



To Apply: Complete and submit the [STORMWATER PROPRIETARY TECHNOLOGY APPLICATION FORM AND SUBMISSION REQUIREMENTS](#)

STORMWATER PROPRIETARY TECHNOLOGIES LIST

The following list of technologies has been reviewed and accepted by the RIDEM Stormwater Technical Review Committee.

RIDEM APPROVED PROPRIETARY WATER QUALITY BMPs						
Accepted Technology	Approved Models	Vendor	Contact Info	Issued	Standard Pollutant Removal Ratings	Conditional Pollutant Removal Ratings
				Revised		
				Expires		
Filterra® High Performance Bioretention Certification O&M Manual	Filterra® Peak Diversion Filterra® Bioscape	Contech Engineered Solutions, LLC info@conteches.com www.conteches.com 1-800-338-1122	Derek Berg 71 US Route 1, Suite F Scarborough, Main 04074 Derek.berg@conteches.com 207-885-6174	June 1, 2021 May 25, 2022 June 1, 2026	85% TSS, 60% Pathogens, 30% TP and 30% TN (when designed using Filterra Sizing Table #1)	50% TP (when designed using Filterra Sizing Table #2)
Jellyfish® Filter Re-Certification O&M Manual	Jellyfish® Filter Offline Jellyfish® Filter Peak Diversion	Contech Engineered Solutions, LLC info@conteches.com www.conteches.com 1-800-338-1122	Derek Berg 71 US Route 1, Suite F Scarborough, Maine 04074 Derek.berg@conteches.com 207-885-6174	Aug. 10, 2021 May 25, 2022 Aug. 10, 2026	85% TSS, 60% Pathogens, 50% TP and 30% TN	N/A
FocalPoint High Performance Modular Biofiltration System Certification O&M Manual	FocalPoint On-line FocalPoint Off-line	Convergent Water Technologies convergentwater.com 1-832-456-1056	W. Scott Gorneau, P.E. 13810 Hollister Road Houston, TX 77086 sgorneau@convergentwater.com 207-885-6174	Oct. 4, 2021 May 25, 2022 Oct. 4, 2026	85% TSS, 60% Pathogens, 30% TP and 30% TN	N/A
Kraken Filter Certification O&M Manual	KF-4-4, KF-4-6, KF-4-8, KF-8-8, KF-8-10, KF-8-12, KF-8-14, KF-8-16, KF-10-16	Contech Engineered Solutions, LLC info@conteches.com www.conteches.com 1-800-338-1122	Derek Berg 71 US Route 1, Suite F Scarborough, Maine 04074 Derek.berg@conteches.com 207-885-6174	Feb. 7, 2022 May 25, 2022 Feb. 7, 2027	85% TSS, 60% Pathogens, 30% TP, and 30% TN (when designed using Kraken sizing Table 1, 3 or 5)	50% TP (when designed using Kraken sizing Table 2 or Table 4)

RIDEM APPROVED PROPRIETARY PRE-TREATMENT & RETROFIT DEVICES

Accepted Technology	Approved Models	Vendor	Contact Info	Issued	Standard Pollutant Removal Ratings	Conditional Pollutant Removal Ratings
				Revised		
				Expires		
Stormceptor Hydrodynamic Separator Re-Certification O&M Manual	STC Models: 450i, 900, 1200, 1800, EOS 12-590, 2400, 3600, 4800, 6000, 7200, 11000, 13000 and 16000	Contech Engineered Solutions, LLC info@conteches.com www.conteches.com 1-800-338-1122	Derek Berg 71 US Route 1, Suite F Scarborough, Main 04074 Derek.berg@conteches.com 207-885-6174	June 1, 2021 June 2, 2022 June 1, 2026	75% TSS	N/A
HydroStorm Hydrodynamic Separator Certification O&M Manual	HS-3, HS-4, HS-5, HS-6, HS-7, HS-8, HS-10 and HS-12	HydroWorks, LLC www.hydroworks.com 1-888-235-5950	Graham Bryant 257 Cox Street Roselle, NJ 07203 gbryant@hydroworks.com 888-235-5950 (ext. 111)	Aug. 26, 2021 May 25, 2022 Aug. 26, 2026	25% TSS (when designed using HydroStorm Sizing Table #1)	50% TSS (when designed using HydroStorm Sizing Table #2)
Cascade Separator® Certification O&M Manual	CS-3, CS-4, CS-5, CS-6, CS-8, CS-10, CS-12	Contech Engineered Solutions, LLC info@conteches.com www.conteches.com 1-800-338-1122	Derek Berg 71 US Route 1, Suite F Scarborough, Main 04074 Derek.berg@conteches.com 207-885-6174	Oct. 12, 2021 May 25, 2022 Oct. 12, 2026	50% TSS	N/A
CDS® Continuous Deflective Separator Certification O&M Manual	CDS-3, CDS-4, CDS-5, CDS-6, CDS-7, CDS-8, CDS-10, CDS-12	Contech Engineered Solutions, LLC info@conteches.com www.conteches.com 1-800-338-1122	Derek Berg 71 US Route 1, Suite F Scarborough, Main 04074 Derek.berg@conteches.com 207-885-6174	Dec. 7, 2021 May 25, 2022 Dec. 7, 2026	50% TSS	N/A
SciCloneX Hydrodynamic Separator Certification O&M Manual	SCX-3, SCX-4, SCX-5, SCX-6, SCX-7, SCX-8, SCX-10, SCX-12, SCX-14	Contech Engineered Solutions, LLC info@conteches.com www.conteches.com 1-800-338-1122	Derek Berg 71 US Route 1, Suite F Scarborough, Maine 04074 Derek.berg@conteches.com 207-885-6174	Feb. 7, 2022 May 25, 2022 Feb. 7, 2027	50% TSS	N/A
StormTree Certification O&M Manual	Filter System with Interior Sump	MMT, Inc. – d/b/a StormTree www.storm-tree.com 401-626-8999	Paul Iorio 25 Blodgett Avenue Pawtucket, RI 02860 piorio@storm-tree.com	May 11, 2022 N/A May 11, 2027	85% TSS, 60% Pathogens, 50% Total Phosphorus	N/A

RIDEM APPROVED PROPRIETARY PRE-TREATMENT & RETROFIT DEVICES – CONT'D

Accepted Technology	Approved Models	Vendor	Contact Info	Issued	Standard Pollutant Removal Ratings	Conditional Pollutant Removal Ratings
				Revised		
				Expires		
NSBB Baffle Box Certification O&M Manual	NSBB-48, 510, 612, 816, 1020, 1224	OldCastle Infrastructure www.oldcastleinfrastructure.com 619-481-0608	Laraine Sanfilippo 7000 Central Park, Suite 800 Atlanta, GA 30328 Laraine.sanfilippo@oldcastle.com	August 2022 N/A August 2027	50% TSS	N/A
Barracuda MAX Hydrodynamic Separator Certification O&M Manual	S3, S4, S5, S6, S8, S10	Advanced Drainage Systems (ADS®) www.adspipe.com 703-772-8696	Brian Rustia 4640 Trueman Boulevard Hilliard, OH 43026 Brian.rustia@adspipe.com 703-772-8696	Jan. 25, 2024 N/A Jan. 25, 2029	50% TSS	N/A
Aqua-Swirl Concentrator Hydrodynamic Separator Certification O&M Manual	AS-2, AS-3, AS-4, AS-5, AS-6, AS-7, AS-8, AS-9, AS-10, AS-11, AS-12, AS-13	AquaShield™, Inc. www.aquashieldinc.com 888-344-9044	Mark B. Miller, P.G. 2733 Kanasita Drive, Suite 111 Chattanooga, TN 37343 mmiller@aquashieldinc.com 888-344-9044	Feb. 15, 2024 N/A Feb. 15, 2029	50% TSS	N/A
StormTech Isolator Row PLUS Certification O&M Manual	SC-160, SC-310, SC-740, SC-800, DC-780, MC-3500, MC-4500, MC-7200	Advanced Drainage Systems (ADS®) www.adspipe.com 703-772-8696	Brian Rustia 4640 Trueman Boulevard Hilliard, OH 43026 Brian.rustia@adspipe.com 703-772-8696	April 9, 2024 N/A April 9, 2029	25% TSS	N/A
Cultec Separator Row Certification O&M Manual	Contactor®: 100HD Recharger®: 150XLHD, 180HD, 280HD, 330XLHD, 360HD, 902HD	Cultec www.cultec.com 475-289-7083	Michelle Mangan 878 Federal Road Brookfield, CT 06804 Michelle.mangan@cultec.com 475-289-7083	April 9, 2024 N/A April 9, 2029	25% TSS	N/A

****Stormwater Proprietary Technology Approval Types:**

Water Quality Treatment – meets Stormwater Rule 250-RICR-150-10-8.9-B minimum pollutant removal rates of: 85% of total suspended solids (TSS), 60% of pathogens, 30% of total phosphorus (TP) for discharges to freshwaters and 30% of total nitrogen (TN) for discharges to tidal waters.

Pre-Treatment – does not meet the minimum pollutant removal rates stated in Stormwater Rule 250-RICR-150-10-8.9-B for WQBMPS but meets the Stormwater Rule 250-RICR-150-10-8.31-A minimum pollutant removal rate of 25% of total suspended solids (TSS).

Retrofit – does not meet Stormwater Rule 250-RICR-150-10-8.9-B minimum pollutant removal rates but may be permissible in cases where no other WQ BMP or technology that meets Stormwater Rule 250-RICR-150-10-8.9-B can be sited and some level of WQ treatment is desirable for end of road or when highly constrained conditions are present on site.