

TABLE 4 - PROPOSED BASELINE WATER BALANCE USING NPS's RECHARGE ESTIMATE TO PROJECT EFFECTS OF EXISTING PUMPING INTO FUTURE (EXCLUDES PROJECT PUMPING AND FORESEEABLE PROJECT PUMPING)
 (Submitted by the National Park Service in support of comments concerning the draft EIR for the proposed Eagle Mountain Pumped Storage Project)

| Year | Eagle Mtn. Pumped Storage Project Water Supply Wells | Eagle Mtn. Pumped Storage Project Construction Water Usage | Eagle Mtn. Townsite | Eagle Mtn. Pumped Storage Project Seepage Recovery Wells | Proposed Landfill Water Usage | Proposed Solar Projects Construction Water Usage | Proposed Solar Projects Operational Water Usage | Agricultural Pumping | Aquaculture Pumping/ Open Water Evap. | Desert Center Domestic Water Usage | So. Cal. Water Usage | Raceway Water Usage | Lake Tamarisk Water Usage | Chuckwalla/ Ironwood State Prison Water Usage | Subsurface Outflow | SUBTOTAL OUTFLOW | Inflow from Reservoir Seepage | Lake Tamarisk Wastewater Return | Chuckwalla/ Ironwood State Prison Wastewater Return | Precipitation Recharge in Chuckwalla Valley | Subsurface Inflow from Pinto Valley | Subsurface Inflow from Orocoopia Valley | SUBTOTAL INFLOW | INFLOW minus OUTFLOW | CUMULATIVE CHANGE IN AQUIFER STORAGE |
|------|--|--|---------------------|--|-------------------------------|--|---|----------------------|---------------------------------------|------------------------------------|----------------------|---------------------|---------------------------|---|--------------------|------------------|-------------------------------|---------------------------------|---|---|-------------------------------------|---|-----------------|----------------------|--------------------------------------|
| 2008 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 2,100 | 400 | 10,640 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,796 | -6,796 |
| 2009 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 2,100 | 400 | 10,640 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,796 | -13,592 |
| 2010 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 2,100 | 400 | 10,640 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,796 | -20,388 |
| 2011 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -26,584 |
| 2012 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -32,780 |
| 2013 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -38,976 |
| 2014 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -45,172 |
| 2015 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -51,368 |
| 2016 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -57,564 |
| 2017 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -63,760 |
| 2018 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -69,956 |
| 2019 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -76,152 |
| 2020 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -82,348 |
| 2021 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -88,544 |
| 2022 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -94,740 |
| 2023 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -100,936 |
| 2024 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -107,132 |
| 2025 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -113,328 |
| 2026 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -119,524 |
| 2027 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -125,720 |
| 2028 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -131,916 |
| 2029 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -138,112 |
| 2030 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -144,308 |
| 2031 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -150,504 |
| 2032 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -156,700 |
| 2033 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -162,896 |
| 2034 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -169,092 |
| 2035 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -175,288 |
| 2036 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -181,484 |
| 2037 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -187,680 |
| 2038 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -193,876 |
| 2039 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -200,072 |
| 2040 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -206,268 |
| 2041 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -212,464 |
| 2042 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -218,660 |
| 2043 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -224,856 |
| 2044 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -231,052 |
| 2045 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -237,248 |
| 2046 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -243,444 |
| 2047 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -249,640 |
| 2048 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -255,836 |
| 2049 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -262,032 |
| 2050 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -268,228 |
| 2051 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -274,424 |
| 2052 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -280,620 |
| 2053 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -286,816 |
| 2054 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -293,012 |
| 2055 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -299,208 |
| 2056 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -305,404 |
| 2057 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -311,600 |
| 2058 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -317,796 |
| 2059 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -323,992 |
| 2060 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -330,188 |
| 2061 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -336,384 |
| 2062 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -342,580 |
| 2063 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -348,776 |
| 2064 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -354,972 |
| 2065 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -361,168 |
| 2066 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -367,364 |
| 2067 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -373,560 |
| 2068 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -379,756 |
| 2069 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,04 | | | | | | | | | |

TABLE 4 - PROPOSED BASELINE WATER BALANCE USING NPS's RECHARGE ESTIMATE TO PROJECT EFFECTS OF EXISTING PUMPING INTO FUTURE (EXCLUDES PROJECT PUMPING AND FORESEEABLE PROJECT PUMPING)
 (Submitted by the National Park Service in support of comments concerning the draft EIR for the proposed Eagle Mountain Pumped Storage Project)

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|------|--|--|---------------------|--|-------------------------------|--|---|----------------------|---------------------------------------|------------------------------------|----------------------|---------------------|---------------------------|---|--------------------|------------------|-------------------------------|---------------------------------|---|---|-------------------------------------|---|-----------------|----------------------|--------------------------------------|
| 2077 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -435,520 |
| 2078 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -441,716 |
| 2079 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -447,912 |
| 2080 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -454,108 |
| 2081 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -460,304 |
| 2082 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -466,500 |
| 2083 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -472,696 |
| 2084 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -478,892 |
| 2085 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -485,088 |
| 2086 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -491,284 |
| 2087 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -497,480 |
| 2088 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -503,676 |
| 2089 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -509,872 |
| 2090 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -516,068 |
| 2091 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -522,264 |
| 2092 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -528,460 |
| 2093 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -534,656 |
| 2094 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -540,852 |
| 2095 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -547,048 |
| 2096 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -553,244 |
| 2097 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -559,440 |
| 2098 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -565,636 |
| 2099 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -571,832 |
| 2100 | | | | | | | | 6,400 | 599 | 50 | 1 | | 1,090 | 1,500 | 400 | 10,040 | | 36 | 795 | 2,060 | 624 | 329 | 3,844 | -6,196 | -578,028 |