# SSHCZO Metadata Worksheet

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| Data File Name | **GRO\_DataCall\_2014\_2016.xlxs** |
| Date Prepared | 4/12/2018 – *Date when sent to Data Manager for Posting* |
| Descriptive Title | Water chemistry data for the outlet of the Garner Run catchment. |
| Update Frequency | Annually |
| Abstract | Chemistry for water samples collected from the Shaver's Creek Watershed are presented as part of Shale Hills Critical Zone Observatory research. Samples were collected from the sandstone bedrock site, Garner Run (GRO). Grab samples were collected from the stream sites on a bi-weekly to monthly basis from June 2014 to February 2016. Samples were processed for major cations, anions, and general physiochemical parameters as soon as possible following collection. |
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| Data Value Descriptions | Detailed descriptions of analytes and units for each column are included in excel document. |
| Keywords | *Water chemistry* |
| Methods | Water samples collected according to standard methods, weekly to bi-weekly. Samples were analyzed using ICP-AES, IC, and a Shimadzu TOC Analyzer. |
| Sites | *GRO:*  N 40° 41' 32.892" W 77° 55' 41.052 |
| Publications | B. Hoagland, T. Russo, X. Gu, L. Hill, J. Kaye, B. Forsythe & S. Brantley (2017). Hyporheic zone influences on concentration-discharge relationships in a headwater sandstone stream. *Water Resources Research*. DOI: 10.1002/2016WR019717 |