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## State Water Resources Control Board

April 27, 2022

Dr. Luciana Pereyra  
Trussell Technologies, Inc.  
380 Stevens Avenue, Suite 212  
Solana Beach, CA, 92075

Dear Dr. Pereyra,

This letter serves as notice that Trussell Technologies, Inc. has been approved for the use of estrogen receptor alpha (ER- $\alpha$ ) bioanalytical screening, using the Indigo Biosciences Human Estrogen Receptor Alpha Reporter Assay System, for monitoring for constituents of emerging concern pursuant to the Water Quality Control Policy for Recycled Water (Recycled Water Policy) as of the date of this letter.

Trussell Technologies received approval for the ER- $\alpha$  bioanalytical screening tool on March 5, 2021. Subsequently, Trussell Technologies requested approval for a modified method and submitted a validation package for the ER- $\alpha$  bioanalytical screening tool, using Indigo Biosciences cells, on February 18, 2022. This validation package demonstrated the utility of the ER- $\alpha$  bioassay in the following water qualities:

- Advanced treated wastewater
- Tertiary treated wastewater
- Groundwater recharged with Title 22 recycled water

Approval for the use of this bioanalytical screening tool is only for the purposes outlined in the Recycled Water Policy, Attachment A, and this approval does not extend to the use of this method for any other purpose.

Sincerely,



Tina Low

cc:

Yan Qu, Trussell Technologies, Inc.

Laura McLellan, State Water Resources Control Board

Randy Barnard, State Water Resources Control Board

James Bishop, Central Coast Regional Water Quality Control Board

Steven Webb, Los Angeles Regional Water Quality Control Board

Julio Lara, Santa Ana Regional Water Quality Control Board

Ben Neill, San Diego Regional Water Quality Control Board