

**Exhibit A**  
**Upper Uncompahgre Additional Water Depletions From a No M&D Call Scenario -**  
**Based on the 5 Driest Years from Modeling**

No Call Depletions in AF														
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total	
(1) Average Percent Depletion	0%	0%	0%	0%	0%	2%	9%	23%	29%	19%	17%	1%	3,000	
(2) Average of 5 Driest Year Depletion	0	0	0	0	0	72	265	696	859	582	497	29	3,000	
(3) Cumulative Depletion						72	337	1,033	1,892	2,474	2,971	3,000		

Row Notes:

- (1) Equals Average Monthly Depletion / Average Total (Based on the 5 Driest Years from Modeling)
- (2) Equals Row (1) monthly percent x Row (1) Total
- (3) Equals Row (3) previous month + Row (2) current month

Analysis was performed with the Gunnison StateMod Model used for the Technical Update to the Water Plan

- 1) Used the Baseline (current) data set without change (current demand, water rights, and operations)
- 2) Set all WD 68 direct flow water rights senior to the Montrose & Delta Senior Water Right. Did not change storage right priority in Ridgway Reservoir
- 3) Simulated the model for Water Year 1975 through 2013
- 4) Held Gunnison Tunnel/Taylor Park deliveries to M&D Constant
- 5) Annual depletions over 1975-2013 period average roughly 985 AF and maximum year 3,662 AF