

**Appendix 6B2 – Sacramento – San Joaquin Delta Modeling,  
Chloride Results (DSM2-QUAL)**

The following results of the DSM2 QUAL model are included for chloride results at key project locations for the following alternatives:

- No Action Alternative 011221
- Alternative 1A 011221
- Alternative 1B 011221
- Alternative 2 011221
- Alternative 3 020121

| <b>Section</b> | <b>Output Parameters</b>                         | <b>Table Numbers</b> | <b>Figure Numbers</b> |
|----------------|--------------------------------------------------|----------------------|-----------------------|
| Chloride       | Contra Costa Pumping Plant Chloride              | 6B2-1-1a to 6B2-1-4c | 6B2-1-1 to 6B2-1-18   |
| Chloride       | San Joaquin River at Antioch Chloride            | 6B2-2-1a to 6B2-2-4c | 6B2-2-1 to 6B2-2-18   |
| Chloride       | Banks Pumping Plant South Delta Exports Chloride | 6B2-3-1a to 6B2-3-4c | 6B2-3-1 to 6B2-3-18   |
| Chloride       | Jones Pumping Plant South Delta Exports Chloride | 6B2-4-1a to 6B2-4-4c | 6B2-4-1 to 6B2-4-18   |
| Chloride       | North Bay Aqueduct Chloride                      | 6B2-5-1a to 6B2-5-4c | 6B2-5-1 to 6B2-5-18   |

#### Report formats

- Monthly tables comparing an alternative against the No Action alternative (exceedance values, long-term average, and average by water year type)
- Monthly pattern charts (long-term average and average by water year type) including all alternatives
- Monthly exceedance charts (all months) including all alternatives

Table 6B2-1-1a. Contra Costa Pumping Plant, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 208 | 197 | 215 | 234 | 105 | 56  | 45  | 31  | 33  | 94  | 140 | 196 |
| 20 %                                | 200 | 171 | 201 | 206 | 87  | 47  | 40  | 29  | 28  | 54  | 112 | 185 |
| 30 %                                | 187 | 158 | 185 | 176 | 65  | 38  | 35  | 28  | 26  | 47  | 96  | 164 |
| 40 %                                | 175 | 146 | 173 | 117 | 58  | 35  | 33  | 27  | 24  | 36  | 87  | 147 |
| 50 %                                | 152 | 122 | 161 | 89  | 50  | 31  | 31  | 26  | 24  | 29  | 69  | 132 |
| 60 %                                | 27  | 63  | 144 | 61  | 39  | 28  | 30  | 26  | 23  | 25  | 40  | 49  |
| 70 %                                | 24  | 51  | 97  | 48  | 35  | 27  | 29  | 25  | 22  | 24  | 30  | 38  |
| 80 %                                | 22  | 40  | 55  | 38  | 29  | 26  | 27  | 24  | 22  | 22  | 27  | 29  |
| 90 %                                | 21  | 27  | 33  | 30  | 28  | 24  | 25  | 22  | 21  | 21  | 23  | 23  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 113 | 110 | 139 | 115 | 58  | 36  | 33  | 28  | 29  | 44  | 72  | 108 |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 23  | 45  | 109 | 54  | 47  | 37  | 30  | 24  | 22  | 23  | 28  | 31  |
| Above Normal (15 %)                 | 24  | 54  | 143 | 113 | 53  | 37  | 33  | 26  | 23  | 24  | 34  | 41  |
| Below Normal (17 %)                 | 192 | 153 | 136 | 131 | 47  | 32  | 35  | 28  | 23  | 39  | 92  | 189 |
| Dry (22 %)                          | 181 | 162 | 143 | 143 | 63  | 33  | 34  | 29  | 26  | 60  | 108 | 153 |
| Critical (15 %)                     | 204 | 179 | 200 | 191 | 90  | 43  | 35  | 36  | 61  | 92  | 127 | 180 |

Table 6B2-1-1b. Contra Costa Pumping Plant, Alternative 1A 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 200 | 183 | 222 | 236 | 107 | 58  | 45  | 32  | 33  | 101 | 136 | 192 |
| 20 %                                | 186 | 159 | 199 | 205 | 92  | 48  | 39  | 29  | 29  | 59  | 116 | 170 |
| 30 %                                | 177 | 146 | 187 | 185 | 67  | 38  | 35  | 28  | 26  | 48  | 101 | 158 |
| 40 %                                | 160 | 131 | 174 | 133 | 61  | 35  | 33  | 27  | 24  | 37  | 92  | 145 |
| 50 %                                | 126 | 107 | 165 | 95  | 51  | 32  | 32  | 27  | 24  | 29  | 66  | 129 |
| 60 %                                | 26  | 55  | 142 | 63  | 39  | 29  | 30  | 26  | 23  | 25  | 40  | 45  |
| 70 %                                | 23  | 47  | 95  | 47  | 36  | 27  | 29  | 25  | 22  | 24  | 30  | 36  |
| 80 %                                | 22  | 39  | 60  | 41  | 30  | 26  | 27  | 24  | 22  | 22  | 27  | 28  |
| 90 %                                | 20  | 27  | 33  | 29  | 28  | 24  | 25  | 22  | 21  | 21  | 23  | 23  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 106 | 103 | 140 | 118 | 59  | 37  | 33  | 28  | 29  | 46  | 72  | 103 |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 22  | 42  | 111 | 54  | 47  | 37  | 30  | 24  | 23  | 23  | 27  | 30  |
| Above Normal (15 %)                 | 24  | 53  | 143 | 124 | 54  | 37  | 33  | 26  | 23  | 24  | 33  | 39  |
| Below Normal (17 %)                 | 172 | 151 | 137 | 133 | 49  | 32  | 36  | 28  | 23  | 38  | 85  | 165 |
| Dry (22 %)                          | 171 | 157 | 145 | 146 | 64  | 33  | 34  | 29  | 26  | 66  | 116 | 146 |
| Critical (15 %)                     | 194 | 144 | 198 | 193 | 93  | 45  | 36  | 36  | 62  | 96  | 131 | 187 |

Table 6B2-1-1c. Contra Costa Pumping Plant, Alternative 1A 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | -8  | -14 | 7   | 2   | 2   | 2   | 0   | 1   | 0   | 6   | -5  | -4  |
| 20 %                                | -14 | -12 | -1  | -1  | 5   | 1   | -1  | 0   | 0   | 5   | 4   | -15 |
| 30 %                                | -10 | -12 | 1   | 8   | 2   | 1   | 0   | 0   | 0   | 1   | 5   | -6  |
| 40 %                                | -16 | -15 | 1   | 16  | 3   | 0   | 0   | 0   | 0   | 1   | 5   | -2  |
| 50 %                                | -27 | -15 | 4   | 5   | 0   | 1   | 0   | 0   | 0   | 0   | -3  | -3  |
| 60 %                                | -1  | -8  | -3  | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -4  |
| 70 %                                | -1  | -4  | -2  | -1  | 1   | 0   | 0   | 0   | 0   | 0   | -1  | -2  |
| 80 %                                | -1  | -1  | 6   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 90 %                                | 0   | -1  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -7  | -7  | 1   | 3   | 1   | 0   | 0   | 0   | 0   | 2   | 1   | -5  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | -1  | -3  | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Above Normal (15 %)                 | 0   | -1  | 0   | 11  | 1   | 0   | 0   | 0   | 0   | 0   | -1  | -2  |
| Below Normal (17 %)                 | -20 | -2  | 2   | 2   | 1   | 0   | 0   | 0   | 0   | 0   | -7  | -24 |
| Dry (22 %)                          | -11 | -5  | 1   | 3   | 1   | 0   | 0   | 0   | 0   | 6   | 8   | -7  |
| Critical (15 %)                     | -9  | -34 | -2  | 2   | 3   | 2   | 1   | 0   | 1   | 4   | 4   | 7   |

a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-1-2a. Contra Costa Pumping Plant, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 208 | 197 | 215 | 234 | 105 | 56  | 45  | 31  | 33  | 94  | 140 | 196 |
| 20 %                                | 200 | 171 | 201 | 206 | 87  | 47  | 40  | 29  | 28  | 54  | 112 | 185 |
| 30 %                                | 187 | 158 | 185 | 176 | 65  | 38  | 35  | 28  | 26  | 47  | 96  | 164 |
| 40 %                                | 175 | 146 | 173 | 117 | 58  | 35  | 33  | 27  | 24  | 36  | 87  | 147 |
| 50 %                                | 152 | 122 | 161 | 89  | 50  | 31  | 31  | 26  | 24  | 29  | 69  | 132 |
| 60 %                                | 27  | 63  | 144 | 61  | 39  | 28  | 30  | 26  | 23  | 25  | 40  | 49  |
| 70 %                                | 24  | 51  | 97  | 48  | 35  | 27  | 29  | 25  | 22  | 24  | 30  | 38  |
| 80 %                                | 22  | 40  | 55  | 38  | 29  | 26  | 27  | 24  | 22  | 22  | 27  | 29  |
| 90 %                                | 21  | 27  | 33  | 30  | 28  | 24  | 25  | 22  | 21  | 21  | 23  | 23  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 113 | 110 | 139 | 115 | 58  | 36  | 33  | 28  | 29  | 44  | 72  | 108 |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 23  | 45  | 109 | 54  | 47  | 37  | 30  | 24  | 22  | 23  | 28  | 31  |
| Above Normal (15 %)                 | 24  | 54  | 143 | 113 | 53  | 37  | 33  | 26  | 23  | 24  | 34  | 41  |
| Below Normal (17 %)                 | 192 | 153 | 136 | 131 | 47  | 32  | 35  | 28  | 23  | 39  | 92  | 189 |
| Dry (22 %)                          | 181 | 162 | 143 | 143 | 63  | 33  | 34  | 29  | 26  | 60  | 108 | 153 |
| Critical (15 %)                     | 204 | 179 | 200 | 191 | 90  | 43  | 35  | 36  | 61  | 92  | 127 | 180 |

Table 6B2-1-2b. Contra Costa Pumping Plant, Alternative 1B 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 205 | 189 | 217 | 236 | 105 | 55  | 45  | 33  | 33  | 100 | 137 | 192 |
| 20 %                                | 186 | 162 | 200 | 205 | 92  | 48  | 39  | 29  | 29  | 59  | 117 | 170 |
| 30 %                                | 177 | 151 | 188 | 185 | 67  | 38  | 35  | 28  | 26  | 48  | 100 | 157 |
| 40 %                                | 162 | 134 | 175 | 138 | 61  | 36  | 33  | 27  | 25  | 37  | 91  | 146 |
| 50 %                                | 137 | 114 | 165 | 93  | 50  | 31  | 31  | 27  | 24  | 29  | 66  | 123 |
| 60 %                                | 26  | 55  | 146 | 63  | 39  | 28  | 30  | 26  | 23  | 25  | 40  | 46  |
| 70 %                                | 23  | 48  | 93  | 47  | 36  | 27  | 29  | 25  | 22  | 24  | 30  | 36  |
| 80 %                                | 22  | 39  | 60  | 41  | 30  | 26  | 27  | 24  | 22  | 22  | 27  | 28  |
| 90 %                                | 20  | 27  | 32  | 29  | 28  | 24  | 25  | 22  | 21  | 21  | 23  | 23  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 108 | 104 | 141 | 118 | 59  | 37  | 33  | 28  | 29  | 46  | 73  | 103 |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 22  | 42  | 111 | 55  | 48  | 37  | 30  | 24  | 23  | 23  | 27  | 30  |
| Above Normal (15 %)                 | 25  | 54  | 143 | 124 | 54  | 37  | 34  | 26  | 23  | 24  | 33  | 39  |
| Below Normal (17 %)                 | 172 | 150 | 136 | 133 | 49  | 32  | 36  | 28  | 23  | 38  | 84  | 164 |
| Dry (22 %)                          | 175 | 162 | 148 | 145 | 64  | 33  | 34  | 29  | 26  | 67  | 117 | 147 |
| Critical (15 %)                     | 202 | 147 | 199 | 194 | 93  | 45  | 36  | 36  | 62  | 97  | 131 | 191 |

Table 6B2-1-2c. Contra Costa Pumping Plant, Alternative 1B 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | -3  | -8  | 2   | 2   | 0   | -1  | 1   | 1   | 0   | 6   | -3  | -4  |
| 20 %                                | -14 | -9  | 0   | -1  | 5   | 1   | -1  | 0   | 0   | 5   | 5   | -15 |
| 30 %                                | -10 | -6  | 3   | 9   | 2   | 1   | 0   | 0   | 0   | 2   | 4   | -7  |
| 40 %                                | -14 | -13 | 2   | 20  | 3   | 0   | 0   | 0   | 0   | 1   | 4   | -1  |
| 50 %                                | -16 | -8  | 4   | 4   | -1  | 0   | 0   | 0   | 0   | 0   | -3  | -9  |
| 60 %                                | -1  | -8  | 1   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -4  |
| 70 %                                | -1  | -3  | -4  | -1  | 1   | 0   | 0   | 0   | 0   | 0   | -1  | -2  |
| 80 %                                | 0   | -1  | 6   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 90 %                                | 0   | -1  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -5  | -6  | 2   | 3   | 1   | 0   | 0   | 0   | 0   | 2   | 1   | -5  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | -1  | -3  | 2   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Above Normal (15 %)                 | 0   | 0   | 0   | 11  | 1   | 0   | 1   | 0   | 0   | 0   | -1  | -1  |
| Below Normal (17 %)                 | -21 | -3  | 0   | 2   | 1   | 0   | 0   | 0   | 0   | 0   | -8  | -25 |
| Dry (22 %)                          | -6  | 0   | 5   | 1   | 1   | 0   | 0   | 0   | 0   | 7   | 8   | -6  |
| Critical (15 %)                     | -2  | -31 | -1  | 3   | 2   | 2   | 1   | 0   | 1   | 4   | 4   | 11  |

a Based on the 82-year simulation period.  
b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).  
c These results are displayed with calendar year - year type sorting.  
d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-1-3a. Contra Costa Pumping Plant, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 208 | 197 | 215 | 234 | 105 | 56  | 45  | 31  | 33  | 94  | 140 | 196 |
| 20 %                                | 200 | 171 | 201 | 206 | 87  | 47  | 40  | 29  | 28  | 54  | 112 | 185 |
| 30 %                                | 187 | 158 | 185 | 176 | 65  | 38  | 35  | 28  | 26  | 47  | 96  | 164 |
| 40 %                                | 175 | 146 | 173 | 117 | 58  | 35  | 33  | 27  | 24  | 36  | 87  | 147 |
| 50 %                                | 152 | 122 | 161 | 89  | 50  | 31  | 31  | 26  | 24  | 29  | 69  | 132 |
| 60 %                                | 27  | 63  | 144 | 61  | 39  | 28  | 30  | 26  | 23  | 25  | 40  | 49  |
| 70 %                                | 24  | 51  | 97  | 48  | 35  | 27  | 29  | 25  | 22  | 24  | 30  | 38  |
| 80 %                                | 22  | 40  | 55  | 38  | 29  | 26  | 27  | 24  | 22  | 22  | 27  | 29  |
| 90 %                                | 21  | 27  | 33  | 30  | 28  | 24  | 25  | 22  | 21  | 21  | 23  | 23  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 113 | 110 | 139 | 115 | 58  | 36  | 33  | 28  | 29  | 44  | 72  | 108 |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 23  | 45  | 109 | 54  | 47  | 37  | 30  | 24  | 22  | 23  | 28  | 31  |
| Above Normal (15 %)                 | 24  | 54  | 143 | 113 | 53  | 37  | 33  | 26  | 23  | 24  | 34  | 41  |
| Below Normal (17 %)                 | 192 | 153 | 136 | 131 | 47  | 32  | 35  | 28  | 23  | 39  | 92  | 189 |
| Dry (22 %)                          | 181 | 162 | 143 | 143 | 63  | 33  | 34  | 29  | 26  | 60  | 108 | 153 |
| Critical (15 %)                     | 204 | 179 | 200 | 191 | 90  | 43  | 35  | 36  | 61  | 92  | 127 | 180 |

Table 6B2-1-3b. Contra Costa Pumping Plant, Alternative 2 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 199 | 183 | 222 | 236 | 105 | 55  | 45  | 32  | 33  | 101 | 137 | 191 |
| 20 %                                | 187 | 159 | 201 | 205 | 92  | 48  | 40  | 29  | 29  | 58  | 115 | 169 |
| 30 %                                | 178 | 147 | 188 | 184 | 67  | 39  | 35  | 28  | 26  | 48  | 101 | 157 |
| 40 %                                | 162 | 132 | 176 | 144 | 61  | 35  | 33  | 27  | 24  | 37  | 92  | 145 |
| 50 %                                | 126 | 110 | 167 | 95  | 51  | 31  | 32  | 27  | 24  | 29  | 66  | 127 |
| 60 %                                | 26  | 59  | 144 | 63  | 39  | 29  | 30  | 26  | 23  | 25  | 40  | 45  |
| 70 %                                | 23  | 47  | 98  | 47  | 36  | 27  | 29  | 25  | 22  | 24  | 30  | 36  |
| 80 %                                | 22  | 39  | 60  | 41  | 30  | 26  | 27  | 24  | 22  | 22  | 27  | 28  |
| 90 %                                | 20  | 27  | 33  | 29  | 28  | 24  | 25  | 22  | 21  | 21  | 23  | 23  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 106 | 103 | 141 | 119 | 59  | 37  | 33  | 28  | 29  | 46  | 72  | 102 |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 22  | 43  | 111 | 54  | 47  | 37  | 30  | 24  | 23  | 23  | 27  | 30  |
| Above Normal (15 %)                 | 24  | 53  | 143 | 124 | 54  | 37  | 33  | 26  | 23  | 24  | 33  | 39  |
| Below Normal (17 %)                 | 170 | 151 | 138 | 136 | 49  | 32  | 36  | 28  | 23  | 38  | 85  | 164 |
| Dry (22 %)                          | 171 | 156 | 149 | 145 | 64  | 33  | 34  | 29  | 26  | 66  | 116 | 146 |
| Critical (15 %)                     | 195 | 146 | 199 | 194 | 93  | 45  | 36  | 36  | 62  | 96  | 130 | 184 |

Table 6B2-1-3c. Contra Costa Pumping Plant, Alternative 2 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | -10 | -14 | 7   | 2   | 0   | -1  | 0   | 1   | 0   | 6   | -3  | -5  |
| 20 %                                | -13 | -12 | 0   | -1  | 6   | 1   | -1  | 0   | 0   | 5   | 3   | -16 |
| 30 %                                | -9  | -10 | 3   | 8   | 2   | 1   | 0   | 0   | 0   | 1   | 5   | -7  |
| 40 %                                | -13 | -14 | 2   | 26  | 3   | 0   | 0   | 0   | 0   | 1   | 5   | -3  |
| 50 %                                | -26 | -13 | 6   | 5   | 1   | 0   | 0   | 0   | 0   | 0   | -3  | -6  |
| 60 %                                | -1  | -5  | 0   | 2   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | -4  |
| 70 %                                | -1  | -4  | 1   | -1  | 1   | 0   | 0   | 0   | 0   | 0   | -1  | -2  |
| 80 %                                | -1  | -1  | 6   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 90 %                                | 0   | -1  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -8  | -7  | 2   | 3   | 1   | 0   | 0   | 0   | 0   | 2   | 1   | -6  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | -1  | -2  | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  |
| Above Normal (15 %)                 | -1  | -1  | 0   | 11  | 1   | 0   | 0   | 0   | 0   | 0   | -1  | -2  |
| Below Normal (17 %)                 | -22 | -2  | 2   | 4   | 2   | 0   | 0   | 0   | 0   | 0   | -7  | -25 |
| Dry (22 %)                          | -10 | -6  | 5   | 2   | 1   | 0   | 0   | 0   | 0   | 6   | 8   | -6  |
| Critical (15 %)                     | -9  | -32 | -2  | 4   | 3   | 2   | 1   | 0   | 1   | 4   | 3   | 4   |

a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-1-4a. Contra Costa Pumping Plant, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 208 | 197 | 215 | 234 | 105 | 56  | 45  | 31  | 33  | 94  | 140 | 196 |
| 20 %                                | 200 | 171 | 201 | 206 | 87  | 47  | 40  | 29  | 28  | 54  | 112 | 185 |
| 30 %                                | 187 | 158 | 185 | 176 | 65  | 38  | 35  | 28  | 26  | 47  | 96  | 164 |
| 40 %                                | 175 | 146 | 173 | 117 | 58  | 35  | 33  | 27  | 24  | 36  | 87  | 147 |
| 50 %                                | 152 | 122 | 161 | 89  | 50  | 31  | 31  | 26  | 24  | 29  | 69  | 132 |
| 60 %                                | 27  | 63  | 144 | 61  | 39  | 28  | 30  | 26  | 23  | 25  | 40  | 49  |
| 70 %                                | 24  | 51  | 97  | 48  | 35  | 27  | 29  | 25  | 22  | 24  | 30  | 38  |
| 80 %                                | 22  | 40  | 55  | 38  | 29  | 26  | 27  | 24  | 22  | 22  | 27  | 29  |
| 90 %                                | 21  | 27  | 33  | 30  | 28  | 24  | 25  | 22  | 21  | 21  | 23  | 23  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 113 | 110 | 139 | 115 | 58  | 36  | 33  | 28  | 29  | 44  | 72  | 108 |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 23  | 45  | 109 | 54  | 47  | 37  | 30  | 24  | 22  | 23  | 28  | 31  |
| Above Normal (15 %)                 | 24  | 54  | 143 | 113 | 53  | 37  | 33  | 26  | 23  | 24  | 34  | 41  |
| Below Normal (17 %)                 | 192 | 153 | 136 | 131 | 47  | 32  | 35  | 28  | 23  | 39  | 92  | 189 |
| Dry (22 %)                          | 181 | 162 | 143 | 143 | 63  | 33  | 34  | 29  | 26  | 60  | 108 | 153 |
| Critical (15 %)                     | 204 | 179 | 200 | 191 | 90  | 43  | 35  | 36  | 61  | 92  | 127 | 180 |

Table 6B2-1-4b. Contra Costa Pumping Plant, Alternative 3 020121, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 207 | 186 | 220 | 236 | 105 | 59  | 45  | 32  | 33  | 95  | 137 | 193 |
| 20 %                                | 186 | 162 | 202 | 204 | 92  | 47  | 40  | 29  | 29  | 57  | 113 | 170 |
| 30 %                                | 181 | 146 | 192 | 182 | 69  | 38  | 35  | 28  | 26  | 48  | 103 | 161 |
| 40 %                                | 166 | 135 | 176 | 141 | 60  | 35  | 33  | 27  | 25  | 37  | 87  | 147 |
| 50 %                                | 141 | 120 | 169 | 97  | 52  | 31  | 32  | 27  | 24  | 29  | 66  | 128 |
| 60 %                                | 27  | 56  | 144 | 62  | 39  | 29  | 30  | 26  | 23  | 25  | 39  | 45  |
| 70 %                                | 24  | 47  | 96  | 46  | 36  | 27  | 29  | 25  | 22  | 24  | 30  | 36  |
| 80 %                                | 22  | 40  | 59  | 40  | 30  | 26  | 27  | 24  | 22  | 22  | 27  | 28  |
| 90 %                                | 20  | 27  | 33  | 29  | 28  | 24  | 25  | 23  | 21  | 21  | 23  | 23  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 109 | 104 | 142 | 119 | 59  | 37  | 33  | 28  | 29  | 46  | 73  | 105 |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 22  | 42  | 111 | 54  | 47  | 37  | 31  | 24  | 23  | 23  | 27  | 30  |
| Above Normal (15 %)                 | 25  | 56  | 140 | 123 | 55  | 37  | 33  | 26  | 23  | 24  | 33  | 39  |
| Below Normal (17 %)                 | 174 | 155 | 134 | 141 | 50  | 32  | 35  | 28  | 23  | 38  | 84  | 166 |
| Dry (22 %)                          | 173 | 154 | 154 | 144 | 62  | 32  | 34  | 29  | 26  | 66  | 115 | 150 |
| Critical (15 %)                     | 205 | 152 | 200 | 192 | 91  | 45  | 36  | 36  | 63  | 96  | 134 | 194 |

Table 6B2-1-4c. Contra Costa Pumping Plant, Alternative 3 020121 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | -1  | -11 | 5   | 1   | 0   | 3   | 1   | 0   | 0   | 1   | -3  | -3  |
| 20 %                                | -14 | -9  | 2   | -2  | 5   | 0   | -1  | 0   | 1   | 3   | 1   | -15 |
| 30 %                                | -5  | -11 | 6   | 6   | 3   | 0   | 0   | 0   | 0   | 2   | 7   | -3  |
| 40 %                                | -9  | -12 | 3   | 24  | 2   | 0   | 0   | 0   | 0   | 1   | 0   | 0   |
| 50 %                                | -11 | -3  | 8   | 7   | 1   | 0   | 0   | 0   | 0   | 0   | -4  | -5  |
| 60 %                                | 1   | -7  | 0   | 1   | 1   | 1   | 0   | 0   | 0   | 0   | -1  | -4  |
| 70 %                                | 0   | -4  | -1  | -2  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | -2  |
| 80 %                                | 0   | 0   | 4   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 90 %                                | -1  | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -5  | -6  | 2   | 3   | 1   | 0   | 0   | 0   | 0   | 2   | 1   | -3  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | -1  | -3  | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Above Normal (15 %)                 | 1   | 2   | -3  | 10  | 2   | 0   | 0   | 0   | 0   | 0   | -1  | -1  |
| Below Normal (17 %)                 | -18 | 2   | -2  | 10  | 2   | 0   | 0   | 0   | 0   | 0   | -8  | -23 |
| Dry (22 %)                          | -8  | -8  | 10  | 1   | -1  | 0   | 0   | 0   | 0   | 6   | 7   | -2  |
| Critical (15 %)                     | 1   | -27 | -1  | 1   | 1   | 2   | 1   | 0   | 2   | 4   | 7   | 15  |

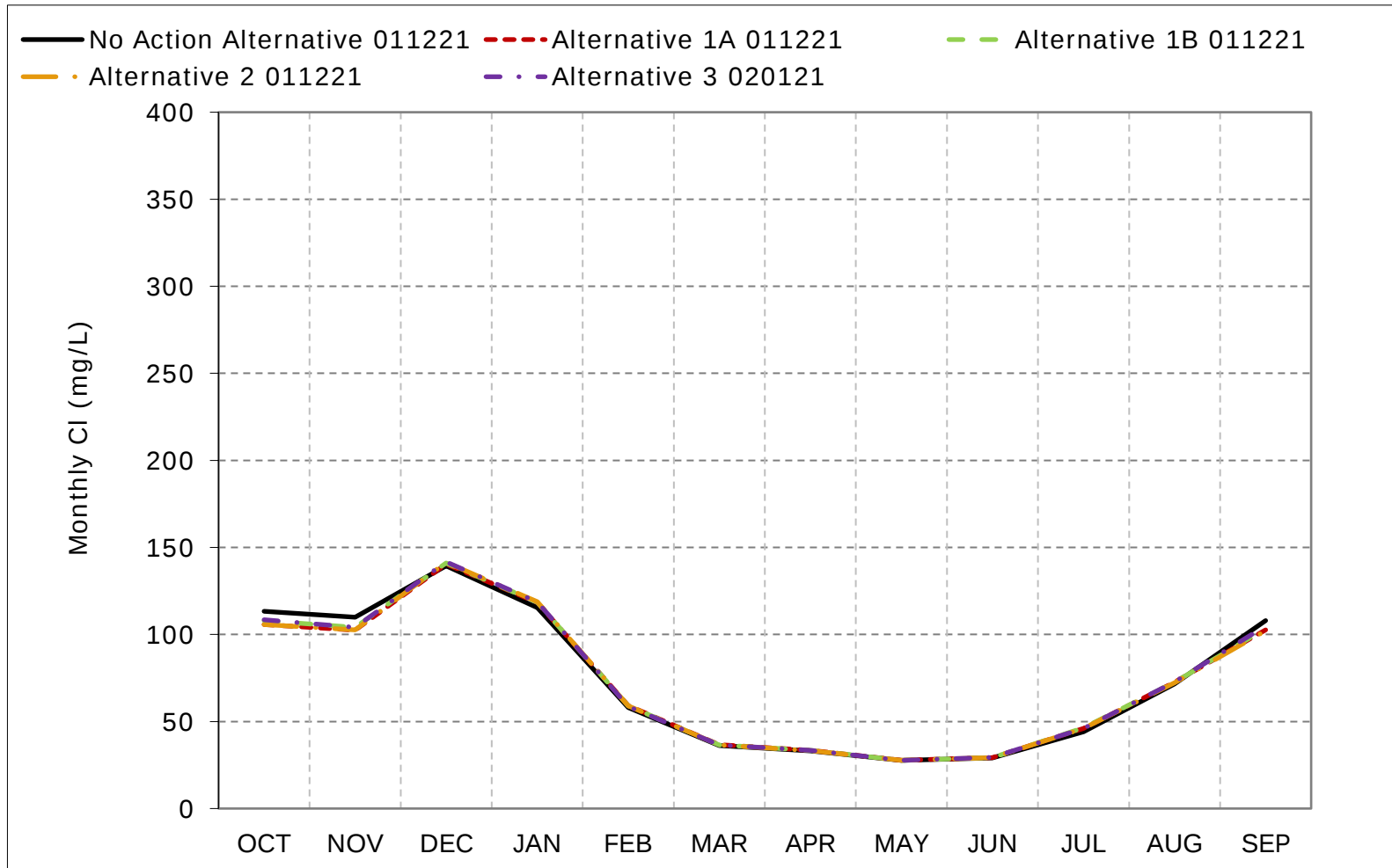
a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-1. Contra Costa Pumping Plant, Long-Term Average Cl**

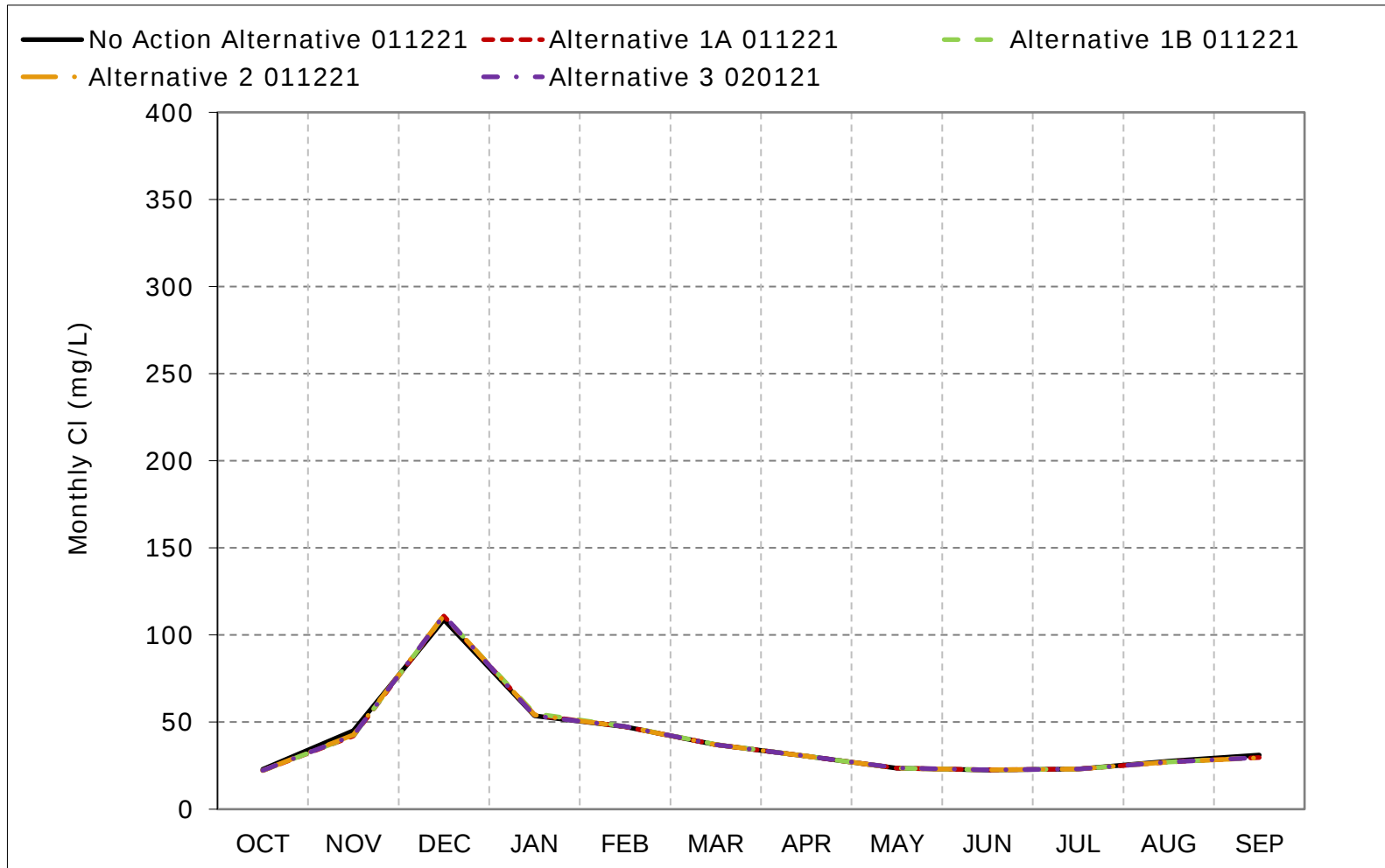


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-2. Contra Costa Pumping Plant, Wet Year Average Cl**

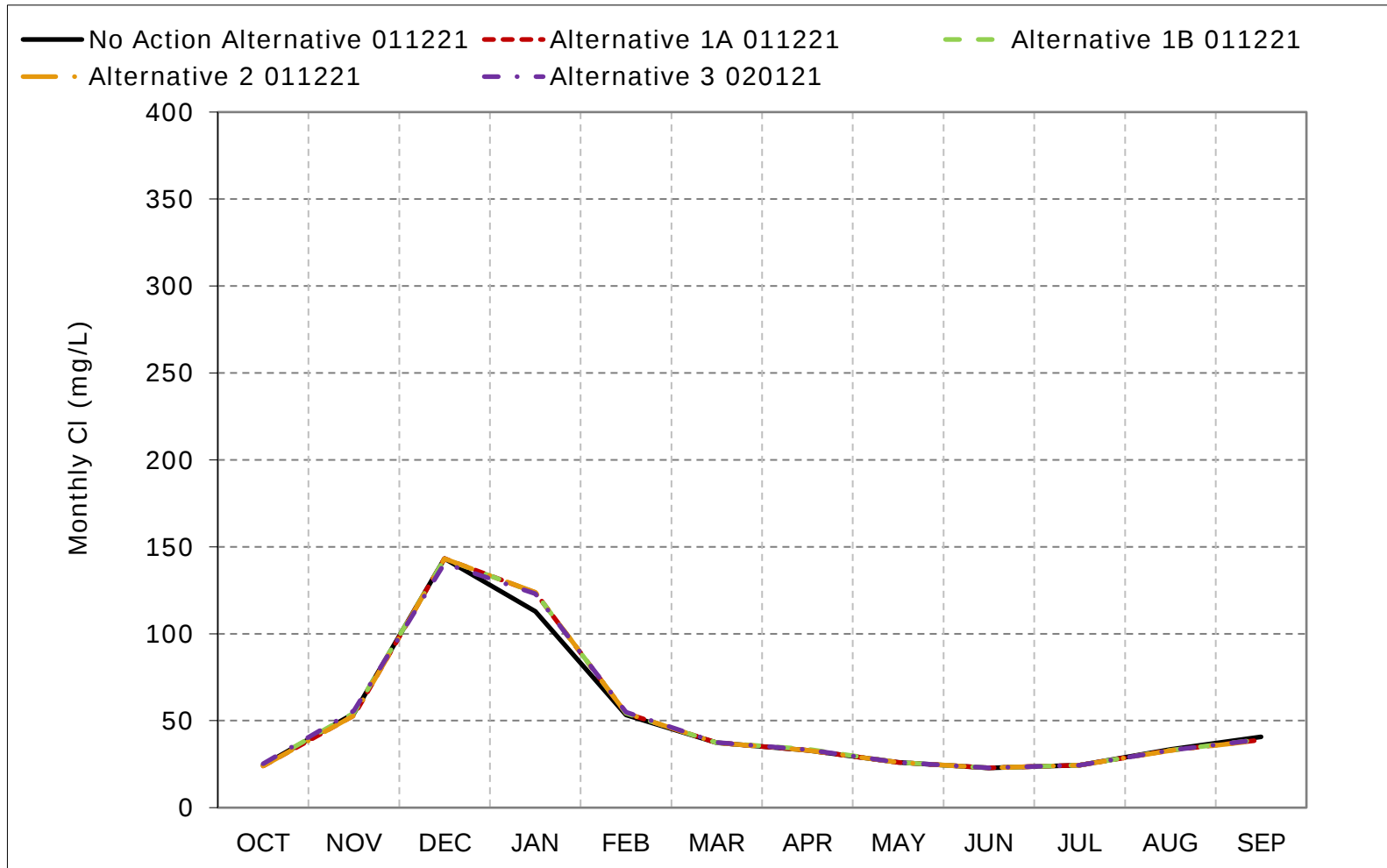


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-3. Contra Costa Pumping Plant, Above Normal Year Average CI**

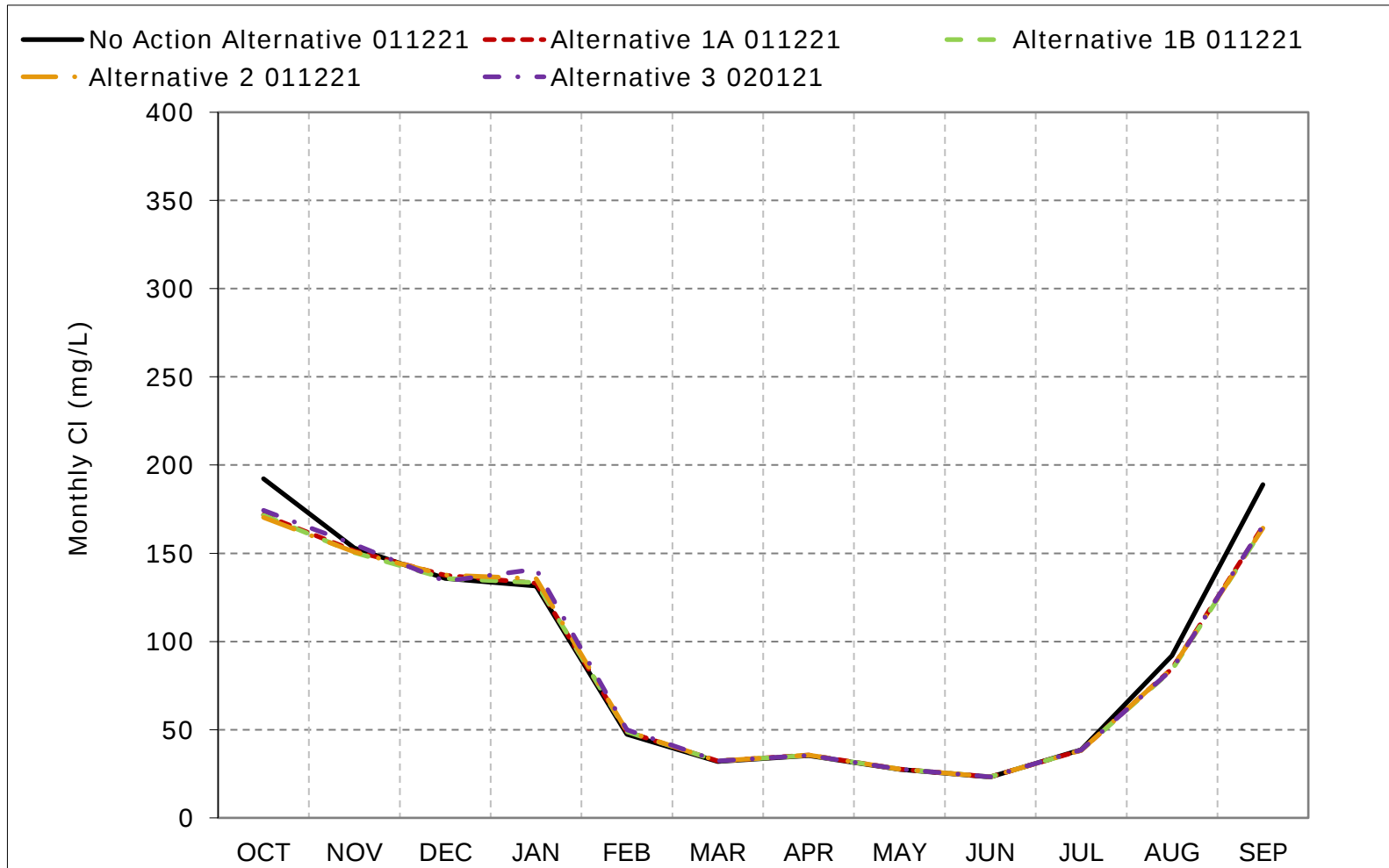


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-4. Contra Costa Pumping Plant, Below Normal Year Average CI**

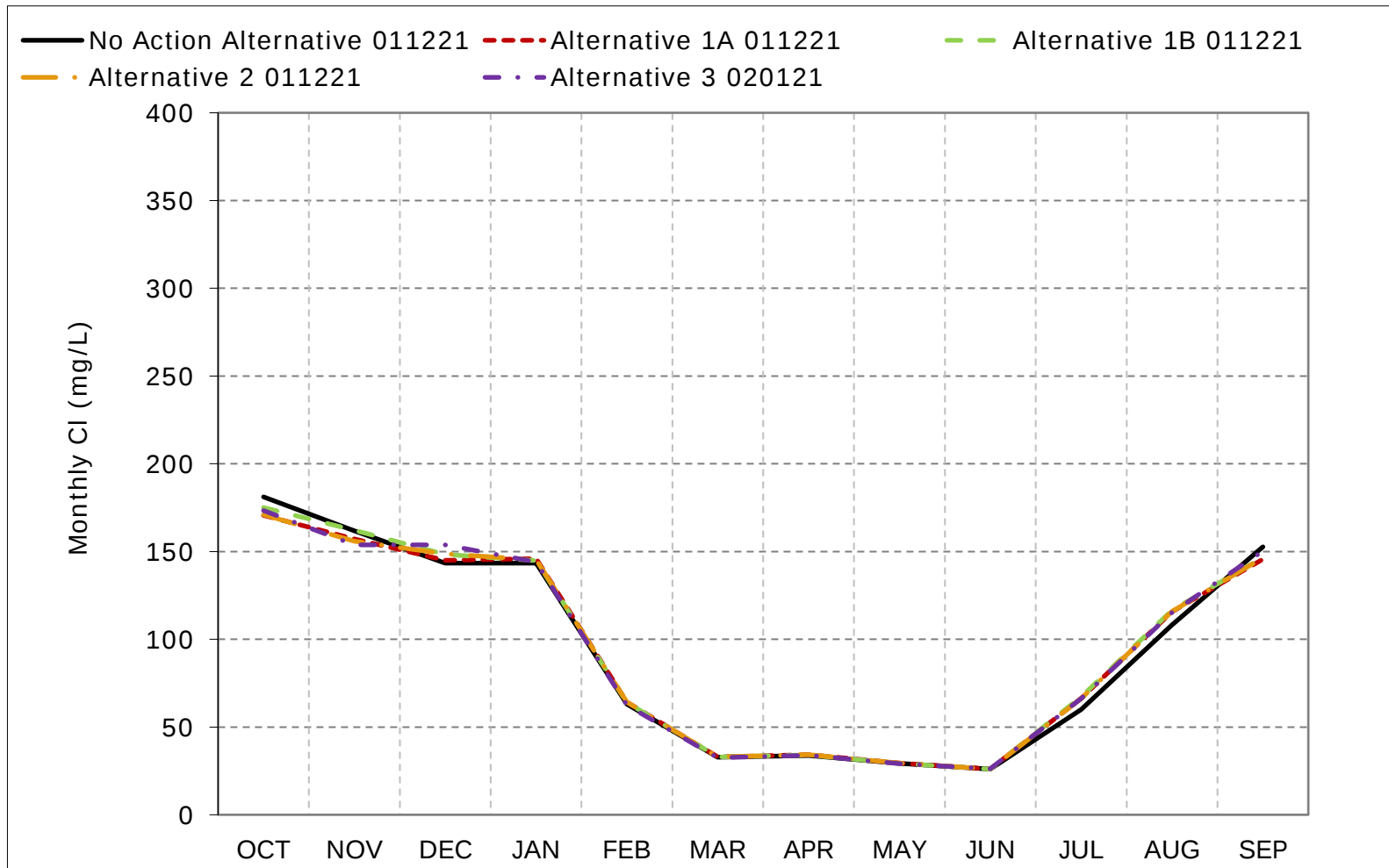


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-5. Contra Costa Pumping Plant, Dry Year Average CI**

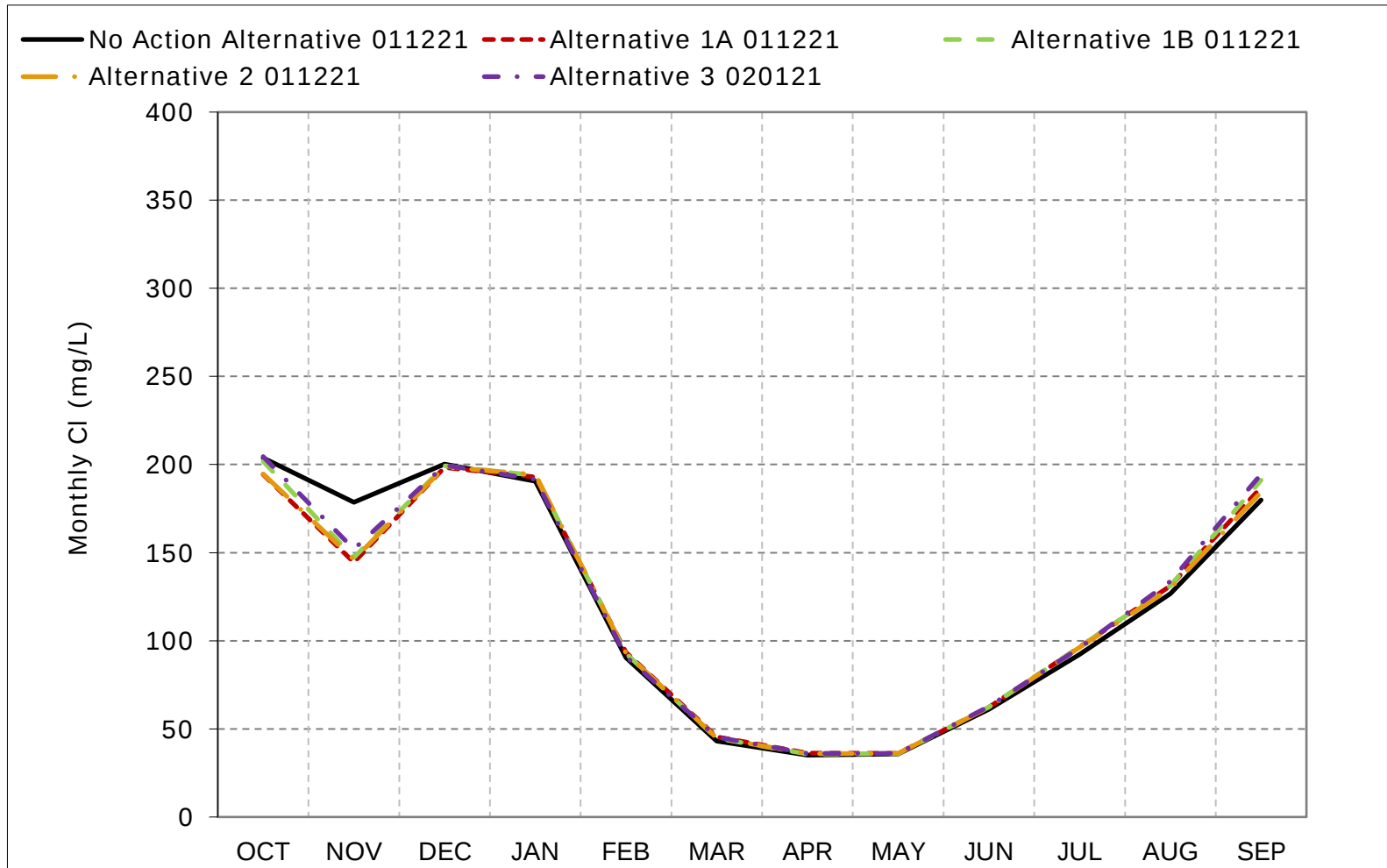


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-6. Contra Costa Pumping Plant, Critical Year Average CI**

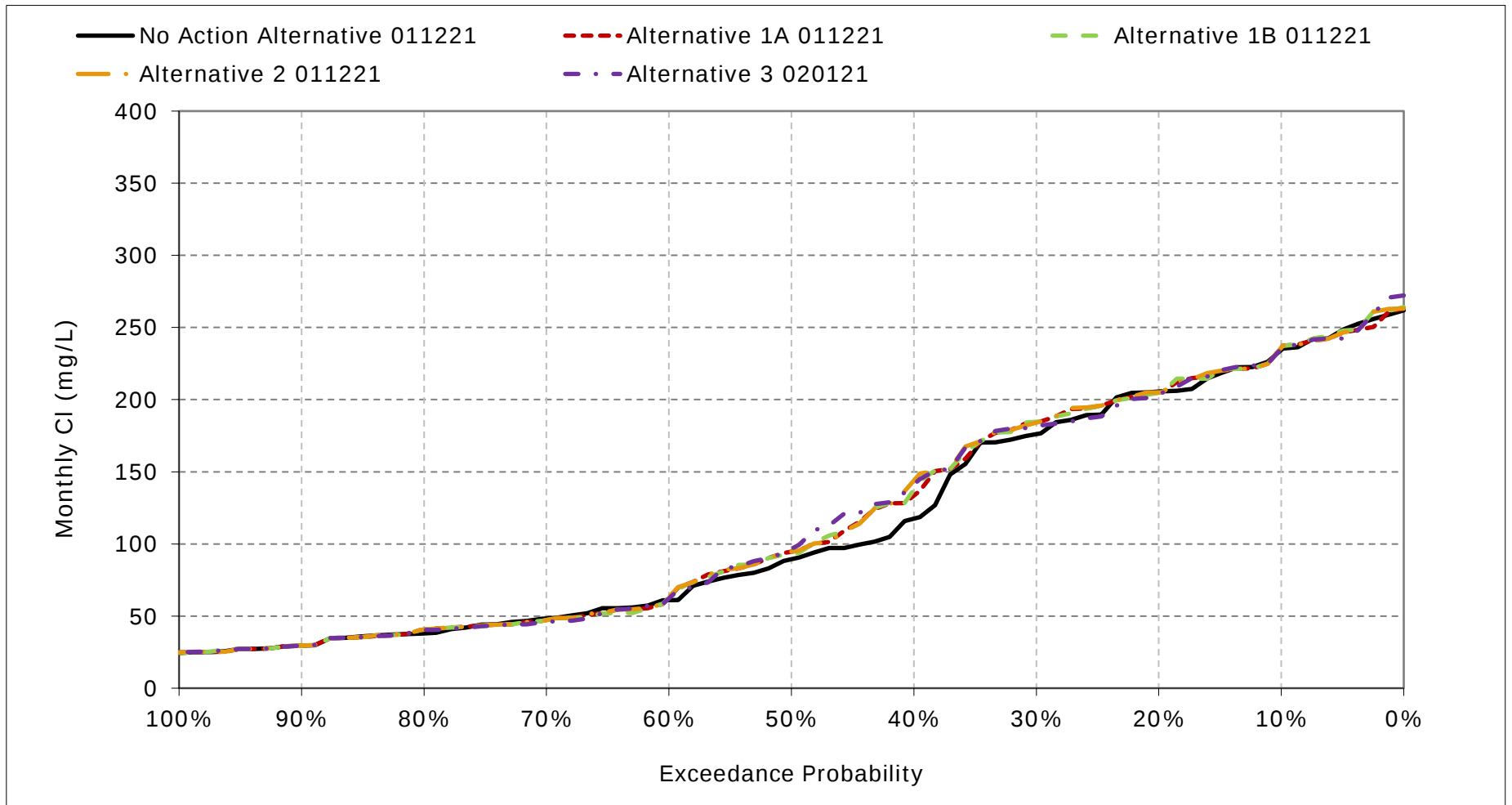


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

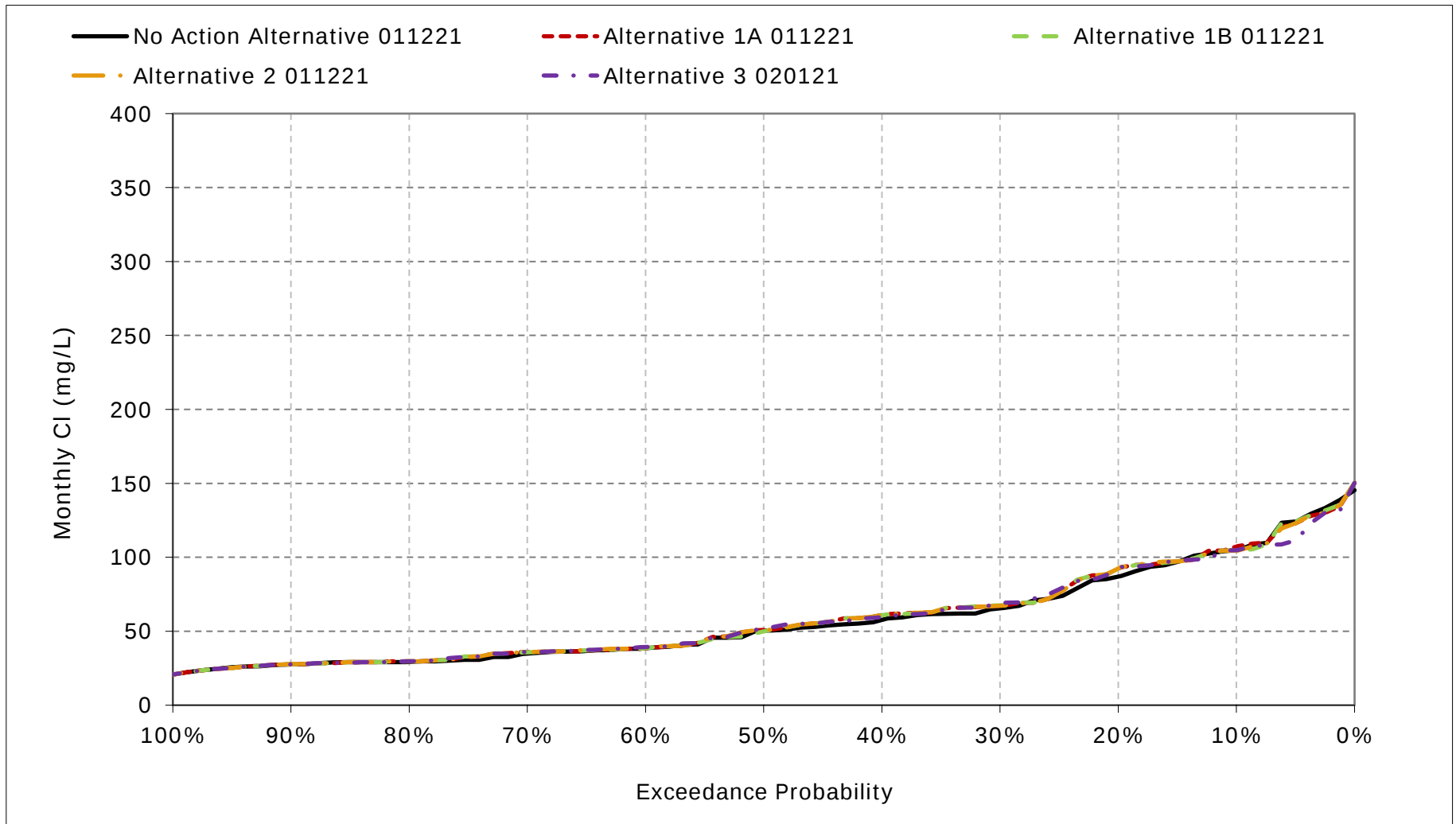
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-7. Contra Costa Pumping Plant Chloride, January CI**



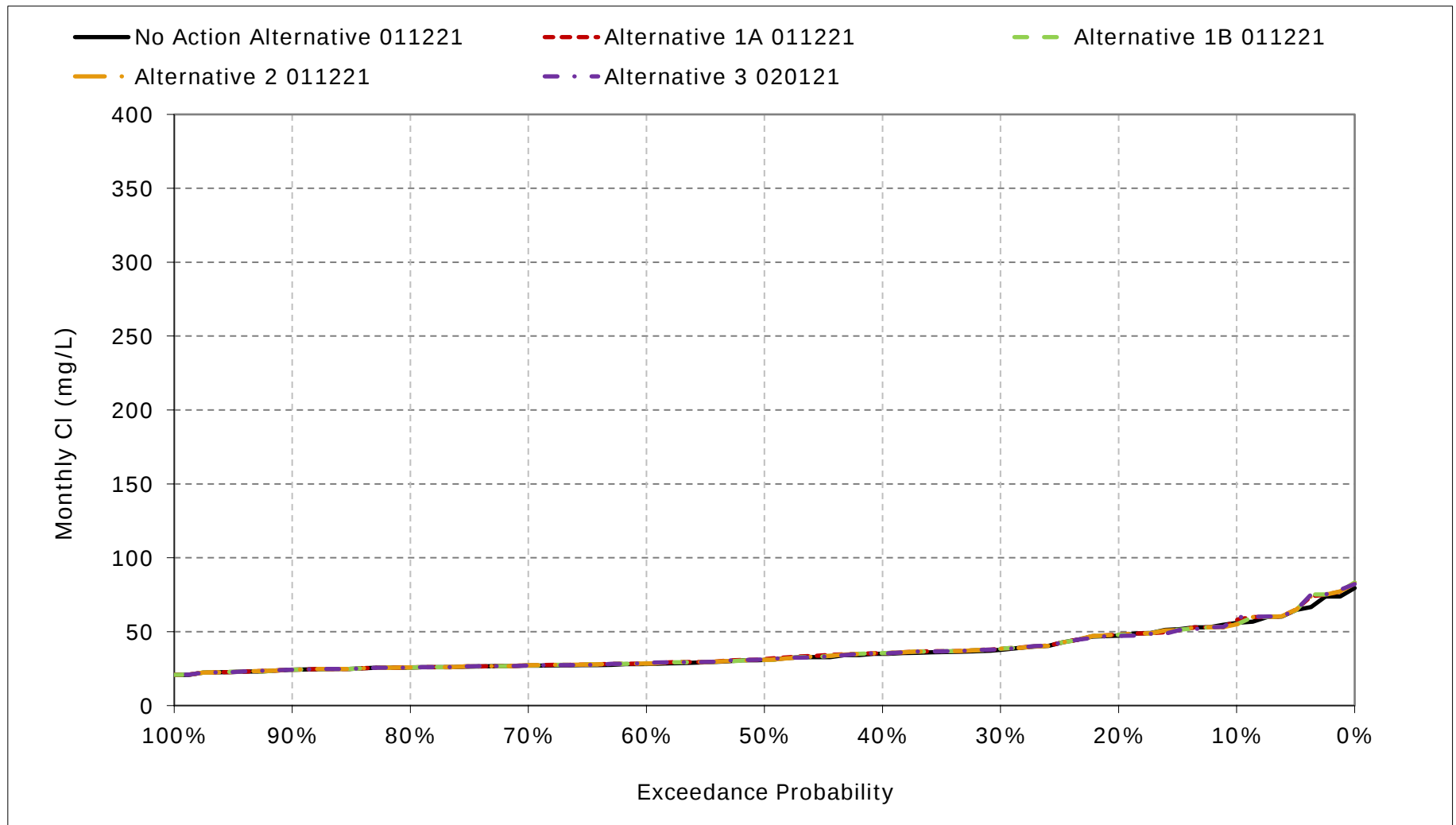
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-8. Contra Costa Pumping Plant Chloride, February CI**



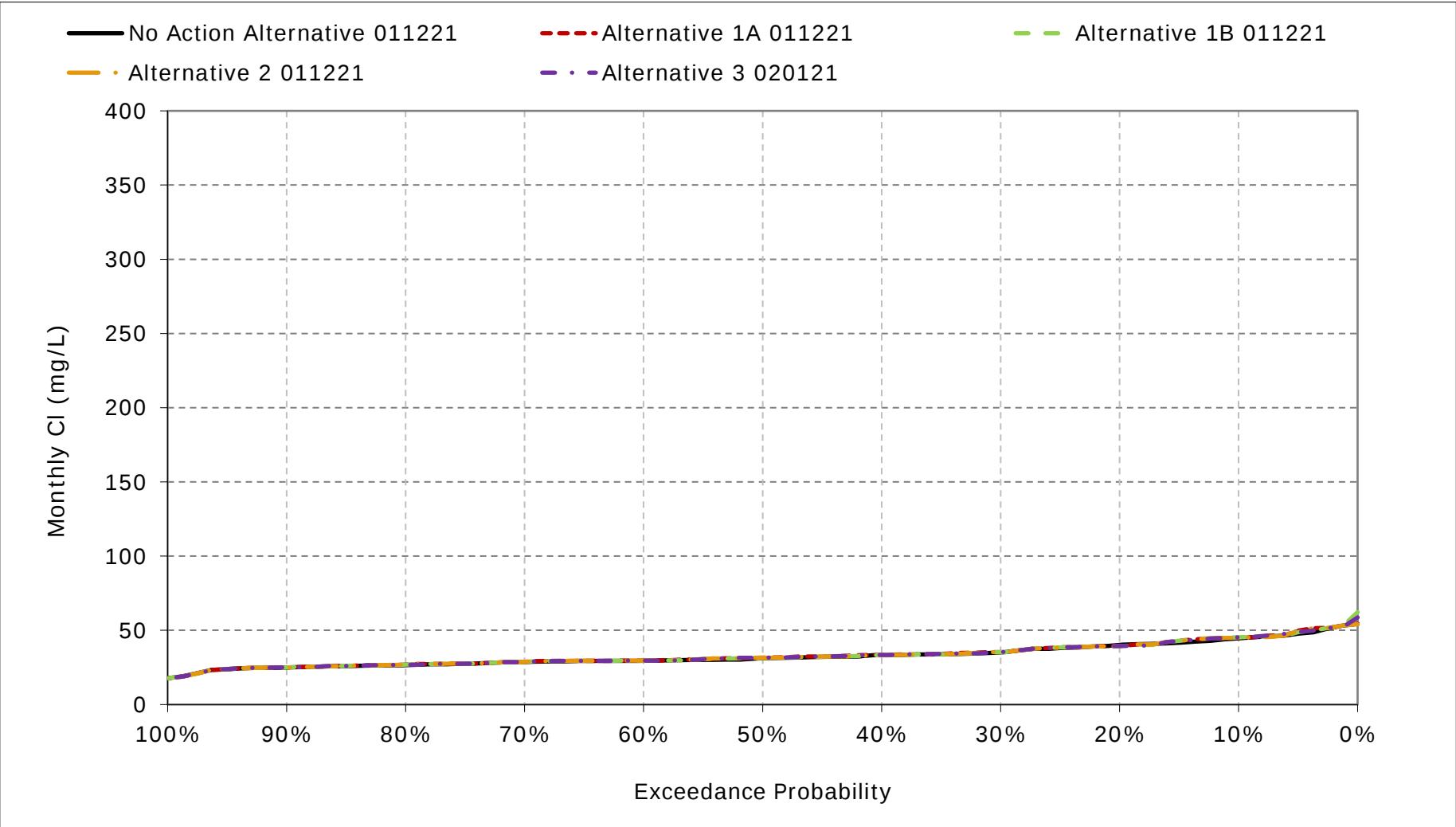
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-9. Contra Costa Pumping Plant Chloride, March CI**



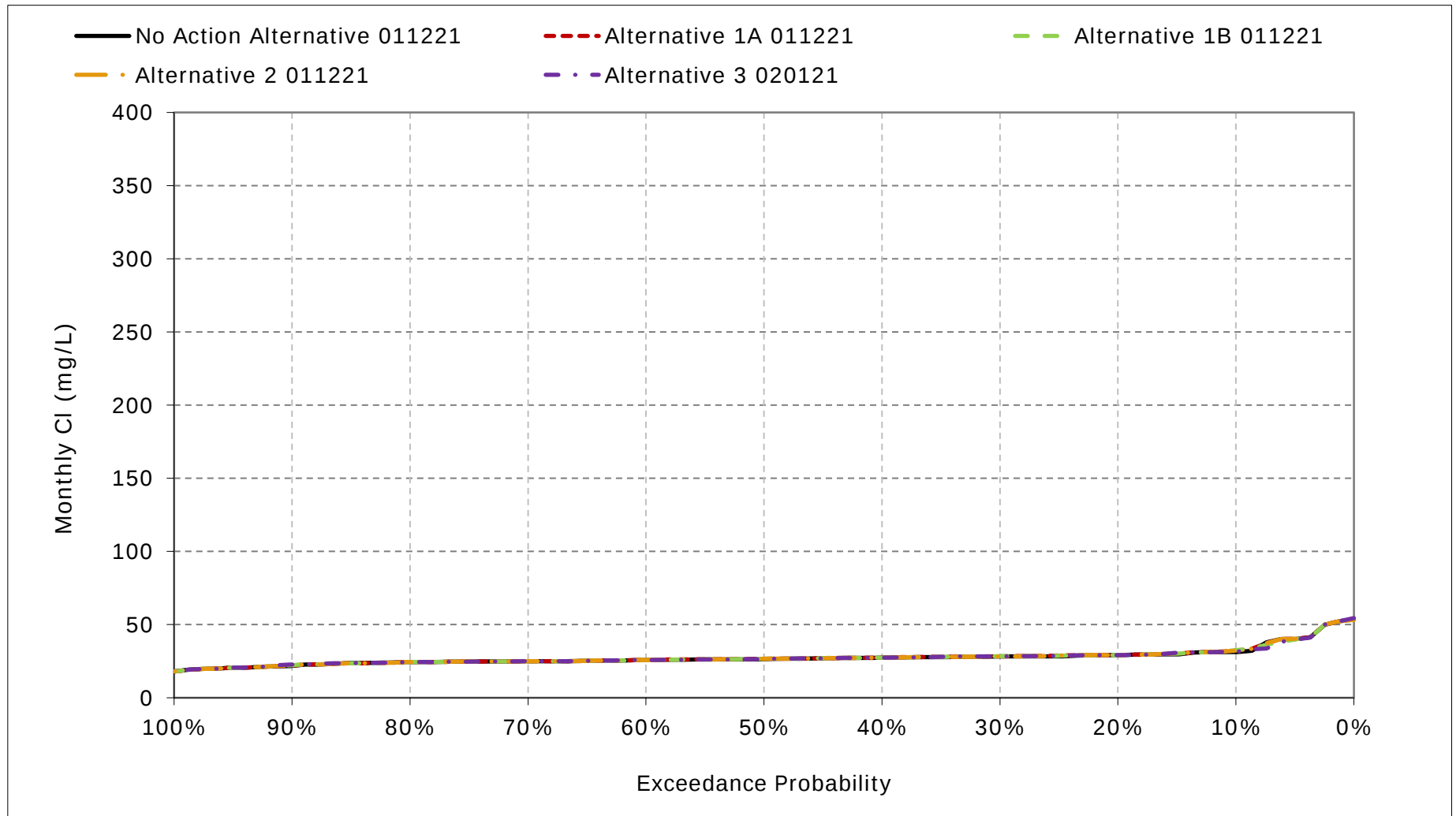
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-1-10. Contra Costa Pumping Plant Chloride, April CI



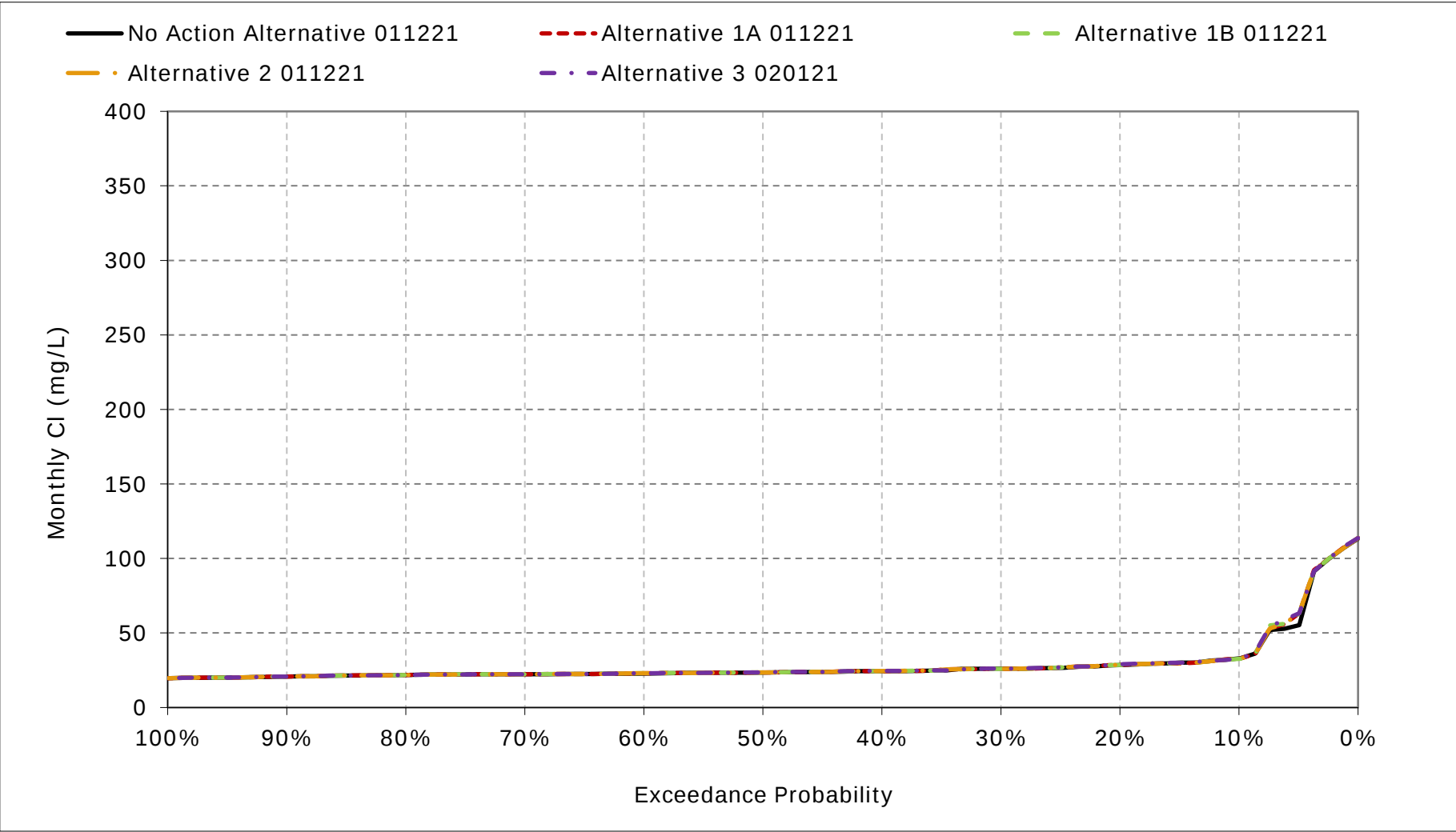
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-11. Contra Costa Pumping Plant Chloride, May CI**



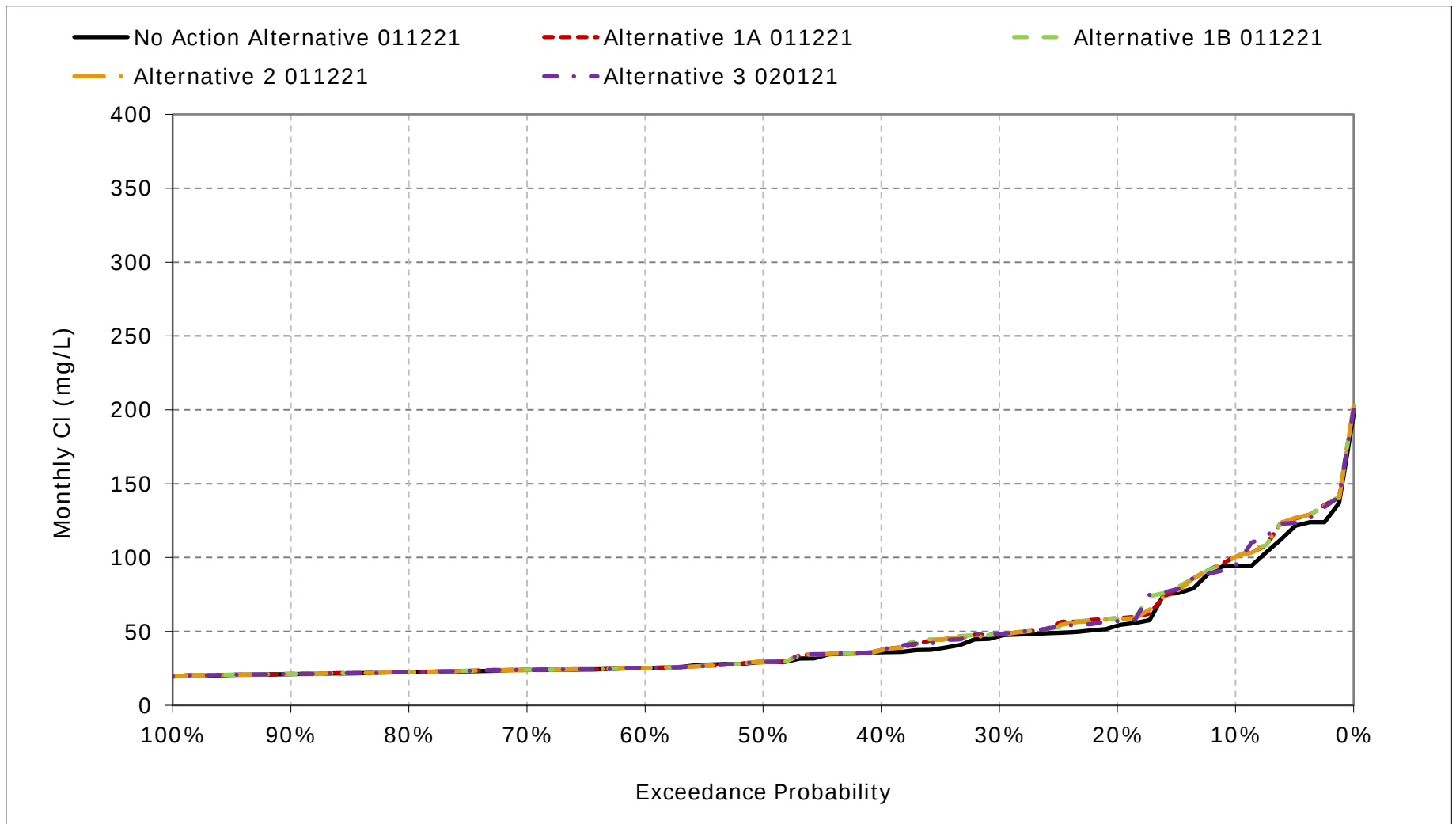
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-1-12. Contra Costa Pumping Plant Chloride, June CI



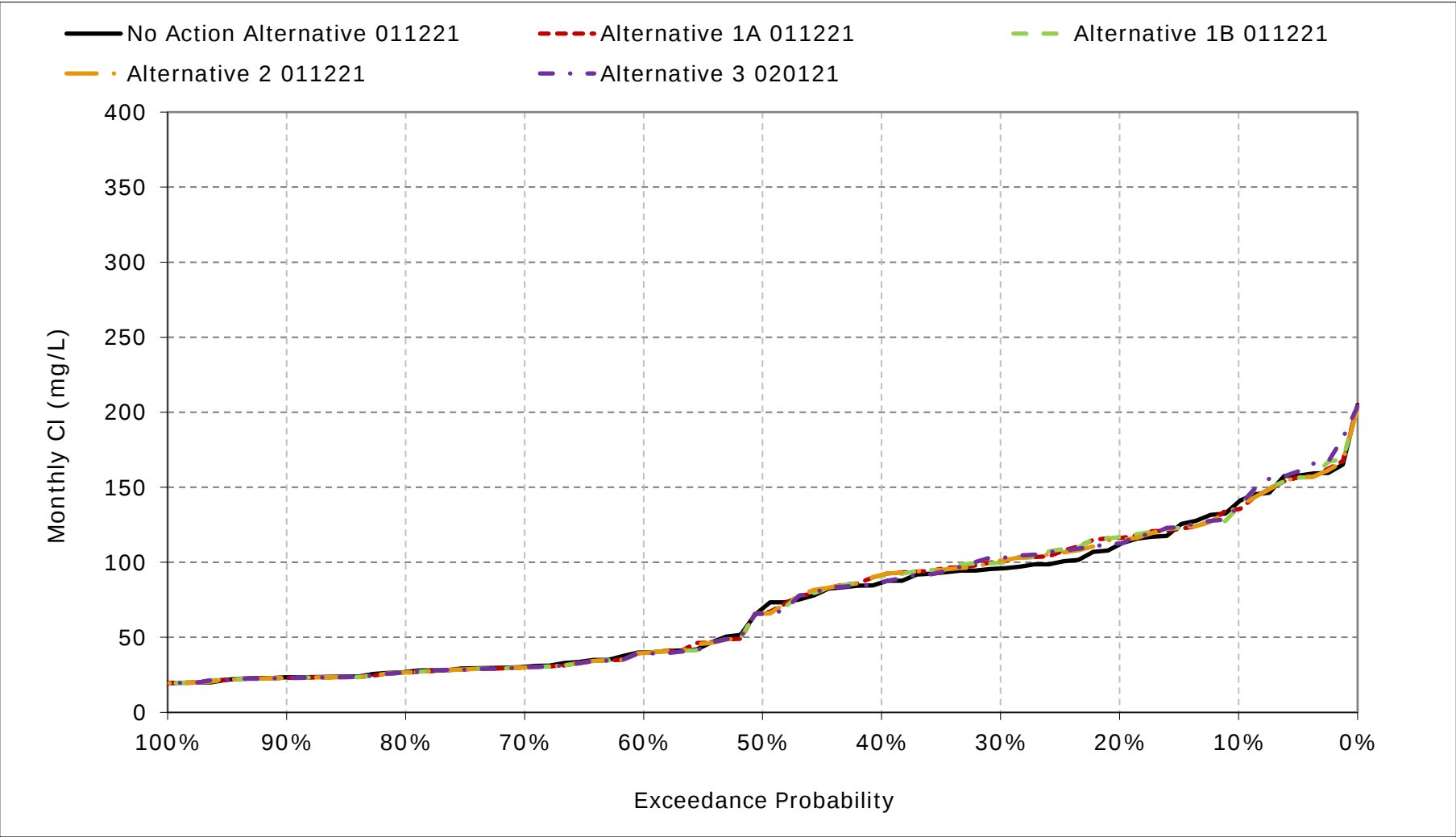
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-13. Contra Costa Pumping Plant Chloride, July CI**



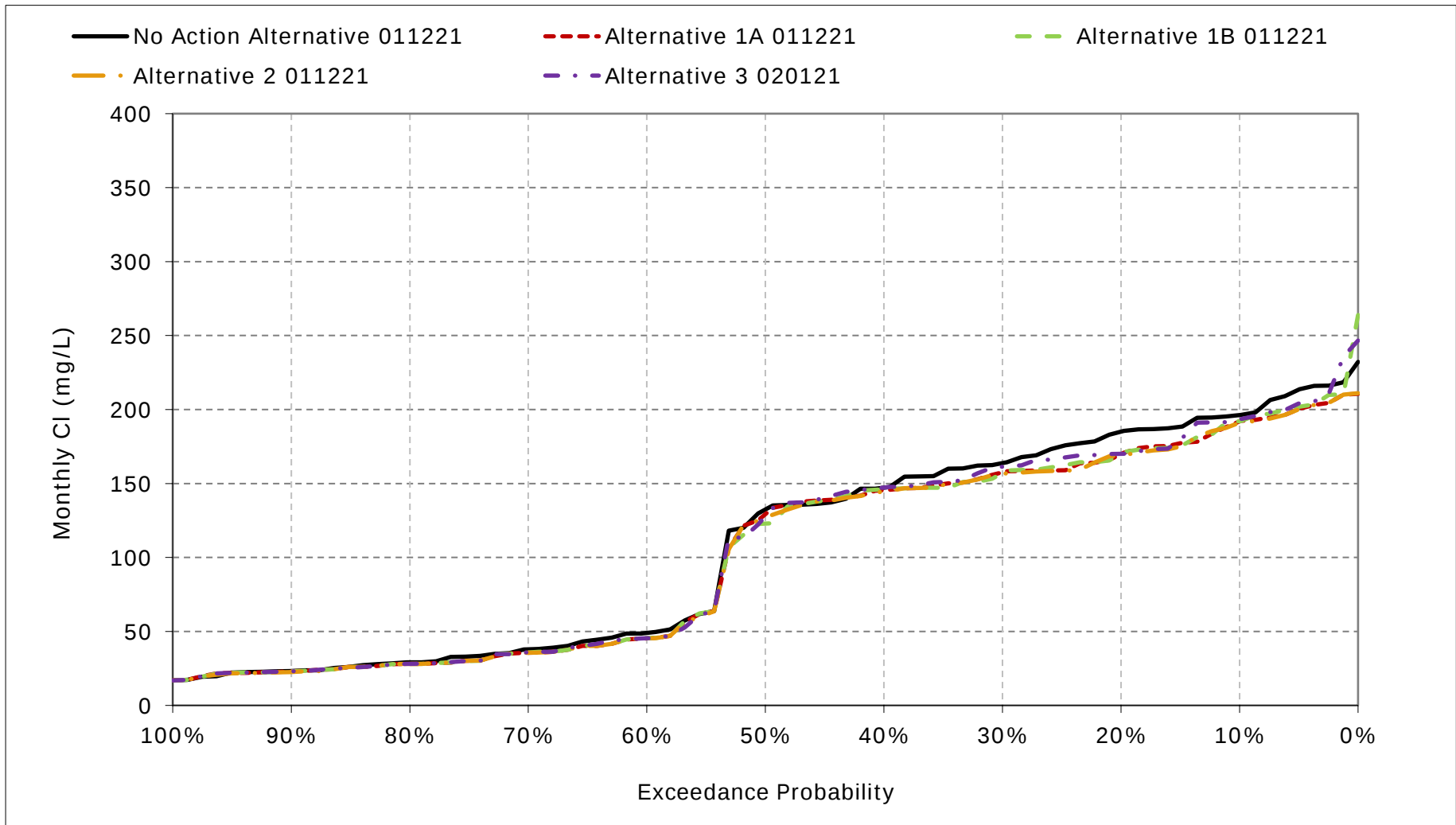
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-1-14. Contra Costa Pumping Plant Chloride, August CI



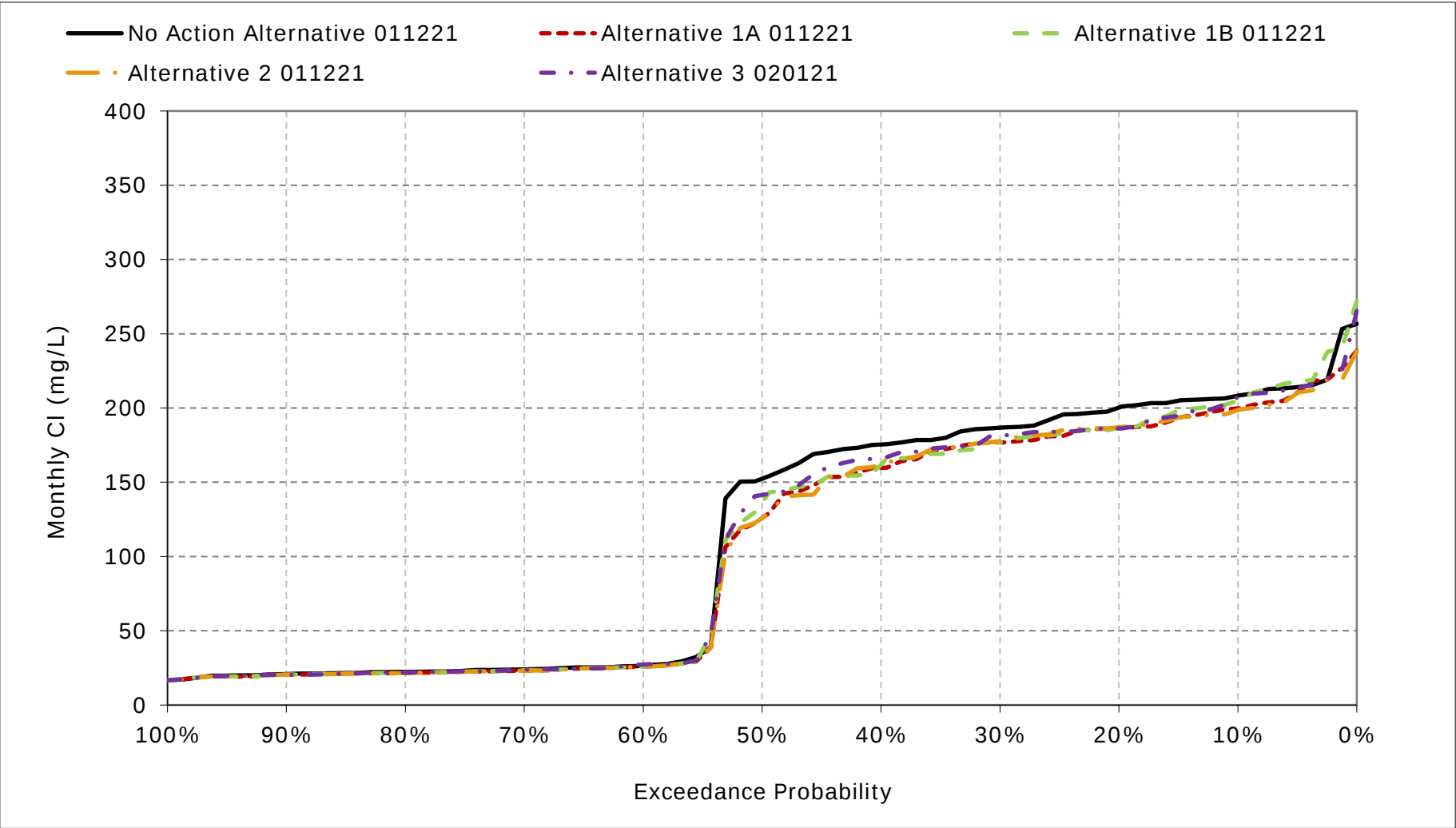
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-15. Contra Costa Pumping Plant Chloride, September CI**



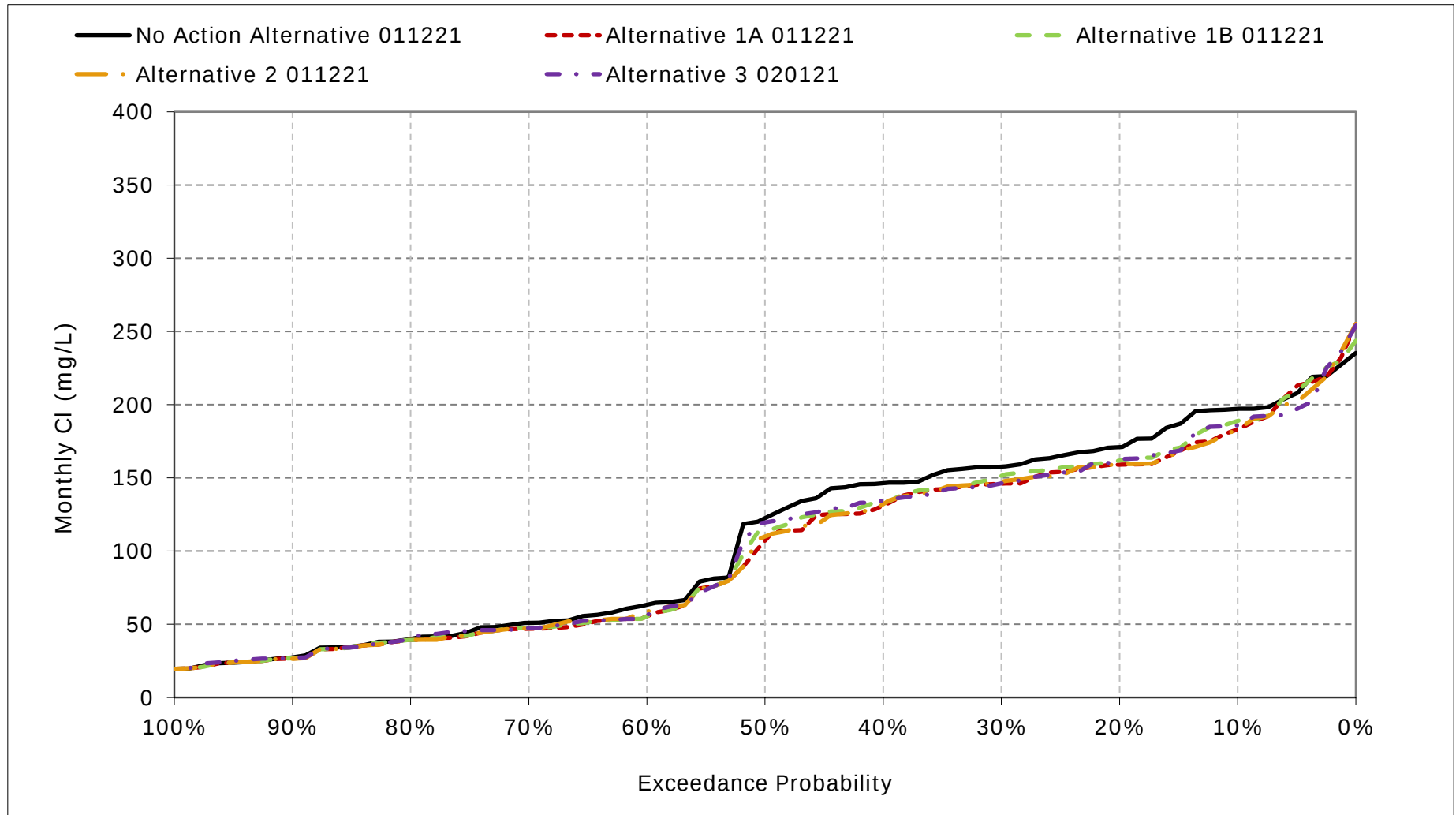
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-1-16. Contra Costa Pumping Plant Chloride, October CI



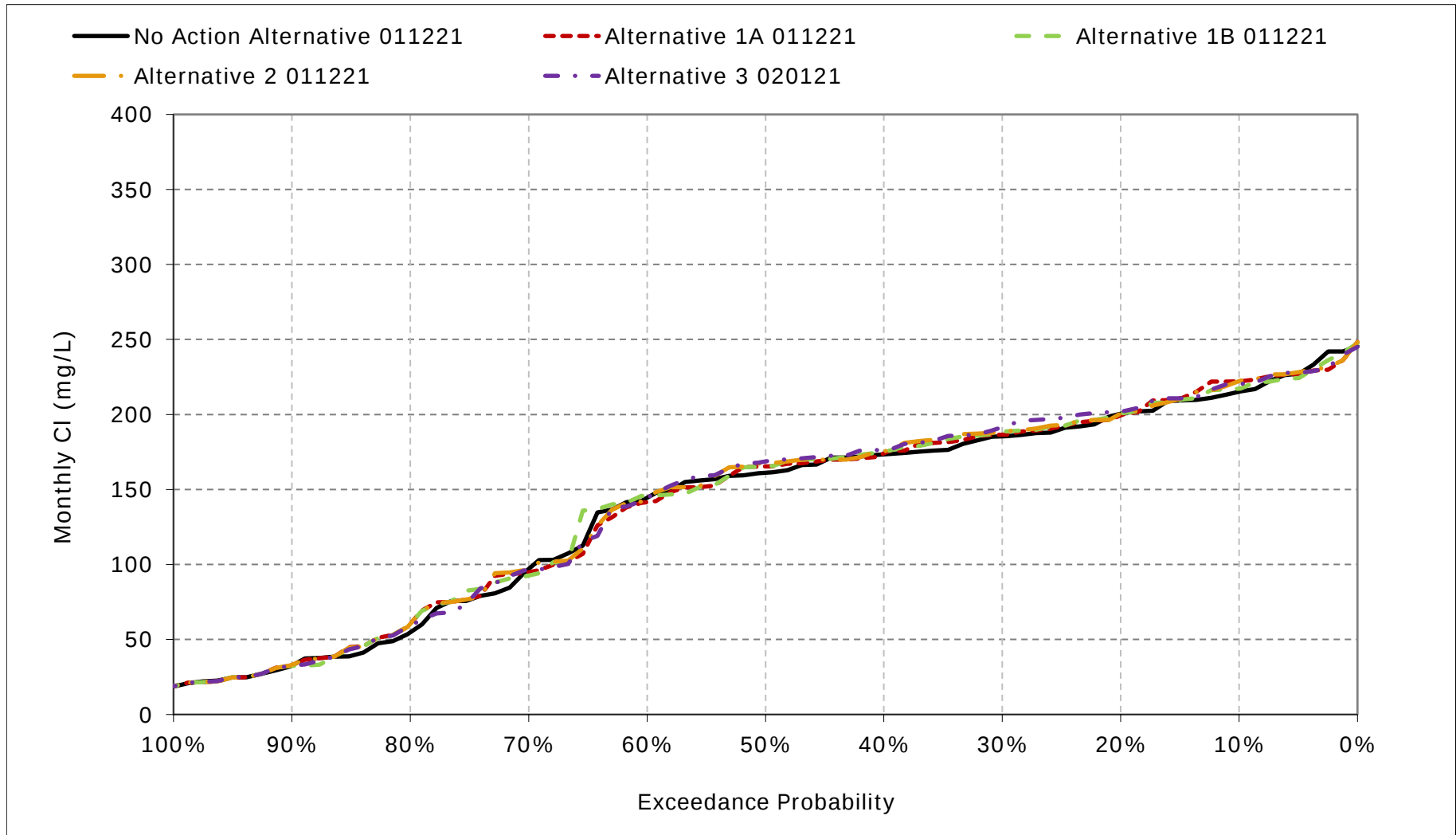
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-17. Contra Costa Pumping Plant Chloride, November CI**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-1-18. Contra Costa Pumping Plant Chloride, December CI**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-2-1a. San Joaquin River at Antioch, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct   | Nov   | Dec   | Jan   | Feb | Mar | Apr | May | Jun | Jul   | Aug   | Sep   |
|-------------------------------------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-------|-------|-------|
| Probability of Exceedance           |       |       |       |       |     |     |     |     |     |       |       |       |
| 10 %                                | 1,965 | 1,864 | 1,753 | 1,091 | 309 | 282 | 304 | 485 | 599 | 1,009 | 1,521 | 1,910 |
| 20 %                                | 1,891 | 1,784 | 1,398 | 822   | 188 | 100 | 102 | 324 | 543 | 899   | 1,371 | 1,818 |
| 30 %                                | 1,840 | 1,688 | 1,243 | 593   | 101 | 30  | 40  | 204 | 455 | 817   | 1,292 | 1,776 |
| 40 %                                | 1,757 | 1,445 | 1,079 | 330   | 58  | 27  | 28  | 69  | 316 | 574   | 1,152 | 1,706 |
| 50 %                                | 1,519 | 843   | 802   | 199   | 32  | 24  | 24  | 34  | 239 | 471   | 1,005 | 1,536 |
| 60 %                                | 390   | 793   | 642   | 76    | 27  | 22  | 21  | 24  | 140 | 328   | 682   | 453   |
| 70 %                                | 364   | 745   | 227   | 33    | 24  | 21  | 20  | 20  | 96  | 274   | 623   | 428   |
| 80 %                                | 337   | 598   | 131   | 24    | 21  | 20  | 19  | 18  | 27  | 225   | 574   | 403   |
| 90 %                                | 301   | 289   | 34    | 20    | 20  | 18  | 19  | 17  | 18  | 134   | 503   | 338   |
| Long Term                           |       |       |       |       |     |     |     |     |     |       |       |       |
| Full Simulation Period <sup>a</sup> | 1,120 | 1,116 | 831   | 387   | 126 | 78  | 84  | 176 | 337 | 567   | 963   | 1,129 |
| Water Year Types <sup>b</sup>       |       |       |       |       |     |     |     |     |     |       |       |       |
| Wet (32 %)                          | 315   | 561   | 609   | 57    | 25  | 21  | 20  | 28  | 68  | 186   | 514   | 356   |
| Above Normal (15 %)                 | 373   | 735   | 703   | 230   | 40  | 22  | 21  | 27  | 158 | 281   | 612   | 421   |
| Below Normal (17 %)                 | 1,602 | 1,197 | 791   | 391   | 62  | 39  | 39  | 92  | 266 | 516   | 1,061 | 1,640 |
| Dry (22 %)                          | 1,874 | 1,564 | 922   | 603   | 201 | 93  | 94  | 224 | 474 | 865   | 1,328 | 1,778 |
| Critical (15 %)                     | 1,918 | 1,934 | 1,349 | 931   | 395 | 279 | 324 | 669 | 976 | 1,291 | 1,627 | 1,939 |

Table 6B2-2-1b. San Joaquin River at Antioch, Alternative 1A 011221, Monthly CI (mg /L)

| Statistic                           | Oct   | Nov   | Dec   | Jan   | Feb | Mar | Apr | May | Jun | Jul   | Aug   | Sep   |
|-------------------------------------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-------|-------|-------|
| Probability of Exceedance           |       |       |       |       |     |     |     |     |     |       |       |       |
| 10 %                                | 1,834 | 1,753 | 1,717 | 1,056 | 367 | 293 | 297 | 471 | 610 | 1,024 | 1,523 | 1,890 |
| 20 %                                | 1,770 | 1,684 | 1,414 | 887   | 195 | 103 | 102 | 326 | 533 | 895   | 1,288 | 1,731 |
| 30 %                                | 1,682 | 1,581 | 1,269 | 651   | 106 | 38  | 41  | 203 | 467 | 826   | 1,205 | 1,626 |
| 40 %                                | 1,564 | 1,388 | 1,119 | 334   | 60  | 27  | 28  | 70  | 327 | 566   | 1,034 | 1,500 |
| 50 %                                | 1,369 | 815   | 905   | 202   | 33  | 25  | 24  | 35  | 245 | 444   | 924   | 1,378 |
| 60 %                                | 349   | 778   | 615   | 83    | 28  | 23  | 21  | 24  | 142 | 328   | 653   | 423   |
| 70 %                                | 340   | 739   | 213   | 34    | 24  | 21  | 20  | 21  | 96  | 282   | 591   | 394   |
| 80 %                                | 307   | 663   | 139   | 24    | 22  | 21  | 19  | 18  | 32  | 230   | 548   | 371   |
| 90 %                                | 287   | 276   | 37    | 20    | 20  | 18  | 19  | 17  | 18  | 134   | 474   | 325   |
| Long Term                           |       |       |       |       |     |     |     |     |     |       |       |       |
| Full Simulation Period <sup>a</sup> | 1,032 | 1,066 | 842   | 400   | 131 | 81  | 85  | 176 | 340 | 568   | 917   | 1,058 |
| Water Year Types <sup>b</sup>       |       |       |       |       |     |     |     |     |     |       |       |       |
| Wet (32 %)                          | 291   | 565   | 632   | 58    | 25  | 21  | 20  | 28  | 69  | 187   | 495   | 335   |
| Above Normal (15 %)                 | 352   | 726   | 721   | 251   | 41  | 22  | 21  | 27  | 161 | 282   | 590   | 394   |
| Below Normal (17 %)                 | 1,495 | 1,153 | 784   | 399   | 65  | 43  | 39  | 93  | 272 | 509   | 968   | 1,483 |
| Dry (22 %)                          | 1,748 | 1,469 | 905   | 621   | 205 | 96  | 94  | 222 | 474 | 868   | 1,246 | 1,635 |
| Critical (15 %)                     | 1,701 | 1,790 | 1,394 | 957   | 414 | 291 | 327 | 674 | 985 | 1,298 | 1,605 | 1,927 |

Table 6B2-2-1c. San Joaquin River at Antioch, Alternative 1A 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct  | Nov  | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug  | Sep  |
|-------------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Probability of Exceedance           |      |      |     |     |     |     |     |     |     |     |      |      |
| 10 %                                | -131 | -111 | -36 | -35 | 58  | 11  | -7  | -14 | 11  | 15  | 3    | -21  |
| 20 %                                | -121 | -100 | 15  | 65  | 7   | 3   | 0   | 2   | -10 | -5  | -84  | -87  |
| 30 %                                | -158 | -107 | 26  | 57  | 5   | 8   | 0   | -1  | 12  | 9   | -88  | -150 |
| 40 %                                | -193 | -56  | 40  | 4   | 3   | 0   | 0   | 1   | 11  | -8  | -118 | -206 |
| 50 %                                | -150 | -28  | 103 | 3   | 1   | 1   | 0   | 1   | 6   | -27 | -81  | -158 |
| 60 %                                | -40  | -16  | -27 | 7   | 0   | 1   | 0   | 0   | 3   | 0   | -29  | -30  |
| 70 %                                | -24  | -6   | -13 | 0   | 0   | 0   | 0   | 0   | 0   | 8   | -32  | -34  |
| 80 %                                | -29  | 66   | 8   | 0   | 0   | 0   | 0   | 0   | 5   | 4   | -26  | -32  |
| 90 %                                | -15  | -13  | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -28  | -13  |
| Long Term                           |      |      |     |     |     |     |     |     |     |     |      |      |
| Full Simulation Period <sup>a</sup> | -88  | -50  | 12  | 12  | 5   | 3   | 1   | 0   | 3   | 1   | -46  | -71  |
| Water Year Types <sup>b</sup>       |      |      |     |     |     |     |     |     |     |     |      |      |
| Wet (32 %)                          | -24  | 4    | 23  | 1   | 0   | 0   | 0   | 0   | 1   | 1   | -19  | -21  |
| Above Normal (15 %)                 | -21  | -10  | 18  | 20  | 1   | 0   | 0   | 0   | 3   | 1   | -22  | -27  |
| Below Normal (17 %)                 | -107 | -44  | -7  | 8   | 3   | 4   | 0   | 0   | 5   | -7  | -93  | -157 |
| Dry (22 %)                          | -126 | -95  | -17 | 18  | 5   | 2   | 0   | -2  | 0   | 3   | -82  | -143 |
| Critical (15 %)                     | -217 | -144 | 45  | 26  | 19  | 12  | 4   | 5   | 10  | 7   | -22  | -12  |

a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-2-2a. San Joaquin River at Antioch, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct   | Nov   | Dec   | Jan   | Feb | Mar | Apr | May | Jun | Jul   | Aug   | Sep   |
|-------------------------------------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-------|-------|-------|
| Probability of Exceedance           |       |       |       |       |     |     |     |     |     |       |       |       |
| 10 %                                | 1,965 | 1,864 | 1,753 | 1,091 | 309 | 282 | 304 | 485 | 599 | 1,009 | 1,521 | 1,910 |
| 20 %                                | 1,891 | 1,784 | 1,398 | 822   | 188 | 100 | 102 | 324 | 543 | 899   | 1,371 | 1,818 |
| 30 %                                | 1,840 | 1,688 | 1,243 | 593   | 101 | 30  | 40  | 204 | 455 | 817   | 1,292 | 1,776 |
| 40 %                                | 1,757 | 1,445 | 1,079 | 330   | 58  | 27  | 28  | 69  | 316 | 574   | 1,152 | 1,706 |
| 50 %                                | 1,519 | 843   | 802   | 199   | 32  | 24  | 24  | 34  | 239 | 471   | 1,005 | 1,536 |
| 60 %                                | 390   | 793   | 642   | 76    | 27  | 22  | 21  | 24  | 140 | 328   | 682   | 453   |
| 70 %                                | 364   | 745   | 227   | 33    | 24  | 21  | 20  | 20  | 96  | 274   | 623   | 428   |
| 80 %                                | 337   | 598   | 131   | 24    | 21  | 20  | 19  | 18  | 27  | 225   | 574   | 403   |
| 90 %                                | 301   | 289   | 34    | 20    | 20  | 18  | 19  | 17  | 18  | 134   | 503   | 338   |
| Long Term                           |       |       |       |       |     |     |     |     |     |       |       |       |
| Full Simulation Period <sup>a</sup> | 1,120 | 1,116 | 831   | 387   | 126 | 78  | 84  | 176 | 337 | 567   | 963   | 1,129 |
| Water Year Types <sup>b</sup>       |       |       |       |       |     |     |     |     |     |       |       |       |
| Wet (32 %)                          | 315   | 561   | 609   | 57    | 25  | 21  | 20  | 28  | 68  | 186   | 514   | 356   |
| Above Normal (15 %)                 | 373   | 735   | 703   | 230   | 40  | 22  | 21  | 27  | 158 | 281   | 612   | 421   |
| Below Normal (17 %)                 | 1,602 | 1,197 | 791   | 391   | 62  | 39  | 39  | 92  | 266 | 516   | 1,061 | 1,640 |
| Dry (22 %)                          | 1,874 | 1,564 | 922   | 603   | 201 | 93  | 94  | 224 | 474 | 865   | 1,328 | 1,778 |
| Critical (15 %)                     | 1,918 | 1,934 | 1,349 | 931   | 395 | 279 | 324 | 669 | 976 | 1,291 | 1,627 | 1,939 |

Table 6B2-2-2b. San Joaquin River at Antioch, Alternative 1B 011221, Monthly CI (mg /L)

| Statistic                           | Oct   | Nov   | Dec   | Jan   | Feb | Mar | Apr | May | Jun | Jul   | Aug   | Sep   |
|-------------------------------------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-------|-------|-------|
| Probability of Exceedance           |       |       |       |       |     |     |     |     |     |       |       |       |
| 10 %                                | 1,855 | 1,764 | 1,716 | 1,045 | 368 | 293 | 298 | 481 | 607 | 1,023 | 1,524 | 1,888 |
| 20 %                                | 1,771 | 1,679 | 1,415 | 886   | 194 | 103 | 102 | 325 | 534 | 900   | 1,291 | 1,730 |
| 30 %                                | 1,682 | 1,585 | 1,268 | 629   | 103 | 38  | 41  | 211 | 474 | 826   | 1,198 | 1,627 |
| 40 %                                | 1,608 | 1,396 | 1,135 | 329   | 60  | 27  | 28  | 69  | 327 | 567   | 1,034 | 1,497 |
| 50 %                                | 1,371 | 819   | 901   | 201   | 33  | 25  | 24  | 36  | 246 | 444   | 922   | 1,374 |
| 60 %                                | 352   | 777   | 584   | 82    | 28  | 23  | 21  | 24  | 143 | 327   | 653   | 433   |
| 70 %                                | 340   | 745   | 210   | 33    | 24  | 21  | 20  | 21  | 96  | 282   | 593   | 394   |
| 80 %                                | 308   | 663   | 139   | 24    | 22  | 21  | 19  | 18  | 32  | 230   | 548   | 372   |
| 90 %                                | 287   | 278   | 37    | 20    | 20  | 18  | 19  | 17  | 18  | 134   | 474   | 325   |
| Long Term                           |       |       |       |       |     |     |     |     |     |       |       |       |
| Full Simulation Period <sup>a</sup> | 1,038 | 1,071 | 840   | 398   | 130 | 81  | 85  | 177 | 341 | 568   | 916   | 1,058 |
| Water Year Types <sup>b</sup>       |       |       |       |       |     |     |     |     |     |       |       |       |
| Wet (32 %)                          | 292   | 566   | 631   | 58    | 25  | 21  | 20  | 28  | 69  | 187   | 495   | 335   |
| Above Normal (15 %)                 | 357   | 728   | 717   | 250   | 41  | 22  | 21  | 27  | 161 | 282   | 590   | 398   |
| Below Normal (17 %)                 | 1,490 | 1,137 | 778   | 398   | 65  | 43  | 39  | 92  | 272 | 507   | 962   | 1,475 |
| Dry (22 %)                          | 1,768 | 1,492 | 903   | 617   | 204 | 95  | 94  | 224 | 478 | 869   | 1,247 | 1,646 |
| Critical (15 %)                     | 1,715 | 1,797 | 1,392 | 951   | 411 | 291 | 328 | 675 | 987 | 1,298 | 1,603 | 1,919 |

Table 6B2-2-2c. San Joaquin River at Antioch, Alternative 1B 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct  | Nov  | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug  | Sep  |
|-------------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Probability of Exceedance           |      |      |     |     |     |     |     |     |     |     |      |      |
| 10 %                                | -110 | -100 | -37 | -46 | 59  | 11  | -5  | -4  | 7   | 14  | 3    | -22  |
| 20 %                                | -120 | -105 | 16  | 64  | 6   | 3   | 0   | 1   | -8  | 0   | -80  | -88  |
| 30 %                                | -159 | -103 | 25  | 35  | 2   | 8   | 1   | 7   | 19  | 9   | -94  | -149 |
| 40 %                                | -149 | -49  | 57  | -1  | 3   | 0   | 0   | 0   | 11  | -7  | -118 | -209 |
| 50 %                                | -148 | -24  | 99  | 3   | 1   | 1   | 0   | 1   | 6   | -27 | -84  | -162 |
| 60 %                                | -38  | -16  | -58 | 6   | 0   | 1   | 0   | 0   | 3   | -1  | -29  | -20  |
| 70 %                                | -23  | -1   | -16 | 0   | 0   | 0   | 0   | 0   | 0   | 8   | -30  | -34  |
| 80 %                                | -29  | 66   | 8   | 0   | 0   | 0   | 0   | 0   | 5   | 4   | -26  | -31  |
| 90 %                                | -15  | -11  | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -29  | -13  |
| Long Term                           |      |      |     |     |     |     |     |     |     |     |      |      |
| Full Simulation Period <sup>a</sup> | -82  | -45  | 9   | 10  | 4   | 3   | 1   | 1   | 4   | 1   | -47  | -70  |
| Water Year Types <sup>b</sup>       |      |      |     |     |     |     |     |     |     |     |      |      |
| Wet (32 %)                          | -24  | 5    | 22  | 1   | 0   | 0   | 0   | 0   | 1   | 1   | -19  | -22  |
| Above Normal (15 %)                 | -16  | -7   | 14  | 20  | 1   | 0   | 0   | 1   | 3   | 1   | -22  | -23  |
| Below Normal (17 %)                 | -112 | -60  | -13 | 8   | 3   | 4   | 0   | 0   | 5   | -9  | -100 | -164 |
| Dry (22 %)                          | -106 | -72  | -19 | 13  | 4   | 2   | 1   | 0   | 4   | 4   | -81  | -133 |
| Critical (15 %)                     | -203 | -136 | 43  | 20  | 16  | 12  | 4   | 6   | 11  | 7   | -24  | -20  |

a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-2-3a. San Joaquin River at Antioch, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct   | Nov   | Dec   | Jan   | Feb | Mar | Apr | May | Jun | Jul   | Aug   | Sep   |
|-------------------------------------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-------|-------|-------|
| Probability of Exceedance           |       |       |       |       |     |     |     |     |     |       |       |       |
| 10 %                                | 1,965 | 1,864 | 1,753 | 1,091 | 309 | 282 | 304 | 485 | 599 | 1,009 | 1,521 | 1,910 |
| 20 %                                | 1,891 | 1,784 | 1,398 | 822   | 188 | 100 | 102 | 324 | 543 | 899   | 1,371 | 1,818 |
| 30 %                                | 1,840 | 1,688 | 1,243 | 593   | 101 | 30  | 40  | 204 | 455 | 817   | 1,292 | 1,776 |
| 40 %                                | 1,757 | 1,445 | 1,079 | 330   | 58  | 27  | 28  | 69  | 316 | 574   | 1,152 | 1,706 |
| 50 %                                | 1,519 | 843   | 802   | 199   | 32  | 24  | 24  | 34  | 239 | 471   | 1,005 | 1,536 |
| 60 %                                | 390   | 793   | 642   | 76    | 27  | 22  | 21  | 24  | 140 | 328   | 682   | 453   |
| 70 %                                | 364   | 745   | 227   | 33    | 24  | 21  | 20  | 20  | 96  | 274   | 623   | 428   |
| 80 %                                | 337   | 598   | 131   | 24    | 21  | 20  | 19  | 18  | 27  | 225   | 574   | 403   |
| 90 %                                | 301   | 289   | 34    | 20    | 20  | 18  | 19  | 17  | 18  | 134   | 503   | 338   |
| Long Term                           |       |       |       |       |     |     |     |     |     |       |       |       |
| Full Simulation Period <sup>a</sup> | 1,120 | 1,116 | 831   | 387   | 126 | 78  | 84  | 176 | 337 | 567   | 963   | 1,129 |
| Water Year Types <sup>b</sup>       |       |       |       |       |     |     |     |     |     |       |       |       |
| Wet (32 %)                          | 315   | 561   | 609   | 57    | 25  | 21  | 20  | 28  | 68  | 186   | 514   | 356   |
| Above Normal (15 %)                 | 373   | 735   | 703   | 230   | 40  | 22  | 21  | 27  | 158 | 281   | 612   | 421   |
| Below Normal (17 %)                 | 1,602 | 1,197 | 791   | 391   | 62  | 39  | 39  | 92  | 266 | 516   | 1,061 | 1,640 |
| Dry (22 %)                          | 1,874 | 1,564 | 922   | 603   | 201 | 93  | 94  | 224 | 474 | 865   | 1,328 | 1,778 |
| Critical (15 %)                     | 1,918 | 1,934 | 1,349 | 931   | 395 | 279 | 324 | 669 | 976 | 1,291 | 1,627 | 1,939 |

Table 6B2-2-3b. San Joaquin River at Antioch, Alternative 2 011221, Monthly CI (mg /L)

| Statistic                           | Oct   | Nov   | Dec   | Jan   | Feb | Mar | Apr | May | Jun | Jul   | Aug   | Sep   |
|-------------------------------------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-------|-------|-------|
| Probability of Exceedance           |       |       |       |       |     |     |     |     |     |       |       |       |
| 10 %                                | 1,859 | 1,772 | 1,719 | 1,059 | 367 | 293 | 297 | 471 | 609 | 1,022 | 1,522 | 1,878 |
| 20 %                                | 1,767 | 1,707 | 1,415 | 886   | 195 | 103 | 102 | 326 | 534 | 895   | 1,303 | 1,743 |
| 30 %                                | 1,709 | 1,601 | 1,269 | 651   | 106 | 38  | 41  | 203 | 468 | 826   | 1,197 | 1,639 |
| 40 %                                | 1,572 | 1,396 | 1,128 | 334   | 60  | 27  | 28  | 70  | 327 | 567   | 1,042 | 1,484 |
| 50 %                                | 1,368 | 850   | 906   | 202   | 33  | 25  | 24  | 35  | 245 | 444   | 925   | 1,378 |
| 60 %                                | 352   | 777   | 616   | 83    | 28  | 23  | 21  | 24  | 142 | 328   | 653   | 419   |
| 70 %                                | 340   | 739   | 222   | 34    | 24  | 21  | 20  | 21  | 96  | 282   | 591   | 394   |
| 80 %                                | 306   | 663   | 138   | 24    | 22  | 21  | 19  | 18  | 32  | 230   | 548   | 371   |
| 90 %                                | 284   | 276   | 37    | 20    | 20  | 18  | 19  | 17  | 18  | 134   | 474   | 310   |
| Long Term                           |       |       |       |       |     |     |     |     |     |       |       |       |
| Full Simulation Period <sup>a</sup> | 1,035 | 1,077 | 847   | 399   | 130 | 81  | 85  | 176 | 340 | 568   | 915   | 1,057 |
| Water Year Types <sup>b</sup>       |       |       |       |       |     |     |     |     |     |       |       |       |
| Wet (32 %)                          | 294   | 569   | 632   | 58    | 25  | 21  | 20  | 28  | 69  | 187   | 490   | 330   |
| Above Normal (15 %)                 | 352   | 725   | 721   | 251   | 41  | 22  | 21  | 27  | 161 | 282   | 588   | 393   |
| Below Normal (17 %)                 | 1,483 | 1,149 | 783   | 404   | 65  | 43  | 39  | 93  | 271 | 509   | 966   | 1,475 |
| Dry (22 %)                          | 1,754 | 1,507 | 930   | 620   | 205 | 96  | 94  | 222 | 474 | 868   | 1,248 | 1,644 |
| Critical (15 %)                     | 1,721 | 1,800 | 1,388 | 952   | 411 | 290 | 328 | 675 | 985 | 1,297 | 1,601 | 1,926 |

Table 6B2-2-3c. San Joaquin River at Antioch, Alternative 2 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct  | Nov  | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug  | Sep  |
|-------------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Probability of Exceedance           |      |      |     |     |     |     |     |     |     |     |      |      |
| 10 %                                | -106 | -92  | -33 | -32 | 58  | 11  | -7  | -14 | 10  | 14  | 2    | -33  |
| 20 %                                | -124 | -77  | 17  | 64  | 7   | 3   | 0   | 2   | -8  | -5  | -68  | -75  |
| 30 %                                | -131 | -86  | 26  | 57  | 5   | 8   | 0   | -1  | 12  | 9   | -95  | -137 |
| 40 %                                | -185 | -49  | 49  | 4   | 3   | 0   | 0   | 1   | 11  | -7  | -111 | -222 |
| 50 %                                | -151 | 7    | 103 | 3   | 1   | 1   | 0   | 1   | 6   | -27 | -81  | -158 |
| 60 %                                | -38  | -16  | -27 | 7   | 0   | 1   | 0   | 0   | 3   | 0   | -30  | -34  |
| 70 %                                | -24  | -7   | -4  | 0   | 0   | 0   | 0   | 0   | 0   | 8   | -32  | -34  |
| 80 %                                | -31  | 65   | 8   | 1   | 0   | 0   | 0   | 0   | 5   | 4   | -26  | -32  |
| 90 %                                | -17  | -13  | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -28  | -29  |
| Long Term                           |      |      |     |     |     |     |     |     |     |     |      |      |
| Full Simulation Period <sup>a</sup> | -85  | -39  | 16  | 12  | 4   | 3   | 1   | 0   | 3   | 1   | -48  | -72  |
| Water Year Types <sup>b</sup>       |      |      |     |     |     |     |     |     |     |     |      |      |
| Wet (32 %)                          | -21  | 8    | 23  | 1   | 0   | 0   | 0   | 0   | 1   | 1   | -23  | -26  |
| Above Normal (15 %)                 | -21  | -10  | 18  | 20  | 1   | 0   | 0   | 0   | 3   | 1   | -24  | -28  |
| Below Normal (17 %)                 | -119 | -48  | -7  | 13  | 3   | 4   | 0   | 0   | 5   | -7  | -95  | -165 |
| Dry (22 %)                          | -120 | -58  | 8   | 17  | 5   | 2   | 0   | -2  | 0   | 3   | -80  | -134 |
| Critical (15 %)                     | -197 | -134 | 39  | 21  | 15  | 11  | 4   | 5   | 10  | 6   | -26  | -13  |

a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-2-4a. San Joaquin River at Antioch, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct   | Nov   | Dec   | Jan   | Feb | Mar | Apr | May | Jun | Jul   | Aug   | Sep   |
|-------------------------------------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-------|-------|-------|
| Probability of Exceedance           |       |       |       |       |     |     |     |     |     |       |       |       |
| 10 %                                | 1,965 | 1,864 | 1,753 | 1,091 | 309 | 282 | 304 | 485 | 599 | 1,009 | 1,521 | 1,910 |
| 20 %                                | 1,891 | 1,784 | 1,398 | 822   | 188 | 100 | 102 | 324 | 543 | 899   | 1,371 | 1,818 |
| 30 %                                | 1,840 | 1,688 | 1,243 | 593   | 101 | 30  | 40  | 204 | 455 | 817   | 1,292 | 1,776 |
| 40 %                                | 1,757 | 1,445 | 1,079 | 330   | 58  | 27  | 28  | 69  | 316 | 574   | 1,152 | 1,706 |
| 50 %                                | 1,519 | 843   | 802   | 199   | 32  | 24  | 24  | 34  | 239 | 471   | 1,005 | 1,536 |
| 60 %                                | 390   | 793   | 642   | 76    | 27  | 22  | 21  | 24  | 140 | 328   | 682   | 453   |
| 70 %                                | 364   | 745   | 227   | 33    | 24  | 21  | 20  | 20  | 96  | 274   | 623   | 428   |
| 80 %                                | 337   | 598   | 131   | 24    | 21  | 20  | 19  | 18  | 27  | 225   | 574   | 403   |
| 90 %                                | 301   | 289   | 34    | 20    | 20  | 18  | 19  | 17  | 18  | 134   | 503   | 338   |
| Long Term                           |       |       |       |       |     |     |     |     |     |       |       |       |
| Full Simulation Period <sup>a</sup> | 1,120 | 1,116 | 831   | 387   | 126 | 78  | 84  | 176 | 337 | 567   | 963   | 1,129 |
| Water Year Types <sup>b</sup>       |       |       |       |       |     |     |     |     |     |       |       |       |
| Wet (32 %)                          | 315   | 561   | 609   | 57    | 25  | 21  | 20  | 28  | 68  | 186   | 514   | 356   |
| Above Normal (15 %)                 | 373   | 735   | 703   | 230   | 40  | 22  | 21  | 27  | 158 | 281   | 612   | 421   |
| Below Normal (17 %)                 | 1,602 | 1,197 | 791   | 391   | 62  | 39  | 39  | 92  | 266 | 516   | 1,061 | 1,640 |
| Dry (22 %)                          | 1,874 | 1,564 | 922   | 603   | 201 | 93  | 94  | 224 | 474 | 865   | 1,328 | 1,778 |
| Critical (15 %)                     | 1,918 | 1,934 | 1,349 | 931   | 395 | 279 | 324 | 669 | 976 | 1,291 | 1,627 | 1,939 |

Table 6B2-2-4b. San Joaquin River at Antioch, Alternative 3 020121, Monthly CI (mg /L)

| Statistic                           | Oct   | Nov   | Dec   | Jan   | Feb | Mar | Apr | May | Jun | Jul   | Aug   | Sep   |
|-------------------------------------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-------|-------|-------|
| Probability of Exceedance           |       |       |       |       |     |     |     |     |     |       |       |       |
| 10 %                                | 1,879 | 1,811 | 1,735 | 1,049 | 360 | 291 | 294 | 479 | 613 | 1,020 | 1,547 | 1,912 |
| 20 %                                | 1,791 | 1,725 | 1,419 | 885   | 191 | 104 | 102 | 340 | 544 | 907   | 1,317 | 1,793 |
| 30 %                                | 1,735 | 1,628 | 1,272 | 604   | 107 | 38  | 42  | 212 | 475 | 812   | 1,204 | 1,675 |
| 40 %                                | 1,606 | 1,389 | 1,139 | 345   | 65  | 27  | 28  | 68  | 328 | 566   | 1,043 | 1,503 |
| 50 %                                | 1,325 | 829   | 869   | 199   | 33  | 25  | 24  | 35  | 246 | 440   | 917   | 1,362 |
| 60 %                                | 360   | 769   | 606   | 78    | 27  | 23  | 21  | 24  | 144 | 320   | 653   | 429   |
| 70 %                                | 341   | 739   | 225   | 31    | 24  | 21  | 20  | 21  | 97  | 282   | 590   | 394   |
| 80 %                                | 310   | 643   | 129   | 24    | 22  | 21  | 19  | 18  | 32  | 230   | 547   | 377   |
| 90 %                                | 289   | 277   | 38    | 20    | 20  | 18  | 19  | 17  | 18  | 134   | 473   | 325   |
| Long Term                           |       |       |       |       |     |     |     |     |     |       |       |       |
| Full Simulation Period <sup>a</sup> | 1,049 | 1,078 | 843   | 397   | 129 | 81  | 85  | 179 | 343 | 567   | 922   | 1,072 |
| Water Year Types <sup>b</sup>       |       |       |       |       |     |     |     |     |     |       |       |       |
| Wet (32 %)                          | 293   | 566   | 631   | 57    | 25  | 21  | 20  | 28  | 69  | 187   | 494   | 336   |
| Above Normal (15 %)                 | 366   | 726   | 705   | 250   | 40  | 22  | 21  | 27  | 162 | 280   | 590   | 398   |
| Below Normal (17 %)                 | 1,476 | 1,125 | 761   | 420   | 66  | 43  | 39  | 92  | 273 | 506   | 964   | 1,475 |
| Dry (22 %)                          | 1,791 | 1,524 | 938   | 603   | 196 | 94  | 94  | 230 | 483 | 862   | 1,259 | 1,689 |
| Critical (15 %)                     | 1,760 | 1,819 | 1,391 | 945   | 415 | 292 | 327 | 679 | 991 | 1,303 | 1,626 | 1,949 |

Table 6B2-2-4c. San Joaquin River at Antioch, Alternative 3 020121 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct  | Nov  | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug  | Sep  |
|-------------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Probability of Exceedance           |      |      |     |     |     |     |     |     |     |     |      |      |
| 10 %                                | -86  | -53  | -18 | -42 | 51  | 10  | -9  | -6  | 14  | 11  | 26   | 1    |
| 20 %                                | -100 | -60  | 20  | 63  | 3   | 4   | 0   | 16  | 2   | 8   | -54  | -25  |
| 30 %                                | -105 | -60  | 29  | 10  | 6   | 8   | 1   | 8   | 20  | -5  | -88  | -101 |
| 40 %                                | -151 | -56  | 60  | 15  | 8   | 0   | 0   | -1  | 12  | -8  | -109 | -204 |
| 50 %                                | -194 | -14  | 67  | 1   | 1   | 1   | 0   | 1   | 7   | -31 | -88  | -174 |
| 60 %                                | -30  | -24  | -37 | 2   | 0   | 1   | 0   | 0   | 5   | -8  | -29  | -24  |
| 70 %                                | -23  | -6   | -1  | -3  | 0   | 0   | 0   | 0   | 1   | 8   | -33  | -34  |
| 80 %                                | -26  | 46   | -1  | 0   | 0   | 0   | 0   | 0   | 5   | 4   | -27  | -25  |
| 90 %                                | -12  | -13  | 4   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -30  | -14  |
| Long Term                           |      |      |     |     |     |     |     |     |     |     |      |      |
| Full Simulation Period <sup>a</sup> | -71  | -38  | 12  | 10  | 3   | 3   | 1   | 3   | 6   | 0   | -41  | -56  |
| Water Year Types <sup>b</sup>       |      |      |     |     |     |     |     |     |     |     |      |      |
| Wet (32 %)                          | -22  | 5    | 22  | 0   | 0   | 0   | 0   | 0   | 1   | 1   | -20  | -21  |
| Above Normal (15 %)                 | -7   | -10  | 1   | 20  | 1   | 0   | 0   | 1   | 3   | -1  | -22  | -23  |
| Below Normal (17 %)                 | -126 | -72  | -29 | 30  | 4   | 4   | 0   | 0   | 6   | -10 | -97  | -165 |
| Dry (22 %)                          | -83  | -40  | 16  | -1  | -4  | 0   | 0   | 7   | 9   | -3  | -69  | -89  |
| Critical (15 %)                     | -158 | -115 | 42  | 13  | 19  | 13  | 4   | 9   | 15  | 12  | -1   | 10   |

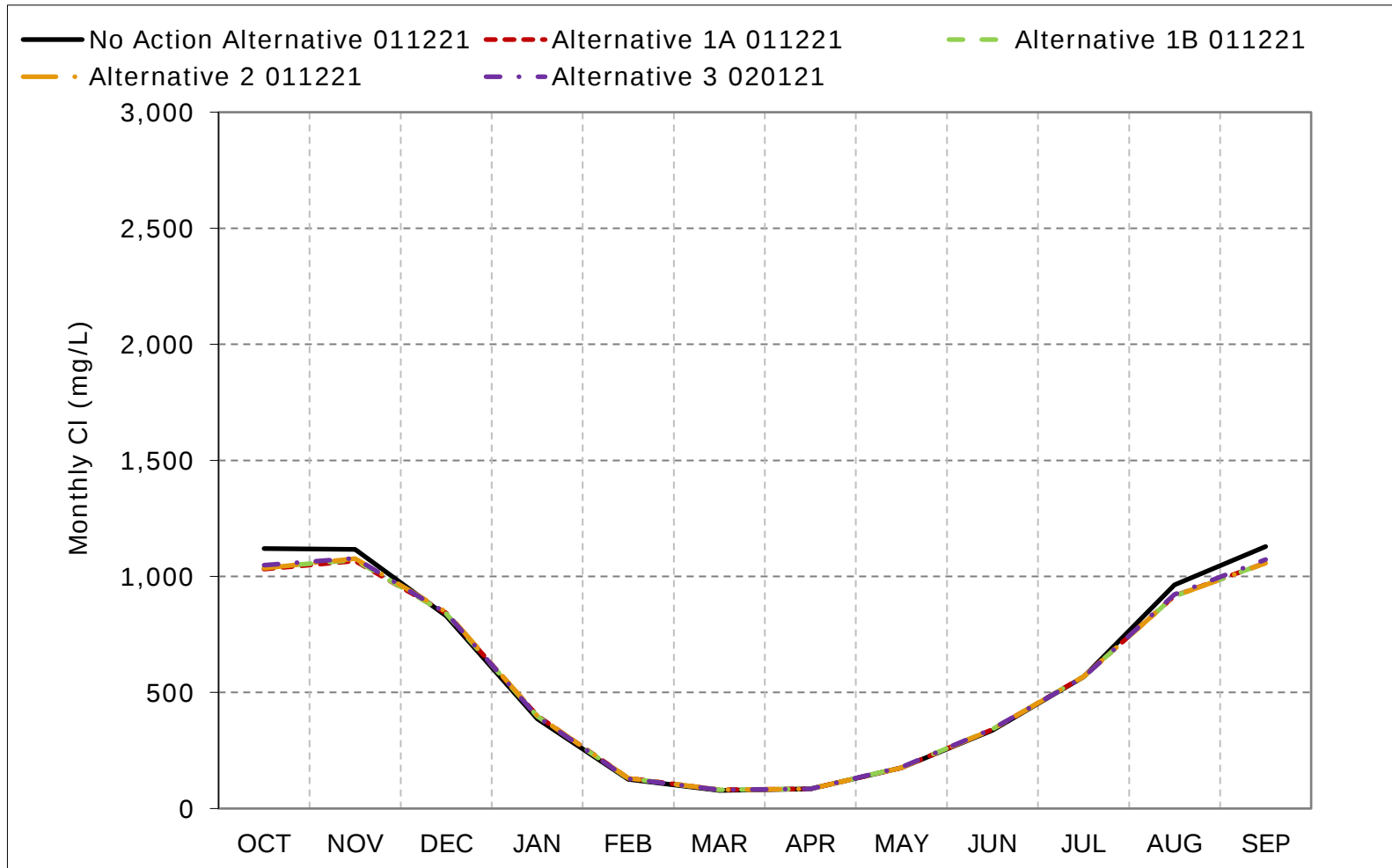
a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-1. San Joaquin River at Antioch, Long-Term Average Cl**

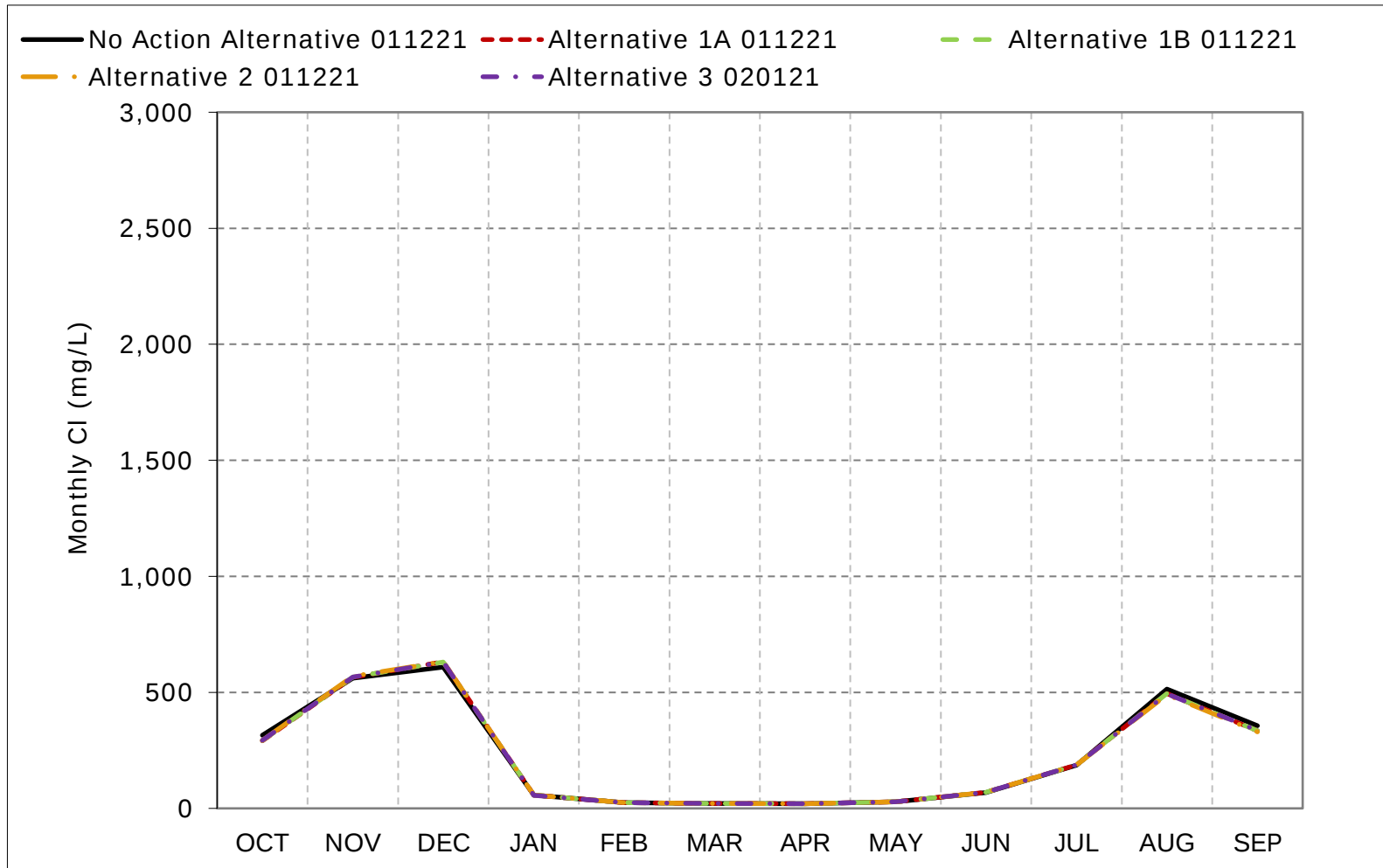


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-2. San Joaquin River at Antioch, Wet Year Average Cl**

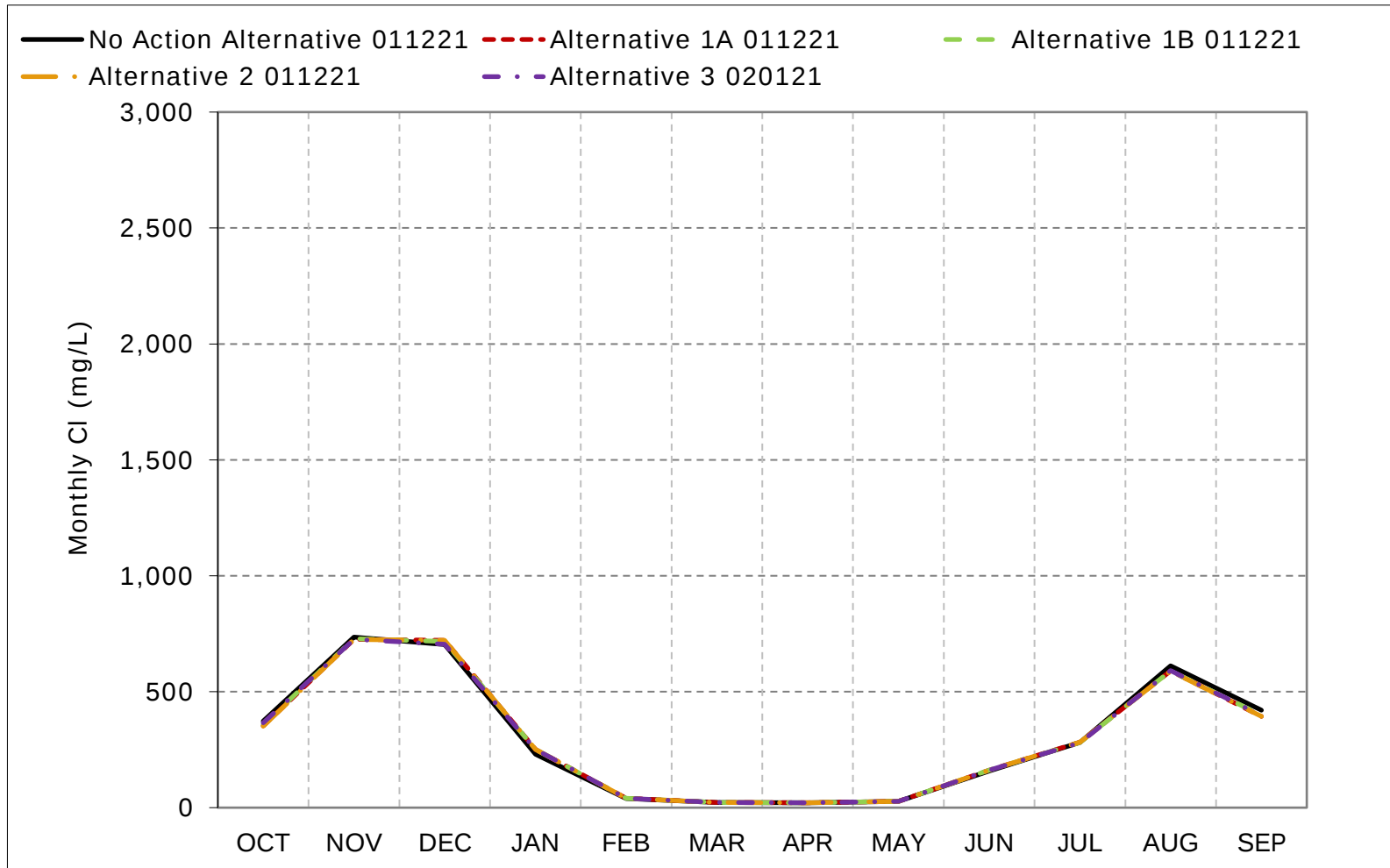


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-3. San Joaquin River at Antioch, Above Normal Year Average Cl**

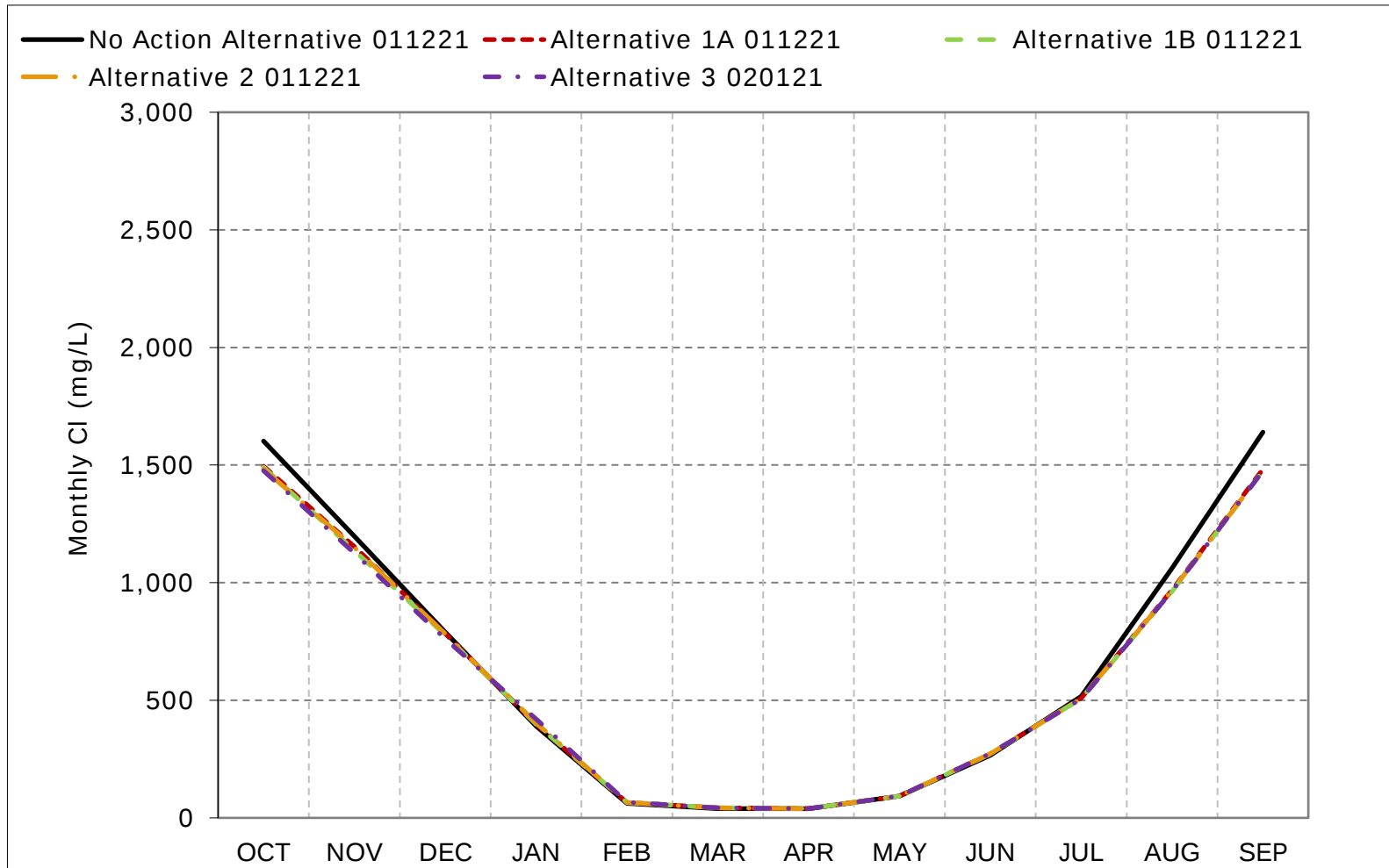


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-4. San Joaquin River at Antioch, Below Normal Year Average Cl**

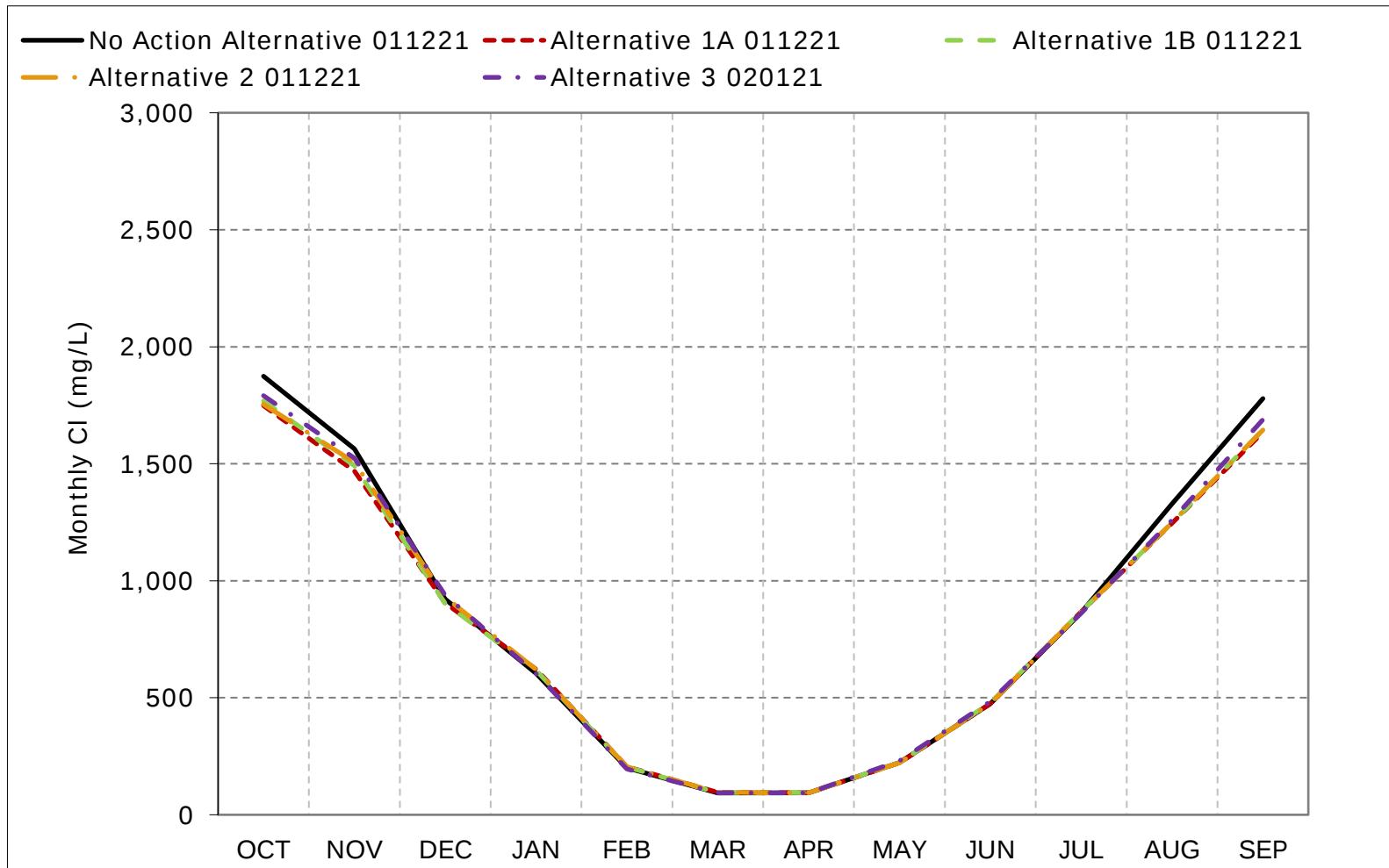


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-5. San Joaquin River at Antioch, Dry Year Average Cl**

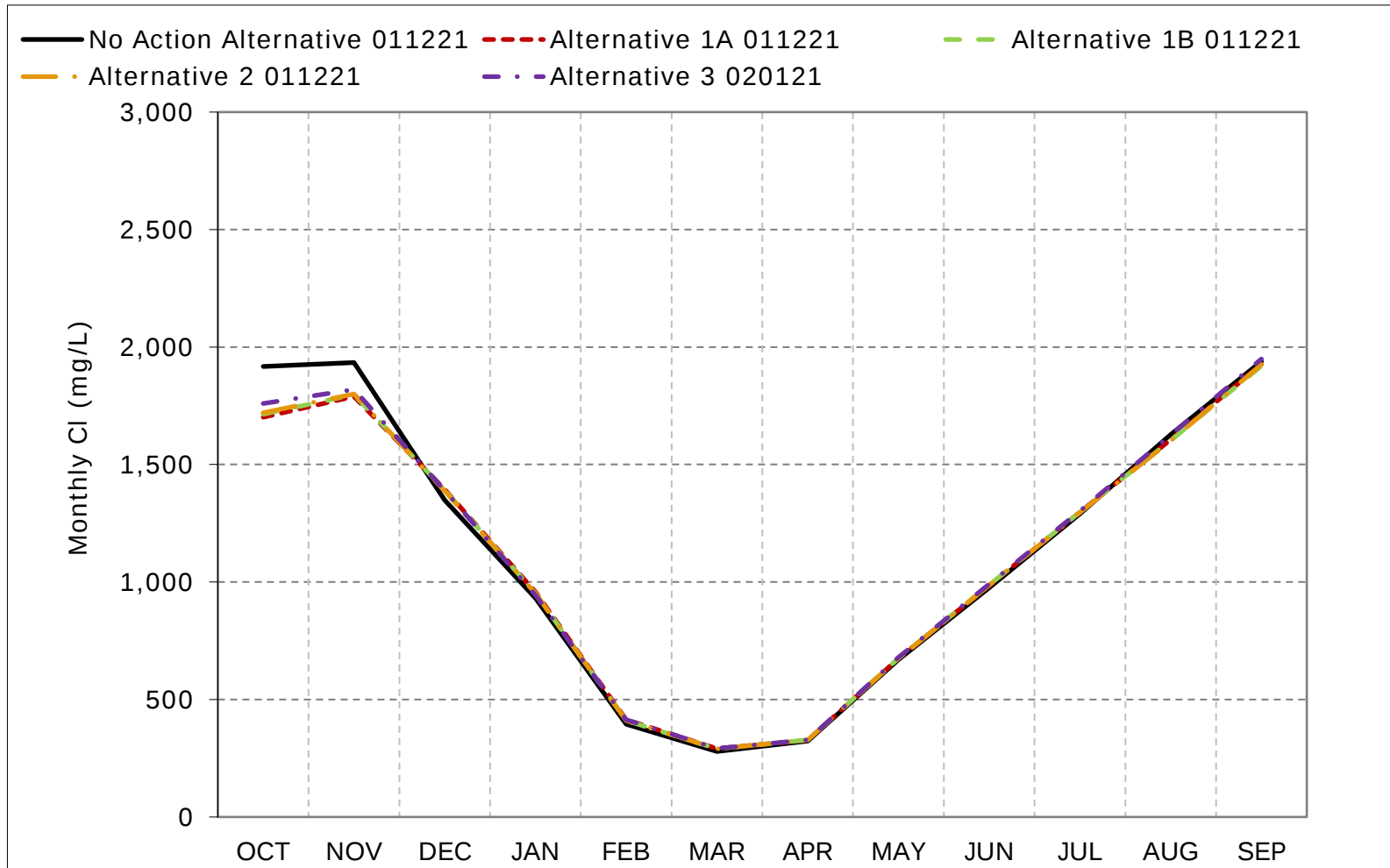


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-6. San Joaquin River at Antioch, Critical Year Average Cl**

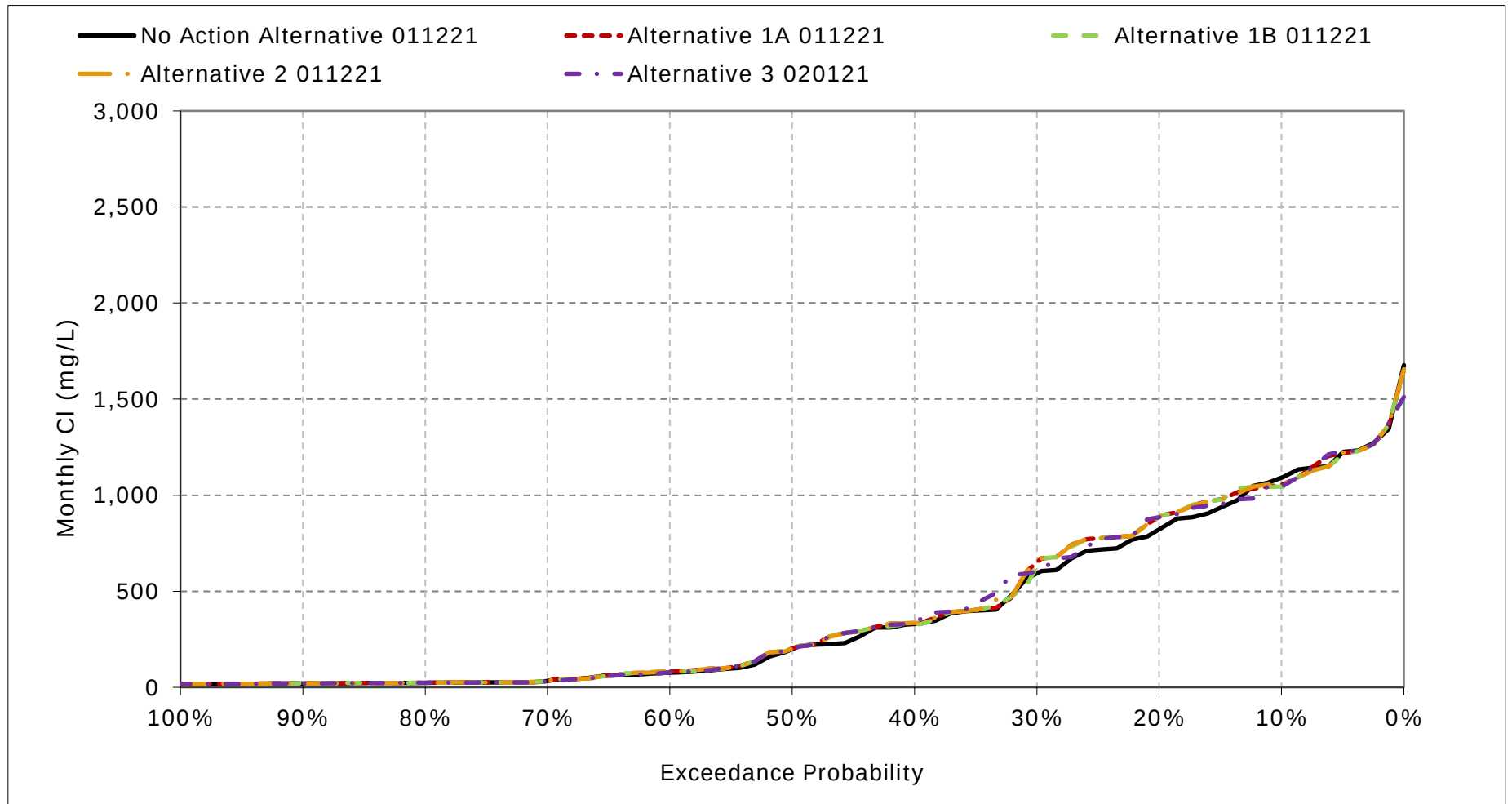


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

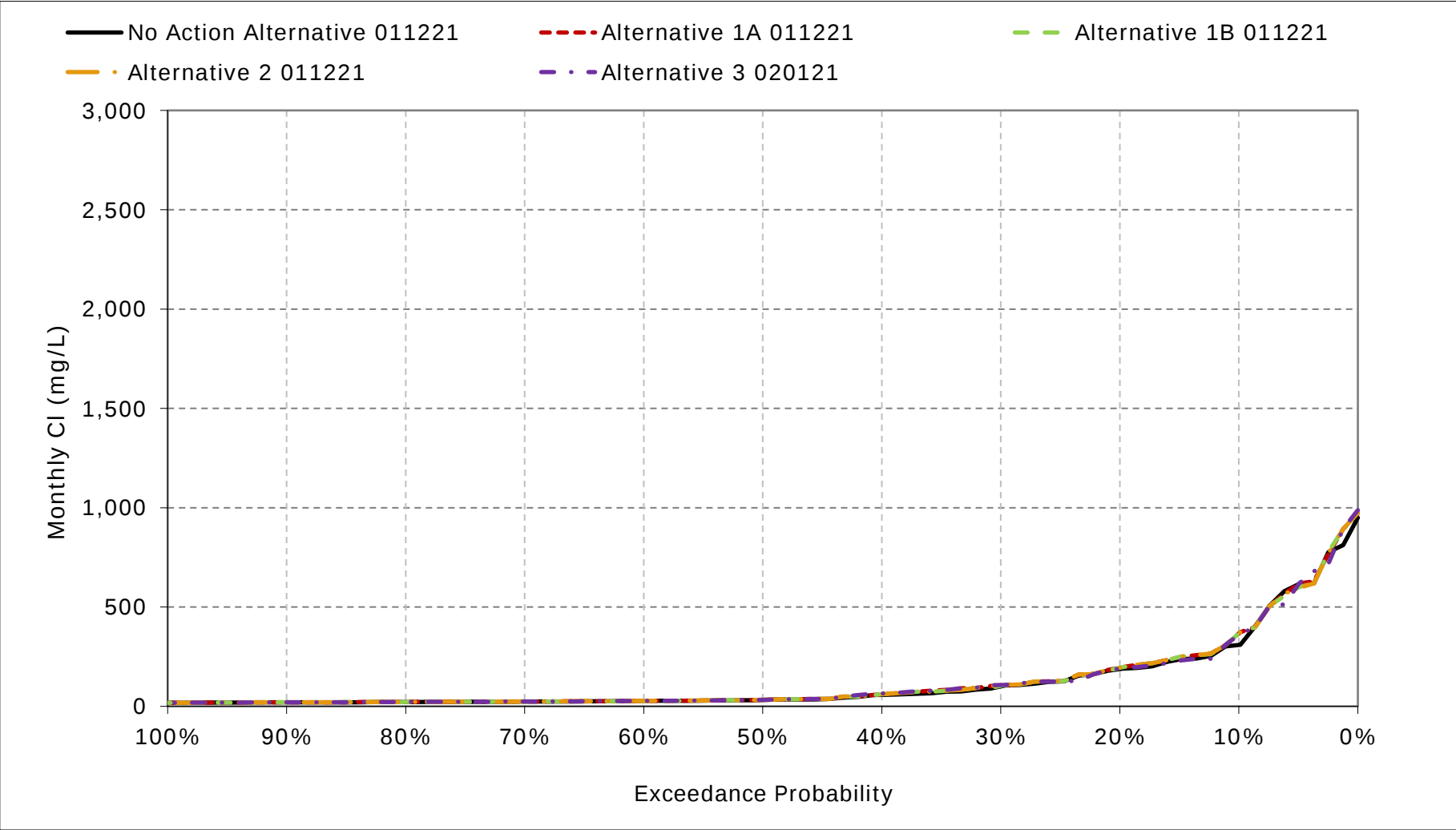
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-7. San Joaquin River at Antioch Chloride, January CI**



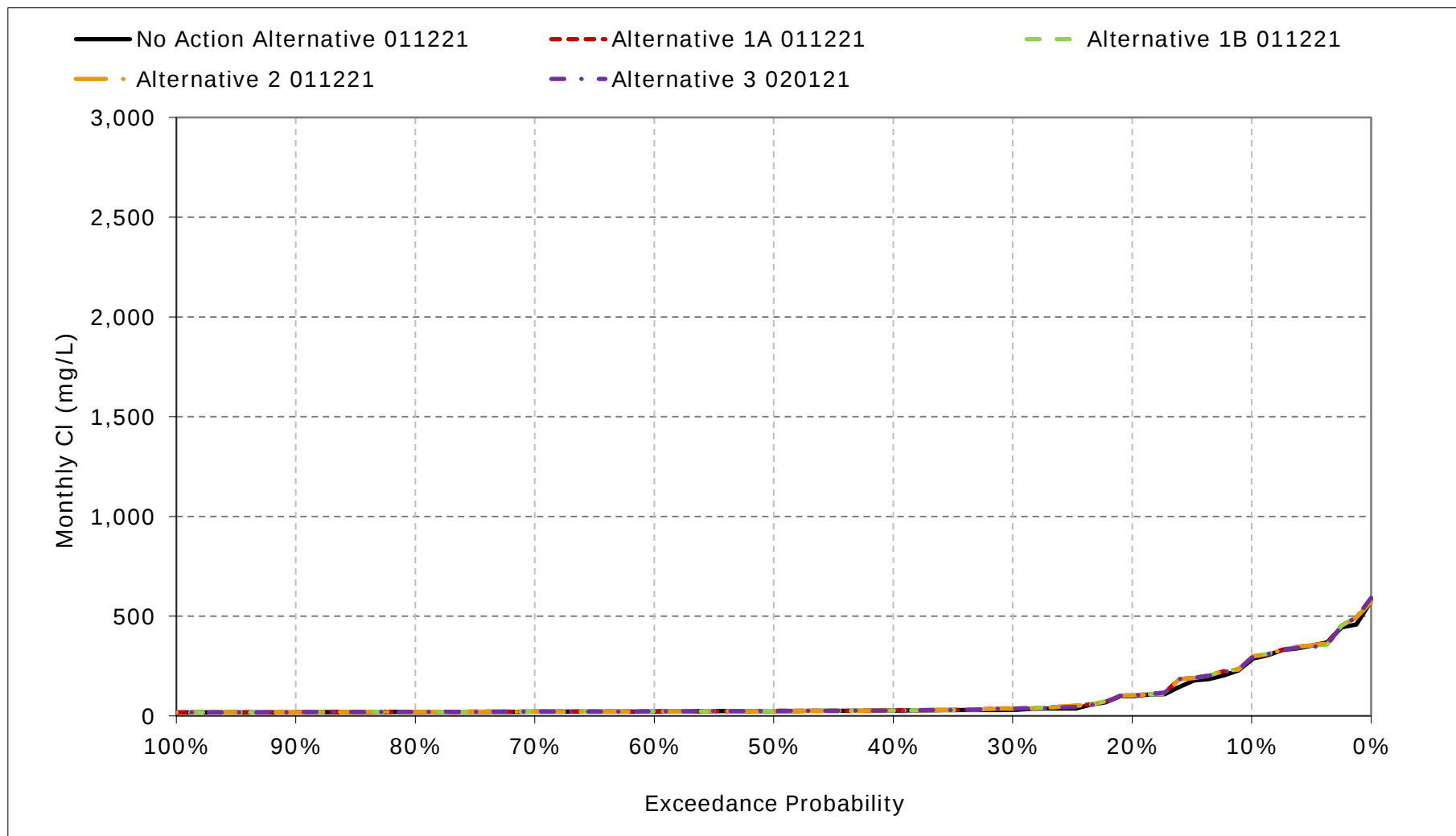
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-2-8. San Joaquin River at Antioch Chloride, February CI



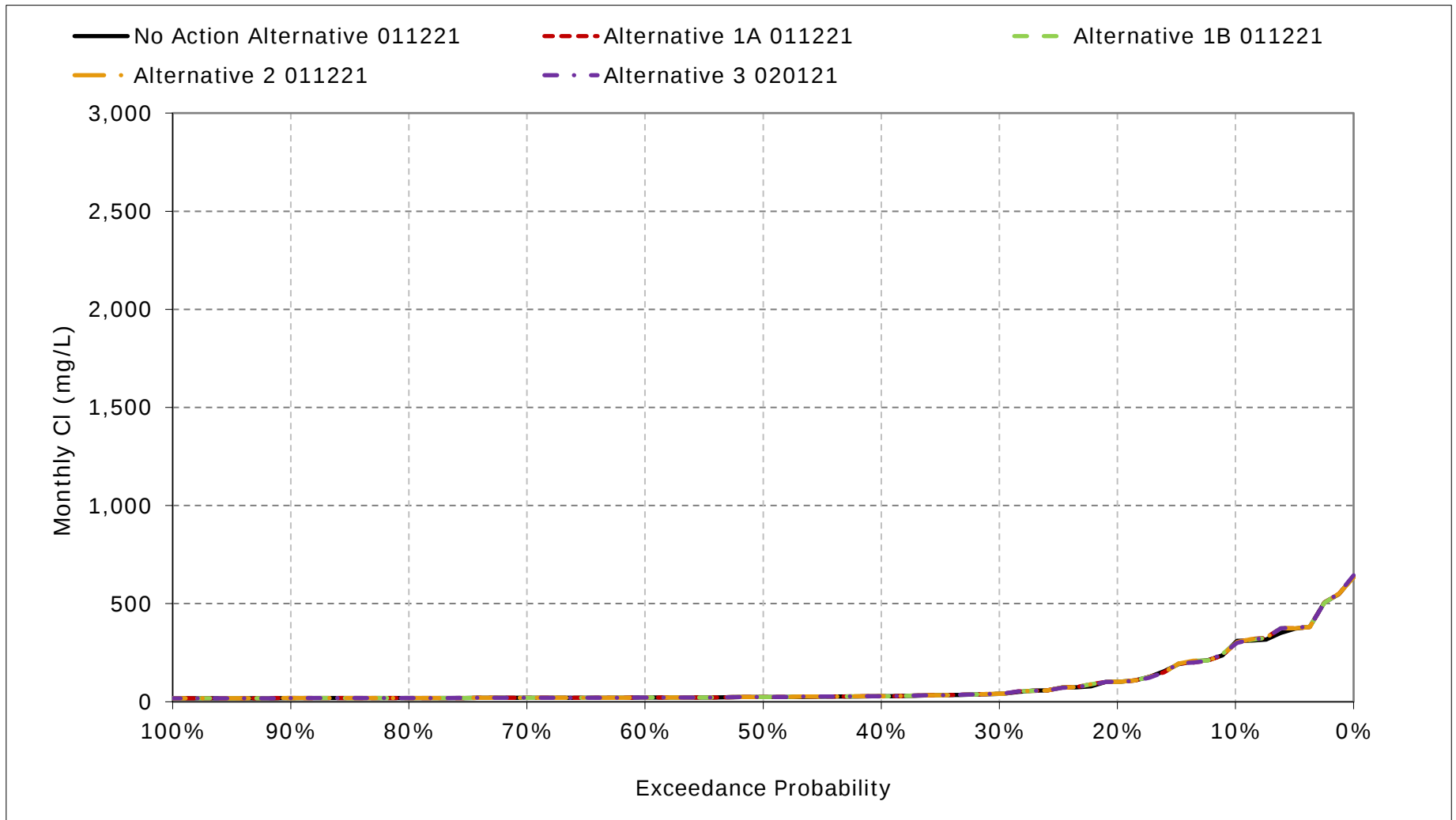
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-9. San Joaquin River at Antioch Chloride, March CI**



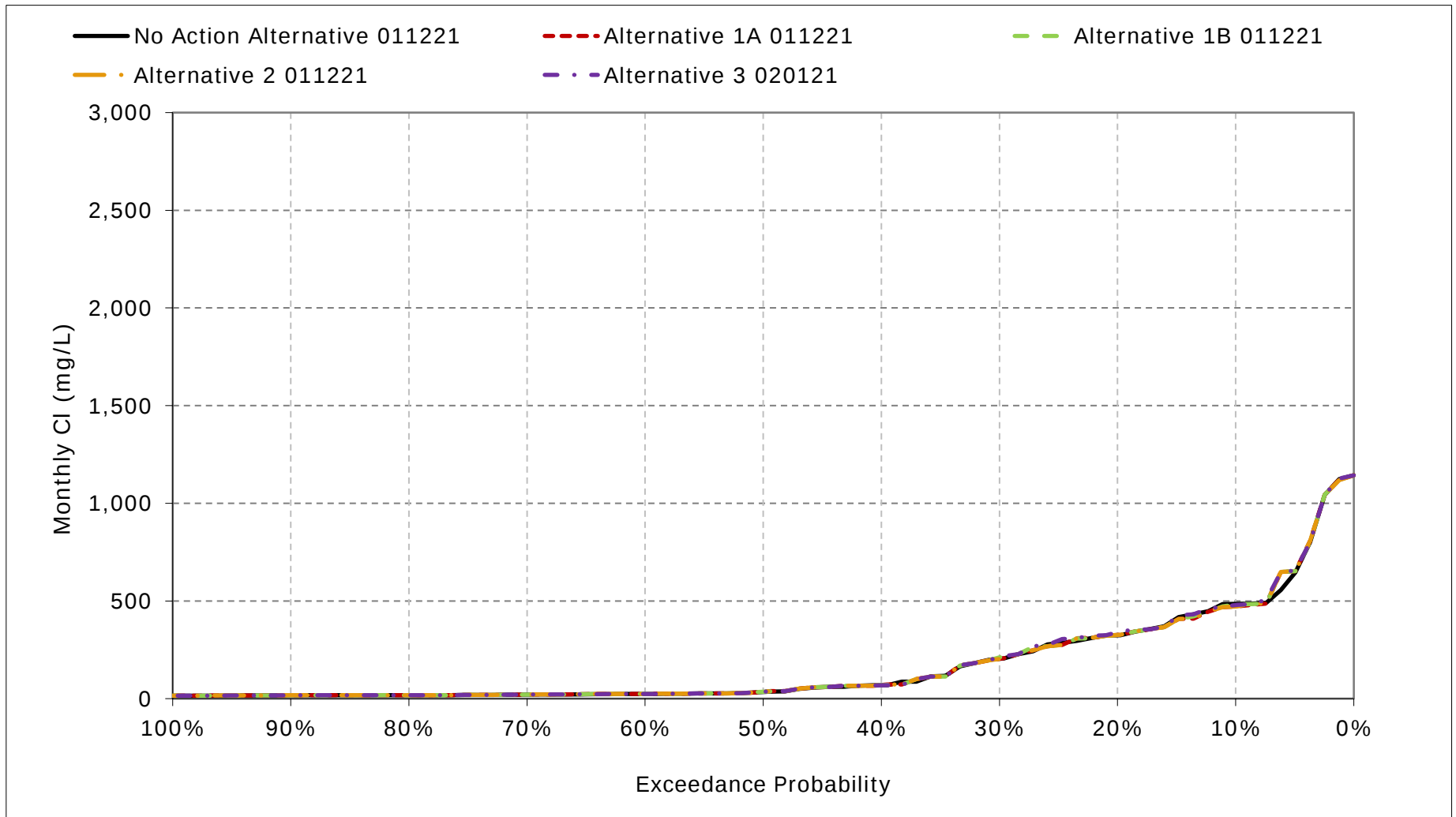
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-10. San Joaquin River at Antioch Chloride, April CI**



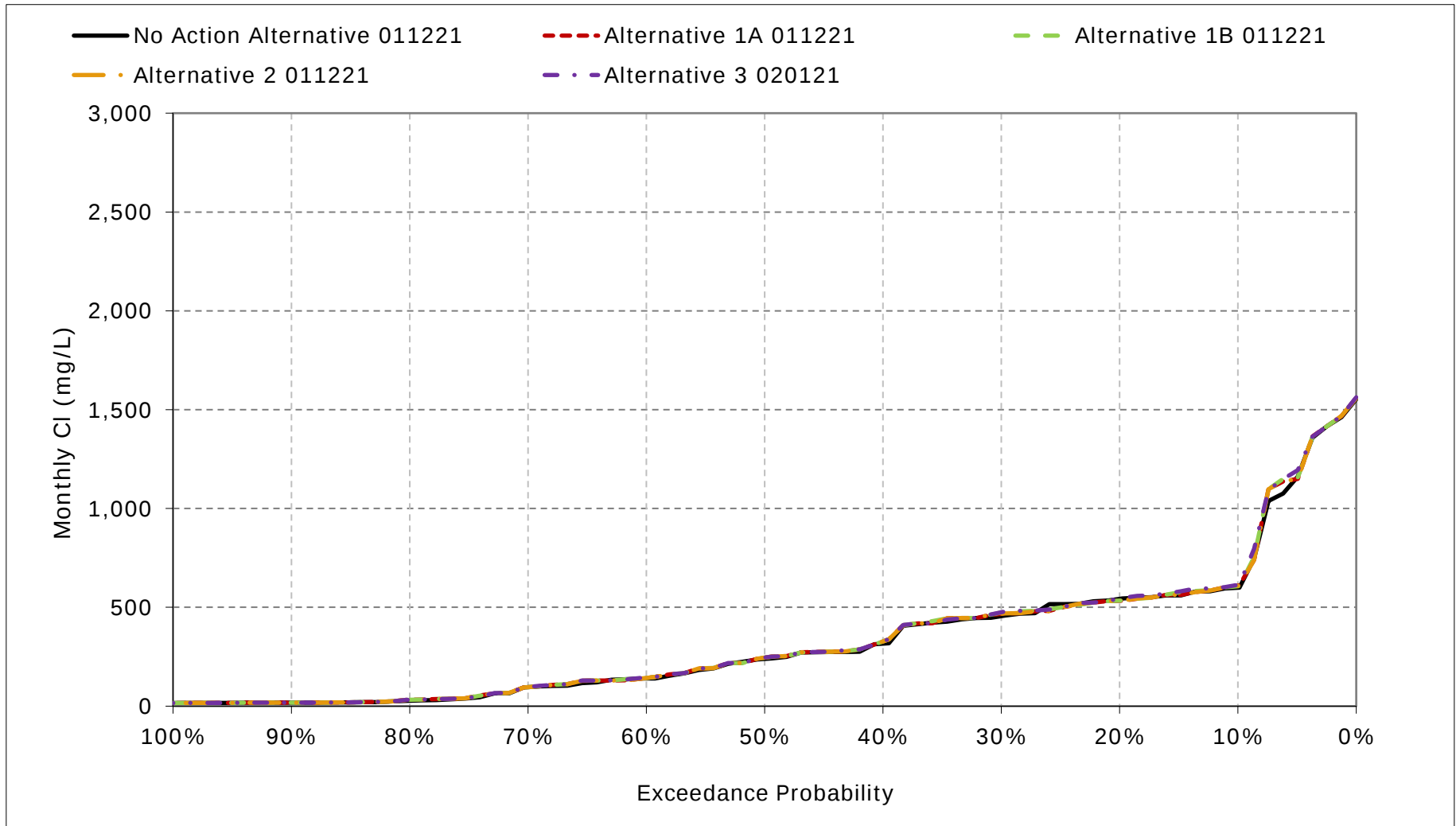
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-11. San Joaquin River at Antioch Chloride, May CI**



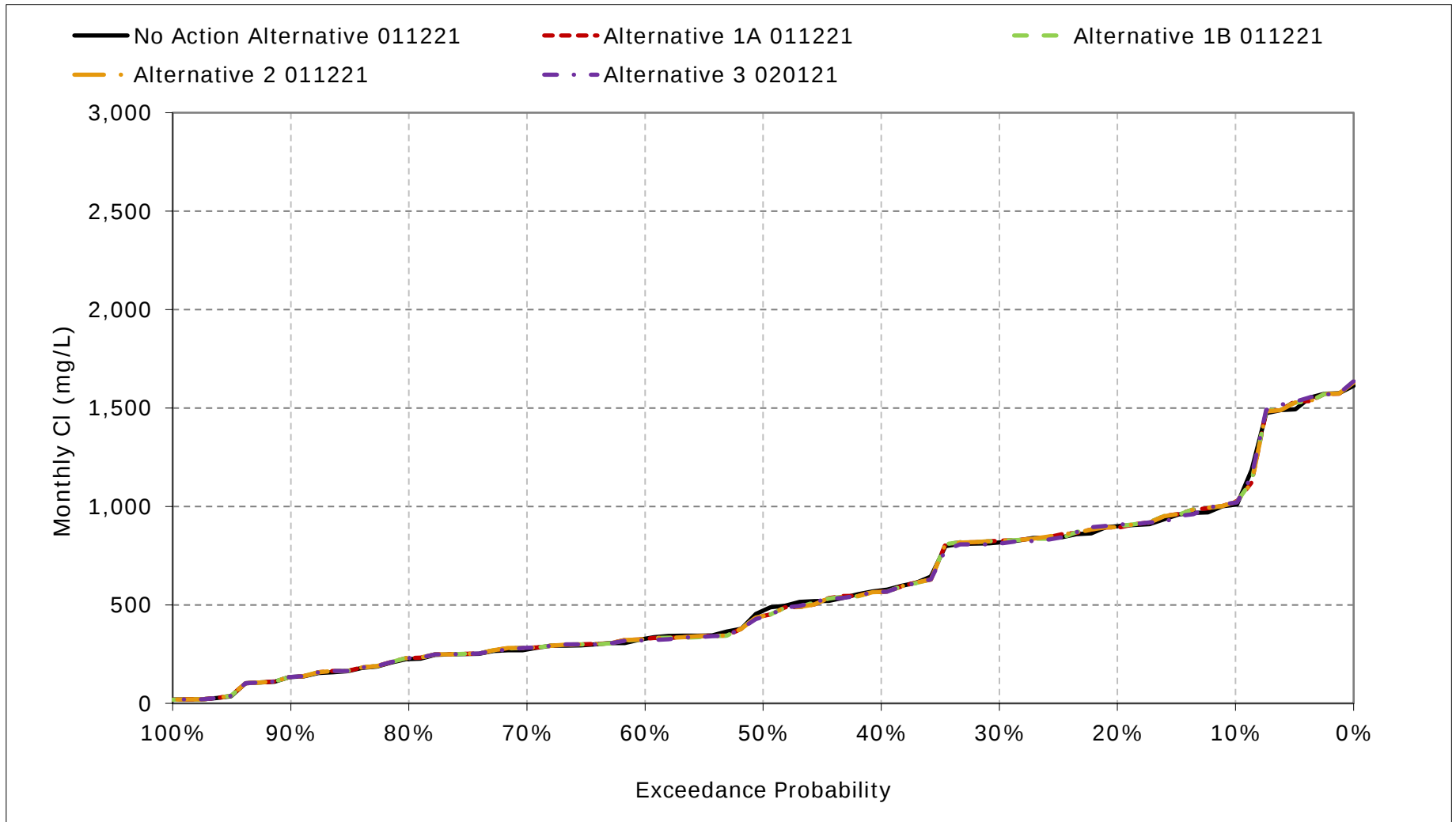
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-12. San Joaquin River at Antioch Chloride, June CI**



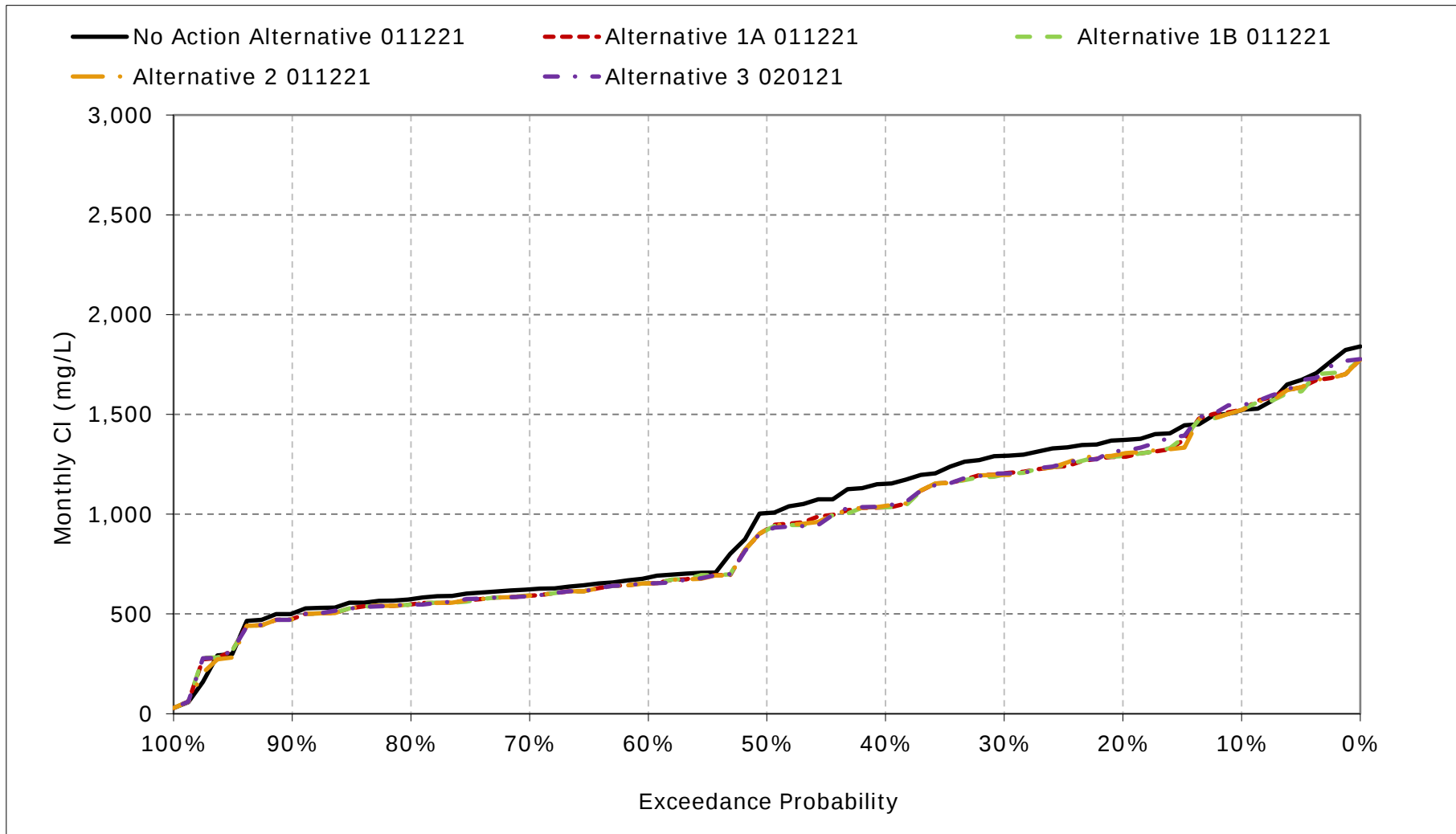
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-13. San Joaquin River at Antioch Chloride, July CI**



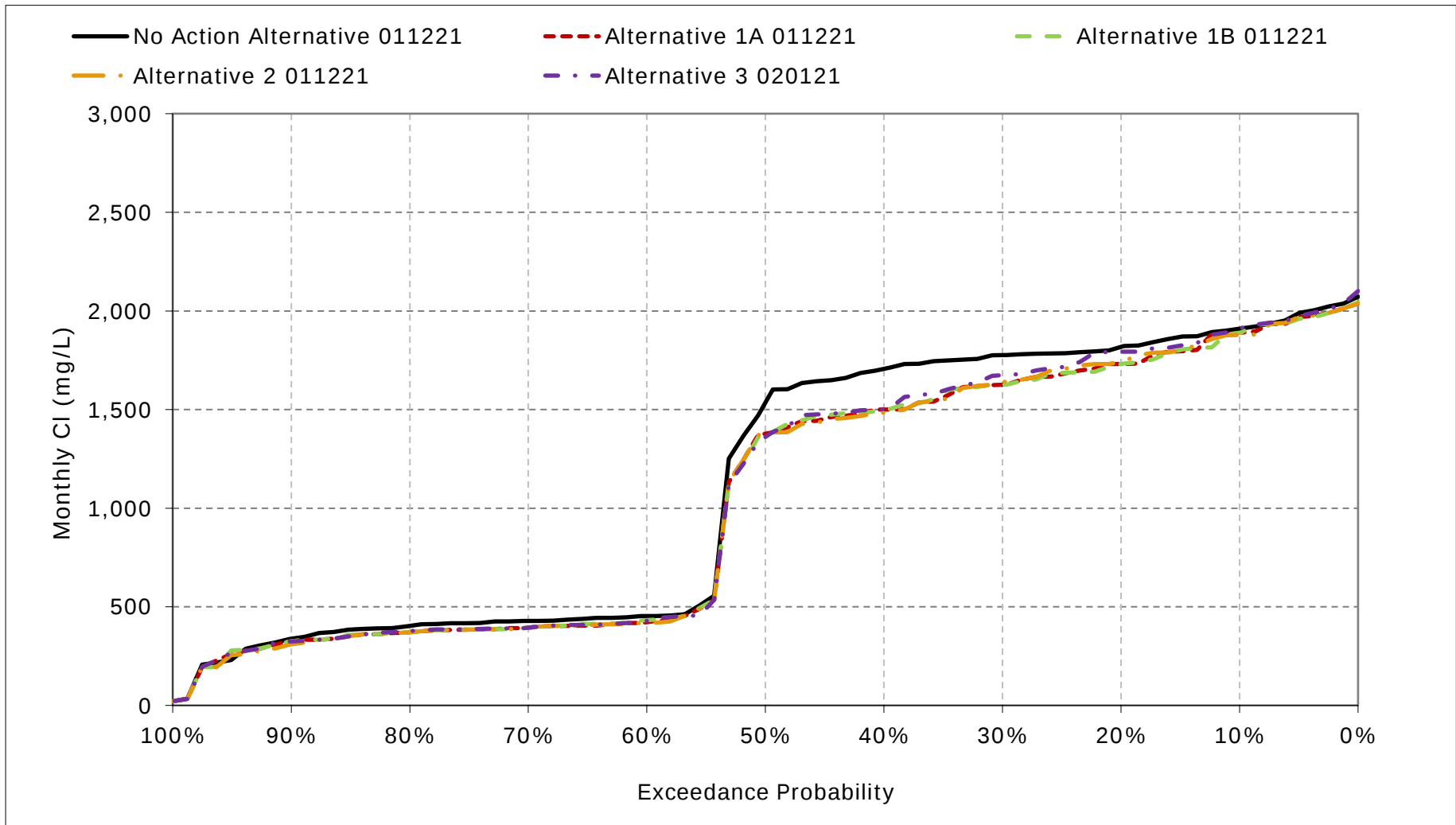
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-14. San Joaquin River at Antioch Chloride, August CI**



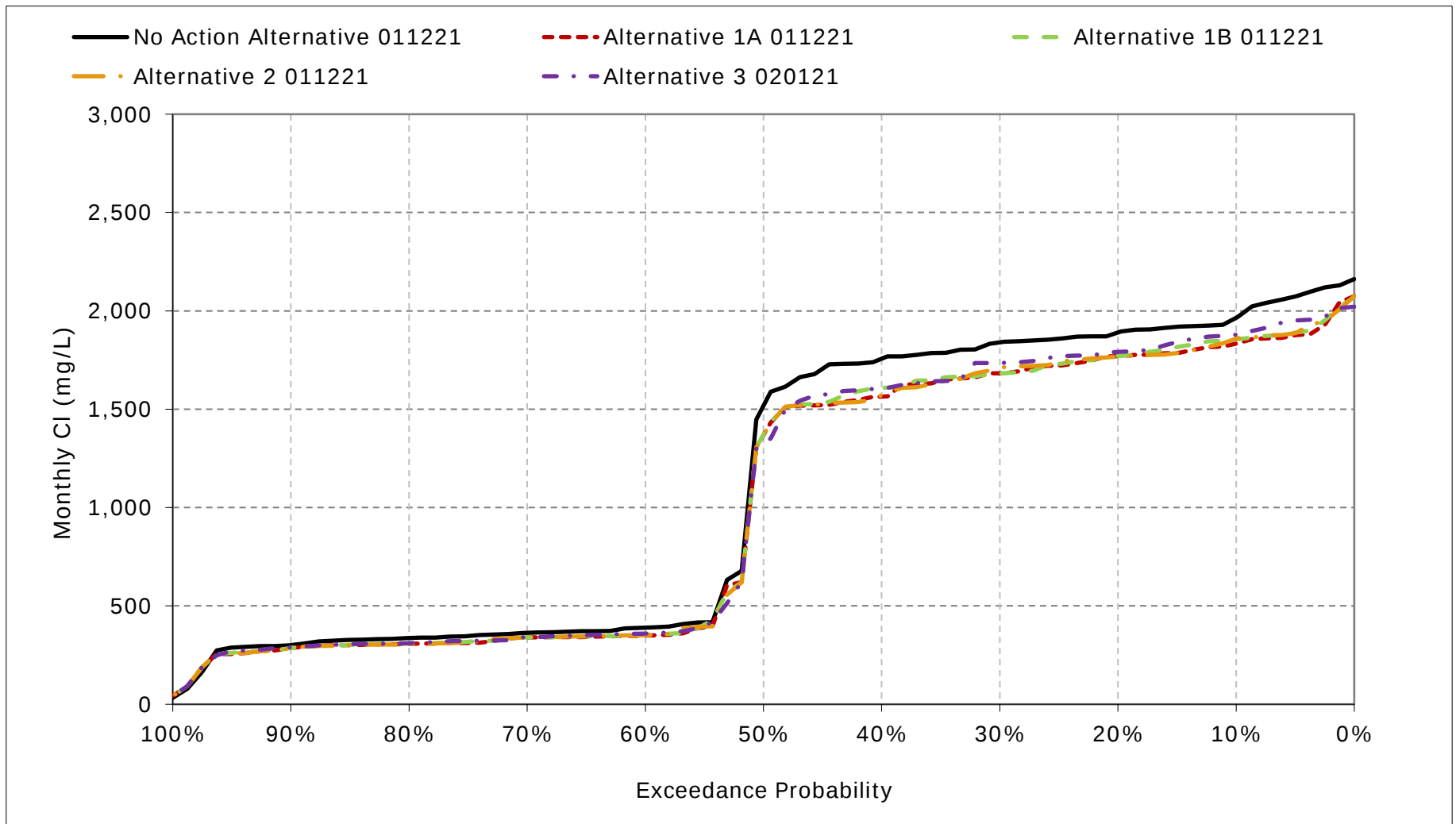
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-15. San Joaquin River at Antioch Chloride, September CI**



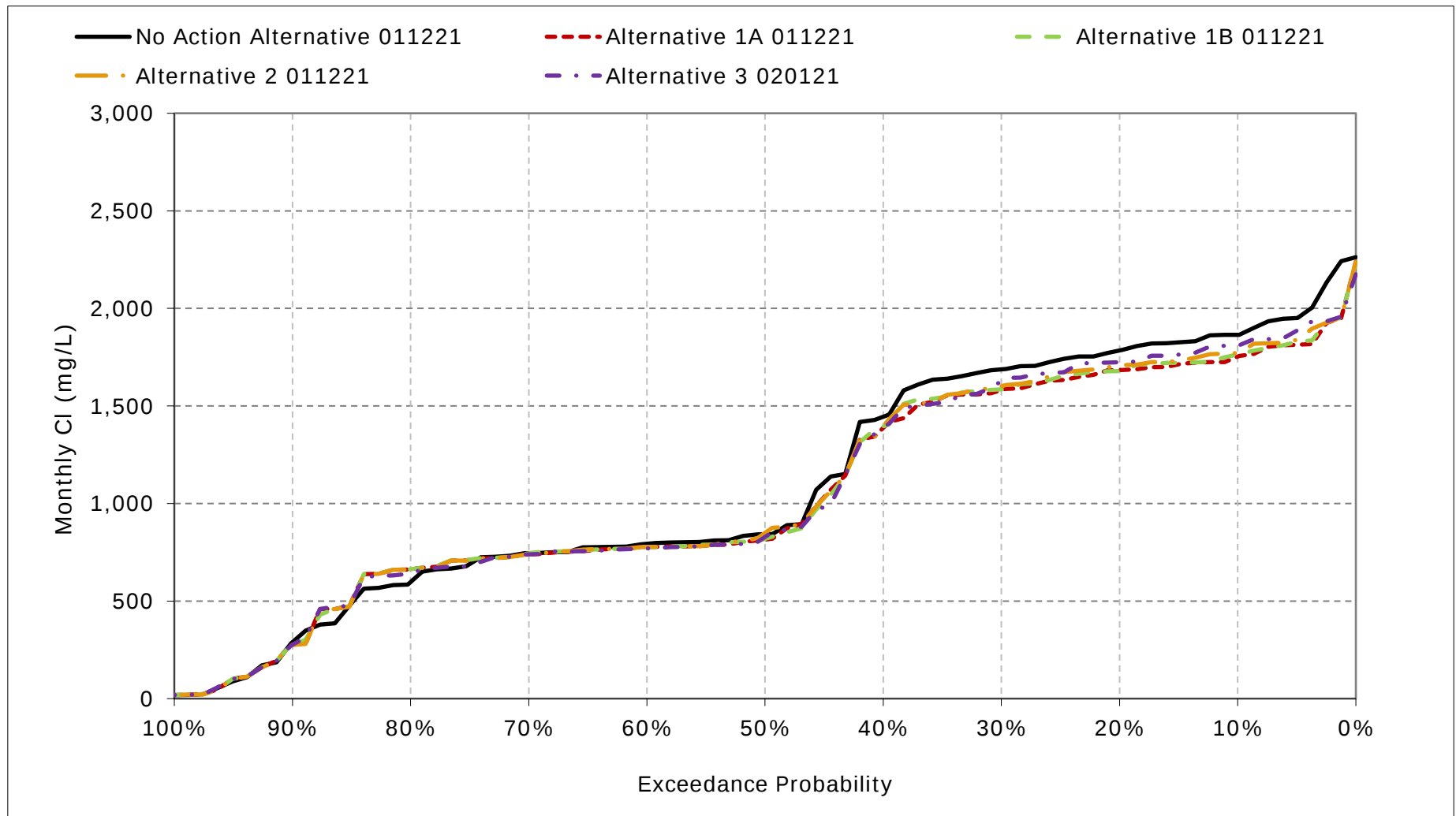
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-16. San Joaquin River at Antioch Chloride, October CI**



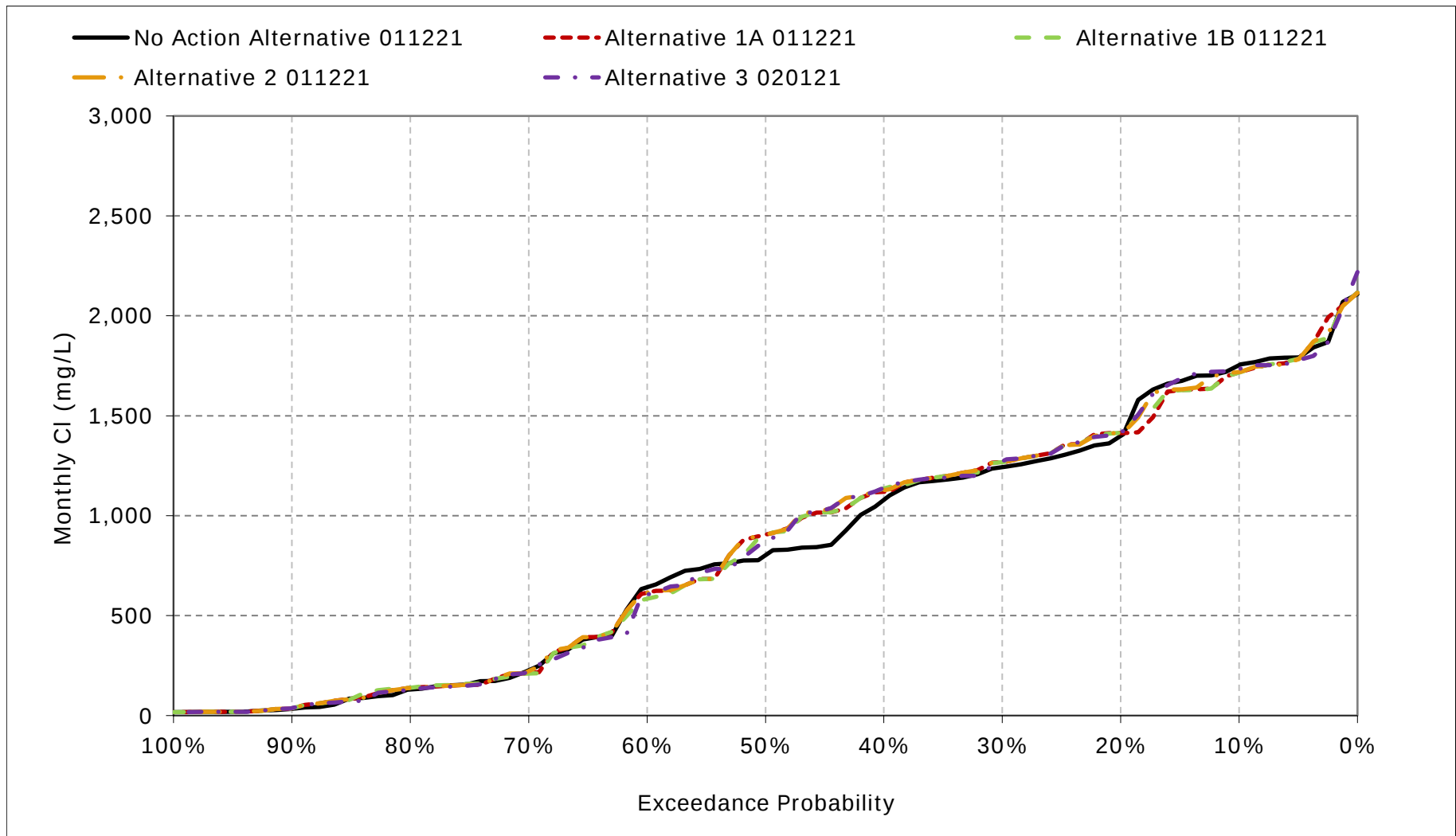
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-17. San Joaquin River at Antioch Chloride, November CI**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-2-18. San Joaquin River at Antioch Chloride, December CI**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-3-1a. Banks Pumping Plant South Delta Exports, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 148 | 149 | 156 | 200 | 143 | 101 | 88  | 82  | 63  | 66  | 101 | 131 |
| 20 %                                | 141 | 130 | 142 | 187 | 125 | 91  | 81  | 74  | 57  | 52  | 74  | 116 |
| 30 %                                | 134 | 124 | 136 | 170 | 107 | 82  | 73  | 68  | 47  | 43  | 66  | 106 |
| 40 %                                | 127 | 115 | 130 | 143 | 97  | 74  | 67  | 64  | 44  | 40  | 60  | 96  |
| 50 %                                | 117 | 107 | 119 | 112 | 87  | 67  | 62  | 61  | 42  | 38  | 52  | 83  |
| 60 %                                | 34  | 46  | 109 | 94  | 78  | 61  | 56  | 55  | 41  | 35  | 35  | 44  |
| 70 %                                | 29  | 41  | 100 | 86  | 67  | 54  | 48  | 47  | 39  | 30  | 31  | 38  |
| 80 %                                | 28  | 37  | 77  | 73  | 60  | 49  | 37  | 39  | 36  | 28  | 30  | 33  |
| 90 %                                | 27  | 33  | 40  | 59  | 47  | 42  | 27  | 25  | 32  | 27  | 29  | 28  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 87  | 86  | 112 | 125 | 91  | 69  | 60  | 57  | 46  | 43  | 55  | 76  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 28  | 38  | 82  | 80  | 64  | 50  | 38  | 36  | 35  | 31  | 30  | 33  |
| Above Normal (15 %)                 | 31  | 43  | 110 | 133 | 96  | 69  | 55  | 51  | 41  | 31  | 32  | 40  |
| Below Normal (17 %)                 | 141 | 117 | 115 | 141 | 91  | 70  | 64  | 61  | 44  | 35  | 63  | 123 |
| Dry (22 %)                          | 128 | 125 | 124 | 146 | 105 | 81  | 78  | 74  | 51  | 48  | 77  | 102 |
| Critical (15 %)                     | 144 | 139 | 158 | 168 | 128 | 89  | 79  | 77  | 70  | 79  | 91  | 112 |

Table 6B2-3-1b. Banks Pumping Plant South Delta Exports, Alternative 1A 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 147 | 139 | 152 | 202 | 143 | 101 | 91  | 82  | 64  | 69  | 101 | 120 |
| 20 %                                | 132 | 123 | 143 | 189 | 128 | 91  | 82  | 75  | 59  | 53  | 82  | 113 |
| 30 %                                | 126 | 113 | 133 | 175 | 114 | 82  | 74  | 68  | 47  | 43  | 69  | 105 |
| 40 %                                | 119 | 103 | 127 | 152 | 99  | 75  | 68  | 64  | 44  | 41  | 61  | 98  |
| 50 %                                | 99  | 91  | 123 | 127 | 90  | 67  | 62  | 61  | 43  | 38  | 50  | 86  |
| 60 %                                | 32  | 44  | 109 | 94  | 78  | 62  | 56  | 55  | 41  | 35  | 35  | 42  |
| 70 %                                | 29  | 38  | 101 | 84  | 67  | 54  | 48  | 47  | 39  | 30  | 31  | 37  |
| 80 %                                | 28  | 35  | 75  | 73  | 60  | 49  | 37  | 39  | 36  | 28  | 30  | 32  |
| 90 %                                | 27  | 32  | 40  | 60  | 47  | 42  | 28  | 25  | 32  | 27  | 29  | 28  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 84  | 81  | 111 | 127 | 93  | 69  | 60  | 57  | 46  | 43  | 57  | 74  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 28  | 36  | 83  | 80  | 64  | 50  | 38  | 36  | 35  | 31  | 30  | 32  |
| Above Normal (15 %)                 | 31  | 42  | 109 | 143 | 98  | 69  | 56  | 51  | 41  | 31  | 32  | 39  |
| Below Normal (17 %)                 | 127 | 113 | 116 | 141 | 93  | 71  | 65  | 61  | 44  | 35  | 60  | 110 |
| Dry (22 %)                          | 122 | 120 | 124 | 147 | 106 | 82  | 78  | 74  | 51  | 49  | 85  | 101 |
| Critical (15 %)                     | 150 | 120 | 150 | 169 | 130 | 91  | 80  | 78  | 71  | 81  | 94  | 118 |

Table 6B2-3-1c. Banks Pumping Plant South Delta Exports, Alternative 1A 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | -1  | -10 | -4  | 2   | 0   | 0   | 3   | 0   | 0   | 3   | 0   | -11 |
| 20 %                                | -9  | -7  | 2   | 2   | 3   | 0   | 1   | 1   | 1   | 1   | 8   | -3  |
| 30 %                                | -8  | -11 | -3  | 5   | 7   | 0   | 0   | 0   | 0   | 0   | 3   | -1  |
| 40 %                                | -8  | -12 | -3  | 9   | 2   | 2   | 1   | 0   | 0   | 1   | 1   | 2   |
| 50 %                                | -18 | -16 | 4   | 15  | 4   | 0   | 0   | 1   | 0   | 0   | -2  | 3   |
| 60 %                                | -1  | -3  | 0   | 1   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | -3  |
| 70 %                                | 0   | -2  | 1   | -2  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 80 %                                | 0   | -2  | -2  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 90 %                                | 0   | -1  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -3  | -5  | -1  | 2   | 1   | 1   | 0   | 0   | 0   | 1   | 2   | -2  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | -2  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Above Normal (15 %)                 | 0   | -1  | -1  | 10  | 2   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Below Normal (17 %)                 | -15 | -4  | 1   | 0   | 2   | 1   | 0   | 0   | 0   | 0   | -4  | -14 |
| Dry (22 %)                          | -6  | -5  | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 1   | 8   | -1  |
| Critical (15 %)                     | 6   | -19 | -8  | 1   | 2   | 2   | 1   | 1   | 1   | 2   | 4   | 6   |

a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-3-2a. Banks Pumping Plant South Delta Exports, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 148 | 149 | 156 | 200 | 143 | 101 | 88  | 82  | 63  | 66  | 101 | 131 |
| 20 %                                | 141 | 130 | 142 | 187 | 125 | 91  | 81  | 74  | 57  | 52  | 74  | 116 |
| 30 %                                | 134 | 124 | 136 | 170 | 107 | 82  | 73  | 68  | 47  | 43  | 66  | 106 |
| 40 %                                | 127 | 115 | 130 | 143 | 97  | 74  | 67  | 64  | 44  | 40  | 60  | 96  |
| 50 %                                | 117 | 107 | 119 | 112 | 87  | 67  | 62  | 61  | 42  | 38  | 52  | 83  |
| 60 %                                | 34  | 46  | 109 | 94  | 78  | 61  | 56  | 55  | 41  | 35  | 35  | 44  |
| 70 %                                | 29  | 41  | 100 | 86  | 67  | 54  | 48  | 47  | 39  | 30  | 31  | 38  |
| 80 %                                | 28  | 37  | 77  | 73  | 60  | 49  | 37  | 39  | 36  | 28  | 30  | 33  |
| 90 %                                | 27  | 33  | 40  | 59  | 47  | 42  | 27  | 25  | 32  | 27  | 29  | 28  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 87  | 86  | 112 | 125 | 91  | 69  | 60  | 57  | 46  | 43  | 55  | 76  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 28  | 38  | 82  | 80  | 64  | 50  | 38  | 36  | 35  | 31  | 30  | 33  |
| Above Normal (15 %)                 | 31  | 43  | 110 | 133 | 96  | 69  | 55  | 51  | 41  | 31  | 32  | 40  |
| Below Normal (17 %)                 | 141 | 117 | 115 | 141 | 91  | 70  | 64  | 61  | 44  | 35  | 63  | 123 |
| Dry (22 %)                          | 128 | 125 | 124 | 146 | 105 | 81  | 78  | 74  | 51  | 48  | 77  | 102 |
| Critical (15 %)                     | 144 | 139 | 158 | 168 | 128 | 89  | 79  | 77  | 70  | 79  | 91  | 112 |

Table 6B2-3-2b. Banks Pumping Plant South Delta Exports, Alternative 1B 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 151 | 139 | 156 | 203 | 143 | 102 | 90  | 82  | 64  | 69  | 101 | 122 |
| 20 %                                | 136 | 125 | 143 | 189 | 130 | 91  | 82  | 75  | 59  | 53  | 83  | 113 |
| 30 %                                | 125 | 115 | 135 | 175 | 114 | 81  | 74  | 68  | 47  | 43  | 69  | 105 |
| 40 %                                | 118 | 108 | 127 | 153 | 99  | 75  | 68  | 64  | 44  | 41  | 61  | 98  |
| 50 %                                | 105 | 96  | 123 | 125 | 90  | 67  | 62  | 61  | 43  | 38  | 50  | 83  |
| 60 %                                | 32  | 44  | 112 | 95  | 78  | 61  | 56  | 55  | 41  | 35  | 35  | 42  |
| 70 %                                | 29  | 38  | 100 | 82  | 67  | 54  | 48  | 47  | 39  | 30  | 31  | 37  |
| 80 %                                | 28  | 35  | 75  | 73  | 60  | 49  | 37  | 39  | 36  | 28  | 30  | 32  |
| 90 %                                | 27  | 32  | 40  | 60  | 47  | 42  | 28  | 25  | 32  | 27  | 29  | 28  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 85  | 82  | 112 | 127 | 93  | 69  | 60  | 57  | 46  | 43  | 57  | 74  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 28  | 36  | 83  | 80  | 64  | 50  | 38  | 36  | 35  | 31  | 30  | 32  |
| Above Normal (15 %)                 | 31  | 43  | 109 | 143 | 98  | 69  | 55  | 51  | 41  | 31  | 32  | 39  |
| Below Normal (17 %)                 | 127 | 113 | 115 | 142 | 93  | 71  | 65  | 61  | 44  | 35  | 59  | 109 |
| Dry (22 %)                          | 124 | 123 | 130 | 146 | 106 | 82  | 78  | 74  | 51  | 50  | 86  | 101 |
| Critical (15 %)                     | 156 | 123 | 151 | 170 | 130 | 90  | 79  | 77  | 71  | 81  | 94  | 119 |

Table 6B2-3-2c. Banks Pumping Plant South Delta Exports, Alternative 1B 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 3   | -10 | 0   | 4   | 0   | 1   | 1   | 0   | 0   | 3   | 0   | -9  |
| 20 %                                | -5  | -5  | 1   | 2   | 5   | 0   | 1   | 1   | 2   | 1   | 10  | -3  |
| 30 %                                | -9  | -9  | -1  | 5   | 7   | 0   | 0   | 0   | 0   | 0   | 4   | -1  |
| 40 %                                | -8  | -7  | -3  | 10  | 2   | 1   | 1   | 0   | 0   | 1   | 1   | 2   |
| 50 %                                | -12 | -10 | 4   | 13  | 3   | 0   | 0   | 1   | 0   | 0   | -2  | 0   |
| 60 %                                | -1  | -3  | 3   | 1   | 0   | 1   | 0   | 0   | 0   | 1   | 0   | -3  |
| 70 %                                | 0   | -2  | 1   | -4  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 80 %                                | 0   | -2  | -2  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 90 %                                | 0   | -1  | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -2  | -4  | 0   | 2   | 1   | 0   | 0   | 0   | 0   | 1   | 2   | -2  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | -2  | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Above Normal (15 %)                 | 0   | 0   | 0   | 10  | 2   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Below Normal (17 %)                 | -15 | -4  | 0   | 1   | 2   | 1   | 0   | 0   | 0   | 0   | -4  | -14 |
| Dry (22 %)                          | -4  | -1  | 6   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 9   | -1  |
| Critical (15 %)                     | 12  | -15 | -7  | 2   | 2   | 1   | 0   | 0   | 0   | 2   | 4   | 7   |

a Based on the 82-year simulation period.  
b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).  
c These results are displayed with calendar year - year type sorting.  
d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-3-3a. Banks Pumping Plant South Delta Exports, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 148 | 149 | 156 | 200 | 143 | 101 | 88  | 82  | 63  | 66  | 101 | 131 |
| 20 %                                | 141 | 130 | 142 | 187 | 125 | 91  | 81  | 74  | 57  | 52  | 74  | 116 |
| 30 %                                | 134 | 124 | 136 | 170 | 107 | 82  | 73  | 68  | 47  | 43  | 66  | 106 |
| 40 %                                | 127 | 115 | 130 | 143 | 97  | 74  | 67  | 64  | 44  | 40  | 60  | 96  |
| 50 %                                | 117 | 107 | 119 | 112 | 87  | 67  | 62  | 61  | 42  | 38  | 52  | 83  |
| 60 %                                | 34  | 46  | 109 | 94  | 78  | 61  | 56  | 55  | 41  | 35  | 35  | 44  |
| 70 %                                | 29  | 41  | 100 | 86  | 67  | 54  | 48  | 47  | 39  | 30  | 31  | 38  |
| 80 %                                | 28  | 37  | 77  | 73  | 60  | 49  | 37  | 39  | 36  | 28  | 30  | 33  |
| 90 %                                | 27  | 33  | 40  | 59  | 47  | 42  | 27  | 25  | 32  | 27  | 29  | 28  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 87  | 86  | 112 | 125 | 91  | 69  | 60  | 57  | 46  | 43  | 55  | 76  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 28  | 38  | 82  | 80  | 64  | 50  | 38  | 36  | 35  | 31  | 30  | 33  |
| Above Normal (15 %)                 | 31  | 43  | 110 | 133 | 96  | 69  | 55  | 51  | 41  | 31  | 32  | 40  |
| Below Normal (17 %)                 | 141 | 117 | 115 | 141 | 91  | 70  | 64  | 61  | 44  | 35  | 63  | 123 |
| Dry (22 %)                          | 128 | 125 | 124 | 146 | 105 | 81  | 78  | 74  | 51  | 48  | 77  | 102 |
| Critical (15 %)                     | 144 | 139 | 158 | 168 | 128 | 89  | 79  | 77  | 70  | 79  | 91  | 112 |

Table 6B2-3-3b. Banks Pumping Plant South Delta Exports, Alternative 2 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 146 | 137 | 151 | 203 | 143 | 100 | 90  | 82  | 64  | 69  | 101 | 118 |
| 20 %                                | 135 | 121 | 143 | 189 | 125 | 91  | 82  | 75  | 59  | 53  | 80  | 114 |
| 30 %                                | 126 | 115 | 133 | 176 | 113 | 82  | 74  | 68  | 47  | 43  | 69  | 104 |
| 40 %                                | 119 | 104 | 130 | 158 | 100 | 75  | 68  | 64  | 44  | 41  | 61  | 98  |
| 50 %                                | 99  | 90  | 124 | 128 | 90  | 67  | 62  | 61  | 43  | 38  | 50  | 86  |
| 60 %                                | 32  | 44  | 109 | 94  | 78  | 61  | 56  | 55  | 41  | 35  | 35  | 42  |
| 70 %                                | 29  | 39  | 100 | 84  | 67  | 54  | 48  | 47  | 39  | 30  | 31  | 37  |
| 80 %                                | 28  | 35  | 75  | 73  | 60  | 48  | 37  | 39  | 36  | 28  | 30  | 32  |
| 90 %                                | 27  | 32  | 40  | 60  | 47  | 42  | 28  | 25  | 32  | 27  | 29  | 28  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 83  | 81  | 112 | 128 | 93  | 69  | 60  | 57  | 46  | 43  | 57  | 74  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 28  | 37  | 83  | 80  | 64  | 50  | 38  | 36  | 35  | 31  | 30  | 32  |
| Above Normal (15 %)                 | 31  | 42  | 109 | 143 | 98  | 69  | 55  | 51  | 41  | 31  | 32  | 39  |
| Below Normal (17 %)                 | 126 | 112 | 116 | 143 | 94  | 71  | 65  | 61  | 44  | 35  | 60  | 109 |
| Dry (22 %)                          | 122 | 119 | 126 | 146 | 106 | 82  | 78  | 74  | 51  | 49  | 85  | 101 |
| Critical (15 %)                     | 149 | 121 | 150 | 170 | 130 | 91  | 80  | 77  | 71  | 81  | 94  | 116 |

Table 6B2-3-3c. Banks Pumping Plant South Delta Exports, Alternative 2 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | -2  | -12 | -5  | 4   | 0   | 0   | 1   | -1  | 0   | 3   | 0   | -13 |
| 20 %                                | -6  | -9  | 1   | 2   | 0   | 0   | 1   | 1   | 1   | 1   | 6   | -2  |
| 30 %                                | -8  | -10 | -3  | 6   | 6   | 0   | 0   | 0   | 0   | 0   | 3   | -1  |
| 40 %                                | -8  | -10 | 0   | 15  | 3   | 2   | 1   | 0   | 0   | 1   | 1   | 2   |
| 50 %                                | -18 | -17 | 5   | 17  | 4   | 0   | 0   | 1   | 0   | 0   | -2  | 3   |
| 60 %                                | -1  | -2  | 0   | 1   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | -3  |
| 70 %                                | 0   | -2  | 1   | -2  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 80 %                                | 0   | -2  | -2  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 90 %                                | 0   | -1  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -3  | -5  | 0   | 2   | 1   | 0   | 0   | 0   | 0   | 1   | 1   | -2  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | -2  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Above Normal (15 %)                 | -1  | -1  | -1  | 10  | 2   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Below Normal (17 %)                 | -16 | -4  | 1   | 3   | 3   | 1   | 0   | 0   | 0   | 0   | -4  | -14 |
| Dry (22 %)                          | -6  | -6  | 1   | 1   | 1   | 0   | 0   | 0   | 0   | 1   | 8   | -1  |
| Critical (15 %)                     | 5   | -18 | -8  | 2   | 2   | 1   | 1   | 0   | 0   | 2   | 3   | 4   |

a Based on the 82-year simulation period.  
b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).  
c These results are displayed with calendar year - year type sorting.  
d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-3-4a. Banks Pumping Plant South Delta Exports, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 148 | 149 | 156 | 200 | 143 | 101 | 88  | 82  | 63  | 66  | 101 | 131 |
| 20 %                                | 141 | 130 | 142 | 187 | 125 | 91  | 81  | 74  | 57  | 52  | 74  | 116 |
| 30 %                                | 134 | 124 | 136 | 170 | 107 | 82  | 73  | 68  | 47  | 43  | 66  | 106 |
| 40 %                                | 127 | 115 | 130 | 143 | 97  | 74  | 67  | 64  | 44  | 40  | 60  | 96  |
| 50 %                                | 117 | 107 | 119 | 112 | 87  | 67  | 62  | 61  | 42  | 38  | 52  | 83  |
| 60 %                                | 34  | 46  | 109 | 94  | 78  | 61  | 56  | 55  | 41  | 35  | 35  | 44  |
| 70 %                                | 29  | 41  | 100 | 86  | 67  | 54  | 48  | 47  | 39  | 30  | 31  | 38  |
| 80 %                                | 28  | 37  | 77  | 73  | 60  | 49  | 37  | 39  | 36  | 28  | 30  | 33  |
| 90 %                                | 27  | 33  | 40  | 59  | 47  | 42  | 27  | 25  | 32  | 27  | 29  | 28  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 87  | 86  | 112 | 125 | 91  | 69  | 60  | 57  | 46  | 43  | 55  | 76  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 28  | 38  | 82  | 80  | 64  | 50  | 38  | 36  | 35  | 31  | 30  | 33  |
| Above Normal (15 %)                 | 31  | 43  | 110 | 133 | 96  | 69  | 55  | 51  | 41  | 31  | 32  | 40  |
| Below Normal (17 %)                 | 141 | 117 | 115 | 141 | 91  | 70  | 64  | 61  | 44  | 35  | 63  | 123 |
| Dry (22 %)                          | 128 | 125 | 124 | 146 | 105 | 81  | 78  | 74  | 51  | 48  | 77  | 102 |
| Critical (15 %)                     | 144 | 139 | 158 | 168 | 128 | 89  | 79  | 77  | 70  | 79  | 91  | 112 |

Table 6B2-3-4b. Banks Pumping Plant South Delta Exports, Alternative 3 020121, Monthly CI (mg /L)

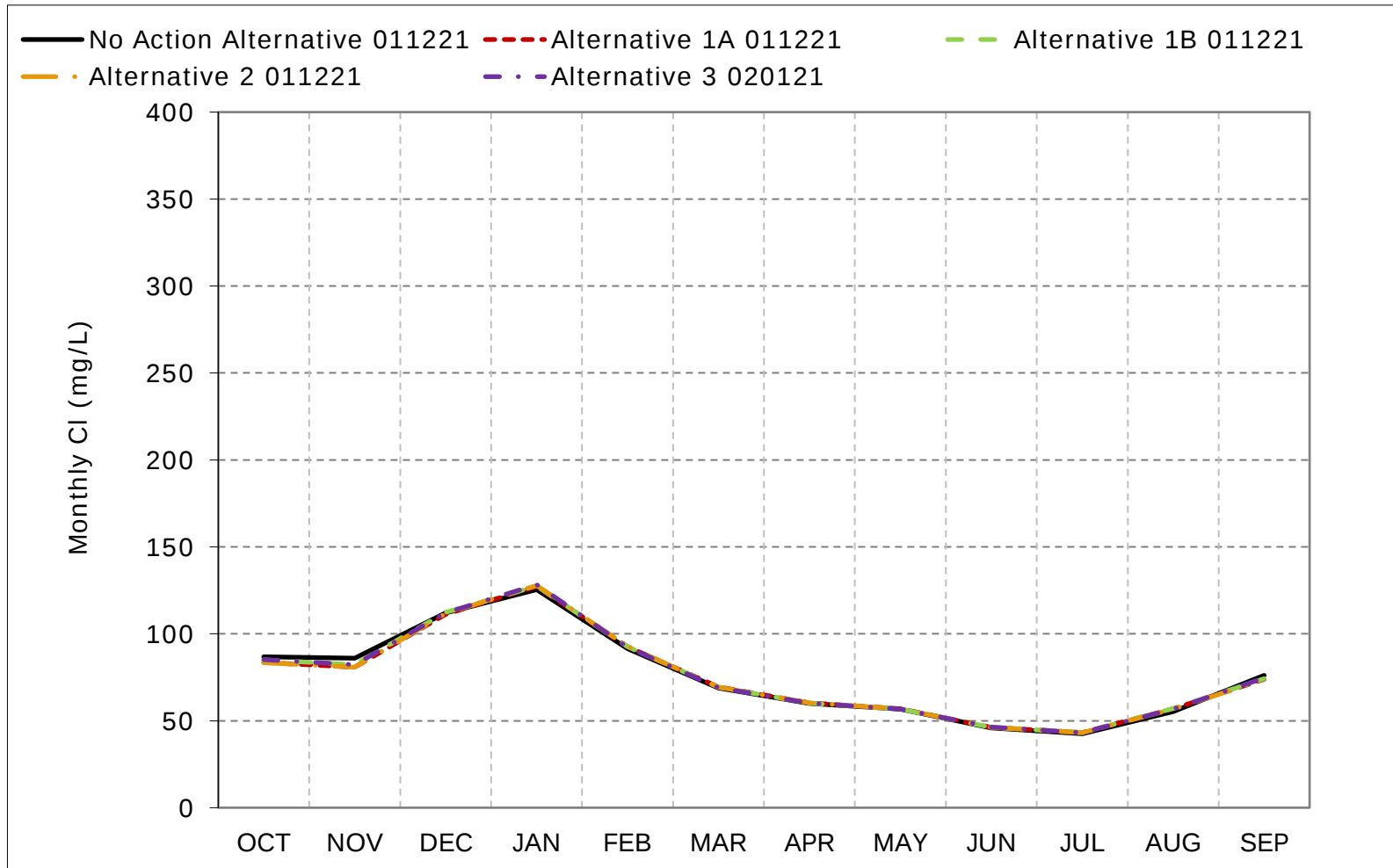
| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 150 | 143 | 157 | 203 | 141 | 100 | 91  | 82  | 67  | 68  | 101 | 126 |
| 20 %                                | 136 | 125 | 143 | 190 | 125 | 92  | 82  | 74  | 60  | 53  | 79  | 112 |
| 30 %                                | 130 | 116 | 137 | 171 | 110 | 81  | 73  | 68  | 47  | 43  | 68  | 106 |
| 40 %                                | 122 | 107 | 131 | 158 | 100 | 75  | 68  | 64  | 44  | 41  | 61  | 98  |
| 50 %                                | 108 | 96  | 121 | 129 | 91  | 68  | 62  | 61  | 43  | 38  | 50  | 86  |
| 60 %                                | 32  | 44  | 111 | 93  | 79  | 62  | 56  | 55  | 41  | 35  | 35  | 42  |
| 70 %                                | 29  | 40  | 101 | 83  | 68  | 54  | 49  | 47  | 39  | 30  | 31  | 37  |
| 80 %                                | 28  | 36  | 74  | 73  | 60  | 48  | 37  | 39  | 37  | 28  | 30  | 32  |
| 90 %                                | 27  | 32  | 41  | 60  | 47  | 42  | 28  | 25  | 32  | 27  | 29  | 28  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 85  | 82  | 112 | 128 | 92  | 69  | 60  | 57  | 46  | 43  | 57  | 75  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 28  | 36  | 83  | 80  | 64  | 50  | 38  | 36  | 35  | 31  | 30  | 32  |
| Above Normal (15 %)                 | 30  | 44  | 108 | 142 | 98  | 69  | 55  | 51  | 41  | 31  | 32  | 39  |
| Below Normal (17 %)                 | 128 | 117 | 114 | 149 | 93  | 71  | 65  | 61  | 44  | 35  | 59  | 110 |
| Dry (22 %)                          | 125 | 117 | 128 | 146 | 105 | 81  | 78  | 73  | 51  | 49  | 84  | 103 |
| Critical (15 %)                     | 155 | 127 | 152 | 168 | 128 | 90  | 80  | 77  | 71  | 81  | 95  | 120 |

Table 6B2-3-4c. Banks Pumping Plant South Delta Exports, Alternative 3 020121 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 3   | -6  | 1   | 3   | -2  | -1  | 3   | 0   | 3   | 2   | -1  | -5  |
| 20 %                                | -5  | -5  | 1   | 3   | 0   | 0   | 1   | 1   | 3   | 1   | 6   | -5  |
| 30 %                                | -4  | -9  | 1   | 1   | 4   | 0   | 0   | 0   | 0   | 0   | 3   | 0   |
| 40 %                                | -5  | -8  | 1   | 15  | 3   | 2   | 1   | 0   | 0   | 1   | 1   | 3   |
| 50 %                                | -9  | -10 | 2   | 17  | 4   | 1   | 0   | 1   | 0   | 1   | -2  | 3   |
| 60 %                                | -2  | -2  | 2   | -1  | 1   | 2   | 0   | 0   | 0   | 0   | 0   | -3  |
| 70 %                                | 0   | -1  | 1   | -3  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 80 %                                | 0   | -1  | -3  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| 90 %                                | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -2  | -4  | 0   | 3   | 1   | 0   | 0   | 0   | 0   | 1   | 1   | -1  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | -2  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Above Normal (15 %)                 | -1  | 1   | -2  | 9   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Below Normal (17 %)                 | -14 | 0   | -1  | 8   | 3   | 1   | 1   | 0   | 0   | 0   | -4  | -13 |
| Dry (22 %)                          | -3  | -8  | 4   | 1   | 0   | 0   | 0   | -1  | 1   | 2   | 7   | 1   |
| Critical (15 %)                     | 11  | -11 | -6  | 0   | 0   | 1   | 1   | 1   | 1   | 2   | 4   | 9   |

a Based on the 82-year simulation period.  
b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).  
c These results are displayed with calendar year - year type sorting.  
d All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-1. Banks Pumping Plant South Delta Exports, Long-Term Average Cl**

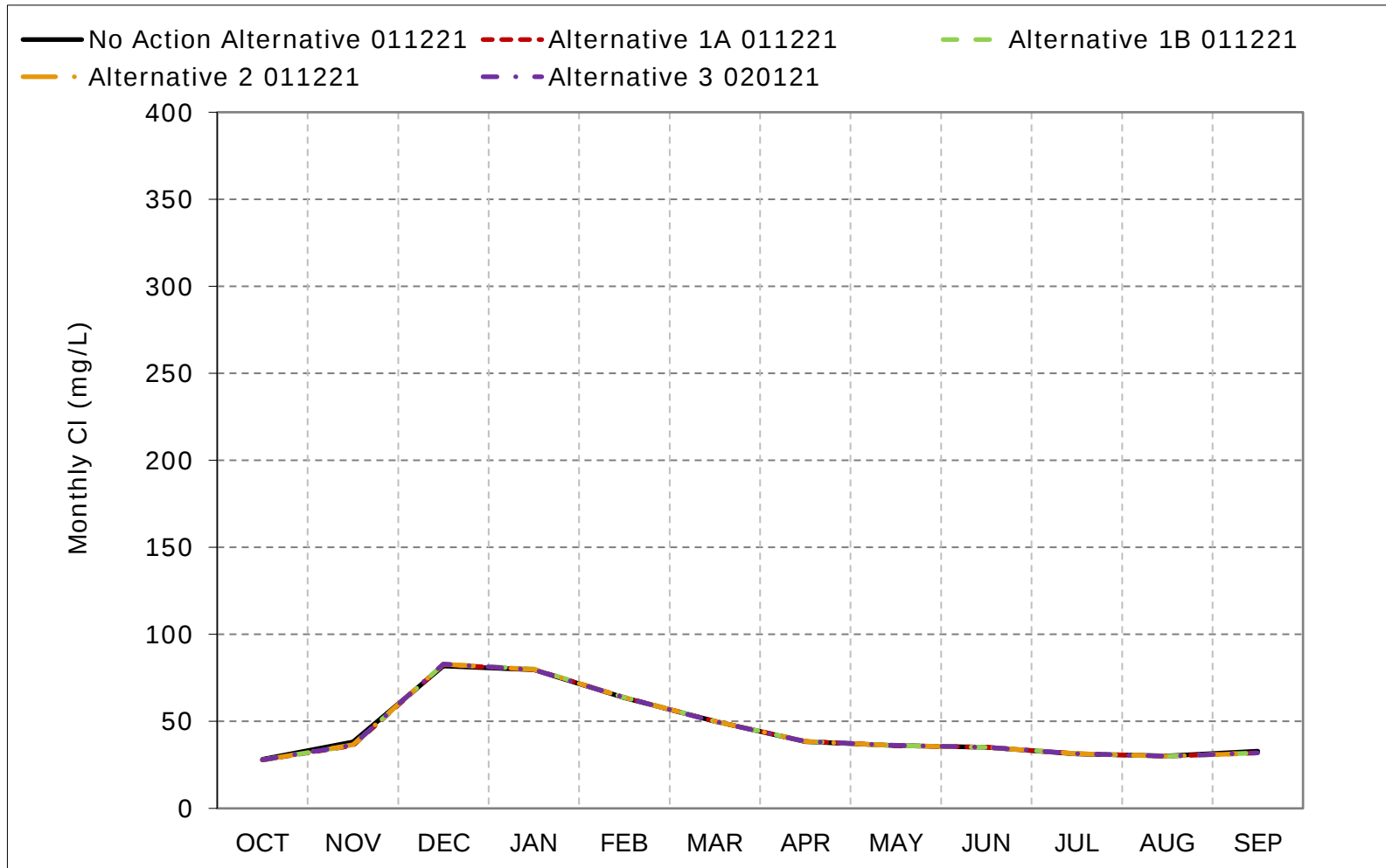


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-2. Banks Pumping Plant South Delta Exports, Wet Year Average Cl**

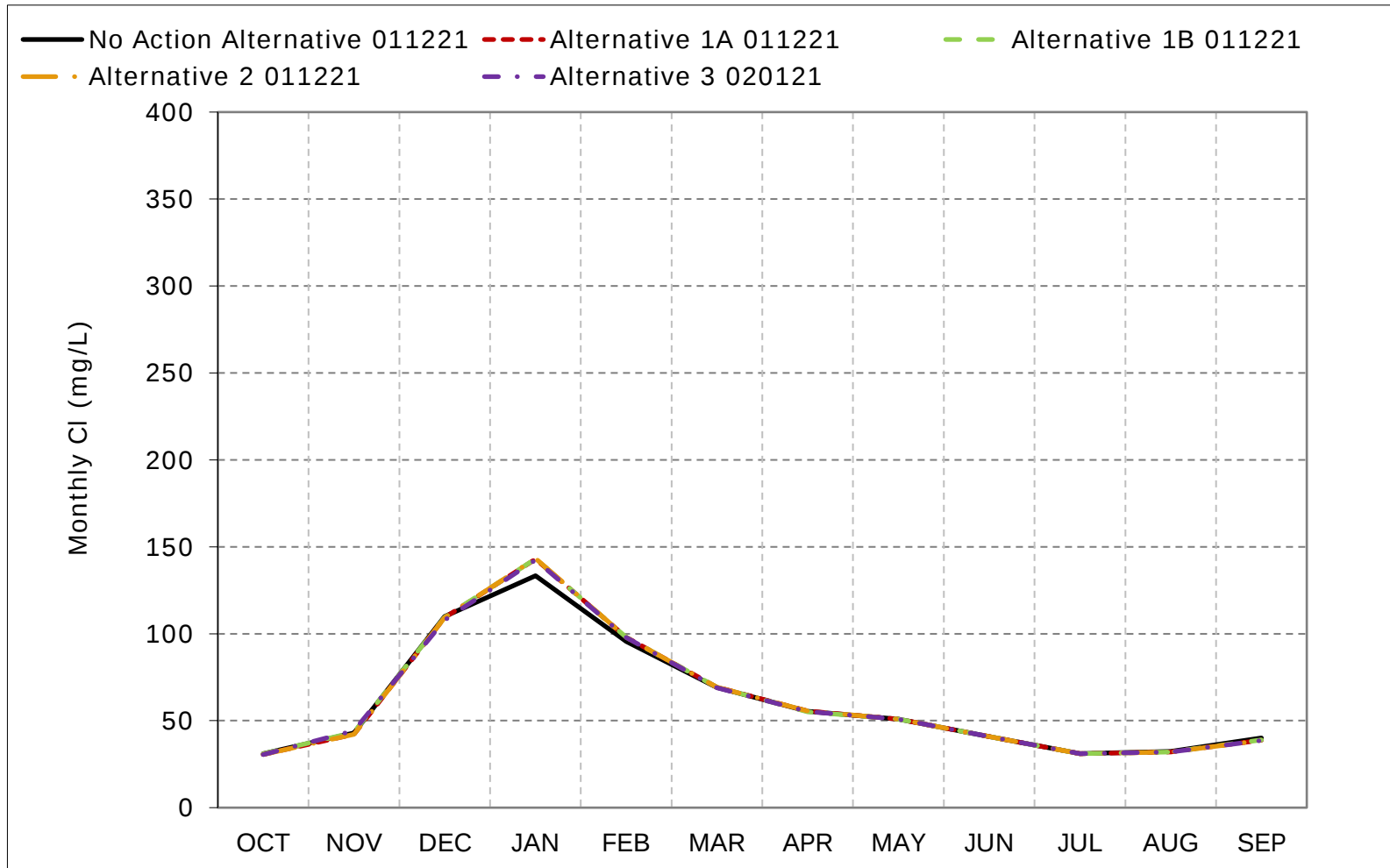


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-3. Banks Pumping Plant South Delta Exports, Above Normal Year Average CI**

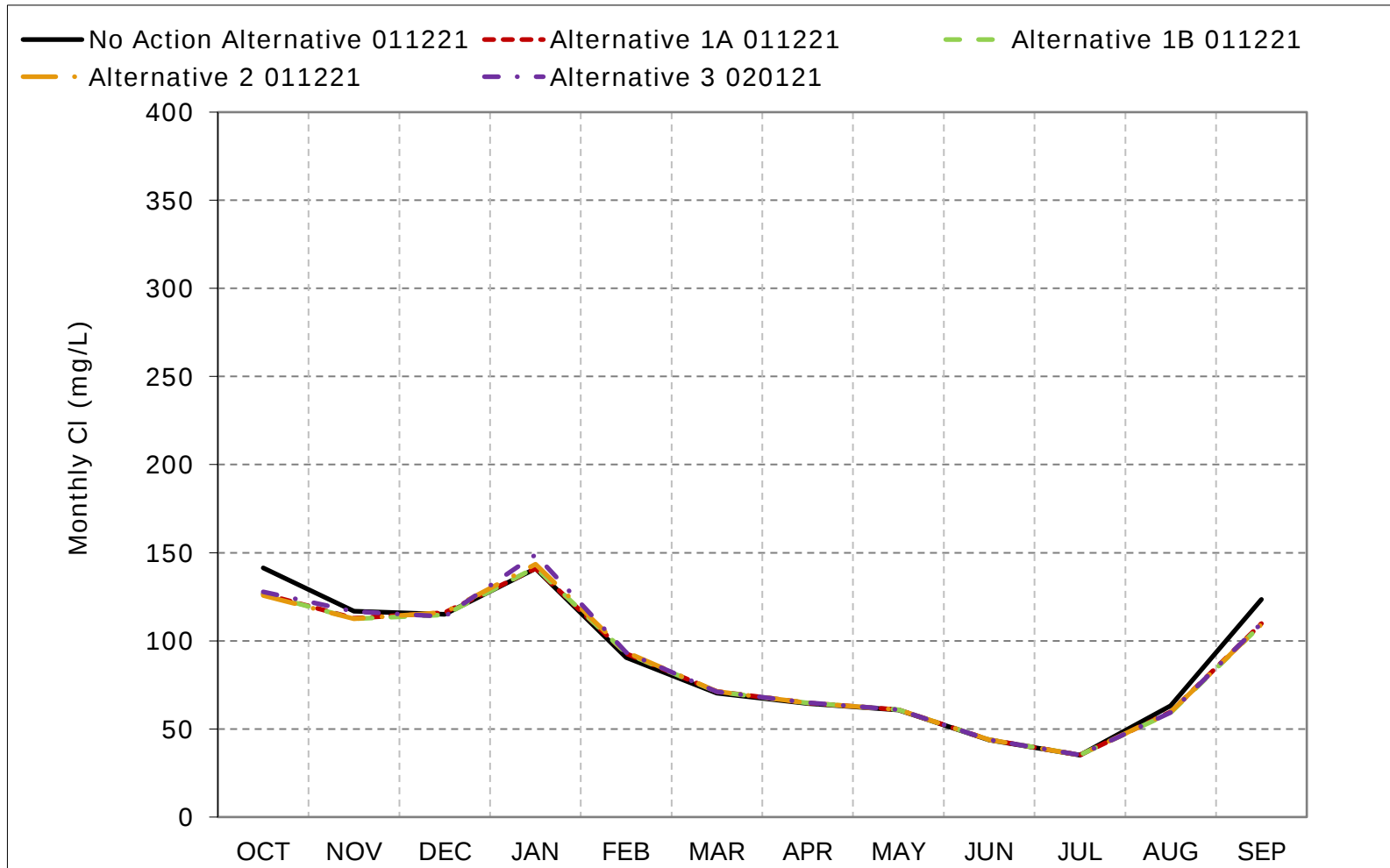


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-4. Banks Pumping Plant South Delta Exports, Below Normal Year Average CI**

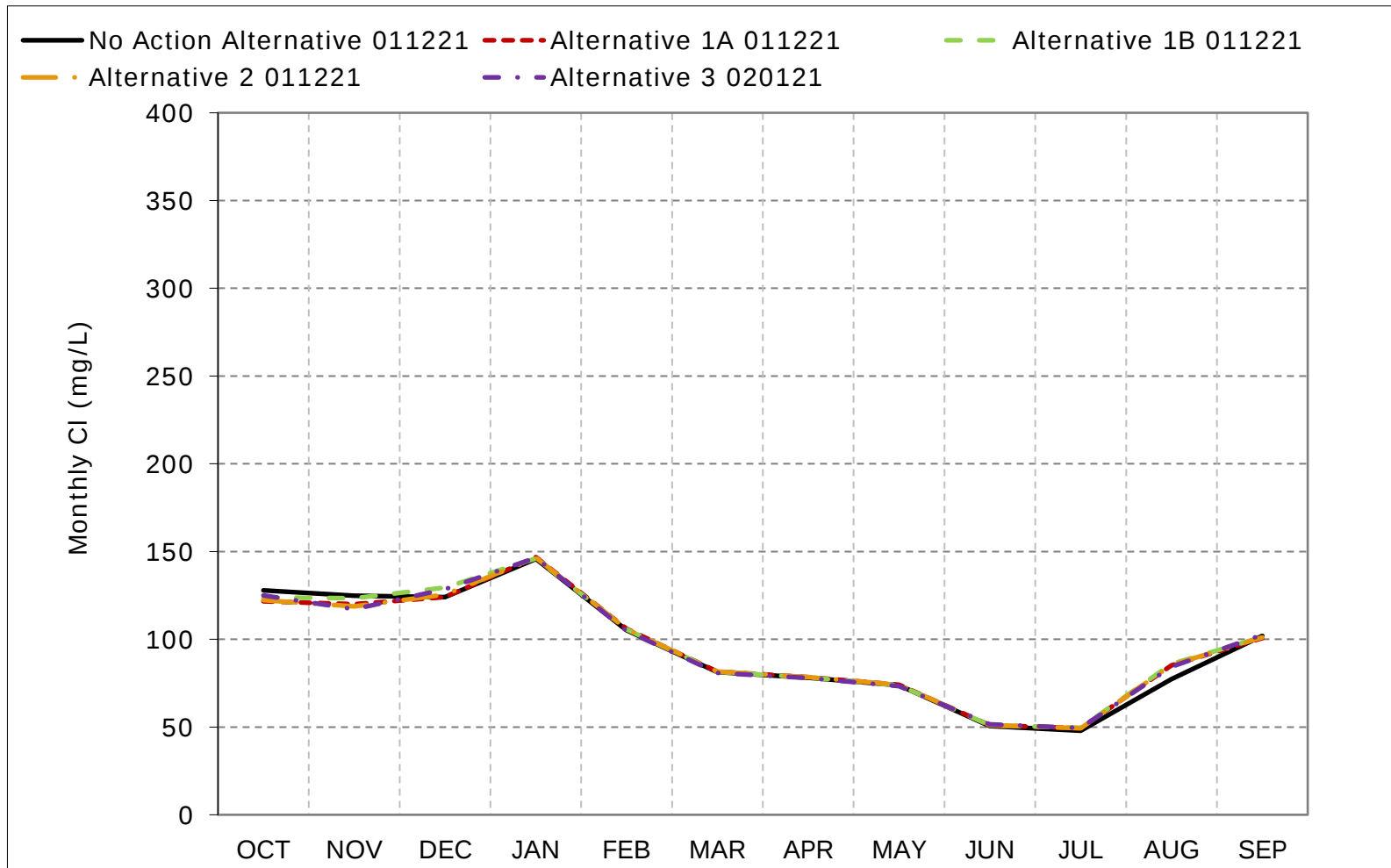


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-5. Banks Pumping Plant South Delta Exports, Dry Year Average Cl**

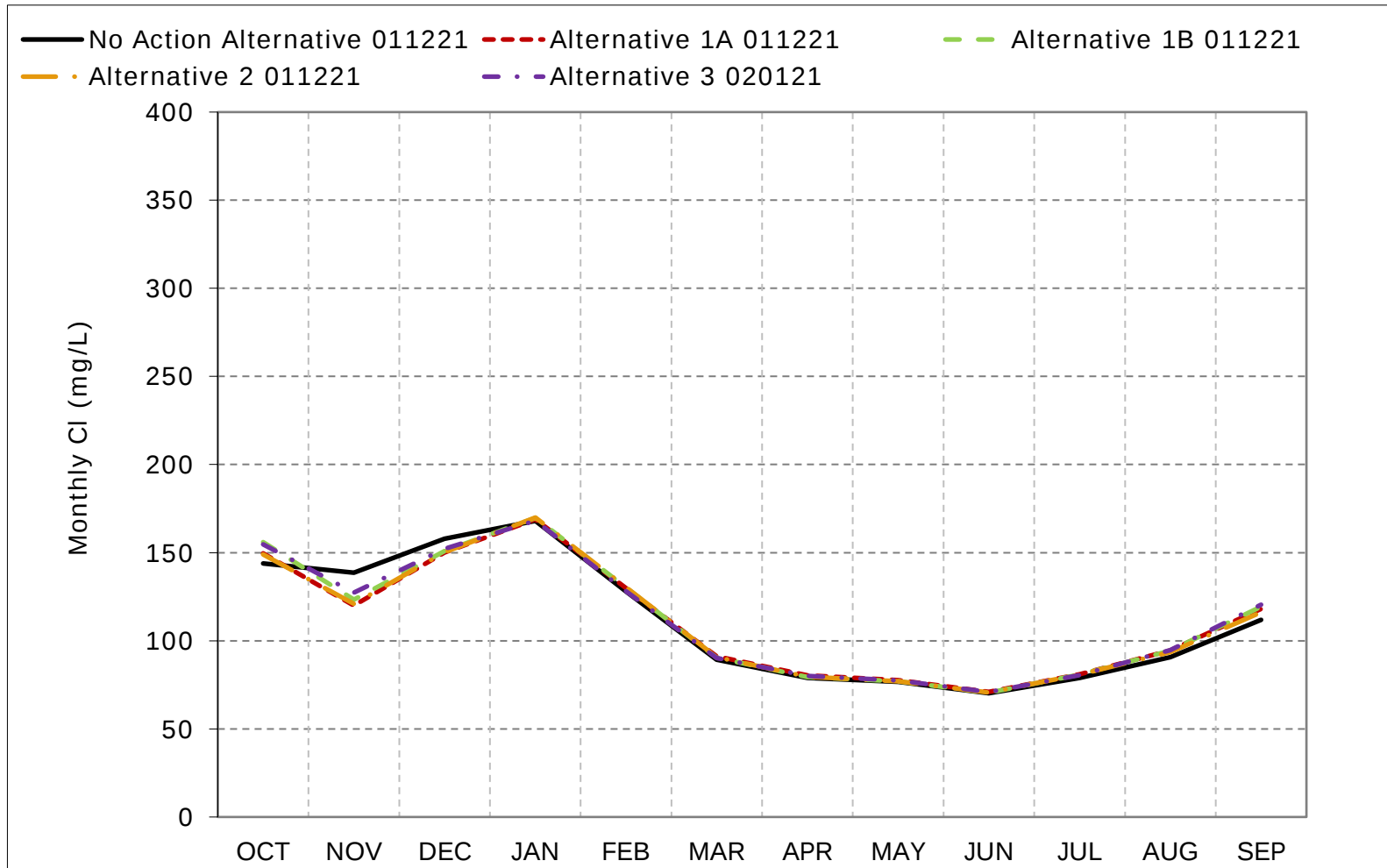


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-6. Banks Pumping Plant South Delta Exports, Critical Year Average CI**

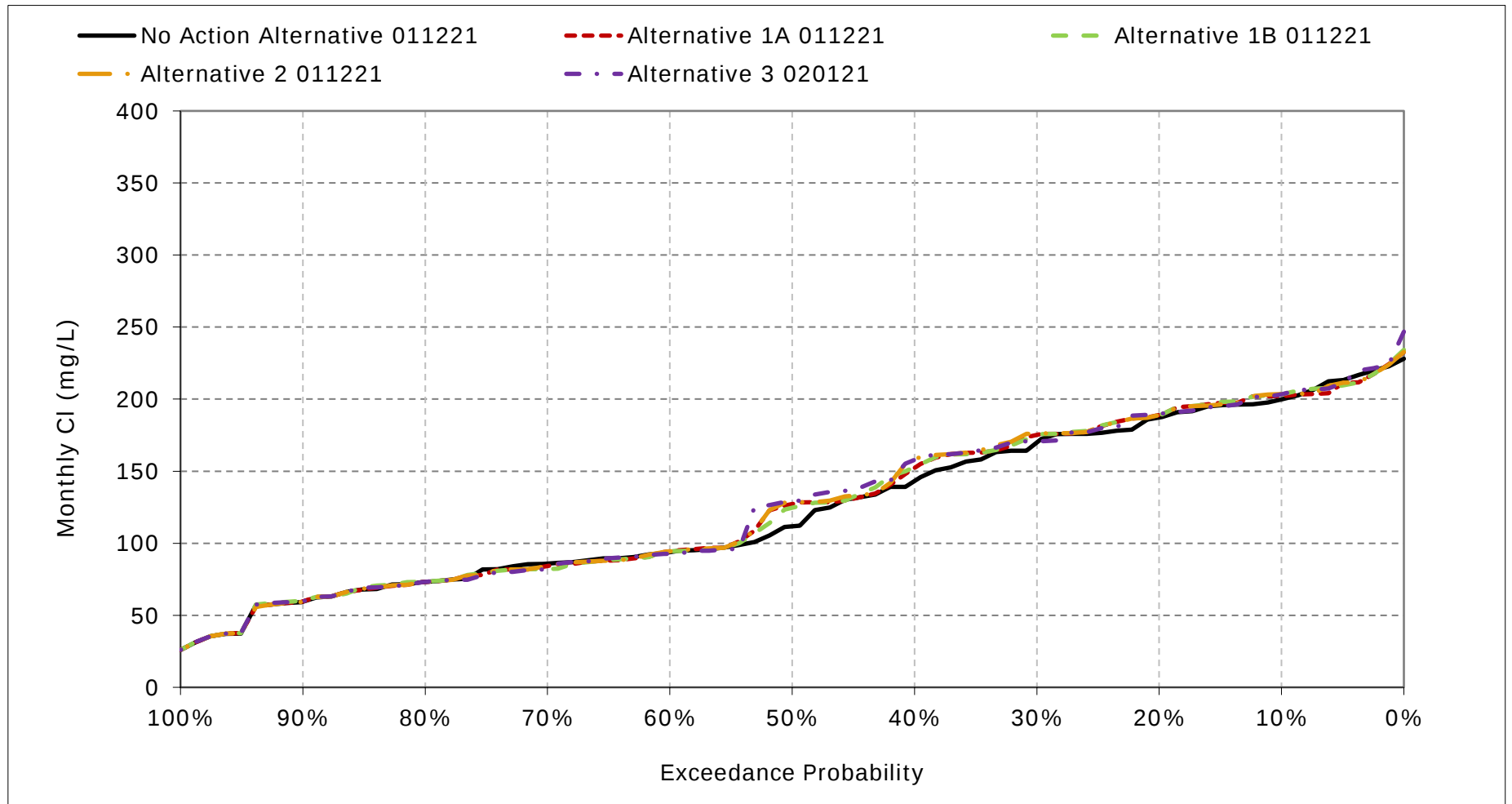


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

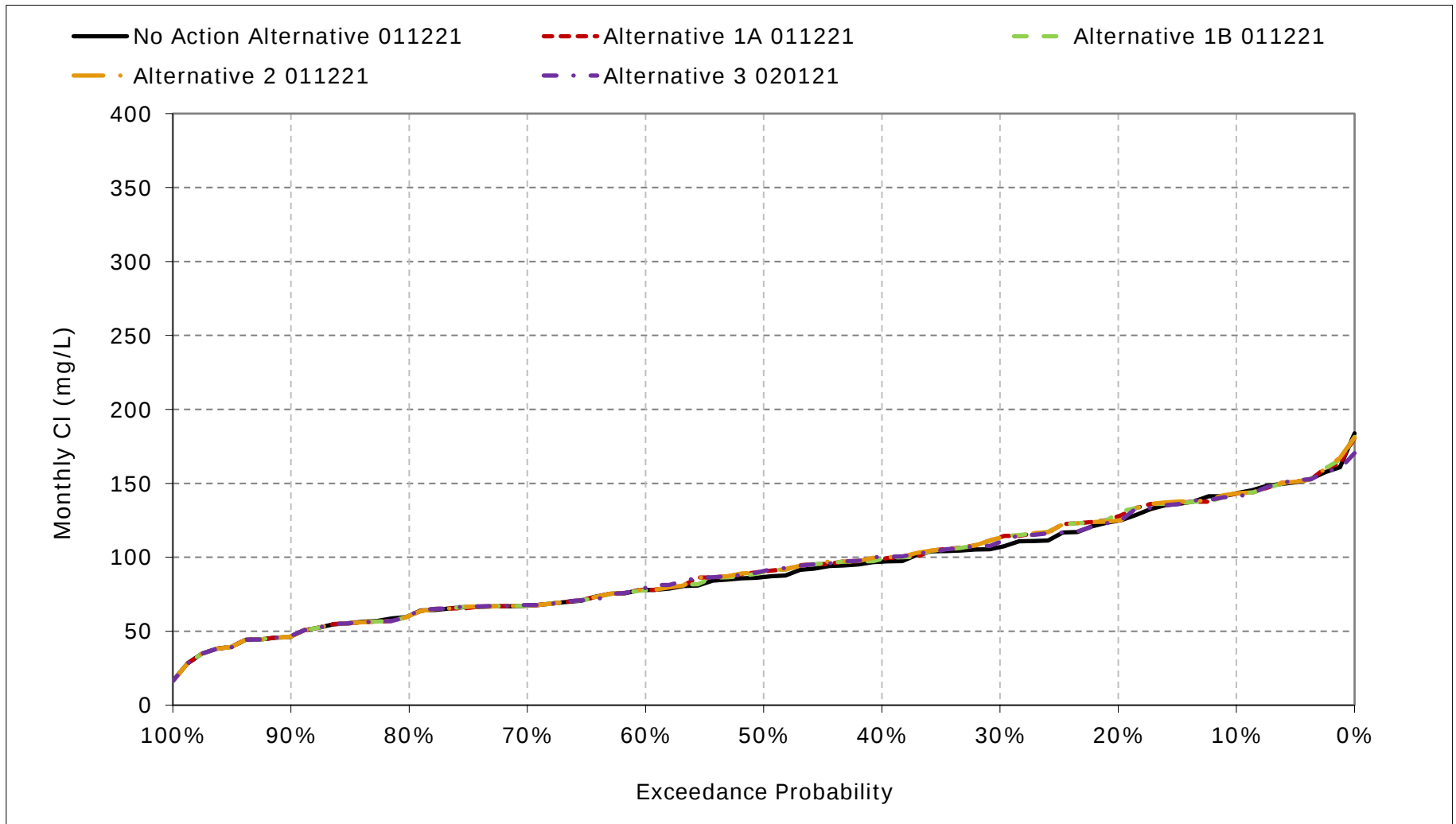
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-7. Banks Pumping Plant South Delta Exports Chloride, January CI**



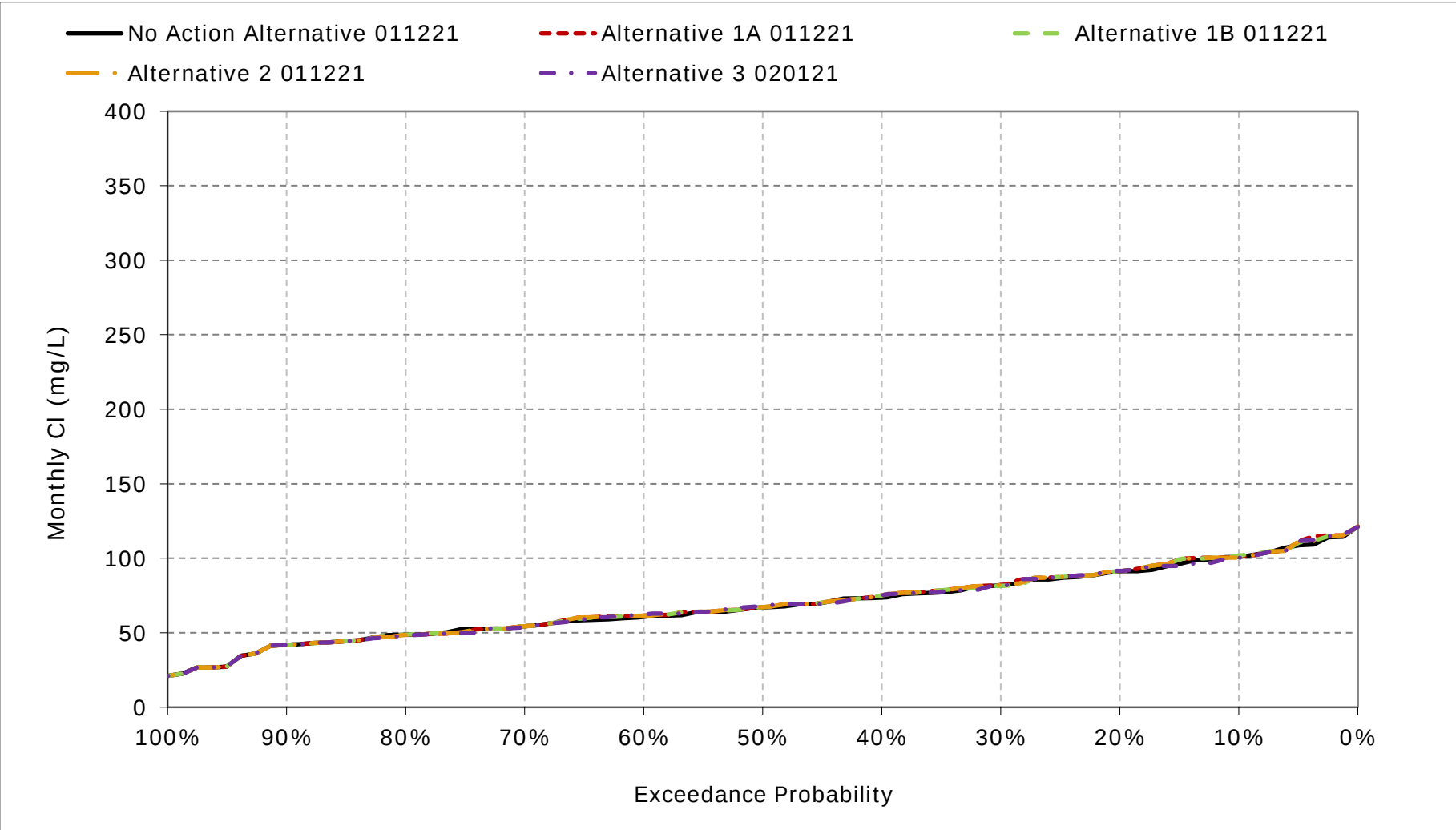
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-8. Banks Pumping Plant South Delta Exports Chloride, February CI**



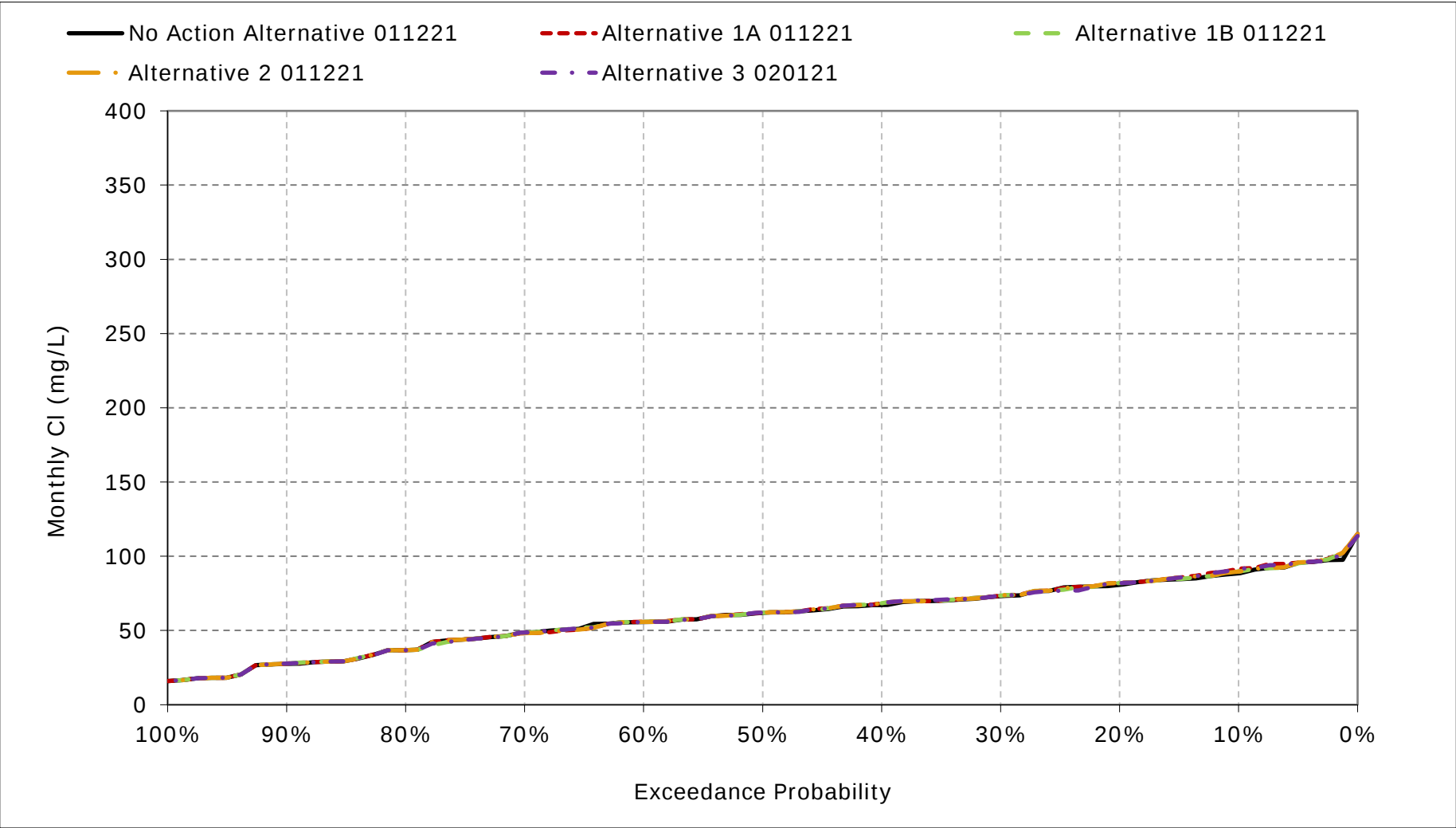
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-3-9. Banks Pumping Plant South Delta Exports Chloride, March CI



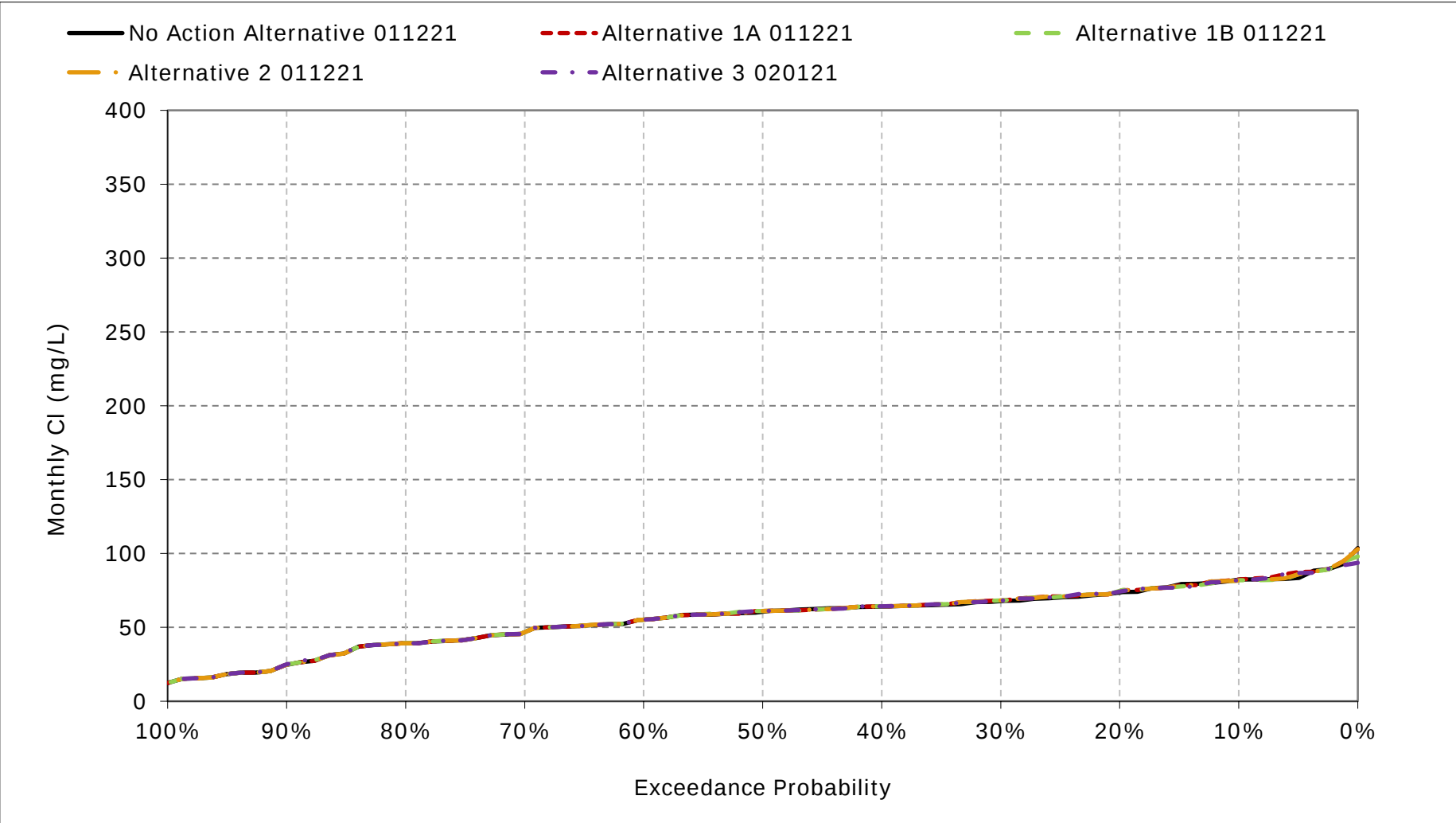
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-3-10. Banks Pumping Plant South Delta Exports Chloride, April CI



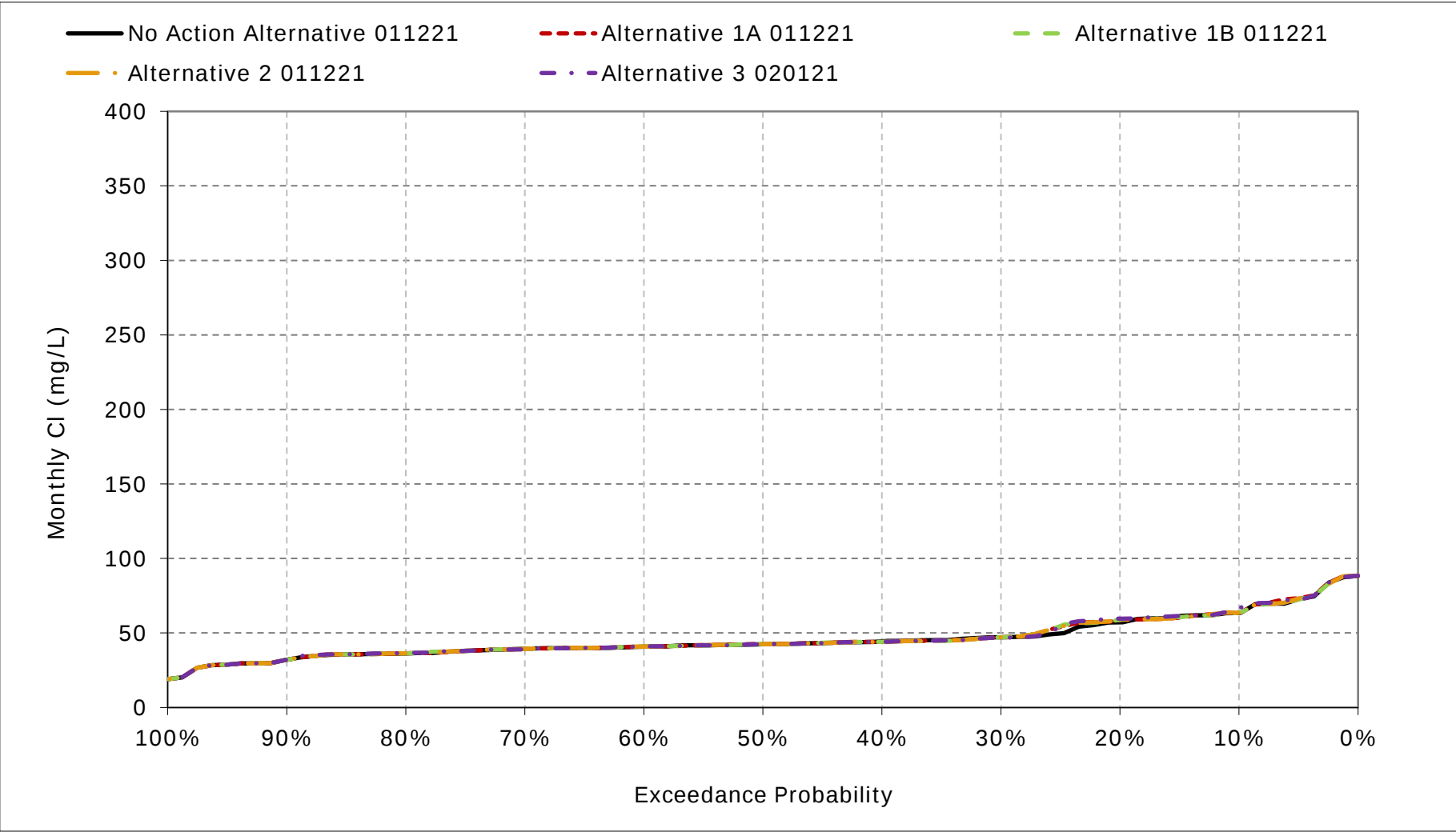
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-3-11. Banks Pumping Plant South Delta Exports Chloride, May CI



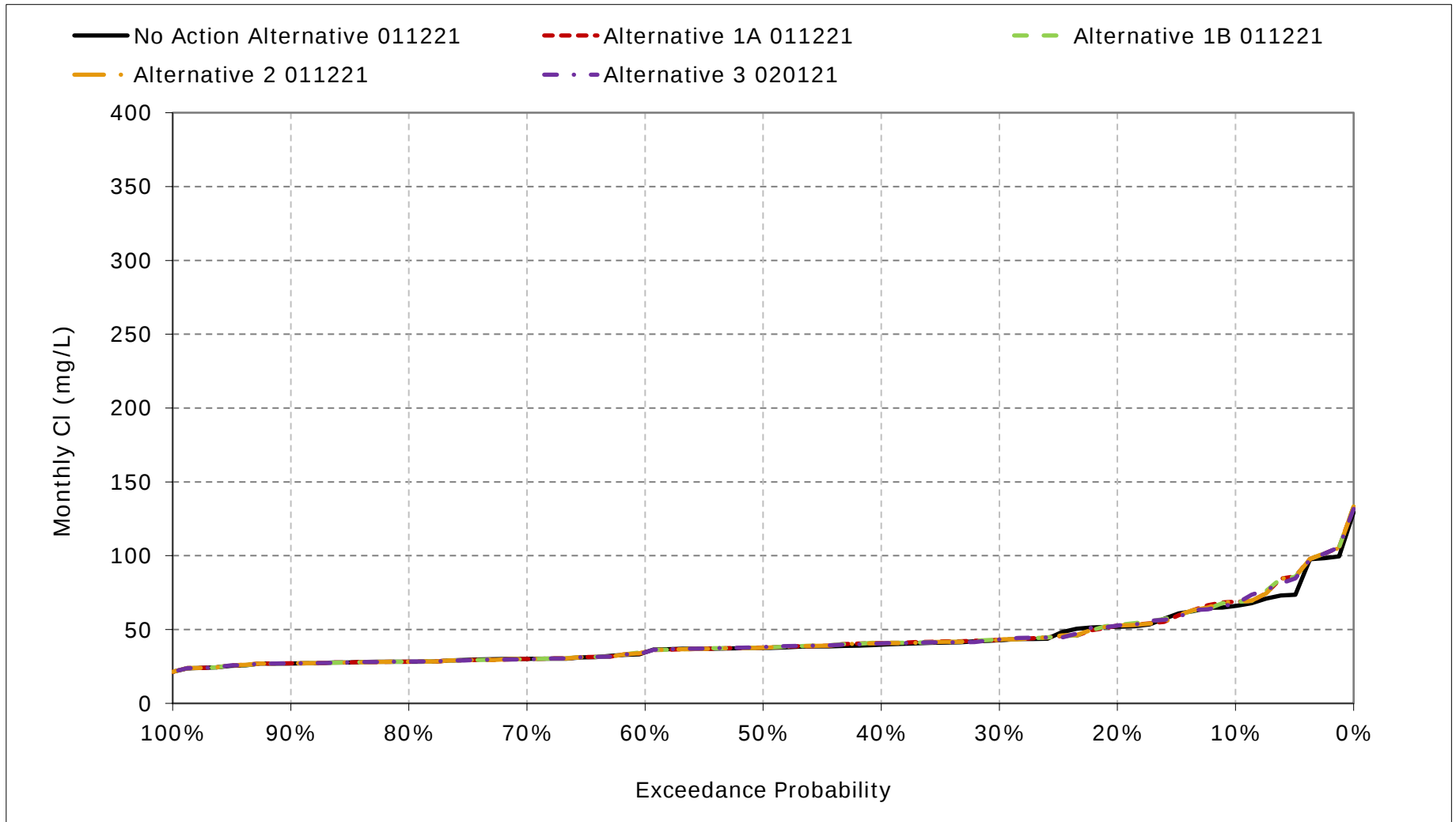
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-3-12. Banks Pumping Plant South Delta Exports Chloride, June CI



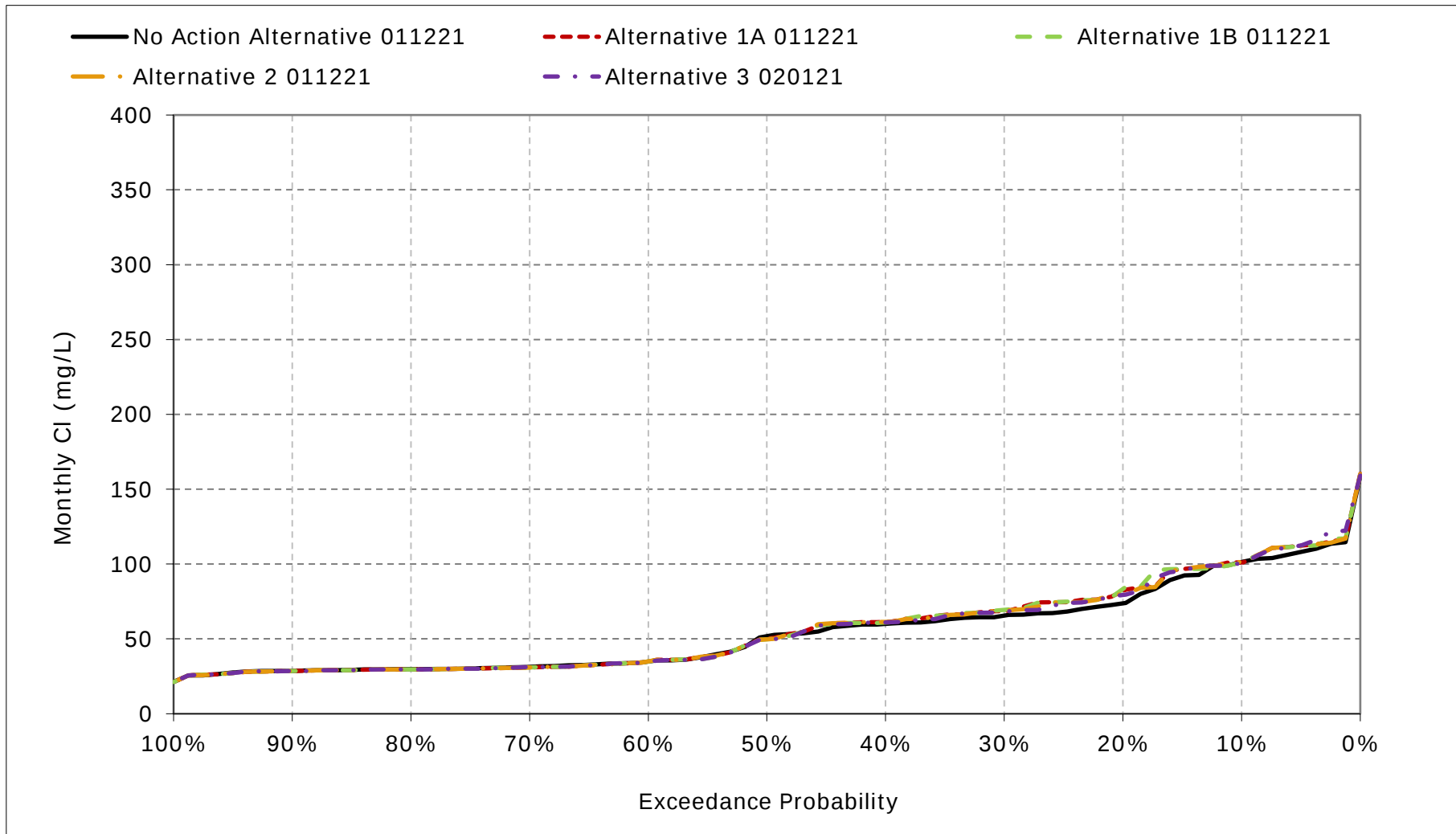
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-13. Banks Pumping Plant South Delta Exports Chloride, July CI**



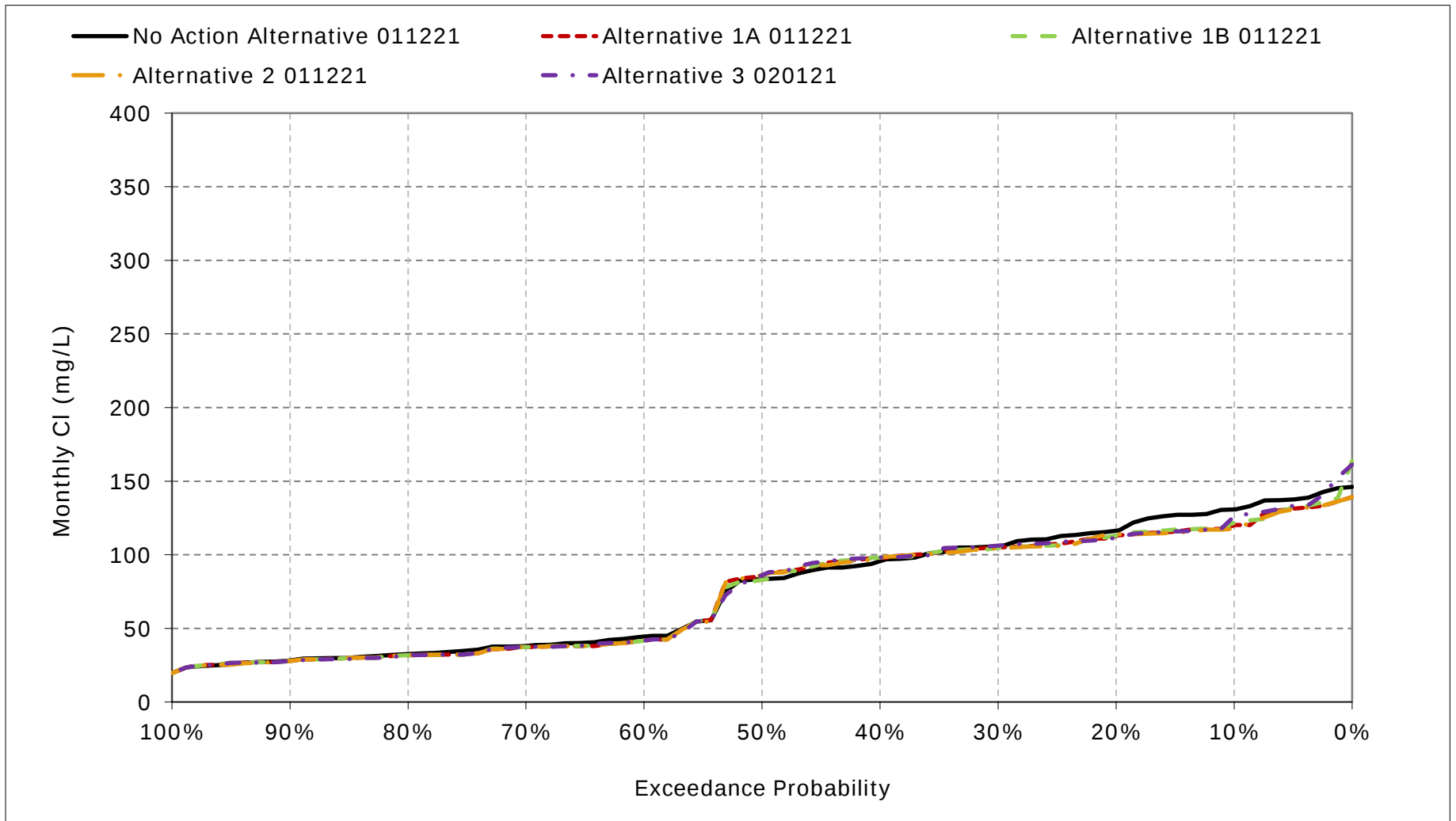
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-14. Banks Pumping Plant South Delta Exports Chloride, August CI**



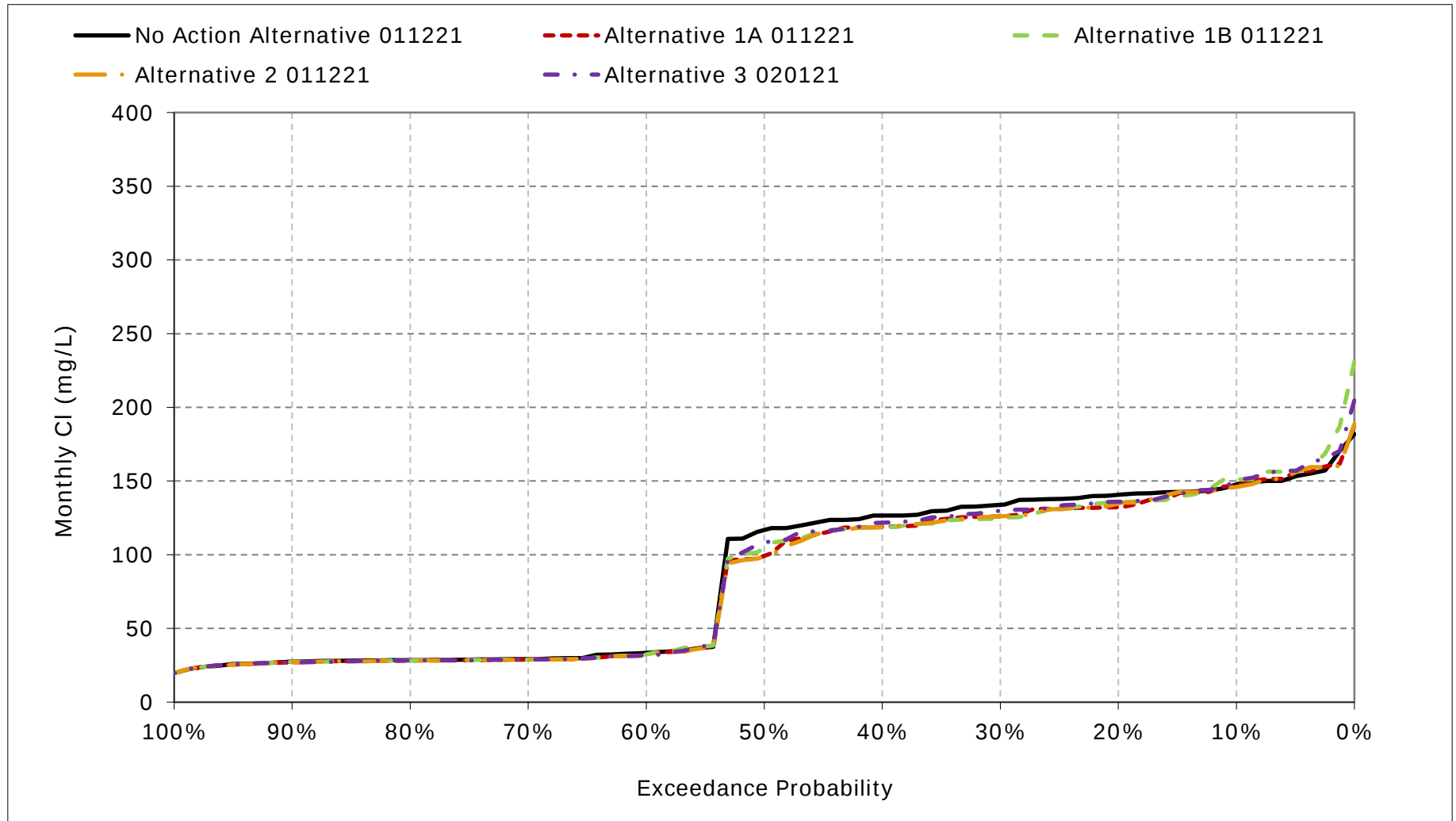
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-15. Banks Pumping Plant South Delta Exports Chloride, September CI**



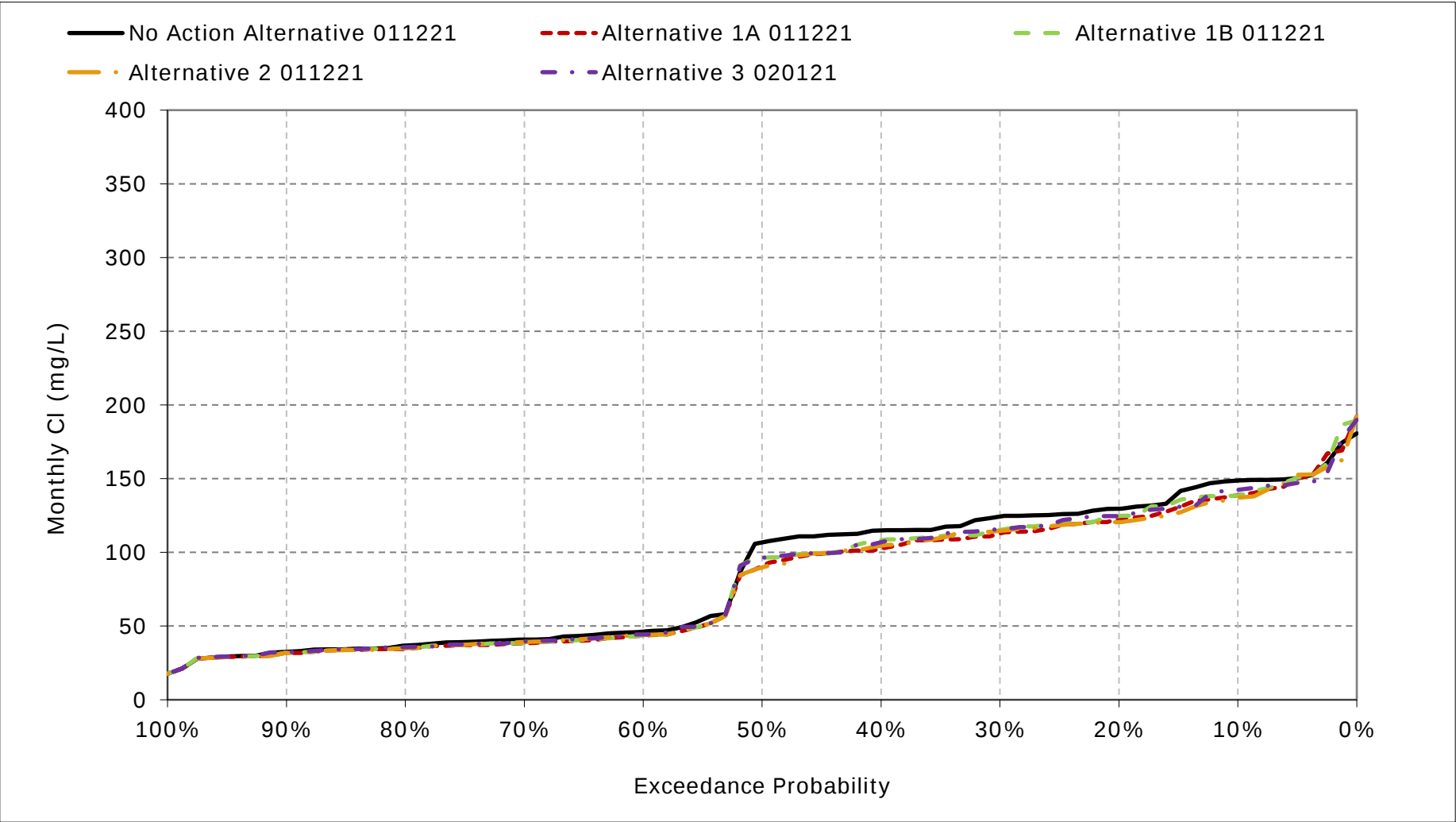
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-16. Banks Pumping Plant South Delta Exports Chloride, October CI**



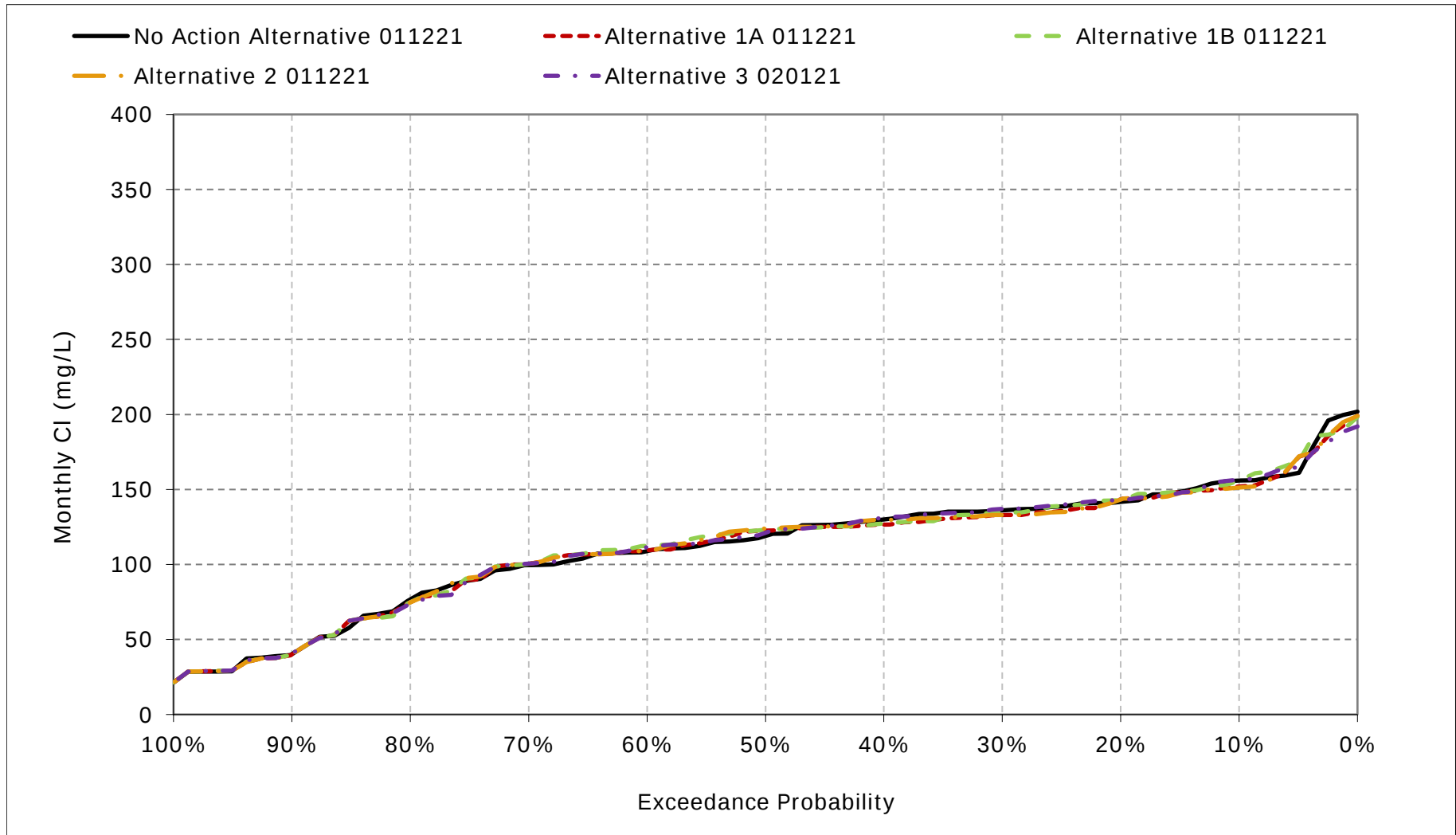
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-3-17. Banks Pumping Plant South Delta Exports Chloride, November CI



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-3-18. Banks Pumping Plant South Delta Exports Chloride, December CI**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-4-1a. Jones Pumping Plant South Delta Exports, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 140 | 146 | 176 | 193 | 165 | 141 | 120 | 91  | 61  | 70  | 106 | 131 |
| 20 %                                | 134 | 132 | 162 | 183 | 150 | 128 | 97  | 79  | 56  | 61  | 81  | 121 |
| 30 %                                | 126 | 123 | 156 | 173 | 133 | 112 | 83  | 72  | 53  | 57  | 73  | 111 |
| 40 %                                | 119 | 117 | 148 | 152 | 123 | 109 | 65  | 63  | 49  | 51  | 70  | 105 |
| 50 %                                | 111 | 112 | 141 | 134 | 114 | 97  | 53  | 54  | 47  | 47  | 64  | 95  |
| 60 %                                | 55  | 63  | 131 | 124 | 102 | 86  | 47  | 51  | 46  | 45  | 45  | 56  |
| 70 %                                | 51  | 57  | 114 | 108 | 87  | 59  | 40  | 48  | 43  | 39  | 41  | 51  |
| 80 %                                | 46  | 54  | 98  | 95  | 68  | 45  | 32  | 42  | 40  | 36  | 39  | 46  |
| 90 %                                | 41  | 48  | 78  | 80  | 46  | 38  | 23  | 21  | 36  | 31  | 35  | 39  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 91  | 94  | 132 | 137 | 109 | 91  | 63  | 59  | 49  | 51  | 63  | 83  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 43  | 53  | 103 | 96  | 69  | 53  | 32  | 36  | 43  | 42  | 38  | 42  |
| Above Normal (15 %)                 | 54  | 61  | 133 | 142 | 108 | 75  | 45  | 48  | 46  | 43  | 42  | 54  |
| Below Normal (17 %)                 | 127 | 116 | 130 | 144 | 103 | 91  | 60  | 57  | 46  | 45  | 72  | 122 |
| Dry (22 %)                          | 123 | 128 | 145 | 158 | 137 | 122 | 86  | 79  | 48  | 55  | 86  | 107 |
| Critical (15 %)                     | 143 | 138 | 176 | 182 | 159 | 139 | 121 | 91  | 70  | 81  | 96  | 122 |

Table 6B2-4-1b. Jones Pumping Plant South Delta Exports, Alternative 1A 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 139 | 138 | 175 | 194 | 164 | 142 | 118 | 92  | 61  | 75  | 105 | 125 |
| 20 %                                | 128 | 124 | 159 | 186 | 153 | 129 | 97  | 81  | 56  | 62  | 90  | 115 |
| 30 %                                | 120 | 118 | 156 | 173 | 133 | 113 | 85  | 73  | 51  | 57  | 77  | 109 |
| 40 %                                | 114 | 111 | 146 | 158 | 126 | 109 | 65  | 63  | 49  | 52  | 71  | 103 |
| 50 %                                | 102 | 101 | 142 | 144 | 117 | 97  | 53  | 54  | 47  | 47  | 62  | 93  |
| 60 %                                | 55  | 61  | 131 | 123 | 103 | 82  | 47  | 51  | 46  | 45  | 45  | 54  |
| 70 %                                | 49  | 56  | 118 | 108 | 87  | 59  | 40  | 48  | 43  | 41  | 41  | 50  |
| 80 %                                | 45  | 53  | 99  | 96  | 68  | 45  | 32  | 42  | 40  | 36  | 38  | 45  |
| 90 %                                | 41  | 46  | 78  | 80  | 46  | 38  | 23  | 21  | 36  | 32  | 35  | 38  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 88  | 90  | 132 | 138 | 110 | 91  | 63  | 59  | 49  | 52  | 64  | 81  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 43  | 51  | 104 | 96  | 69  | 53  | 32  | 36  | 43  | 42  | 37  | 42  |
| Above Normal (15 %)                 | 53  | 60  | 132 | 147 | 109 | 75  | 45  | 48  | 46  | 43  | 41  | 53  |
| Below Normal (17 %)                 | 118 | 115 | 131 | 145 | 104 | 92  | 60  | 57  | 47  | 45  | 69  | 111 |
| Dry (22 %)                          | 118 | 125 | 144 | 159 | 138 | 122 | 86  | 79  | 48  | 57  | 92  | 105 |
| Critical (15 %)                     | 140 | 122 | 173 | 182 | 161 | 142 | 121 | 92  | 70  | 83  | 99  | 125 |

Table 6B2-4-1c. Jones Pumping Plant South Delta Exports, Alternative 1A 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 0   | -9  | -1  | 0   | -1  | 0   | -2  | 1   | 0   | 5   | -1  | -7  |
| 20 %                                | -6  | -8  | -3  | 3   | 2   | 1   | 0   | 2   | 0   | 1   | 9   | -6  |
| 30 %                                | -6  | -5  | 0   | 0   | 0   | 1   | 2   | 1   | -1  | 0   | 4   | -2  |
| 40 %                                | -5  | -5  | -2  | 6   | 2   | 0   | 0   | 0   | 0   | 1   | 1   | -2  |
| 50 %                                | -8  | -10 | 1   | 9   | 3   | 0   | 0   | 0   | 0   | 0   | -2  | -2  |
| 60 %                                | -1  | -2  | 1   | -1  | 0   | -4  | 0   | 0   | 0   | 0   | 0   | -2  |
| 70 %                                | -2  | -2  | 4   | 1   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | -1  |
| 80 %                                | -1  | -1  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  |
| 90 %                                | 0   | -2  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | -1  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -3  | -4  | 0   | 1   | 1   | 1   | 0   | 0   | 0   | 1   | 1   | -2  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | -2  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Above Normal (15 %)                 | -1  | -1  | 0   | 6   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Below Normal (17 %)                 | -10 | -2  | 1   | 1   | 1   | 0   | 0   | 0   | 0   | 0   | -3  | -12 |
| Dry (22 %)                          | -4  | -3  | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 2   | 6   | -2  |
| Critical (15 %)                     | -2  | -16 | -4  | 0   | 1   | 3   | 0   | 1   | 1   | 2   | 3   | 3   |

a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-4-2a. Jones Pumping Plant South Delta Exports, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 140 | 146 | 176 | 193 | 165 | 141 | 120 | 91  | 61  | 70  | 106 | 131 |
| 20 %                                | 134 | 132 | 162 | 183 | 150 | 128 | 97  | 79  | 56  | 61  | 81  | 121 |
| 30 %                                | 126 | 123 | 156 | 173 | 133 | 112 | 83  | 72  | 53  | 57  | 73  | 111 |
| 40 %                                | 119 | 117 | 148 | 152 | 123 | 109 | 65  | 63  | 49  | 51  | 70  | 105 |
| 50 %                                | 111 | 112 | 141 | 134 | 114 | 97  | 53  | 54  | 47  | 47  | 64  | 95  |
| 60 %                                | 55  | 63  | 131 | 124 | 102 | 86  | 47  | 51  | 46  | 45  | 45  | 56  |
| 70 %                                | 51  | 57  | 114 | 108 | 87  | 59  | 40  | 48  | 43  | 39  | 41  | 51  |
| 80 %                                | 46  | 54  | 98  | 95  | 68  | 45  | 32  | 42  | 40  | 36  | 39  | 46  |
| 90 %                                | 41  | 48  | 78  | 80  | 46  | 38  | 23  | 21  | 36  | 31  | 35  | 39  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 91  | 94  | 132 | 137 | 109 | 91  | 63  | 59  | 49  | 51  | 63  | 83  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 43  | 53  | 103 | 96  | 69  | 53  | 32  | 36  | 43  | 42  | 38  | 42  |
| Above Normal (15 %)                 | 54  | 61  | 133 | 142 | 108 | 75  | 45  | 48  | 46  | 43  | 42  | 54  |
| Below Normal (17 %)                 | 127 | 116 | 130 | 144 | 103 | 91  | 60  | 57  | 46  | 45  | 72  | 122 |
| Dry (22 %)                          | 123 | 128 | 145 | 158 | 137 | 122 | 86  | 79  | 48  | 55  | 86  | 107 |
| Critical (15 %)                     | 143 | 138 | 176 | 182 | 159 | 139 | 121 | 91  | 70  | 81  | 96  | 122 |

Table 6B2-4-2b. Jones Pumping Plant South Delta Exports, Alternative 1B 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 142 | 136 | 175 | 194 | 164 | 142 | 120 | 92  | 61  | 75  | 106 | 124 |
| 20 %                                | 128 | 126 | 162 | 186 | 153 | 129 | 97  | 81  | 56  | 61  | 91  | 118 |
| 30 %                                | 121 | 121 | 156 | 174 | 133 | 113 | 85  | 72  | 51  | 57  | 78  | 109 |
| 40 %                                | 114 | 111 | 146 | 158 | 126 | 109 | 65  | 63  | 49  | 51  | 70  | 102 |
| 50 %                                | 104 | 102 | 141 | 140 | 117 | 97  | 53  | 54  | 47  | 47  | 62  | 92  |
| 60 %                                | 55  | 61  | 131 | 123 | 103 | 84  | 47  | 51  | 46  | 46  | 45  | 54  |
| 70 %                                | 49  | 56  | 118 | 108 | 87  | 59  | 40  | 48  | 43  | 41  | 41  | 50  |
| 80 %                                | 45  | 53  | 99  | 96  | 68  | 45  | 32  | 42  | 40  | 36  | 38  | 45  |
| 90 %                                | 41  | 47  | 78  | 79  | 47  | 38  | 23  | 21  | 36  | 32  | 35  | 38  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 89  | 91  | 132 | 138 | 110 | 91  | 63  | 59  | 49  | 52  | 64  | 81  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 43  | 51  | 104 | 96  | 69  | 53  | 32  | 36  | 43  | 42  | 37  | 42  |
| Above Normal (15 %)                 | 53  | 61  | 132 | 147 | 109 | 75  | 45  | 48  | 46  | 43  | 41  | 53  |
| Below Normal (17 %)                 | 117 | 114 | 130 | 145 | 104 | 92  | 60  | 57  | 47  | 45  | 69  | 110 |
| Dry (22 %)                          | 121 | 127 | 145 | 158 | 138 | 122 | 86  | 79  | 47  | 57  | 92  | 106 |
| Critical (15 %)                     | 145 | 124 | 173 | 183 | 161 | 140 | 120 | 92  | 70  | 83  | 99  | 126 |

Table 6B2-4-2c. Jones Pumping Plant South Delta Exports, Alternative 1B 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 3   | -10 | -1  | 1   | 0   | 1   | 0   | 1   | 0   | 5   | -1  | -7  |
| 20 %                                | -6  | -7  | 0   | 3   | 2   | 0   | 0   | 2   | 0   | 0   | 10  | -3  |
| 30 %                                | -5  | -2  | 0   | 0   | 0   | 1   | 2   | 0   | -2  | 0   | 4   | -2  |
| 40 %                                | -5  | -6  | -2  | 6   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | -3  |
| 50 %                                | -7  | -10 | 0   | 5   | 3   | 0   | 0   | 0   | 0   | 0   | -2  | -3  |
| 60 %                                | 0   | -2  | 1   | -1  | 0   | -1  | 0   | 0   | 0   | 1   | 0   | -2  |
| 70 %                                | -3  | -2  | 4   | 1   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | -1  |
| 80 %                                | -1  | -1  | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  |
| 90 %                                | 0   | -1  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | -1  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -2  | -3  | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 1   | 1   | -2  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | -1  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Above Normal (15 %)                 | -1  | 0   | 0   | 6   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Below Normal (17 %)                 | -10 | -2  | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 0   | -3  | -12 |
| Dry (22 %)                          | -2  | -1  | 1   | 0   | 0   | 0   | 0   | 0   | -1  | 2   | 7   | -1  |
| Critical (15 %)                     | 2   | -13 | -3  | 1   | 1   | 1   | -1  | 1   | 0   | 2   | 3   | 4   |

a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-4-3a. Jones Pumping Plant South Delta Exports, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 140 | 146 | 176 | 193 | 165 | 141 | 120 | 91  | 61  | 70  | 106 | 131 |
| 20 %                                | 134 | 132 | 162 | 183 | 150 | 128 | 97  | 79  | 56  | 61  | 81  | 121 |
| 30 %                                | 126 | 123 | 156 | 173 | 133 | 112 | 83  | 72  | 53  | 57  | 73  | 111 |
| 40 %                                | 119 | 117 | 148 | 152 | 123 | 109 | 65  | 63  | 49  | 51  | 70  | 105 |
| 50 %                                | 111 | 112 | 141 | 134 | 114 | 97  | 53  | 54  | 47  | 47  | 64  | 95  |
| 60 %                                | 55  | 63  | 131 | 124 | 102 | 86  | 47  | 51  | 46  | 45  | 45  | 56  |
| 70 %                                | 51  | 57  | 114 | 108 | 87  | 59  | 40  | 48  | 43  | 39  | 41  | 51  |
| 80 %                                | 46  | 54  | 98  | 95  | 68  | 45  | 32  | 42  | 40  | 36  | 39  | 46  |
| 90 %                                | 41  | 48  | 78  | 80  | 46  | 38  | 23  | 21  | 36  | 31  | 35  | 39  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 91  | 94  | 132 | 137 | 109 | 91  | 63  | 59  | 49  | 51  | 63  | 83  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 43  | 53  | 103 | 96  | 69  | 53  | 32  | 36  | 43  | 42  | 38  | 42  |
| Above Normal (15 %)                 | 54  | 61  | 133 | 142 | 108 | 75  | 45  | 48  | 46  | 43  | 42  | 54  |
| Below Normal (17 %)                 | 127 | 116 | 130 | 144 | 103 | 91  | 60  | 57  | 46  | 45  | 72  | 122 |
| Dry (22 %)                          | 123 | 128 | 145 | 158 | 137 | 122 | 86  | 79  | 48  | 55  | 86  | 107 |
| Critical (15 %)                     | 143 | 138 | 176 | 182 | 159 | 139 | 121 | 91  | 70  | 81  | 96  | 122 |

Table 6B2-4-3b. Jones Pumping Plant South Delta Exports, Alternative 2 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 138 | 137 | 172 | 193 | 164 | 142 | 118 | 92  | 61  | 75  | 105 | 124 |
| 20 %                                | 129 | 124 | 160 | 187 | 153 | 129 | 97  | 81  | 56  | 62  | 90  | 116 |
| 30 %                                | 121 | 117 | 156 | 174 | 133 | 113 | 85  | 73  | 51  | 57  | 77  | 109 |
| 40 %                                | 114 | 112 | 148 | 157 | 126 | 109 | 65  | 63  | 49  | 52  | 71  | 102 |
| 50 %                                | 101 | 101 | 142 | 145 | 117 | 97  | 53  | 54  | 47  | 47  | 62  | 92  |
| 60 %                                | 55  | 61  | 131 | 123 | 103 | 82  | 47  | 51  | 46  | 45  | 45  | 54  |
| 70 %                                | 49  | 56  | 118 | 108 | 87  | 59  | 40  | 48  | 43  | 41  | 41  | 50  |
| 80 %                                | 45  | 53  | 98  | 96  | 68  | 45  | 32  | 42  | 40  | 36  | 38  | 45  |
| 90 %                                | 41  | 46  | 78  | 80  | 47  | 38  | 23  | 21  | 36  | 32  | 35  | 38  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 88  | 90  | 132 | 139 | 110 | 91  | 63  | 59  | 49  | 52  | 64  | 81  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 43  | 51  | 104 | 96  | 69  | 53  | 32  | 36  | 43  | 42  | 37  | 41  |
| Above Normal (15 %)                 | 53  | 60  | 132 | 147 | 109 | 75  | 45  | 48  | 46  | 43  | 41  | 52  |
| Below Normal (17 %)                 | 117 | 114 | 131 | 146 | 104 | 92  | 60  | 57  | 47  | 45  | 69  | 110 |
| Dry (22 %)                          | 119 | 124 | 146 | 159 | 138 | 122 | 86  | 79  | 47  | 57  | 92  | 106 |
| Critical (15 %)                     | 140 | 123 | 173 | 183 | 161 | 141 | 120 | 92  | 70  | 83  | 98  | 124 |

Table 6B2-4-3c. Jones Pumping Plant South Delta Exports, Alternative 2 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | -2  | -9  | -4  | 0   | -1  | 1   | -2  | 1   | 0   | 5   | -1  | -7  |
| 20 %                                | -5  | -8  | -2  | 3   | 2   | 0   | 0   | 2   | 0   | 1   | 9   | -5  |
| 30 %                                | -5  | -6  | 0   | 0   | 0   | 1   | 2   | 1   | -1  | 0   | 4   | -2  |
| 40 %                                | -5  | -5  | -1  | 5   | 2   | 0   | 0   | 0   | 0   | 0   | 1   | -3  |
| 50 %                                | -10 | -11 | 1   | 11  | 3   | 0   | 0   | 0   | 0   | 0   | -2  | -2  |
| 60 %                                | -1  | -2  | 0   | -1  | 0   | -4  | 0   | 0   | 0   | 0   | 0   | -2  |
| 70 %                                | -2  | -1  | 4   | 1   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | -1  |
| 80 %                                | -1  | -1  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  |
| 90 %                                | 0   | -2  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | -1  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -3  | -4  | 0   | 1   | 1   | 0   | 0   | 0   | 0   | 1   | 1   | -3  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | -1  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Above Normal (15 %)                 | -1  | -1  | 0   | 6   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Below Normal (17 %)                 | -10 | -2  | 1   | 2   | 1   | 0   | 0   | 0   | 0   | 0   | -3  | -12 |
| Dry (22 %)                          | -4  | -4  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 6   | -2  |
| Critical (15 %)                     | -3  | -15 | -4  | 1   | 2   | 2   | -1  | 1   | 0   | 2   | 2   | 2   |

a Based on the 82-year simulation period.  
b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).  
c These results are displayed with calendar year - year type sorting.  
d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-4-4a. Jones Pumping Plant South Delta Exports, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 140 | 146 | 176 | 193 | 165 | 141 | 120 | 91  | 61  | 70  | 106 | 131 |
| 20 %                                | 134 | 132 | 162 | 183 | 150 | 128 | 97  | 79  | 56  | 61  | 81  | 121 |
| 30 %                                | 126 | 123 | 156 | 173 | 133 | 112 | 83  | 72  | 53  | 57  | 73  | 111 |
| 40 %                                | 119 | 117 | 148 | 152 | 123 | 109 | 65  | 63  | 49  | 51  | 70  | 105 |
| 50 %                                | 111 | 112 | 141 | 134 | 114 | 97  | 53  | 54  | 47  | 47  | 64  | 95  |
| 60 %                                | 55  | 63  | 131 | 124 | 102 | 86  | 47  | 51  | 46  | 45  | 45  | 56  |
| 70 %                                | 51  | 57  | 114 | 108 | 87  | 59  | 40  | 48  | 43  | 39  | 41  | 51  |
| 80 %                                | 46  | 54  | 98  | 95  | 68  | 45  | 32  | 42  | 40  | 36  | 39  | 46  |
| 90 %                                | 41  | 48  | 78  | 80  | 46  | 38  | 23  | 21  | 36  | 31  | 35  | 39  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 91  | 94  | 132 | 137 | 109 | 91  | 63  | 59  | 49  | 51  | 63  | 83  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 43  | 53  | 103 | 96  | 69  | 53  | 32  | 36  | 43  | 42  | 38  | 42  |
| Above Normal (15 %)                 | 54  | 61  | 133 | 142 | 108 | 75  | 45  | 48  | 46  | 43  | 42  | 54  |
| Below Normal (17 %)                 | 127 | 116 | 130 | 144 | 103 | 91  | 60  | 57  | 46  | 45  | 72  | 122 |
| Dry (22 %)                          | 123 | 128 | 145 | 158 | 137 | 122 | 86  | 79  | 48  | 55  | 86  | 107 |
| Critical (15 %)                     | 143 | 138 | 176 | 182 | 159 | 139 | 121 | 91  | 70  | 81  | 96  | 122 |

Table 6B2-4-4b. Jones Pumping Plant South Delta Exports, Alternative 3 020121, Monthly CI (mg /L)

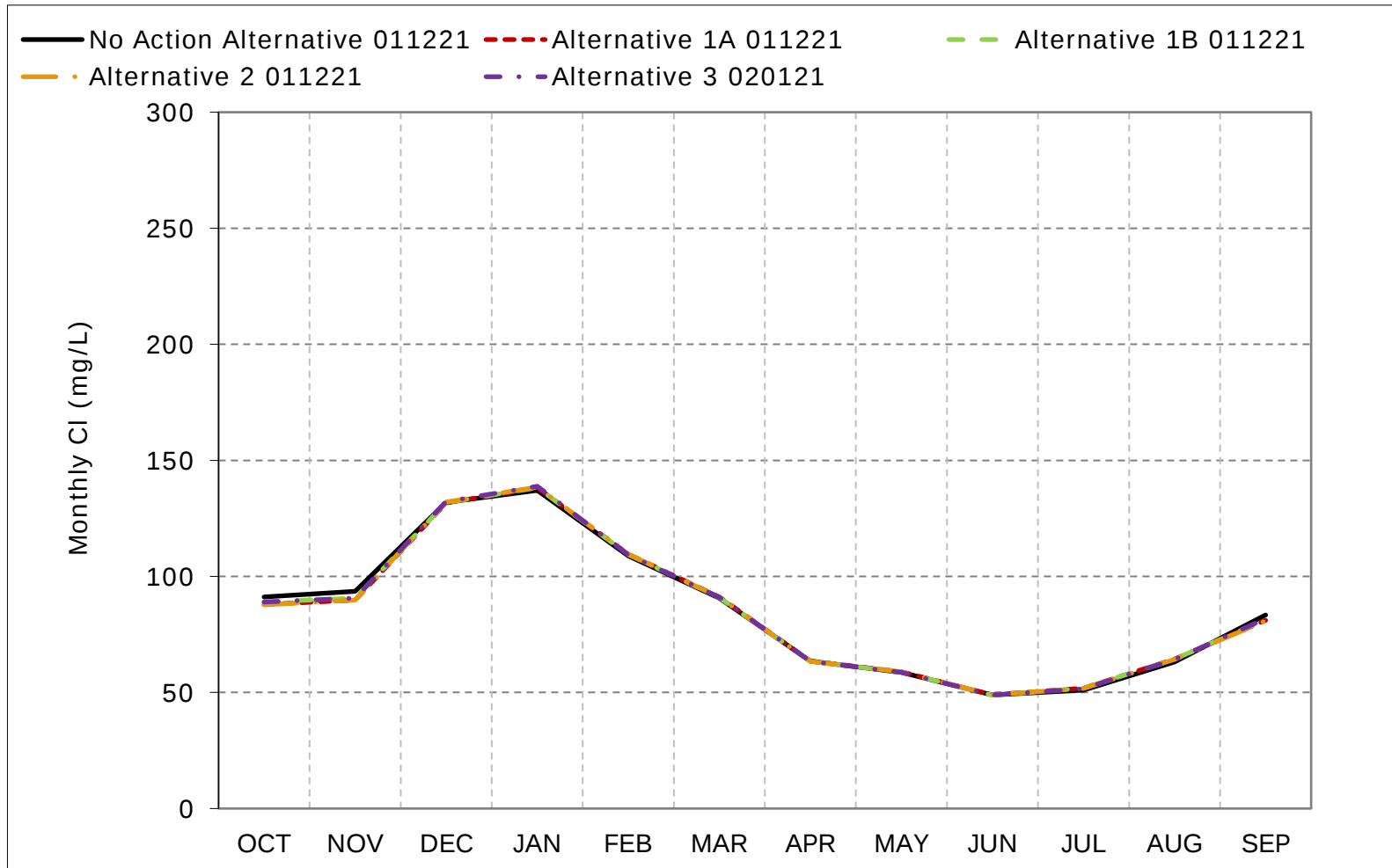
| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 139 | 141 | 176 | 194 | 164 | 142 | 119 | 92  | 61  | 75  | 108 | 125 |
| 20 %                                | 128 | 127 | 162 | 184 | 151 | 129 | 97  | 81  | 56  | 61  | 86  | 116 |
| 30 %                                | 121 | 118 | 158 | 176 | 134 | 112 | 85  | 72  | 51  | 57  | 79  | 111 |
| 40 %                                | 117 | 113 | 150 | 158 | 125 | 109 | 65  | 63  | 49  | 51  | 70  | 103 |
| 50 %                                | 104 | 102 | 141 | 144 | 116 | 97  | 53  | 54  | 47  | 47  | 61  | 93  |
| 60 %                                | 55  | 62  | 131 | 124 | 103 | 84  | 47  | 51  | 46  | 45  | 45  | 54  |
| 70 %                                | 48  | 56  | 118 | 109 | 87  | 59  | 40  | 48  | 43  | 42  | 41  | 50  |
| 80 %                                | 44  | 54  | 98  | 96  | 68  | 45  | 32  | 42  | 40  | 35  | 38  | 44  |
| 90 %                                | 41  | 48  | 78  | 80  | 48  | 38  | 23  | 21  | 36  | 32  | 35  | 38  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 89  | 91  | 132 | 139 | 109 | 91  | 63  | 59  | 49  | 52  | 64  | 82  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 43  | 51  | 104 | 96  | 69  | 53  | 32  | 36  | 43  | 42  | 37  | 42  |
| Above Normal (15 %)                 | 50  | 62  | 131 | 147 | 110 | 75  | 45  | 48  | 46  | 42  | 41  | 51  |
| Below Normal (17 %)                 | 118 | 117 | 129 | 149 | 104 | 92  | 60  | 57  | 47  | 45  | 69  | 111 |
| Dry (22 %)                          | 121 | 122 | 148 | 158 | 137 | 122 | 86  | 78  | 47  | 57  | 91  | 107 |
| Critical (15 %)                     | 145 | 127 | 173 | 182 | 160 | 141 | 120 | 92  | 70  | 82  | 100 | 128 |

Table 6B2-4-4c. Jones Pumping Plant South Delta Exports, Alternative 3 020121 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 0   | -5  | -1  | 1   | -1  | 1   | 0   | 0   | 0   | 5   | 2   | -6  |
| 20 %                                | -6  | -5  | 1   | 1   | 1   | 0   | 0   | 2   | 0   | 0   | 6   | -5  |
| 30 %                                | -5  | -5  | 2   | 2   | 1   | 0   | 2   | 0   | -2  | 0   | 5   | -1  |
| 40 %                                | -2  | -4  | 2   | 6   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | -2  |
| 50 %                                | -7  | -10 | 0   | 10  | 2   | 0   | 0   | 0   | 0   | 0   | -3  | -2  |
| 60 %                                | 0   | -1  | 1   | 0   | 0   | -1  | 0   | 0   | 0   | 0   | 0   | -2  |
| 70 %                                | -4  | -1  | 4   | 2   | 0   | 0   | 0   | 0   | 0   | 3   | 0   | -1  |
| 80 %                                | -2  | -1  | 0   | 1   | 0   | 0   | 0   | 0   | 0   | -1  | 0   | -2  |
| 90 %                                | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | -2  | -3  | 0   | 2   | 0   | 0   | 0   | 0   | 0   | 1   | 1   | -2  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | -1  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -1  |
| Above Normal (15 %)                 | -3  | 1   | -1  | 5   | 1   | 0   | 0   | 0   | 0   | -1  | 0   | -2  |
| Below Normal (17 %)                 | -9  | 1   | -1  | 5   | 1   | 1   | 0   | 0   | 0   | 0   | -3  | -11 |
| Dry (22 %)                          | -2  | -6  | 3   | 0   | 0   | 0   | 0   | -1  | -1  | 2   | 6   | 0   |
| Critical (15 %)                     | 3   | -11 | -3  | 0   | 0   | 2   | -1  | 1   | 1   | 1   | 4   | 6   |

a Based on the 82-year simulation period.  
b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).  
c These results are displayed with calendar year - year type sorting.  
d All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-1. Jones Pumping Plant South Delta Exports, Long-Term Average Cl**

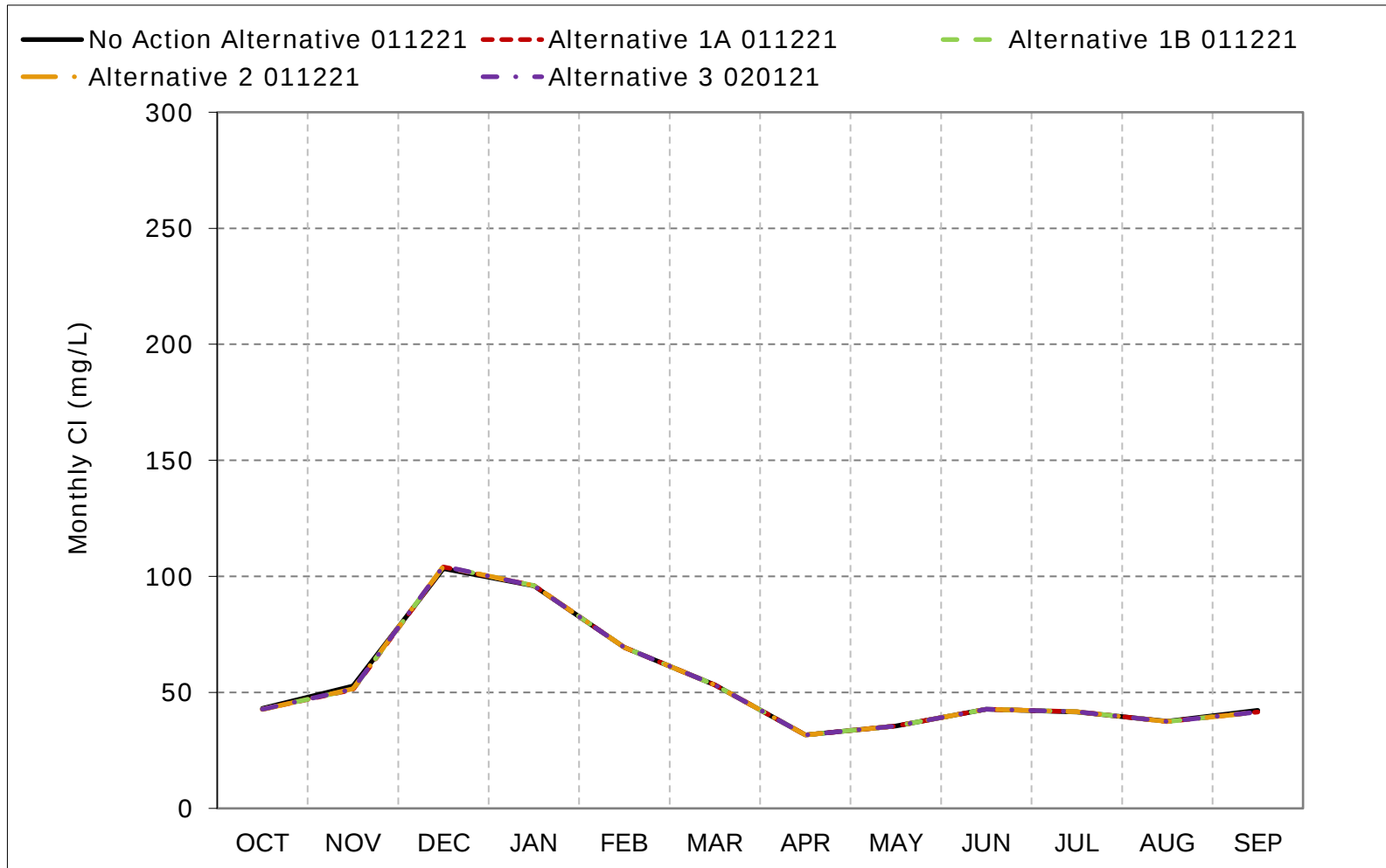


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-2. Jones Pumping Plant South Delta Exports, Wet Year Average Cl**

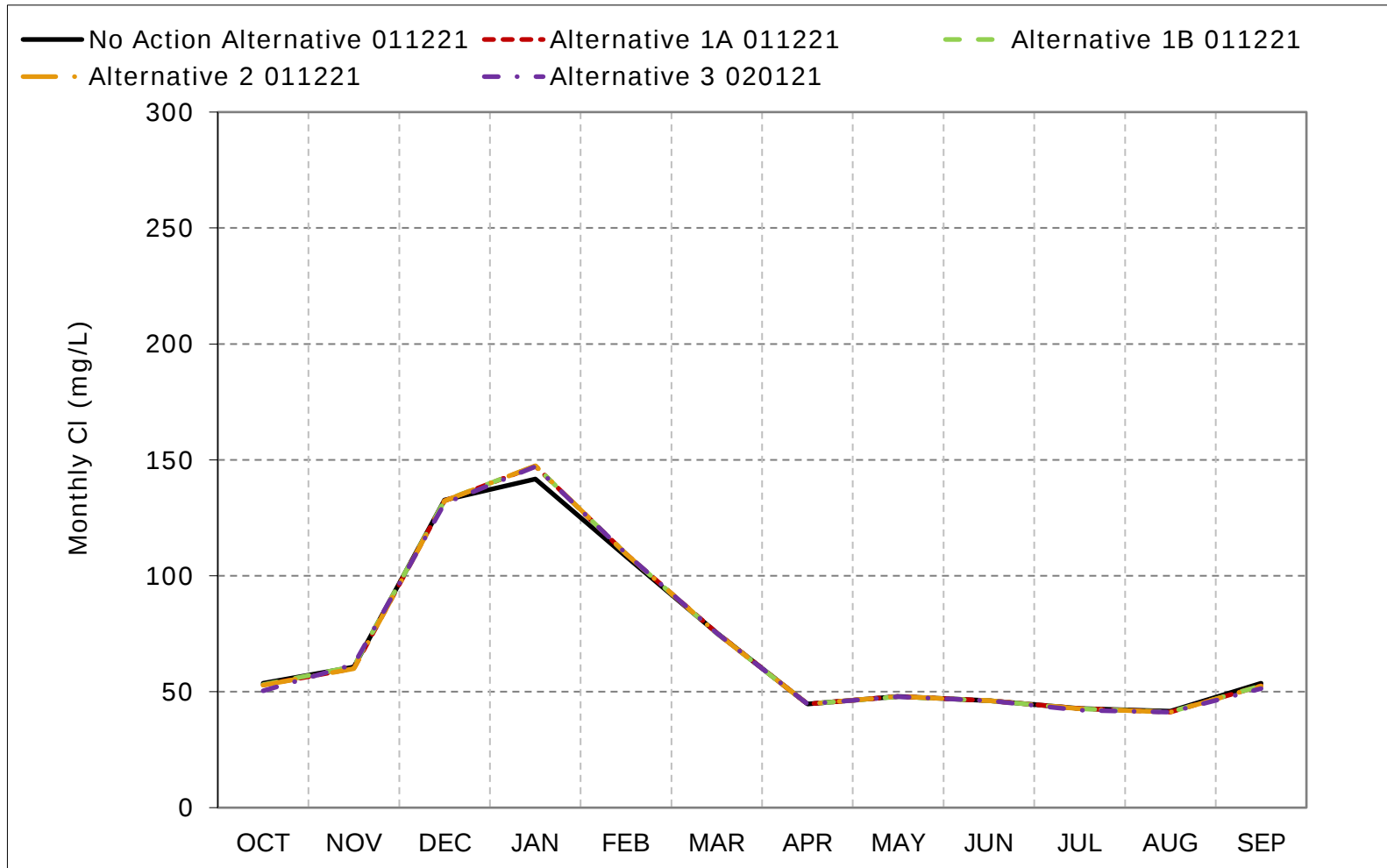


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-3. Jones Pumping Plant South Delta Exports, Above Normal Year Average Cl**

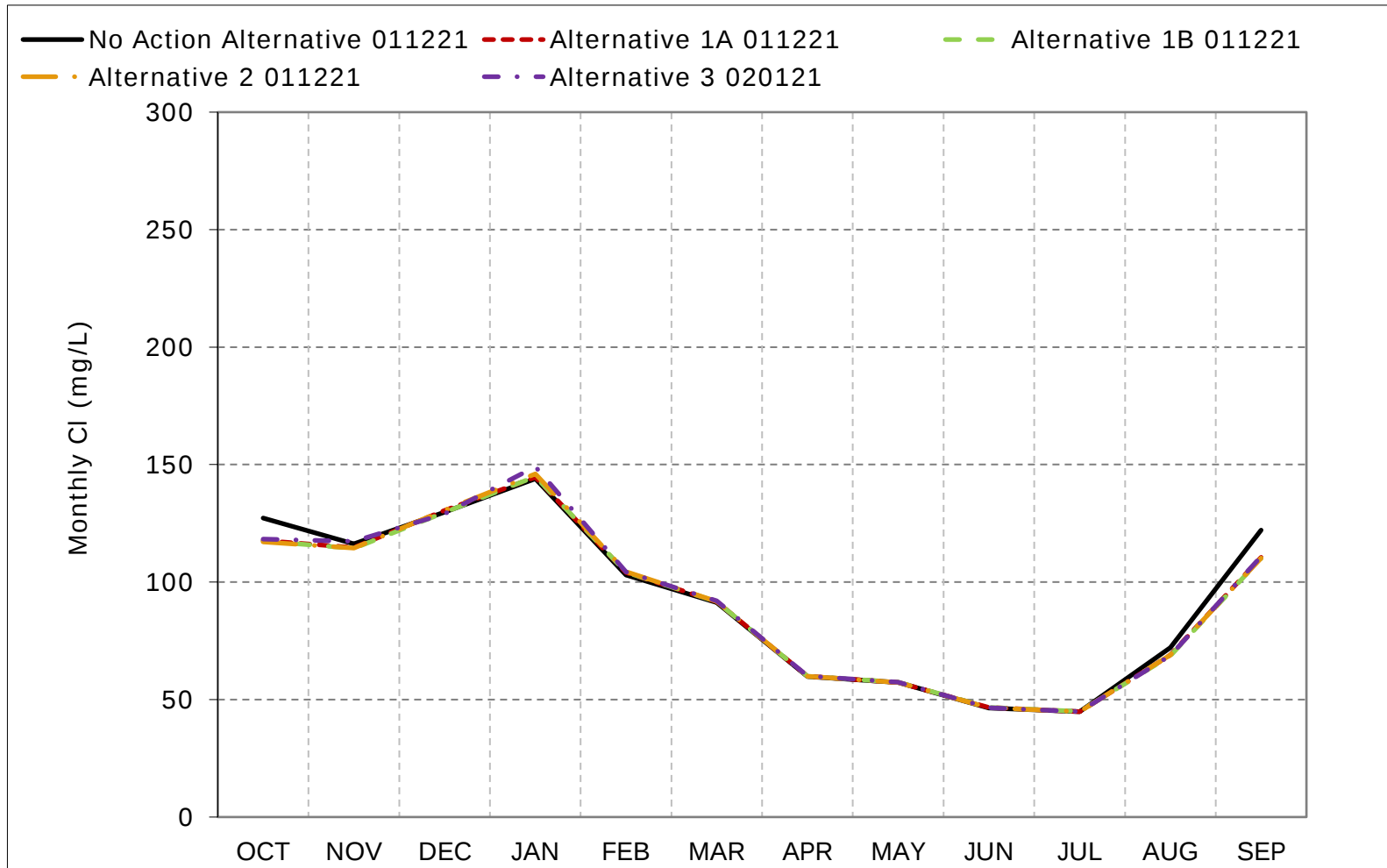


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-4. Jones Pumping Plant South Delta Exports, Below Normal Year Average CI**

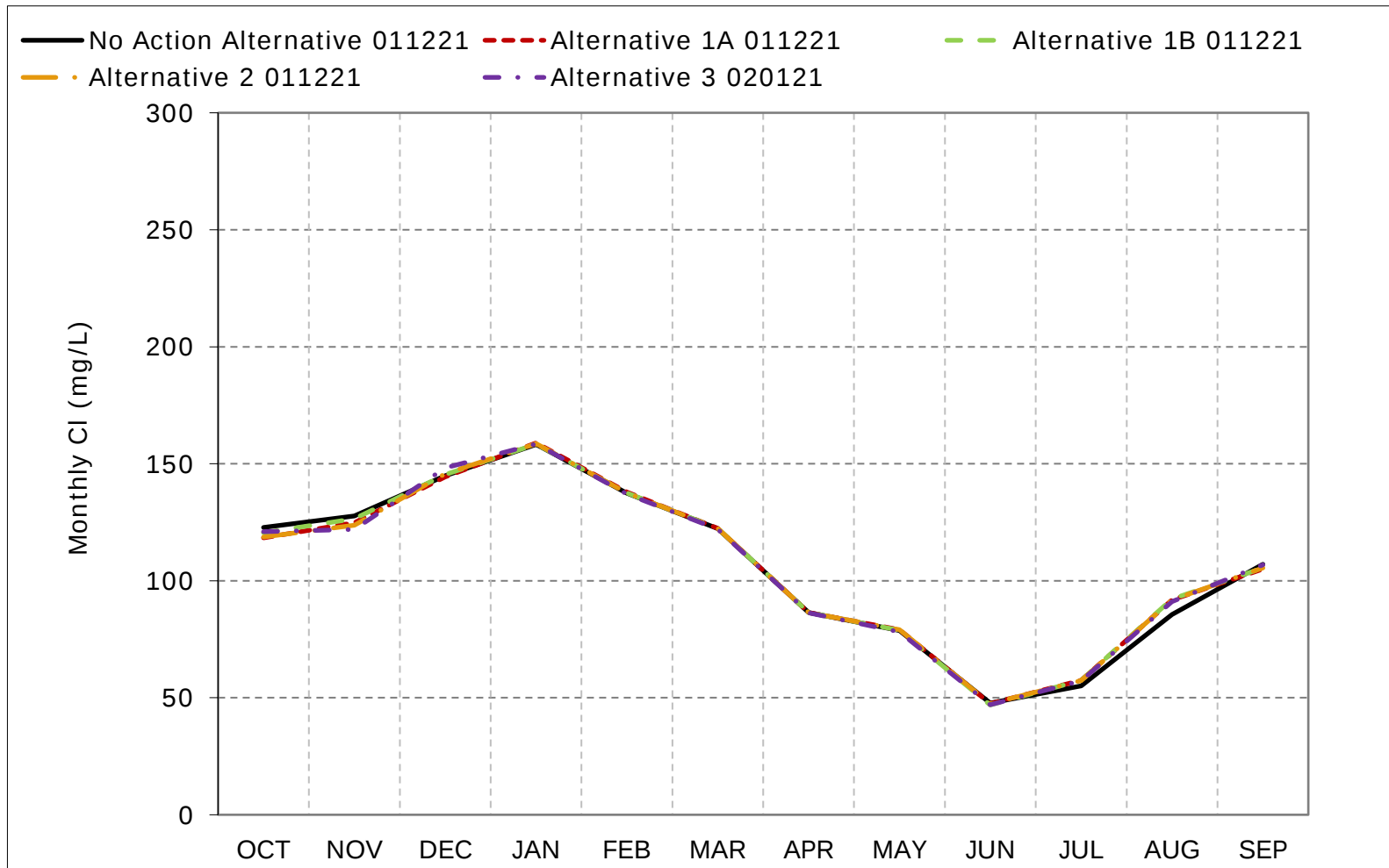


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-5. Jones Pumping Plant South Delta Exports, Dry Year Average Cl**

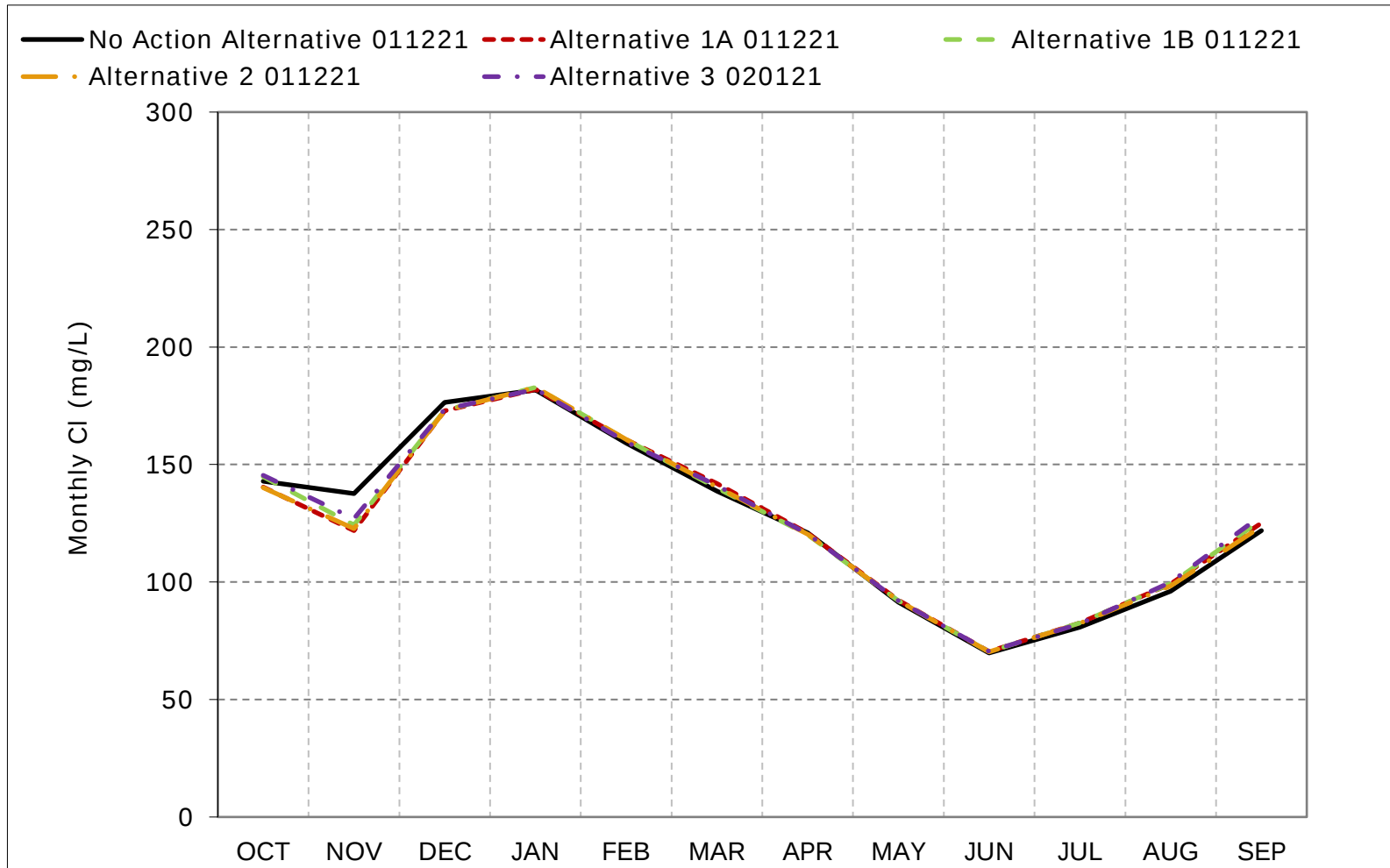


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-6. Jones Pumping Plant South Delta Exports, Critical Year Average Cl**

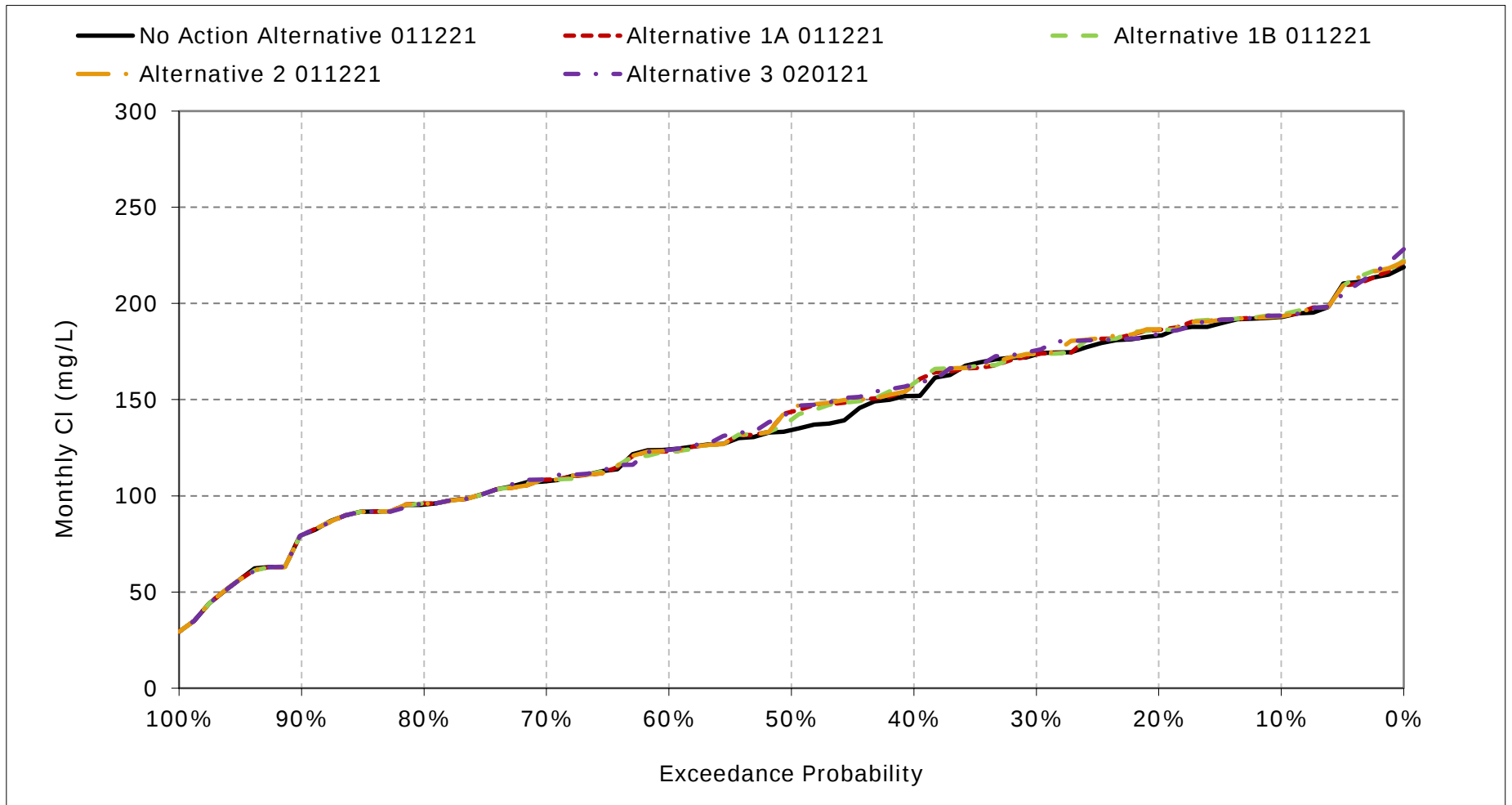


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

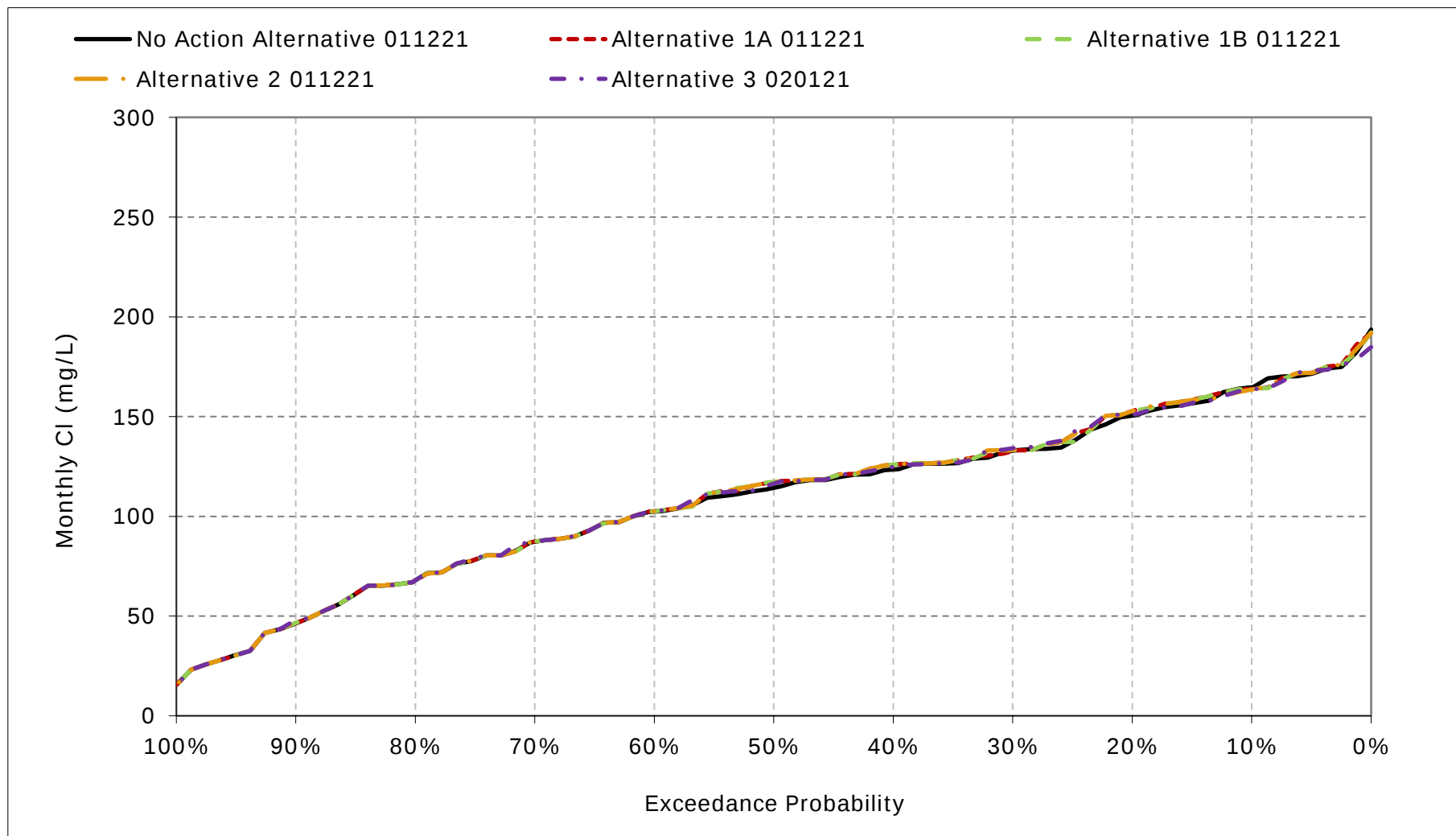
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-7. Jones Pumping Plant South Delta Exports Chloride, January CI**



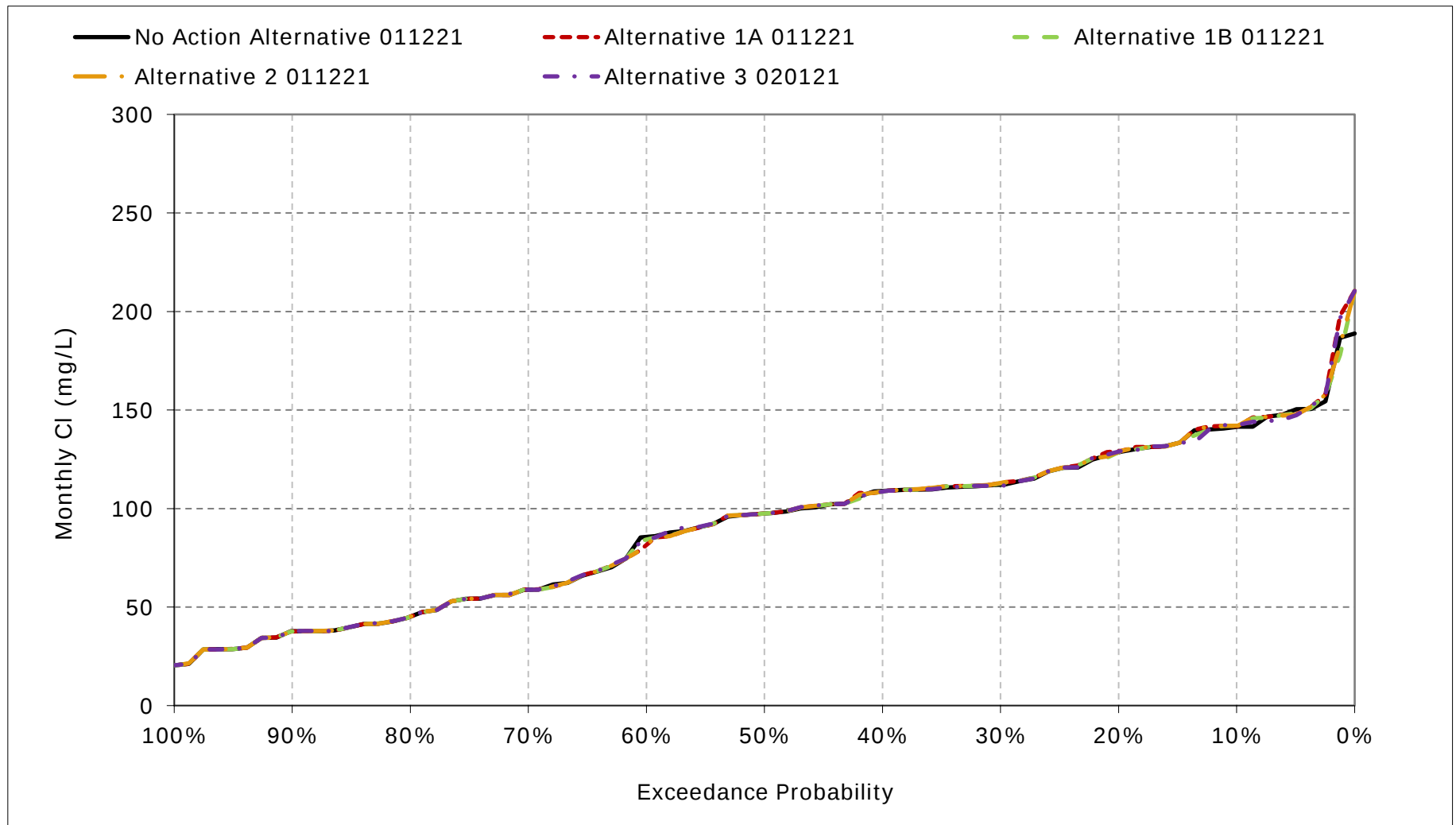
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-8. Jones Pumping Plant South Delta Exports Chloride, February CI**



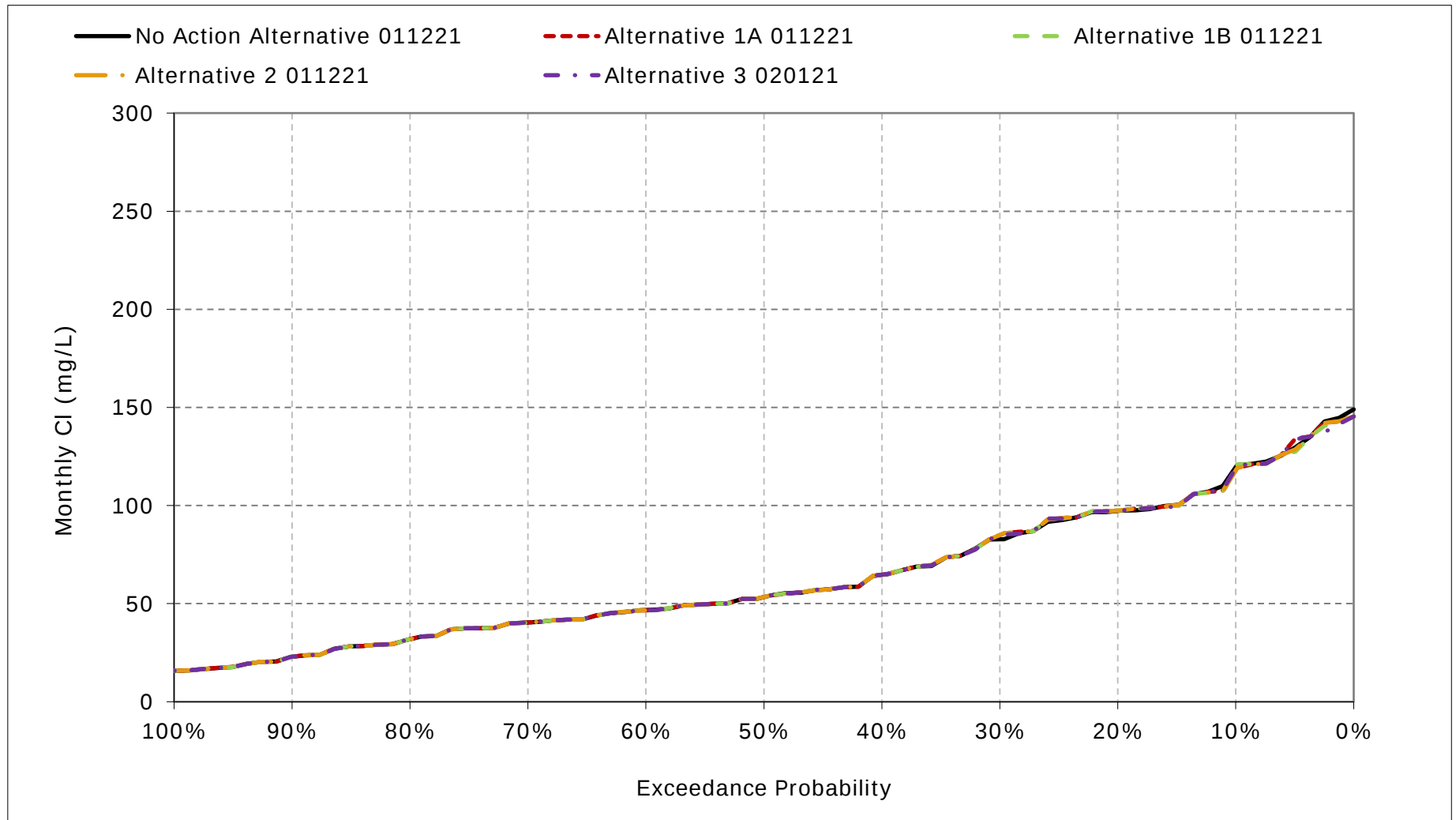
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-9. Jones Pumping Plant South Delta Exports Chloride, March CI**



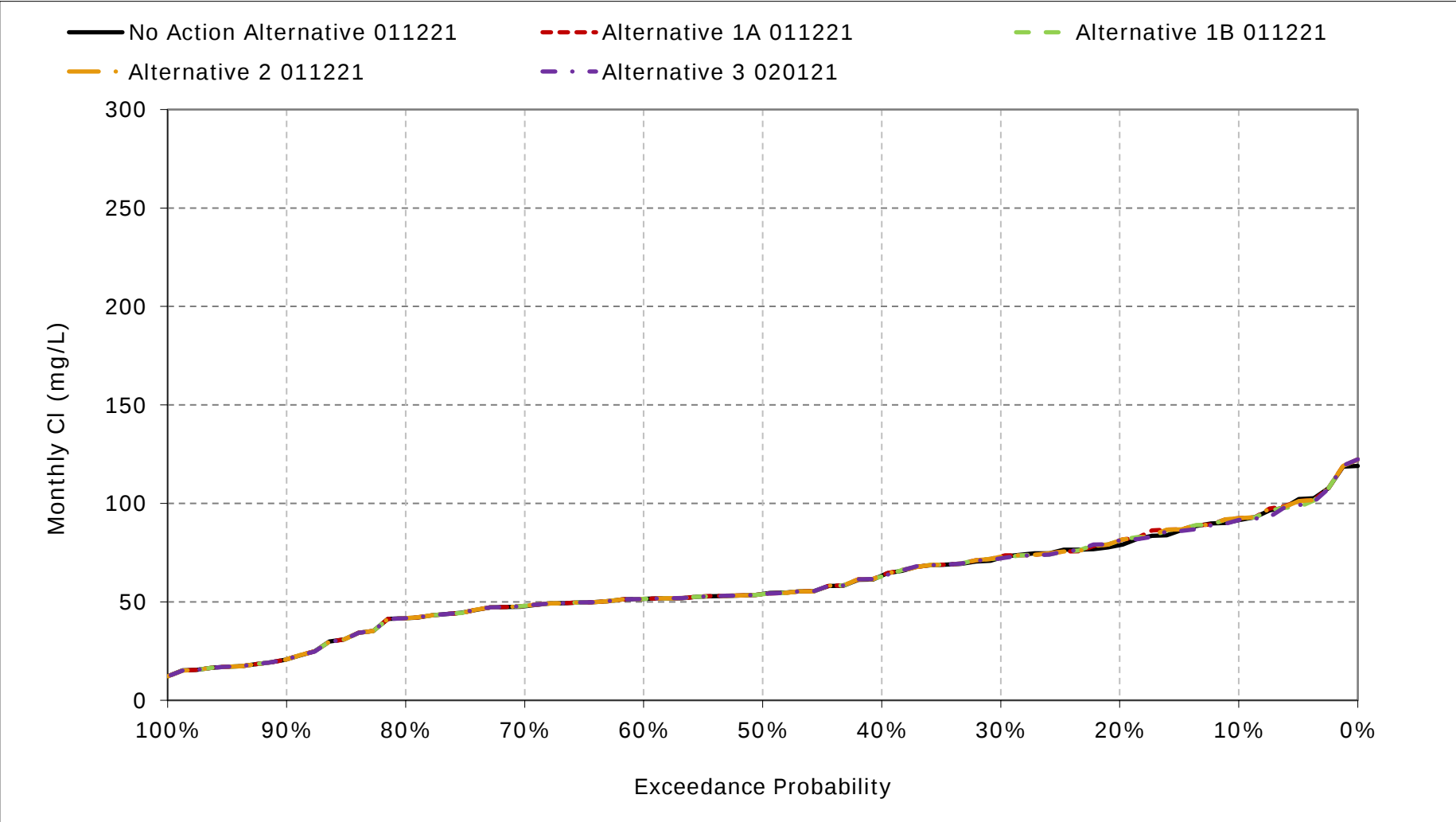
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-10. Jones Pumping Plant South Delta Exports Chloride, April CI**



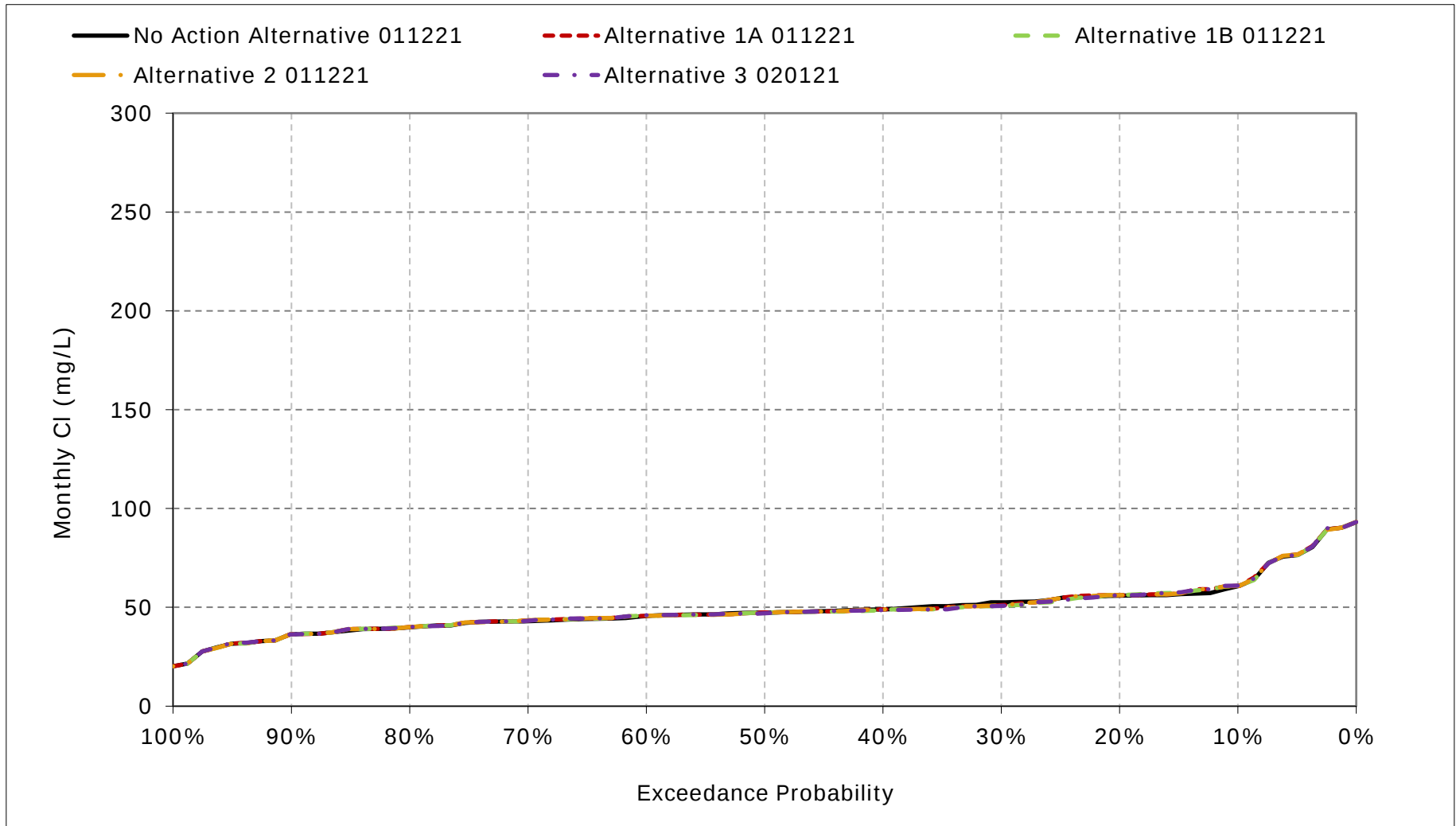
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-11. Jones Pumping Plant South Delta Exports Chloride, May CI**



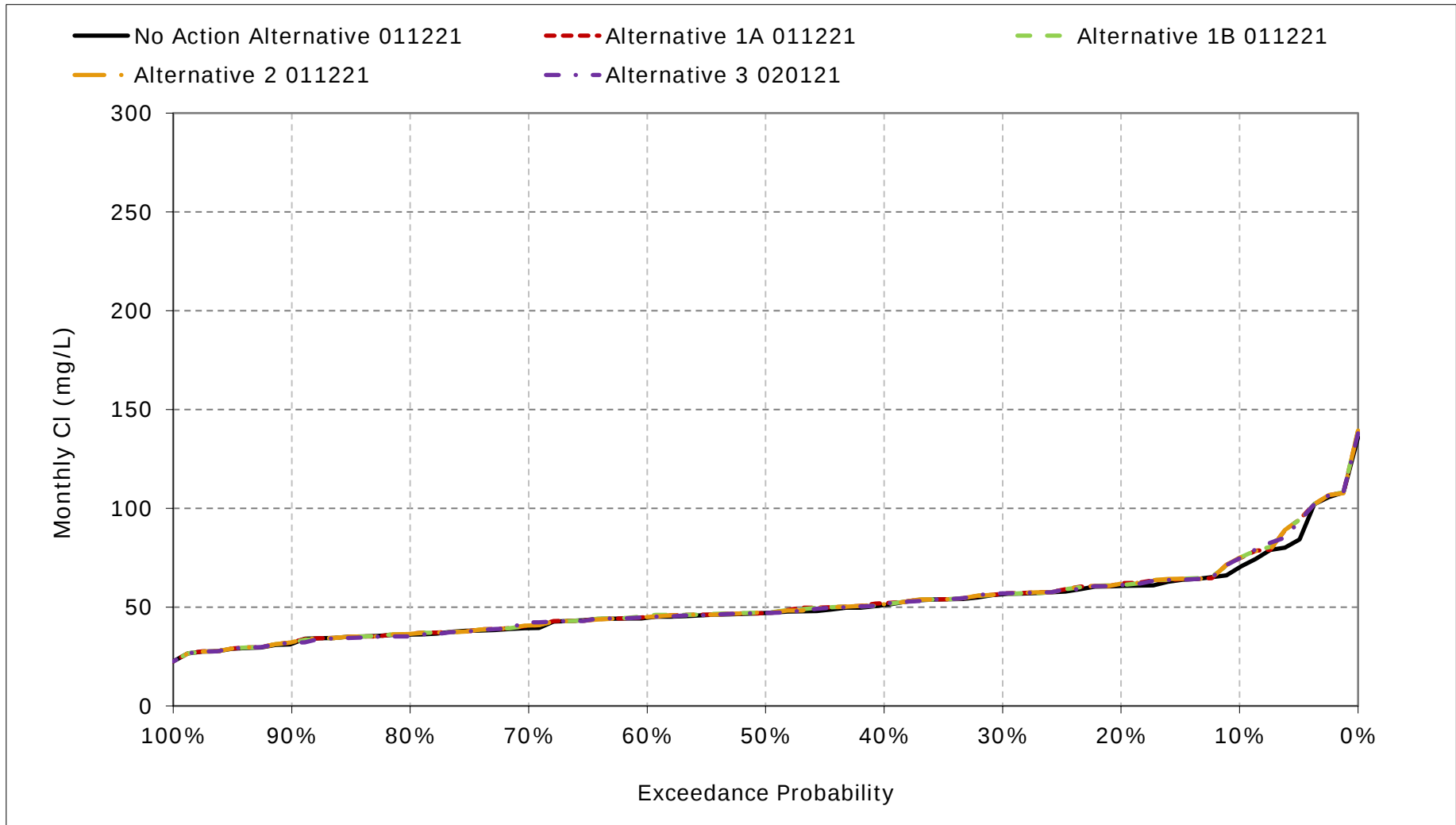
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-12. Jones Pumping Plant South Delta Exports Chloride, June Cl**



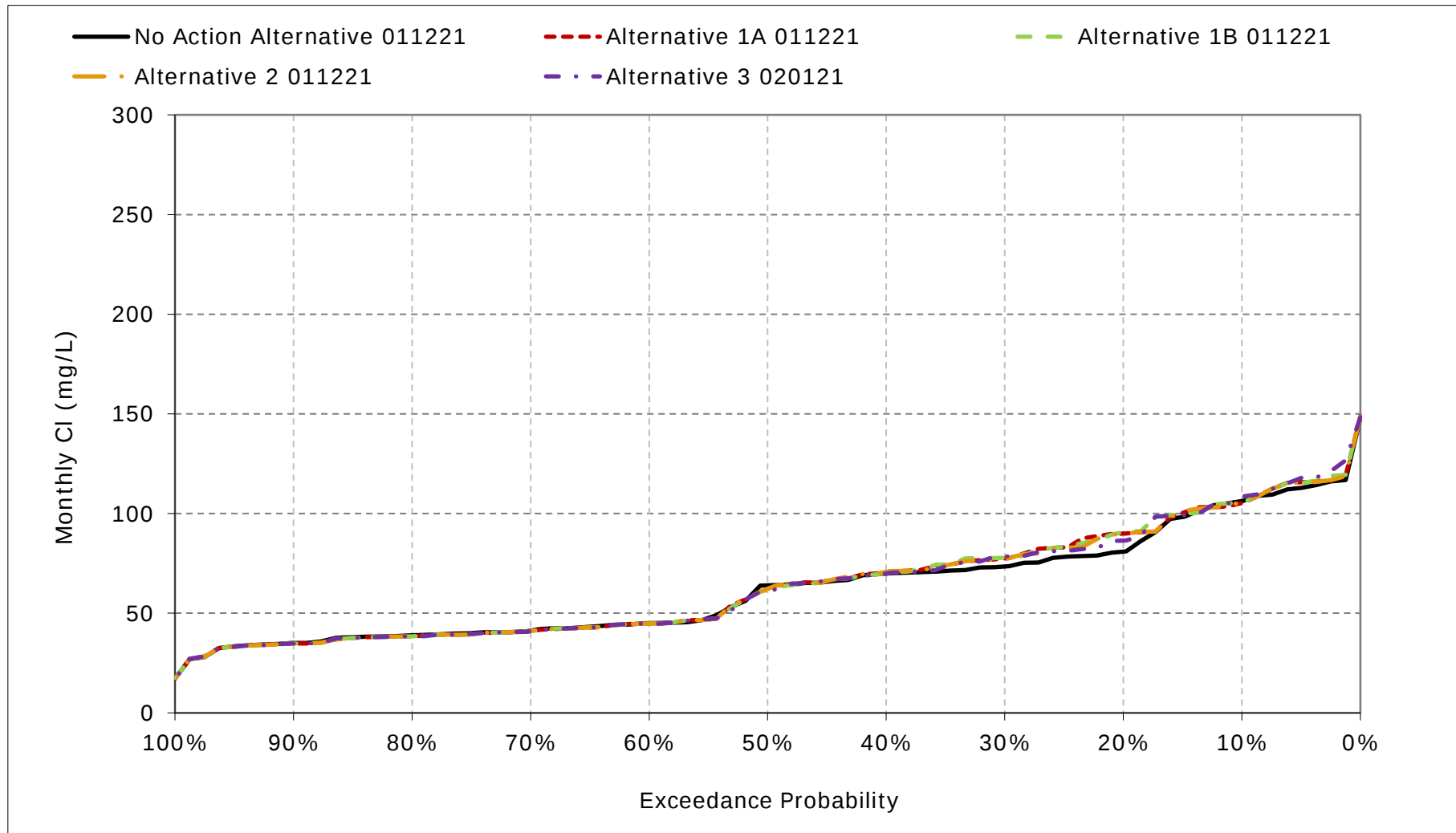
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-13. Jones Pumping Plant South Delta Exports Chloride, July CI**



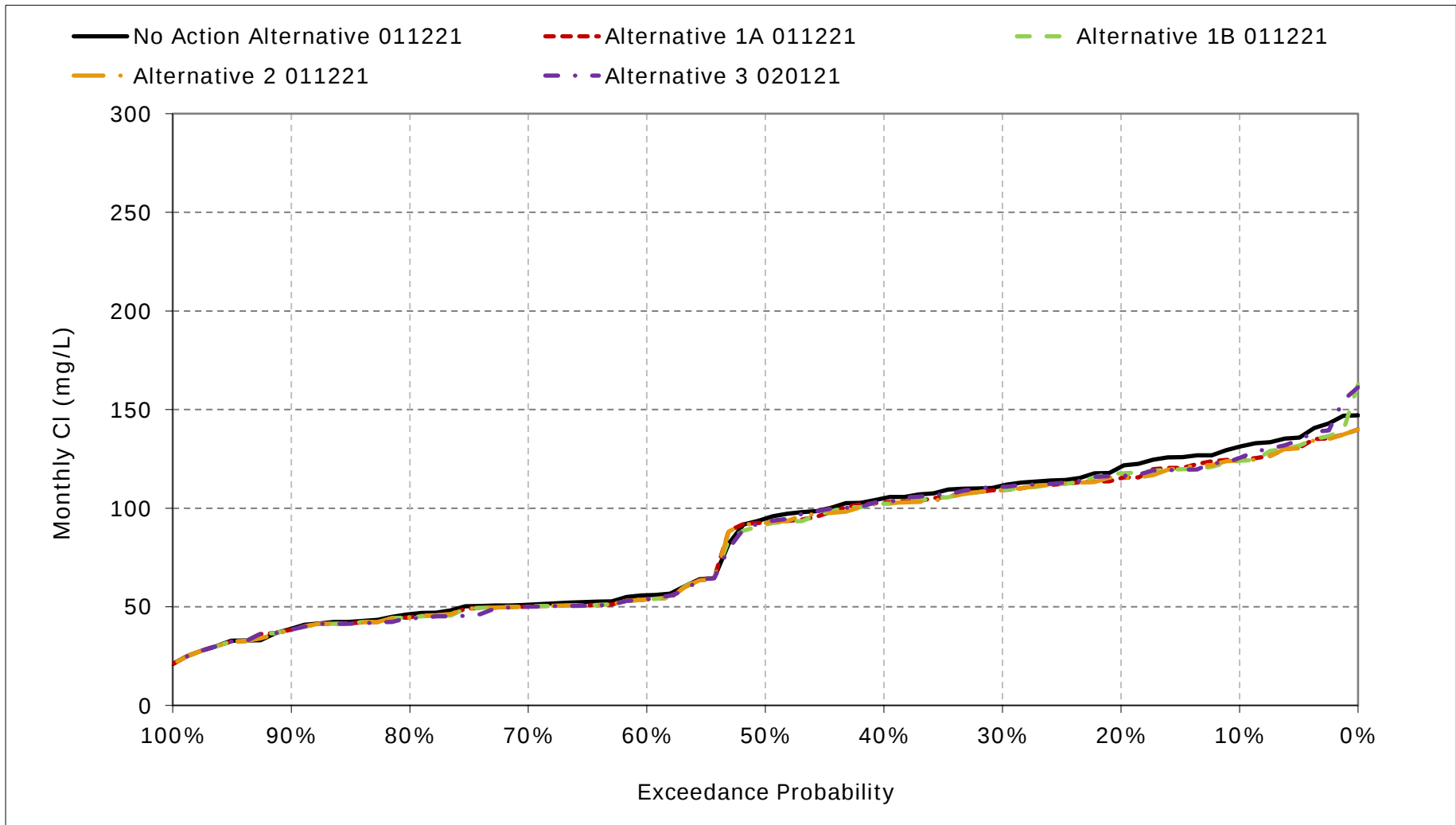
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-14. Jones Pumping Plant South Delta Exports Chloride, August Cl**



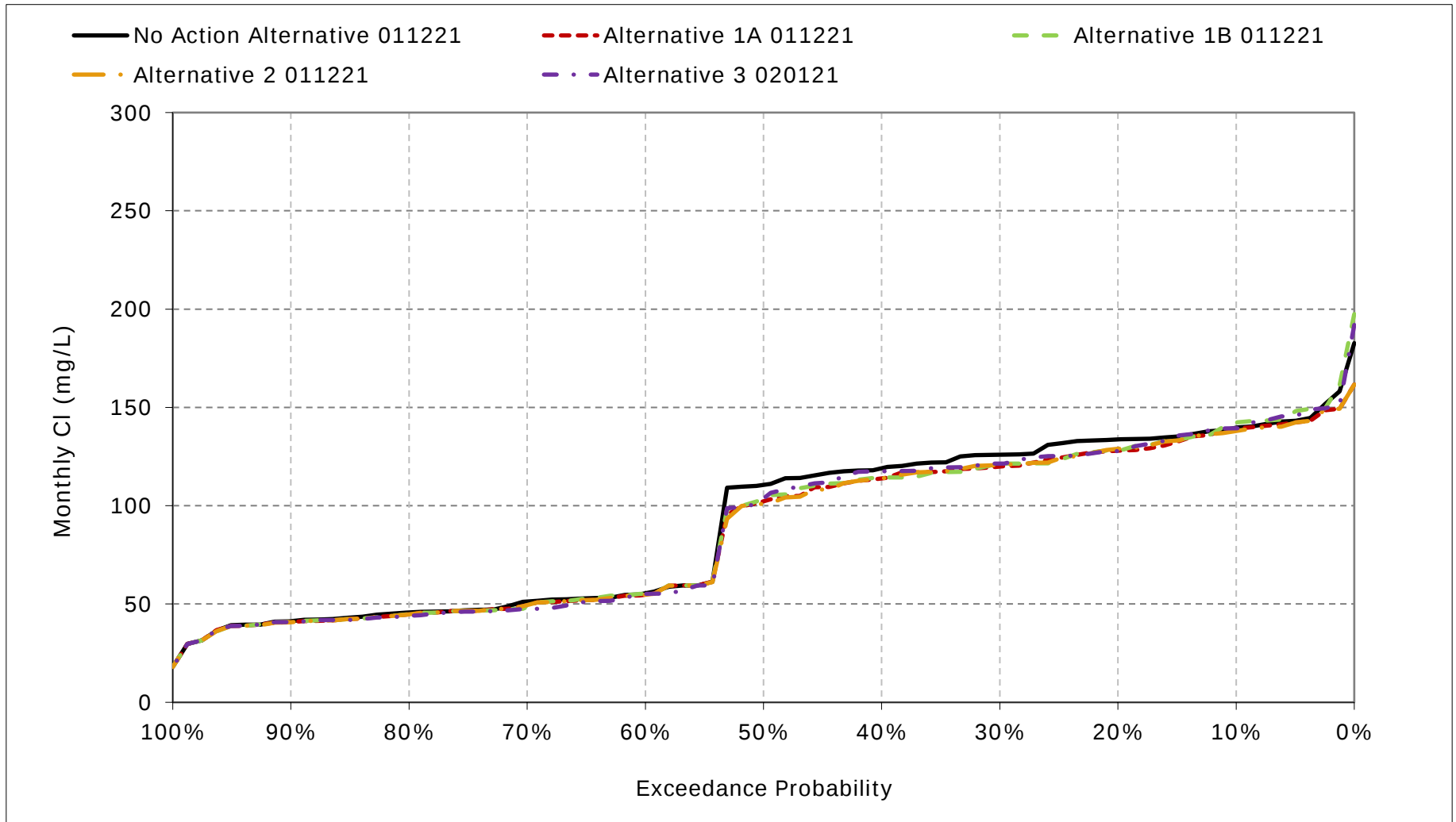
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-15. Jones Pumping Plant South Delta Exports Chloride, September CI**



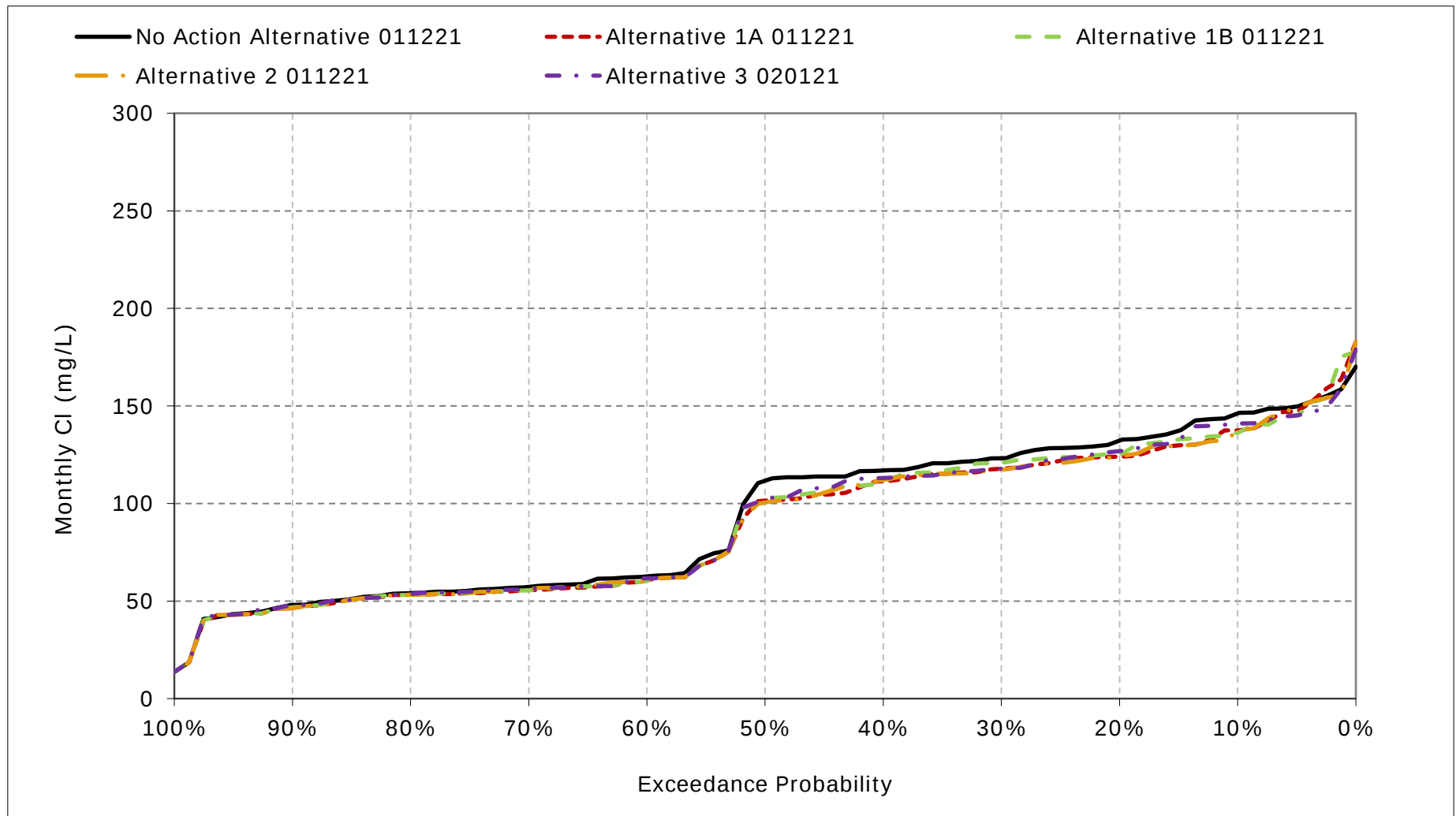
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-16. Jones Pumping Plant South Delta Exports Chloride, October CI**



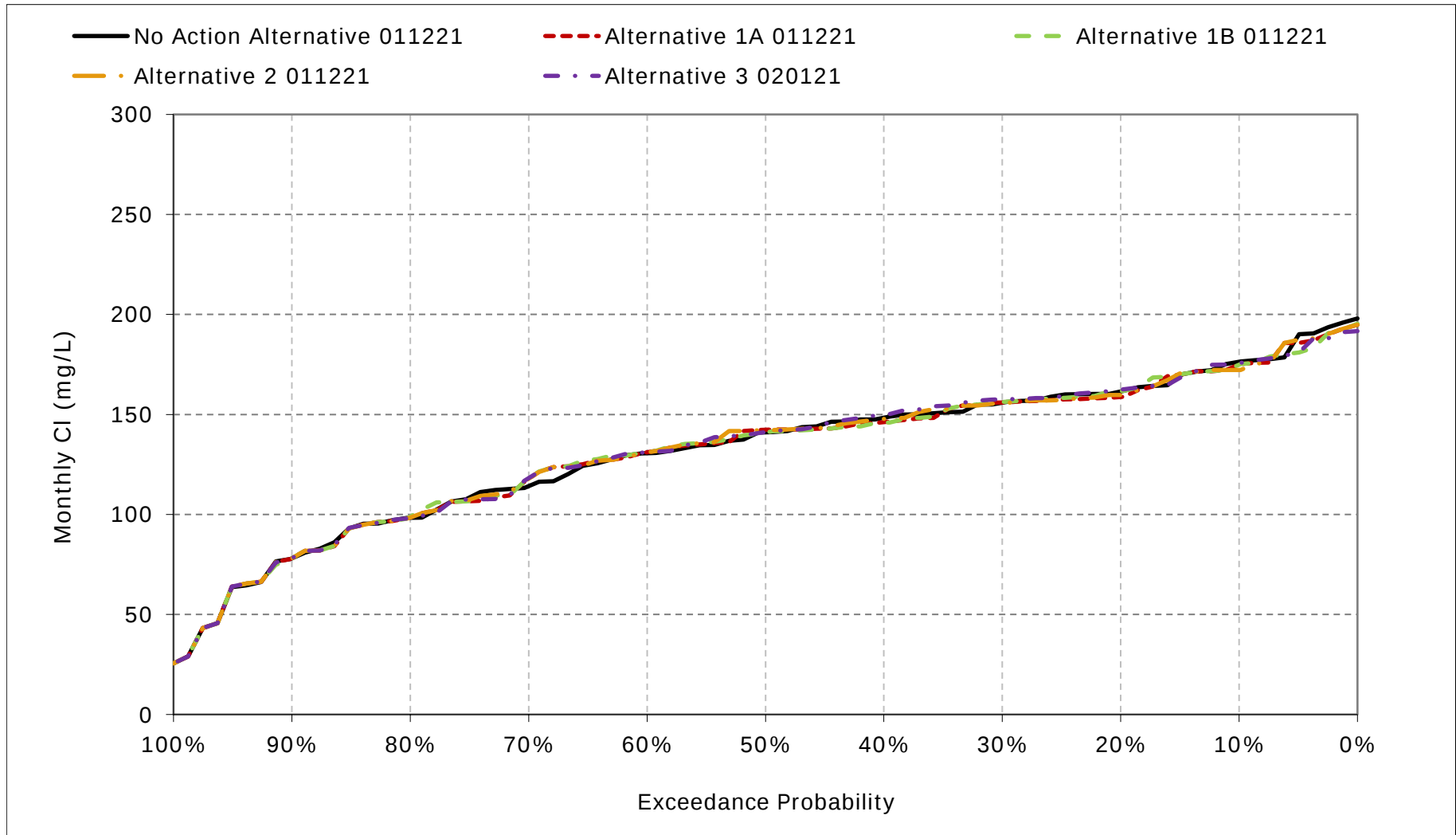
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-17. Jones Pumping Plant South Delta Exports Chloride, November CI**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-4-18. Jones Pumping Plant South Delta Exports Chloride, December CI**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-5-1a. North Bay Aqueduct, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 17  | 18  | 19  | 22  | 24  | 22  | 20  | 19  | 18  | 18  | 17  | 17  |
| 20 %                                | 17  | 18  | 19  | 21  | 22  | 21  | 19  | 18  | 17  | 17  | 17  | 17  |
| 30 %                                | 17  | 18  | 18  | 20  | 21  | 20  | 19  | 18  | 17  | 17  | 17  | 17  |
| 40 %                                | 17  | 17  | 18  | 19  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 50 %                                | 17  | 17  | 18  | 19  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 60 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 17  | 17  | 17  |
| 70 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 16  | 17  | 17  |
| 80 %                                | 17  | 17  | 17  | 18  | 18  | 18  | 17  | 17  | 16  | 16  | 16  | 17  |
| 90 %                                | 16  | 16  | 16  | 17  | 18  | 17  | 17  | 16  | 16  | 16  | 16  | 16  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 17  | 17  | 17  | 20  | 21  | 19  | 18  | 17  | 16  | 16  | 17  | 17  |
| Above Normal (15 %)                 | 17  | 17  | 18  | 20  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Below Normal (17 %)                 | 17  | 17  | 18  | 20  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Dry (22 %)                          | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Critical (15 %)                     | 18  | 18  | 19  | 19  | 20  | 20  | 21  | 20  | 19  | 18  | 18  | 18  |

Table 6B2-5-1b. North Bay Aqueduct, Alternative 1A 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 17  | 18  | 19  | 22  | 24  | 23  | 20  | 19  | 18  | 18  | 17  | 17  |
| 20 %                                | 17  | 18  | 19  | 21  | 23  | 21  | 19  | 18  | 17  | 17  | 17  | 17  |
| 30 %                                | 17  | 17  | 18  | 20  | 21  | 20  | 19  | 18  | 17  | 17  | 17  | 17  |
| 40 %                                | 17  | 17  | 18  | 19  | 21  | 20  | 19  | 17  | 17  | 17  | 17  | 17  |
| 50 %                                | 17  | 17  | 18  | 19  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 60 %                                | 17  | 17  | 17  | 19  | 19  | 18  | 18  | 17  | 17  | 17  | 16  | 17  |
| 70 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 16  | 16  | 16  |
| 80 %                                | 17  | 17  | 17  | 18  | 18  | 18  | 17  | 17  | 16  | 16  | 16  | 16  |
| 90 %                                | 16  | 16  | 16  | 17  | 18  | 17  | 17  | 16  | 16  | 16  | 16  | 16  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 17  | 17  | 17  | 20  | 21  | 19  | 18  | 17  | 16  | 16  | 17  | 17  |
| Above Normal (15 %)                 | 17  | 17  | 18  | 20  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Below Normal (17 %)                 | 17  | 17  | 18  | 20  | 20  | 20  | 18  | 17  | 17  | 17  | 16  | 17  |
| Dry (22 %)                          | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 16  | 16  | 16  |
| Critical (15 %)                     | 17  | 18  | 19  | 19  | 20  | 20  | 21  | 21  | 19  | 18  | 17  | 17  |

Table 6B2-5-1c. North Bay Aqueduct, Alternative 1A 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 20 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 30 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 40 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 50 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 60 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 70 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 80 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 90 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Above Normal (15 %)                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Below Normal (17 %)                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Dry (22 %)                          | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Critical (15 %)                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |

a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-5-2a. North Bay Aqueduct, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 17  | 18  | 19  | 22  | 24  | 22  | 20  | 19  | 18  | 18  | 17  | 17  |
| 20 %                                | 17  | 18  | 19  | 21  | 22  | 21  | 19  | 18  | 17  | 17  | 17  | 17  |
| 30 %                                | 17  | 18  | 18  | 20  | 21  | 20  | 19  | 18  | 17  | 17  | 17  | 17  |
| 40 %                                | 17  | 17  | 18  | 19  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 50 %                                | 17  | 17  | 18  | 19  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 60 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 17  | 17  | 17  |
| 70 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 16  | 17  | 17  |
| 80 %                                | 17  | 17  | 17  | 18  | 18  | 18  | 17  | 17  | 16  | 16  | 16  | 17  |
| 90 %                                | 16  | 16  | 16  | 17  | 18  | 17  | 17  | 16  | 16  | 16  | 16  | 16  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 17  | 17  | 17  | 20  | 21  | 19  | 18  | 17  | 16  | 16  | 17  | 17  |
| Above Normal (15 %)                 | 17  | 17  | 18  | 20  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Below Normal (17 %)                 | 17  | 17  | 18  | 20  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Dry (22 %)                          | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Critical (15 %)                     | 18  | 18  | 19  | 19  | 20  | 20  | 21  | 20  | 19  | 18  | 18  | 18  |

Table 6B2-5-2b. North Bay Aqueduct, Alternative 1B 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 17  | 18  | 19  | 22  | 24  | 23  | 20  | 19  | 18  | 18  | 17  | 17  |
| 20 %                                | 17  | 18  | 19  | 21  | 23  | 21  | 19  | 18  | 17  | 17  | 17  | 17  |
| 30 %                                | 17  | 17  | 18  | 20  | 21  | 20  | 19  | 18  | 17  | 17  | 17  | 17  |
| 40 %                                | 17  | 17  | 18  | 19  | 21  | 20  | 19  | 17  | 17  | 17  | 17  | 17  |
| 50 %                                | 17  | 17  | 18  | 19  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 60 %                                | 17  | 17  | 17  | 19  | 19  | 18  | 18  | 17  | 17  | 17  | 16  | 17  |
| 70 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 16  | 16  | 16  |
| 80 %                                | 17  | 17  | 17  | 18  | 18  | 18  | 17  | 17  | 16  | 16  | 16  | 16  |
| 90 %                                | 16  | 16  | 16  | 17  | 18  | 17  | 17  | 16  | 16  | 16  | 16  | 16  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 17  | 17  | 17  | 20  | 21  | 19  | 18  | 17  | 16  | 16  | 17  | 17  |
| Above Normal (15 %)                 | 17  | 17  | 18  | 20  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Below Normal (17 %)                 | 17  | 17  | 18  | 20  | 20  | 20  | 18  | 17  | 17  | 17  | 16  | 17  |
| Dry (22 %)                          | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 16  | 16  | 16  |
| Critical (15 %)                     | 17  | 18  | 19  | 19  | 20  | 20  | 20  | 20  | 19  | 18  | 17  | 17  |

Table 6B2-5-2c. North Bay Aqueduct, Alternative 1B 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 20 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 30 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 40 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 50 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 60 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 70 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 80 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 90 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Above Normal (15 %)                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Below Normal (17 %)                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Dry (22 %)                          | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Critical (15 %)                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |

a Based on the 82-year simulation period.

b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-5-3a. North Bay Aqueduct, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 17  | 18  | 19  | 22  | 24  | 22  | 20  | 19  | 18  | 18  | 17  | 17  |
| 20 %                                | 17  | 18  | 19  | 21  | 22  | 21  | 19  | 18  | 17  | 17  | 17  | 17  |
| 30 %                                | 17  | 18  | 18  | 20  | 21  | 20  | 19  | 18  | 17  | 17  | 17  | 17  |
| 40 %                                | 17  | 17  | 18  | 19  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 50 %                                | 17  | 17  | 18  | 19  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 60 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 17  | 17  | 17  |
| 70 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 16  | 17  | 17  |
| 80 %                                | 17  | 17  | 17  | 18  | 18  | 18  | 17  | 17  | 16  | 16  | 16  | 17  |
| 90 %                                | 16  | 16  | 16  | 17  | 18  | 17  | 17  | 16  | 16  | 16  | 16  | 16  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 17  | 17  | 17  | 20  | 21  | 19  | 18  | 17  | 16  | 16  | 17  | 17  |
| Above Normal (15 %)                 | 17  | 17  | 18  | 20  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Below Normal (17 %)                 | 17  | 17  | 18  | 20  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Dry (22 %)                          | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Critical (15 %)                     | 18  | 18  | 19  | 19  | 20  | 20  | 21  | 20  | 19  | 18  | 18  | 18  |

Table 6B2-5-3b. North Bay Aqueduct, Alternative 2 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 17  | 18  | 19  | 22  | 24  | 23  | 20  | 19  | 18  | 18  | 17  | 17  |
| 20 %                                | 17  | 18  | 19  | 21  | 23  | 21  | 19  | 18  | 17  | 17  | 17  | 17  |
| 30 %                                | 17  | 17  | 18  | 20  | 21  | 20  | 19  | 18  | 17  | 17  | 17  | 17  |
| 40 %                                | 17  | 17  | 18  | 19  | 21  | 20  | 19  | 17  | 17  | 17  | 17  | 17  |
| 50 %                                | 17  | 17  | 18  | 19  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 60 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 17  | 16  | 17  |
| 70 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 16  | 16  | 16  |
| 80 %                                | 17  | 17  | 17  | 18  | 18  | 18  | 17  | 17  | 16  | 16  | 16  | 16  |
| 90 %                                | 16  | 16  | 16  | 17  | 18  | 17  | 17  | 16  | 16  | 16  | 16  | 16  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 17  | 17  | 17  | 20  | 21  | 19  | 18  | 17  | 16  | 16  | 17  | 17  |
| Above Normal (15 %)                 | 17  | 17  | 18  | 20  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Below Normal (17 %)                 | 17  | 17  | 18  | 20  | 20  | 20  | 18  | 17  | 17  | 17  | 16  | 17  |
| Dry (22 %)                          | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 16  | 16  | 16  |
| Critical (15 %)                     | 17  | 18  | 19  | 19  | 20  | 20  | 21  | 20  | 19  | 18  | 17  | 17  |

Table 6B2-5-3c. North Bay Aqueduct, Alternative 2 011221 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 20 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 30 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 40 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 50 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 60 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 70 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 80 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 90 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Above Normal (15 %)                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Below Normal (17 %)                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Dry (22 %)                          | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Critical (15 %)                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |

a Based on the 82-year simulation period.  
b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).  
c These results are displayed with calendar year - year type sorting.  
d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6B2-5-4a. North Bay Aqueduct, No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 17  | 18  | 19  | 22  | 24  | 22  | 20  | 19  | 18  | 18  | 17  | 17  |
| 20 %                                | 17  | 18  | 19  | 21  | 22  | 21  | 19  | 18  | 17  | 17  | 17  | 17  |
| 30 %                                | 17  | 18  | 18  | 20  | 21  | 20  | 19  | 18  | 17  | 17  | 17  | 17  |
| 40 %                                | 17  | 17  | 18  | 19  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 50 %                                | 17  | 17  | 18  | 19  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 60 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 17  | 17  | 17  |
| 70 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 16  | 17  | 17  |
| 80 %                                | 17  | 17  | 17  | 18  | 18  | 18  | 17  | 17  | 16  | 16  | 16  | 17  |
| 90 %                                | 16  | 16  | 16  | 17  | 18  | 17  | 17  | 16  | 16  | 16  | 16  | 16  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 17  | 17  | 17  | 20  | 21  | 19  | 18  | 17  | 16  | 16  | 17  | 17  |
| Above Normal (15 %)                 | 17  | 17  | 18  | 20  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Below Normal (17 %)                 | 17  | 17  | 18  | 20  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Dry (22 %)                          | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Critical (15 %)                     | 18  | 18  | 19  | 19  | 20  | 20  | 21  | 20  | 19  | 18  | 18  | 18  |

Table 6B2-5-4b. North Bay Aqueduct, Alternative 3 020121, Monthly CI (mg /L)

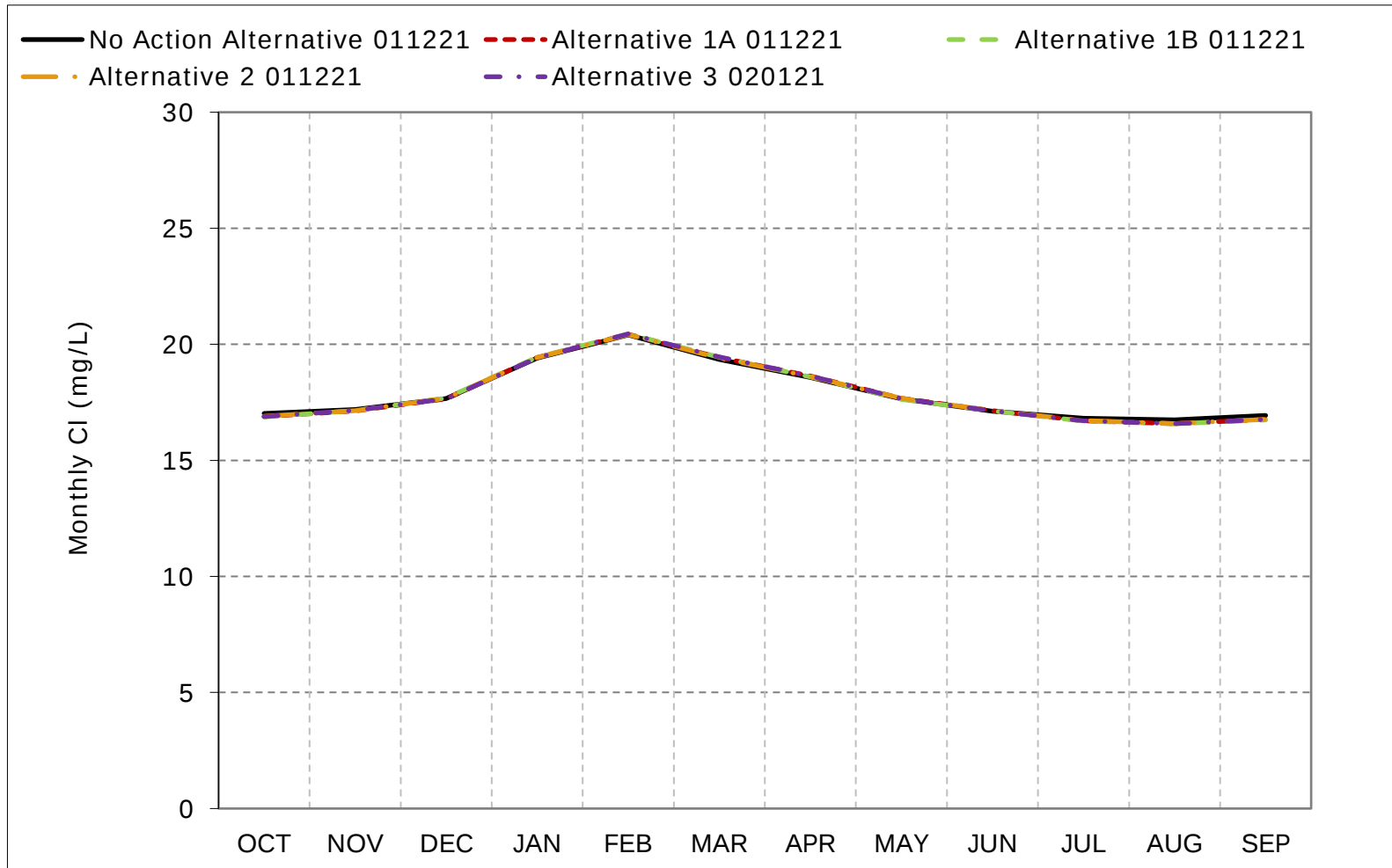
| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 17  | 18  | 19  | 22  | 24  | 23  | 20  | 19  | 18  | 17  | 17  | 17  |
| 20 %                                | 17  | 18  | 19  | 21  | 23  | 21  | 19  | 18  | 17  | 17  | 17  | 17  |
| 30 %                                | 17  | 17  | 18  | 20  | 21  | 20  | 19  | 18  | 17  | 17  | 17  | 17  |
| 40 %                                | 17  | 17  | 18  | 19  | 21  | 20  | 19  | 17  | 17  | 17  | 17  | 17  |
| 50 %                                | 17  | 17  | 18  | 19  | 20  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| 60 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 17  | 16  | 17  |
| 70 %                                | 17  | 17  | 17  | 18  | 19  | 18  | 18  | 17  | 17  | 16  | 16  | 16  |
| 80 %                                | 17  | 17  | 17  | 18  | 18  | 18  | 17  | 17  | 16  | 16  | 16  | 16  |
| 90 %                                | 16  | 16  | 16  | 17  | 18  | 17  | 17  | 16  | 16  | 16  | 16  | 16  |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 17  | 17  | 17  |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 17  | 17  | 17  | 20  | 21  | 19  | 18  | 17  | 16  | 16  | 17  | 17  |
| Above Normal (15 %)                 | 17  | 17  | 18  | 20  | 21  | 19  | 18  | 17  | 17  | 17  | 17  | 17  |
| Below Normal (17 %)                 | 17  | 17  | 18  | 20  | 20  | 20  | 18  | 17  | 17  | 17  | 16  | 17  |
| Dry (22 %)                          | 17  | 17  | 18  | 19  | 20  | 19  | 19  | 18  | 17  | 16  | 16  | 16  |
| Critical (15 %)                     | 17  | 18  | 19  | 19  | 20  | 20  | 21  | 20  | 19  | 18  | 17  | 17  |

Table 6B2-5-4c. North Bay Aqueduct, Alternative 3 020121 minus No Action Alternative 011221, Monthly CI (mg /L)

| Statistic                           | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Probability of Exceedance           |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 20 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 30 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 40 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 50 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 60 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 70 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 80 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 90 %                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Long Term                           |     |     |     |     |     |     |     |     |     |     |     |     |
| Full Simulation Period <sup>a</sup> | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Water Year Types <sup>b</sup>       |     |     |     |     |     |     |     |     |     |     |     |     |
| Wet (32 %)                          | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Above Normal (15 %)                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Below Normal (17 %)                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Dry (22 %)                          | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Critical (15 %)                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |

a Based on the 82-year simulation period.  
b As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).  
c These results are displayed with calendar year - year type sorting.  
d All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-5-1. North Bay Aqueduct, Long-Term Average Cl**

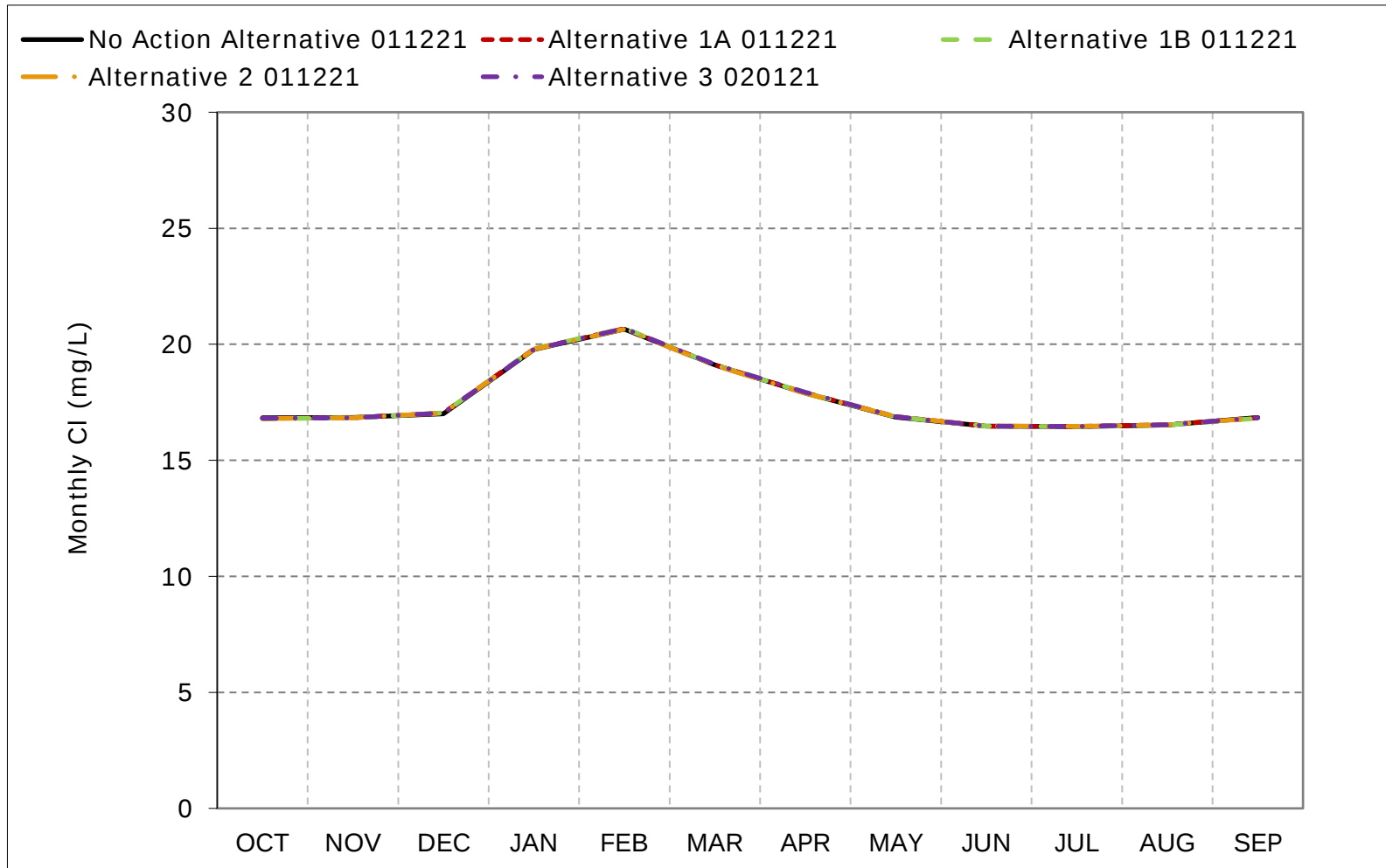


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-5-2. North Bay Aqueduct, Wet Year Average Cl**

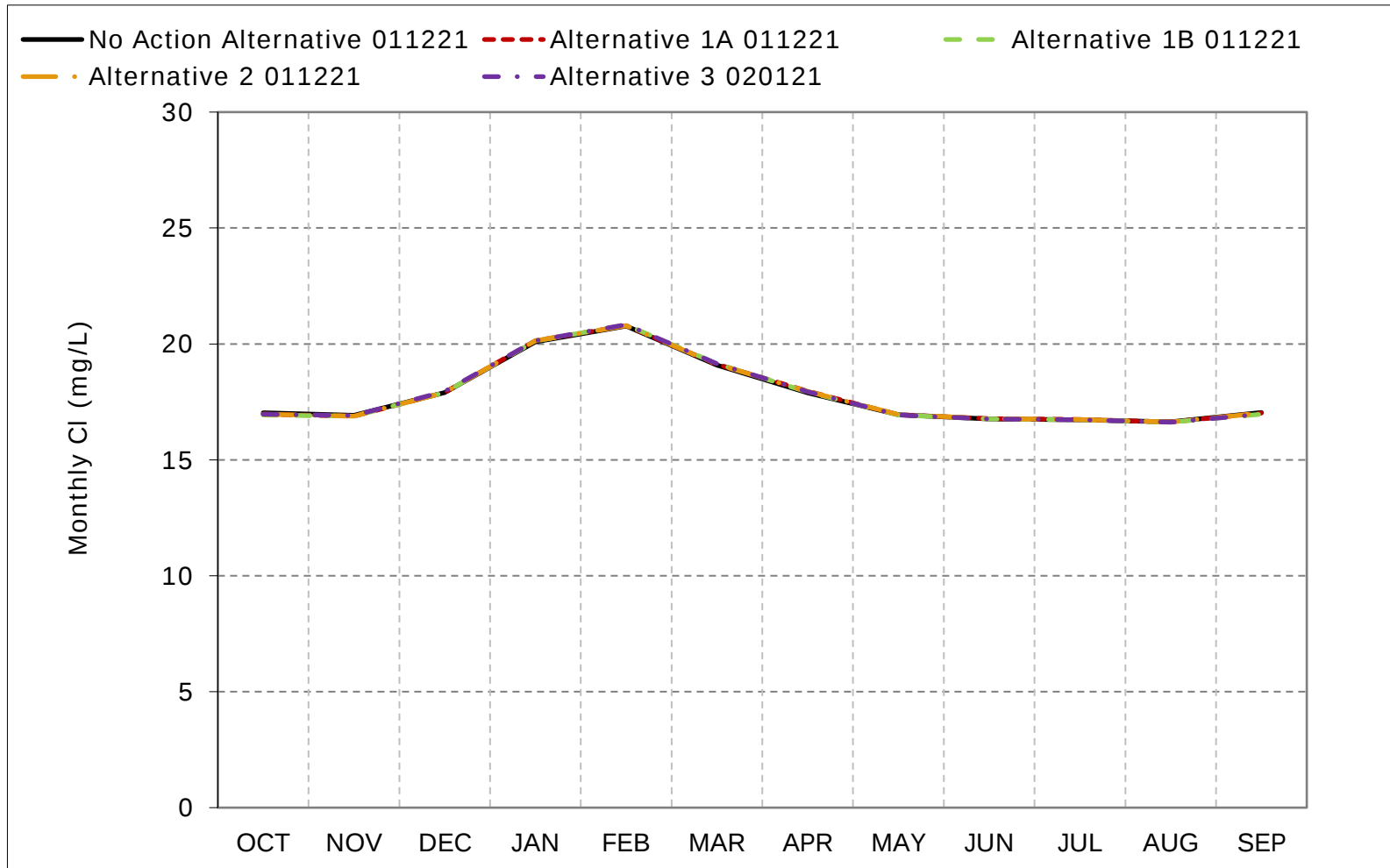


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-5-3. North Bay Aqueduct, Above Normal Year Average Cl**

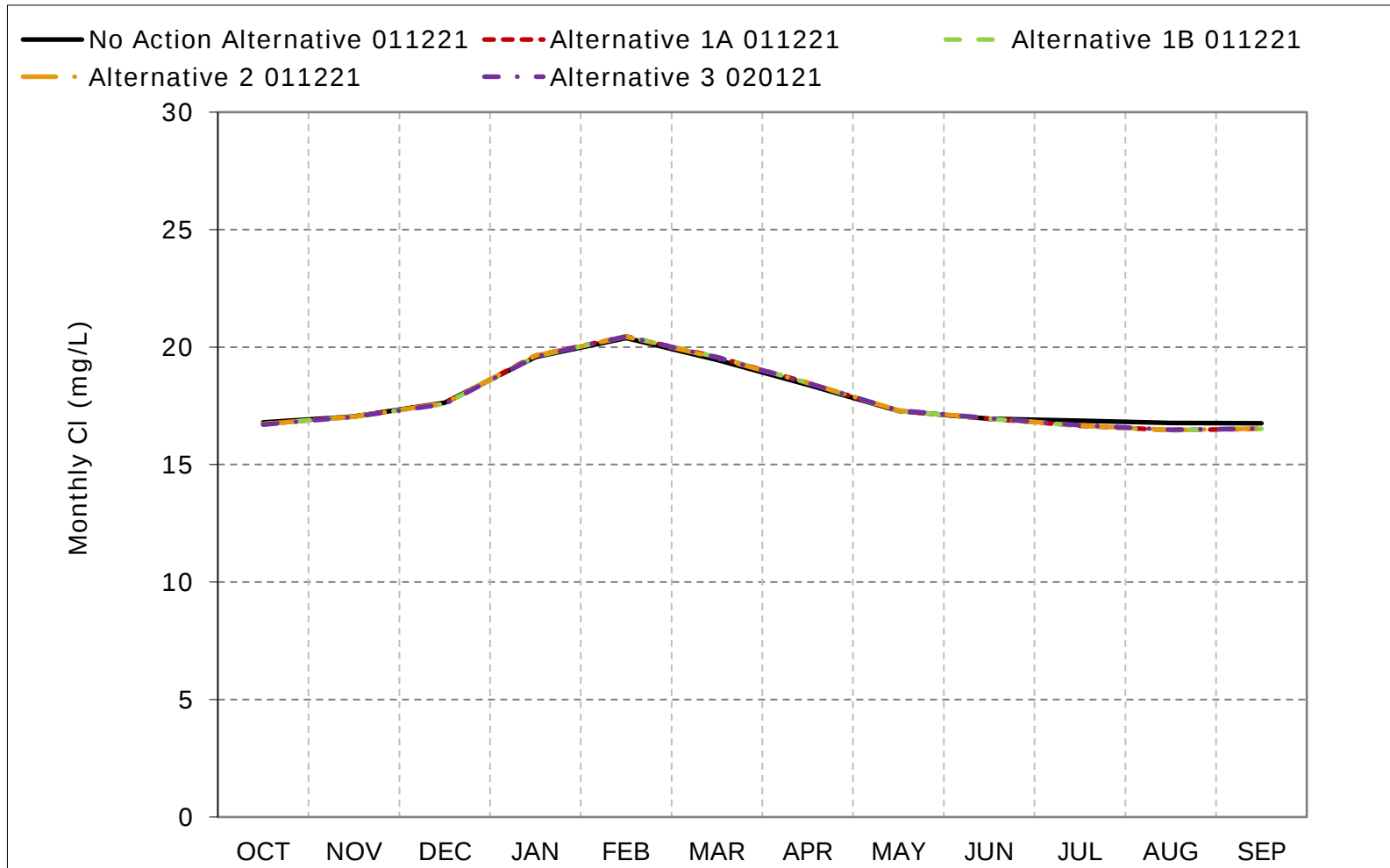


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-5-4. North Bay Aqueduct, Below Normal Year Average Cl**

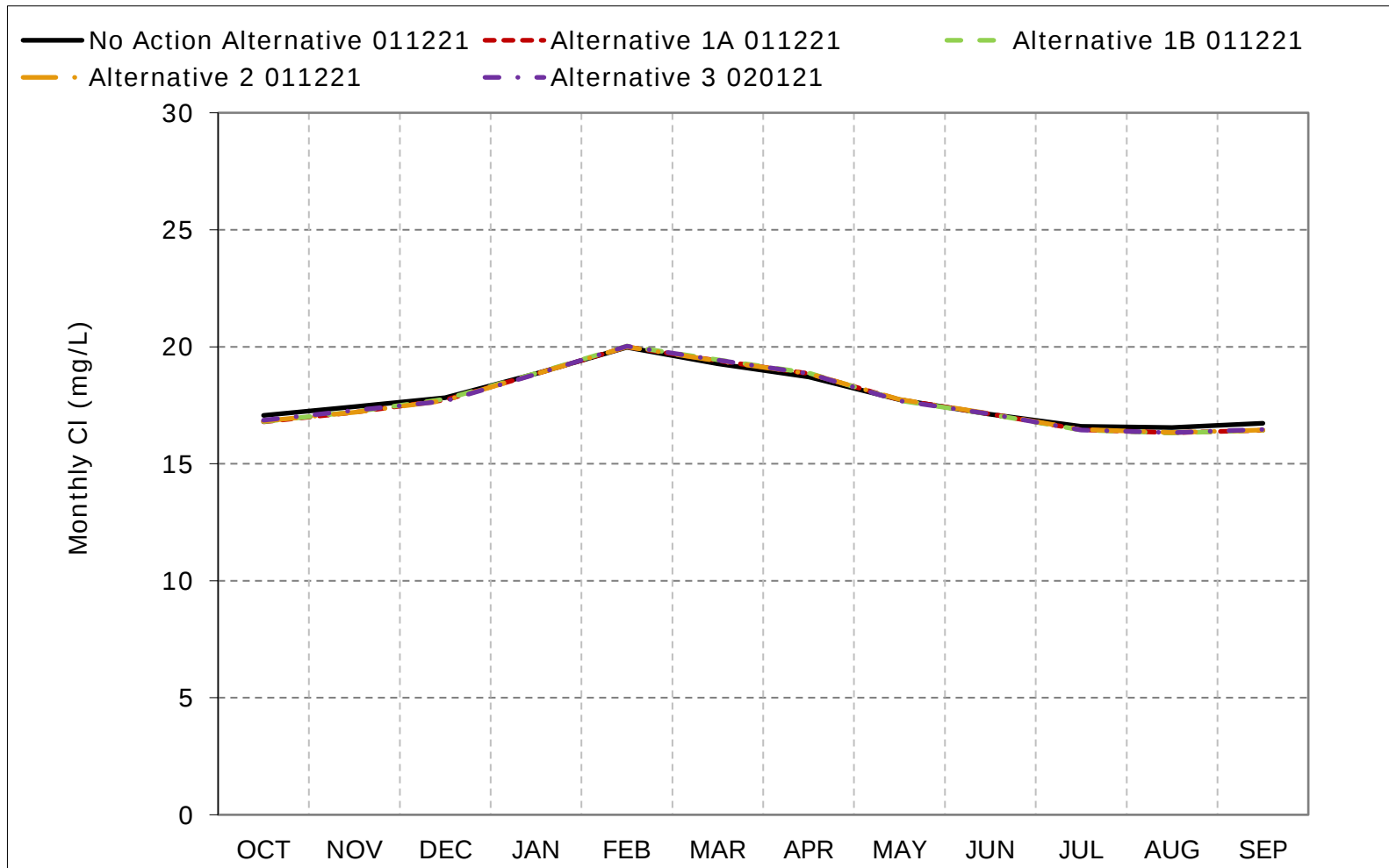


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-5-5. North Bay Aqueduct, Dry Year Average Cl**

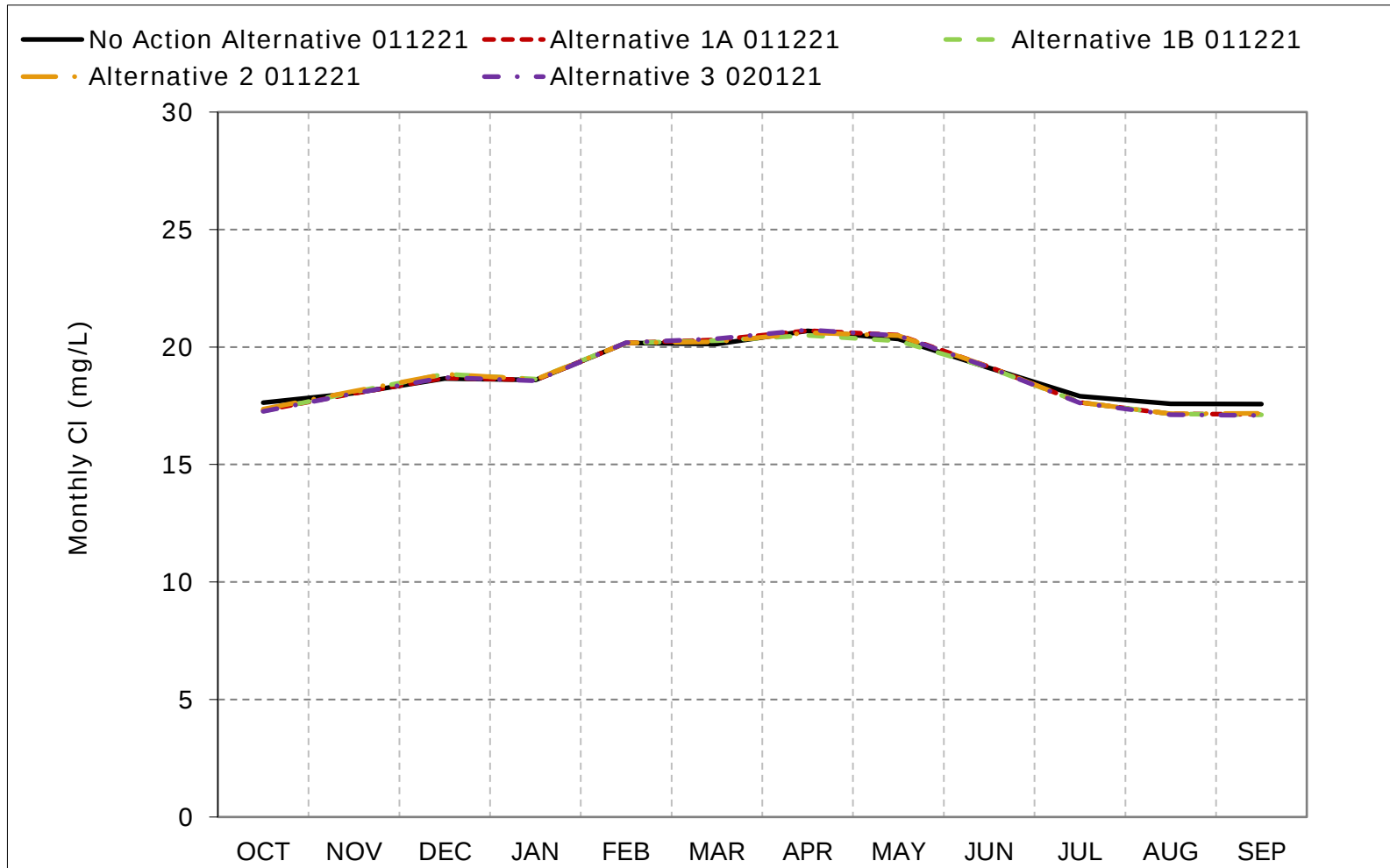


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-5-6. North Bay Aqueduct, Critical Year Average Cl**

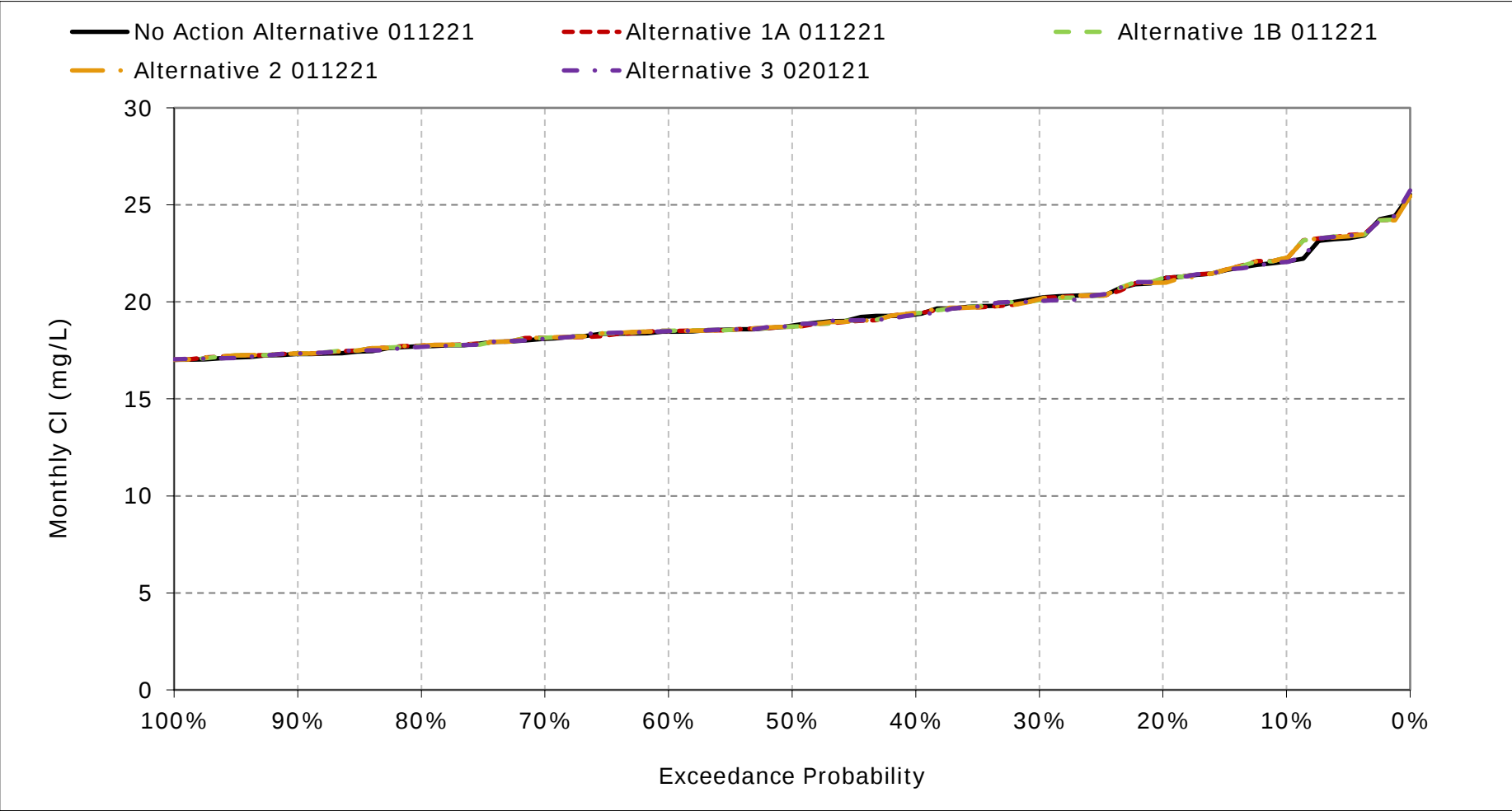


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

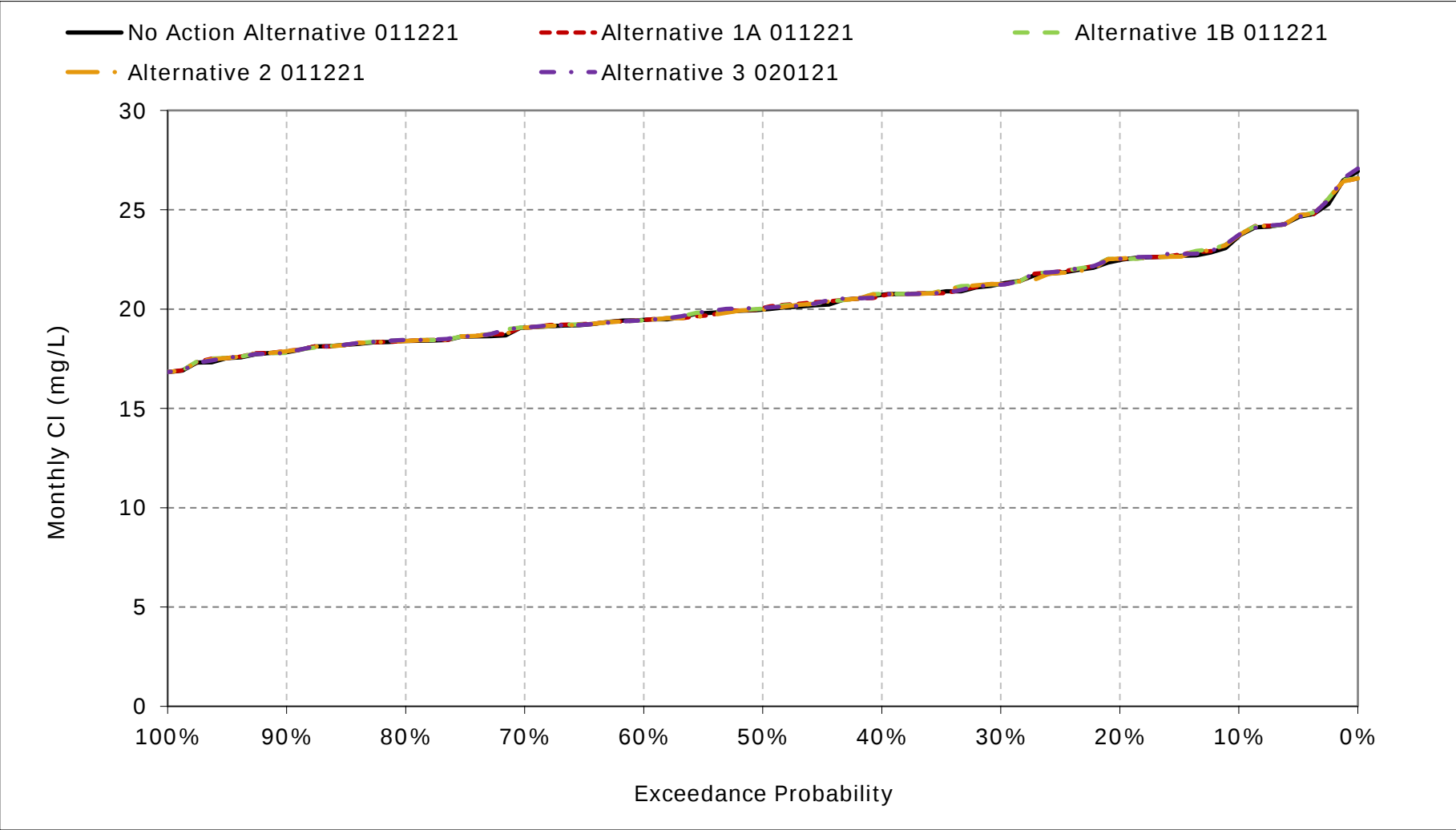
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-5-7. North Bay Aqueduct Chloride, January CI



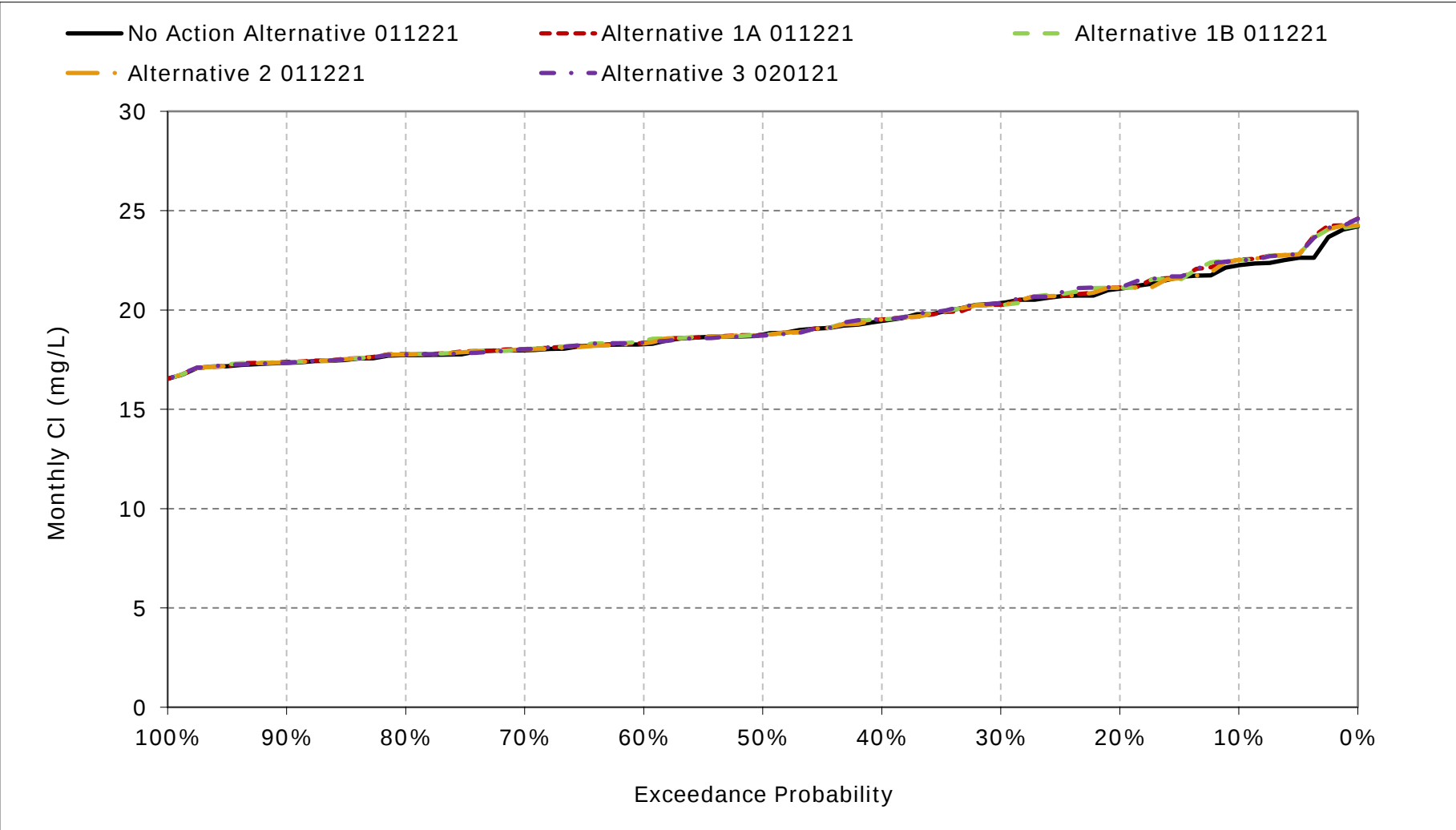
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-5-8. North Bay Aqueduct Chloride, February CI



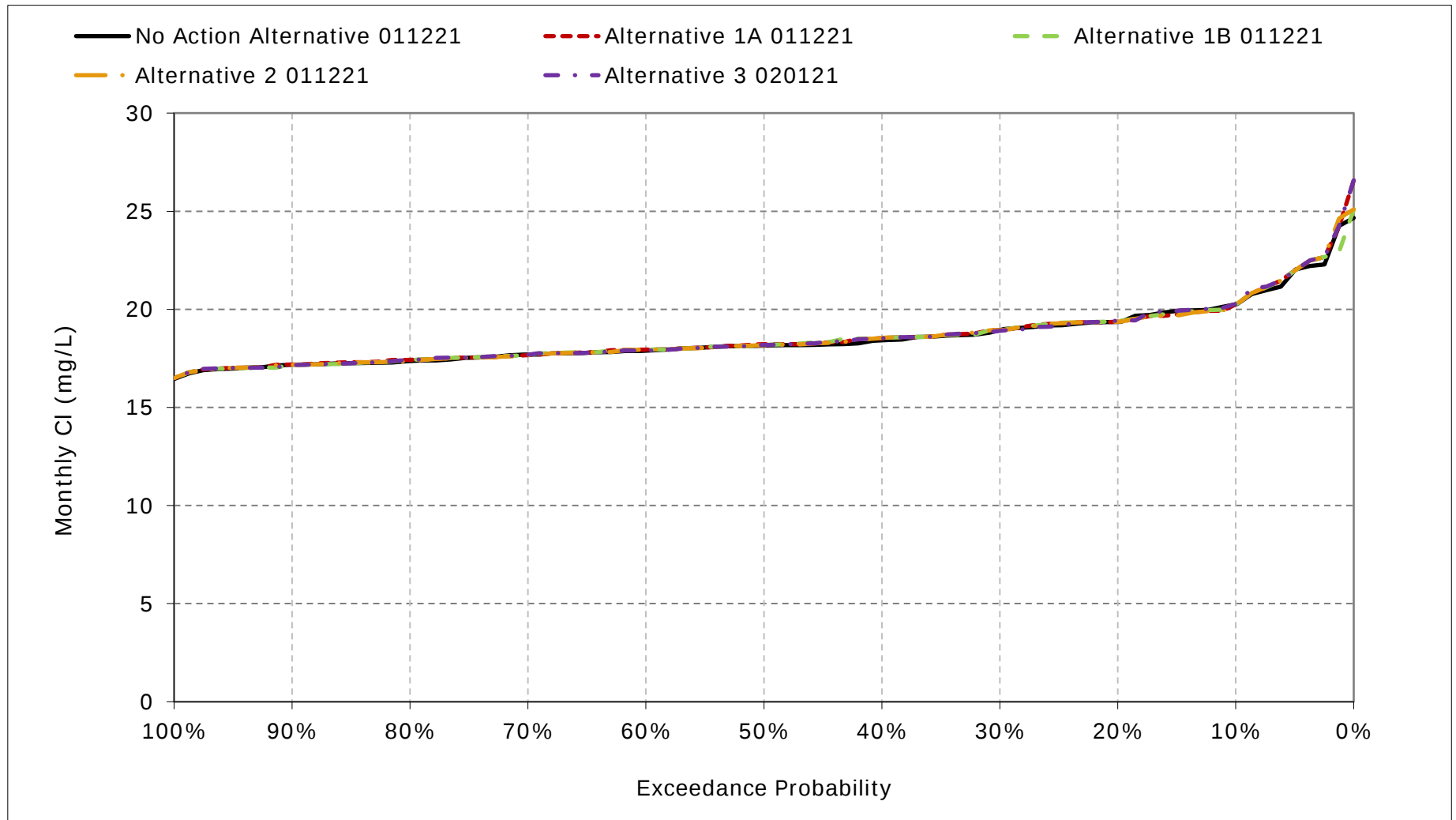
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-5-9. North Bay Aqueduct Chloride, March CI



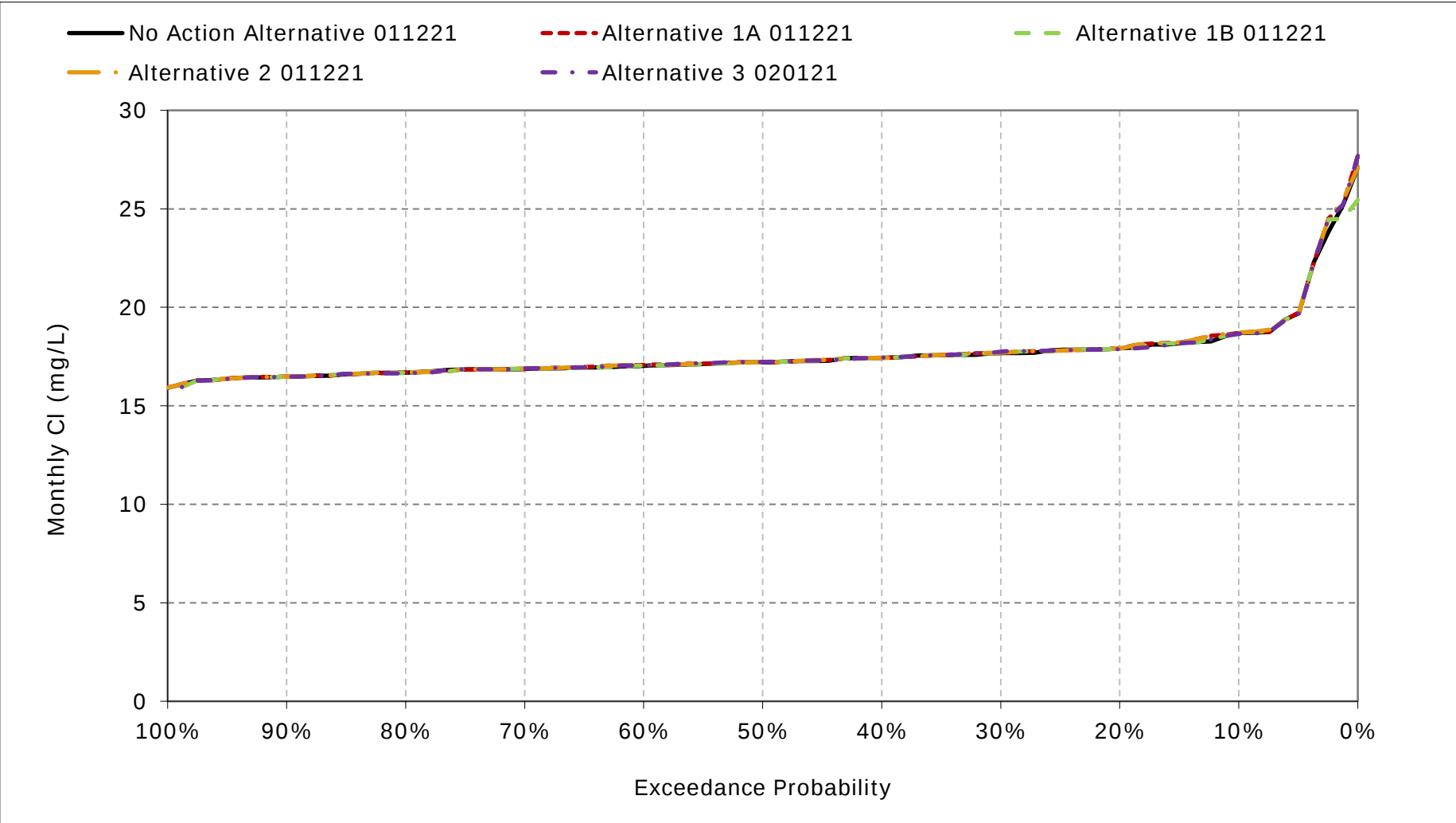
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-5-10. North Bay Aqueduct Chloride, April CI**



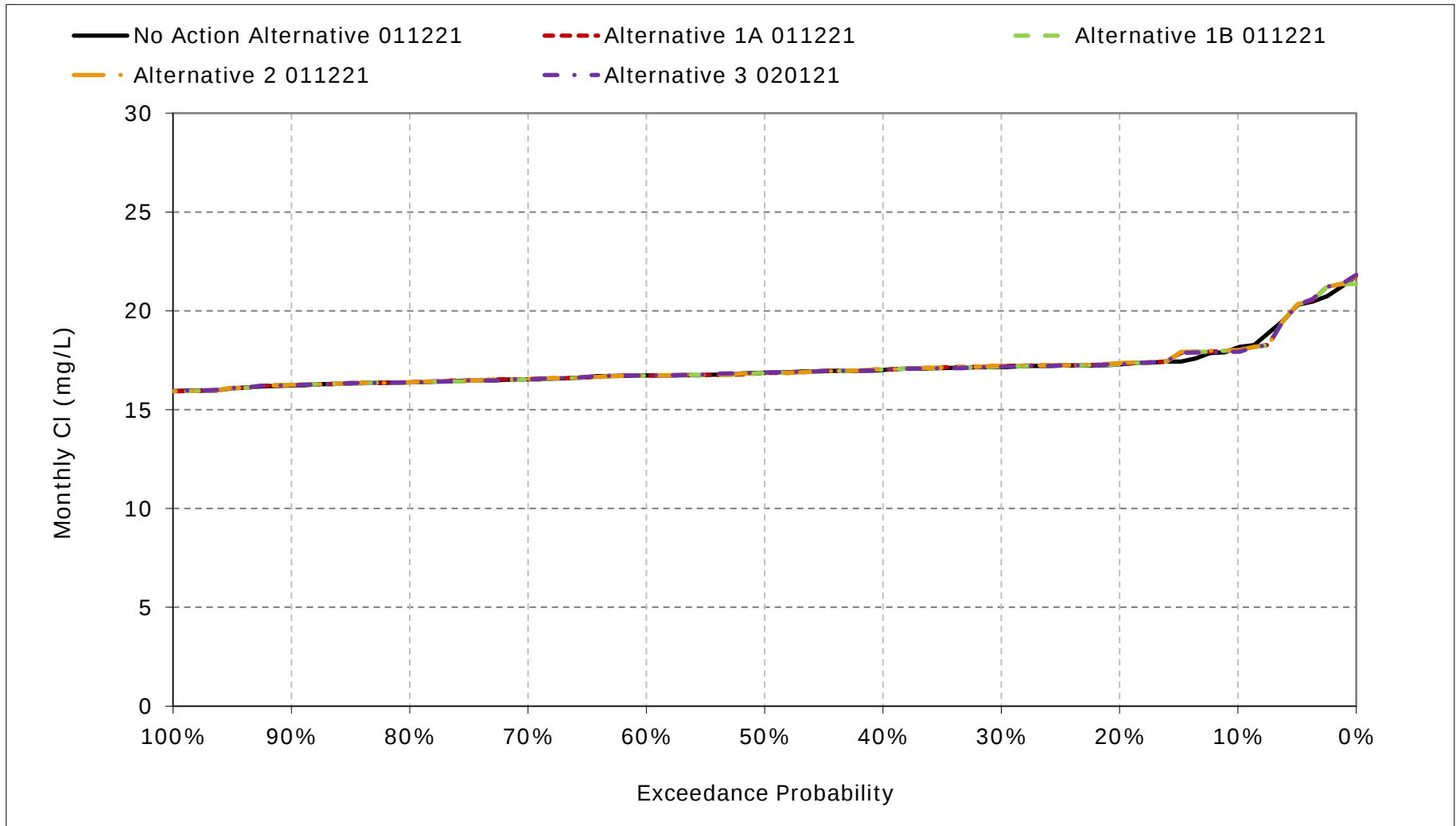
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-5-11. North Bay Aqueduct Chloride, May CI



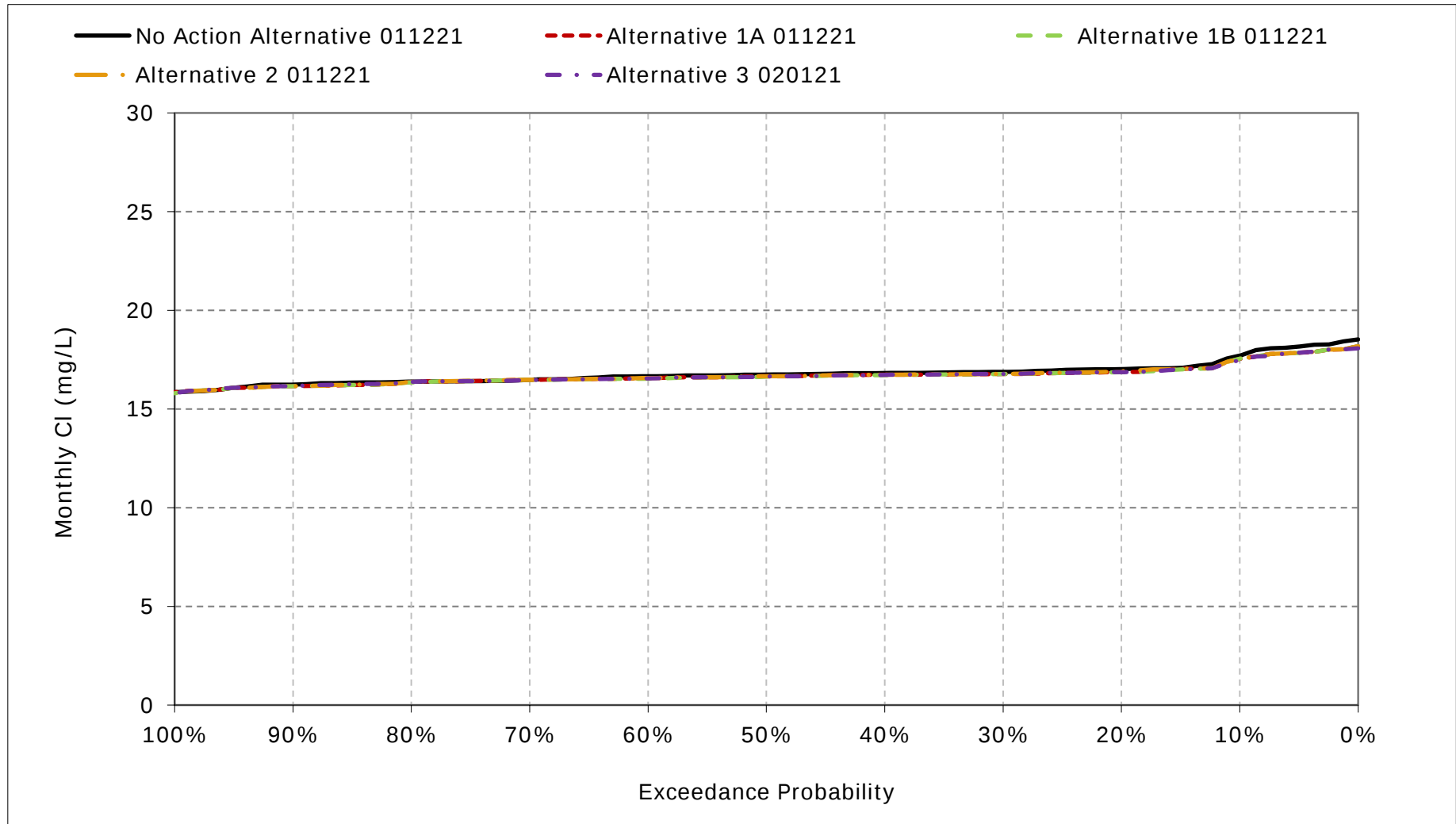
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-5-12. North Bay Aqueduct Chloride, June Cl**



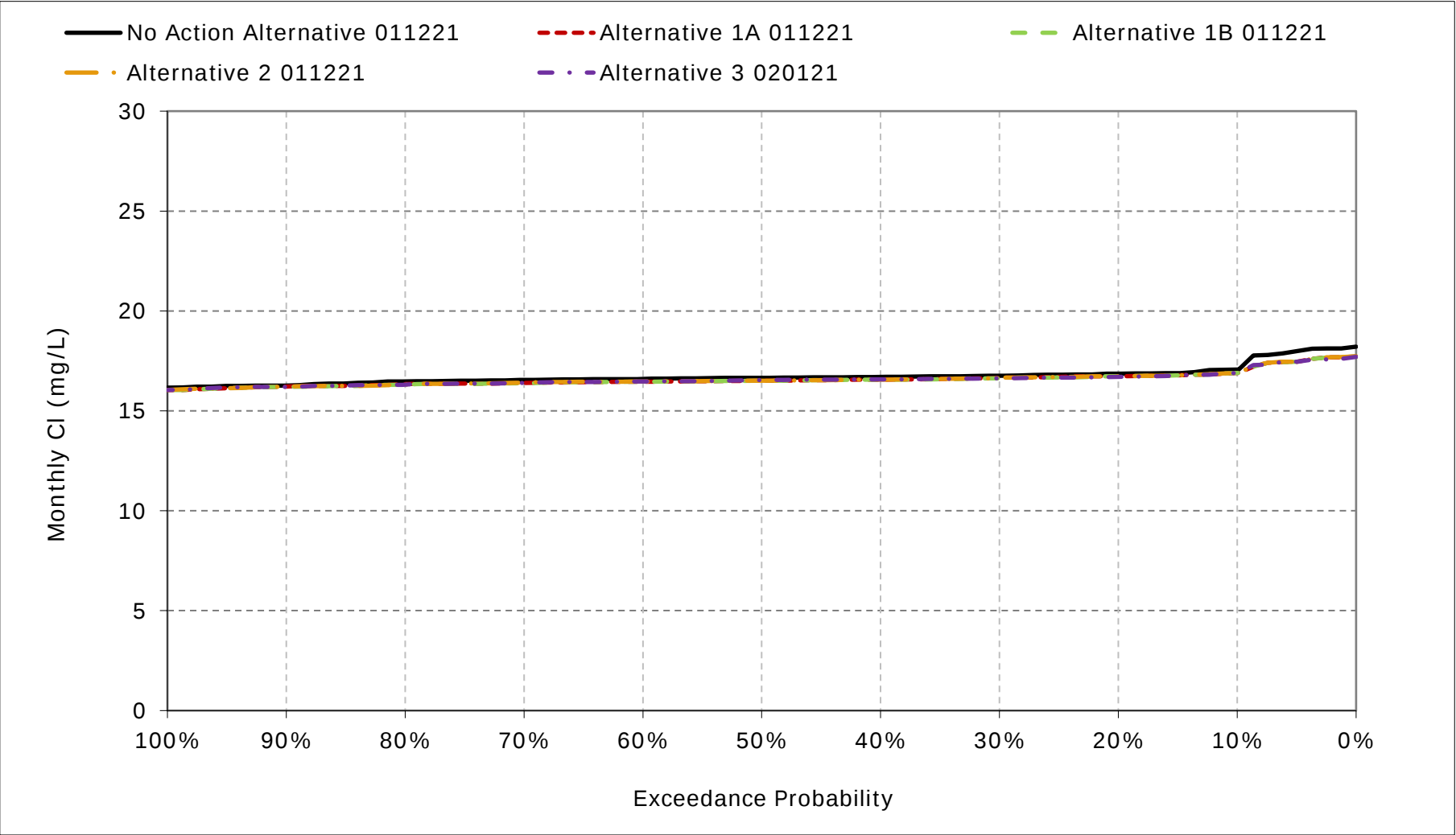
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-5-13. North Bay Aqueduct Chloride, July Cl**



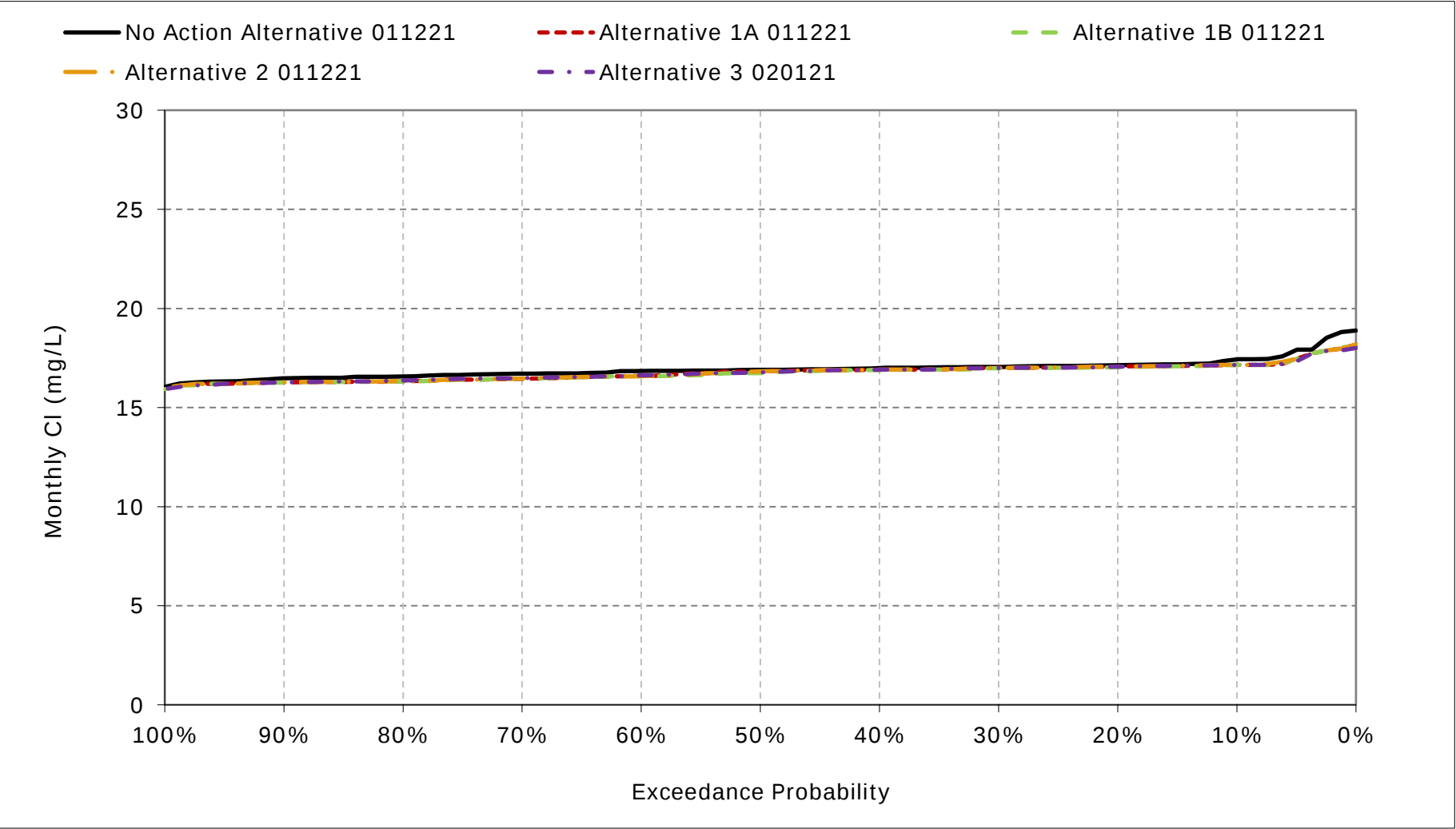
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-5-14. North Bay Aqueduct Chloride, August Cl



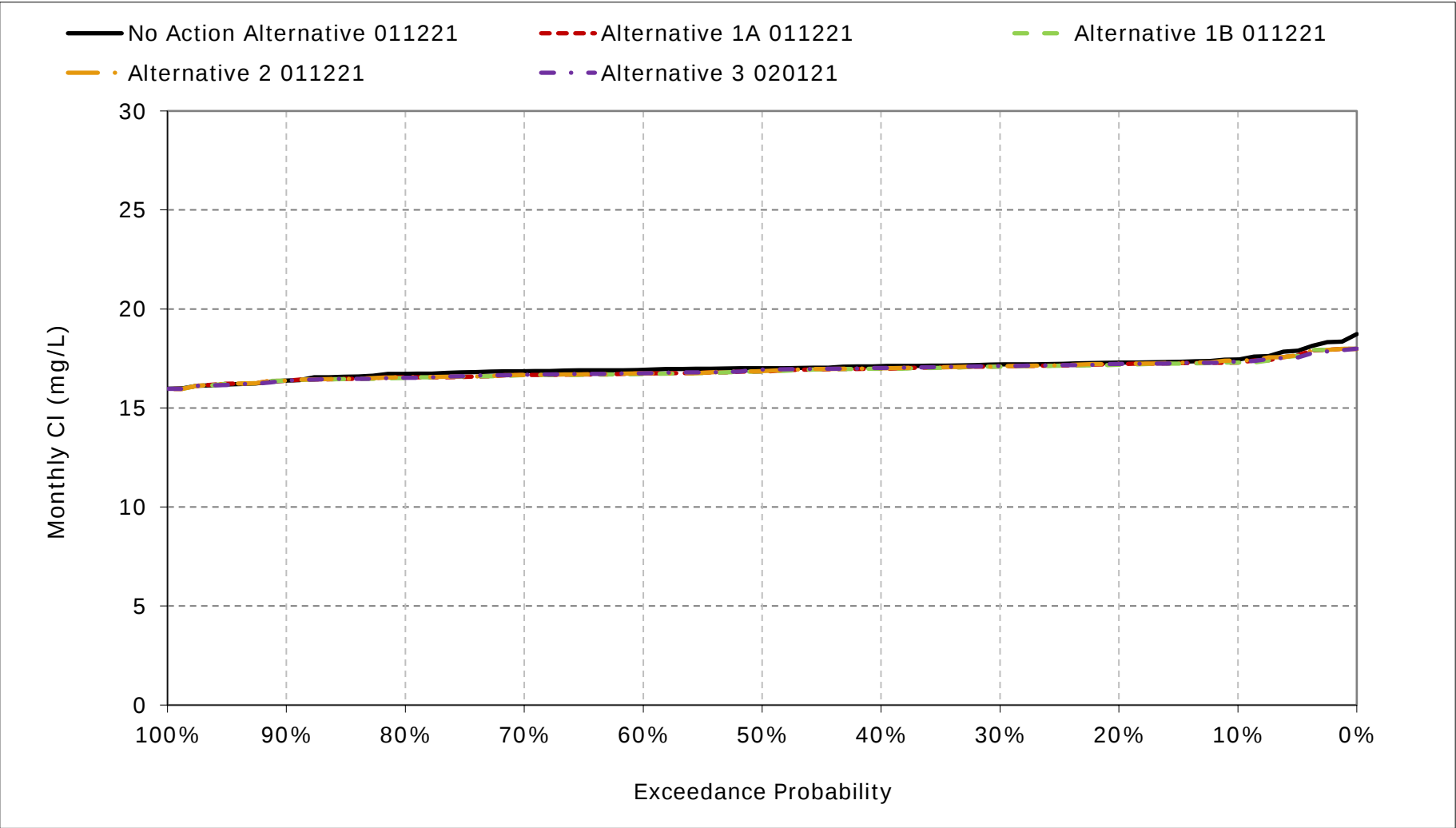
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-5-15. North Bay Aqueduct Chloride, September CI



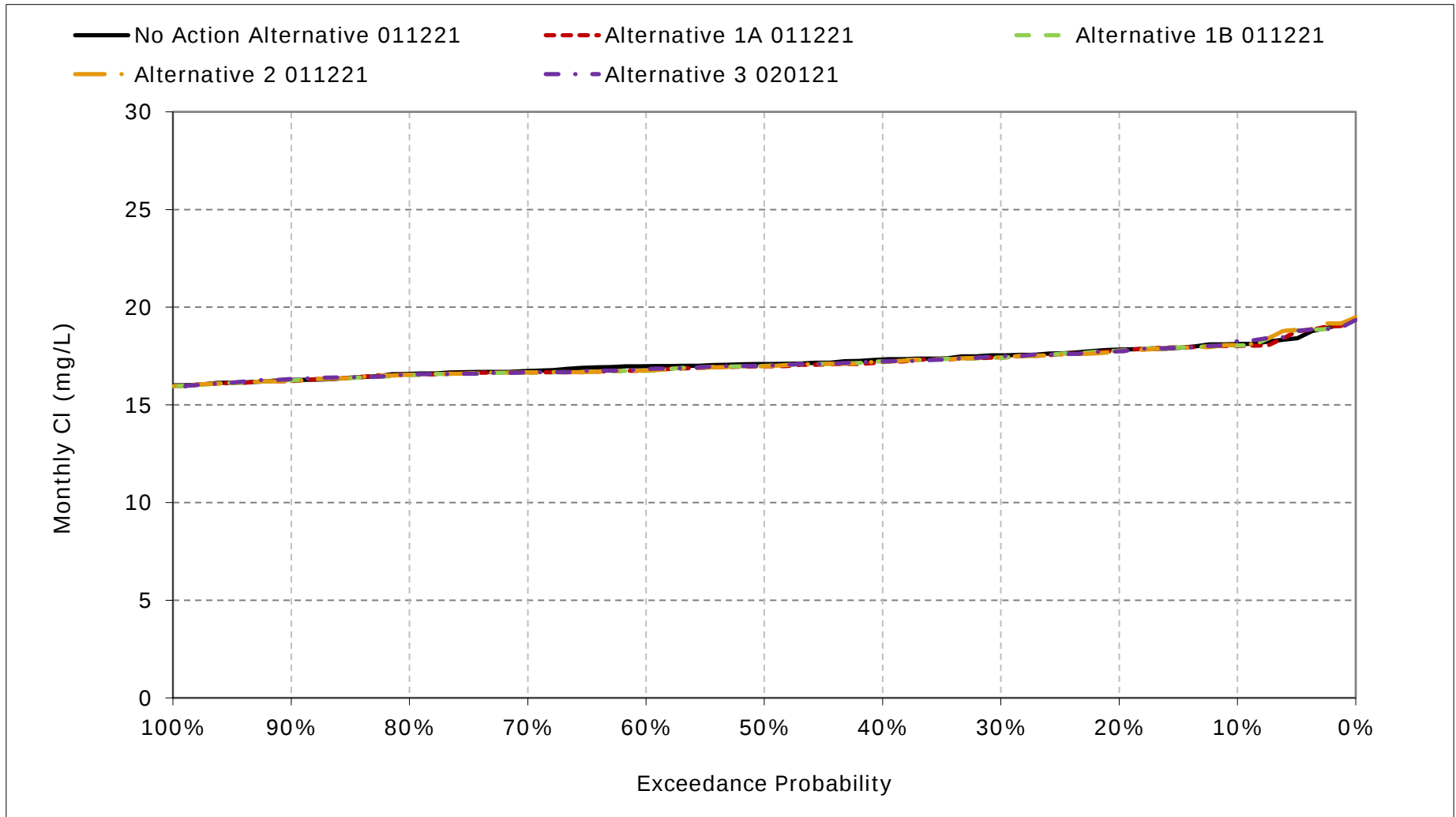
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6B2-5-16. North Bay Aqueduct Chloride, October CI



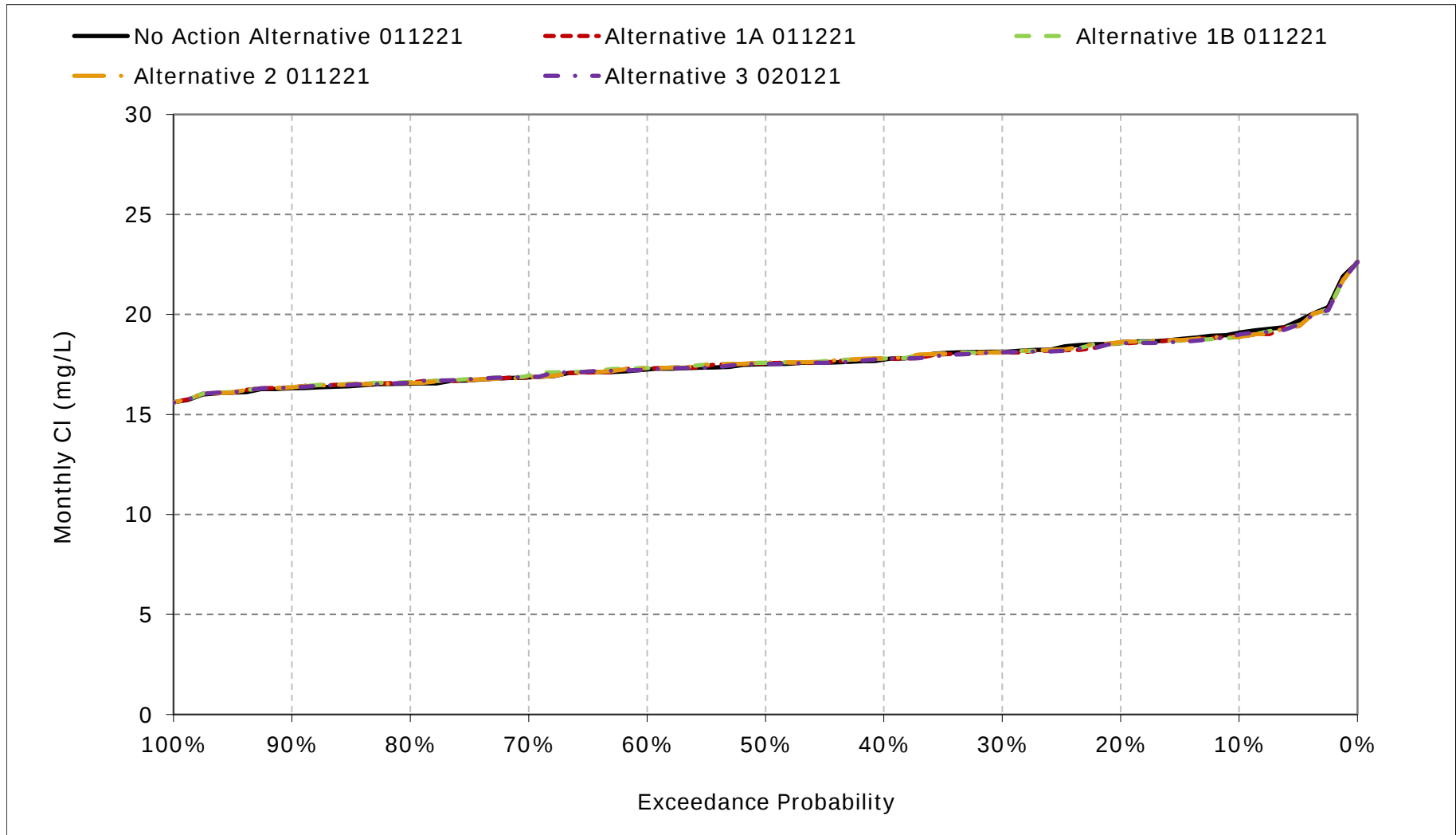
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-5-17. North Bay Aqueduct Chloride, November CI**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 6B2-5-18. North Bay Aqueduct Chloride, December CI**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.