

2024 Field Trip

Fiber Fragmentation in Textile Wastewater and How This Connects To Sustainability Strategies Hosted by ZDHC, The Microfibre Consortium and Materevolve



To showcase the latest advancements and collaborative efforts between [ZDHC](#) and [The Microfibre Consortium \(TMC\)](#) in reducing the formation and release of microfibers in the textile industry, this program aims to demonstrate practical applications and effective strategies that industry stakeholders can adopt to mitigate environmental impact and adhere to emerging sustainability standards in wastewater management and textile systems design. Co-curated with fiber fragmentation experts from [Materevolve](#), this experiential learning program will also highlight key research and integrated aspects of the impacts of fiber fragments with current brand sustainability strategies to deepen “The Case for Change”.

Beginning with a tour of a local wastewater treatment facility, we will learn about water treatment processes performed in the LA region including preliminary, primary, secondary, tertiary, and disinfection-dichlorination stages. Together, during the journey to Long Beach, we will compare and contrast LA regional operations with what we have learned about the global landscape of textile water treatment including digging deeper into the manufacturing guidelines developed by ZDHC and TMC.

Upon arrival in Long Beach, we will have a catered lunch overlooking the water while TMC gives an update on the analysis of fiber fragment release to quantify fiber loss from fabrics in simulated laundering, developed using the TMC Test Method.

After lunch, attendees will tour the leading plastic pollution lab Moore Institute of Plastic Pollution Research (MIPPR), getting hands-on experience in a lab. Following the lab tour at MIPPR, the bus will head back to the Pasadena Convention Center.

Field Trip Location: LA Water Basin

Duration of Tour: 9 hours

Date of Field Trip: Friday, November 1

Start Time: 8am

End Time: By 5pm

Who can attend? All are welcome. We especially encourage professionals who are working in materials development, sustainability, sourcing, design or product development to join.

Cost to Attendees: \$250 USD

What is included:

- Tour of Los Angeles Water Reclamation Facility in Glendale
- Tour of Moore Institute of Plastic Pollution Research in Long Beach
- Catered Waterside Lunch (Sandwich, Sides, Drinks)
- Bus Transportation to and from Pasadena (this is 60% of the cost)

Further information:

- Wear comfortable (not loose-fitting) clothing. Substantial, closed-in walking shoes are required for the WWTP tour.
- Lunch will be catered – you are welcome to bring additional food or snacks if you wish.
- Please bring a water bottle.

Please only sign up for this Field Trip if you intend to attend. Field Trip Hosts spend time and financial resources to provide this opportunity for our attendees. ***No-shows will be charged an additional \$100 USD to help the Field Trip host cover expenses.**

Textile Exchange is facilitating this Field Trip alongside the conference and is not responsible for any details of the trip being offered. Attendee contact information will be shared with the tour host for details and communication about the Field Trip.

Neither Textile Exchange nor the Tour Host are responsible for the negligence of attendees. Out of courtesy for others attending, the tour will remain on schedule as per the agenda outlined by the Tour Host. No exceptions will be made for late pick-ups, early drop-offs or any variants to the schedule. It is the sole responsibility of the attendee to ensure his or her travel is planned in accordance with the agenda shared by the tour host.