

# May 2019 Vol. 2

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

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BHP Billiton Hit with \$7b Lawsuit for 2015 Brazil Dam Failure (Breaking News)

<https://www.news.com.au/finance/business/mining/bhp-billiton-hit-with-7b-lawsuit-for-2015-brazil-dam-failure/news-story/a29623383128a7a8b72e2474c4c34b76>

Case Study – GCL Installation at Gold Mine (One truck load of GCL's is equivalent to 150 truckloads of compacted clay!)

<http://nilex.com/sites/default/files/GCL%27s%20Installation%20Detour%20Gold.pdf>

Managing the Risk between Historic Underground Workings and an Active Open Pit using Geotextiles and SMART Markers (Newcrest Mining)

[https://www.researchgate.net/profile/Neil\\_Bar/publication/...../Managing-the-risk-between-historic-underground-workings-and-an-active-open-pit-using-geotextile-and-SMART-markers.pdf](https://www.researchgate.net/profile/Neil_Bar/publication/...../Managing-the-risk-between-historic-underground-workings-and-an-active-open-pit-using-geotextile-and-SMART-markers.pdf)

Spanish Geomembrane Manufacturer Securing Large Projects in Qatar Water Treatment in Qatar with 300,000 sqm Geomembrane ALVATECH BLUE HDPE 2 mm (from Sotrafa SPAIN)

<https://www.youtube.com/watch?v=-v7vdJ2CHEI>

Evaporation Lagoon in Alkarana – Qatar (Storage for Polluted water from oil and gas industry Dimensions: 1 km length and 300 m width lagoon installing 300.000 sqm geomembrane ALVATECH HDPE 3 mm thickness (from Sotrafa SPAIN)

<https://www.youtube.com/watch?v=T9uhQFlwh54>

Western Engineered Containment - The Highest Performance Polyurea Geomembrane in the Industry

<https://www.youtube.com/watch?v=s2YDiE22Rto>

New Type of Geocomposite Being Tested Polymer Fiber-reinforced Asphalt Concrete (PFRAC)

<http://www.ucprc.ucdavis.edu/PDF/UCPRC-RR-2019-01.pdf>

GSI White Paper 41 – Sustainability and Geosynthetics

<https://geosynthetic-institute.org/papers/paper41.pdf>

Large-Scale Direct Shear Testing of Geogrid-Reinforced Aggregate Base over Weak Subgrade (PDF)

[https://www.researchgate.net/publication/316548196\\_Large-Scale\\_Direct\\_Shear\\_Testing\\_of\\_Geogrid-Reinforced\\_Aggregate\\_Base\\_over\\_Weak\\_Subgrade](https://www.researchgate.net/publication/316548196_Large-Scale_Direct_Shear_Testing_of_Geogrid-Reinforced_Aggregate_Base_over_Weak_Subgrade)

Presentation Understanding Multi-Layer Interface Shear Testing (PDF)

<https://cloud.excelplas.com/index.php/s/1eOnOQ8HwTkNF09/download>

Video Presentation - Understanding Multi-Layer Interface Shear Testing (MP4) (237.9 MB)

<https://cloud.excelplas.com/index.php/s/B80Na8ljLYiQZ7l/download>

Tensar Geogrid Ensure Airport Runway Safety

<https://www.aviationpros.com/aoa/article/12396173/airport-perimeter-fence-security>

Evaluation of Recycled Concrete Aggregate as Backfill for Geosynthetic-Reinforced MSE Walls

<https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.19.00025>

MBA graduates quit their jobs to work on geosynthetic-lined rainwater harvesting, in just three years scored TATA Steel, SAIL, SIEMENS as its clients

<https://yourstory.com/smbstory/rainwater-harvesting-delhi-retas>

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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).

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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.

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

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

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