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Author : GNA

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

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<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>

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VideoCast on Geosynthetic Asphalt Reinforcement from Huesker (Video)

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

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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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ExcelPlas Geosynthetic Labs ? are a Corporate Member of the IGS (International Geosynthetics Society)

http://www.geosyntheticssociety.org/corporate/company_details/12193/

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