### Summary of Dental Amalgam Rule

<table>
<thead>
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<th>What is the Dental Rule?¹</th>
<th>Requires dental offices that discharge wastewater that contains dental amalgam to Publicly Owned Treatment Works (POTWs) to install, inspect, and maintain a dental amalgam separator.</th>
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<td>Requires the implementation of two best management practices (BMPs).</td>
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<td>Published in Federal Register by EPA on June 14, 2017.</td>
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<td>EPA estimates annual cost incurred by dental office: avg. of $800 annually.</td>
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<td>Why are standards needed?¹</td>
<td>Mercury from waste amalgam can end up in the environment from the POTW through incineration, landfilling, or land application.</td>
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<td>Mercury – potent neurotoxin that causes wide range of health issues.</td>
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| Who is affected by the Dental Rule?¹ | Applies to:  
- Dental offices  
- Dental schools  
- Dental clinics  
- Government operated dental facilities |
|                          | Does NOT apply to:  
- Mobile units  
- Practices consisting ONLY of these specialties: oral pathology, oral & maxillofacial radiology/surgery, orthodontics, periodontics, or prosthodontics. |
| What kind of amalgam separator is required?² | An amalgam separator compliant with ISO11143 (2008).  
- ISO Standard is incorporated into the current American National Standards Institute’s (ANSI)/American Dental Association’s (ADA) Standard 108-2009 for Amalgam Separators.  
- Amalgam separator must achieve 95% removal efficiency and meet the standards by June 14, 2027. |
| When will this rule affect dental offices?² | The Effective Date of this rule is July 14, 2017.  
NEW dental offices:  
- MUST return One-Time Compliance Report within 90 days following the introduction of wastewater to the sanitary sewer.  
TRANSFER OF OWNERSHIP:  
- MUST return One-Time Compliance Report within 90 days after a transfer of ownership. |
| What steps are needed to be taken to come into compliance? |  
- □ Install new amalgam separator in offices that do not currently have one.  
- □ Inspect existing amalgam separators to make sure they are up to standard.  
- □ Establish internal documentation tracking procedures related to the inspection and maintenance of your amalgam separator.  
- □ Follow the ADA’s Best Management Practices for handling dental amalgam. |
☐ Complete the One-Time Compliance Report for Dental Discharges. MUST be returned to your Control Authority (City or KDHE via SEAP). Retain a copy of this report on site for the duration of your practice/ownership.

*Taken and adapted with permission from Water Utilities Department, Arlington, TX
