

PRODUCT RECOVERY MANAGEMENT, INC.

PRM Water & Environmental Solutions | Technology Overview

DOCUMENT REF:	PRM-CLNT-2026-PFAS01	DATE OF ISSUE:	June 2026
SUBJECT:	PFAS-Snare™ Patent Coverage & Technical Overview	DISTRIBUTION:	General Client Base
LEGAL STATUS:	U.S. Provisional Patent Application Pending		

1. INTRODUCTION & TECHNOLOGY OVERVIEW

Product Recovery Management, Inc. (PRM) is pleased to present this client advisory regarding our advanced **PFAS-Snare™ Water Treatment System**. As of **June 2026**, PRM has formally filed a United States Provisional Patent Application covering the core structural and operational innovations behind the PFAS-Snare™ platform.

This document outlines the scope of our technology protection, detailing the standard information available to our clients and partners, as well as the process for obtaining extended engineering specifications for active project evaluations.

2. PROVISIONAL PATENT COVERAGE STATEMENT

The PFAS-Snare™ platform represents a significant advancement in mobile and modular PFAS remediation. Our pending provisional patent encompasses the unique system architecture, treatment sequence, and integrated mechanical framework engineered into every unit:

PFAS-Snare™ Scope of Innovation

- **Integrated Multi-Stage Remediation Sequence:** The structural and fluid-dynamic integration of pre-filtration particulate management, targeted PFAS-selective ion exchange / adsorption media vessels, and final polishing stages in a single, cohesive unit.
- **Modular Utility Enclosure & Climate Framework:** The thermal management, environmental isolation, and modular enclosure engineered for rapid, turnkey deployment without requiring permanent concrete foundations.
- **Potable-Rated Quick-Connect & Fluid Isolation Assemblies:** Specialized fluid manifolding, safe vessel changeout assemblies, and inline monitoring configurations designed for continuous operational safety and rapid field scaling.

3. INFORMATION AVAILABILITY GUIDE

To assist in project planning while preserving our proprietary designs prior to full non-provisional patent publication, information regarding the PFAS-Snare™ is provided in two phases:

Category	Publicly Available Information (Freely Shared / Website)	Extended Project Specifications (Available under Executed NDA)
System Architecture	AVAILABLE Process Flow Diagrams (PFD), equipment footprints, container dimensions, and system capacities.	NDA REQUIRED Detailed internal CAD models, piping manifold assembly drawings, and structural CAD files.

Category	Publicly Available Information (Freely Shared / Website)	Extended Project Specifications (Available under Executed NDA)
Treatment Sequence	AVAILABLE High-level sequence breakdown (Pre-filtration → PFAS Adsorption → Polishing) and target removal efficiencies.	NDA REQUIRED Proprietary fluid-dynamic retention times, bed depth ratios, and custom manifold pressure parameters.
Media & Chemistry	AVAILABLE General media classifications, target contaminant removal lists (PFOA, PFOS, GenX, etc.), and fluid compatibility.	NDA REQUIRED Exact proprietary resin blend formulas and media replacement/regeneration lifecycle data.

Need Extended Engineering Specifications for Your Site?

We invite clients requiring full engineering reviews, complete CAD integrations, or detailed pilot performance data to visit our dedicated technology portal at www.pfas-snare.com.

At **pfas-snare.com**, you can download technical specification sheets and initiate a **Mutual Non-Disclosure Agreement (NDA)**. Completing an NDA grants your team access to extended technical consultations, detailed engineering schematics, and custom site-integration support with PRM lead engineers.

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