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Author : GNA

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NEWSMAKERS: * Catfish Mini-Dredgers * ExcelPlas * Geofabrics * Geotube * Huesker * IGS * Presto * SKAPS * Thiel * US GOVT.

Improvements in the Test Procedure for the Stress Cracking Resistance Test of HDPE [PDF]
http://cloud.excelplas.com/index.php/s/ULj3su2DDJkaeD2#pdfviewer

Design of Exposed Geomembrane-Lined Ponds by R. Thiel
https://www.rthiel.com/uploads/ngrey/Thiel.pdf

US Government Issues List of Qualified Producers/Manufacturers of Geotextiles
https://www.roads.maryland.gov/OMT/geotextiles.pdf

Catfish Mini-Dredgers Use Geotube Dewatering for Desludging of Waste Water Lagoons at Major Meat Works in South Australia
http://cloud.excelplas.com/index.php/s/aT1moc68CyM3bc4/download

Huesker Wins Australasian Land and Ground Water Association Award
Containment of K20 Contaminated Site Through a Multifunctional Active Cover Lining - Kristof Thimm (HUESKER Synthetic GmbH)
https://landandgroundwater.com/ecoforum/awards

Presto Rus Demonstrates Pulling tests for its GEOFORCE® Composite Anchors for Geocells (Video)
https://www.youtube.com/watch?v=auImBxaDLfA

Stabilization for Soft Soil Foundation by Geotextiles
https://www.springerprofessional.de/en/stabilization-for-soft-soil-foundation-by-geotextiles/17447966

Multilayer Anti-Seepage Liners Based on Bentonite Mats: Comparison of Their Effectiveness

https://link.springer.com/article/10.1007/s10749-019-01073-1

Assessment of Slope Instability of Canal with Standard Incomat Concrete-Filled Geotextile Mattresses Lining
https://www.sciencedirect.com/science/article/pii/S1110016819301310

Back-Analysis of the Full-Scale Trial Using FEA Simulation of Geogrid Stabilisation and the Geocell Mattress
https://link.springer.com/chapter/10.1007/978-981-15-2184-3_146

Two-Dimensional Analytical Solution for Organic Contaminant Diffusion Through a Composite Geomembrane Cut-off wall and an Aquifer
https://www.sciencedirect.com/science/article/abs/pii/S0266352X19304252

Effect of Geogrid Reinforcement on the Drying Shrinkage and Thermal Expansion of Geopolymer Concrete
https://onlinelibrary.wiley.com/doi/abs/10.1002/suco.201900299

Feasibility Study on the Use of Geosynthetics to Reinforce Buried HDPE Pipes Subjected to Localized Ground Subsidence
https://www.sciencedirect.com/science/article/abs/pii/S2214391219303150

COASTAL STRUCTURES: ROCK VS GSCS (Geofabrics Explains)
https://www.geofabrics.co/news/coastal-structures-rock-vs-gscs

Passive Dewatering with Geotube Containers Saves about $6 Million in Capital Costs
https://bishopwater.ca/slash-cost-of-residuals-management/

Fibertex South Africa Mitigating Imports, Enhancing Export Potential
https://www.engineeringnews.co.za/article/fibertex-south-africa-mitigating-imports-enhancing-export-potential-2019-11-29

SKAPS and Diab Enters Partnership for Production of PET Foam
https://www.composites.media/diab-and-skaps-enters-partnership-for-production-of-pet-foam/

Public Consultation Launched on Global Tailings Dam Standards
https://www.reuters.com/article/us-mining-tailings-standard/public-consultation-launched-on-global-tailings-dam-standards-idUSKBN1XP1AP

Three-Dimensional Internal Stability Analysis of Geosynthetic-Reinforced Earth Structures Considering Seismic Loading
https://www.sciencedirect.com/science/article/pii/S0267726119304981

Centrifuge Modelling of Geosynthetic-Reinforced Soil Walls at Failure
https://www.springerprofessional.de/en/centrifuge-modelling-of-geosynthetic-reinforced-soil-walls-at-fa/17447914

DH McMahon Groundwater Impact Assessment: Tumblong NSW Proposed Landfill
A 1 metre high engineered bund will be constructed on the northern and western boundary of the landfill, utilising compacted clay fill, these bunds, side slopes and floor will be subsequently covered with geosynthetic clay liner (GCL), high density polyethylene (HDPE) geomembrane and protection geotextile. A sump area for leachate collection and extraction will be constructed within Cell 1 and Cell 2. A series of slotted HDPE pipes laid within a minimum 300mm aggregate leachate drainage blanket will also be installed on the base of the landfill to collect and direct leachate into the two separate sump areas. Leachate will be pumped from the two landfill sumps via 400mm ID HDPE side riser where it will be carried via surface laid pipework to the clay, GCL and HDPE lined leachate storage dam. The leachate storage dam has been designed to meet the requirements of the NSW EPA Environmental Guidelines: Solid Waste Landfills (2016).
https://www.cgrc.nsw.gov.au/wp-content/uploads/2019/11/11-Groundwater-Impact-Assessment.pdf

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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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