

Reclaim waste water for pennies!



Battery Wash Recycle System

The Environmental Solution to your
waste water problems



HPI Processes, Inc. proudly presents the Battery Wash System to quickly and efficiently treat hazardous waste water of heavy metals, suspended solids, organic compounds and other potential pollutants.

Utilizing flocculation, recycled water from the Battery Wash System can be reused over and over while also meeting all Sewer Authority disposal codes eliminating the costly process of disposal!

With the ability to treat up to a hundred gallons in under twenty minutes the Battery Wash System allows you to focus on driving your business, not cleaning up after it.

- Durable 1/2 inch polypropylene construction
- 100 Gallon clean water reservoir
- 50 gallon treatment tank
- 1/4 horsepower heavy duty agitator.
- Five 50-micron filters



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Water Treatment Evaluation

Laboratory tests on samples submitted indicate the following before and after treatment:

Parameter (in ppm or mg/L)	Untreated	After One Treatment
Appearance	Grey, Cloudy	Colorless, Very Slight Cloudiness
Suspended Solids	3198	170
pH	2.93	8.48
Oil & Grease IR-hexane	70	1.5
Chemical Oxygen Demand (COD)	1120	950
Total Organic Carbon (TOC)	542	295
Phosphorous	0.86	0.25
Cadmium	0.13	<0.005
Chromium	0.67	<0.005
Copper	5.3	0.22
Nickel	0.41	0.01
Lead	232	0.03
Zinc	4.6	<0.02
Iron	497	0.67

Sludge Evaluation Report

The Toxicity Characteristics Leaching Procedure (TCLP) (Fed. Register, Vol. 55, No. 126/June 29, 1990) was performed on the sample. The leachate was tested for the following metals:

Metals (mg/L)	Submitted Sludge	Limits
Cadmium	0.01	1.0
Chromium	<0.005	5.0
Lead	2.8	5.0
Silver	<0.02	5.0
Arsenic	0.04	5.0
Barium	<0.005	100.0
Mercury	<0.02	0.2
Selenium	<0.02	1.0