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## State Water Resources Control Board

# Trash Treatment Control Device Application Requirements

The State Water Resources Control Board (State Water Board) Executive Director, in accordance with the Trash Amendments<sup>1</sup>, certifies the trash treatment control devices<sup>2</sup> identified in the State Water Board's Certified Full Capture Systems List. To place a new trash treatment control device (Device) on this list, an applicant must address all the application requirements listed below, and apply electronically to Mr. Jaime Favila of the State Water Board, Division of Water Quality at: [Jaime.Favila@waterboards.ca.gov](mailto:Jaime.Favila@waterboards.ca.gov).

State Water Board will review the application for completeness within 90 days of receipt. If the State Water Board determines an application package is incomplete, the State Water Board Executive Director, or designee, will issue a letter that identifies the additional information required before the State Water Board makes a determination of approval. Upon determining the application is complete and meets the definition of a trash Full Capture System<sup>2</sup>, the Executive Director Designee may place the Device on the State Water Board's Certified Full Capture Systems List. Applicants with any questions regarding the application and certification process may contact Mr. Jaime Favila at (916) 341-5482 or [Jaime.Favila@waterboards.ca.gov](mailto:Jaime.Favila@waterboards.ca.gov).

### **CONFIDENTIALITY**

An Applicant who submits specific proprietary information in the application may request that such information be maintained 'Confidential' and exempt from disclosure to the public. In general, State Water Board may consider proprietary information confidential where it consists of trade secrets (e.g., manufacturing processes and /or materials that are not patent protected).

Applications containing confidential information shall include a 'Confidentiality Justification Letter' that clearly identifies the privileged or confidential information, and explains why the information should not be publicly disclosed. In addition, the application shall contain the following statement in the appropriate sections: "*Confidential material has been provided as a separate document to the State Water Board*".

Applicants intending to request confidentiality should contact Jaime Favila prior to submitting the application package to discuss the merits of their request and the likelihood of the State Water Board granting the request. Confidentiality Justification Letters that are denied shall have applications returned to the applicant.

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<sup>1</sup> Amendment to the Water Quality Control Plan for Ocean Waters of California to Control Trash (Ocean Plan) and Part 1 Trash Provisions of the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, And Estuaries of California (ISWEBE Plan) adopted by the State Water Board.

<sup>2</sup> Trash Treatment Control Device: A Device that traps all particles that are 5 mm or greater, and has a design treatment capacity that is either: a) of not less than the peak flow rate resulting from a one-year, one-hour storm in the sub-drainage area, or b) appropriately designed to carry at least the same flows as the corresponding storm drain.

**APPLICATION REQUIREMENTS.** An application must consist of the following:

1. **Cover Letter.** A cover letter signed and dated by the Applicant, and containing the following:
  - A. A general description of the Device;
  - B. The applicant's contact information and location;
  - C. The Devices' manufacturing location;
  - D. A brief summary of any field/lab testing results that demonstrates the Device functions as described within the application;
  - E. A brief summary of the Device limitations, and operational, sizing, and maintenance considerations;
  - F. A description or list of locations, if any, where the Device has been installed. Include the name and contact information of as many as three municipality(s) purchasing the Device, and
  - G. The certification below:

*I 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 that manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is, 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.*
2. **Application Package Table of Contents.** The Table of Contents shall provide the page numbers of the five following requirements and their subsections, including any appendices.
3. **Physical Description.** The Device physical description that documents, at minimum, the following information:
  - A. Description on how the Device works to trap all particles that are 5 mm or greater in size and how it is sized for varying flow volumes;
  - B. Design drawings for all standard Device sizes including dimensions, and alternative configurations;
  - C. If the Device is designed with an internal bypass, explain how the bypass only operates with flows greater than the design storm;
  - D. Engineering plans/diagrams for a typical installation;
  - E. Photographs, if any, of pre- and post-installation examples;
  - F. The Device maximum trash capture capacity;
  - G. The Device hydraulic capacity (flow in cfs) at its maximum trash capture capacity for all standard Device sizes;
  - H. Each material and material grade used to construct the Device (e.g., stainless steel, plastic, etc.);
  - I. Conditions under which the Device re-introduces previously trapped trash;
  - J. Estimated design life of the Device; and
  - K. If the Device is substantially similar to a currently listed Certified Device(s), name the Certified Device(s) and identify the substantial similarities and any minor changes in materials, material thickness, structural assembly, etc. Explain how these minor changes in your Device will impact performance as compared to the substantially similar Certified Device.

4. **Installation Information.** Include a description of the following:
  - A. Installation considerations;
  - B. Device installation procedures; and
  - C. Methods for diagnosing and correcting installation errors.
  
5. **Operation and Maintenance Information.** Include the following information:
  - A. Device inspection frequency considerations, and inspection procedures;
  - B. Maintenance frequency considerations, maintenance procedures, and a description of necessary equipment and materials for maintenance;
  - C. Effects of delayed maintenance on Device structural integrity, performance, odors;
  - D. **Vector Control Accessibility:**
    - 1) Include the date the Device application was submitted to the Mosquito Vector Control Association of California's Review Team for input on the Device design via email (MVCAC <[Trashtreatment@mvcac.org](mailto:Trashtreatment@mvcac.org)>);
    - 2) Provide a video link or depict and describe how mosquito vector control personnel can readily access the bottom of the Device and/or storm water vault for visual observation and mosquito treatment; and
    - 3) Provide a letter of verification from the Mosquito Vector Control Association of California when available, verifying the system is readily accessible for observation and treatment or that the System does not require mosquito vector control accessibility.
  - E. Repair procedures for the Device's structural components.
  
6. **Reliability Information.** Describe the following, if applicable:
  - A. Estimated design life of Device components before major overhaul;
  - B. Device sensitivity to loadings other than trash (e.g., leaves, sediment, etc.);
  - C. Warranty Information; and
  - D. Customer support information.
  
7. **Field/Lab Testing Information and Analysis.** Provide all available field or lab testing information that demonstrates the Device functionality and performance. If the Device does not include a 5 mm screen within its design, the Applicant must provide adequate testing results that demonstrates the Device traps trash particles of 5 mm or greater.