

Geosynthetic Institute

475 Kedron Avenue Folsom, PA 19033-1208 USA TEL (610) 522-8440 FAX (610) 522-8441



June 2, 2017

Mr. Ryan Steele Agru America Inc. 2000 East Newlands Drive Fernley, NV 89408

Re: GAI-LAP

Dear Mr. Ryan Steele:

The Geosynthetic Institute (GSI) is pleased to acknowledge Agru-America Inc. on its repertoire of Geosynthetic Accreditation Institute's-Laboratory Accreditation Program (GAI-LAP) accredited tests. This letter should serve as notification that Agru-America Inc. located in Fernley, Nevada is currently accredited for the following fourteen test methods until June 30, 2018.

- 1. ASTM D792 Test Method for Specific Gravity (Relative Density) and Density of Plastics by Displacement
- 2. ASTM D1004 Test Method for Initial Tear Resistance of Plastic Film and Sheeting
- 3. ASTM D1204 Test Method for Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature
- 4. ASTM D1238 Test Method for Flow Rates of Thermoplastics by Extrusion Plastometer (2.16 kg and 190 degree Celsius)
- 5. ASTM D3895 Test Method for Oxidative-Induction Time of Polyolefins by Differential Scanning Calorimetry
- 6. ASTM D4218 Test Method for Carbon Black Content in Polyethylene Compounds by the Muffle-Furnace Technique
- 7. ASTM D4833 Test Method for Index Puncture of Geotextiles, Geomembranes and Related Products
- 8. ASTM D5199 Test Method for Measuring Nominal Thickness of Geotextiles and Geomembranes
- 9. ASTM D5397 Test Method for NCTL Stress Crack Appendix "A"
- 10. ASTM D5596 Test Method for Dispersion
- 11. ASTM D5994 Test Method for Core Thickness

- 12. ASTM D6693 Standard of Method for Determining Tensile Properties of Nonreinforced Polyethylene and nonreinforced Flexible Polypropylene Type IV die with cross head movement
- 13. ASTM D7466 Test Method for Measuring the Asperity Height of Textured Geomembranes
- 14. FTM 101C Test Method 2065 for Puncture

A certificate to this affect has been enclosed, signed and sealed. Any questions regarding your accreditation should be directed to George or Robert Koerner at (610) 522-8440. Once again congratulation and thank you for participating in the GAI-LAP.

Best Regards,

George R. Koerner, Ph.D., P.E. & CQA

Director