

# November 2017 Vol. 7

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## **GNA – World’s Leading Source of Breaking News on Geosynthetics**

**Your Global Source of Geosynthetic News and Technology - Current and On-trend!**

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.

### **Concrete Canvas Wins Samsung Innovation Award (Breaking News)**

<https://www.youtube.com/watch?v=Tra23FRf6DM>

### **Why Geocells Outperform Geogrids for Road Construction (by Presto)**

<https://www.prestogeo.com/blog/why-geocells-outperform-geogrids-for-road-construction/>

### **EPA Shuts Down Gold Plant Immediately following the Rupture of Geomembrane of the Tailing Storage Facility (TSF)**

<https://www.faapa.info/blog/epa-reports-on-chemical-spill-in-bong/>

### **Effects of a Very Low pH Solution on the Properties of an HDPE Geomembrane (New Research)**

<http://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.17.00037>

### **Seeking Sales Engineer for Geosynthetics Engineering Management Applications (Australia wide)**

<https://plus.google.com/113049778599418262487/posts/WRuz6PHjuwA>

### **Typical Design Approaches for Geosynthetic Landfill Capping (by Maccaferri) [PDF]**

<https://www.imesa.org.za/wp-content/uploads/2017/11/Paper-7.pdf>

### **State-Of-The-Art Review of Geosynthetic Clay Liners [PDF]**

<http://www.mdpi.com/2071-1050/9/11/2110/pdf>

### **Geosynthetic Products Produce a Sealing Barrier for Diverse Applications**

<http://www.engineeringnews.co.za/article/geosynthetic-products-produce-a-sealing-barrier-for-diverse-applications-2017-10-13>

### **Long Term Behaviour of PVC Sheet Membranes in Tunnels [PDF]**

<http://ats2017.com.au/wp-content/uploads/2017/11/GALLER-Long-term-behaviour-of-support-elements.pdf>

### **NEW Tensar AR-G System Consists of a Polypropylene Geogrid and Geotextile**

<https://www.geofabrics.co/products/tensar%C2%AE-ar-g>

### **Combination Technology Of Geotextile Tube And Artificial Beachrock For Coastal Protection [PDF]**

<http://www.geomatejournal.com/sites/default/files/articles/67-72-7144-Imran-Nov-2017.pdf>

### **Australian-First Landfill Design Wins Top Award**

Due to the piggyback and unstable subgrade nature of the project, special consideration needed to be adopted during design and construction of the synthetic lining portion of the works.

<https://www.publicinfrastructure.com.au/blog/australian-first-landfill-design-wins-top-award-57>

### **New Tender for Landfill Liner - Contract 2018/248T - Landfill Liner Design - Cell 9 SP2 (Newcastle)**

<https://www.tenderlink.com/newcastle/?&tenderer=2744.279&alltenders&asemin>

### **VIC EPA Updates Interim Position Statement on PFAS**

<http://www.epa.vic.gov.au/~media/Publications/1669%201.pdf>

### **Rockleigh (formerly Devilbend) Landfill Works Approval Application (DECLASSIFIED)**

<http://www.epa.vic.gov.au/our-work/licences-and-approvals/public-participation/featured-applications/~media/Files/Our%20work/Licences%20and%20approvals/Works%20approvals/Rockleigh%20landfill%20Grosvenor%20Lodge/Works-Approval-Exec-Summary.pdf>

### **Grosvenor Lodge Approved Works at Rockleigh Landfill to include:**

- \* increase in airspace over existing landfill cells 4, 5A, 5B-1, 5B-2 and 1A by 149,000 cubic metres
- \* extension of three new landfill cells (cell 6A, 6B and 6C) north of the existing landfill cells increasing airspace by 456,000 cubic metres
- \* tie-in of new cells with existing cells 4, 5A, 5B-1, 5B-2 and 1A
- \* extension of the western sidewall liner adjacent to cell 4 increasing airspace by 45,000 cubic metres
- \* construction of a second leachate pond
- \* progressive installation of a final capping layer and vegetated soil cover over the final completed profile of the Rockleigh landfill and landfill extension

### **Problems and solutions for GCLs used in waste containment facilities: temperature concerns and polymer treatment related to GCLs used in waste containment areas [PDF]**

<https://link.springer.com/content/pdf/10.1007%2Fs41062-017-0095-2.pdf>

### **Geosynthetics Started a New Era in Geotechnical Engineering [PDF]**

<https://link.springer.com/content/pdf/10.1007%2Fs41062-017-0090-7.pdf>

### **Effect of Geogrid Reinforcement on Flexible Pavements [PDF]**

<https://link.springer.com/content/pdf/10.1007%2Fs41062-017-0102-7.pdf>

## **VideoCast on Geosynthetic Asphalt Reinforcement from Huesker (Video)**

<https://www.youtube.com/watch?v=cE0GbXGWgL8>

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

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

## **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 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.

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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.

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

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[http://www.geosyntheticssociety.org/corporate/company\\_details/12193/](http://www.geosyntheticssociety.org/corporate/company_details/12193/)

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

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