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WATER POLLUTION CONTROL PLANT

muscatineiowa.gov

Dear Valued Customer,

As part of our mission to return clean water to our environment, the Muscatine Water Pollution Control Plant (WPCP) Pretreatment Department is responsible for monitoring and controlling non-domestic wastewater discharges into our sanitary sewer system. As you may be aware, on June 14, 2017 the Environmental Protection Agency (EPA) established Effluent Limitations Guidelines and Standards for the Dental Category (40 CFR Part 441) that became effective on July 14, 2017. The rule applies to wastewater discharges to the WPCP from offices where the practice of dentistry is performed. The EPA rule requires dental facilities to submit to the WPCP a One-Time Compliance Report.

In an effort to make this process as easy as possible for dental practices and to assist in your compliance with this federal requirement, we developed and enclosed a One-Time Compliance Report. The report has a total of seven sections which are outlined below:

- **Section 1:** General Information – Must be completed by all facilities.
- **Section 2:** Applicability – Must be completed by all facilities.
- **Section A:** Description of Facility – To be completed by facilities required to have amalgam separators.
- **Section B:** Description of Amalgam Separator or Equivalent Device - To be completed by facilities required to have amalgam separators.
- **Section C:** Design, Operation and Maintenance of Amalgam Separator / Equivalent Device - To be completed by facilities required to have amalgam separators.
- **Section D:** Best Management Practices (BMP) Certifications - To be completed by facilities required to have amalgam separators.
- **Section E:** Certification Statement – Must be completed by all facilities.

Thank you in advance for your assistance in helping the WPCP return clean water to our environment. If you have any questions regarding this report, please contact us at (563)263-2752 or you can email your questions to pretreatment@muscatineiowa.gov.

**"I remember Muscatine for its sunsets. I have never seen any
on either side of the ocean that equaled them" — Mark Twain**



ONE-TIME COMPLIANCE REPORT FOR DENTAL DISCHARGERS
to Comply with 40 CFR 441.50
Effluent Limitations Guidelines and Standards for the Dental Office Category

Section 1: General Information

Name of Facility			
Physical Address of Dental Facility			
City:		State:	
		Zip:	
Mailing Address			
City:		State:	
		Zip:	
Facility Contact			
Phone:		Email:	
Names of Owner(s):			
Names of Operator(s) if different from Owner(s):			

Section 2: Applicability: Please Select One of the Following

<input type="checkbox"/>	This facility is a dental discharger subject to this rule (40 CFR Part 441) and it places or removes dental amalgam. <i>Complete sections A, B, C, D, and E</i>
<input type="checkbox"/>	This facility is a dental discharger subject to this rule and (1) it does not place dental amalgam, and (2) it does not remove amalgam except in limited emergency or unplanned, unanticipated circumstances. <i>Complete section E only</i>
(Also, select if applicable) Transfer of Ownership (§ 441.50(a)(4))	
<input type="checkbox"/>	This facility is a dental discharger subject to this rule (40 CFR Part 441), and it has previously submitted a one-time compliance report. This facility is submitting a new One Time Compliance Report because of a transfer of ownership as required by § 441.50(a)(4) .

Section A: Description of Facility

Total number of chairs:		
Total number of chairs at which amalgam may be present in the resulting wastewater (i.e., chairs where amalgam may be placed or removed):		
Description of any amalgam separator(s) or equivalent device(s) currently operated:		
YES <input type="checkbox"/>	NO <input type="checkbox"/>	The facility discharged amalgam process wastewater prior to July 14th, 2017 under any ownership.

Section B: Description of Amalgam Separator or Equivalent Device

<input type="checkbox"/>	The dental facility has installed one or more ISO 11143 (or ANSI/ADA 108-2009) compliant amalgam separators (or equivalent devices) that captures all amalgam containing waste at the following number of chairs at which amalgam placement or removal may occur:	<i>Chairs:</i>
<input type="checkbox"/>	The dental facility installed prior to June 14, 2017 one or more existing amalgam separators that do not meet the requirements of § 441.30(a)(1)(i) and (ii) at the following number of chairs at which amalgam placement or removal may occur: I understand that such separators must be replaced with one or more amalgam separators (or equivalent devices) that meet the requirements of § 441.30(a)(1) or § 441.30(a)(2) , after their useful life has ended, and no later than June 14, 2027, whichever is sooner.	<i>Chairs:</i>
	Make	Model
		Year of installation
<input type="checkbox"/>	My facility operates an equivalent device.	
	Make	Model
		Year of installation
		Average removal efficiency of equivalent device, as determined per § 441.30(a)(2)i- iii.

Section C: Design, Operation and Maintenance of Amalgam Separator / Equivalent Device

<input type="checkbox"/>	YES	I certify that the amalgam separator (or equivalent device) is designed and will be operated and maintained to meet the requirements in § 441.30 or § 441.40 .	
A third-party service provider is under contract with this facility to ensure proper operation and maintenance in accordance with § 441.30 or § 441.40 .			
<input type="checkbox"/>	YES	Name of third-party service provider (e.g. Company Name) that maintains the amalgam separator or equivalent device (if applicable):	
<input type="checkbox"/>	NO	If none, provide a description of the practices employed by the facility to ensure proper operation and maintenance in accordance with § 441.30 or § 441.40 .	
<i>Describe practices:</i>			

Section D: Best Management Practices (BMP) Certifications

<input type="checkbox"/>	<p>The above named dental discharger is implementing the following BMPs as specified in § 441.30(b) or § 441.40 and will continue to do so.</p> <ul style="list-style-type: none"> • Waste amalgam including, but not limited to, dental amalgam from chair-side traps, screens, vacuum pump filters, dental tools, cuspidors, or collection devices, must not be discharged to a publicly owned treatment works (e.g., municipal sewage system). • Dental unit water lines, chair-side traps, and vacuum lines that discharge amalgam process wastewater to a publicly owned treatment works (e.g., municipal sewage system) must not be cleaned with oxidizing or acidic cleaners, including but not limited to bleach, chlorine, iodine and peroxide that have a pH lower than 6 or greater than 8 (i.e. cleaners that may increase the dissolution of mercury).
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Section E: Certification Statement

Per [§ 441.50\(a\)\(2\)](#), the One-Time Compliance Report must be signed and certified by a responsible corporate officer, a general partner or proprietor if the dental facility is a partnership or sole proprietorship, or a duly authorized representative in accordance with the requirements of [§ 403.12\(l\)](#).

"I am a responsible corporate officer, a general partner or proprietor (if the facility is a partnership or sole proprietorship), or a duly authorized representative in accordance with the requirements of § 403.12(l) of the above named dental facility, and certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Authorized Representative Name (<i>print name</i>):			
Phone:		Email:	
<i>Authorized Representative Signature</i>		<i>Date</i>	

Retention Period

As long as a Dental facility subject to this part is in operation, or until ownership is transferred, the Dental facility or an agent or representative of the dental facility must maintain this One Time Compliance Report and make it available for inspection in either physical or electronic form.