



Supplemental Figure 1. Trust area and proposed places of use for Mayfield Townsite and Elk Creek Village (Nevid).

Estimated Net Annual Average Recharge into Study Area Aquifers		
Component	Annual Volume (AF)	Comment
IDWR estimate of net average annual recharge into Study Area aquifers	7,100	See IDWR Staff Memo (Tesch, 2012)
Estimated geothermal contribution	550	See Petrich (2012), Finding 17
Difference in IDWR and SPF consumptive use estimate for stockwater/wildlife	180	See Petrich (2012), Finding 18(b)
Difference in IDWR and SPF diversion estimates for irrigated land	60	See Petrich (2012), Finding 18(a)
"Non-recharge" area adjustment	340	See Petrich (2013), Item 10, Response Part 3 (beginning on page 15)
<i>Adjusted</i> net average annual recharge estimate	8,230	
<p>References:</p> <p>Petrich, C.R., 2012. Response to IDWR Staff Memo regarding the sufficiency of water supply for water right applications and transfers along the I-84 corridor, memorandum to Gary Spackman, Director, Idaho Department of Water Resources, November 15, 2012.</p> <p>Petrich, C.R., 2013. Rebuttal report of Christian R. Petrich (for the consolidated hearing of water right applications and transfers along the I-84 corridor)</p> <p>Tesch, C., 2012. Sufficiency of Water Supply for Water Right Applications and Transfers along the I-84 Corridor, IDWR memorandum addressed to Gary Spackman, Hearing Officer, May 31, 2012.</p>		

Supplemental Table 1. Estimated net annual average recharge into Study Area aquifers.

Consolidated Cases Transfers and Applications									
Name	Number	Received	Priority	Water Use	Maximum Instantaneous Diversion (cfs)	EDUs	Agricultural Irrigation Acres	Estimated Annual Volume (AF)	Comment
Mayfield Townsite	63-32499	7/28/2006	7/28/2006	Municipal	10	8,000		4,320	Assume 0.54 AF/unit
Shekinah Industries (transfer)	73811	12/4/2006	1963+	Irrigation	5.56		369	1,107	Assume 3.0 AF/acre
Nevid	61-12095	4/3/2007	4/3/2007	Municipal	5	750		405	Assume 0.54 AF/unit
Nevid	61-12096	4/3/2007	4/3/2007	Municipal & Fire Protection	20.48	4,603		2,486	
Orchard Ranch (transfer)	73834	6/21/2007	1976	Irrigation (municipal)	11.36		631	1,893	Decreed volume is 2,975 (or 4.71 AFA); assume average use of 3.0 AFA
Orchard Ranch	63-32703	6/21/2007	6/21/2007	Irrigation (was municipal)	9.6		480	1,440	Assume 3.0 AF/acre
Intermountain Sewer & Water	61-12256	1/17/2008	1/17/2008	Municipal	13.76	4,200		2,268	Assume 0.54 AF/unit
Ark Properties/ Mayfield Townsite	63-33344	3/1/2010	3/1/2010	Irrigation in planned community (63-32499)	9		475	1,440	Assume 3.0 AF/acre
Total					84.76	17,553	1,955	15,359	

Supplemental Table 2. Consolidated cases applications and transfers.

Note: This table replaces Table 3 in SPF's November 15, 2012 memorandum, which incorrectly listed the number of anticipated EDUs for Application 61-12256.