

Kitchen of Spokane School

USA

International Water Treatment NA LLC

2607 Bridgeport Way W Ste.1J
University Place, WA 98466
www.iwtna.com

Vulcan in a School Kitchen

Dear CWT Team,

The steam convection oven has greatly improved since the installation of the Vulcan. The water is injected via the pipe in the centre of the heating coils and a fan inside the coils blows the water through the coils and comes out as steam. The operating temperature of this device is 350F. The white material you see on the coils is a powder coating that is easily removed with a wet cloth. No more chemicals are required to clean the convection oven.

However, we have noticed even greater results in the school kitchen, which was previously using a traditional water softening system. But all in all, we can confirm the effectiveness of the Vulcan treatment, which means less work for the maintenance staff.

The Vulcan unit installed on the entire building system has also been extremely effective. No more rusty water after weekends and Christmas break. The next Vulcan will be installed on the other school buildings, which are around 20 – 25 years old.

The last Vulcan unit is installed on the main cooling tower – we have had nothing but positive news in regards to this installation. We will be seeing more orders coming from this customer very soon.

Best Regards
Arne Vestad



TA Truck Stop — Moriarty, New Mexico

USA



Moriarty Travel Center



REFUEL



REPLENISH



REFRESH



REPAIR



RESCUE



REWARDS

Here in Moriarty N.M. we have extremely hard water.

In our truck stop we have to always clean up after it. The showers are a particular problem. From clogged shower heads, to constant cleaning and scrubbing to keep them clean.

It also wreaks havoc with the boilers and water heaters. After Andy and Vulcan Water Products installed the S100 unit on the main line, we noticed real soon, that the showers were becoming cleaner, and the discoloration in the water was gone too!

In our Country Pride restaurant, they noticed a dramatic change in the color and clarity of the iced tea and coffee, cleaner, spotless glassware and dishes, and the ice machine makes clean ice! We are very pleased with the results. Thank you Vulcan!

Signed,

John Hathaway GM

Jack Reneker AGM

TA Operating LLC
Moriarty, NM 87035



Vulcan S100 installed on the main water line



White Castle Burger Restaurant — New York

USA



Installation of Vulcan water treatment



Installation site: White Castle #32, New York, USA
Model: Vulcan 3000 (installed on the ice machine after the carbon filters)
Vulcan 5000 (installed on the main inlet line)

White Castle #32 – May 5

We installed a Vulcan 5000 on the main inlet line to White Castle 32 & a Vulcan 3000 on the ice machine after the carbon filters.

The R2D2 was cleaned and the calcium completely removed in one area. There is a slight indentation into the pan at the water line.



Before Vulcan installation - hard scale build up in the pan area



After Vulcan installation - pan area is now completely scale free

Mövenpick Restaurant

Germany

Mövenpick Restaurant
Potsdam

Christiani Wassertechnik GmbH
Charlottenstraße 18

10117 Berlin



Reference Letter

Dear Sir,

our Mövenpick Restaurant opened in January 2000. After a short period of time we noticed a high level of limescale developing on the ice-cream makers. These calcification's could only be cleared bit by bit which is a time consuming process. To avoid potential losses, a short-term limescale filter was installed. The operating time of this filter is limited however and thus resulted in high costs.

At a trade fair visit we consulted the company Christiani Wassertechnik GmbH about other possibilities. We installed the limescale converter Vulcan 5000 and the ice-cream makers have been functioning smoothly for 10 months now.

The limescale, which accumulates especially in the crushed ice makers, can now be easily removed as it is converted into fine-grained structures.

We wish the company Christiani further success with their excellent products.

Yours Sincerely,

Marcel Charrier
Director

Mövenpick Zur Historischen Mühle Sanssouci
Zur Historischen Mühle
14469 Potsdam
Tel.: 0331 / 78 44 93
Fax 0331 / 281 49 50



Vulcan 5000



Vulcan protecting the ice machine



Vulcan protecting the ice-cream makers



Soft limescale is now easily removed

Mövenpick Restaurant, Potsdam

www.moevenpick.com | Mövenpick Restaurants Deutschland GmbH

o2 Water Margin Restaurant

United Kingdom



The O₂



To whom it may concern,

We are a very busy 300-seat restaurant at the O2 London Arena and have had major problems in the past with lime scale in our glass and line washing machines, sinks, food warmers and toilets. We have installed various products in the past to remove this scale with little success, resulting in higher maintenance and replacement costs along with increased expenses on cleaning equipment.

Since CWT Partners Ltd installed the Vulcan S25 at our premises we have noticed substantial and continual improvement over the past 3 months. Our food warmers, steam ovens, kitchen sinks and restrooms are clear of scale, along with cleaner crockery and cutlery. This has helped to reduce the detergent and cleaning equipment and products, which has saved us more than the cost of installing the Vulcan S25. The restaurant is now able to operate at a higher level, avoiding lime scale and rewashing of dishes, with far fewer complaints from customers.

It is a pleasure to inform you that we are very satisfied with the Vulcan S25 descaling unit. Additionally, we would like to single out the professionalism of the CWT team that addressed our lime scale problem and like to thank them for all their help. We highly recommend the Vulcan water treatment and urge others clients to install it.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Chin Lam'.

Chin Lam
CEO



Novari (at the O2) LIMITED

Registered office: 23 Entertainment Avenue, The O₂, Greenwich, London,
SE10 0DY

Waffle House Restaurant

USA



Installation details

Model: Vulcan S25

Location: Waffel House
Tallahassee
Florida

Installation area: Water main

Installed by: Ackruitlabs, Inc.



Wolfies Waterfront Grill

USA



Salt-Free Water Systems, LLC
1429 Casco Bay Circle
Cicero, IN 46034
Attn. Jim Schneider and Dick Van Voorhis

Dear Jim and Dick,

I want to let you know how satisfied I am with the results using the Vulcan 5000 water conditioner in my restaurant, Wolfies Waterfront Grill in Noblesville, IN.

Here are the positive results using the Vulcan system:

- The Vulcan immediately solved a problem with our restroom water fixtures.
- The Vulcan eliminated our water softener, along with the required salt and water consumption.
- The Vulcan drastically reduced our dishwasher soap usage.

With this environmentally friendly product, the above savings resulted in a return on investment within 6 months.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Wolf".

Scott Wolf
Owner, Wolfies Waterfront Grill



Wolfies WaterFront Grill Restaurant, Noblesville
Noblesville, Indiana 46062

Coca Cola

Morocco



Installation details

Model:  Vulcan 5000

Location: Coca-Cola Factory
Marrakech, Morocco

Area: the water inlet of the water recycling room

Pipe: 2", stainless steel pipe

After Vulcan installation:

1. Two weeks after Vulcan was installed, lots of scale deposits had disappeared in the pipe.
2. 48 hours after Vulcan was installed, the filter still stays clean.
3. Less maintenance.



The Coca-Cola factory in Marrakech, Morocco



Vulcan 5000 was installed on the water inlet of the water recycling room.



Before Vulcan installation:
the pipe was full of scale deposits.



2 weeks after Vulcan was
installed, scale had been
softer and fallen out.



Without Vulcan, the filter was quickly stuck by scale deposits, and it had to be changed every 48 hours.



48 hours after Vulcan was installed, the filter still stays clean.

Fazer Chocolate Production Factory

Finland

Fazer Chocolate



Location: Fazer
Konsernijohto
Fazerintie 6, Vantaa
PL 4
00941 HELSINKI

Installed by: VesiTekno Oy
Ylästöntie 121 A
01740 Vantaa
Finland
www.vesitekno.fi

Fazer confectionery

Fazer is Finland's leading confectionery company and one of the leaders in the Baltic Sea region and Russia. The company was originally founded by Karl Fazer in 1891, as a "French-Russian conditory" in central Helsinki.

In the confectionery business, Fazer is the market leader in Finland and a strong player in the Baltic Sea area, exporting products to more than 40 countries. Among Fazer's strong international brands are Karl Fazer, Geisha, Dumle, TuttiFrutti, Xylimax, Marianne, Tyrkisk Peber, Pantteri and Ässä.

Fazer's confectionery factories are located in Finland, and this is where the Vulcan S25 unit has been installed. This unit has been placed on the cooling system, used in the production of chocolate.



Model installed:

Vulcan S25

Installation area:

Cooling system used in the Fazer chocolate production factory in Helsinki



Fazer Factory:

Aerial shot of the Fazer chocolate production factory in Helsinki

Grand Traverse Distillery

USA



Details of Installation

Model:	Vulcan 3000
Location:	Grand Traverse Distillery Traverse City, MI 49686
Area of installation:	Inlet water main
Installed by:	Salt-Free Water Systems LLC 1429 Casco Bay Cir. Cicero, IN 46034 www.vulcan-usa.com



Vodka Distillery



Grand Traverse Distillery



Scale deposits removed after installing the Vulcan 3000

K & P Zimmermann Cheese Dairy Production

Switzerland

K & P Zimmermann
Cheese Dairy
2333 La Ferrière
032 961 11 53

CWT International
Mr. W. Kurt
4103 Bottmingen

La Ferrière

**CWT Vulcan S25 - 3 months-test in the cheese dairy and apartments of K & P Zimmermann
in La Ferrière in Switzerland**

The chrome pipes have visibly less scale deposits and it is much easier to clean them - just with a damp cloth and no chemicals are needed. Also in the pans, the scale doesn't attach so much and it is easy to remove.

One month after the installation of Vulcan S25, we made a test with a rusty nail. After two weeks the nail was clean.

Summary: For us Vulcan is the easy solution against scale and rust and keeps our piping system and appliances clean. We need less maintenance and save money with it.

Best Regards
K. Zimmermann



Delice Danone Dairy Production

Tunisia



Installation Details

Model:	2 x Vulkan 3000
Location:	Delice Danone Usine Tunisia
Installed by:	STPE sarl Tunisie

Delice Danone Factory - Tunisia

The Fresh Dairy Products division manufactures and sells dairy products and other fermented dairy specialties. In this context, Danone relies on its ability to develop its range and continuously introduce new products in terms of flavor, texture, ingredients, nutritional content or packaging. Their brands include Activa, Oikos Greek yogurt & Danone children's yoghurt.



Milk production



Milk production



Vulcan 3000 installed in the Delice Danone factory



Vulcan 3000 installed in the Delice Danone factory

Fritz Häcker Gelatine Production

Germany

Fritz Häcker GmbH + Co. KG . Postfach 1265 . D-71655 Vaihingen/Enz

To
Christiani Wassertechnik GmbH (CWT)
Attn. Mr. Cedric Christiani
Köpenicker Strasse 154

10997 Berlin



Water Treatment System VULCAN

Dear Mr Christiani,


We are a company in the adhesives industry originating from the production of gelatin. Traditionally a high amount of water is required for the extraction process to produce gelatin. For this we have our own deep wells from which the required water is drawn. Due to the area's geology, the ground water is relatively hard which inevitably results in thick layers of adherent limestone in the tanks. Some of which only were removable by using chemical substances. The water heater was also subject to relatively quickly calcification.

To remedy this, we have already taken one of your Vulcan systems into operation in the central hot water supply. We were stunned by it's results, especially as the opinion about this kind of water treatment systems is very much divided.

The physical treatment of the water by Vulcan caused a significant reduction of adherent limestone in the tanks and piping surfaces. Decalcification actions had to be executed in considerably larger intervals, which results in considerable lower costs.

We are convinced of the viability of these systems and can only find words of praise for the service given. On this basis, we will certainly continue to work together.

Best regards


Fritz Häcker GmbH+Co.KG
General Management
Klaus Böhne

Marcel SINAI "Les Aires" Olive Oil Production

France

Marcel SINAI
" Les Aires "

Route du Destet - Quartier des Calans
13520 MAUSSANE LES ALPILLES

CWT
Köpenicker Str. 154
10997 BERLIN
Germany

Reference: 12102680 Vulcan 5000

Dear Sirs,

I purchased this unit at the BATIMAT trade fair in Paris under the reference 21623.

The Vulcan descaler model is installed and is functioning correctly as we no longer have traces of limestone on our ro-binneterie GROHE stainless steel. The water in our region (la Provence) is particularly limestone rich.

Best wishes.

Marcel SINAI



Producer of olive oil



Grease Trap in a Food Factory

Japan

Grease trap measures in a food factory

Installation example

Dear CWT Team,

The Vulcan unit has a trouble free design and easy installation. The LED light always blinks dependably as it shows the processing conditions.

I have compared the state of the grease trap before and after installing the Vulcan. Before installation, I noticed strong odors when opening the hole. When I opened the hole a month after installation, no such odors were present.

As for the cleaning intervals, monthly cleaning may now not be required.

The effect and cleaning intervals of Vulcan will require an annual observation, however, I believe the amount of cleaning will be reduced remarkably.

Regards,
Factory Manager



Before Vulcan installation



3 months after installation - grease is more consistent and less cluttering

Bigard Meat Factory

France



www.bigard.fr



Vulcan installed at:
BIGARD Meat Factory
France

Installed by:
CWT Preval France

Model installed:
Vulcan S25

BIGARD Meat Factory

Bigard Group is the leading meat processor in France (processing more than 500,000 tonnes per year).

The Vulcan S25 device has been installed on the machine responsible for washing the white containers which have barcodes located on the side.

Before installing the Vulcan unit, the scanning machine could not read barcodes due to scale incrustations. Now after installed Vulcan, the machine is able to read these bar codes correctly. Bigard is now saving on maintenance costs and reduced time spent on cleaning the washing machine and white boxes.



Washing machine used for the white containers



White containers and barcodes are now free of scale



Vulcan S25 unit installed with insulation re-wrapped over the pipes and impulse cables

Eberswalder Wurst Sausage Production

Germany

EWG Eberswalder Wurst GmbH

Eberswalder ... Richtig gut die Wurst



EWG Eberswalder Wurst GmbH
Christiani Wassertechnik GmbH
Heinrich-Heine-Str. 15
52249 Eschweiler

Dear Sir,

We have been using your Vulcan-Impulse-Technology for over a year with great success.

Despite the use of chemicals during the pasteurisation of vacuum-packed sausages such as hard water stabilizing agents and corrosion inhibitors, heavy scale deposits accumulated in the pipes and the holding tanks which could only be cleared through intensive chemical purification several times throughout the year.

Six months following an intensive purification and the installation of your Vulcan technology, only very few deposits in the warming zone and none at all in the cooling zone could be found.

These deposits need now only to be cleared once a year at a considerable lower cost.

We wish you further success with your technology against scale and rust


Helmut Schwendler
Director of Engineering



Sausage packaging line



Vulcan S25



Mr. Christiani at installation of Vulcan