February 2022 Vol. 1

Author : GNA

GNA – The Most Widely Read Online Geosynthetics Publication
Time Sensitive Messaging for the Global Geosynthetics Industry

---

NEWSMAKERS: * AGRU * Amir Shahkolahi * ASTM * Comanco * EPDM * ExcelPlas * Fabtech * Freudenberg Performance Materials * Geofabrics * Geotest * Global Synthetics * GNA * GrantHelp * Jaylon * Joroen Berends * Igepal * IGS * Megaflo™ * MicroDrain™ * Nilex * REACH * Solmax * TenCate * Tensar * Texas Environmental Plastics * WaterShed Geo

INDUSTRY NEWS

Alaskan Landfill Closure Project - Case Study – Solmax
https://www.solmax.com/en/technical-library/case-studies/homer-landfill-closure-project-alaska

Comanco Delivers Solid Progress on North Florida Landfill Expansion with AGRU MicroDrain™ Liner
https://www.youtube.com/watch?v=j-fyjFWLvbs

Geotest Win Multiple Liner and Floating Cover Tenders in Australia
Wannon Water to Design Supply and Install 3 liners and 3 floating covers at Casterton, Dunkeld and Portland Water Storage Basin in Victoria.
Barwon Water to Design Supply and Install liner and floating cover at Highton Water Storage Basin in Victoria.
SA Water to Design Supply and Install liner and floating cover at Nettle Hill Water Storage Basin in South Australia.
Barwon Water to Design Supply and Install Biogas floating cover at Colac Water Reclamation Plant in Victoria. (Under Negotiation)
https://cloud.excelplas.com/s/b587gDlKyvfHNqc#pdfviewer

In Search of a New Stress Cracking Surfactant for HDPE Geomembrane Testing [PDF]
https://cloud.excelplas.com/s/NaaOkirQ6WlcAlt#pdfviewer

WaterShed Geo Patents Solar Energy System for Use with Tufted Geosynthetics on Sloping Ground
https://www.freepatentsonline.com/20220029578.pdf

Freudenberg Performance Materials Develops Geogrid Composite
https://www.nonwovens-industry.com/contents/view_breaking-news/2022-02-03/freudenberg-performance-materials-develops-geogrid-composite/

TenCate Supply Geocomposite Solution for Container Park in Mauritius
https://geosyntheticsmagazine.com/2022/02/03/geocomposite-solution-for-container-park-in-mauritius/

Geofabrics Receive $600K Grant to Expand Megaflo® Green Flat-Shaped Drainage Panel System Made From 100% Locally Sourced HDPE Polymer
https://www.geofabrics.co/news/modern-manufacturing-grant

Webinar – Lessons Learnt from Geogrid Reinforced Wall Failures (23 Feb 2022)
https://us06web.zoom.us/webinar/register/WN_9g5bfq2uRjSwTadyMvTfgA

GNA Advertising Works with Incredible Reach! – Download Media Kit in PDF Format
https://cloud.excelplas.com/s/RiEo5h0bDdC74fU#pdfviewer

What Are the Geosynthetic Technical Services Offered by Nilex?
https://nilex.com/news/what-are-technical-services-offered-nilex

Railway Ballast Geogrids Focus of AREMA's Tensar Tour
https://geosyntheticsmagazine.com/2022/02/04/railway-ballast-geogrids-focus-of-arema-tour-of-tensar/

GEOMEMBRANES

Puncture Behaviour of HDPE Geomembranes with Defects: Laboratory Investigation [PDF]
https://cloud.excelplas.com/s/vudk0ktHoNWx4TC#pdfviewer

Unfortunately the Durability and Aging Characteristics of an EPDM Liner are Less than HDPE for Most Environmental Conditions
https://geosyntheticsmagazine.com/2022/02/01/epdm-geomembrane-for-a-water-application/

Effect of Solid Waste Landfill Leachate Contaminants on Hydraulic Conductivity of Landfill Liners
https://iwaponline.com/wst/article/doi/10.2166/wst.2022.033/86811/Effect-of-solid-waste-landfill-leachate

GEOTEXTILES

Resisting Clogging with Geotextile Filtration
https://geosyntheticsmagazine.com/2022/02/01/resisting-clogging-with-geotextile-filtration/

GEOTEXTILE TUBES

Sampling a Geotextile Tube for Dry Tonnage
https://m.youtube.com/watch?v=x0uYui-SQj0

Geotextile Tube Dewatering of Sludge Residuals Saves $6M for Water Treatment Plant
https://bishopwater.ca/simple-residuals-management-system-saves-6-million-for-water-treatment-plant-2/

Geotextile Tubes Being Installed in India to Restore Shoreline
https://www.newindianexpress.com/cities/thiruvananthapuram/2022/feb/04/redemption-in-sight-for-thiruvananthapurams-shoreline-2414979.html

GEOGRIDS

Three Functions in One Product: New Geogrid Composite Saves Up to 50% of Installation Time
https://www.texdata.com/news/Composites/16138.html

Reinforcement over Soft Soils with High-Strength Geogrids
https://geosyntheticsmagazine.com/2022/02/01/reinforcement-over-soft-soils-with-high-strength-geogrids/

Influence of the Geosynthetic Type and Compaction Conditions on the Pull-out Behaviour of Geosynthetics Embedded in Recycled Construction and Demolition Materials
https://www.researchgate.net/publication/358049135-Influence-of-the-Geosynthetic-Type-and-Compaction-Conditions-on-the-Pullout-Behaviour-of-Geosynthetics-Embedded-in-Recycled-Construction-and-Demolition-Materials

Laboratory Study on Pressure Settlement Behaviour of Shallow Foundation on Bitumen Coated Geogrid Reinforced Soil Bed with Varying Percentage of Prestress
https://link.springer.com/article/10.1007/s42947-021-00147-6

Centrifuge Modelling of Geosynthetic-Reinforced Soil Retaining Walls Subjected to the Combined Effect of Earthquakes and Rainfall
https://www.sciencedirect.com/science/article/abs/pii/S0266114422000139

Monitoring of an Instrumented Geosynthetic-Reinforced Piled Embankment with a Triangular Pile Configuration
https://www.tandfonline.com/doi/abs/10.1080/23248378.2022.2032853?src=&journalCode=tjrt20

Performance Of Geogrid Reinforced Base Courses Of Flexible Pavements Overlying Soft Subgrades: Insights From Large-scale Model Experiments
https://geomatejournal.com/geomate/article/view/1493/2776

Geogrids in Road and Airfield Pavement Technology
https://www.springerprofessional.de/road-and-airfield-pavement-technology/20081708

Evaluating Long-Term Benefits of Geosynthetics in Flexible Pavements Built Over Weak Subgrades by Finite Element and Mechanistic-Empirical Analyses
https://www.sciencedirect.com/science/article/abs/pii/S0266114422000127

NEW JOBS

Fabtech Seeking Geomembrane Welder for Brisbane Project
https://www.seek.com.au/job/55805364?type=standout

Jaylon Seeking Estimator for Geomembrane Installation
https://au.linkedin.com/jobs/view/estimator-civil-engineering-at-brunel-australasia-2900693046

Geofabrics Seeking Business Development Manager - Pavement
https://www.seek.com.au/job/55726942?type=standout

Geotest Seeking Experienced Geomembrane Technicians (Press Release)

https://cloud.excelplas.com/s/rrRWYs909Yhxl3r#pdfviewer

Geotest Seeking TECHNICIANS for Geomembrane Industry in Adelaide – SEEK
https://www.seek.com.au/job/55795307

Texas Environmental Plastics Seeking Geomembrane Installation Field Supervisor
https://www.ziprecruiter.com/c/TEXAS-ENVIRONMENTAL-PLASTICS,-LTD/Job/Field-Supervisor/-in-Copperas-Cove,TX?jid=f0467f765a9b4735&lvk=KA4MxWRtKBaUalQd4ZxK_A.--MM9pfEsC7

WHY READ GNA?
Key topics that GNA covers includes (but are not limited to):

- Global trends and forecasts in geosynthetics
- Material innovations in geosynthetics
- Emerging products or technologies in geosynthetics
- Competitive landscape in geosynthetics
- New and Emerging Market Trends in geosynthetics
- Business Intelligence for GNA Practitioners

https://www.youtube.com/watch?v=QCkE3q3sHPg

GEOSYNTHETIC DIGITAL MARKETING

How to Get Noticed by More Than 48,000 People in the Geosynthetic Space Across the Globe
GNA reaches over 48,000 people each month and this high level of audience engagement comes from years of creating content that matters to the geosynthetic industry.
We provide the industry's most reliable and current information and have the trust and attention of the leaders and decision-makers.
Not only can we help you get in front of our highly engaged audience, but we also have a

number of channels you can use to target your message – as well as the subject matter experts to put it all together.
https://www.youtube.com/watch?v=QCkE3q3sHPg

GNA – The Number One Online Geosynthetics Publication
Understand what is happening in the geosynthetics industry, with analysis of emerging trends & products, with market data and key contacts,
Receive updated information on geosynthetic trends and topics
Get thousands of key contacts in managerial and operational roles by the click of a button!
Providing the latest in news, views, and insights, it is a valuable and essential resource for the geosynthetic engineering and related construction industries
We deliver market news & information relevant to your business
Geosynthetic Intelligence is an evolving platform to address industry news, market challenges and trends
https://www.youtube.com/watch?v=QCkE3q3sHPg

Do You Have Any Geosynthetics Industry News? – Get in Touch
https://www.excelplas.com/contact-us/

Want More GNA?
https://www.geosyntheticnews.com.au/

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+ through 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 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
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) 2021 Copyright ExcelPlas Labs and Geosynthetic News Agency

GNA is owned and operated by ExcelPlas Pty Ltd. By subscribing to GNA you agree to receive regular GNA newsletters as well as the GNA platform using your email contact details to enhance the performance and functionality of GNA and its analytics reports. These email contact details allow GNA to track page views and create more targeted and relevant content. GNA provides an unsubscribe link at the bottom of each GNA newsletter.