CESQG, SQG or Generator:
	No hazardous waste on-site.
	No mazardous waste on-site.
(3)	Tank Storage Areas for CESQG.SQG or Generator:
(3)	Tank Storage Areas for CESQG,SQG or Generator: NA

	(4)	Interim Status/Permitted Container Storage Areas:
		NA
	/m.\	
	(5)	Interim Status/Permitted Tank Storage Areas:
		NA
	(6)	Treatment, storage or disposal units such as surface impoundments,
	` ,	landfills, waste piles or incinerators:
		NA
4. <u>Sta</u>	tus <u>Id</u>	entification:
A.	Gei	nerator Status
	(1)	NA Conditionally Exempt Small Quantity Generator (CESQG) - generates less than 100 kg/mo of non-acute hazardous waste or 1 kg/mo of acute hazardous waste. Complete Part III - 372.1(f)(6), 371.1(f)(7).
	(2)	NA Small Quantity Generator (SQG) - generates more than 100 kg/mo but less than 1,000 kg/mo of non-acute hazardous, and accumulates no more than 6,000 kg of non-acute hazardous waste on-site. Complete Part IV - 372.2(a)(8)(iii).
	(3)	X Generator - generates more than 1,000 kg/mo of non-acute hazardous waste or generates more than 1 kg of acute hazardous waste in a calendar month. Complete Part V - 372.2(a)(8)(ii).
В.	Tre	atment, Storage or Disposal Facility (TSDF)
	(1)	NA Hazardous waste is stored greater than 90 days.*,**
	(2)	NA Hazardous waste is received from off-site and not beneficially used, reused

or legitimately recycled or stored.* NA Hazardous waste is treated on-site in non-exempt units.* NA Hazardous waste is disposed of on-site.* (If checked Complete Part VI and/or appropriate Appendices) (Do not complete for generators only that have exceeded the 90 day storage limit.) **Transporter Status** Yes No Χ Transporter operates a 10-day transfer facility. If Yes, Complete Part VII Permit No. **Universal Waste Handler** D. NA Small Quantity Handler - company accumulates no more than 5,000 kg total of universal waste at any time - Complete Appendix L. NA Large Quantity Handler - Company accumulates 5,000 kg or more (2) of universal waste at any time - Complete Appendix L. (3) NA Universal Waste Managed On-Site (list type and quantity). E. RCRA Air Emission Rule (Subpart AA/BB/CC) Is facility subject to RCRA Air Emission Rules (Subpart AA/BB/CC)? If Yes, Complete Appendix-X. X If No, Please explain: No waste on site. Wastes generated (contaminated groundwater collected during excavation and remediation operation) were stored in tanks prior to shipment and contained less than 500 ppm organics.

Con	npany Nam	ne US Army Corp of Engineers, Buffalo District:	
EPA	A ID# No.:	NY7210014174	
Insp	ection Dat	e: 01/04/2002	
		Part V	
		LARGE QUANTITY GENERATOR	
		erator who generates 1,000 kilograms or more per month of non-acute haz ates greater than 1 kg per month of acute hazardous waste has complied v	
1.	General	Requirements	
	(a)	The generator has made a determination as to whether or not his solid waste is a hazardous waste - 372.2(a)(2).	<u>X</u>
	(b)	The generator has obtained an EPA identification number - 372.2(a)(3).	<u> </u>
2.	<u>Accumul</u>	ation Area Requirements - 372.2(a)(8)(i)	•
	(a)	The containers appear to be in good condition and are not in danger of leaking - 373-3.9(b).	NA_
	(b)	Hazardous waste is stored in containers made of compatible materials - 373-3.9(c).	<u>NA</u>
	(c)	All containers except those in use are closed - 373-3.9(d)(1).	NA_
	(d)	Containers holding hazardous waste must not be opened, handled or stored in a manner which may rupture the containers or cause them to leak - 373-3.9(d)(2).	NA
	(e)	Containers are marked with the words "Hazardous Waste" and with other words that identify the contents of the containers - 372.2(a)(8)(i)(a)(2).	NA_
	(f)	Hazardous waste may be accumulated in excess of 55 gallons or 1 quart of acutely hazardous waste at or near the point of generation provided that Section 372.2(a)(8)(ii) requirements are met within 3 days, and the container holding the excess accumulation is marked with the date the excess amount began accumulating - 372.2(a)(8)(i)(b).	NA.
3.	90 Day 8	Storage - 372.2(a)(8)(ii)	
	(a)	All wastes are shipped off-site to an authorized treatment, storage or disposal facility (TSDF) in 90 days or less - 372.2(a)(8)(ii).	NA
	(b)	The date upon which each period of accumulation begins is clearly marked and visible for inspection on each	<u>NA</u>

(1)

container - 372.2(a)(8)(ii), 373-1.1(d)(1)(iii)(\underline{c})(\underline{a}), 373-1.1(d)(1)(iv)(\underline{d}).

<u>Container Storage Requirements</u> (This section will also be completed (This section will also be completed for TSDF's as referred from Part VI.)

(c)	The containers appear to be in good condition and are not in	NA
	danger of leaking. (If containers are leaking, describe the type, condition, contents and number that are leaking or corroded. Be detailed and specific) - 373-3.9(b).	
_		
(d) _	Hazardous waste is stored in containers made of compatible materials - 373-3.9(c). (<u>If not</u> , please explain.)	_NA_
_		
(e)_	All containers except those in use are closed - 373-3.9(d)(1).	NA
(f) _	Containers holding hazardous waste must not be opened, handled or stored in a manner which may rupture the containers or cause them to leak - 373-3.9(d)(2).	_NA
(g) _ (h) _	Each container is marked with the words "Hazardous Waste" and with other words to identify the contents - 373-3.9(d)(3). The containers and storage area are inspected at least	NA NA
(i)	weekly - 373-3.9(e). The generator complies with the following special requirements for storage of ignitable or reactive wastes - 373-3.9(f):	
	(1) Containers holding ignitable or reactive waste are located at least 15 meters (50 feet) from the facility property line - 373-3.9(f).	NA
	(2) Generator has taken precautions to prevent accidental ignition or reaction of ignitable or reactive waste by separating and protecting such waste from sources of ignition or reaction - 373-3.2(h)(1).	<u>NA</u>
	(3) Generator has placed "No Smoking" signs conspicuously wherever there is a hazard from ignitable or reactive waste - 373-3.2(h)(1).	NA
(j)	The generator complies with the following special requirements related to incompatible wastes - 373-3.9(g):	

Incompatible wastes, or incompatible wastes and materials, are not placed in the <u>same container</u>, or in an unwashed

(k) ____

(1)

container that previously held an incompatible waste or material unless the placement is conducted to prevent the following - 373-3.9(g)(1) & (2):

	(a) the generation of extreme heat or pressure, fire or explosion, or violent reaction - 373-3.2(h)(2)(i);	NA
	(b) production of uncontrolled toxic mists, fumes, dusts or gases in sufficient quantities to pose a risk of fire or explosions - 373-3.2(h)(2)(ii);	NA_
	(c) production of uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions - 373-3.2(h)(2)(iii);	<u>NA</u>
	(d) damage to the structural integrity of the device or facility containing the waste - 373-3.2(h)(2)(iv); or	NA
	(e) a threat to human health or the environment - 373-3.2(h)(2)(v).	NA
(2)	Containers holding a hazardous waste that is incompatible with any waste or other materials stored nearby in other containers, piles, open tanks, or surface impoundments must be separated from the other materials or protected from them by means of a dike, berm, wall, or other device - 373-3.9(g)(3).	<u>NA</u>
(3)	The owner or operator shall manage all hazardous waste placed in containers in accordance with the applicable requirements of sections 373-3.27, 373-3.28 and 373-3.29 of the Subpart (Complete Appendix X) - 373-3.9(h).	NA_
-	Special requirements for generators of <u>liquid</u> hazardous waste over sole source aquifers or generators that store more than 8,800 gallons of <u>liquid</u> hazardous waste - 373-1.1(d)(1)(iii), 373-1.1(d)(1)(iv).	NA_
	The container storage areas are within a secondary containment system designed and operated in accordance with the following* - $373-1.1.(d)(1)(iv)(\underline{f})$:	
(a)	The base under the containers must be free of cracks or gaps and sufficiently impervious to contain collected material until it is removed - 373-2.9(f)(1)(i).	<u>NA</u>
(b)	The base must be sloped or the containment system otherwise designed and operated to drain and remove liquid unless the containers are elevated or protected from contact with accumulated liquids - 373-2.9(f)(1)(ii).	NA
(c)	The containment system must have sufficient capacity to contain 10 percent of the volume of containers or the volume of the largest container, whichever is greater. Containers that do not contain free liquids are not considered in this determination - 373-2.9(f)(1)(iii).	<u>NA</u>
(d)	Run-on is prevented unless the system has sufficient	NA_

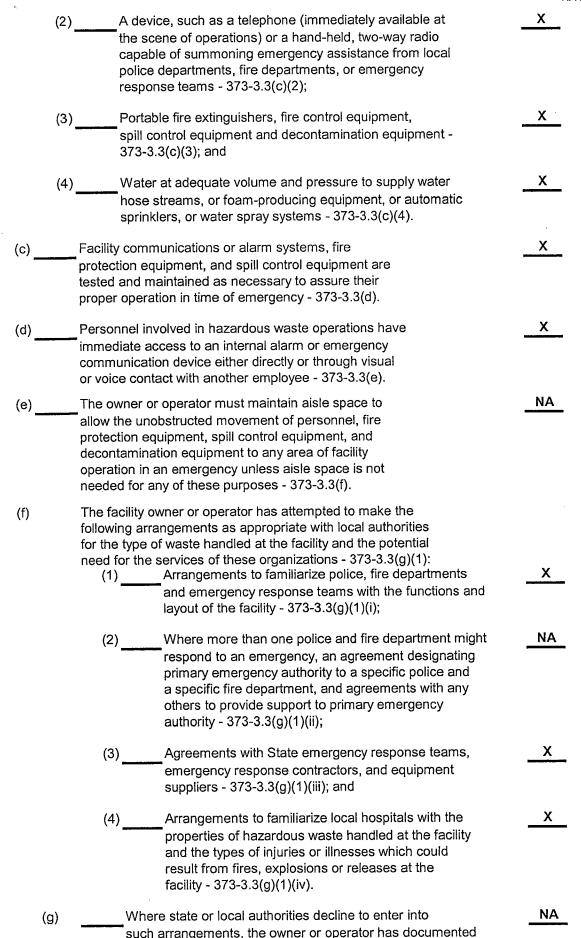
· · · ——	te to an authorized facility 372.2(b)(5)(iii).	-
	generator offers for shipment or ships hazardous	X
(c)The auth	ous waste was generated in 2001. 10000 Gallons generated in 2000 transporter has a valid Part 364 permit or is otherwise orized to transport the waste to the designated ty - 372.2(b)(5)(ii).	X
	generation and shipment of hazardous waste.	
(b) List the freq	uency of shipments and the amount of waste per shipment.	
If violation is	s checked, please provide details.	
acco	mpanying manifest - 372.2(b)(5)(i).	
	ardous waste is shipped off-site with an	х
	ting and Recordkeeping Requirements	
	erators over sole-source aquifers complete Appendix E, except for 3.10(h)(3), Items 9C1 through 5 and 373-3.8 (financial requirements).	NA
Item	erators must complete Appendix E, except for 373-3.10(h)(3) is 9C1 through 5. In addition, 373-3.7 and 3.8 which are crossenced do not apply except for 373-3.7(b) and (e).	<u>NA</u>
Tank Storage R	equirements - 373-3.10	
** If a violation	is checked, please attach a sheet listing the deficiencies in the closure	plan.
partia durin	closure plan identifies the steps necessary to perform all and/or final closure of the facility at any point g its active life. The closure plan must contain the information red by 373-3.7(c)(2)(i) - (vii)** - 373-3.7(2)(c).	NA_
	generator of liquid hazardous waste over a sole source er has a written closure plan - 373-3.7(c)(1).	NA
	ment does not apply to generators of liquid hazardous waste over a soluter if the container storage volume does not exceed 185 gallons.	Э
(e)	Accumulated waste and precipitation must be removed as necessary to prevent overflow - 373-2.9(f)(1)(v).	NA
	excess capacity over that required in (3) - 373-2.9(f)(1)(iv).	

(e)	Each manifest is completed in accordance with the instructions found
	in Appendix 30 of Part 372 - 372.2(b)(1). [Indicate items in violation]

		Trans Trans Generator 1 2 TSDF	
	(1)	Name of	Х
	(2)	EPA ID No. of	х
	(3)	Mailing Address of	x
	(4)	Telephone No. of	x
	(5)	Manifest Document #	x
	(6)	The proper USDOT description.	х
	(7)	The appropriate: quantity, container numbe container type, and waste type by units of weight or volume.	х
	(8)	Signed certification that the materials are properly	X
		classified, described, packaged, marked and labeled, and are in proper condition for transportation under regulations of the USDOT and NYSDEC.	
(f) _		The generator has contacted the designated facility immediately	NA
		after not receiving signed copies of manifests for wastes shipped off-site more than 35 days ago - 372.2(c)(3):	
		For these shipments, exception reports have been submitted after not receiving signed copies of manifests for 45 days - 372.2(c)(3).	NA
(g)_		The generator must distribute copies of the manifest	х
		as specified on the manifest form, postmarked within five (5) business days of the shipment date - 372.2(b)(3).	
(h)		For international shipments the generator has done the following - 372.2(b)(4)(i):	
	(1)	The EPA and the Department have been notified 60 days prior to shipment of the hazardous waste destined for treatment, storage or disposal outside the United States - 372.5(c)(1).	NA
	(2)	Primary exporters of hazardous waste must file with the Administrator and the Department no later than March 1 of each year, a report summarizing the types, quantities, frequency, and ultimate destination of all hazardous waste exported during the previous calendar year - 372.5(f)(1).	NA

(i)	The generator has complied with the requirements of Section 372.6 for interstate shipments - 372.2(b)(4)(ii).	<u> </u>
(j)	The generator has complied with the requirements for shipping by rail or water (bulk) found in Section 372.7 - 372.2(b)(4)(iii).	NA
(k)	A copy of each manifest has been kept for at least three years from the date the waste was accepted by the initial transporter - 372.2(c)(1)(i).	X
(i)	A copy of each Annual Report and Exception Report must be kept for a period of at least three years from the due date of the report - 372.2(c)(1)(ii).	<u> </u>
(m)	A generator must keep records of any test results, waste analyses, or other determinations made in accordance with Part 372.2(a)(2) for at least three years - 372.2(c)(1)(iii).	<u> </u>
(n)	All records required under subdivision 372.2(c) were furnished upon request, or made available at a reasonable time for inspection - 372.2(c)(1)(iv).	<u>x</u>
(o) _	There is written communication that the designated treatment, storage or disposal facility is authorized for the hazardous wastes being offered for shipment, has capacity to accept such hazardous waste, and will assure the ultimate disposal method is followed - 372.2(b)(2)(i).	<u>x</u>
(p) _	There is written communication that the designated transporter is authorized to deliver the waste to the facility on the manifest - 372.2(b)(2)(ii).	<u>x</u>
(q)	A generator who ships hazardous waste off-site to a treatment, storage or disposal facility located within the United States must submit an Annual Report on forms specified by the Commissioner - 372.2(c)(2). Onnel Training - 373-3.2(g)	<u> x</u>
(a)	The following documents and records are maintained at the facility - 373-3.2(g)(4):	
	the job title for each position at the facility related to hazardous waste management and name of the employee filling each job - 373-3.2(g)(4)(i);	<u> </u>
	(2) a written job description for each position - 373-3.2(g)(4)(ii);	<u> x</u>
	(3) a written description of the type and amount of both introductory and continuing training that will be given to each person related to hazardous waste management - 373-3.2(g)(4)(iii); and	<u> x</u>

	(4)	records that document that the training or job experience required has been given to and completed by facility personnel - 373-3.2(g)(4)(iv).	<u> </u>
(b)	in ha inclu haza <u>cont</u> posi	training program is directed by a person trained azardous waste management procedures and must ude instruction which teaches facility personnel ardous waste management procedures (including tingency plan implementation) relevant to the itions in which they are employed. The components are -3.2(g)(1)(i), (ii) and (iii):	
	(1)	Procedures for using, inspecting, repairing and replacing facility emergency and monitoring equipment;	X
	(2)	Key parameters for automated waste feed cutoff systems;	NA_
	(3)	Communications or alarm systems;	X
	(4)	Response to fires and explosions;	X
	(5)	Response to groundwater contamination incidents; and	<u> </u>
	(6)	Shutdown of operations.	X
(c)_	by t	ility personnel have successfully completed the program he effective date of these regulations or six months r the date of their employment - 373-3.2(g)(2).	<u> </u>
(d)_		ility personnel have taken part in an annual review ne initial training required - 373-3.2(g)(3).	<u> </u>
(e) _ (f) _	perr Trai for a	ining records on current personnel have been kept manently at the facility (until closure) - 373-3.2(g)(5). ining records on former employees have been kept at least three years from the date the employee worked at the facility - 373-3.2(g)(5).	<u>x</u> <u>x</u>
<u>Prep</u>	aredness	and Prevention - 373-3.3	
(a) _	pos or n	facility is maintained and operated to minimize the sibility of a fire or explosion, or any unplanned sudden on-sudden release of hazardous waste or hazardous waste stituents to air, soil or surface water - 373-3.3(b).	X
(b)	non cou	e facility must be equipped with the following, unless e of the hazards posed by waste handled at the facility ld require a particular kind of equipment specified bw - 373-3.3(c):	
	(1)	An internal communication or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel - 373-3.3(c)(1);	<u> x</u>



the refusal in the operating record - 373-3.3(g)(2).

8.	<u>Continge</u>	ncy Plan - 373-3.4	
	(a)	The facility has a contingency plan or some other emergency plan which incorporates hazardous waste management - 373-3.4(b)(1).	<u>x</u>
	(b)	If the facility has a Spill Prevention, Control, and Countermeasure Plan (SPCC) or some other emergency plan, that plan need only be modified to incorporate hazardous waste management provisions that are sufficient to comply with the Contingency plan requirements - 373-3.4(c)(2).	<u> </u>
	(c)	The following are included in the contingency plan - 373-3.4(c):	
	(1	A description of the actions facility personnel must take in response to fires, explosions or any unplanned sudden or non-sudden releases of hazardous waste or hazardous waste constituents to air, soil or surface water; 373-3.4(c)(1).	<u>X</u>
	(2	A description of arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services; 373-3.4(c)(3).	X
	(3	Names, addresses and office and home phone numbers of all persons qualified to act as emergency coordinator; 373-3.4(c)(4).	X
	(4	An up-to-date list of all emergency equipment at the facility, and decontamination equipment, where this equipment is required; 373-3.4(c)(5).	<u> </u>
	(The location and a physical description of each item on the list, and a brief outline of its capabilities; 373-3.4(c)(5).	X
	(An evacuation plan for facility personnel, where there is a possibility that evacuation could be necessary - 373-3.4(c)(6).	<u>x</u>
	(d)	Copies of the contingency plan are maintained at the facility - 373-3.4(d)(1).	<u>x</u>
	(e)	Copies of the contingency plan have been submitted to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services - 373.3.4(d)(2).	<u> </u>
	(f)	The contingency plan has been amended, as necessary, when applicable regulations were revised, the plan failed in an emergency, the facility changes or the list of emergency coordinators or equipment changes - 373-3.4(e).	<u>x</u>
	(g)	There is at least one employee either on the facility premises or on call with the responsibility and authority for	X

Comp	any Name:	US Army Corp of Engineers, Buffalo District:		
EPA ID# No.:		NY7210014174		
Regio	n/Inspector	: 9 / Bidjan Rostami	-	
Insped	ction Date:	01/04/2002		
		APPENDIX A		
		Land Disposal Restrictions		
		(For SQG's, LQG's and TSD's that generate and/or store)		
I. <u>D</u>	ilution Proh	ibited as a Substitute for Treatment		
А	gener the re	than as described in B. below, has the rator, in any way diluted a restricted waste or esidual from treatment of a restricted waste: - (c)(1).	YES	NO
	1.	As a substitute for adequate treatment to achieve compliance with section 376.4.		<u>x</u>
	2.	To otherwise avoid a prohibition in section 376.3.		<u>x</u>
	3.	To circumvent a land disposal prohibition imposed by Article 27.		<u>x</u>
	4.	Are hazardous waste from separate points of generation blended, commingled, or otherwise mixed in a way that dilutes, changes any of the treatability groups, subcategories, or treatment standards that individual wastes were subject to prior to commingling?		<u> </u>
		If yes to 1, 2, 3, or 4 above, identify the waste and provide a brief of the dilution process.	f description	
			VEC	NO
Ē	3. Are o	characteristic hazardous wastes diluted (in a	YES	NO X

	disch or for Act? has (Five	nent system which treats wastes subsequently arged to NYS waters) pursuant to a SPDES permit purposes of pretreatment under the Clean Water [Dilution is permissible unless another method been specified as the treatment standard in 376.4(c) Letter Technology codes) or unless the waste is 03 reactive cyanide wastewater or nonwastewater.)]		
C.	code Comi gene destr comp	mbustion used to treat any of the hazardous waste s listed in Appendix 54 (metal bearing wastes)? bustion is prohibited unless the waste, at the point of ration or after any bona fide treatment such as cyanide ruction prior to combustion can be demonstrated to bly with one or more of the following (unless otherwise ifically prohibited from combustion): - 376.1(c)(3)		<u>x</u>
	(1)	the waste contains hazardous organic constituents or cyanide at levels exceeding the constituent - specific treatment standard found in 376.4(j) of this Part;	·	<u>X</u>
	(2)	the waste consists of organic, debris - like materials (e.g., wood, paper, plastic, or cloth) contaminated with an inorganic metal - bearing hazardous waste;		X
	(3)	the waste, at point of generation, has reasonable heating value such as greater than or equal to 5000 BTU per pound;		<u> </u>
	(4)	the waste is co-generated with wastes for which combustion is a required method treatment;		<u>x</u>
	(5)	the waste is subject to Federal and/or State requirements necessitating reduction of organics (including biological agents); or		<u> x</u>
	(6)	the waste contains greater than 1% Total Organic Carbon (TOC).		<u> x</u>
<u>Test</u>	ing, Tra	acking and Recordkeeping Requirements - 376.1(g)		
A.		The generator has determined if the waste has to be treated before it can be land disposed - 376.1(g)(1)(i).		<u> </u>
В.		The determination in A. has been made by testing the waste - 376.1(g)(1)(i).		X
С		The determination in A. has been made by using knowledge of		х

the waste - 376.1(g)(1)(i).

D	corrosivity, react	display the characteristic of ignitability, ivity or toxicity, the generator has complied 376.1(h) [Complete Item III] - 376.1(g)(1)(i).	<u>x</u>
E.	the initial shipme facility, the gener receiving facility	pes not meet the treatment standard: With ent of waste to each treatment or storage rator has sent a one-time notice to each and placed a copy in the file. The notice following information: - 376.1(g)(1)(ii).	
	1.	EPA Hazardous Waste Number	<u>x</u>
	2.	Manifest document number	<u> </u>
	3.	The waste is subject to the LDRs. The constituents of concern for F001-F005, and F039, and underlying hazardous constituents (for wastes that are not managed in a Clean Water Act (CWA) or CWA-equivalent facility), unless the waste will be treated and monitored for all constituents. If all constituents will be treated and monitored, there is no need to put them all on the LDR notice.	<u>x</u>
	4.	The notice must include the applicable wastewater/ nonwastewater category and subdivisions made within a waste code based on waste-specific criteria (such as D003 reactive cyanide).	X
	5.	Waste analysis data (when available).	<u> x</u>
	6.	For hazardous debris, when treating with the alternative treatment technologies provided by subdivision 376.4(g): the contaminants subject to treatment, as described in paragraph 376.4(g)(2); and an indication that these contaminants are being treated to comply with subdivision 376.4(g).	NA_
	<u>NOTE:</u>	No further notification is necessary until such time that the waste or facility change, in which case a new notification must be sent and a copy placed in the generator's file.	
F.	point of generate each TSD, the g receiving the wa	neets the treatment standard at the original ion: With the initial shipment of waste to generator has sent a one-time notice to each TSD aste, and placed a copy in the file. The notice a following information: - 376.1(g)(1)(iii).	
	1.	EPA hazardous waste number.	NA
	2.	Manifest document number.	NA

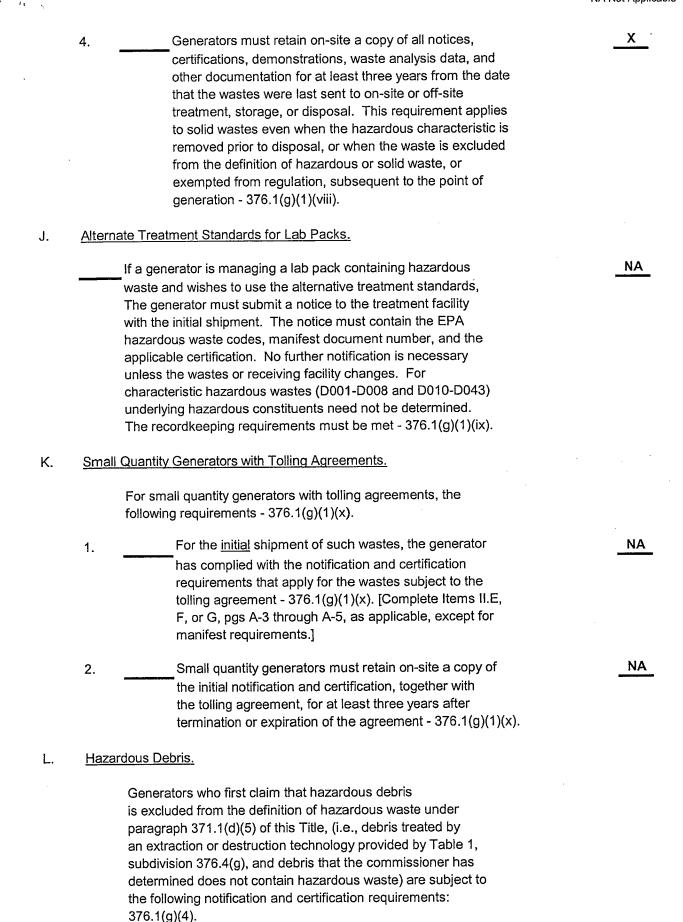
	3.	The waste is subject to the LDRs. The constituents of concern for F001-F005, and F039, and underlying hazardous constituents (for wastes that are not managed in a Clean Water Act (CWA) or CWA-equivalent facility), unless the waste will be treated and monitored for all constituents. If all constituents will be treated and monitored, there is no need to put them all on the LDR notice.	NA_
	4.	The notice must include the applicable wastewater/ nonwastewater category and subdivisions made within a waste code based on waste-specific criteria (such as D003 reactive cyanide).	<u>NA</u>
	5.	Waste analysis data (when available).	<u>NA</u>
	6.	The applicable certification.	NA
	<u>NOTE:</u>	If the waste changes, the generator must send a new notice and certification to the receiving facility and place a copy in the file. Generators of hazardous debris excluded from the definition of hazardous waste under paragraph 371.1(d)(5) of this Title are not subject to these requirements.	
G.	·	Wastes <u>exempted</u> from meeting treatment standards prior to land disposal: With the initial shipment, the generator must send a one-time notice to each land disposal facility receiving the waste. The notice must contain the following information: -376.1(g)(1)(iv).	
	1.	EPA hazardous waste number.	NA
	2.	Manifest documents number.	NA
	3.	Statement: this waste is not prohibited from land disposal.	NA
	4.	Waste analysis data (when available).	NA
	5.	Date the waste is subject to the prohibition.	NA
	6.	For <u>hazardous debris</u> , when treating with the alternative treatment technologies provided by subdivision 376.4(g): the contaminants subject to treatment, as described in paragraph 376.4(g)(2); and an indication that these contaminants are being treated to comply with subdivision 376.4(g).	_NA

NOTE: If the waste changes, the generator must send a new notice to the receiving facility, and place a copy in their files.

H. Treatment of Prohibited Wastes in Containers or Tanks

For generators managing a prohibited waste in tanks, containers, or containment buildings, regulated under paragraph 372.2(a)(8) and treating that waste to meet applicable treatment standards, the following requirements have been met:

	1.	Developed and followed written waste analysis plan which describes the procedures the generator will carry out to comply with the treatment standards - 376.1(g)(1)(iv).	NA
	2.	The waste analysis plan has been based on a detailed chemical and physical analysis of a representative sample of the prohibited waste(s) being treated, and contains all information necessary to treat the waste(s), including the selected testing frequency - 376.1(g)(1)(iv)(a).	NA
	3.	Kept the plan on-site in the generator's records - 376.1(g)(1)(v)(<u>b</u>).	NA
	4.	Wastes shipped off-site have complied with the notification requirements for restricted wastes meeting treatment standards - 376.1(g)(1)(iv)(c). [Complete Item II.F. pgs. A-4.]	NA
l.	Recordkeep	ping.	
	1.	If a generator has determined whether a waste is restricted based solely on knowledge of the waste, all supporting data used to make this determination has been retained on-site in the generator's files - 376.1(g)(1)(vi).	X
	2.	If a generator has determined whether a waste is restricted based on testing of the waste or an extract developed using the test method 1311, all waste analysis data has been retained on-site in the generator's files -	<u> </u>
	3.	376.1(g)(1)(vi). If a generator has determined that he is managing a restricted waste that is excluded from the definition of hazardous or solid waste, or exempt from regulation, under 371, subsequent to the point of generation (including deactivated characteristic hazardous wastes managed in wastewater treatment systems subject to the Clean Water Act), the generator has placed in the facility's file a one-time notice stating: - 376.1(g)(1)(vii).	
		aThat the waste is generated,	NA
		b That the waste is excluded from the definition of hazardous or solid waste or exempted from regulation.	NA
		c The disposition of the waste.	NA



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	1.		A one-time notification must be submitted to the commissioner to include the following information: 376.1(g)(4).	
		a.	The name and address of the authorized Part 360 facility receiving the treated debris - 376.1(g)(4)(i)(a).	NA
		b.	A description of the hazardous debris as initially generated, including the applicable EPA or NYS Hazardous Waste Number(s) - 376.1(g)(4)(i)(<u>b</u>).	<u>NA</u>
		C.	For debris excluded under subparagraph 371.1(d)(5)(i) of this Title, the technology from Table 1, subdivision 376.4(g), used to treat the debris - 376.1(g)(i)(c).	NA
	2.	,	The notification must be updated if the debris is shipped to a different facility, and, for debris excluded under subparagraph 371.1(d)(5)(i) of this Title, if a different type of debris is treated or if a different technology is used to treat the debris - 376.1(g)(4)(ii).	NA_
III. <u>Spec</u>	cial Rule	s Regard	ding Wastes That Exhibit a Characteristic	
	A.		The initial generator of a solid waste has determined each EPA hazardous waste number (waste code) applicable to the waste in order to determine the applicable treatment standards under section 376.4 of this Part. For purposes of Part 376, the waste will carry the waste code for any applicable listing under section 371.4 of this Title. In addition, where the waste exhibits a characteristic, the waste will carry one or more of the characteristic waste codes under section 371.3, except when the treatment standard for the listed waste operates in lieu of the treatment standard for the characteristic waste, as specified in paragraph (2) of this subdivision. If the generator determines that their waste displays a hazardous characteristic (and is not D001 nonwastewaters treated by CMBST, RORGS, OR POLYM of subdivision 376.4(c), Table 1 of this Part), the generator must determine the underlying hazardous constituents (as defined in subdivision 376.1(b)(1) of this Part), in the characteristic waste - 376.1(h)(1).	<u>X</u>
	В.		For a prohibited waste that is listed and also exhibits a characteristic, the treatment standard for the listed waste code will operate in lieu of the standard for the characteristic code, <u>provided</u> the treatment standard for the listed waste includes a treatment standard for the constituent that causes the waste to exhibit the characteristic. Otherwise the waste must meet the treatment standards for all applicable listed and characteristic codes - 376.1(h)(2)	<u>x</u>

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	С.		exhibit a ch	d disposal, all prohibited wastes which aracteristic have been treated to the tandards provided in 376.4 - 376.1(h)(3).	<u>x</u>
	D.		subdivision waste is no certification files and se certification files must b the waste c the waste c notify the D Such notific Departmen	t exhibit a characteristic are also subject to 376.1(g) requirements, except that once the longer hazardous, a one-time notification and must be placed in the generators' or treaters' nt to the commissioner. The notification and that is placed in the generators' or treaters' e updated if the process or operation generating hanges and/or if the Part 360 facility receiving hanges. However, the generator or treater need only epartment on an annual basis if such changes occur. eation and certification should be sent to the to the to the calendar year, but no later than 31 - 376.1(h)(4).	•
		1.		The notification includes the following information: - 376.1(h)(4)(i).	
			a.	The name and address of the Part 360 facility receiving the waste - 376.1(h)(4)(i)(<u>a</u>).	<u>x</u>
			b.	A description of the waste as initially generated, including the applicable EPA Hazardous Waste Number and treatability group(s), and underlying hazardous constituents, unless the waste will be treated and monitored for all underlying hazardous constituents. In that case they do not have to be listed on the notice - 376.1(h)(4)(i)(b).	X er(s)
		2.	<u></u>	The certification is signed by an authorized representative and state the language found in subparagraph 376.1(g)(2)(iv)(e) - 376.1(h)(4)(ii).	<u> x</u>
		3.		If the treatment removes the characteristic but does not treat underlying hazardous constituents, then the certification in 376.1(g)(2)(iv)(d) applies - 376.1(h)(4)(ii)(a).	<u>x</u>
IV.	PCB Disposa	<u>tl</u>			
	Α.	content	t, are dispose	ed under Part 371 solely for their PCB ed of in accordance with the provisions of except 376.1(f)(1).	
		1.	·····	As listed in Part 371, waste B002, from any source other than a spill, may not be stabilized or mixed with any substance to conform with any provision of 40 CFR Part 761 regarding land disposal - 376.1(f)(1)(i).	NA_

A.

V. Prohibition on Storage of Restricted Wastes - 376.5(a)

is permitted provided that: - 376.5(a)(1). The owner or operator of a hazardous waste treatment 1. storage, or disposal facility has: Only stored restricted wastes in tanks or containers NA a. for up to one year solely for the purpose of the accumulation of such quantities as necessary to facilitate proper recovery, treatment, or disposal -376.5(a)(1)(ii). Clearly marked each container or tank to identify NA b. its contents and the date each period of accumulation begins - 376.5(a)(1)(ii)(a). Maintained in the operating record the contents and NA C. beginning accumulation date for each tank and container - 376.5(a)(1)(ii)(b). NA Complied with all operating record requirements of d. 373-2.5(c) or 373-3.5(c) - 376.5(a)(1)(ii)(b). NΑ Unless the Department can prove that such storage was not В. solely for the purpose of accumulation of such quantities as necessary to facilitate proper recovery, treatment or disposal, the owner/operator of a treatment, storage or disposal facility may store restricted waste for up to one year - 376.5(a)(2). NA The owner/operator of a treatment, storage or disposal C. facility has stored restricted waste beyond one year and has proven that the storage was solely for the purpose of accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment, or disposal - 376.5(a)(3). Liquid hazardous wastes containing PCBs at concentrations NA D. greater than or equal to 50 ppm have been stored at facilities that meet the requirements of 371 through 376 and 40 CFR 761.65(b), and have been removed from storage and treated or disposed of as required within one year of the date when such wastes were placed in storage - 376.5(a)(6).

The storage of hazardous wastes restricted from land disposal