

90 DAY INITIAL LINER TEST RESULTS SUMMARY  
DOUBLE JACK'S VARRA RESERVOIR  
WELD COUNTY, COLORADO

Start Date	16-Jun-22
End Date	13-Sep-22
Number of Days	90 days
Volume of Water in Pit at Start Date	0.03 acre feet
Volume of Water in Pit at End Date	0.17 acre feet
Net Change In Volume	0.14 acre feet
Cummulative Diverted Water at Start Date	0.00 acre feet
Cummulative Diverted Water at End Date	0.00 acre feet
Total Diverted Water from Start Date to End Date	0.00 acre feet
Cummulative Precipitation at Start Date	0.00 acre feet
Cummulative Precipitation at End Date	2.57 acre feet
Total Precipitation from Start Date to End Date	2.57 acre feet
Cummulative Evaporation at Start Date	0.01 acre feet
Cummulative Evaporation at End Date	0.55 acre feet
Total Evaporation from Start Date to End Date	0.54 acre feet
Cummulative Pumped out at Start Date	0.00 acre feet
Cummulative Pumped out at End Date	0.00 acre feet
Total Pumped out from Start Date to End Date	0.00 acre feet
Net Inflow (Total Inflows less Total Outflows)	2.03 acre feet
<b>Calculated Groundwater Inflow</b> (Net Volume Change less Net Inflow)	<b>-1.89</b> acre feet
<b>Allowable Groundwater Inflow</b>	
Design Standard Groundwater Inflow	29.49 acre feet
Performance Standard Groundwater Inflow	88.47 acre feet

Jay Davenport, P.E.

11/10/2023