# SSHCZO Metadata Worksheet

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| Data File Name | **H6\_hydro.xlsx** |
| Date Prepared | 03/03/2015 |
| Descriptive Title | Shaver’s Creek Discharge and Water Chemistry |
| Update Frequency | Bi-monthly |
| Abstract | Surface water discharge data for sites within Shaver’s Creek above Lake Perez (SCAL), below Lake Perez (SCBL), and Shaver’s Creek Outlet (SCO). Discharge data was collected bi-weekly to monthly. Water chemistry is included for the sites listed above plus Shale Hills (SH) and Garner Run (GR). Water chemistry data includes major cations and anions, alkalinity, and dissolved organic carbon. All data contributes to the goals of hypothesis six (H6), which focuses on concentration-discharge relationships spatially and temporally. |
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| Data Value Descriptions | BDL = below detectable limits  umol L-1 = micromole per liter  Data value descriptions are included in file. |
| Keywords | Solute chemistry, concentration-discharge |
| Methods | Water samples collected according to standard methods, weekly to bi-weekly. Samples were analyzed using ICP-AES, IC, and a Shimadzu TOC Analyzer.  Discharge measurements were collected using a FlowTracker, bi-weekly to weekly. |
| Sites | |  |  |  | | --- | --- | --- | | Shaver's Creek/Lake Perez Upstream | Fall 2013 - present | 1507992.961 2106402.546 | | Shaver's Creek/Lake Perez Downstream | Fall 2013 - present | 1506880.122 2104228.875 | | Shaver's Creek/ "Outlet" | Fall 2013 - present | 1500705.528 2097873.697 | | Shaver's Creek/Shale Hills | 2006 - present | N 40°40'00" W 77°54'10" | | Shaver's Creek/Garner Run | 2014 - present | N 40° 41' 32.892" W 77° 55' 41.052 | |
| Publications | Unpublished, please embargo public access to this dataset. |