

**MODIFICATION OF WASTEWATER REUSE PERMIT
 APPENDIX "B" TO PERMIT NO. LA-000224-01**

Permittee Name: **Treasure Valley Family YMCA
 YMCA Horsethief Camp**

Effective Date of this Modification: **March 7, 2012**

Complete Description of Modification

The purpose of this Permit Minor Modification is to make corrections to the maximum allowable Hydraulic Loading Rate (HLR_{max}) presented in Table 1 of Section F of Wastewater Reuse Permit LA-000224-01 (Permit).

1. Section F. Permit Limits and Conditions, Page 6 of the Permit, Table 1 (eighth row):
 - a. The HLR_{max} (MG) values in the third column of Table 1 are incorrect. The values for the HLR_{max} in million gallons (MG) presented in the table column are based on the original land application site area of 8.0 acres, rather than the present land application site area of 14.4 acres, as changed in Modification A of the Permit. These values need to be corrected to reflect the HLR_{max} over the 14.4 acre land application site. The corrected HLR_{max} values in million gallons are presented in c. below.
 - b. The "Annual Total" value for HLR_{max} (inches/acre) in the second column of Table 1 is incorrect. The value should be 40.07 inches per acre, as shown in c. below.
 - c. Table 1 is presented below, showing the corrections to the HLR_{max} values:

Table 1. HLR_{max} for native forest based upon crop IWR

Monthly Limit (75% Irrigation Efficiency)	HLR_{max} (inches/acre)	HLR_{max} (MG)
April	1.42	0.56 0.31
May	4.91	1.92 1.07
June	8.8	3.44 1.91
July	10.32	4.04 2.24
August	7.68	3.00 1.67
September	4.5	1.76 0.98
October	2.44	0.95 0.53
Annual Total	40.07 37.64	15.67 8.18

The modifications to the Permit described above are presented in the attached modified page 6 of the Permit.

The modifications described above in this Appendix B and presented in the modified Permit pages are hereby approved. This appendix to the Permit is incorporated into, and constitutes a part of, Wastewater Reuse Permit No. LA-000224-01. Modified permit page 6 replaces the present page 6 in Wastewater Reuse Permit No. LA-000224-01. The Permit is incomplete and unlawful under IDAPA 58.01.17 *Recycled Water Rules* without the modified permit page 6 and without this appendix attached.

Signed,



Pete Wagner, Administrator
Idaho Department of Environmental Quality
Boise Regional Office

Date: 3/7/2012

F. Permit Limits and Conditions

The permittee is allowed to apply wastewater and treat it on a reuse site as prescribed in the tables below and in accordance with all other applicable permit conditions and schedules.

Category	Permit Limits and Conditions																											
Type of Wastewater	Class C Municipal Wastewater																											
Reporting Year for Annual Loading Rates	January 1 through December 31																											
Application Site Area	14.4 Acres																											
Application Season	April 1 st through October 31 st (Growing season only)																											
Wastewater Treatment and Reuse System Operation Requirements	The wastewater treatment facility and reuse systems shall be operated by personnel certified and licensed in the State of Idaho wastewater operator training program at the operator class level specified in IDAPA 58.01.16.203 of the Wastewater Rules, and properly trained to operate and maintain the system. Operation of the wastewater treatment system shall be monitored on a 24-hour basis for alarm conditions, including notification of the qualified operating personnel under alarm conditions.																											
Wastewater Treatment Effluent discharged to land application, Total Coliform Limit, CFU/100 mL	The median number of total coliform organisms shall not exceed 23 per 100 milliliters, and shall not exceed 230 per 100 milliliters in any confirmed sample, as determined from the results of the last three (3) days for which analyses have been completed.																											
Maximum Hydraulic Loading Rate Limit, per Growing Season, each HMU	<p>Growing Season (GS) Hydraulic Loading Rate shall not exceed the maximum hydraulic loading limit described in Table 1.</p> <p>Table 1. HLR_{max} for native forest based upon crop IWR.*</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="text-align: center;">Monthly Limit (75% Irrigation Efficiency)</th> <th style="text-align: center;">HLR_{max} (inches/acre)</th> <th style="text-align: center;">HLR_{max} (MG)</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">April</td><td style="text-align: center;">1.42</td><td style="text-align: center;">0.56</td></tr> <tr><td style="text-align: center;">May</td><td style="text-align: center;">4.91</td><td style="text-align: center;">1.92</td></tr> <tr><td style="text-align: center;">June</td><td style="text-align: center;">8.8</td><td style="text-align: center;">3.44</td></tr> <tr><td style="text-align: center;">July</td><td style="text-align: center;">10.32</td><td style="text-align: center;">4.04</td></tr> <tr><td style="text-align: center;">August</td><td style="text-align: center;">7.68</td><td style="text-align: center;">3.00</td></tr> <tr><td style="text-align: center;">September</td><td style="text-align: center;">4.5</td><td style="text-align: center;">1.76</td></tr> <tr><td style="text-align: center;">October</td><td style="text-align: center;">2.44</td><td style="text-align: center;">0.95</td></tr> <tr><td style="text-align: center;">Annual Total</td><td style="text-align: center;">40.07</td><td style="text-align: center;">15.67</td></tr> </tbody> </table> <p>* No application of water is allowed when conditions exist where water can freeze and accumulate on the soil surface to the point that water will runoff and/or pond in low areas; or result in runoff and/or ponding during melt conditions.</p>	Monthly Limit (75% Irrigation Efficiency)	HLR _{max} (inches/acre)	HLR _{max} (MG)	April	1.42	0.56	May	4.91	1.92	June	8.8	3.44	July	10.32	4.04	August	7.68	3.00	September	4.5	1.76	October	2.44	0.95	Annual Total	40.07	15.67
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Runoff Restrictions	No runoff of wastewater allowed. To prevent runoff from the reuse sites, BMPs shall be used around all areas where runoff may potentially occur.																											