

Non-Targeted Analysis of Reverse Osmosis Concentrate – March 2017

RMP staff will coordinate the development of the final study design and implementation of field sampling. Following publication of the technical report, RMP staff will also prepare a 1- or 2-page non-technical project summary to describe the results of this study and their implications for ROC management for RMP stakeholders.

Reporting and Deliverables

Data will be generated and analyzed by the analytical partner, Duke University, and reported in a technical report. Data produced through this study will be under publication embargo until data from the primary SCVWD study has been published. The final technical report for the SCVWD study is scheduled to be completed in November 2018.

Data will not be reported to SFEI in a standard data format, and additional data management or QA/QC procedures will not be conducted by SFEI. Results will not be saved or published in a local or public database.

Deliverables will include:

1. Technical Report – draft manuscript (Duke University) – Draft, November 2018; Final, 2019¹
2. 2-page plain-language fact sheet (SFEI) - Draft, December 2018; Final, March 2019

References

Jasper, J.T. and Sedlak, D.L. 2013. Phototransformation of Wastewater-Derived Trace Organic Contaminants in Open-Water Unit Process Treatment Wetlands. *Environmental Science & Technology*.

Jasper, J.T., Jones, Z.L., Sharp, O.J., and Sedlak, D.L. 2014. Biotransformation of Trace Organic Contaminants in Open-Water Unit Process Treatment Wetlands. *Environmental Science & Technology*. 48, 5136-5144.

Prasse, C., Wenk, J., Jasper, J.T., Ternes, T.A., and Sedlak, D.L. 2015. Co-occurrence of Photochemical and Microbiological Transformation Processes in Open-Water Unit Process Wetlands. *Environmental Science & Technology*. 49, 14136-14145.

Santa Clara Valley Water News. 2016. 2-Year Anniversary: Silicon Valley Advanced Water Purification Center Milestones. <https://valleywaternews.org/2016/08/19/2-year-anniversary-silicon-valley-advanced-water-purification-center-milestones/>

¹ The draft report will be distributed by email, not published on the website, so as to not jeopardize publication of manuscripts in a peer-reviewed journal. Publication of the final report as a manuscript will be dependent on the journal submission process.