



HEXA-COVER®

SELECTION OF REFERENCES

THE AMERICAS

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

North America

Canada

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

- * Reduce tank vent emissions
- * 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

Other projects, Canada:

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 (evaporation and organic growth)

Mike Pedersen, Director of Operations for Nakusp, looked at alternative solutions to control the massive amounts of algae in the pretreatment lagoon.

Familiar with the Hexa-Cover® Floating Cover, he 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"

Hexa-Cover® is manufactured in North America

Hexa-Cover® Floating Cover qualifies for EQIP-funding



USA

Algona, IA 50511 - industrial wastewater

Bedford, IN 47421 - industrial wastewater

CA 95469 - water storage facility

Clarksburg, WV - 4.730 m² Frac Water Tank

Cleveland, OH - industrial wastewater

Dakota, IL - 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 tank (wildlife)

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, CA

Wastewater (odor and organic growth)

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.



Agriculture

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

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.

David Erickson, IL

"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"

South America

Brazil

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

Colombia

Bogata - 1.320 m² industrial wastewater

Chile



A total of 115.000 m² slurry lagoons for controlling odor and emission

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

Ecuador

New Quito International Airport

Water recovery reservoir (Bird deterrent, controlling evaporation and organic growth)



Mexico

104.000 m² tailing pond (controlling evaporation)

Australia

3026 Laverton, VIC
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



Water Corporation Western Australia, 6000 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

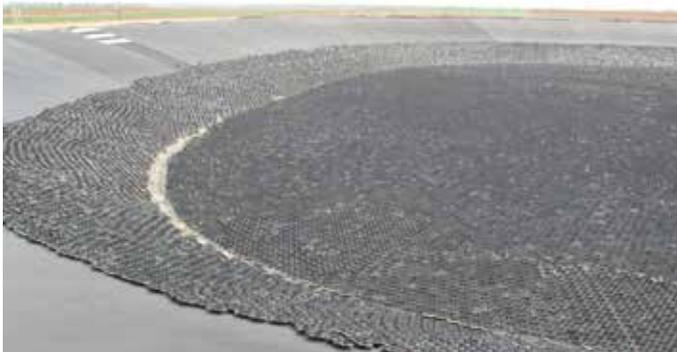




New Zealand

South Island - 1.040 m² sewage treatment pond

Northland - 7.000 m² wastewater lagoon



For more information

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