Appendix C
Comparison of Effluent Concentrations of Additional Metals

Graphs comparing effluent concentrations produced by several types of treatment BMPs for TSS, Nitrogen, Zinc, and Fecal Coliform, are included in 5.3.1. Graphs for other metals and phosphorus are provided below.
### Appendix C
**Comparison of Effluent Concentrations of Additional Metals**

#### Dissolved Copper in Effluent

<table>
<thead>
<tr>
<th>Treatment Type</th>
<th>Copper Concentration (ug/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC-20 Wet Pond</td>
<td>0.1 ± 0.05</td>
</tr>
<tr>
<td>TC-22 Extended Detention Basin</td>
<td>0.3 ± 0.08</td>
</tr>
<tr>
<td>TC-30 Vegetated Swale</td>
<td>0.5 ± 0.10</td>
</tr>
<tr>
<td>TC-31 Vegetated Buffer</td>
<td>0.7 ± 0.15</td>
</tr>
<tr>
<td>TC-40 Media Filter (Austin Sand Filter)</td>
<td>0.9 ± 0.20</td>
</tr>
<tr>
<td>TC-40 Media Filter (Delaware Lineal Sand Filter)</td>
<td>1.1 ± 0.25</td>
</tr>
<tr>
<td>TC-40 Media Filter (Multi-chamber Treatment Train)</td>
<td>1.3 ± 0.30</td>
</tr>
</tbody>
</table>

#### Dissolved Copper in Effluent (log format)

<table>
<thead>
<tr>
<th>Treatment Type</th>
<th>Copper Concentration (ug/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC-20 Wet Pond</td>
<td>0.001 ± 0.0005</td>
</tr>
<tr>
<td>TC-22 Extended Detention Basin</td>
<td>0.003 ± 0.0008</td>
</tr>
<tr>
<td>TC-30 Vegetated Swale</td>
<td>0.005 ± 0.0010</td>
</tr>
<tr>
<td>TC-31 Vegetated Buffer</td>
<td>0.007 ± 0.0015</td>
</tr>
<tr>
<td>TC-40 Media Filter (Austin Sand Filter)</td>
<td>0.009 ± 0.0020</td>
</tr>
<tr>
<td>TC-40 Media Filter (Delaware Lineal Sand Filter)</td>
<td>0.011 ± 0.0025</td>
</tr>
<tr>
<td>TC-40 Media Filter (Multi-chamber Treatment Train)</td>
<td>0.013 ± 0.0030</td>
</tr>
</tbody>
</table>
Comparison of Effluent Concentrations of Additional Metals

TC-20 Wet Pond
TC-22 Extended Detention Basin
TC-30 Vegetated Swale
TC-31 Vegetated Buffer
TC-40 Media Filter (Austin Sand Filter)
TC-40 Media Filter (Delaware Lineal Sand Filter)
TC-40 Media Filter (Multi-chamber Treatment Train)

Total Copper in Effluent

Total Copper in Effluent (log format)
Appendix C
Comparison of Effluent Concentrations of Additional Metals

Dissolved Lead in Effluent

Dissolved Lead in Effluent (log format)
Appendix C
Comparison of Effluent Concentrations of Additional Metals

Dissolved Arsenic in Effluent

Dissolved Arsenic in Effluent (log format)
Appendix C
Comparison of Effluent Concentrations of Additional Metals

Total Arsenic in Effluent

Total Arsenic in Effluent (log format)
Appendix C
Comparison of Effluent Concentrations of Additional Metals

Dissolved Cadmium in Effluent

Dissolved Cadmium in Effluent (log format)
Appendix C
Comparison of Effluent Concentrations of Additional Metals

Total Cadmium in Effluent

Total Cadmium in Effluent (log format)
Comparison of Effluent Concentrations of Additional Metals

Dissolved Chromium in Effluent

Dissolved Chromium in Effluent (log format)
Appendix C
Comparison of Effluent Concentrations of Additional Metals

Total Chromium in Effluent

Total Chromium in Effluent (log format)
Appendix C
Comparison of Effluent Concentrations of Additional Metals

![Dissolved Nickel in Effluent](image)

![Dissolved Nickel in Effluent (log format)](image)
Appendix C

Comparison of Effluent Concentrations of Additional Metals

![Graph of Total Nickel in Effluent](image)

![Graph of Total Nickel in Effluent (log format)](image)
Appendix C
Comparison of Effluent Concentrations of Additional Metals

Dissolved Phosphorus in Effluent

Dissolved Phosphorus in Effluent (log format)
Appendix C

Comparison of Effluent Concentrations of Additional Metals

![Bar chart showing Total Phosphorus in Effluent](image)

![Bar chart showing Total Phosphorus in Effluent (log format)](image)