



HEXA-COVER®

SELECTED REFERENCES
WATER & INDUSTRY

PROVEN TECHNOLOGY SINCE 2004

MANUFACTURED IN EU, NORTH AMERICA AND AUSTRALIA

Certified for use with
potable water according
(AS/NZS 4020:2018)

Australia

3026 Laverton, VIC - 2 x water storage facilities
3875 Bairnsdale, VIC
3889 Bemm River, VIC - 2.000 m² raw water

4000 Brisbane, QLD - 1.100 m² water reservoir
4017 Brisbane QLD
4343 Lake Clarendon, QLD - 1.600 m² irrigation water

4625 Gayndah, QLD
4810 Townsville, QLD
4892 Laura, QLD

3998 Omeo, VIC - 4.300 m² raw water pond

Hexa-Cover® is installed for bird deterrent and for controlling growth of algae and evaporation

Water Corporation Western Australia, 6000 Perth
2.000 m² wastewater reservoir

"Water Corporation (WA) installed Hexa-Cover® in a wastewater treatment pond in Leonora, Goldfield 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

B-3300 - manufacture of sugar. 2 x industrial wastewater basins 5.000 m² + 5.700 m²

- B-3511 - water storage tank
- B-8600 - Industrial wastewater
- B-8700 - Industrial wastewater
- B-8755 - Industrial wastewater
- B-8830 - water tank, irrigation
- B-9831 - rainwater tank
- B-9850 - water storage tank

Brazil

- Rio Grande du Sul - wastewater (petrochemical)
- Sao Paulo - Industrial wastewater

Canada

- Cremona, AB
- Markham, ON
- Macoah, BC - 1.000 m² wastewater / WWTP
- Millbrook, ON
- Saskatoon, City of, SK
- Salluit, QC - gasoline tank
- Toronto, ON - 4.000 m² effluent lagoon

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

Chile

- Antofagasta - total of 26.000 m² water storage
- BioBio - 2.500 m² wastewater facility
- ConCon - 2.700 m² wastewater facility
- Iquique - total of 36.000 m² water storage ponds
- Lomas Bayas - 6.400 m² tailings ponds
- Lomas Bayas - 15.000 m² tailings ponds
- Santiago - wastewater (refinery)
- Santiago - 2.400 m² wastewater
- Tarapacá, Chile - 15.000 m² ILS, PLS
- Tarapacá, Chile - 2.400 m² water storage facility



China

Beijing - 1.000 m² contaminated wastewater (petrochemical industry)

Beijing - industrial wastewater (brewery)

Guangxi province - wastewater (chemicals)

Shandong Province - industrial wastewater

Shanghai - industrial wastewater (dairy)

Tianjin - industrial wastewater

Tianjin - 3.300 m² wastewater (petrochemical)

Colombia

Bogata - 1.320 m² industrial wastewater

Croatia

HR-31000 industrial wastewater

Czech Republic

CZ-471 29 - Industrial wastewater (Food & Bev)

Denmark

Holbæk Spildevand A/S

"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 -

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



Sashimi Royal, DK-7730

"Since 2017 we have used Hexa-Cover® in our sea water tank in order to control growth of algae.

Our conclusion is very clear; Hexa-Cover® is a very effective tool to avoid growth of algae as the sun is blocked from affecting the water. Further, the Hexa-Cover® is very easy installed, it requires no maintenance, no service and no repair.

Prior to choosing Hexa-Cover® we also considered a tank-top but as we are located right at the seafront, we realized that we needed a long lived solution in no risk of being damaged by wind. We are very pleased about Hexa-Cover®."

Christian Bidstrup, Technician



Rockwool International A/S, DK-9500

2 x 1.250 m² 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 (Bird Deterrent)

Estonia

EST-44106, Kunda - process water

Finland

FIN-99250 - CCD (counter current decantation)

France

F-03390 - leachate

F-03600 - retention tank

F-01150 - chemicals

F-01360 - chemicals

F-13117 - chlorinated solvents

F-13130 - chemical tank

F-13131 - chemicals

F-13773 - 1.400 m² industrial wastewater

F-26000 - water storage tank

F-26560 - water storage facility

F-29279 - industrial wastewater

F-30390 - 1.000 m² industrial wastewater

F-35500 - water storage, irrigation

F-36400 - wastewater

F-38150 - chlorine

F-38670 - VOC

F-40800 - industrial wastewater

F-57500 - 2 x retention tanks

F-59152 - water tank

F-59279 - 1.300 m² emergency tanks

F-60350 - 2.100 m² industrial wastewater

F-60190 - retention tank

F-60190 - industrial wastewater

F-68390 - industrial wastewater

F-69191 - chemicals

F-69583 - 850 m² industrial wastewater

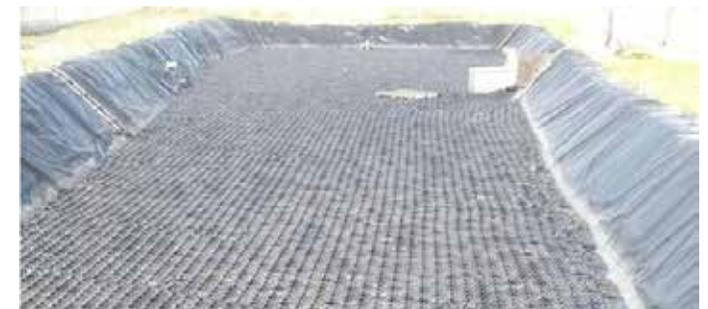
F-74156 - retention tank

F-75000 - rainwater retention basin

F-82700 - 1.800 m² industrial wastewater

F-93155 - diesel tank Hexa-Cover® Oil & Gas

F-93155 - water storage (storm water)



Germany

D-06237 - 2.300 m² emergency water tank
D-06237 - industrial wastewater
D-06803 - cooling water
D-17087 - wastewater
D-17091 - polluted surface water, compost. plant
D-17389 - 2 x 2.500 m² wastewater
D-18519 - polluted surface water
D-19288 - process water
D-22113 - leachate
D-24539 - water storage tank
D-25572 - leachate
D-31275 - process water
D-32805 - municipal wastewater
D-35764 - municipal WWTP
D-38106 - wastewater tank (WWTP)
D-38373 - municipal leachate
D-39418 - process water
D-47829 - chemical tank
D-66115 - process water
D-73497 - process water
D-84489 - 1.200 m² process water
D-87787 - industrial wastewater, brewery
D-97421 - municipal WWTP
D-98634 - industrial wastewater

Hamburg Port Authority, D-21159



"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"

M. Schadwinkel, Hamburg Port Authority

"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"

SKZ-TeConA GmbH, D-97076:

BAUR Folien GmbH, D-87787



"Before installing the Hexa-Cover® our customer - a brewery - had many complaints from neighbors about the odor.

After the installation the problem is solved"

Hungary

HU-2338 - water storage facility

HU-2344 - 5.000 m² industrial wastewater

HU-4300 - 6.000 m² water reservoir

India

Gujarat 380024 - industrial wastewater

Ireland

O'Neills Sportswear, Dublin

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



Listowel, Co. Kerry - industrial wastewater

Co. Meath - 1.127 m² wastewater, brewery



Israel

3.500 m² water reservoir, irrigation

20.000 m² water reservoir, irrigation

Italy

I-24060 - industrial wastewater

I-40128 - 1.100 m² industrial wastewater

I-51012 - industrial wastewater

I-67063 - industrial wastewater (Coca-Cola®)

I-95121 - industrial wastewater, refinery

Japan

Hakata area - industrial wastewater

Jordan

Amman - 7.900 m² water storage facility

Kazakhstan

Aktogay - 4.000 m² PLS reservoir

Almaty - 1.650 m² PLS reservoir



Korea

Seoul - wastewater

KSA

1.100 m² wastewater ponds (60-90° VOC)

Hexa-Cover® Oil & Gas Heavy Duty /Extreme Duty

4.800 m² - wastewater storage facility

Hexa-Cover® AP

Mexico

104.000 m² Tailing Pond



Morocco

Casablanca - 9.000 m² leachate reservoir, ONEE

Netherlands

NL-6167 - 10.600 m² industrial wastewater

NL-6170 - 16.000 m² industrial wastewater

NL-6170 - 9.000 m² industrial wastewater

NL-9936 - 1.000 m² industrial wastewater

Sitech Services B.V., NL-6167 / 10.600 m² industrial wastewater

"We are satisfied with the use of the Hexa-Cover® to cover up one of our proceswater bassins at the Chemelot site. The odor in the area has reduced drastically"

Jacky Vanholzaets, Technical Manager





Norway

N-4029 - chemicals

N-5954 - wastewater / crude oil



New Zealand

South Island - 1.040 m² sewage treatment pond

Northland - 7.000 m² wastewater lagoon



Portugal

Portel - Water tank (Irrigation)

Romania

Bucharest, Comuna Costinesti - wastewater

RO-07 - industrial wastewater

RO-700669 - SBR Tank

Spain

E-06220 - cooling water

E-08272 - hazardous wastewater

E-28300 - WWTP (pharmaceutical industry)

E-28830 - water tank (irrigation)

E-36006 - 1.720 m² effluent lagoon)

E-37420 - 2.000 m² leachate pond

E-43110 - styrene tank

E-43460 - industrial wastewater

E-44580 - water tank

E-50290 - water storage tank)

E-61 - solar plant, water basin (evaporation)

E-68 - solar plant, water basin (evaporation)

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

CH-1860 - water storage (Carbura Tanklager)
CH-6287 - water storage
CH-8353 - water storage (TAMOIL)
CH-8552 - water storage, irrigation

Taiwan

Taipei - municipal WWTP

Turkey

54000 Adapazari/Sakarya - 6.100 m² industrial wastewater (sugar manufacturing)



UK

DA11 - industrial water storage
EH27 - industrial wastewater

USA

Algona, IA 50511 - industrial wastewater
Bedford, IN 47421 - industrial wastewater
CA 95468 - water storage facility
Clarksburg, WV - 4.730 m² Frac Water Tank
Cleveland, OH - industrial wastewater
DeBuque, CO - 10.500 m² water storage
Dallas, OR - water storage tank
Dallas, WV - 2.315 m² Frac Water Tank
Emporia, KS - industrial wastewater
Francesville, IN - industrial wastewater
Gallatin, TN - municipal wastewater
Henderson, KY - industrial wastewater
Houston, TX - industrial wastewater
Green Bay, WI - 2.185 m² Deicing Storage Pond
Austin Straubel International Airport

Jackson, OH - industrial wastewater
Kanab, UT - water storage facility
Laurel, MD - industrial wastewater
Lewis Run, PA - water storage facility
La Porte, TX - contaminated water
Mesa Verde, 81330 CA - water storage facility
Medaryville, IN - industrial wastewater
Milkford, OH - 1.950 m² wastewater reservoir
Monaca, PA - industrial wastewater
Monroe, WI - 1.235 m² equalization tank
Moorhead, MN - water storage facility
Pacheco, CA - 1.800 m² water reservoir
Piketon, OH - water storage facility
Port Arthur, TX - water storage facility
Springfield, PA - water storage facility
St. Croix, USVI - 3.000 m² storage facility

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"

Austin Straubel International Airport

Green Bay, WI

2.185 m² Deicing Storage Pond

The Austin Straubel International Airport required a new cover for its open water storage pond, which is used for deicing and storm water retention.

Critical to the operation of the airport, the open water pond requires a cover to serve as a bird deterrent and to protect wildlife from the toxicity of glycol.

In addition, the glycol and other chemicals used in the airport maintenance generate strong odors which also need to be controlled.

The unique Hexa-Cover® offers unique features for odor control, algae control, evaporation control and heat retention. The patented design incorporates hexagonal discs constructed of 100% recycled polypropylene with interlocking edges and a buttressed profile that allows for self-leveling, adjustment and dispersion ensuring maximum surface area coverage in all conditions.

The cover was installed with minimal time, cost and equipment, providing almost instant coverage.



Installed in less than 4 hours, bags of discs were emptied into the basin and the cover immediately began serving as a bird deterrent, eliminating odors and keeping wildlife from coming in contact with potentially harmful de-icing fluids.

When the pond level fluctuates, the tiles lay on the pond slopes and bottom until the water level rises again.

What could have been a major problem is now a worryfree operation thanks to the Hexa-Cover® System.



For more information

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