

December 1, 2023

2 Stanton Street Marinette, WI 54143-2543 t: 715-735-9033 f: 715-735-5304 www.chemdesign.com

Mr. Cody W. Heinze Northeast Region Spill Coordinator – Hydrogeologist Remediation and Redevelopment Program Wisconsin Department of Natural Resources 2984 Shawano Avenue, Green Bay WI 54313-6727

Dear Mr. Heinze

In this letter you will find the information you requested pertaining to the equipment malfunction of our fire protection system at approximately 3:45 PM on November 29, 2023 – WI SPILL #19909 ID 20231129NE38-1. This lead to the release of 47 gallons of three percent fire suppression foam onto an asphalt and concrete covered area between Buildings 69 and 67 of our facility. Please see Map 1 at the end of this report for the location on ChemDesign's site.

On the day of the fire suppression release, Marinette, Wisconsin was experiencing temperatures below 32 degrees F. Due to the cold, we believe ice had built up in and around sprinkler head number DS28 (see Pic 1). This caused the sprinkler head seat to shift and unseal from its position and allow the dry system to depressurize setting off that single head. The system dumped the foam on top of the shed which has a roof that drops to the south allowing material to come off the roof and collect in the southwest corner of the building. No foam or water was observed on the north side of the shed.



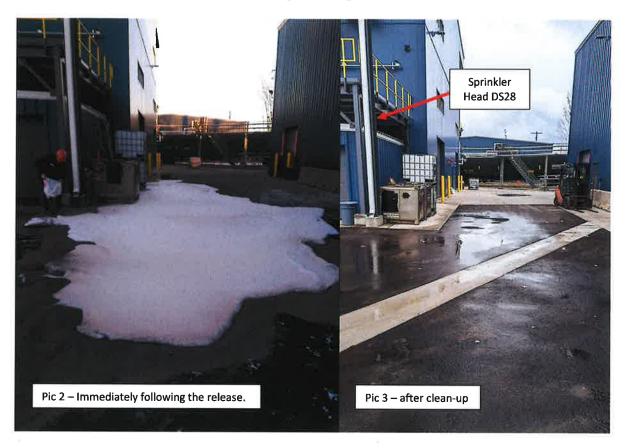
The sprinkler head is located in the southwest corner of Building 69 above a shed (see Pic 3). This is a new fire suppression system that was started up at the beginning of October 2023.

ChemDesign Chemical Operators responded to the fire suppression release immediately and began to put Oil Dri (absorbent) down and around the area to absorb and contain the material. Chemical Operators at ChemDesign maintain 40-hour OSHA Hazardous Materials Technician level certification and training, and are provided the appropriate first response materials and personal protection equipment to deal with HazMat incidents should they occur.

The Marinette Fire Department also responded to the fire alarm but left the ChemDesign site soon after establishing that there was not a fire, and that ChemDesign had the release well under control.

The clean-up involved six ChemDesign Operators working for nine hours to clean-up the spill and absorbent materials. Six hundred gallons of fire suppression media and rinse waters were collected throughout the clean-up in two, three-hundred and fifty-gallon totes. An air-operated negative pressure diaphragm pump along with chemical hoses were used for the clean-up. The area was rinsed multiple times with fresh water and the surface powered washed.

Sixteen, 55-gallon open-top steel drums were used for disposal of the Oil-Dri. The amount of absorbent used was approximately 95, 50-pound bags.



The pump and hosing will also be incinerated once their use is discontinued. Shovels, brooms and PPE have been placed with the absorbent and will be sent out for incineration.

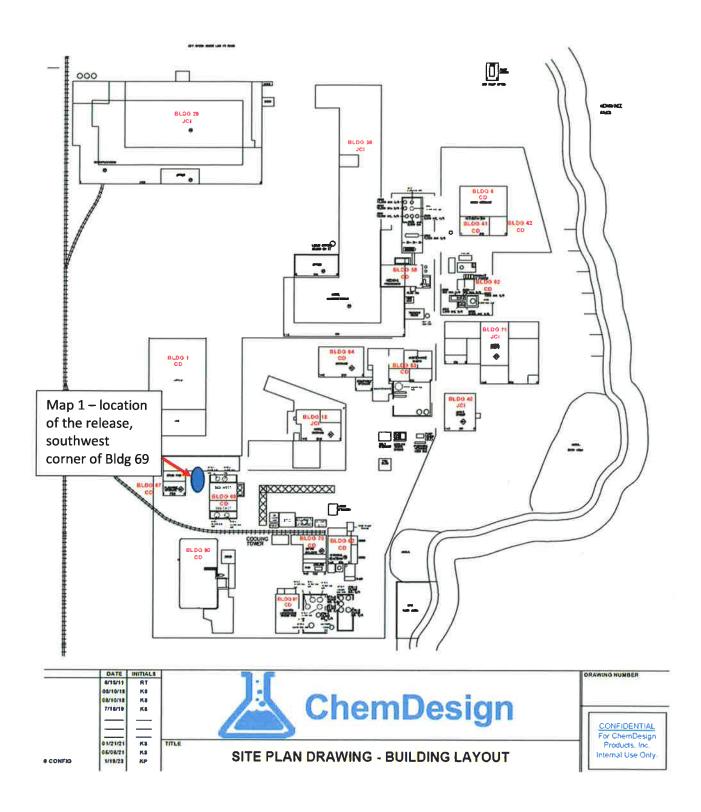
All the used Oil-Dri absorbent and the 600 gallons of waste solution will be sent off-site for incineration. All material will go to Sarnia, Ontario; Clean Harbors Canada, Inc., 4090 Telfer Road, Corunna, ON EPA ID: MIR000035204. Shipping manifests for the disposal material will be forwarded once produced.

If you have any additional questions, please feel free to contact me.

Thomas Willis Director of HES

ChemDesign Products, Inc.

twillis@chemdesign.com



Bill of Lading

			CUSTOME	ER #CH49932	2
	то			FROM	
Clear	Harbors Aragonite, LLC		ChemDesign		
1160	0 North Aptus Rd		2 Stanton St		
Salt I	ake City, Utah, 84083		Marinette, W	/I 54143	
UTD9	981552177		WID980898	266	
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	E	xporter, I certify that the co certify that the waste minin	ontents of this con	sianment conform to t	the terms of the attache	d EPA Acknowl	edament	of Consent			ir export sn	ipment and i	am the Prir	nary
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		ignated Facility Owner or	Operator: Certifica	ation of receipt of haza	ardous materials covere			t as noted in Item	18a					
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Page: 1 of 1

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		Cert	<u>ification</u>			Manifest Line				
						Items				
										
Pursuant to 40	CFR 268.7(a), I he	ereby notify that th	nis shipment contai	ns waste re	stricted under 40 CFR	1.				
Part 268.										
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Waste analysis	s data, where avail	able, is attached.			$7 \cdot 1 \cdot 100$					
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	Table	Manaç	Date:		2/6/2023					
Title :	Title:									

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material. Please print or type Form Approved, OMB No. 2050-0039 Generator ID Number 2. Page 1 of 3, Emergency Response Phone I. Manifest Tracking Number UNIFORM HAZARDOUS 8673968 F WID980898266 X 7 (800) 483-3718 **WASTE MANIFEST** Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address Incorporated 2 Stanton Street SAME Marinette, WI 54143 Generator's Phone: (715) 735-8346 ATTN:Christopher Moore 6. Transporter 1 Company Name U.S. EPA ID Number Escanaba & Lake Superior Railroad C MID985613470 7. Transporter 2 Company Name U.S. EPA ID Number Canadian National Railroad ILD984766147 8. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Canada. Inc. MIR000035204 4090 Telfer Road Corunna, ON NON 1G0 (519) 864-1021 Facility's Phone: 9b., U.S., DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. No. Туре RQ, UN3286, WASTEFLAMMABLE LIQUID, TOXIC, CORROSIVE, D001 D002 GENERATOR N.O.S., (POTASSIUM HYDROXIDE, ISOPROPANOL, ORGANIC X PESTICIDE), 3, (6.1), (8), PG II (D002, D001) 14. Special Handling Instructions and Additional Information

1 CH482739D-RATE FRG#131 RAILCAR # AoC035051/05E/23 3ATX 8247 Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf for purposes of transportation efficiency convenience or sate 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. or's/Offeror's:Printed/Typed Name Day Year 16. International Shipments Import to U.S Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. TRANSPORTER 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Month Day Year Transporter 2 Printed/Typed Name Signature Year 18. Discrepancy 18a. Discrepancy Indication Space Туре Full Rejection Quantity Residue Partial Rejection Manifest Reference Number: **FACILITY** 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature Month Dav Year

1	UNIF	(Continuation Sheet) 21. Generator ID Number WID 980898266	22. Page 2 of 2	23. Manif	iest Tracking Nun 167396	nber 18 FLE	2
	24. G	enerator's Name ChemDesign Products Incorporated	â				
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	25. 7	ransporter 3 Company Name CSX Transportation	*				21340
	26. T	ransporter 4 Company Name Clean Harbors ENV Services	INC		U.S. EPAID N		322250
	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Contain	ers Type	29. Total Quantity	30. Unit Wt/Vol.	31. Waste Codes
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DESIGNATED FACILITY	36. H	azardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and re	cycling systems)				
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Page : 1 of 1

MANIFEST INFORMATION									
Generator :	ChemDesign	Products Incorpora	ated		Manifest Tracking In	fo.			
Address:	2 Stanton Stro Marinette,WI		018673968FLE						
EPA ID#:	WID9808	Sale	es Order No: 230627057	7					
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Line Item: Pa	age No:	Profile No:	Treatability Group	:	LDR Disposal Category				
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EPA Waste Code				EPA Waste SubCategory					
D001				High TOC	Ignitable Liquids				
D002				Corrosive	Characteristic				
		Applies to Manifest Line Items							
Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.									
Waste analysis data, where available, is attached Signature: Print Name Classe Manage Date : Classe Color Color									

Plea	ase print or type.	lowledges that	t no material ch	ange has occum								OMB No.	2050-0039
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Н	Marinette, WI 54		ATTH OL		1	SATI	*1L						
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	7. Transporter 2 Company Nam	ie							U.S. EPA ID	Number	0101		
	Canadian Nation								ILDS	9847	7661	47	
	8. Designated Facility Name an								U.S. EPA ID N	Number			
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ı,	I certify that the waste min	imization statement	t identified in 40 CFR	262.27(a) (if I am a lar	ge quantity gen	erator) or	(b) (if I am a sma	II quantity ge	nerator) is true.				
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	18c. Signature of Alternate Facil	ty (or Generator)									Mo	nth Day	Year
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	20. Designated Facility Owner o	r Operator: Certifica	ation of receipt of haz	ardous materials cover			t as noted in Item	18a					
	Printed/Typed Name				Sigr I	nature					Moi 1	nth Day	Year
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Form Approved. OMB No. 2050-0039

1	UNIF	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	22. Page 2 of 2		fest Tracking Nu 67396	mber 9 FLE	5	
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TRANSPORTER		ransporterAcknowledgment of Receipt of ed/Typed Name	Materials Signatu	re				Month Day Year
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Page : 1 of 1

MANIFEST INF	IANIFEST INFORMATION									
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Line Item:	Page No:	Profile No:	Treatability Group	:	LDR Disposal Category					
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EPA Waste Co	de			EPA Waste SubCategory						
D001 High TOC Ignitable Liquids										
D002				Corrosive	Characteristic					
	a	Applies to Manifest Line Items								
Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.										
Waste analysis data, whère available, is attached. Signature: Print Name Inistopher Mooce Title: Date: 376/2023										

Plea	se print or type.								OMB No. 2	050-0039
1	UNIFORM HAZARDOUS WASTE MANIFEST WID 980898266	2. Page 1 of 1 2		rgency Response)0) 483-3		4. Manifest	Tracking No	739	70 F	LE
	5. Generator's Name and Mailing Address ChemDesign Products Incorporated		Generat	or's Site Address	(if different th	an mailing addres	s)			
Н	2 Stanton Street		SAI	ME						
	Marinette, WI54143	[9111	****						
	Generator's Phone: (715) 735-8346 ATTN:Christopher Moo. 6. Transporter 1 Company Name	re				U.S. EPA ID N	lumber			
	Escanaba & Lake Superior Railroad C							6134	70	
	7. Transporter 2 Company Name					U.S. EPA ID N	lumber			
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	Corunna, ON NON 1G0 Facility's Phone: (519) 864-1021					1				
	 9a. J.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 		3	10, Contair No.	ners Type	11. Total Quantity	12. Unit Wt./Vol.	13.	Waste Codes	
~	1. RQ, UN3286, WASTE FLAMMABLE LIQUID, TOXIC,	CORROSI	VE.	1		FIRA	~	D001	D002	
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	authority on initial transporter to add or substitute additional transports. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this									
	marked and labeled/placarded, and are in all respects in proper condition for transport acc Exporter, I certify that the contents of this consignment conform to the terms of the attached				onal governm	ental regulations.	If export sh	ipment and I	am the Prima	гу
	I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large	ge quantity gen	erator) or		ll quantity ger	nerator) is true.				
	Generator's/Offeror's Printed/Typed Name 100 00 00 00 00 00 00 00 00	Sign	fature 1	150	to	m		Mor	Z ₁₆	Year Z3
*	To, International Shipments	1	\mathcal{I}	MS					C 6	10
Ĭ.	Import to U.S. Transporter signature (for exports only):	Export from U	J.S.	Port of ent Date leavir						
쏪	17. Transporter Acknowledgment of Receipt of Materials									
KTI	Transporter 1 Printed/Typed Name	Sigr	nature					Mor	nth Day	Year
ISP	Transporter 2 Printed/Typed Name	Sign	nature					Moi	nth Day	Year
TRANSPORTER INT'L	Transportor 2 i illicon i yped Harite	I	lature					1	l	I
<u></u>	18. Discrepancy									_
	18a, Discrepancy Indication Space Quantity Type			Residue		Partial Reje	ection	[Full Reje	ction
<u>-</u>	18b. Alternate Facility (or Generator)		M	anifest Reference	Number:	U,S, EPA ID N	umber			
틹	damy (a. canada)					O'O' EL VIDIA				
FA	Facility's Phone:					Î				
田田	18c. Signature of Alternate Facility (or Generator)							Mo	onth Day	Year
DESIGNATED FACILITY	40.11									\perp
ES	Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treat Lange 2.	atment, disposal	, and rec	ycling systems)		4.				
	H040	9-				"				
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials cover	red by the manif	est exce	pt as noted in Item	18a					
	Printed/Typed Name	Sign	nature					Mo	nth Day	Year
\downarrow										

Form Approved. OMB No. 2050-0039 Please print or type. 21. Generator ID Number **WID980898266** 23. Manifest Tracking Number 22. Page **2** of 2 **UNIFORM HAZARDOUS WASTE MANIFEST** 018673970FLE (Continuation Sheet) 24. Generator's Name ChemDesign Products Incorporated U.S. EPAID Number F L D 0 0 6 9 2 1 3 4 0 Company Name **CSX Transportation** 25. Transporter U.S. EPA ID Number 26. Transporter Company Name Clean Harbors EN Services INC MAD039322250 28, Containers 27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 29. Total 30. Unit 31. Waste Codes and Packing Group (if any)) НМ No. Туре Quantity Wt./Vol. 32. Special Handling Instructions and Additional Information Acknowledgment of Receipt of Materials 33. Transporter Printed/Typed Name Signature Month Day Year 34. Transporter Acknowledgment of Receipt of Materials Day Printed/Typed Name Signature Month Year 35. Discrepancy DESIGNATED FACILITY 36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)



Page: 1 of 1

	AL SEKAIRES.									
MANIFESTINF	ORMATION									
Generato	or: ChemDesign	Products Incorpora	ated	=	Manifest Tracking In	fo				
Addres	SS: 2 Stanton Stro Marinette, WI			018673970FLE						
EPA ID #: W I D 9 8 0 8 9 8 2 6 6 Sales Order No: 230627057										
	LINE ITEM INFORMATION									
Line Item:	Page No:	Profile No:	Treatability Group		LDR Disposal Category					
1.	1	CH482739B- RAIL	NON-WASTEWA	TER	2 (This is subject to LDR	.)				
EPA Waste Co	ste SubCategory									
D001				High TOC	Ignitable Liquids					
D002				Corrosive	Characteristic					
		Applies to Manifest Line Items								
Pursuant to 40 Part 268.	Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR 1. Part 268.									
Waste analysis data, where available, is attached. Signature: Print Name historie Meac Title: Waste Manager Date: 12/6/2023										

Ple	ase pri	nt or type.	owieages tha	it no material cr	nange nas occum	ea enner in	the ch	aracteristics	or in the p	process gene	rating th	e material m Approved	OMB No	. 2050-003
1	UNIF	ORM HAZARDOUS	1. Generator ID N	Number 808982		2. Page 1 of	3. Eme	ergency Respons	e Phone	4. Manifest	Tracking N			FIF
	5. Ger	nerator's Name and Mailin hemDesign Pro								nan mailing addre	E O O	133	0 1	<u> </u>
	2	Stanton Street					SAI	ME						
		farinette, WI 54 rator's Phone: (715)		ATTN:Ch	ristopher Moo	re	Ì							
ı	550000	nsporter 1 Company Nam								U.S. EPA ID I				
ı		scanaba & Lake		Railroad C						U.S. EPA ID N		6134	70	
1	58.1	anadian Nation		i						1		7661	47	
	8. Des	signated Facility Name and	Site Address							U.S. EPA ID I	Number	001	7./	
l	4.0	lean Harbors Ca 090 Telfer Road	i							MIR	000	0352	04	
۱	Co Facility	orunna, ON NON y's Phone:	I 1G0 (519) 864	-1021						1				
1	9a. HM	9b. U.S. DOT Description and Packing Group (if a	on (including Prope	er Shipping Name, Ha	zard Class, ID Number,			10, Conta		11. Total	12. Unit	13.	Waste Cod	ies
	HIVI			434544BUELL	IOMA TOMA			No.	Туре	Quantity	Wt./Vol.			
GENERATOR	x	N.O.S., (POTA PESTICIDE),	ISSIUM HY	DROXIDE. IS	QUID, TOXIC, OPROPANOL. 2, D001)	ORGANIC	IVE,	1	TT	5,859	9	D001	D002	
GEN		2.												
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		3												
ı														-
		4.												
	14. Sp	ecial Handling Instructions	and Additional In	formation						RAILCAR	-			L .
	1.	CH4827395-R	ALL ERG	#131 Ao	C035051/05	E/23			,	SAT	x 8	247		
	autino	nity on initial trans	nodor to add	Caraubailinia -	oddilanni tomovna			d_ b_b_w *.		Contract re	talned_b	y generat	or confe	rs agency
	15 G	ENERATOR'S/OFFEROR	R'S CERTIFICATI	ON: I hereby declare	that the contents of this	s consignment a	are fully a	nd accurately de	scribed above	by the proper shi	pping name	ard are class	sified nan	kaned
	E	xporter, I certify that the co certify that the waste minin	ontents of this con	sianment conform to t	the terms of the attache	d EPA Acknowl	edament	of Consent			ir export sn	ipment and i	am the Prir	nary
3	Genera	athr's/Offeror's Printed/Typ	ed Name	1	202.21 (a) (ii i aiii a laig		fature /	(b) (iii aiii a sina	all quantity ger	lerator) is true.		Mor	ith Da	y Year
+	16 Inte	ernational Shipments	e///	Loore				MS		* C	_	13	46	Year 23
		orter signature (for export	☐☐ Import to	o U.S.		Export from U	I.S.	Port of en Date leavi						
뷝		nsporter Acknowledgment		rials										
5	rranspo	orter 1 Printed/Typed Nam	е			Sigr 	nature					Mon I	th Day	/ Year
KANS	Transpo	orter 2 Printed/Typed Nam	e			Sigr	nature					Mon	ith Day	/ Year
Ě	18 Die	crepancy												
		screpancy Indication Space	e Qua	untits.	Туре		Т	7					7	
П			L Qua	Hoty	туре		_	Residue		Partial Reje	ction	L	Full Re	jection
-	18b. Alt	ernate Facility (or General	tor)				Ma	nifest Reference	Number:	U.S. EPA ID N	umber			
3										14				
		s Phone: gnature of Alternate Facility	v (or Generator)									Mor	nth Da	y Year
[3		Sati											y Idai
		ardous Waste Report Mar	nagement Method		r hazardous waste treat		, and recy	cling systems)		1				
-	1. H	1040		2.		3.				4.				
		ignated Facility Owner or	Operator: Certifica	ation of receipt of haza	ardous materials covere			t as noted in Item	18a					
	Printed/	Typed Name				Sign 	ature					Mor	ith Day	Year
74	Corne 0	2700.22 (Pay 12.17) F	2											



Page: 1 of 1

ENVIRONMENT	AL SERVICES"		================	=========	=======================================	=======================================				
MANIFEST INF					Manifest Tracking Inf					
Generato	r: ChemDesign	Products Incorpor	ated							
Addres	2 Stanton Stre			018673967FLE						
Addioc	Marinette,WI	54143								
EDA ID	#: WID9808	0 9 2 6 6		Sal	es Order No: 230627057	7				
	EPA ID #: W I D 9 8 0 8 9 8 2 6 6 [Sales Older No. 2505275577									
Line Item: Page No: Profile No: Treatability Group: LDR Disposal Category										
	1 age 110.	CH482739B-	NON-WASTEWA		2 (This is subject to LDR	.)				
1,	1	RAIL	Herr mierzim	W-=						
EPA Waste Co	i do	L	-L	EPA Wa	ste SubCategory					
D001					Ignitable Liquids					
D002				Corrosive	Characteristic					
				<u>!</u>		Applies to				
		Cert	<u>ification</u>			Manifest Line				
						Items				
										
Pursuant to 40	CFR 268.7(a), I he	ereby notify that th	nis shipment contai	ns waste re	stricted under 40 CFR	1.				
Part 268.										
						<u> </u>				
Waste analysis	s data, where avail	able, is attached.			$7 \cdot 1 \cdot 100$					
Signature :	1 10 ctoplas / Victoria									
	Table	Manaç	Date:		2/6/2023					
Title :	Title:									

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material. Please print or type Form Approved, OMB No. 2050-0039 Generator ID Number 2. Page 1 of 3, Emergency Response Phone I. Manifest Tracking Number UNIFORM HAZARDOUS 8673968 F WID980898266 X 7 (800) 483-3718 **WASTE MANIFEST** Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address Incorporated 2 Stanton Street SAME Marinette, WI 54143 Generator's Phone: (715) 735-8346 ATTN:Christopher Moore 6. Transporter 1 Company Name U.S. EPA ID Number Escanaba & Lake Superior Railroad C MID985613470 7. Transporter 2 Company Name U.S. EPA ID Number Canadian National Railroad ILD984766147 8. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Canada. Inc. MIR000035204 4090 Telfer Road Corunna, ON NON 1G0 (519) 864-1021 Facility's Phone: 9b., U.S., DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. No. Туре RQ, UN3286, WASTEFLAMMABLE LIQUID, TOXIC, CORROSIVE, D001 D002 GENERATOR N.O.S., (POTASSIUM HYDROXIDE, ISOPROPANOL, ORGANIC X PESTICIDE), 3, (6.1), (8), PG II (D002, D001) 14. Special Handling Instructions and Additional Information

1 CH482739D-RATE FRG#131 RAILCAR # AoC035051/05E/23 3ATX 8247 Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf for purposes of transportation efficiency convenience or sate 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. or's/Offeror's:Printed/Typed Name Day Year 16. International Shipments Import to U.S Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. TRANSPORTER 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Month Day Year Transporter 2 Printed/Typed Name Signature Year 18. Discrepancy 18a. Discrepancy Indication Space Туре Full Rejection Quantity Residue Partial Rejection Manifest Reference Number: **FACILITY** 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature Month Dav Year

1	UNIF	(Continuation Sheet) 21. Generator ID Number WID 980898266	22. Page 2 of 2	23. Manit	fest Tracking Nur 367396	nber 18 FL S	2	
	24. G	enerator's Name ChemDesign Products Incorporated	â	***				
	-				II C EDAID A	l		
	25. 1	ransporter 3 Company Name CSX Transportation	*				21340	
	26. T	ransporter 4 Company Name Clean Harbors ENV Services	INC		U.S. EPA ID N		322250	
	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Contain	ers Type	29. Total 30. Unit Quantity Wt./Vol.			
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GENERATOR —								
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	32. S	pecial Handling Instructions and Additional Information					 	
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\	33. Tr	ansporterAcknowledgment of Receipt of Materials						
TRANSPORTER	Printe	d/Typed Name Signature					Month Day Year	
NSP(34. Tr	ansporterAcknowledgment of Receipt of Materials						
		d/Typed Name Signature					Month Day Year	
≧	35. D	screpancy					- · · · · · · · ·	
FACIL								
DESIGNATED FACILITY	36. H	azardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and re	cycling systems)			1	(++ _E	
DESIG							= A	
Ī	1							



Page : 1 of 1

MANIFESTINFORMATION								
Generator: ChemDesign Products Incorporated					Manifest Tracking Info.			
Address:	2 Stanton Str Marinette,WI			018673968FLE				
EPA ID#:	WID9808	98266		Sale	es Order No: 230627057	7		
LINE ITEM INFOR	RMATION							
Line Item: Pa	age No:	Profile No:	Treatability Group	:	LDR Disposal Category			
1, 1		CH482739B- RAIL	NON-WASTEWA	ΓĒR	2 (This is subject to LDR.)		
EPA Waste Code				EPA Was	ste SubCategory			
D001	1254 His 12200 S.S.S. W. W.			High TOC	Ignitable Liquids			
D002				Corrosive	Characteristic			
<u>Certification</u>								
Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.								
Waste analysis data, where available, is attached Signature: Print Name Colopher Moore								

Plea	ase print or type.	lowledges that	t no material ch	ange has occum								OMB No.	2050-0039
1	UNIFORM HAZARDOUS	1. Generator ID N			ľ	1	rgency Response		4. Manifest			00 5	-1 =
П	WASTE MANIFEST		308982	66	12		00) 483-3		<u> </u>	<u> T 8 P</u>	<u>739</u>	<u>69 F</u>	<u>-LE</u>
П	5. Generator's Name and Mailin ChemDesign Pro	5. Generator's Name and Mailing Address ChemDesign Products Incorporated Generator's Site Address (if different than mailing address)											
Ш	2 Stanton Street					SAN	AE.						
Н	Marinette, WI 54		ATTH OL		1	SATI	*1L						
4	Generator's Phone: (715) 6. Transporter 1 Company Nam		ATTN:CH	ristopher Moo	re				U.S. EPAID N	Number			
Ш	Escanaba & Lak	e Superior F	Railroad C						MID	985	6134	70	
	Escanaba & Lake Superior Railroad C MID985613470 Transporter 2 Company Name U.S. EPA ID Number												
Canadian National Railroad ILD9 8									9847	7661	47		
8. Designated Facility Name and Site Address U.S. EPA ID Number													
	Clean Harbors Canada. Inc. MIRO00035204												
	Corunna, ON NO! Facility's Phone:	N 1G0 <i>(</i> 519) 86 4 -	4.024						1				
П	9a. 9b. U.S. DOT Descripti			zard Class, ID Number	 :		10. Contain	ners	11, Total	12. Unit	F		
	HM and Packing Group (if a	any))					No.	Туре	Quantity	Wt./Vol.	13.	Waste Code:	S
5	^{1.} RQ, UN3286	, WASTEFL	AMMABLE LI	QUID, TOXIC,	CORROS	IVE,	1		500	1	D001	D002	
AT0				OPROPANOL.	ORGANIC	:		117	5,859	191		2002	
GENERATOR	PESTICIDE),	3, (6.1), (8),	, PG II (D002	, D001}				•					
핑													
1													
	3,()												
	4.					_							
	7												
	14. Special Handling Instructions and Additional Information 1. CH482739B-RATL_ERG#131 AoC035051/05E/23												
	1.UR402139B-E	THILL EREST	MOT YOU	-naanat) na	E/25				GAT	X8	247		
									Contract re	d beniste	v nenerat	or confere	аделск
	authority on initial trans 15. GENERATOR'S/OFFERO	R'S CERTIFICATION	ON: I hereby declare	that the contents of the	s consignment a	nerator are fully a	nd accurately de:	cribed above	by the proper sh	ipping name	ciency cor e, and are cla	rkenience ssified, packa	or safeti ged,
	marked and labeled/placar Exporter, I certify that the o	rded, and are in all a	respects in proper co	ndition for transport acc	cording to applic	cable inter	rnational and nation						
ı,	I certify that the waste min	imization statement	t identified in 40 CFR	262.27(a) (if I am a lar	ge quantity gen	erator) or	(b) (if I am a sma	II quantity ge	nerator) is true.				
	Generator's/Offeror's Printed/Ty		1 ma		Sign	Refure)		1	n		Mor	Z Bay	Year
_	16. International Shipments				7-		MS				11.	- 0	دين
INT.	Transporter signature (for expo	Import to rts only):	o U.S.			J.S.	Port of ent Date leavir						
	17. Transporter Acknowledgmen		rials										
TRANSPORTER	Transporter 1 Printed/Typed Nar	ne			Sigr	nature					Mor	ith Day	Year
NSP	Transporter 2 Printed/Typed Nar	me			Siar	nature					Mor	ith Day	Year
TRA B					T						1	Ĭ	1
↑	18. Discrepancy												
	18a. Discrepancy Indication Spa	ace Quar	ntity	Туре			Residue		Partial Reje	ection		Full Reje	ction
												-	
18b. Alternate Facility (or Generator)							nifest Reference	Number:	U.S. EPA ID N	umber			
딩													
FA	Facility's Phone:												
	18c. Signature of Alternate Facil	ty (or Generator)									Mo	nth Day	Year
SN SN	19. Hazardous Waste Report Ma	anagement Method	Codes (i.e. codes fo	r hazardous wosto tros	atment disposal	and roc	roling evotomes						
DESIGNATED FACILITY	1.	magement ivieutou	2.	n nazardous waste tiea	3,	, and rec)	roming systems;		4.				
7	H040												
	20. Designated Facility Owner o	r Operator: Certifica	ation of receipt of haz	ardous materials cover			t as noted in Item	18a					
	Printed/Typed Name				Sigr I	nature					Moi 1	nth Day	Year
*	Form 9700 22 (Pay 12 17)												

Form Approved. OMB No. 2050-0039

1	UNIF	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number WID980898266	22. Page 2 of 2		fest Tracking Nu 67396	mber 9 FLE	5			
24. Generator's Name ChemDesign Products Incorporated											
		25. Transporter 3 Company Name CSX Transportation U.S. EPA ID Number F L D 0 6 9 2 1 3 4 0 U.S. EPA ID Number F L D 0 6 9 2 1 3 4 0 U.S. EPA ID Number U.S. EPA ID									
CIONITY TOURS ENVISED INC MAD 6343 22250											
27a. 27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, No. Type Quantity Wt./Vol.								31. Waste Codes			
					₽.						
GENERATOR		-									
<u> </u>											
			Л			GC.					
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ļ	32. S	pecial Handling Instructions and Additional Informa	tion					y ~- 5-			
2		ransporter Acknowledgment of Receipt of	Materials Signatu					Month Day Year			
PORTE	1-1010	ed/Typed Name		re Month Day Year							
TRANSPORTER	Printe	ransporterAcknowledgment of Receipt of ed/Typed Name	Materials Signatu	gnature Month Day Year							
DESIGNATED FACILITY	35. D	iscrepancy	Ξ.	-				. 2 9.			
GNATEL	36. H	azardous Waste Report Management Method Cod	les (i.e., codes for hazardous waste treatment, disposal, an	d recycling systems)				W .			
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Page : 1 of 1

MANIFEST INFORMATION								
Generator: ChemDesign Products Incorporated					Manifest Tracking In	fo.		
Addres	Address: 2 Stanton Street Marinette,WI 54143				018673969FLE			
EPA ID:	#: WID9808	98266	ļ	Sale	es Order No: 230627057	7		
LINE ITEM INF	ORMATION							
Line Item:	Page No:	Profile No:	Treatability Group	:	LDR Disposal Category			
1,	1	CH482739B- RAIL	NON-WASTEWA	TER	2 (This is subject to LDR)		
EPA Waste Co	de			EPA Wa	ste SubCategory			
D001				High TOC	Ignitable Liquids			
D002				Corrosive	Characteristic			
	a	Applies to Manifest Line Items						
Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR 1. Part 268.								
Waste analysis data, where available is attached. Signature: Print Name Invistopher Moore Title: Date: 17/6/2023								

Plea	ase print or type.	amowicages ma	i no material change i									OMB No. 2	2050-0039		
1	UNIFORM HAZARDO WASTE MANIFEST		umber 30898266		2. Page 1 of L 2		rgency Respons)0) 483 -3		4. Manifest	Tracking N	739	70 F	LE		
	5. Generator's Name and ChemDesign	5. Generator's Name and Mailing Address (if different than mailing address) Chembesign Products Incorporated													
Н	2 Stanton Str					SAI	ME								
	Marinette, W	54143	ATTN Chairtan	h10	1	911	****								
	Generator's Phone: (7: 6. Transporter 1 Company		ATTN:Christon	ner moor	6				U.S. EPA ID N	lumber					
	3.5	ake Superior I	Railroad C								6134	70			
	7. Transporter 2 Company Name U.S. EPA ID Number														
	Canadian Na	ional Railroad					ILD984766147								
	8, Designated Facility Nar	•							U.S. EPA ID N	lumber					
Н	Clean Harbor 4090 Telfer R								MIR	000	0352	04			
	Corunna, ON Facility's Phone:	ION 1G0 (519) 864-									,				
	9a. 9b. U.S. DOT Des HM and Packing Grou		er Shipping Name, Hazard Clas	ss, ID Number,		3	10, Conta No.	iners Type	11. Total Quantity	12. Unit Wt./Vol.	13.	Waste Codes	.		
~	1. RO. UN32	86. WASTEFL	AMMABLE LIQUID	. TOXIC. C	ORROSI	VE.		1	FIRA		D001	D001 D002			
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Ш	4.														
	14_Special Handling Instructions and Additional Information 1-Line 82739B-RAIL FRIGHTST AoC035051/05E/23														
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			i or substitute addition ON: I hereby declare that the												
			respects in proper condition for signment conform to the terms					ional governm	nental regulations.	If export sh	ipment and I	am the Prima	гу		
	I certify that the wast	minimization statemen	t identified in 40 CFR 262.27(a		e quantity gen	erator) o		all quantity ge	nerator) is true.						
	Generator's/Offeror's Print	ed/Typed Name	noor		Sign	nature 1	150	to	M		Mor	Z ₁₆	Year		
*	16. International Shipmen	Drice 1.	1001				MS		P			6	₁ Z3		
N L	Transporter signature (for	Iniport i	o U.S.		Export from U	J.S.	Port of er Date leav								
2	17. Transporter Acknowled		erials												
KT	Transporter 1 Printed/Type	d Name			Sigr	nature					Mor	nth Day	Year		
ISP(Transporter 2 Printed/Type	d Name			Sign	noturo					Moi	nth Day	Year		
TRANSPORTER INT'L	Transporter 2.1 linted/Type	o Name			I	nature					1	liui Day	Idar		
<u>-</u>	18. Discrepancy												_		
	18a. Discrepancy Indication	n Space Qua	inlity	Туре		Γ	Residue		Partial Rej	ection	ſ	Full Reje	ction		
			,												
-	18b. Alternate Facility (or 0	ienerator)				M	anifest Reference	e Number:	U.S. EPA ID N	lumber					
딋	(6)	,							5,0,1						
FA	Facility's Phone:								<u> </u>						
덾	18c. Signature of Alternate	Facility (or Generator)									Mo	onth Day	Year		
DESIGNATED FACILITY	40 Henry 1 122 1 5		10-1 () -												
ESI	1	ρπ Management Method	Codes (i.e., codes for hazard	ious waste treat	ment, disposal	i, and red	cycling systems)		4.						
	" H040		DW24		1850										
		ner or Operator: Certific	ation of receipt of hazardous n	naterials covere	ed by the manif	fest exce	pt as noted in Ite	n 18a							
	Printed/Typed Name				Sign	nature					Mo	nth Day	Year		
V															

Form Approved. OMB No. 2050-0039 Please print or type. 21. Generator ID Number **WID980898266** 23. Manifest Tracking Number 22. Page **2** of 2 **UNIFORM HAZARDOUS WASTE MANIFEST** 018673970FLE (Continuation Sheet) 24. Generator's Name ChemDesign Products Incorporated U.S. EPAID Number F L D 0 0 6 9 2 1 3 4 0 Company Name **CSX Transportation** 25. Transporter U.S. EPA ID Number 26. Transporter Company Name Clean Harbors EN Services INC MAD039322250 28, Containers 27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 29. Total 30. Unit 31. Waste Codes and Packing Group (if any)) НМ No. Туре Quantity Wt./Vol. 32. Special Handling Instructions and Additional Information Acknowledgment of Receipt of Materials 33. Transporter Printed/Typed Name Signature Month Day Year 34. Transporter Acknowledgment of Receipt of Materials Day Printed/Typed Name Signature Month Year 35. Discrepancy DESIGNATED FACILITY 36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)



Page: 1 of 1

	INT PERAIRES.		***********					
MANIFESTINF	ORMATION							
Generato	or: ChemDesign	Products Incorpora	-	Manifest Tracking In	fo			
Addres	ss: 2 Stanton Stro Marinette, WI		018673970FLE					
EPA ID		98266		Sal	es Order No: 230627057	7		
LINE ITEM INF		,========	· • · · · · · · · · · · · · · · · · · ·					
Line Item:	Page No:	Profile No:	Treatability Group):	LDR Disposal Category			
1.	1	CH482739B- RAIL	NON-WASTEWA	TER	2 (This is subject to LDR	.)		
EPA Waste Co	de			EPA Wa	ste SubCategory			
D001					Ignitable Liquids			
D002				Corrosive	Characteristic			
		Applies to Manifest Line Items						
Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.								
Waste analysis data, where available, is attached. Signature: Print Name Print Name Title: Date: Z/b/2023								

discountry of the same of Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material Form Approved. OMB No. 2050-0039 Please print or type 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number UNIFORM HAZARDOUS WID980898266 WASTE MANIFEST (800) 483-3718 5. Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) 2 Stanton Street SAME Marinette, WI 54143 Generator's Phone: ATTN:Matt Smiley 6. Transporter 1 Company Name U.S. EPA ID Number Clean Harbors Environmental Services, Inc. MAD039322260 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Canada, Inc. ON0039017 4090 Telfer Read Corunna, ON NON 160 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11 Total 12 Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt /Vol No Type NON-REGULATED MATERIAL, (BURN OFF WATERS) GENERATOR 14. Special Handling Instructions and Additional Information \$ 2400 744 539 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Year 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Signature Month Day Year Transporter 2 Printed/Typed Name Signature Month Year 18. Discrepancy 18a. Discrepancy Indication Space Туре Quantity Residue Partial Rejection Full Rejection Manifest Reference Number 18b. Alternate Facility (or Generator)

U.S. EPA ID Number Facility's Phone DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature Month Day EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. **GENERATOR'S INITIAL COPY** Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping. 77 2404261652

U.S. EPA Form 8700-22

Read all instructions before completing this form.

- 1. Federal regulations require generators and transporters of hazardous waste and owners or operators of receiving facilities designated on the manifest to complete this form (EPA Form 8700-22) and, if necessary, the continuation sheet (EPA Form 8700-22A) for both interand intrastate transportation of hazardous waste.
- 2. This manifest reflects formatting changes made by U.S. EPA in December 2017. Beginning on June 30, 2018, this manifest (Revision 12-17) must be used and all previous editions are prohibited. Go to www.epa.gov/e-manifest for additional
- 3. This form must be purchased from a registered printer (https://www.epa.gov/hwgenerators/approved-registered-printers-epas-manifestregistry#how) and has been designed to be filled out using standard computer printers; a firm point pen may also be used-press down hard. After June 30, 2018, this form can also be completed electronically in EPA's e-Manifest system.

The public burden related to the Uniform Hazardous Waste Manifest, which is approved under OMB 2050-0039, is estimated to average (per manifest) 80 minutes for generators; 20 minutes for transporters; and 30 minutes for owners and operators of receiving facilities designated on the manifest. This is a mandatory collection under 40 CFR Part 262, Subpart 8, 40 CFR Part 263, Subpart 5, and 40 CFR Parts 264 and 265. Subpart E. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMS control number. The completed form should be submitted in accordance with the instructions accompanying the form, or as specified in the corresponding regulation. Send comments on the Agency's need for this information, the accuracy of the provided burden ustimates, and any suggested methods for minimizing responses. hurrien including through the use of a Manifest, to the Director Collection Strategies Division, U.S. Environmental Protection Approx (28227), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Please include the OMS control number in any correspondence. Do NOT send the completed manifest forms to this address. Privacy Act Statement - None of the information collected under the Manifest Program is considered Personally Identifiable

I. Instructions for Generators

Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve-digit identification number, or the state generator identification number if the generator site does not have an EPA identification number.

Enter the total number of pages used to complete this manifest (i.e., the first page (EPA Form 8700-22) plus the number of continuation sheets (EPA Form 8700-22A), if any).

Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

- 1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the
- 2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
- 3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

Note: Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (e.g., consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer. Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here. If more than two transporters are needed, use a continuation sheet(s) (EPA Form 8700-22A)

Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve-digit identification number of the facility.

Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

Item 9a. If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

Item 9b. Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR part 172. Include technical name(s) and reportable quantity references, if applicable.

Note: If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the continuation sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those Items.

Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I.-TYPES OF CONTAINERS

BA = Burlap, cloth, paper, or plastic bags. DT = Dump truck.

CF = Fiber or plastic boxes, cartons, cases.

DW = Wooden drums, barrels, kegs. HG = Hopper or gondola cars. CM = Metal boxes, cartons, cases (including roll-

CW = Wooden boxes, cartons, cases.

TC = Tank cars.

CY = Cylinders.

TP = Portable tanks.

DF = Fiberboard or plastic drums, barrels, kegs.

TT = Cargo tanks (tank trucks).

DM = Metal drums, barrels, kegs,

Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and do not enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates. Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure

TABLE II.-UNITS OF MEASURE

G = Gallons (liquids only). N = Cubic Meters. K = Kilograms. P = Pounds.

L = Liters (liquids only). T = Tons (2000 Pounds) Y = Cubic Yards. M = Metric Tons (1000 kilograms).

Note: Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported for very large bulk shipments, such as rail cars, tank trucks, or barges.

Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the

Item 14. Special Handling Instructions and Additional Information

- 1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.
- This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of polychlorinated biphenyl (PCB) waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

Item 15. Generator's/Offeror's Certifications

- 1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
- 2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/offeror certification, to indicate that the individual signs as the employee or agent of the named principal.

Note: All of the above information except the handwritten signature required in Item 15 may be pre-printed. (Handwritten signatures are not applicable if the generator is preparing and signing an electronic manifest using EPA's e-Manifest system.) -

