

# MEMORANDUM

**Date:** February 11, 2016  
**To:** Bear Creek Watershed Association  
**From:** Russell N. Clayshulte, Manager  
**Re:** Reported 2015 Total Phosphorus Pounds



| Bear Creek Watershed Wastewater Treatment Plants by Drainage Basin | WQCC Adopted Phosphorus WLA Pounds/ year | 2015 Discharged Phosphorus Pounds/year | % Allocation Used by WWTF |
|--|--|--|---------------------------|
| <b>Bear Creek Drainage</b>   |  |  |                           |
| Jefferson County Schools – Mt. Evans Outdoor Lab                   | <b>20</b>                                | 4.05                                   | 20%                       |
| Brook Forest Inn   | <b>5</b>                                 | 0.76                                   | 15%                       |
| Evergreen Metropolitan District                                    | <b>1,500</b>                             | 430.5                                  | 29%                       |
| West Jefferson County Metro District                               | <b>1,500</b>                             | 330.03                                 | 22%                       |
| Kittredge Sanitation and Water District                            | <b>240</b>                               | 77.52                                  | 32%                       |
| Genesee Water and Sanitation District                              | <b>1,015</b>                             | 249.31                                 | 25%                       |
| Forest Hills Metropolitan District                                 | <b>80</b>                                | 47.99                                  | 60%                       |
| Town of Morrison   | <b>600</b>                               | 79.69                                  | 13%                       |
| <i>Bear Creek Total</i>  | <b>4,960</b>                             | <b>1,219.9</b>                         | <b>25%</b>                |
| <b>Turkey Creek Drainage</b>                                       |  |  |                           |
| Conifer Metropolitan District                                      | <b>40</b>                                | 5.2                                    | 0%                        |
| Conifer Sanitation Association                                     | <b>40</b>                                | 1.2                                    | 3%                        |
| Aspen Park Metropolitan District                                   | <b>40</b>                                | 7.1                                    | 18%                       |
| Jefferson County Schools - Conifer High School                     | <b>110</b>                               | 1.83                                   | 2%                        |
| Geneva Glen <sup>1</sup>   | <b>5</b>                                 | Land Applied                           | 0%                        |
| Bear Creek Development Corp. - Tiny Town <sup>2</sup>              | <b>5</b>                                 | Hauling Columbia                       | 0%                        |
| The Fort <sup>3</sup>  | <b>18</b>                                | No Monitoring                          | 0%                        |
| <i>Turkey Creek Total</i>  | <b>258</b>                               | <b>15.3</b>                            | <b>6%</b>                 |
| <b>Total Operational Facilities Lbs./year</b>                      | <b>5,218</b>                             | <b>1,235.18</b>                        | <b>24%</b>                |
| Reserve Pool   | <b>37</b>                                | <b>0</b>                               | <b>0%</b>                 |
| <b>Total Phosphorus Wasteload lbs./year</b>                        | <b>5,255</b>                             |  |                           |

1-Geneva Glen treatment system land applies, No Reported Pounds for Lysimeters

2-Records from Columbia Sanitary show they hauled 54,900 gallons in the 2015 operation season

3-Permit; No established monitoring

Bear Creek Cabin changed to OWTS, pounds placed in reserve pool

Singing River Ranch not operational, pounds placed in reserve pool