

Australia

Nufarm Australia Ltd., Laverton

East Gippsland Water, Bairnsdale VIC
4.000 m² raw- / drinking water reservoir

North Burnett Regional Council, Gayndah, QLD
1.000 m² wastewater tank

Water Corporation Western Australia, Perth:
2.000 m² wastewater reservoir

"Water Corporation (WA) installed Hexa-Cover® in a wastewater treatment pond in Leonora (Gold-field Region). We are happy to say, the installation went very smoothly. To date the effluent quality supplied to the recycled water scheme is much improved as well as the quantity"

Leanne Brown, Analyst – Water Quality Risk



Belgium

Gemiflor, BE-8740
Lintor NV, BE-2250
PC Groenteteelt vzw, BE-9770
RWZI Dendermonde - Aquafin, BE 9200

Tiense Suikerraffinaderij, BE 3300
3.500 m² waterwater reservoir

Brazil

Polenghi Industrias Alimenticias Ltda.

Canada

Aurora Cannabis, AB:
1.356 m² Hydroponic tank

City of Saskatoon, SK

Markham District Energy Utility, ON

City of Nakusp, BC
4.000 m² WWTP reservoir



"Familiar with the Hexa-Cover® Floating Cover, I felt the product could nicely cover the lagoon, controlling the algae growth as the sunlight would not be able to penetrate into the water. Additionally, the Hexa-Cover® Floating Cover would enable the aeration process and fluctuating water levels to continue"

Mike Pedersen, Director of Operations

Plains Midstream, ON
2.200 m² Water Storage Facility (Fire Protection)

Chile

Compania Minera Collahuasi
15.000 m² ILS, PLS, Refino

ENAP Refinery
2.400 m² Wastewater facility

ENAP Refinery Bio-Bio
2.500 m² Wastewater facility

ENAP Refinery Con-Con
2.700 m² Wastewater facility

Lomas Bayas
6.400 m² Tailing Pond

Xstrata Copper
15.000 m² Tailing Pond

Denmark

A/S Dansk Shell, DK-7000
Combineering A/S, DK-3460
Gartneriet PKM A/S, DK-5270
Gartneriet Pedersen A/S, DK-8362
Lemvig Vand og Spildevand A/S, DK-7673
Ringkøbing-Skjern Forsyning A/S, DK-6950
Sorø Forsyning A/S, DK-4295
Sashimi Royal, DK-7730
Holbæk Spildevand A/S, DK-4300

Holbæk Spildevand A/S, DK-4300

"We have Thermophilic digested biological sludge, digested at 55 degrees. This is done in the digester, from which the sludge is fed to a open storage tank.

Subsequently the sludge is dewatered, and the water from the dewatering is led to an "Anita Mox® process. This process should preferably stay above 18° degrees, so it is important that the temperature does not drop too low in the storage tank. To avoid this, we have installed Hexa-Cover® and by doing this we have reduced the heat loss in the storage tank. The temperature of the Anita Mox® process is raised from 17.2° C to 19.7° C (measured from January to February 2013), despite temperatures down to -15° C"

Henrik Thygesen, Coordinator – Operations



Nordic Sugar A/S, DK-4900:
1.300 m² wastewater reservoir

"We chose Hexa-Cover® for covering our pool for several reasons.

First of all the Hexa-Cover® ensure an effective reduction of odors but also because the solution is simple and straightforward. The Hexa-Cover® is poured in, and automatically they create a coherent cover and automatically adapt to changes in the water level. The lifetime of 25 years was another factor.

We are very pleased with the choice of Hexa-Cover®"

Ture Kliving, Environment Responsible



Rockwool International A/S, DK-9500
2 x 1.250 water storage tanks

"We are now experiencing a significant difference. There is no clogging of filters because of algae and this means no stoppages at the plant, which again means huge savings in our operational costs. Furthermore, the Hexa-Cover® Floating Cover solution is - compared to i.e. tents and tarpaulins as several industries are using to cover large containers - a much cheaper and easier solution."

In fact the Hexa-Cover® Floating Cover comes at around half the price of a traditional tent or tarpaulin and they are very easy to install and operate. You simply add the Hexa-Cover® Floating Cover into the container, and they distribute themselves automatically making a cover that needs no inspection and/or servicing."

So, all in all, we are very satisfied with the Hexa-Cover® Floating Cover solution

Christian Jensen, Process Manager

Ecuador

New Quito International Airport

France

Danisco France SAS, F-38360

Ondeo IS, F-30390

Rhodia Operations, F-38350 & F-69190

Sèche Eco Industries, F-53180

GDF Suez, F-60190

SI Group, F-62400

SODI (A Veolia company), F-13165

SOLVAY, F-69190

TMB Trivalonne / Trivalis, F-85118

Bristol-Myers Squibb UPSA, F-47520



Germany

Alte Kläranlage Leopoldstein, D-32805

BAUR Folien GmbH, D-87787

CBW Chemie GmbH, D-06803

Deponie Ecklak, D-25572

Deponie Rothmühle, D-97421

EVZA GmbH, D-39418

Hamburg Port Authority, D-21129

"We are very satisfied with the Hexa-Cover® Floating Cover. The Hexa-Cover® serve their purpose to reduce the amount of light in the water and thus plant growth in the pond, very well"



Hausmülldeponie Süplingen, D-38373

Henze Harvestore GmbH, D-59425

Kläranlagen Edingen, D-35764

LIPP GmbH, D-73497

Miele & Cie KG, D-31275

Olbert Werksvertretung, D-99958

OMW Deutschland GmbH, D-84489
1.200 m² water storage facility

Plastic Union, D-57234

ReFood GmbH, D-98634

Rheinmetall Nitrochemie AG, D-84544

Schlickdeponie Feldhofe, D-22113

STEAG New Energies GmbH, D-66115

Suiker Unie GmbH & Co KG, D-17389
2 x 2.500 m² wastewater reservoir

TOTAL Raffinerie Mitteldeutsch GmbH, D-06237:
2.300 m² water storage tank (emergency)

TAV Ludvigslust, D-19288

SKZ-TeConA GmbH, D-97076:

*"At SKZ we installed the Hexa-Cover® Floating Cover in a 95° C test facility.
The development of moist, and the evaporation is reduced significantly"*

India

ANIL Technoplus Ltd

Ireland

Ballinagard Water Treatment Plant, Roscommon

Irish Water, Dingle, Co. Kerry

Municipal Wastewater Facility, CO, Kilkenny

Roadbridge Civil Engin. (Corrib Onshore Pipeline)

O'Neills Sportswear, Dublin

"We are very happy with the performance of the Hexa-Cover® Floating Cover, the odor problem has disappeared"



Italy

Eni Versalis SpA, I-96010
ERG SpA, I-95121
ERREGIERRE SpA, I-24060

HERA Impianto S.r.l., I-40128
1.300 m² Wastewater reservoir

IAS Industria Acqua Siracusana SpA, I-96010
Mare Dynamics S.r.l., I-51012

Kazakhstan

Ozenmunaigas

Kaz Minerals, Aktogay:
4.000 m² PLS reservoir



Mexico

Compañía Minera Cuzcatlán
104.000 m² Tailing Pond



Morocco

ONEE
4.000 m² + 5.000 m² leachate reservoirs

Netherlands

Galoo N.V., NL 8930
Mienis Waterzuivering, NL 2441
Moerdijk, NL 4782



Norway

Wepco AS, N-4029



Portugal

L.I.A.R., Vila Do Conde

Romania

Comuna Costinesti



Apa Nova (Veolia / OTV group)

Spain

Alsina, E-43439

La Cherneca, E-06290

Roiger, E-25242

Tecnoaliment, S.L., Pobla de Segur, Lleida

"We have a water storage facility of about 10.000 m³ located in La Pobla de Segur (Lleida). For obvious reasons, water evaporation is very important in this area because of the height above sea level. Therefore, we were looking for a solution to reduce this loss. As the water level in the reservoir varies a lot, the solution chosen would have to allow also to adapt to this.

Based on the above, we chose to cover the reservoir with the Hexa-Cover® Floating Cover as this solution offers all the required features we requested.

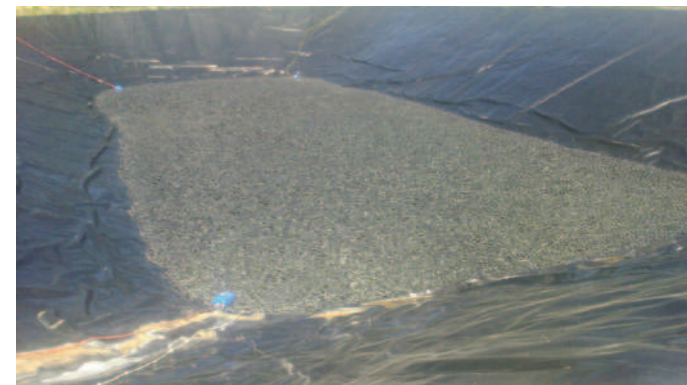
After the installation we have seen a significant reduction in evaporation of around 75-80% which represents an extra saving of water for us.

In addition, we have noticed a significant improvement in water quality as Hexa-Cover® Floating Cover also is very effective in stopping the growth of algae - there is simply no penetration of light into the water which means no growth of algae, what entails a significant increase in water quality. This improvement in water quality means a significant saving in chemicals to treat water and also an improvement in the supply without seals in the filters.

For all this, we can say that we have found the ideal solution. Indeed, the Hexa-Cover® Floating Cover is very effective, very easy to handle and does not require any additional service, maintenance or supervision.

Hexa-Cover® is highly recommended and represents a good long-term investment"

Joan Ramon Porta, Director



Atlas Gestión Medio Ambiental, S.A. (Barcelona, Spain) chose Hexa-Cover® to reduce the odor level in two leachate ponds from a hazardous waste controlled landfill

"To reduce odors, we chose the Hexa-Cover® floating cover for our 2 leachate ponds.

The main reasons for choosing Hexa-Cover® were its ability to reduce odors and that it is a solution that does not require permanent structures, and therefore minimizes the installation and maintenance costs associated with this type of roof.

Even the installation is very simple and simple, Hexa-Cover® is launched directly into the ponds and each of the elements are distributed and placed automatically creating a uniform cover.

Another important aspect is the automatic adaptation to any change in the liquid level.

We are very pleased with the choice of Hexa-Cover® Floating Cover"

Xavier Mundet , Director General



Switzerland

Carbura Tanklager AG, CH-8353

TAMOIL S.A., CH-1868

Taiwan

Today Water Equipment Co., Ltd

Turkey

ADAPAZARI SEKER FABRIKASI A.S.
(6.100 m² wastewater basin, sugar manufact.)

USA

Allegheny Surface Technology, Lewis Run, PA
American Crystal Sugar, MN

Austin Staubel International Airport, WI
2.185 m² Deicing Storage Pond

Berner Foods, Inc, Dakota, IL
Bureau of Land Mgmt, Kanab, UT

DeBuque Water Station, CO
10.500 m² Water Storage Reservoir

Flour B&W LLC, OH

Gallatin Public Utilities, TN

Golden Eagle Refinery (Tesoro Refining), CA
1.800 m² Water Reservoir

Henderson Water Utility, KY

HP Thompson, Francesville, IN
1.950 m² Wastewater reservoir

Iron City Pipe, OH

La Creole Orchards, Dallas, OR

Medaryville Wastewater Facility, IN

MetCon LLC, PA

MidAtlantic Storage Systems
2.315 m² Frac Water Tank, WV 26036

MidAtlantic Storage Systems
4.730 m² Frac Water Tank, WV 26301

Motiva Port Arthur Refinery, TX

Monroe WWTP, WI
1.235 m² Equalization Tank

Solutia, Inc, Springfield, PA

Washington Sub. Sanitary Commission, MD

Westar Energy, Inc., Emporia, KS



Napa Berryessa Resort Improvement, Napa, CA

Napa Berryessa Resort Improvement, chose Hexa-Cover® Floating Cover for a wastewater application for controlling odor, algae and evaporation

Hexa-Cover® Floating Cover is installed at Lake Berryessa Wastewater Treatment plant, 1465 Steele Canyon Road, Napa. The application is to cover two concrete equalization basins.

Process:

Raw sewage from homes and resort, flow from gravity and lift stations into headwork's Lakeside Spiral Screen, screened water into two equalization basins with Hexa-Cover® Floating Cover, then to Ovivo MBR, to effluent basin or alternate overflow basin, then pumped to reservoir off site for land application.

Plant flow capacity approximately 30.000 GPD now and at build out 60.000 GPD.

"The visit to the plant was a bit amazing. There was no odor from the "Hexa-Covered" EQ Basins. These EQ basins have very high odor potential and algae potential because of the heavy nutrients coming off the screen. There was no algae, the discs as advertised interlocked, they floated up and down with no problem, and could not help but reduce evaporation."



A solid cover presented safety issues, the discs did not. Summit Engineers was going to put aeration in these basins but saw a sample of the Hexa-Cover® product, called references then recommended the Hexa-Cover® installation. It penciled out better than aeration. That was important to this design build project, which Western Water Constructors, Inc. did with Summit.

Adjacent to these equalization basins are the effluent basin and overflow basin. These two basins were covered with algae.

The point; the Hexa-Cover® Floating Cover eliminates algae!

As proof, side by side basins, same plant, same time, two "Hexa-Covered" basins without algae and two uncovered basins with heavy algae. Also, no odor from the EQ basins.

The discs arrived in large sacks. Installation was simple; they simply dumped the discs into the basins. Installation was less than an hour. Contrast that to an aeration system"

**Iron City Pipe, OH**

Water Storage Facility
Controlling evaporation

MetCon LLC, PA

Acids
Controlling odor and emission

Washington Sub. Sanitary Comm., MD

Wastewater
Controlling organic growth

Westar Energy, Inc., Emporia, KS

Water Storage Facility
Controlling organic growth and evaporation

Motiva Port Arthur Refinery, TX

Water Storage Tanks
Organic growth and reduction of chlorine use

Austin Staubel International Airport, WI

2.185 m² Deicing Storage Pond
Controlling odor + Bird Deterrent

Berner Foods, Inc, Dakota, IL

Wastewater
Controlling odor

Medaryville Wastewater Facility, IN

Wastewater
Controlling odor

Bureau of Land Mgmt, Kanab, UT

Livestock and wildlife watering
Controlling organic growth and evaporation

La Creole Orchards, Dallas, OR

Water Storage Tank
Controlling organic growth and evaporation

Monroe WWTP, WI

1.235 m² Equalization Tank
Controlling odor

Project by MidAtlantic Storage Systems

2.315 m² Frac Water Tank, WV 26036
Bird deterrent, organic growth and evaporation

Project by MidAtlantic Storage Systems

4.730 m² Frac Water Tank, WV 26301
Bird deterrent, organic growth and evaporation

Flour B&W LLC, OH

Propylene Glycol
Controlling heat loss (insulation)

Solutia, Inc, Springfield, PA

Chemicals
Controlling odor



Triple E Farms, IL

Slurry tank
Controlling odor and emission

"I installed the Hexa-Cover® Floating Cover on my new 67' diameter Slurrystore in June 2009. It spread out just like the company video shows! I have another Slurrystore that I try to maintain a straw bio-cover on.

The Hexa-Cover® Floating Cover structure has less odor because its surface is almost completely covered while some of the straw has sunk or moved in my other structure. The straw also adds to the solids in the structure.

The Hexa-Cover® Floating Cover looks like they will last a long time. I believe that over time, the Hexa-Cover® Floating Cover will be more economical and more effective than a bio-cover.

Unlike a bio-cover or fabric cover, the Hexa-Cover® Floating Cover should also be maintenance free for many years"

David Erickson



Bob Heers, MN

Slurry lagoon
Controlling odor and emission

"We have found the Hexa-Cover® to be a simple and effective solution for covering our manure pit. The individual tiles disperse across the entire surface and align themselves to form a free floating cover that requires no maintenance or upkeep. Our experience leads us to believe that this cover is virtually indestructible and will have a extremely long lifespan"

Bob Heers, Heers Family Farm, Owatonna



Von Holten, IL

Slurry tank
Controlling odor and emission

Koster, IL

Slurry tank
Controlling odor and emission



South America

Brazil

Polenghi

Effluent
Controlling odor

Chile



AGROSUPER

A total of 115.000 m² slurry lagoons
Controlling odor and emission

ENAP Refinery

2.400 m² Wastewater Facility
Controlling odor and emission

ENAP Refinery Bio-Bio

2.500 m² Wastewater Facility
Controlling odor and emission

ENAP Refinery Con-Con

2.700 m² Wastewater Facility
Controlling odor and emission



Xstrata Copper / Lomas Bayas

6.400 m² Tailing Pond
Controlling evaporation

Xstrata Copper / Lomas Bayas

15.000 m² Tailing Pond
Controlling evaporation

Compania Minera Collahuasi

15.000 m² ILS, PLS, Refino
Controlling heat loss

Mexico

Compañía Minera Cuzcatlán

104.000 m² Tailing Pond
Controlling evaporation



Ecuador

New Quito International Airport

Water Recovery Reservoir
Bird deterrent, controlling evaporation and organic growth

Canada

Close to 3.000 installations for the Hexa-Cover® Oil & Gas technology, for i.e.:

Reduce tank vent emissions such as BTEX Benzene, Toulene, Ethylbenzene and Xylene

Lower tank head space vapour load burdens

Reduce water vapour

Reduce heat loss

Insulation for liquid surfaces

Reduce offensive and carcinogenic BTEX odours

Reduce expensive defoaming chemicals

Reduce energy consumption

Syncrude Canada Ltd.

Harold Marcus Terminals, Inc.:

"In an attempt to reduce fuel odors, and benzene emissions, it was decided to install a Hexa-Cover® Floating Cover system, supplied by Greatario, on one of our transmix tanks (gas & diesel mixed), here at the Marcus Terminal in January 2016.

The tank chosen is a 4000 bl. tank, measuring 30 feet wide and 32 feet high. Installation was facilitated through a 24 inch manway cover on top of the tank, where by a large nylon bag containing 1.200 individual hexagonal, interlocking "pucks", was suspended over the manway, using a crane, and the tie on the bottom of the bag released, dispensing the 1.200 pucks in the bag, into the tank, in a matter of seconds. This procedure was repeated for three bags, and in the space of an hour and a half, the installation was complete. A box of 24 additional pucks was supplied and added as the covers came together and interlocked on the fluid surface, exposing gaps.

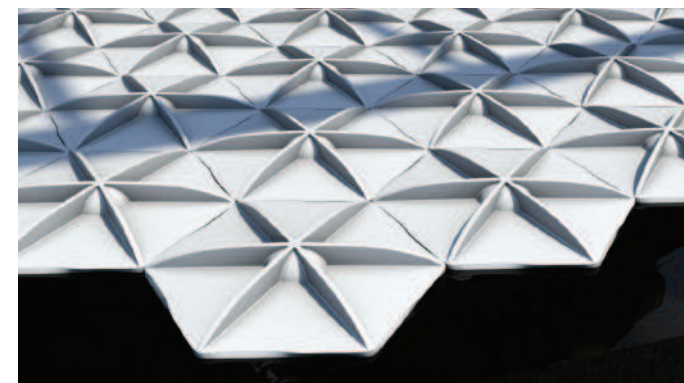
Since the cover has been installed, it has been observed that odor in the headspace, of the tank has been reduced by an estimated 90%, and around the exterior of the tank, the odor is at times, nonexistent.

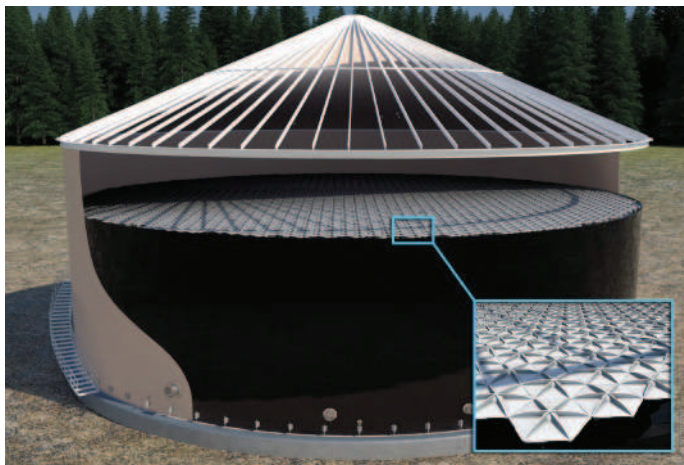
Testing of benzene emissions in the headspace of the tank, is ongoing, with preliminary results Indicating a reduction of 60 %.

To date, we are very pleased with the performance, and simplicity of Greatario's Hexa-Cover® Floating Cover that we have installed on our transmix storage tank"

John Barnes, Harold Marcus Terminals, Inc.

October 2017 Harold Marcus Terminals covered another tank with Hexa-Cover® Floating Cover





CNRL - Canadian Natural Resources Ltd

"Due to the viscosity of produced heavy oil, we need to heat our storage tanks to 80°C in order to liquefy the oil for transport. Our goal was to reduce the amount of fuel consumed to maintain the temperature in our heavy oil production tanks.

The storage tanks are already insulated but a void space exists between the top of the oil and the top of the storage tank where heat rises and escapes. I

In order to prevent heat loss and improve cost effectiveness, Canadian Natural and a joint venture partner created and tested the installation of a

floating blanket that insulates the oil and contains the heat.

This floating blanket consists of several hundred polymer, hexagonal interlocking tiles. Implementation of this floating blanket created a fuel savings of approximately 20 per cent.

By consuming less fuel, we expect to avoid over 27kt CO₂e/year of emissions over the 10-year life of the project.

To date, Canadian Natural has installed these floating blankets in over 1,100 heavy oil wells and intends to continue installing them in most of our heavy oil production tanks"

China

Sinopec, Yanshan Facility
Heated Diesel Production Tank

Chile

ENAP Refinery
2.400 m² Wastewater Facility

ENAP Refinery Bio-Bio
2.500 m² Wastewater Facility

ENAP Refinery Con-Con
2.700 m² Wastewater Facility

Denmark

A/S Dansk Shell, DK-7000

France

SODI, F-13165 (A Veolia company)
Horizontal diesel tank

Germany

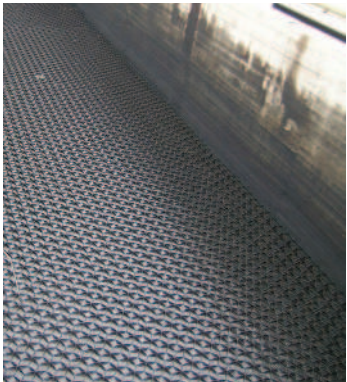
TOTAL Raffinerie Mitteldeutsch.GmbH, D-06237
2.300 m² Water storage facility





Italy

ERG SpA, I-95121



Kazakhstan

Kaz Minerals, Aktogay:
4.000 m² PLS reservoir

Ozenmunaigas

Switzerland

Carbura Tanklager AG, CH-8353

TAMOIL S.A., CH-1868



USA

Golden Eagle Refinery (Tesoro Refining), CA
1.800 m² Water Reservoir

MidAtlantic Storage Systems
2.315 m² Frac Water Tank, WV 26036

MidAtlantic Storage Systems
4.730 m² Frac Water Tank, WV 26301

