

CAPTURE THE LAST BARRIER TO RECOVERY.



Mercer International Inc.

TSS TRAPPER™

TSS Trapper™ is a post-separation capture technology that continuously removes the fine suspended solids left behind after primary clarification. Positioned between separation and recovery, it prepares treated water for downstream reuse, water recovery, or final treatment.

CLEANER WATER STARTS AFTER PRIMARY SEPARATION..

Capture What Primary Separation Leaves Behind

Removes fine suspended solids that remain after clarification.

Prepare Water for Recovery

Produces a cleaner stream for downstream recovery technologies.

Protect Critical Equipment

Reduces suspended solids loading on membranes, pumps, polishing systems, and process equipment.

Improve Treatment Stability

Helps downstream processes operate more consistently with lower particulate loading.

Complete the Capture Stage

Strengthens Mercer's CATCH IT™ phase before water advances to recovery.

Primary separation removes the majority. TSS Trapper™ captures what remains.

After primary separation has removed free oil and settleable solids, one obstacle often remains: fine suspended solids that continue downstream.

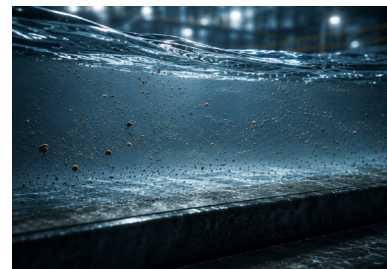
TSS Trapper™ provides a dedicated polishing stage that continuously captures these remaining particles, reducing solids loading and preparing treated water for recovery, reuse, or final discharge.

RECOVERY BEGINS WITH WHAT YOU CAPTURE.

1

AFTER PRIMARY SEPARATION

Free oil and heavy solids are removed. Fine suspended solids remain.



2

TSS TRAPPER™

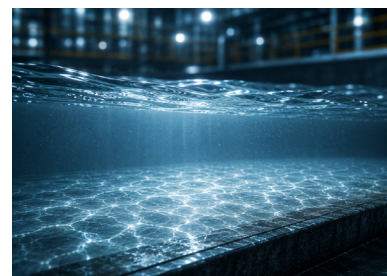
Remaining suspended solids are continuously captured while water keeps flowing.



3

RECOVERY READY WATER

Cleaner water moves downstream, prepared for recovery or reuse.



BUILT FOR POST-SEPARATION POLISHING

Primary separation removes the majority of recoverable contaminants.

TSS Trapper™ focuses on what remains—capturing fine suspended solids that can reduce downstream performance, limit water recovery, and increase maintenance requirements.



AFTER PRIMARY SEPARATION	AFTER TSS TRAPPER™
Majority of free oil removed	Majority of free oil removed
Heavy solids removed	Heavy solids removed
Fine suspended solids remain	Fine suspended solids captured
Suitable for continued treatment	Prepared for recovery and reuse
Supports compliance through polishing	Supports compliance through containment

IDEAL FOR THESE APPLICATIONS

- Industrial Wastewater
- Produced Water
- Refinery Wastewater
- Petrochemical Operations
- Manufacturing Wastewater
- Food Processing
- Cooling Water Reuse
- Process Water Recovery
- Downstream Membrane Protection

Best applied where primary separation has removed the majority of contaminants, but remaining suspended solids still limit recovery, reuse, or downstream treatment performance.

CAPTURE IS PART OF RECOVERY.

Within Mercer’s Integrated Treatment Ecosystem™, TSS Trapper™ occupies the final stage of CATCH IT™.

Rather than replacing primary separation, it extends it—capturing the suspended solids that continue beyond clarification and preparing water for the recovery technologies that follow.

CAPTURE MORE.
RECOVER MORE.

Capture first. Recover next.

“

The cleaner the water entering recovery, the greater the value leaving it.

ANDRE ELLMAN
President



TEST
FOR FREE



SEND
SAMPLE

We Test for FREE and Guarantee.

Mercer evaluates suspended solids loading, capture performance, downstream treatment requirements, and overall recovery potential using your actual wastewater before recommending a full-scale solution.

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