

F3.3.6

Model-simulated Flow Changes Cumulative

Table F3.3.6-1A Model Simulated Flow Changes (Project Specific)

| (Project Specific) | | | | | Proposed Action | | |
|----------------------------|--|-------------------------------------|------------------------------|--|--|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from No-Action) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | 0 | 0 | -1 |
| | | Butterfield Spring | 1,225 | 471 | -1 | -7 | -18 |
| | | Cold Spring | 582 | 503 | 0 | 0 | -1 |
| | | Flag Springs 3 | 969 | 560 | -1 | -7 | -17 |
| | | Hardy Springs | 200 | 73 | 0 | 0 | -1 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | -1 | -3 |
| | | Lund Spring | 3,594 | 3,314 | 0 | 0 | -1 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | 0 | -1 |
| | | Moorman Spring | 405 | 353 | 0 | -1 | -3 |
| | | Nicolas Spring | 1,185 | 872 | 0 | 0 | -1 |
| | Preston Big Spring | 3,572 | 3,794 | 0 | 0 | -1 | |
| | Pahranaagat Valley (209) | Ash Springs | 6,909 | 7,453 | 0 | -1 | -2 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | 0 |
| | | Crystal Springs | 4,235 | 4,647 | 0 | 0 | -1 |
| | | Hiko Spring | 2,735 | 1,985 | 0 | 0 | -2 |
| | Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | 0 | 0 | -1 |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | 0 | 0 | -1 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | 0 | 0 | 0 | |
| | Rogers Spring | 771 | 515 | 0 | 0 | 0 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | 0 |
| | | Currie Spring | 2,181 | 1,419 | 0 | 0 | 0 |
| | | McGill Spring | 4,783 | 2,074 | 0 | 0 | 0 |
| | | Monte Neva Hot Springs | 649 | 280 | 0 | 0 | -1 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -58 | -100 | -100 |
| | | North Millick Spring | 284 | 98 | -31 | -62 | -75 |
| | | South Millick Spring | 506 | 278 | -55 | -94 | -99 |
| | Snake Valley (195) | Big Springs | 4,289 | 1,977 | -2 | -100 | -100 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | -1 | -2 |
| | | Kell Spring | 120 | 59 | 0 | -1 | -2 |
| Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | -1 | | |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | 0 | 0 | 0 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-2A Model Simulated Flow Changes (Project Specific)

| (Project Specific) | | | | | Alternative A (Reduced Pumping) | | |
|----------------------------|--|-------------------------------------|------------------------------|--|--|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from No-Action) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | 0 | 0 | 0 |
| | | Butterfield Spring | 1,225 | 471 | 0 | -3 | -8 |
| | | Cold Spring | 582 | 503 | 0 | 0 | -1 |
| | | Flag Springs 3 | 969 | 560 | -1 | -3 | -8 |
| | | Hardy Springs | 200 | 73 | 0 | 0 | -1 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | -1 | -2 |
| | | Lund Spring | 3,594 | 3,314 | 0 | 0 | -1 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | 0 | -1 |
| | | Moorman Spring | 405 | 353 | 0 | 0 | -1 |
| | | Nicolas Spring | 1,185 | 872 | 0 | 0 | 0 |
| | Preston Big Spring | 3,572 | 3,794 | 0 | 0 | -1 | |
| | Pahranaagat Valley (209) | Ash Springs | 6,909 | 7,453 | 0 | 0 | -1 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | 0 |
| | | Crystal Springs | 4,235 | 4,647 | 0 | 0 | -1 |
| | | Hiko Spring | 2,735 | 1,985 | 0 | 0 | -1 |
| | Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | 0 | 0 | 0 |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | 0 | 0 | 0 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | 0 | 0 | 0 | |
| | Rogers Spring | 771 | 515 | 0 | 0 | 0 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | 0 |
| | | Currie Spring | 2,181 | 1,419 | 0 | 0 | 0 |
| | | McGill Spring | 4,783 | 2,074 | 0 | 0 | 0 |
| | | Monte Neva Hot Springs | 649 | 280 | 0 | 0 | 0 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -12 | -28 | -36 |
| | | North Millick Spring | 284 | 98 | -4 | -9 | -11 |
| | | South Millick Spring | 506 | 278 | -10 | -21 | -24 |
| | Snake Valley (195) | Big Springs | 4,289 | 1,977 | -2 | -100 | -100 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | -1 | -1 |
| | | Kell Spring | 120 | 59 | 0 | -1 | -1 |
| Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 | | |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | 0 | 0 | 0 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-3A Model Simulated Flow Changes (Project Specific)

| (Project Specific) | | | | | Alternative B (Points of Diversion) | | |
|----------------------------|--|-------------------------------------|------------------------------|--|--|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from No-Action) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | 0 | -1 | -2 |
| | | Butterfield Spring | 1,225 | 471 | -20 | -34 | -45 |
| | | Cold Spring | 582 | 503 | 0 | -1 | -2 |
| | | Flag Springs 3 | 969 | 560 | -19 | -29 | -37 |
| | | Hardy Springs | 200 | 73 | -1 | -2 | -4 |
| | | Hot Creek Spring | 5,032 | 6,899 | -3 | -5 | -7 |
| | | Lund Spring | 3,594 | 3,314 | 0 | -1 | -2 |
| | | Moon River Spring | 1,707 | 1,457 | -1 | -2 | -2 |
| | | Moorman Spring | 405 | 353 | -2 | -4 | -6 |
| | | Nicolas Spring | 1,185 | 872 | 0 | -1 | -1 |
| | Preston Big Spring | 3,572 | 3,794 | 0 | -1 | -2 | |
| | Pahranaagat Valley (209) | Ash Springs | 6,909 | 7,453 | 0 | -1 | -2 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | 0 |
| | | Crystal Springs | 4,235 | 4,647 | 0 | 0 | -1 |
| | | Hiko Spring | 2,735 | 1,985 | 0 | -1 | -2 |
| | Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | 0 | 0 | -1 |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | 0 | 0 | -1 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | 0 | 0 | 0 | |
| | Rogers Spring | 771 | 515 | 0 | 0 | 0 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | 0 |
| | | Currie Spring | 2,181 | 1,419 | 0 | 0 | 0 |
| | | McGill Spring | 4,783 | 2,074 | 0 | 0 | 0 |
| | | Monte Neva Hot Springs | 649 | 280 | 0 | 0 | 0 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | 0 | -3 | -5 |
| | | North Millick Spring | 284 | 98 | -2 | -18 | -42 |
| | | South Millick Spring | 506 | 278 | -8 | -47 | -99 |
| | Snake Valley (195) | Big Springs | 4,289 | 1,977 | -7 | -100 | -100 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | 0 | -1 |
| | | Kell Spring | 120 | 59 | 0 | 0 | -1 |
| Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 | | |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | 0 | 0 | 0 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-4A Model Simulated Flow Changes (Project Specific)

| (Project Specific) | | | | | Alternative C (Intermittent Pumping) | | |
|----------------------------|--|-------------------------------------|------------------------------|--|--|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from No-Action) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | 0 | 0 | 0 |
| | | Butterfield Spring | 1,225 | 471 | 0 | -2 | -5 |
| | | Cold Spring | 582 | 503 | 0 | 0 | 0 |
| | | Flag Springs 3 | 969 | 560 | -1 | -2 | -5 |
| | | Hardy Springs | 200 | 73 | 0 | 0 | 0 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | 0 | -1 |
| | | Lund Spring | 3,594 | 3,314 | 0 | 0 | 0 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | 0 | 0 |
| | | Moorman Spring | 405 | 353 | 0 | 0 | -1 |
| | | Nicolas Spring | 1,185 | 872 | 0 | 0 | 0 |
| | Preston Big Spring | 3,572 | 3,794 | 0 | 0 | 0 | |
| | Pahranaagat Valley (209) | Ash Springs | 6,909 | 7,453 | 0 | 0 | -1 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | 0 |
| | | Crystal Springs | 4,235 | 4,647 | 0 | 0 | 0 |
| | | Hiko Spring | 2,735 | 1,985 | 0 | 0 | -1 |
| | Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | 0 | 0 | 0 |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | 0 | 0 | 0 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | 0 | 0 | 0 | |
| | Rogers Spring | 771 | 515 | 0 | 0 | 0 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | 0 |
| | | Currie Spring | 2,181 | 1,419 | 0 | 0 | 0 |
| | | McGill Spring | 4,783 | 2,074 | 0 | 0 | 0 |
| | | Monte Neva Hot Springs | 649 | 280 | 0 | 0 | 0 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -12 | -14 | -15 |
| | | North Millick Spring | 284 | 98 | -4 | -5 | -5 |
| | | South Millick Spring | 506 | 278 | -10 | -12 | -11 |
| | Snake Valley (195) | Big Springs | 4,289 | 1,977 | -2 | -87 | -100 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | 0 | -1 |
| | | Kell Spring | 120 | 59 | 0 | -1 | -1 |
| Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 | | |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | 0 | 0 | 0 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-5A Model Simulated Flow Changes (Project Specific)

| (Project Specific) | | | | | Alternative D (LCCRDA) | | |
|----------------------------|--------------------------------|--|------------------------------|--|--|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from No-Action) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | 0 | 0 | 0 |
| | | Butterfield Spring | 1,225 | 471 | 0 | -3 | -9 |
| | | Cold Spring | 582 | 503 | 0 | 0 | 0 |
| | | Flag Springs 3 | 969 | 560 | 0 | -3 | -9 |
| | | Hardy Springs | 200 | 73 | 0 | 0 | -1 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | 0 | -2 |
| | | Lund Spring | 3,594 | 3,314 | 0 | 0 | -1 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | 0 | -1 |
| | | Moorman Spring | 405 | 353 | 0 | 0 | -1 |
| | | Nicolas Spring | 1,185 | 872 | 0 | 0 | 0 |
| | Preston Big Spring | 3,572 | 3,794 | 0 | 0 | 0 | |
| | Pahranaagat Valley (209) | Ash Springs | 6,909 | 7,453 | 0 | 0 | -1 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | 0 |
| | | Crystal Springs | 4,235 | 4,647 | 0 | 0 | 0 |
| | | Hiko Spring | 2,735 | 1,985 | 0 | 0 | -1 |
| | Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | 0 | 0 | 0 |
| | Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | 0 | 0 | 0 |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | 0 | 0 | 0 | |
| | Rogers Spring | 771 | 515 | 0 | 0 | 0 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | 0 |
| | | Currie Spring | 2,181 | 1,419 | 0 | 0 | 0 |
| | | McGill Spring | 4,783 | 2,074 | 0 | 0 | 0 |
| | | Monte Neva Hot Springs | 649 | 280 | 0 | 0 | 0 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | 0 | 0 | 0 |
| | | North Millick Spring | 284 | 98 | 0 | 0 | 0 |
| | | South Millick Spring | 506 | 278 | 0 | 0 | 0 |
| | Snake Valley (195) | Big Springs | 4,289 | 1,977 | -19 | -100 | -100 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | 0 | 0 |
| | | Kell Spring | 120 | 59 | 0 | 0 | 0 |
| | | Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | 0 | 0 | 0 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-6A Model Simulated Flow Changes (Project Specific)

| (Project Specific) | | | | | Alternative E (Spring, Cave, Dry Lake, Delamar Only) | | |
|----------------------------|--------------------------------|--|------------------------------|--|---|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from No-Action) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | 0 | 0 | 0 |
| | | Butterfield Spring | 1,225 | 471 | 0 | -3 | -8 |
| | | Cold Spring | 582 | 503 | 0 | 0 | -1 |
| | | Flag Springs 3 | 969 | 560 | -1 | -3 | -8 |
| | | Hardy Springs | 200 | 73 | 0 | 0 | -1 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | -1 | -2 |
| | | Lund Spring | 3,594 | 3,314 | 0 | 0 | -1 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | 0 | -1 |
| | | Moorman Spring | 405 | 353 | 0 | 0 | -1 |
| | | Nicolas Spring | 1,185 | 872 | 0 | 0 | 0 |
| | Preston Big Spring | 3,572 | 3,794 | 0 | 0 | -1 | |
| | Pahranaagat Valley (209) | Ash Springs | 6,909 | 7,453 | 0 | 0 | -1 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | 0 |
| | | Crystal Springs | 4,235 | 4,647 | 0 | 0 | -1 |
| | | Hiko Spring | 2,735 | 1,985 | 0 | 0 | -1 |
| | Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | 0 | 0 | 0 |
| | Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | 0 | 0 | 0 |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | 0 | 0 | 0 | |
| | Rogers Spring | 771 | 515 | 0 | 0 | 0 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | 0 |
| | | Currie Spring | 2,181 | 1,419 | 0 | 0 | 0 |
| | | McGill Spring | 4,783 | 2,074 | 0 | 0 | 0 |
| | | Monte Neva Hot Springs | 649 | 280 | 0 | 0 | 0 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -12 | -28 | -36 |
| | | North Millick Spring | 284 | 98 | -4 | -9 | -11 |
| | | South Millick Spring | 506 | 278 | -10 | -21 | -24 |
| | Snake Valley (195) | Big Springs | 4,289 | 1,977 | -2 | -26 | -78 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | 0 | 0 |
| | | Kell Spring | 120 | 59 | 0 | 0 | 0 |
| Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 | | |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | 0 | 0 | 0 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-7A Model Simulated Flow Changes (Project Specific)

| (Project Specific) | | | | | No Action | | |
|----------------------------|--|-------------------------------------|-------------------------------------|---|---|--------------------------------------|---------------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from Current Conditions) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | -4 | -6 | -8 |
| | | Butterfield Spring | 1,225 | 471 | 0 | -1 | -3 |
| | | Cold Spring | 582 | 503 | -3 | -6 | -8 |
| | | Flag Springs 3 | 969 | 560 | 0 | -1 | -3 |
| | | Hardy Springs | 200 | 73 | -1 | -2 | -2 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | -1 | -1 |
| | | Lund Spring | 3,594 | 3,314 | 0 | 0 | -1 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | 0 | 0 |
| | | Moorman Spring | 405 | 353 | 0 | -1 | -1 |
| | | Nicolas Spring | 1,185 | 872 | -5 | -7 | -9 |
| | Preston Big Spring | 3,572 | 3,794 | -2 | -5 | -7 | |
| | Pahrnagat Valley (209) | Ash Springs | 6,909 | 7,453 | 0 | -1 | -1 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | 0 |
| | | Crystal Springs | 4,235 | 4,647 | -1 | -1 | -2 |
| | | Hiko Spring | 2,735 | 1,985 | -1 | -2 | -3 |
| | Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | -4 | -6 | -9 |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | -5 | -7 | -10 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | 0 | -1 | -2 | |
| | Rogers Spring | 771 | 515 | 0 | -1 | -2 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | -1 |
| | | Currie Spring | 2,181 | 1,419 | 0 | -1 | -1 |
| | | McGill Spring | 4,783 | 2,074 | 0 | 0 | 0 |
| | | Monte Neva Hot Springs | 649 | 280 | 0 | -1 | -1 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -2 | -2 | -2 |
| | | North Millick Spring | 284 | 98 | 0 | 0 | 0 |
| | | South Millick Spring | 506 | 278 | -1 | -1 | -1 |
| | Snake Valley (195) | Big Springs | 4,289 | 1,977 | -9 | -13 | -16 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | 0 | 0 |
| | | Kell Spring | 120 | 59 | 0 | 0 | 0 |
| Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 | | |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | -2 | -5 | -7 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-1B Model Simulated Flow Changes (Cumulative)

| (Cumulative) | | | | | Proposed Action Cumulative | | |
|--------------------------------|--|------------------------------|------------------------------|--|---|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from Current Conditions) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | -4 | -7 | -9 |
| | | Butterfield Spring | 1,225 | 471 | -2 | -8 | -20 |
| | | Cold Spring | 582 | 503 | -3 | -6 | -10 |
| | | Flag Springs 3 | 969 | 560 | -2 | -9 | -19 |
| | | Hardy Springs | 200 | 73 | -1 | -2 | -4 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | -2 | -4 |
| | | Lund Spring | 3,594 | 3,314 | 0 | -1 | -1 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | -1 | -2 |
| | | Moorman Spring | 405 | 353 | -1 | -2 | -4 |
| | | Nicolas Spring | 1,185 | 872 | -5 | -7 | -9 |
| | Preston Big Spring | 3,572 | 3,794 | -2 | -5 | -8 | |
| | Pahranagat Valley (209) | Ash Springs ¹ | 6,909 | 7,453 | -2 | -3 | -4 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | -1 |
| | | Crystal Springs ¹ | 4,235 | 4,647 | -1 | -2 | -3 |
| Hiko Spring ¹ | | 2,735 | 1,985 | -2 | -3 | -5 | |
| Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | -37 | -54 | -62 | |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | -39 | -57 | -66 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | -1 | -2 | -4 | |
| | Rogers Spring | 771 | 515 | -1 | -2 | -3 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | -1 |
| | | Currie Spring | 2,181 | 1,419 | -1 | -3 | -3 |
| | | McGill Spring | 4,783 | 2,074 | -1 | -3 | -3 |
| | | Monte Neva Hot Springs | 649 | 280 | -2 | -3 | -4 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -64 | -100 | -100 |
| | | North Millick Spring | 284 | 98 | -32 | -63 | -76 |
| | | South Millick Spring | 506 | 278 | -55 | -94 | -100 |
| | Snake Valley (195) | Big Springs ¹ | 4,289 | 1,977 | -10 | -100 | -100 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | -1 | -3 |
| | | Kell Spring | 120 | 59 | 0 | -2 | -2 |
| | Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | -1 | |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | -3 | -6 | -12 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-2B Model Simulated Flow Changes (Cumulative)

| (Cumulative) | | | | | Alternative A (Reduced Pumping) Cumulative | | |
|--------------------------------|--|------------------------------|------------------------------|--|---|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from Current Conditions) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | -4 | -7 | -9 |
| | | Butterfield Spring | 1,225 | 471 | -1 | -5 | -11 |
| | | Cold Spring | 582 | 503 | -3 | -6 | -9 |
| | | Flag Springs 3 | 969 | 560 | -1 | -5 | -11 |
| | | Hardy Springs | 200 | 73 | -1 | -2 | -3 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | -1 | -3 |
| | | Lund Spring | 3,594 | 3,314 | 0 | 0 | -1 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | 0 | -1 |
| | | Moorman Spring | 405 | 353 | 0 | -1 | -3 |
| | | Nicolas Spring | 1,185 | 872 | -5 | -7 | -9 |
| | Preston Big Spring | 3,572 | 3,794 | -2 | -5 | -8 | |
| | Pahranagat Valley (209) | Ash Springs ¹ | 6,909 | 7,453 | -2 | -2 | -3 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | -1 |
| | | Crystal Springs ¹ | 4,235 | 4,647 | -1 | -2 | -2 |
| | | Hiko Spring ¹ | 2,735 | 1,985 | -2 | -3 | -4 |
| Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | -37 | -54 | -61 | |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | -39 | -57 | -65 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | -1 | -2 | -4 | |
| | Rogers Spring | 771 | 515 | -1 | -2 | -3 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | -1 |
| | | Currie Spring | 2,181 | 1,419 | -1 | -3 | -3 |
| | | McGill Spring | 4,783 | 2,074 | -1 | -3 | -3 |
| | | Monte Neva Hot Springs | 649 | 280 | -2 | -2 | -3 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -19 | -39 | -52 |
| | | North Millick Spring | 284 | 98 | -4 | -10 | -11 |
| | | South Millick Spring | 506 | 278 | -11 | -21 | -26 |
| | Snake Valley (195) | Big Springs ¹ | 4,289 | 1,977 | -10 | -100 | -100 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | -1 | -2 |
| | | Kell Spring | 120 | 59 | 0 | -1 | -1 |
| | | Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | -3 | -6 | -12 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-3B Model Simulated Flow Changes (Cumulative)

| (Cumulative) | | | | | Alternative B (Points of Diversion) Cumulative | | |
|----------------------------|--|-------------------------------------|------------------------------|--|--|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Cumulative | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | -5 | -7 | -10 |
| | | Butterfield Spring | 1,225 | 471 | -21 | -35 | -46 |
| | | Cold Spring | 582 | 503 | -4 | -7 | -11 |
| | | Flag Springs 3 | 969 | 560 | -19 | -30 | -39 |
| | | Hardy Springs | 200 | 73 | -1 | -4 | -6 |
| | | Hot Creek Spring | 5,032 | 6,899 | -3 | -5 | -8 |
| | | Lund Spring | 3,594 | 3,314 | 0 | -1 | -3 |
| | | Moon River Spring | 1,707 | 1,457 | -1 | -2 | -3 |
| | | Moorman Spring | 405 | 353 | -3 | -5 | -7 |
| | | Nicolas Spring | 1,185 | 872 | -5 | -8 | -10 |
| | Preston Big Spring | 3,572 | 3,794 | -3 | -6 | -9 | |
| | Pahranagat Valley (209) | Ash Springs ¹ | 6,909 | 7,453 | -2 | -3 | -4 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | -1 |
| | | Crystal Springs ¹ | 4,235 | 4,647 | -1 | -2 | -3 |
| | | Hiko Spring ¹ | 2,735 | 1,985 | -2 | -3 | -5 |
| | Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | -37 | -54 | -62 |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | -39 | -57 | -66 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | -1 | -2 | -4 | |
| | Rogers Spring | 771 | 515 | -1 | -2 | -3 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | -1 |
| | | Currie Spring | 2,181 | 1,419 | -1 | -3 | -3 |
| | | McGill Spring | 4,783 | 2,074 | -1 | -3 | -3 |
| | | Monte Neva Hot Springs | 649 | 280 | -2 | -2 | -3 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -7 | -11 | -15 |
| | | North Millick Spring | 284 | 98 | -3 | -19 | -42 |
| | | South Millick Spring | 506 | 278 | -8 | -47 | -99 |
| | Snake Valley (195) | Big Springs ¹ | 4,289 | 1,977 | -15 | -100 | -100 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | -1 | -1 |
| | | Kell Spring | 120 | 59 | 0 | 0 | -1 |
| | Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 | |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | -3 | -6 | -12 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-4B Model Simulated Flow Changes (Cumulative)

| (Cumulative) | | | | | Alternative C (Intermittent Pumping) Cumulative | | |
|--------------------------------|--|------------------------------|------------------------------|--|---|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from Current Conditions) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | -4 | -7 | -9 |
| | | Butterfield Spring | 1,225 | 471 | -1 | -4 | -8 |
| | | Cold Spring | 582 | 503 | -3 | -6 | -9 |
| | | Flag Springs 3 | 969 | 560 | -1 | -4 | -8 |
| | | Hardy Springs | 200 | 73 | -1 | -2 | -2 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | -1 | -2 |
| | | Lund Spring | 3,594 | 3,314 | 0 | 0 | -1 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | 0 | -1 |
| | | Moorman Spring | 405 | 353 | 0 | -1 | -2 |
| | | Nicolas Spring | 1,185 | 872 | -5 | -7 | -9 |
| | Preston Big Spring | 3,572 | 3,794 | -2 | -5 | -7 | |
| | Pahranagat Valley (209) | Ash Springs ¹ | 6,909 | 7,453 | -2 | -2 | -3 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | -1 |
| | | Crystal Springs ¹ | 4,235 | 4,647 | -1 | -2 | -2 |
| | | Hiko Spring ¹ | 2,735 | 1,985 | -2 | -3 | -4 |
| Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | -37 | -54 | -61 | |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | -39 | -57 | -65 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | -1 | -2 | -4 | |
| | Rogers Spring | 771 | 515 | -1 | -2 | -3 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | -1 |
| | | Currie Spring | 2,181 | 1,419 | -1 | -3 | -3 |
| | | McGill Spring | 4,783 | 2,074 | -1 | -3 | -3 |
| | | Monte Neva Hot Springs | 649 | 280 | -2 | -2 | -3 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -19 | -24 | -27 |
| | | North Millick Spring | 284 | 98 | -4 | -5 | -6 |
| | | South Millick Spring | 506 | 278 | -11 | -13 | -12 |
| | Snake Valley (195) | Big Springs ¹ | 4,289 | 1,977 | -10 | -89 | -100 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | -1 | -1 |
| | | Kell Spring | 120 | 59 | 0 | -1 | -1 |
| | Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 | |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | -3 | -6 | -12 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-5B Model Simulated Flow Changes (Cumulative)

| (Cumulative) | | | | | Alternative D (LCCRDA) Cumulative | | |
|--------------------------------|--|------------------------------|------------------------------|--|---|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from Current Conditions) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | -4 | -6 | -9 |
| | | Butterfield Spring | 1,225 | 471 | -1 | -5 | -12 |
| | | Cold Spring | 582 | 503 | -3 | -6 | -9 |
| | | Flag Springs 3 | 969 | 560 | -1 | -5 | -11 |
| | | Hardy Springs | 200 | 73 | -1 | -2 | -3 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | -1 | -3 |
| | | Lund Spring | 3,594 | 3,314 | 0 | 0 | -1 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | 0 | -1 |
| | | Moorman Spring | 405 | 353 | 0 | -1 | -3 |
| | | Nicolas Spring | 1,185 | 872 | -5 | -7 | -9 |
| | Preston Big Spring | 3,572 | 3,794 | -2 | -5 | -7 | |
| | Pahranagat Valley (209) | Ash Springs ¹ | 6,909 | 7,453 | -2 | -2 | -3 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | -1 |
| | | Crystal Springs ¹ | 4,235 | 4,647 | -1 | -2 | -2 |
| | | Hiko Spring ¹ | 2,735 | 1,985 | -1 | -3 | -4 |
| Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | -36 | -53 | -61 | |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | -37 | -56 | -64 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | -1 | -2 | -4 | |
| | Rogers Spring | 771 | 515 | -1 | -2 | -3 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | 0 |
| | | Currie Spring | 2,181 | 1,419 | -1 | -3 | -3 |
| | | McGill Spring | 4,783 | 2,074 | -1 | -3 | -3 |
| | | Monte Neva Hot Springs | 649 | 280 | -2 | -2 | -3 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -6 | -8 | -10 |
| | | North Millick Spring | 284 | 98 | 0 | 0 | -1 |
| | | South Millick Spring | 506 | 278 | -1 | -1 | -1 |
| | Snake Valley (195) | Big Springs ¹ | 4,289 | 1,977 | -26 | -100 | -100 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | 0 | 0 |
| | | Kell Spring | 120 | 59 | 0 | 0 | 0 |
| | | Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | -2 | -6 | -12 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-6B Model Simulated Flow Changes (Cumulative)

| (Cumulative) | | | | | Alternative E (Spring, Cave, Dry Lake, Delamar Only) Cumulative | | |
|--------------------------------|--|------------------------------|------------------------------|--|---|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from Current Conditions) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | -4 | -7 | -9 |
| | | Butterfield Spring | 1,225 | 471 | -1 | -5 | -11 |
| | | Cold Spring | 582 | 503 | -3 | -6 | -9 |
| | | Flag Springs 3 | 969 | 560 | -1 | -5 | -11 |
| | | Hardy Springs | 200 | 73 | -1 | -2 | -3 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | -1 | -3 |
| | | Lund Spring | 3,594 | 3,314 | 0 | 0 | -1 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | 0 | -1 |
| | | Moorman Spring | 405 | 353 | 0 | -1 | -3 |
| | | Nicolas Spring | 1,185 | 872 | -5 | -7 | -9 |
| | Preston Big Spring | 3,572 | 3,794 | -2 | -5 | -8 | |
| | Pahranagat Valley (209) | Ash Springs ¹ | 6,909 | 7,453 | -2 | -2 | -3 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | -1 |
| | | Crystal Springs ¹ | 4,235 | 4,647 | -1 | -2 | -2 |
| Hiko Spring ¹ | | 2,735 | 1,985 | -2 | -3 | -4 | |
| Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | -37 | -54 | -61 | |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | -39 | -57 | -65 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | -1 | -2 | -4 | |
| | Rogers Spring | 771 | 515 | -1 | -2 | -3 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | -1 |
| | | Currie Spring | 2,181 | 1,419 | -1 | -3 | -3 |
| | | McGill Spring | 4,783 | 2,074 | -1 | -3 | -3 |
| | | Monte Neva Hot Springs | 649 | 280 | -2 | -2 | -3 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -19 | -39 | -52 |
| | | North Millick Spring | 284 | 98 | -4 | -10 | -11 |
| | | South Millick Spring | 506 | 278 | -11 | -21 | -25 |
| | Snake Valley (195) | Big Springs ¹ | 4,289 | 1,977 | -10 | -36 | -82 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | 0 | -1 |
| | | Kell Spring | 120 | 59 | 0 | 0 | 0 |
| | | Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | -3 | -6 | -12 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW

Table F3.3.6-7B Model Simulated Flow Changes (Cumulative)

| (Cumulative) | | | | | No Action Cumulative | | |
|--------------------------------|--|------------------------------|------------------------------|--|---|-------------------------------|--------------------------------|
| Flow System | Hydrographic Basin | Spring | Average Flow (Actual) in gpm | Model Simulated Average Flow (2005) in gpm | Incremental Change in Flow % (from Current Conditions) | | |
| | | | | | Full Build-Out | 75 years after Full Build-Out | 200 years after Full Build-Out |
| White River | White River Valley (207) | Arnoldson Spring | 1,608 | 946 | -4 | -6 | -8 |
| | | Butterfield Spring | 1,225 | 471 | 0 | -1 | -3 |
| | | Cold Spring | 582 | 503 | -3 | -6 | -9 |
| | | Flag Springs 3 | 969 | 560 | 0 | -1 | -3 |
| | | Hardy Springs | 200 | 73 | -1 | -2 | -2 |
| | | Hot Creek Spring | 5,032 | 6,899 | 0 | -1 | -1 |
| | | Lund Spring | 3,594 | 3,314 | 0 | 0 | -1 |
| | | Moon River Spring | 1,707 | 1,457 | 0 | 0 | 0 |
| | | Moorman Spring | 405 | 353 | 0 | -1 | -1 |
| | | Nicolas Spring | 1,185 | 872 | -5 | -7 | -9 |
| | Preston Big Spring | 3,572 | 3,794 | -2 | -5 | -7 | |
| | Pahranagat Valley (209) | Ash Springs ¹ | 6,909 | 7,453 | -2 | -2 | -2 |
| | | Brownie Spring | 224 | 277 | 0 | 0 | 0 |
| | | Crystal Springs ¹ | 4,235 | 4,647 | -1 | -2 | -2 |
| | | Hiko Spring ¹ | 2,735 | 1,985 | -2 | -3 | -3 |
| Muddy River Springs Area (219) | Muddy River near Moapa ¹ | 20,931 | 15,383 | -37 | -54 | -61 | |
| Lower Moapa Valley (220) | Muddy River near Glendale ¹ | 19,565 | 14,895 | -39 | -57 | -65 | |
| Black Mountains Area (215) | Blue Point Spring | 223 | 393 | -1 | -2 | -4 | |
| | Rogers Spring | 771 | 515 | -1 | -2 | -3 | |
| Goshute Valley | Steptoe Valley (179) | Campbel Ranch Springs | 2,746 | 2,088 | 0 | 0 | -1 |
| | | Currie Spring | 2,181 | 1,419 | -1 | -3 | -3 |
| | | McGill Spring | 4,783 | 2,074 | -1 | -3 | -3 |
| | | Monte Neva Hot Springs | 649 | 280 | -2 | -2 | -3 |
| Great Salt Lake Desert | Spring Valley (184) | Keegan Spring | 234 | 63 | -7 | -9 | -10 |
| | | North Millick Spring | 284 | 98 | 0 | -1 | -1 |
| | | South Millick Spring | 506 | 278 | -1 | -1 | -1 |
| | Snake Valley (195) | Big Springs ¹ | 4,289 | 1,977 | -9 | -13 | -16 |
| | | Foote Res. Spring | 1,300 | 211 | 0 | 0 | 0 |
| | | Kell Spring | 120 | 59 | 0 | 0 | 0 |
| | | Warm Creek near Gandy, UT | 7,426 | 2,697 | 0 | 0 | 0 |
| Meadow Valley | Panaca Valley (203) | Panaca Spring | 1,455 | 1,208 | -3 | -6 | -12 |

Source: SNWA 2010b

Notes: ¹ Simulated using Stream Flow Routing 2 package for MODFLOW