

February 14, 2024

RECEIVED AQD

FEB 1 5 2024

Caryn Owens
Michigan Department of Environment, Great Lakes, and Energy
Air Quality Division – Cadillac District
120 West Chapin Steet
Cadillac, MI 49601

MACES	X	MAERS
FILE		

Subject: Response to Violation Notice Great Lakes Castings, LLC (SRN: A3934)

To Whom It May Concern:

Great Lakes Castings, LLC (GLC), Source Registration Number (SRN) A3934 operates a grey iron foundry located at 800 N. Washington Ave in Ludington, Mason County, Michigan. On November 29, 2023, the Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD), conducted an inspection of the GLC foundry. During the inspection EGLE-AQD reviewed documentation and facility operation to determine compliance with the requirements of Renewable Operating Permit (ROP) MI-ROP-A3934-2015 issued by the EGLE-AQD on October 20, 2015, along with other rules outlined in the Michigan Air Pollution Control Rules. After that site visit GLC received a Violation Notice (VN) dated January 23, 2024.

The VN included three observations outlined in the table below:

Table 1: VN Summary Table from VN Dated January 23, 2024

Process Description	Rule/Permit Condition Violated	Comments
Onsite new Diesel Engine	Rule 336.1201	Facility confirmed installation and operation of a new engine during inspection, and AQD has not received documentation on this new diesel engine.
Modification of emission unit EUHUNTERSAND	Rule 336.1201	During the inspection, AQD was informed EUHUNTERDUSTAR no longer exists because the exhaust has been re-routed to EUHUNTERSAND and associated CSI baghouse.
Semi-Annual Compliance Reporting	R 336.1213(3)(c)(i), and 40 CFR 63.10899(c)	AQD did not receive the semi-annual compliance report from January 1, 2023 to June 30, 2023, in accordance for the federal National Emission Standards for Hazardous Air Pollutants (NESHAP) for Iron and Steel Foundries in Area Sources in 40 CFR Part 63, Subpart ZZZZZ.



The following sections provide additional context to each observation documented in the VN. This letter represents the written response to the VN as requested.

New Diesel Engine

The engine observed by EGLE-AQD is a trailer mounted diesel fired emergency generator with a maximum rating of 1,232 horsepower. The unit is used only in emergency situations to provide power to critical metal holding furnaces so that equipment can be emptied safely during emergency conditions. Attachment 1 includes documentation per Rule 336.278 Michigan Administrative Code (MAC) that the unit is exempt from Rule 336.201 (MAC) under Rule 336.285(2)(g) (MAC).

Modification of Emission Unit EUHUNTERSAND

The VN indicates that EGLE was informed that EUHUNTERDUSTAR has been removed from the facility and as a result ventilation of equipment routed to EUDUSTAR as described in MI-ROP-A3934-2015 had been ducted to the CSI baghouse associated with EUHUNTERSAND. EUHUNTERDUSTAR describes a ventilation configuration in which several process units from the Hunter mold line installed at the facility may be controlled by the installed Dustar Baghouse. There are three such ventilation conditions described in the permit to document process equipment routed to the Dustar Baghouse, EUHUNTERDUSTAR, EUDISADUSTAR, and EUOTHERDUSTAR. These three emission units make up the Flexible Group (FG) included in the ROP as FGDUSTAR. EUHUNTERDUSTAR is a condition that was proposed by GLC to ensure proper control of some elements of the Hunter mold line currently controlled by the CSI Baghouse, this includes EUHUNTERSAND.

Despite EGLE-AQD's impression during the site visit, GLC has confirmed that ductwork associated with EUHUNTERDUSTAR remains in place and has not been modified since the issuance of MI-ROP-A3934-2015. Further, no changes have been made to the ductwork associated with EUHUNTERSAND since the issuance of the ROP. GLC has contracted with a third-party provider to generate an "as built" drawing of the facility duct work and equipment for FGDUSTAR that will be provided to EGLE-AQD to clarify the connections of the unit to process equipment in the facility. This will be provided when it is available.

Semi-Annual Compliance Reporting

The VN noted that EGLE-AQD had not received the semi-annual compliance report for the period of January 1, 2023, through June 30, 2023, as required by Subpart ZZZZZ. The report was required to be postmarked by September 15, 2023. GLC submitted the required semi-annual report on January 25, 2024. A copy of the semi-annual report and submission documentation is included in Attachment 2. Note that the attached copy does not include the signature page as that was not scanned prior to submittal. The submitted documents were signed as required.

If you have any questions or comments on the proposed path forward, please contact me at 231-510-5645 or rmcmahon@greatlakescastings.com.



Sincerely,

Great Lakes Castings LLC

2-14-24

Robert McMahon Jr. President & CEO

Attachments

cc: Jenine Camilleri, Enforcement Unit Supervisor - EGLE

Ben Lemley - TRC



Attachment 1 Generator Exemption Documentation



Technical Memorandum

Date:

February 14, 2024

To:

Christy McNamee – Great Lakes Castings LLC

From:

Ben Lemley

Project Engineer

Project No.:

591365.0000.0000

Subject:

Rule 201 Exemption for Emergency Generator

The purpose of this technical memorandum is to summarize the air permit exemption determination for emergency equipment at Great Lakes Castings, LLC (GLC). Specifically, this technical memorandum relates to a trailer mounted diesel fired emergency generator, installed in January of 2010, and is used at the plant to ensure power to critical plant equipment during an emergency power outage. In case of emergency the trailer mounted generator can be moved into position near the plant and power critical holding furnaces allowing plant personnel to drain molten metal from the equipment safely. TRC understands that the emergency generator was installed independent from any other project for the sole purpose of supporting safe operation in an emergency condition.

TRC evaluated the installation of the emergency generator to determine if additional air permitting requirements apply to this project at the GLC or if the project would classify as exempt from air permitting under Michigan Department of Environment, Great Lakes, and Energy – Air Quality Division (EGLE-AQD) rules. Permit exemptions are identified in Michigan Rules 280 through 291. Michigan Rules 278 outlines criteria that facilities and projects must meet to qualify for permit exemptions listed in Rules 280 through 291. Therefore, the project was first evaluated against the Rule 278 criteria.

Rule 278

Potential emissions estimates for the diesel fired emergency generator related to this project are attached. The following is a discussion of Rule 278 requirements.

The GLC facility is an existing major source subject to Title 40 of the Code of Federal Regulations (CFR) Part 70 because the potential to emit (PTE) of carbon monoxide (CO) exceed 100 tons per year. Further, GLC is an existing major source under Prevention of Significant Deterioration (PSD) rules for CO as facility wide emissions are greater than 250 TPY. However, GLC is not classified under one of the (PSD) source categories, has a PTE less than 250 tons per year of all other regulated pollutants under PSD, and is located in an area designated as attainment of the National Ambient Air Quality Standard (NAAQS); therefore, for PSD to be applicable the emissions increase for the project must meet the PSD applicability thresholds defined in Table 1 below. Per Table 1 and the attached calculations the highest emissions come from oxides of nitrogen (NO_X) with a total uncontrolled potential emission rate from the project is 3.46 TPY. The increase in NO_X

Technical Memorandum

emissions and all other compounds are below their respective PSD applicability thresholds and therefore PSD does not apply to the installation of the generator.

Table 1 - Facility Wide and Project Emissions

Pollutant	PM	PM10	PM2.5	SO2	со	NOX	VOC	Total HAP	Single HAP
Facility PTE	95.78	80.03	80.03	55.28	597.84	34.75	34.26	10.44	3.86
Emergency Generator	0.24	0.24	0.24	0.23	0.74	3.46	0.28	0.06	5.49E-02
PSD Applicability Threshold	250	250	250	250	100	250	250	N/A	N/A
Rule 119 Significance Thresholds	25	15	10	40	100	40	40	N/A	N/A

Note: The PSD applicability threshold for CO is the Significant Increase threshold as defined in 40 CFR 52.21. All other thresholds are the major source thresholds listed in 40 CFR 52.21.

- As shown above in Table 1 and in the attached calculations, project controlled potential emissions are below significant emission levels for all pollutants listed in Rule R 336.1119 Michigan Administrative Code (MAC).
- As shown in the attached calculations, federal hazardous air pollutant (HAP) emissions from the emergency generator are less than 0.1 TPY and do not reflect the construction of a major source of HAP.

Based on the information above the Rule 278 requirements are met by the project and therefore, the GLC may evaluate PTI exemptions listed in Rules 280 through 291 as applicable to the emergency generator.

Emission Unit Discussion

As noted above, the equipment in question is a trailer mounted, compression ignition emergency generator. The generator is only used in an emergency condition to safely empty critical equipment of molten metal to protect the equipment and plant personnel. The emergency generator fires diesel fuel only.

Rule 285

Based on available information related to the GLC facility and generator data, review of Michigan Rule 278 evaluation results, and applicability of the Permit To Install (PTI) exemption under R336.1285(2)(g), a PTI was not required for the installation of the emergency generator at GLC.

Rule 285(g) exempts internal combustion engines with a maximum heat input of less than 10 MMBtu/hour from permitting under Rule 201. The emergency generator at GLC has a maximum rating of 1,232 horsepower. This correlates to a maximum heat input of 3.13 MMBtu/hour which is less than the maximum 10 MMBtu/hour listed in Rule 285(g), hence the emergency generator at GLC is exempt.

Technical Memorandum

This technical memorandum represents the required records under rule 278a and will be maintained on-site by GLC. These records include:

- A description of the exempt process or process equipment including date of installation.
- The specific exemption being used to exempt the equipment from Rule 201.
- An analysis demonstration that Rule 278 does not apply to the process or process equipment.

Attachment 1 Emergency Diesel Generator Potential Emission Calculations

Great Lakes Casting - Emergency Diesel Generator Potential Criteria Emissions

Potential Emissions

Emission Factors⁽¹⁾:

PM ⁽²⁾	0.31 lb/MMBtu
PM10	0.31 lb/MMBtu
PM2.5 ⁽²⁾	0.31 lb/MMBtu
SO2	0.29 lb/MMBtu
CO	0.95 lb/MMBtu
NOX	4.41 lb/MMBtu
VOC	0.36 lb/MMBtu
GHG	Note 3

0...0

Heat Input Capacity:

800 kW (1232 hp) 3.13 MMBtu/hr

Operating Schedule⁽⁴⁾:

500 hr/yr

Potential Emissions:

PM	0.97	lb/hr	0.24	tons/yr
PM10	0.97	lb/hr	0.24	tons/yr
PM2.5	0.97	lb/hr	0.24	tons/yr
SO2	0.91	lb/hr	0.23	tons/yr
CO	2.98	lb/hr	0.74	tons/yr
NOX	13.82	lb/hr	3.46	tons/yr
VOC	1.13	lb/hr	0.28	tons/yr
GHG (mass I	based)		115.93	tons/yr
GHG (CO2-e	e)		128.22	tons/yr

Note:

- (1) Emission factors from USEPA's AP-42, Table 3.3-1
- (2) It was assumed PM and PM2.5 are equal to PM10
- (3) GHG emissions calculated using 40 CFR 98 Subpart C Tier 1 methodology. See GHG Calculations for details.
- (4) Per the memorandum from John S. Seitz, Director of the Office of Air Quality Planning and Standards, U.S. EPA, titled "Calculating Potential to Emit for Emergency Generators", dated September 6, 1995, 500 hours per year was determined to be an appropriate default assumption for estimating the number of hours an emergency generator could be expected to operate under worst-case conditions. See also Potential to Emit Workbook pg 2-35 published by EGLE-AQD.

Great Lakes Casting - Emergency Diesel Generator Potential HAP Emissions

Potential Emissions

Emission Factors⁽¹⁾:

Aldehydes 7.00E-02 lb/MMBtu
Benzene 9.33E-04 lb/MMBtu
Toluene 4.09E-04 lb/MMBtu
Xylene 2.85E-04 lb/MMBtu
1,3-Butadiene 3.91E-05 lb/MMBtu
Formaldehyde 1.18E-03 lb/MMBtu
Accetaldehyde Acrolein 9.25E-05 lb/MMBtu
PAH (total) 1.68E-04 lb/MMBtu

Heat Input Capacity:

1232 HP

3.13 MMBtu/hr

Operating Schedule⁽²⁾:

500 hr/yr

Potential Emissions:

Aldehydes	2.19E-01 lb/hr	5.49E-02 tons/yr
Benzene	2.92E-03 lb/hr	7.31E-04 tons/yr
Toluene	1.28E-03 lb/hr	3.21E-04 tons/yr
Xylene	8.93E-04 lb/hr	2.23E-04 tons/yr
1,3-Butadiene	1.23E-04 lb/hr	3.06E-05 tons/yr
Formaldehyde	3.70E-03 lb/hr	9.25E-04 tons/yr
Acetaldehyde	2.40E-03 lb/hr	6.01E-04 tons/yr
Acrolein	2.90E-04 lb/hr	7.25E-05 tons/yr
PAH (total)	5.27E-04 lb/hr	1.32E-04 tons/yr
	Total:	0.06 tons/yr

Notes

⁽¹⁾ Emission factors from USEPA's AP-42, Table 3.3-1 and Table 3.3-2

⁽²⁾ Per the memorandum from John S. Seitz, Director of the Office of Air Quality Planning and Standards, U.S. EPA, titled "Calculating Potential to Emit for Emergency Generators", dated September 6, 1995, 500 hours per year was determined to be an appropriate default assumption for estimating the number of hours an emergency generator could be expected to operate under worst-case conditions. See also Potential to Emit Workbook pg 2-35 published by EGLE-AQD.

Greenhouse Gas Emissions

Global Wa	arming Potent	ial
CO ₂	CH₄	N ₂ O
1	25	298

1 metric ton =

1.102311 tons

	Description		Potential Annual Consumption ⁽²⁾		GHG E	GHG Emission Factors (EF)			GHG Emissions - Potential		
Unit ID		Fuel Type			CO ₂ EF	CH₄ EF	N₂O EF	metric tons per year			TOTAL - CO2e
			Value	Units	(kg/MMBtu)	(kg/MMBtu)	(kg/MMBtu)	CO ₂	CH ₄	N ₂ O	(tons per year)
20.00	Emergency generator	Diesel	1,567.37	MMBtu/yr	73.96	3.00E-03	6.00E-04	115.92	0.005	0.001	128,2
					•						128.2

Notes

⁽¹⁾ Calculations based on 40 CFR Part 98, Subpart C Tier 1 Calculation Methodology. Emission factors and default HHV values from 40 CFR Part 98 Tables C-1 and C-2 (2) Potential annual consumption assumed 1232 HP and 500 hours per year of operation



Attachment 2 Semi-Annual Compliance Report Documentation



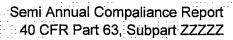
SEMIANNUAL COMPLIANCE REPORT NESHAP for Iron and Steel Foundry Area Sources

40 CFR Part 63, Subpart ZZZZZ (40 CFR 63.10880 - 40 CFR 63.10906)

Please review the instructions before completing this form. Please print or type all information.

FACILITY INFORMATION

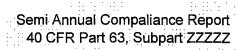
Please print or type all information.	· · · · · · · · · · · · · · · · · · ·				i.
Company Name Great Lakes Castings LLC	Company Te (231)-843-25		Area Code &	Numbe	r ⁱⁱⁱ
Mailing Address 800 North Washington Ave.	City Ludington		State MI	11 11 1	ip Code 9431
	:::::::::::::::::::::::::::::::::::::::	***	111111		
Owner/Operator Contact Name and Title Rob McMahon President & CEO	Owner Teler (231)-843-25			umber	
Owner Mailing Address (if different than company) Same	City	State	Zip	Code	
Owner/Operator E-Mail Address rmcmahon@greatlakescastings.com					
		*			
Facility Name (if different than company) Same	Facility Tele	phone Are	ea Code & N	umber	
Facility Address (if different than company)	City	State	Zip	Code	
State Registration Number (SRN) A3934 (if known)					
Please check whether the person listed above is ow Owner Operator Identify the beginning and ending dates of the six-m (Either January 1 through June 30, or July 1 through	onth reporting	g period	irea source:		
Beginning: 01/1/2023 Ending: 07/1/ 2023					
Please check whether the area source is a new or e New Source (Date of Startup: Existing Source	existing source	e (see inst	ructions for (definition	ns):
If an existing source, metal melt production for the p	:	• :.	55924 (tons)		
Check one: ☐ Small Foundry (≤20,000) ■ Large	⊢oundry (>20	J,000)			
If a New Source, annual metal melt capacity at start		. (: ::::::			
Check one: ☐ Small Foundry (≤10,000) ☐ Larg	e Foundry (>	10,000)			i Hist





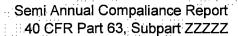
PART A - MANAGEMENT PRACTICES FOR METALLIC SCRAP

: :	cor	ripliai) [- 0	, O L 13	8 63.108	00(a)	ĭ. '	
		No								:::			1				
. :														nen the i			
					•	e with s were			c scrap	mana	ageme	nt red	uiren	nents an	ıa exp	iain v	vnat
٠.	<u>. </u>	:::::::			<u>. j.::</u>	. : .:::				::: 	<u>.</u>	:			11.11-1	: .:::' I	.::::
: :					:::: :::::::::::::::::::::::::::::::::	·· ·.			: :			: .				· .	
			: ::::			<u>.::::::::::::::::::::::::::::::::::::</u>				:::			1 ::::				
. :			:										:		i.		
	• •		P	ART E	3 - MA	NAGE	MENT	PR.	ACTIC	ES FC	OR ME	RCUI	RY S	CRAP		· :.	
 . :	Du	ring t	he rep	porting	perio	d, wer	e there	e any	period	s duri	ng wh	ich th	e faci	lity oper	ated c	out of	.:.: ":
: '														R 63.10			
					. ::::					::: :::		::::::::::::::::::::::::::::::::::::::					
. : :		Yes.												hen the ments ai			
				ons tak		CVVILIT	uic iii	Ci Cui	y Scia	illan	ageme		quirei	nents a	14 601	Conv	C
			:		11.1		: : : : :	<u> </u>		<u> </u>					1	1	
:						: :: :.											
													* :. :::::::::::::::::::::::::::::::::::				
	Ind	licate	belov	w whic	h men	cury m	anage	emen	it optior	n(s) th	e facil	ity is ι	using.				
).	Inc	Site-	specil	fic plar	n for m	nercury			it optior	n(s) th	e facil	ity is ι	using.				
)	Inc	Site-	specil oved	fic plar mercu	n for m	nercury			it optior	i(s) th	e facil	ity is ı	using.				
2		Site-	specif oved cialty r	fic plar mercu metal s	n for m iry pro scrap	nercury gram	switc	hes	it optior		e facil	ity is t	using.				
		Site- Appr Spec Scra	specil oved cialty r p that	fic plar mercu netal s does	n for m iry pro scrap not co	nercury gram ontain r	switc	hes	ile scra	## (* * * * * * * * * * * * * * * * * *							
	Du	Site- Appr Spec Scra	specification oved cialty represented in the the represented in the re	fic plar mercu metal s does	n for m iry pro scrap not co	nercury gram ontain r	switc notor	hes	ile scra	p	dic ins	spectio	ons o	r take ot			
	Du	Site- Appr Spec Scra scra rring t	specification oved cialty represented in the the represented in the re	fic plar mercu metal s does	n for m iry pro scrap not co	nercury gram ontain r	switc notor	hes	ile scra	p	dic ins	spectio	ons o				
	Du	Site- Appr Spec Scra rring t	specification oved characteristic specification over the second over the secon	fic plar mercu metal s does porting as rec	n for m iry pro scrap not co perio quired	nercury gram ntain r d did t under	switc notor he fac [40 C	vehic	ile scra conduct 3.1088	p perio 5(b)(1	dic ins	spection or 40	ons o	r take ot ! 63.108	85(b)(2)(iv)	(C)]?
	Du	Site- Appr Spec Scra tring t rrobor No Yes.	specification sp	fic plar mercu metal s does porting as rec	n for m iry pro- scrap not co perio quired e dates on.	nercury gram ntain r d did t under s and t	notor he fac [40 Cl	vehic ility of FR 6	ile scra conduct 3.1088	p perio 5(b)(1	dic ins	spection or 40	ons o	r take ot	85(b)(2)(iv)	(C)]?





complete factorial cataly in the factorial No.	g the reporting poliance with the modility shall not us st formulation for standard to the sta	nanagemer se a binder or a furfuryl ne deviation	nt practice formulation alcohol w n(s) and ir	s for binde on that con arm box r	er formulat ntains meth nold or cor	ions? Acc nanol as a e making I times w	cording to a specific i line. [40 C	Subpart 2 ngredient CFR 63.10 cility oper	ZZZ t of 088
complete factorial cataly in the factorial No.	liance with the modility shall not us st formulation for standard	nanagemer se a binder or a furfuryl ne deviation	nt practice formulation alcohol w n(s) and ir	s for binde on that con arm box r	er formulat ntains meth nold or cor	ions? Acc nanol as a e making I times w	cording to a specific i line. [40 C	Subpart 2 ngredient CFR 63.10 cility oper	ZZZ t of 088
complete factorial cataly in the factorial cataly cataly in the factorial cataly catal	liance with the m cility shall not us st formulation fo s. Summarize th	nanagemer se a binder or a furfuryl ne deviation	nt practice formulation alcohol w n(s) and ir	s for binde on that con arm box r	er formulat ntains meth nold or cor	ions? Acc nanol as a e making I times w	cording to a specific i line. [40 C	Subpart 2 ngredient CFR 63.10 cility oper	ZZZ t of 088
compl the fa cataly	liance with the m cility shall not us st formulation fo	nanagemer se a binder	nt practice formulation	s for binde on that co	er formulat ntains meth	ions? Acc nanol as a	cording to a specific i	Subpart 2 ngredient	ZZZ
compl	liance with the m	nanagemer	nt practice	s for binde	er formulat	ions? Acc	cording to	Subpart 2	ZZ
:.			e there an	v neriods	durina whi	sh tha fac	ility anara		
C - MA	NAGEMENT PI					**			
	NA The fac	cility does	not operat	e under a	site-specif	ic plan fo	r mercury	switches.	
	☐ No ☐ Yes		En Eur (1975)				1000		;*
b) ::	under [40 CFR							as requi	160
B)	shipment (Atta Were all remov				at an RCF	RA nermit	ted facility	as requi	rec
	number of vehi	nich mercu	ry manage	ement opt					
	the weight of m	nercury red	covered from	om the sw	itches and	properly	managed,	the estin	nal
A)	Provide the foll	lowing info	rmation fo		at a series of the				





EXCESS EMISSIONS AND CONTINUOUS MONITORING SYSTEM (CMS) PERFORMANCE REPORT AND SUMMARY REPORT

A. Ex	cess Emissions				
1.	Have any excess en reporting period?				
2:	If you answered yes monitoring exceedar shutdowns, and/or n shutdowns, and/or n	nces, as defined in the national functions of your	ne relevant standard affected source, <i>or c</i>	(s), that occurred duding periods other	uring startups, er than startups,
	in i				



Table 1 – Excess Emissions and/or Parameter Monitoring Exceedances

Note: Use a separate line for each period of excess emissions and/or parameter monitoring exceedances of your affected source.

Nature of Event or Problem		Excess Emissions and/or Parameter Monitoring Exceedances Occurred:							
Excess Emissions	Parameter Monitoring Exceedance	During Startup	During Shutdown	During Malfunction	During Another Period	Start Date (mm/dd/yyyy)	Completion Date (mm/dd/yyyy)	Nature and Cause of any Malfunction (if known)	Corrective Action Taken or Preventive Measures Adopted
							· ·		



B. Continuous Monitoring System Performance

1.	Has a CMS been inoperative (except for zero/low-level and high-level checks),	out of c	ontro
	(as defined in [40 CFR 63.8(c)(7)(i)], repaired, or adjusted during this reporting	period?	•
	Yes No (If no, go to B.3.) 40 CFR 63.10(e)(3)(v)		

Note: A CMS is out of control if (a) the zero (low-level), mid-level (if applicable), or high-level calibration drift (CD) exceeds two times the applicable CD specification in the applicable performance specification or in the relevant standard; or (b) the CMS fails a performance test audit (e.g., cylinder gas audit), relative accuracy audit, relative accuracy test audit, or linearity test audit; or (c) the COMMS CD exceeds two times the limit in the applicable performance specification in the relevant standard. (40 CFR 63.8(c)(7(i))

When the CMS is out of control, the owner or operator of the affected source shall take the necessary corrective action and shall repeat all necessary tests which indicate that the system is out-of-control. The owner or operator shall take corrective action and conduct retesting until the performance requirements are below the applicable limits. The beginning of the out-of-control period is the hour the owner or operator conducts a performance check (e.g., calibration drift) that indicates an exceedance of the performance requirements established under this part. The end of the out-of-control period is the hour following the completion of corrective action and successful demonstration that the system is within the allowable limits. During the period the CMS is out-of-control, recorded data shall not be used in data averages and calculations, or to meet any data availability requirement established under this part. (40 CFR 63.8(c)(7(ii))

- 2. If you answered yes, complete Table 2 for each period a CMS was out of control, repaired, or adjusted: (40 CFR 63.10(c)(5)-(6), (10)-(12), 40 CFR 63.8(c)(8))
- 3. Indicate the total process operating time during the reporting period. (40 CFR 63.10(c)(13))

Total process operating time (days)



LUDINGTON 201 E LUDTNGTON AVE (800) 275-8777

LUDINGTON, MI 49431-9998

01/25/2024 04:30 PM Product: ûly Um t Price Prince PM Express 1-Day \$30.45 Flat Rate Env Cadillac, MI 49601 Flat Rate Signature Waiver Scheduled Delivery Date Fri 01/26/2024 06:00 PM Money Back Guarantee Tracking #: ET476116163US \$0.00 Insurance Up to \$100.00 included fotal \$30.45 Grand Total: \$30.45 Credit Cand Remit \$30.45 Card Name: VISA Account #: XXXXXXXXXXXXXXX Approval #: 081799 Transaction #: 846 AID: A0000000031010 AL: VISA CREDIT PIN: Not Required g ce of liling an aims datm Save this receipt as insurance. For informatte insurance claim https://www.usps.com/h or call 1-800-2 B777 (2USPS) lext your tracking number to get the latest status dard Message 75 and Data rates may app µu may also visit www.usps.com/USPS fing or call **-**

1-800-222-

Preview you Track your 1 Sign up for https://informedde

_.usps.com

All sales final on stamps and postage Refunds for guaranteed services only. Thank you for your business.