# SSHCZO Metadata Worksheet

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| Data File Name | **SC\_2016StreamWaterData.xlxs** |
| Date Prepared | 4/18/2017 – *Date when sent to Data Manager for Posting* |
| Descriptive Title | Water chemistry data for main-stem of Shaver’s Creek |
| 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 four sites along the mainstem of Shaver's Creek: above Lake Perez (SCAL), below Lake Perez (SCBL), at the agricultural site, Cole Farm (SCCF), and near the stream outlet (SCO). Additional spring and groundwater samples were collected from Cole Farm. Grab samples were collected from the stream sites on a bi-weekly to monthly basis during 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 | *SCO:*

|  |  |
| --- | --- |
| 40.610686 | 78.006689 |

*SCAL:*

|  |  |
| --- | --- |
| 40.673619 | 77.902569 |

*SCBL:*

|  |  |
| --- | --- |
| 40.656772 | 77.918722 |

*SCCF:*

|  |  |
| --- | --- |
| 40.633572 | 77.941844 |

*SCCFUp:*

|  |  |
| --- | --- |
| 40.63525 | 77.937256 |

*CSp:*

|  |  |
| --- | --- |
| 40.635039 | 77.941928 |

*CFW1:*

|  |  |
| --- | --- |
| 40.633491 | 77.941958 |

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| Publications | n/a |