



Certified Full Capture System List of Trash Treatment Control Devices

In accordance with the Trash Amendments,¹ all trash treatment control devices (Devices) installed after December 2, 2015 shall meet the Full Capture System definition² and be certified by the State Water Resources Control Board (State Water Board) Executive Director, or designee, prior to installation. The Devices listed below meet the Full Capture System definition and are certified for installation by the State Water Board Executive Director designee, provided that upon installation, the Devices:

- 1) Are appropriately sized to treat not less than the peak flowrate resulting from a 1-year, 1-hour storm event (design storm) or at least the same peak flows from the corresponding storm drain;
- 2) Do not bypass trash below the design storm under maximum operational loading conditions;
- 3) Trap all particles that are 5 mm or greater up to the design flow³ or at least the same peak flows from the corresponding storm drain; and
- 4) Do not have a diversion structure present upstream such that a portion of the peak flow is not treated to trap all particles 5 mm or greater.

Municipalities shall incorporate an operation and maintenance plan sufficient to ensure that the captured trash does *not* migrate into the storm sewer system.

The Executive Director reserves the right to de-certify and remove any Device from this list. Listing of any Device does not constitute an endorsement by the State Water Board. Applicants seeking to add a new Device to this list shall submit an application to the Executive Director Designee for approval. The Trash Treatment Control Device Application Requirements are located on the Trash Amendments Implementation webpage at:

https://www.waterboards.ca.gov/water_issues/programs/stormwater/trash_implementation.shtml.

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 Full Capture System is a treatment control, or series of treatment controls, including but not limited to, a multi-benefit project or a low-impact development control 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, Q, resulting from a one-year, one-hour storm in the subdrainage area, or b) appropriately sized to, and designed to carry at least the same flows as, the corresponding storm drain.

³ The region specific one-year, one-hour storm (or design flow) may be obtained from the National Oceanic and Atmospheric Precipitation Estimates at https://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html

CATCH BASIN INSERTS and Other DEVICES

According to the **California Health and Safety Code**, Landowners in California are legally responsible to abate (eliminate the source of) a public nuisance arising from their property, including mosquitoes. Mosquito vector control agencies have substantial authority to access public and private property, inspect known or suspected sources of mosquitoes, and abate the source of a mosquito problem, and charge the landowner for work performed and/or charge fees if a landowner is unwilling or unable to address a mosquito problem arising from their property. [H&S Code Sections 2001 - 4(d); 2002; 2060 (b)] and [H&S Code sections 2060-2067, 100170, and 100175].

Depending on the Device, certain Devices may create a habitat for mosquitos; moreover, impede the pest control operator's ability to both visually inspect the Device for mosquito breeding and apply the appropriate chemical treatment. The State Water Board is providing vector control accessibility information below. Please contact the **Mosquito Vector Control Association of California Review Team** (MVCAC <Trashtreatment@mvac.org>) or the **local mosquito vector control agency** prior to selection of any of the following **Devices** to ensure inspection and treatment is not impeded, and to minimize the potential of nuisances and public health impacts resulting from vector breeding.

Manufacture/ Website	Device Name	Fact Sheet	Vector Control Accessibility			Municipality Contacts Experienced with Device
			Inspection	Treatment	Verification Letter	
Advanced Drainage Systems, Inc. - FLEXSTORM Division http://www.inletfilters.com/	FLEXSTORM Full Trash Capture (FTC) Inserts	APPLICATION 2				Refer to Application
	FLEXSTORM Connector Pipe Screen	ADS-1				No Contacts
Bio Clean® Environmental Services, Inc. http://www.biocleanenvironmental.com/products/	Catchbasin Connector Pipe Trash Screen (Trash Guard)	BC-4				No Contacts
	Curb Inlet and Grate Inlet Filters	APPLICATION 4				Refer to Application
	Modular Connector Pipe Trash Screen	BC-3				No Contacts
CleanWay® Environmental Partners, Inc. http://Cleanwayusa.com	CleanWay Curb Inlet Filtration System	APPLICATION 7				Refer to Application
	CleanWay 'Drop inlet Filtration Insert	APPLICATION 8				Refer to Application
Coanda Inc. http://www.coanda.com/	Coanda Trash Screen and Debris Fence	COA-1				No Contacts
Ecology Control Industries http://www.ecologycontrol.com	Debris Dam - Connector Pipe Trash Screen	ECI				No Contacts
Filtrex Sustainable Technologies https://www.filtrex.com/en/products/stormexx	StormExx® Clean	APPLICATION 16				Refer to Application

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G2 Construction, Inc. http://www.g2construction.com/products/	Collector Pipe Trash Screen & Removable Collector Pipe Trash Screen	G2-1 G2-1R				No Contacts
Hydro International® https://www.hydro-int.com/en/products/flo-filter	Hydro Up-Flo Filter®	APPLICATION 11				Refer to Application
Inventive Resources, Inc. http://www.IRIproducts.com	Water Decontaminator	APPLICATION 3				Refer to Application
Oldcastle Precast® Stormwater Solutions https://oldcastleprecast.com/stormwater/ (formerly KriStar Enterprises Inc.)	Flo Guard +Plus Catchbasin Trash Screen Insert, Combination Inlet Style - Drop in Basket	KS-1				Locations and Contacts
	Flo Guard Catchbasin Trash Screen Insert, Flat Grated Inlet Style-Drop in Basket	KS-2				Locations and Contacts
	Flo Guard Catchbasin Outlet Trash Screen Insert - Connector Pipe Screen	KS-3				Locations and Contacts
Revel Environmental Manufacturing, Inc. http://www.remfilters.com	Triton™ Bioflex Inlet Trash Guard – Catchbasin Polyester Fiber Mesh Trash Filter Insert	REM-1				Locations and Contacts
	Triton™ CPS-FTC (Crescent Pipe Screen)	APPLICATION 12				Refer to Application
	Triton Perf-FTC Insert	APPLICATION 13				Refer to Application

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Stormtek (formerly Advanced Solutions) http://www.stormtekcps.com	Stormtek ST3 & ST3G – Catchbasin Connector Pipe	AS-1, AS-2				Locations and Contacts
United Stormwater, Inc. http://www.unitedstormwater.com	Connector Pipe Trash Screen	USW-1				Locations and Contacts
	Drop-in-Grate Inlet - Catchbasin Trash Screen	USW-5				Locations and Contacts

High Flow Capacity Trash Devices

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AquaShield,™ Inc. http://www.aquashieldinc.com/--aqua-swirl.html	Aqua-Swirl® Stormwater Treatment System	APPLICATION 1				Refer to Application
Bio Clean® Environmental Services, Inc. http://www.biocleanenvironmental.com/products/	Debris Separating Baffle Box (DSBB)	APPLICATION 6				Refer to Application
	Modular Wetland System® (MWS)	APPLICATION 15				Refer to Application
Contech® Construction Products http://www.conteches.com/products/stormwater-management/treatment/cds	Continuous Deflective Separator (CDS) – Hydrodynamic Separator	CCP-1HF				Locations and Contacts
Jensen® Stormwater Systems http://www.jensenengineeredsystems.com/about/stormwater/	Jensen® Deflective Separators (JDS)	APPLICATION 5				Refer to Application
Hydro International® (Stormwater) www.hydro-int.com	Downstream Defender (In-Line & Off-Line Configurations)	APPLICATION 14				Refer to Application
	Hydro DryScreen®	APPLICATION 10				Refer to Application

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Oldcastle Precast® Stormwater Solutions www.oldcastlestormwater.com (formerly KriStar Enterprises Inc. http://www.kristar.com)	Dual Vortex Separator – Hydrodynamic Separator with Trash Screen	KS-7HF				Locations and Contacts
	FloGard Perk Filter – Radial Cartridge Filter with Trash Screen	KS-8HF				No Contacts
	Nettech Gross Pollutant Trap, In Line – Trash Screen and Net	KS-10HF				No Contacts
	*Nettech Gross Pollutant Trap, End of Line – Trash Screen and Net	KS-11HF				No Contacts
Roscoe Moss Company https://roscoemooss.com/products/gross-solids-removal%20device/	Storm Flo® Trash Screen – Linear Radial Gross Solids Removal Device	RMC-1HF				Locations and Contacts
StormTrap® Modular Concrete Stormwater Management http://stormtrap.com	Inline Netting Trash Trap – Inline Pipe Net with Trash Screen (formerly Fresh Creek Technology Product)	FCT-IHF				No Contacts
	*End of Pipe Netting Trash Trap – End of Pipe Net with Trash Screen (formerly Fresh Creek Technology Product)	FCT-2HF				Locations and Contacts
	SiteSaver®	APPLICATION 9				Refer to Application
Suntree Technologies Inc.® www.suntreetech.com	Nutrient Separating Baffle Box®	APPLICATION 17				Refer to Application

* Nets and any associated containment structures are often placed at the outlets of storm drain pipes, which can be in receiving waters such as rivers, creeks, and wetlands. Under these circumstances, a Clean Water Act Section 404 permit may be required from the Army Corps of Engineers, a Clean Water Act Section 401 water quality certification may be required by the Regional Water Board, and a Section 1600 Streambed Alteration Agreement may be required by the CA Dept. of Fish and Wildlife. Before installing a net within a receiving water, municipalities are instructed to submit the design to the Regional Water Board for review and further instruction.