

Ryan Simpson Program Director CFRY/Mix 96.5/Country 93 Portage La Prairie (204) 239-2961

Dear Mr. Simpson,

Our team had the opportunity to view your article "RM Agrees to Remove Geotube® (changed to Geotextile Tubes) at Delta Beach". First, thank you for amending the product description by removing our involvement in this project. It is extremely evident that the tubes used in this project were not TenCate Geotube® containers, and unfortunately, had they used our technologies, this corrective action would not be necessary, and the project performance would have been greatly enhanced. After viewing the video, it is obvious that the fabric is not TenCate material. In this application, the use of a white, exposed fabric for flood protection adjacent to residential property would have been adamantly advised against. The correct Geotube® system for this application would have used our marine structure fabric comprised of either a dense green or tan pad covering the entire system. This application specific system protects the structure from sun damage (UV) and flood impact damage due to the extreme tensile capacity and dense cover durability. The other benefit, specific to the issue at hand, is the ability to hide the structure due to color matching based on the project surroundings while also collecting soil deposition for foliage growth. The following project photos highlight the ability of the Geotube® system to disappear into the surrounding environment while also creating a resilient structure. Sadly, it's very evident that the tubes used in this project were not created with this technology.



Picture 1: Golf Course Stormwater Protection (before)



Picture 2: Golf Course Stormwater Protection (after)





Picture 3: Hurricane Beach Repair New Jersey (Before)



Picture 4: Hurricane Beach Repair New Jersey (After)

Another fact evident from the video is the means of manufacture. TenCate Geotube® containers are fabricated with circumferential 6 needle seams that provide exceptional tensile strength to help with durability and project longevity. The tubes in this video have longitudinal seams down the length of the structure. This type of fabrication creates weak points along the face of the tube that will fail when subjected to the environment stresses in shoreline applications. In closing, the producer of the video and the article refers to the tubes in the video as a "Geotube". This is a misrepresentation of TenCate Geotube® branded products, and we request the producer and author of the article issue a retraction and clarify that the tubes are not a TenCate product nor do they meet the stringent TenCate fabrication and quality controls required for this type of installation.

The term Geotube[®] is the trademarked name of our systems utilizing very unique and effective technologies developed by TenCate over many decades. Due to the competitive nature of the contractor market along with the financial enticements using inferior materials, many times the designed structure does not match the final product. Ultimately, the outcome from this project is that the destruction of this needed flood mitigation structure would have been completely unnecessary had the appropriate material been utilized.

Thank you,

Brian Baillie

Commercial Director Americas

Environmental Infrastructure Group

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