

2Q/2013 Newsletter

HSE at Con-Serv

Our Health, Safety and Environmental (HSE) policies are a large part in driving our commitment to our customers, our employees and our responsibility for the environment. We are a small business with limited resources, but will continue to work towards indentifying and solving matters that will show our continued commitment to our company HSE Programs.

It's Business -but not at any cost.

Visit our website to view our HSE Policy Guide /Manual. www.con-servwater.com
(click commitment button)

Did you know ...

You can find the following information on our Resource page:

Membrane Replacement Instructions
Electrical Load Information
Pipe Size Flow Rates
Temperature Correction Factors
Reverse Osmosis Troubleshooting
Sieve Mesh Conversion Table
Methods of pretreatment prior to Reverse Osmosis
The Filtration Spectrum
Reagent Grade Water Chart
Water Test Information
And More

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?

Featured Product

Free Standing Self Cleaning Filter



This unit is a Stand Alone Self-Cleaning Filter that can be incorporated into earlier Standard Bag Filter models as an Upgrade to New Style Automatic Self-Cleaning Systems. This unit comes Standard with a 115 Volt Control Panel, Tripod Stand, and Stainless Steel Filter Element. Options Available

- Lifetime Stainless Steel Filter Element
- UL Listed Electrical Control System
- High Volume Flow Demand
- Pre-programmed
- Small Platform
- Pre-Plumbed
- Pre-Wired
- 35 Gallon Ballast Tank

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Don't be intimidated

The Simple “truth” to reclaiming water is what’s in “it” and what do you want to get out of “it”. There are various technologies to treat specific conditions in the water. The advancements in the industry have provided opportunities to recover and re-use water preserving our most precious resource.

In the Carwash Industry the challenge is the changing nature of the water to be processed. Road Salts, temperature, detergents, grease/oil, and sand are just a few items that impact the quality of the water to be reclaimed. At Con-Serv, we look at the recovery and re-use of Carwash water as a “process”. There are different technologies that will be applied depending on the conditions of the feed water and the quality of the process water desired.

Each Carwash is “different”. Many factors go into the design of a solution that works for each wash. Factors to consider other than the feed conditions or quality of water desired that go into the design may be space constraints, chemicals used, process flow, flow rates and pressures to name a few. Identify what you want to achieve with your reclaim process. Maybe you have usage restrictions or discharge issues, or rising water and sewage costs. Maybe you are not happy with the water quality, or you have downstream equipment maintenance issues.

Proper pit maintenance goes a long way to achieving the best results in recovering and reusing water at a Carwash. It helps to regulate what is going into your reclaim process. Tanks need to be periodically pumped to keep from overloading any process or equipment installed. A water analysis will identify what’s in the water and will assist in determining the technologies to apply to the treatment process.



From Settling tank 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. Reverse Osmosis Permeate water
6. Reverse Osmosis Concentrate water

Visit our home page and scroll down and click on the reclaim water quality box.

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Con-Serv Technologies:

Auto Backwashing Filters . Particle Separation . Media Filtration

Chemical Dosing . Pump Skids . Reverse Osmosis . Ozone

Repressurization Systems . Biocide Injection . Ultrafiltration

Flocculation . Oil/Water Separation . Physical Conditioners

Jokes Corner

A conversation in Heaven

SYLVIA: Hi! Wanda.

WANDA: Hi! Sylvia. How'd you die?

SYLVIA: I froze to death.

WANDA: How horrible!

SYLVIA: It wasn't so bad. After I quit shaking from the cold, I began to get warm & sleepy, and finally died a peaceful death. What about you?

WANDA: I died of a massive heart attack. I suspected that my husband was cheating, so I came home early to catch him in the act. But instead, I found him all by himself in the den watching TV.

SYLVIA: So, what happened?

WANDA: I was so sure there was another woman there somewhere that I started running all over the house looking. I ran up into the attic and searched, and down into the basement. Then I went through every closet and checked under all the beds. I kept this up until I had looked everywhere, and finally I became so exhausted that I just keeled over with a heart attack and died.

SYLVIA: Too bad you didn't look in the freezer -we'd both still be alive.

Bathroom troubles

Three old men are sitting on the porch of a retirement home. The first says, "Fellas, I got real problems. I'm seventy years old. Every morning at seven o'clock I get up and I try to urinate. All day long I try to urinate. They give me all kinds of medicine but nothing helps."

The second old man says, "You think you have problems. I'm eighty years old. Every morning at 8:00 I get up and try to move my bowels. I try all day long. They give me all kinds of stuff but nothing helps."

Finally the third old man speaks up, "Fellas: I'm ninety years old. Every morning at 7:00 sharp I urinate. Every morning at 8:00 I move my bowels. Every morning at 9:00 sharp I wake up."