

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

Permittee Name: YMCA Horsethief Camp

Effective Date of this Modification: December 23, 2011

Complete Description of Modification

The purpose of this Permit Modification is to replace the existing permitted land application site area with another land application site area located nearby, and to make other minor modifications to the Permit.

1. Section F. Permit Limits and Conditions, Page 6 of the Wastewater Reuse Permit, the Application Site Area (fourth row) shall be changed to "14.4 acres."
2. Section F. Permit Limits and Conditions, Page 6 of the Wastewater Reuse Permit, Table 1 (eighth row), in the second column, the unit of measurement in the column heading, "(MG)," shall be changed to "(inches/acre)." In the third column, the unit of measurement in the column heading, "(inches)," shall be changed to "(MG)."
3. Appendix 1, Environmental Monitoring Serial Numbers, page 14 of the Wastewater Reuse Permit, under Hydraulic Management Units, the number of acres in the third column for HMU-022401 shall be changed to "14.4."
4. Appendix 2, Site Maps, page 17 of the Wastewater Reuse Permit, replace Figure A-3. Facility Layout, with the attached Figure A-3.
5. Appendix 2, Site Maps, page 18 of the Wastewater Reuse Permit, replace Figure A-4. Site Topographic Map, with the attached Figure A-4.

The modifications to the permit described above are presented in the attached modified pages 6, 14, 17, and 18 of the permit.

The modifications described above in this Appendix A and presented in the modified permit pages are hereby approved. This appendix to the permit is incorporated into and constitutes a part of Permit No. LA-000224-01. The modified permit pages 6, 14, 17, and 18 replace those pages in the permit and are incorporated and constitute a part of Permit No. LA-000224-01. The permit is incomplete and unlawful under IDAPA 58.01.17 *Recycled Water Rules* without the modified permit pages and without this appendix attached.

YMCA Horsethief Camp, Idaho
Permit Modification "A", LA-000224-01
Page 2 of 2

Signed,



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

Date: 12/23/2011

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;"> <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;">0.31</td> </tr> <tr> <td style="text-align: center;">May</td> <td style="text-align: center;">4.91</td> <td style="text-align: center;">1.07</td> </tr> <tr> <td style="text-align: center;">June</td> <td style="text-align: center;">8.80</td> <td style="text-align: center;">1.91</td> </tr> <tr> <td style="text-align: center;">July</td> <td style="text-align: center;">10.32</td> <td style="text-align: center;">2.24</td> </tr> <tr> <td style="text-align: center;">August</td> <td style="text-align: center;">7.68</td> <td style="text-align: center;">1.67</td> </tr> <tr> <td style="text-align: center;">September</td> <td style="text-align: center;">4.50</td> <td style="text-align: center;">0.98</td> </tr> <tr> <td style="text-align: center;">October</td> <td style="text-align: center;">2.44</td> <td style="text-align: center;">0.53</td> </tr> <tr> <td style="text-align: center;">Annual Total</td> <td style="text-align: center;">37.64</td> <td style="text-align: center;">8.18</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	0.31	May	4.91	1.07	June	8.80	1.91	July	10.32	2.24	August	7.68	1.67	September	4.50	0.98	October	2.44	0.53	Annual Total	37.64	8.18
Monthly Limit (75% Irrigation Efficiency)	HLR _{max} (inches/acre)	HLR _{max} (MG)																										
April	1.42	0.31																										
May	4.91	1.07																										
June	8.80	1.91																										
July	10.32	2.24																										
August	7.68	1.67																										
September	4.50	0.98																										
October	2.44	0.53																										
Annual Total	37.64	8.18																										
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.																											

Appendix 1
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Serial Number	Description	Acres
HMU-022401	Forested Irrigation Sprayfield	<i>14.4</i>

WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-022401	Point of Discharge to Irrigation (Post-Disinfection)

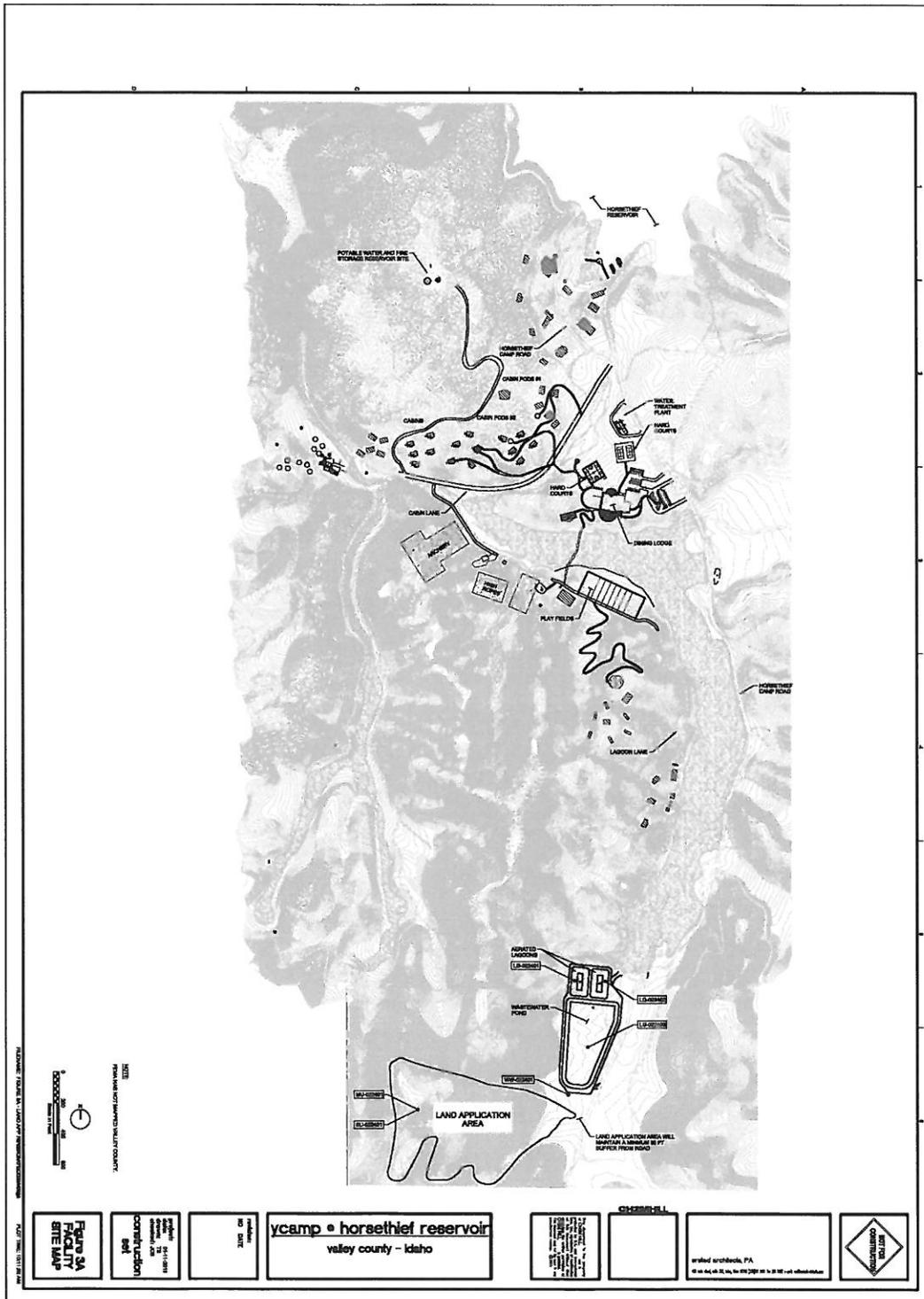
SOIL MONITORING UNITS

Serial Number	Description	Associated HMU
SU-022401	Forested Irrigation Sprayfield	HMU-022401

LAGOONS

Serial Number	Description
LG-022401	Aerated Lagoon Number 1 (West Cell)
LG-022402	Aerated Lagoon Number 2 (East Cell)
LG-022403	Storage/Polishing Pond (South of Aerated Cells)

Appendix 2
 Site Maps
 Figure A-3. Facility Layout



Appendix 2
Site Maps

Figure A-4. Site Topographic Map

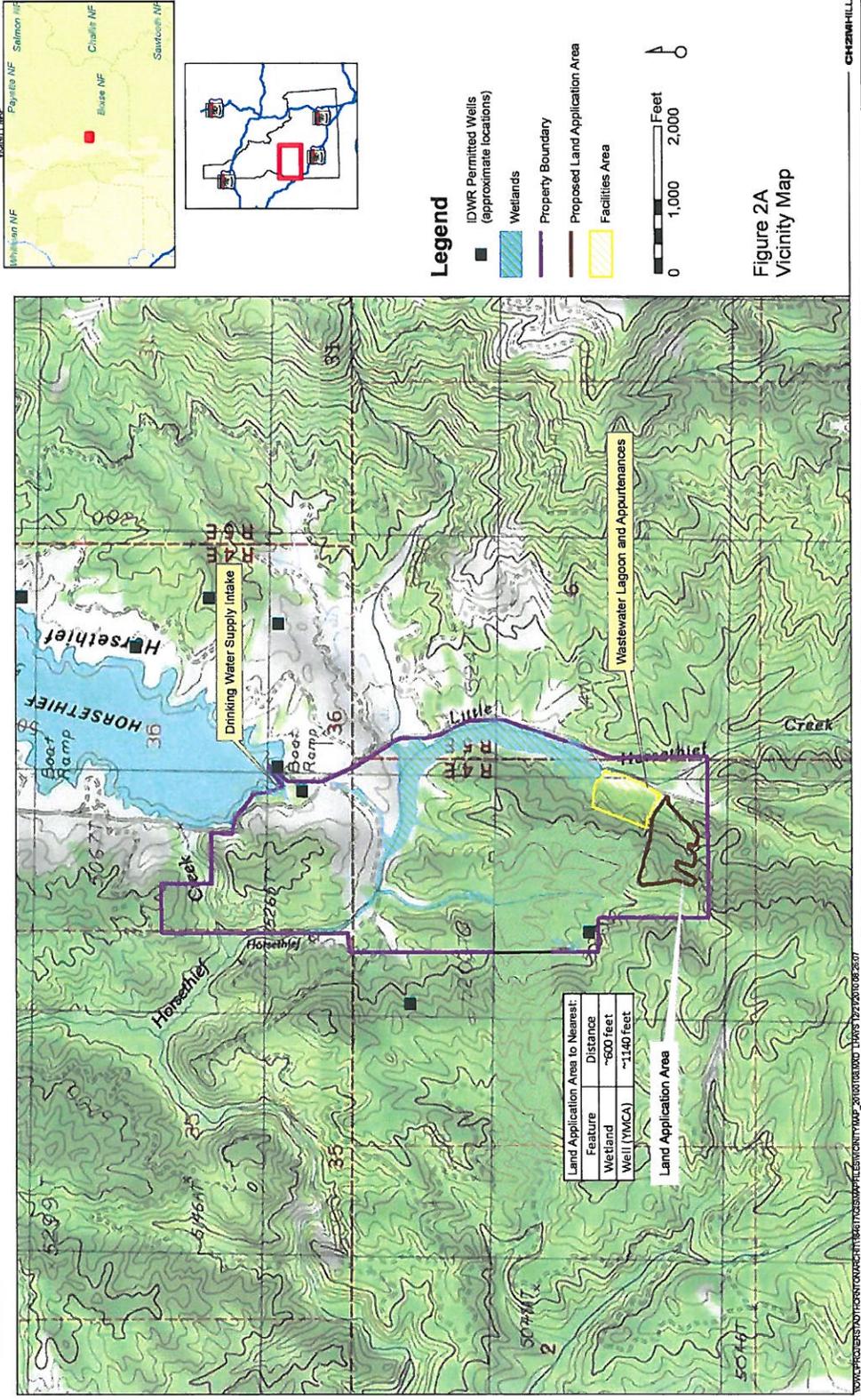


Figure 2A
Vicinity Map

CH2M HILL