

## July 2019 Vol. 4

Author : GNA

### **GNA the Leading Geosynthetics eNews Magazine Covering the Worldwide Geosynthetics Industry**

---

#### **Geosynthetic Clay Liners: Perceptions and Misconceptions (KERRY ROWE)**

<http://geoeng.ca/members/Rowe/Rowe%2011ICG%20Keynote%20Lecture%202018.pdf>

#### **Design of Liner System for the Near Surface Disposal Facility [PDF] (Open Access)**

<http://geoeng.ca/members/Rowe/Priyanto%20et%20al%20NSDF%20liner%20WM%20Symp%2020191.pdf>

#### **Effect of Liner Temperature on the Long Term Stress Cracking of HDPE Geomembranes Under Simulated Field Conditions [PDF]**

[http://geoeng.ca/members/Rowe/Abdelaal\\_Rowe\\_Brachman\\_11ICG%202018.pdf](http://geoeng.ca/members/Rowe/Abdelaal_Rowe_Brachman_11ICG%202018.pdf)

#### **Hydration/Dehydration Behavior of GCLs Under Extreme Cold Environments [PDF] (Open Access)**

<http://geoeng.ca/members/Rowe/Guzman%20et%20al%2011ICG.pdf>

#### **Effect of Bentonite Mass per Unit Area on the Desiccation of GCLs Under High Temperature and Low Overburden Pressure [PDF]**

[http://geoeng.ca/members/Rowe/Yu\\_El-Zein\\_Rowe%2011ICG%202018.pdf](http://geoeng.ca/members/Rowe/Yu_El-Zein_Rowe%2011ICG%202018.pdf)

#### **Factors Affecting the Service-life of HDPE Geomembranes in an Low Level Radioactive Waste Disposal Facility [PDF]**

<http://geoeng.ca/members/Rowe/Rowe%20et%20al%20SI%20of%20HDPE%20in%20LLW%20WM%20Symp%202019.pdf>

#### **Considering Geosynthetic-Reinforced Piled Embankments as Cemented Material Dam (CMD) Foundation [PDF]**

[https://www.researchgate.net/profile/Ehsan\\_Badakhshan/publication/...../Considering-geosynthetic-reinforced-piled-embankments-as-Cemented-Material-Dam-CMD-foundation.pdf](https://www.researchgate.net/profile/Ehsan_Badakhshan/publication/...../Considering-geosynthetic-reinforced-piled-embankments-as-Cemented-Material-Dam-CMD-foundation.pdf)

#### **Correlating the Hydraulic Conductivities of GCLs with Some Properties of Bentonites**

<http://www.koreascience.or.kr/article/JAKO201824236534955.page>

**Performance Issues of Barrier Systems for Landfills (Get Access to Full Text)**

<https://www.springerprofessional.de/en/performance-issues-of-barrier-systems-for-landfills/16884300>

**Active Cover Lining For Contaminated Site with Huesker's Tektoseal™ Active AC**

[https://www.huesker.com.au/fileadmin/Pictures/Press/AUS/Case\\_Studies/Jobreport\\_K20\\_ENG.pdf](https://www.huesker.com.au/fileadmin/Pictures/Press/AUS/Case_Studies/Jobreport_K20_ENG.pdf)

**Jaylon Appointed Distributor for Automated Daily Landfill Cover System**

<https://www.insidewaste.com.au/index.php/2019/06/01/automated-daily-cover/>

**Jaylon Can Prefabricate and Install Temporary Landfill Covers**

- <https://www.insidewaste.com.au/index.php/2019/06/01/landfill-liners-and-covers/>

- <https://www.insidewaste.com.au/index.php/2019/06/01/temporary-landfill-covers/>

**Queensland Uni Study on Properties and Performance of Geogrid and Geocomposite as Subgrade Reinforcement in Granular Pavements**

<https://eprints.qut.edu.au/129219/>

**Geocomposite Pozidrain™ Roadway Drainage Australian Caste Study**

<https://www.geosynthetics.com.au/pozidrain-roadway-drainage>

**Australian Company Receives Australian mining contract – now valued at \$21.4 million for supply and installation of HDPE Liner**

<https://www.mining.com/insituform-technologies-receives-expanded-australian-mining-contract-now-valued-at-214-million/20/>

**SG Airport Runway Reconstruction Making Good Progress with Geomembrane Installation**

<https://www.890kdxu.com/sg-airport-runway-reconstruction-making-good-progress/>

**\$300,000 to line nearly 9,000 feet of an Earthen Canal with Concrete Lining over a Geomembrane Liner to Address Seepage Losses**

- <https://kozi.com/reclamation-awarded-grants/>

- [http://www.ifiberone.com/columbia\\_basin/two-columbia-basin-irrigation-districts-awarded-k-to-help-communities/article\\_962f391c-9dc5-11e9-a1e2-9bf868c6d708.html](http://www.ifiberone.com/columbia_basin/two-columbia-basin-irrigation-districts-awarded-k-to-help-communities/article_962f391c-9dc5-11e9-a1e2-9bf868c6d708.html)

**Contract Awarded for Sonoma Valley County Sanitation District Equalization Basins 1,2,3 and 4 Geomembrane Relining - Contract Amount: \$3,198,386**

Date Started: June, 2019

Contractor: TerraCon Constructors, Healdsburg, CA

<https://www.sonomawater.org/projects-in-progress>

**Benzene Seepage Through Cracked Compacted Mineral Liner of Municipal Waste Landfill**

<http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.baztech-f8de066a-8fac-415b-9aff-a521850abb51>

### **EPA Installs Geotextile Cap Over 40,000 cubic Yards of Contaminated Soil**

<https://www.kiro7.com/news/local/long-awaited-dune-peninsula-park-opens-saturday-in-tacoma/964493093>

### **Steady-State Analysis of Pollutant Transport to Assess Landfill Liner Performance**

<https://www.icevirtuallibrary.com/doi/abs/10.1680/jenge.19.00051>

### **Characteristics of Liner and Cover Material in Waste Landfill using VAE Geomembrane**

<http://www.koreascience.or.kr/article/JAKO201916936726257.page>

### **GRI Updates GRI GM-30 for Reinforced Composite Polyethylene (RCPE) Geomembranes**

<https://geosynthetic-institute.org/grispecs/gm30.pdf>

### **Effect of Cohesion on Internal Stability of Bilinear Geosynthetic-Reinforced Slopes**

<https://iopscience.iop.org/article/10.1088/1757-899X/542/1/012011/pdf>

### **Indian Geomembrane Supplier Now Offering Textured Liners**

[https://www.shahzada.net/shahzada\\_industries/smooth-geomembrane/](https://www.shahzada.net/shahzada_industries/smooth-geomembrane/)

---

### **Stay Up to Date with the Latest Geosynthetic News by Signing Up for the GNA Newsletter!**

<https://www.geosyntheticnews.com.au/subscribe/>

- GNA now has +30,000 views per month
- Articles published on GNA get thousands of views and are distributed widely through 3rd Party Affiliates
- GNA is now the most read source of Breaking News on Geosynthetics Worldwide
- Since GNA is published up to 12 times per month, no other source of Geosynthetic Industry News comes close to being as current and up-to-date
- In 2017 we have increased readership by 10,000+ though India, Africa and Asia
- Special Advertising Packages Available for Geosynthetic Manufacturers, Installers, and Service Providers.

### **ExcelPlas Geosynthetics Testing Expands Geosynthetic Testing Offerings**

ExcelPlas now performs more than 120 standard geosynthetic tests in accordance with relevant ASTM, GRI and ISO standards.

We have extensive experience with all types of geosynthetics - from geomembranes (HDPE,

LLDPE, fPP), geotextiles to geonets, geogrids, geocomposites and and geosynthetic clay liners (GCLs).

As a Nationally Accredited Testing Laboratory, our technicians, equipment and quality system are monitored regularly for proficiency and compliance assuring that you can count on quality results every time.

? Geosynthetic News Alerts - Your Global Source of Geosynthetic News and Technology. Current and Updated!

<http://www.geosyntheticnews.com.au>

Among GNA's objectives are:

- To promote and educate on the development of specifications and practices that help ensure the proper use of geosynthetics.
- To locate, interpret and disseminate new scientific research to manufacturers and users of geosynthetic materials.
- To enhance the knowledge and awareness of contemporary geosynthetic technologies amongst specifiers, users and installers.

? GNA – World's Leading Source of Breaking News on Geomembranes, Geotextiles and other Geosynthetics

**This Newsletter is brought to you by ExcelPlas Labs ? Australia's Largest group of Geosynthetics Testing Labs.**

<http://www.excelplas.com/>

GNA is currently sent to over 7500 Geosynthetic Industry Members Globally every week.

Any news requests should be sent to [john@excelplas.com](mailto:john@excelplas.com)

To subscribe, visit <https://www.geosyntheticnews.com.au/subscribe/>

GNA™ (Geosynthetic News Alerts™)

GBN™ (Geosynthetic Breaking News™)

GNAu™ (Geosynthetic News Australia™)  
GNAf (Geosynthetic News Africa™)  
GNC™ (Geosynthetic News China™)  
GNCa™ (Geosynthetic News Canada™)  
GNI™ (Geosynthetic News India™)  
GNInd™ (Geosynthetic News Indonesia™)  
GNU™ (Geosynthetic News United States™)

(c) 2019 Copyright ExcelPlas Labs ? and Geosynthetic News Agency