

Con-Serv Water

It's not just our Name –it's what we do

In the News...

Save Millions of Gallons of Water at Your Wash



First the math: Find the \$avings that most resembles your wash)

Vehicle count (per day avg)	100	200	300	400	500	1000
Water used per vehicle (Gal)	20	20	20	20	20	20
Total volume water used (Gal)	2000	4000	6000	8000	10000	20000
Lost due to evap and carryoff/other (Gal) *	600	1200	1800	2400	3000	6000
Savings with Con-Serv Technologies (per day Gal)	1400	2800	4200	5600	7000	14000
Yearly savings (Gal) (365 days)	511,000	1,022,000	1,533,000	2,044,000	2,555,000	5,110,000

Vehicle count (per day avg)	100	200	300	400	500	1000
Water used per vehicle (Gal)	40	40	40	40	40	40
Total volume water used (Gal)	4000	8000	12000	16000	20000	40000
Lost due to evap and carryoff/other (Gal) *	600	1200	1800	2400	3000	6000
Savings with Con-Serv Technologies (per day Gal)	3400	6800	10200	13600	17000	34000
Yearly savings (Gal) (365 days)	1,241,000	2,482,000	3,723,000	4,964,000	6,205,000	12,410,000

Vehicle count (per day avg)	100	200	300	400	500	1000
Water used per vehicle (Gal)	50	50	50	50	50	50
Total volume water used (Gal)	5000	10000	15000	20000	25000	50000
Lost due to evap and carryoff/other (Gal) *	600	1200	1800	2400	3000	6000
Savings with Con-Serv Technologies (per day Gal)	4400	8800	13200	17600	22000	44000
Yearly savings (Gal) (365 days)	1,606,000	3,212,000	4,818,000	6,424,000	8,030,000	16,060,000

* estimate 6 gpv

Get ahead of Pending Water Restrictions, or Discharge Requirements

Con-Serv Enviro Friendly solutions lets you decide how much water you use. Our flexible product line from Wastewater to Spot Free Rinse is designed based on the specific conditions at your wash.



Slow your meter down

Proven Technology

Flexible Flow Rates

Quality Water for Any Wash Application



Zero Water Discharge to Sewer

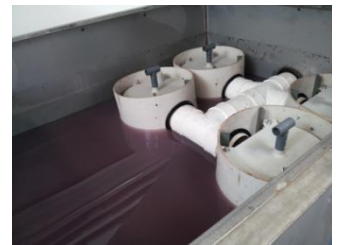
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Product Spotlight

Oil Water Separation

The Con-Serv Manufacturing OGA series is a new product for Oil Separating. This design is unique in that it combines 4 different technologies: mechanical method, flow control method, filtration method and a biological method to increase efficiency and capacity.

Stainless Steel Construction . Easy to Operate
 Easy to Maintain . No power consumption.



Total Solution Technologies

Auto Backwashing Filters

- Dual Self-Cleaning Stainless Steel Filter Element
- Lifetime Warranty on Stainless Steel Filter Element
- 25u Absolute Filtered Water Quality *
- Stainless Steel Platform, Components, & Fittings
- Stainless Steel Housing and Separator
- 3 HP / 5 HP Process Pump with Strainer Basket
- Includes UL Listed Ozone / Stainless Steel
- 24 SCFH Oxygen Concentrator
- Bio-Treatment Dosing Control
- UL Listed Electrical Control System
- ¾ HP Ozone Re-Circulation Pump
- Includes Pump Guard Advisor **
- Flow Rates up to 125 GPM
- Vortex Particle Accelerator
- Brass Check Valves



* 25 Micron equals 0.001 (the size of a single white blood cell)

From Pit to Spot Free Rinse



We had the opportunity at a recent installation to take some water samples throughout the recovery process. (from left to right)

1. After auto backwash filter
2. After oil/water separator
3. After Ultrafiltration system
4. Chlorinated filtrate water
5. RO Permeate water
6. RO Concentrate water

Ultra Filtration

Standard Features

Hollow-Fiber or Ceramic UF Membranes
 Many MWCO and Micron Ratings Available
 Stainless Steel Pumps, Valves, Pressure Gauges
 Corrosion-Resistant Piping
 60Hz/230V-460V, 3-phase TEFC motor
 Automatic Backwash System (Hollow-Fiber only)
 Filtrate and Concentrate Flowmeters
 Total Automatic Operation with PLC Control
 Self-backwashing Sediment Strainer
 Turbidity Meter



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Maintenance reminder.

With the proper pretreatment for Reverse Osmosis, your membranes can last for years. Have you checked that your water softeners and carbon filters are operating correctly?



Con-Serv Technologies:

**Auto Backwashing Filters . Particle Separation . Media Filtration . Chemical Dosing . Pump Skids
. Reverse Osmosis . Ozone Re-pressurization Systems . Biocide Injection . Ultrafiltration
Flocculation . Oil/Water Separation . Physical Conditioners**

Jokes Corner

A wife was making a breakfast of fried eggs for her husband. Suddenly her husband burst into the kitchen.

"Careful. CAREFUL! Put in some more butter! Oh my GOD! You're cooking too many at once. TOO MANY! Turn them! TURN THEM NOW! We need more butter.

Oh my GOD! WHERE are we going to get MORE BUTTER? They're going to STICK! Careful.

CAREFUL! I said be CAREFUL! You NEVER listen to me when you're cooking! Never! Turn them! Hurry up! Are you CRAZY? Have you LOST your mind? Don't forget to salt them. You know you always forget to salt them. Use the salt. USE THE SALT! THE SALT!"

The wife stared at him. "What the heck is wrong with you? You think I don't know how to fry a couple of eggs?"
The husband calmly replied, "I just wanted to show you what it feels like when I'm driving."

A young pirate is talking to an older pirate and he says, "wow how did you lose your hand?" pointing at the pirates hook.

"Arrr me young lad twas fighting off some scurvy attackers trying to take me ship and in the sword fight I got me hand cut off."

"Well how did you lose your leg?" he asked pointing at the wooden leg.

"Arrr me young lad was cooling my feet off in the ocean one fine sunny day and a shark came and bit me leg off!"

"Well how did you lose your eye?" the young pirate asked, pointing at the eye patch.

"Arrr me young lad, twas lying on a beach sunning me self when a bird flew over me and crapped in me eye!!!"

The young pirate asked, "how do you lose an eye from bird crap?"

"Arrr me young lad twas the first day with me hook!"