

Trash Treatment Control Device Certification and Fact Sheet Update Requirements

The State Water Resources Control Board (State Water Board) Executive Director, or designee in accordance with the Trash Amendments¹, certifies the trash treatment control devices² identified in the State Water Board's *Certified Full Capture System List of Trash Treatment Control Devices (Certified List of Trash Devices)*. To apply for certification of a new trash treatment control device, the device owner shall submit an application in accordance with the requirements below. In addition, owners of grandfathered³ trash capture devices that are requested to update their fact sheets shall submit updated fact sheets in accordance with the requirements below. Applications and updated fact sheets shall be submitted electronically to Mr. Jaime Favila (Jaime.Favila@waterboards.ca.gov).

State Water Board staff will review the device application or updated fact sheet for completeness within 90 days of receipt. If the application or updated fact sheet is incomplete, the State Water Board Executive Director, or designee, shall electronically issue a written determination to the device owner that identifies the additional required information. Upon determining that an application or fact sheet is complete and meets the definition of a trash Full Capture System², the Executive Director or designee will add the device or fact sheet to the *Certified List of Trash Devices*. Please note inadequate fact sheet updates may result in the State Water Board Executive Director or designee removing the device from the *Certified List of Trash Devices*.

Device owners or their representatives with any questions regarding the certification or fact sheet update process may contact Mr. Jaime Favila at (916) 341-5482 or by email (Jaime.Favila@waterboards.ca.gov).

CONFIDENTIALITY

Device owners who include specific proprietary information that should not be publicly disclosed 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 general, State Water Board considers proprietary information confidential where it consists of trade secrets (e.g., manufacturing processes and /or materials that are not patent protected). If the confidentiality justification is approved, the

¹ 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.

² 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.

³ The Trash Amendments automatically certified those devices already previously accepted by the San Francisco Regional Water Board.

application or fact sheet linked to the *Certified List of Trash Devices* will not display the confidential information.

Device owners intending to request confidentiality should contact Jaime Favila prior to submitting the application or fact sheet 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 device owner.

SUBMITTAL REQUIREMENTS.

The submittal for certification or fact sheet update shall be consistent and properly formatted to address all of the following requirements:

1. **Cover Letter.** A cover letter signed and dated by the device owner and contain:
 - a. A general description of the device;
 - b. The device owner's and owner's representative's contact information;
 - 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. **Table of Contents.**

The Table of Contents shall be consistent with the five requirements below (Physical Description, Installation, Operation and Maintenance, Reliability, and Field/Lab Testing) with sections, subsections, any appendices, and corresponding page numbers.
3. **Physical Description.**
 - 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 standards 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 device currently listed on the *Certified List of Trash Devices*, 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 similar certified device.
 - l. If the device includes 'OPTIONAL COMPONENTS' (e.g., deflector screen, etc.) provide installation diagrams of the device with the optional component(s). Explain how the installation of the optional component impacts the overall performance of the device.
4. **Installation Guidance**
- a. Installation considerations;
 - b. Device installation procedures;
 - c. Methods for diagnosing and correcting installation errors; and
 - d. Provide an explanation of the condition or circumstance that would necessitate the implementation of an 'OPTIONAL COMPONENT' to render it no longer optional.
5. **Operation and Maintenance 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:**
 - i. Include the date the Device application was submitted to the Mosquito Vector Control Association of California's Review for design verification via email (MVCAC <TrashTreatment@mvcac.org>);
 - ii. 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
 - iii. Provide the letter of verification from MVCAC the Mosquito Vector Control Association of California as soon as it become available. This letter shall verify that the design provisions have been included and allow full visual access to all areas for presence of standing water and/or treatment of mosquitoes when necessary.
 - e. Repair procedures for the Device's structural components.
6. **Reliability Information.**
- 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.