Annual Water Balance Schematic

Estimated Groundwater Consumptive Use Components

<table>
<thead>
<tr>
<th>Water Use</th>
<th>Consumptive Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWP Evaporation</td>
<td>8 gpm 103 acre-ft/year</td>
</tr>
<tr>
<td>CTF Void Loss</td>
<td>103 gpm 166 acre-ft/year</td>
</tr>
<tr>
<td>Underground Tailings Void Loss</td>
<td>86 gpm 139 acre-ft/year</td>
</tr>
<tr>
<td>Water Loss to Concentrate</td>
<td>7.0 gpm 11 acre-ft/year</td>
</tr>
<tr>
<td>Freshwater Losses</td>
<td>6 gpm 9 acre-ft/year</td>
</tr>
<tr>
<td>Total Consumptive use</td>
<td>219 gpm 339 acre-ft/year</td>
</tr>
</tbody>
</table>

NOTES:
1. WATER IN TAILINGS PASTE IS ASSUMED TO BE UNRECOVERABLE.
2. SEEPAGE IS ASSUMED TO BE ZERO AS THE FACILITIES ARE LINED.
3. THE NUMBERS IN THE BOXES CORRESPOND TO TABLE V-1 IN APPENDIX V.


Mill
- Ore Water 24.1 gpm
- Mill Water 42.4 gpm
- Mill Catchment Runoff 13.1 gpm
- Underground Dewatering 500 gpm
- RO Brine 59 gpm
- Runoff 8 gpm
- Precipitation 5 gpm
- Evaporation 8 gpm

Water Treatment Plant
- Treated Water 397.7 gpm
- Recycle 14.6 gpm
- Unused Freshwater 4.5 gpm

Freshwater Uses
- Foundation Drain 29 gpm

Water Balance Schematic
- Transfer 14.6 gpm
- Precipitation 42.2 gpm
- Cemented Tailings Facility (CTF)
- Underground Infiltration Galleries
- Unused Freshwater 4.5 gpm

Prepared by Tetra Tech Inc. (March 2017)