

## August 2020 Vol. 2

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### **GNA - The Most Widely Read Online Geosynthetics Publication** *Reaching more Players in the Geosynthetic Industry*

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NEWSMAKERS: \* Concrete Canvas \* EPA \* ExcelPlas \* FGI \* GCCM \* Geofabrics \* IFAI \* IGS \* Miller Weldmaster \* PFAS \* SA Water

#### **Miller Weldmaster Enables In-House Production of Larger Liners (Video)**

<https://www.youtube.com/watch?v=MIWvejmsl5U>

#### **SA Water engages Geofabrics to Upgrade Infrastructure with PVC-Elvaloy Liners**

with the aim of delivering an additional 12 GL per year of recycled water for irrigation. Phase 2 was to construct recycled water storage infrastructure to the area north of the Gawler River, enabling a new major irrigation area to be built. The recycled water storage included two 200 megalitre earth bank storage ponds. The pond's storage capacity was designed to cater to future growth in the area, for at least the next twenty years. The improved performance is largely due to the Dupont Elvaloy® technology, which enables protection against weathering and UV resistance, whilst allowing the PVC alloy to maintain its flexibility.

<https://www.geofabrics.co/news/nais>

#### **Tracking Oxidation of HDPE and PP-R Liners - Determination of the Carbonyl Index of Polyethylene and Polypropylene Using Specified Area Under Band Methodology with ATR-FTIR Spectroscopy**

<https://www.degruyter.com/view/journals/epoly/20/1/article-p369.xml?language=en>

#### **South Australia EPA Publishes Guidelines on Disposal of PFAS Contaminated Waste**

[https://www.epa.sa.gov.au/files/14630\\_swr\\_pfas\\_application\\_faqs.pdf](https://www.epa.sa.gov.au/files/14630_swr_pfas_application_faqs.pdf)

#### **Reinforced Slope Failure: Material Properties and 3D Stability Analyses (21 August, 2020)**

<https://register.gotowebinar.com/register/5187976754266298125>

#### **Advanced Environmental Services is one of Australia's Foremost Suppliers and Installers of Concrete Canvas GCCM products**

<https://www.advancedns.com.au/environmental-protection/concrete-canvas>

#### **Effect of Inorganic Salt Solutions on Physical and Mechanical Properties of Bentonite**

### **Based Liner**

<https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29HZ.2153-5515.0000553>

### **Modelling and Prediction of Stress Relaxation for Thermal Bonded Nonwoven Geotextiles**

<https://link.springer.com/article/10.1007/s12221-020-9995-4>

### **Performance of Highway Embankments in the Arctic Corridor Constructed with Geotextiles under Winter Conditions**

<https://www.nrcresearchpress.com/doi/abs/10.1139/cgj-2019-0121#.XyklURMzYQ8>

### **Chemical Durability of Bituminous Geomembranes in Heap Leaching Applications at 55 deg.C**

<http://ifai.us/geo/proceedings/2019/pdfs/1143.pdf>

### **Applications of Leak Location Surveys in the Mining Industry**

<http://ifai.us/geo/proceedings/2019/pdfs/1147.pdf>

### **Protection of Building Against Soil Gas Infiltrations Using Drainage Geocomposites**

<http://ifai.us/geo/proceedings/2019/pdfs/1117.pdf>

### **Analysis of Geocell-Based Track Design for the Reduction of Stresses in the Track Substructure**

<https://link.springer.com/article/10.1007/s40515-020-00129-4>

### **GEOAFRICA 2022 - 4th African Regional Conference on Geosynthetics ANNOUNCED**

<https://geoafrica2021.org/>

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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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