Appendix 4B

Attachment 6b: Electrical Conductivity Results (DSM2)

Appendix 4B

Attachment 6b: Electrical Conductivity Results (DSM2)

The following results of the DSM2 model are included for river electrical conductivity conditions for the following scenarios:

- Baseline Conditions (082624)
- Proposed Project (082624)

Title	Model Parameter	Table Numbers	Figure Numbers
Sac R ds of Steamboat Slough	Sac_DS_STMBTSL	4B-6-1-1a to 4B-6-1-1c	4B-6-1a to 4B-6-1r
Cache Slough at Ryer Island	CACHE_RYER	4B-6-2-1a to 4B-6-2-1c	4B-6-2a to 4B-6-2r
Sac R ds of Georgiana Slough	RSAC123	4B-6-3-1a to 4B-6-3-1c	4B-6-3a to 4B-6-3r
Sac R at Rio Vista	RSAC101	4B-6-4-1a to 4B-6-4-1c	4B-6-4a to 4B-6-4r
Sac R at Emmaton	RSAC092	4B-6-5-1a to 4B-6-5-1c	4B-6-5a to 4B-6-5r
Sac R at Collinsville	RSAC081	4B-6-6-1a to 4B-6-6-1c	4B-6-6a to 4B-6-6r
Sac R at Mallard Slough	RSAC075	4B-6-7-1a to 4B-6-7-1c	4B-6-7a to 4B-6-7r
Chipps Island North Channel	CHIPS_N_437	4B-6-8-1a to 4B-6-8-1c	4B-6-8a to 4B-6-8r
Chipps Island South Channel	CHIPS_S_442	4B-6-9-1a to 4B-6-9-1c	4B-6-9a to 4B-6-9r
Sac R at Port Chicago	RSAC064	4B-6-10-1a to 4B-6-10-1c	4B-6-10a to 4B-6-10r
SJR at Antioch	RSAN007	4B-6-11-1a to 4B-6-11-1c	4B-6-11a to 4B-6-11r
SJR at Jersey Point	RSAN018	4B-6-12-1a to 4B-6-12-1c	4B-6-12a to 4B-6-12r
SJR at San Andreas	SJR_SAN_ANDREAS	4B-6-13-1a to 4B-6-13-1c	4B-6-13a to 4B-6-13r
SJR at Prisoners Point	RSAN037	4B-6-14-1a to 4B-6-14-1c	4B-6-14a to 4B-6-14r
Old River at Rock Slough	ROLD024	4B-6-15-1a to 4B-6-15-1c	4B-6-15a to 4B-6-15r
Banks Pumping Plant South Delta Exports	CLIFTONCOURT	4B-6-16-1a to 4B-6-16-1c	4B-6-16a to 4B-6-16r
Jones Pumping Plant South Delta Exports	CHDMC006	4B-6-17-1a to 4B-6-17-1c	4B-6-17a to 4B-6-17r
Old River at Highway 4	ROLD034	4B-6-18-1a to 4B-6-18-1c	4B-6-18a to 4B-6-18r
Victoria Canal	CHVCT000	4B-6-19-1a to 4B-6-19-1c	4B-6-19a to 4B-6-19r
Montezuma Slough at Hunter Cut	SLMZU003	4B-6-20-1a to 4B-6-20-1c	4B-6-20a to 4B-6-20r
Montezuma Slough at Beldons Landing	SLMZU011	4B-6-21-1a to 4B-6-21-1c	4B-6-21a to 4B-6-21r
Montezuma Slough at National Steel	SLMZU025	4B-6-22-1a to 4B-6-22-1c	4B-6-22a to 4B-6-22r
Suisun Bay near Ryer	RYC	4B-6-23-1a to 4B-6-23-1c	4B-6-23a to 4B-6-23r
Goodyear Slough Outfall at Naval Fleet	GYS	4B-6-24-1a to 4B-6-24-1c	4B-6-24a to 4B-6-24r
Three Mile Slough	3MILE_SL	4B-6-25-1a to 4B-6-25-1c	4B-6-25a to 4B-6-25r

Report formats:

- Monthly tables comparing two scenarios (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 scenarios.
- Monthly exceedance charts (all months) including all scenarios.

Table 4B-6-1-1a. Sacramento River downstream of Steamboat Slough Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	176	176	176	175	175	175
20% Exceedance	176	177	177	178	179	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average[a]	176	176	177	177	177	177	176	175	175	175	175	175
Wet Water Years (32%)	176	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (20%)	176	176	177	177	178	177	176	175	175	175	175	175
Dry Water Years (21%)	175	176	177	177	178	177	176	176	175	175	175	175
Critical Water Years (18%)	176	176	177	177	179	178	176	176	176	175	176	175

Table 4B-6-1-1b. Sacramento River downstream of Steamboat Slough Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

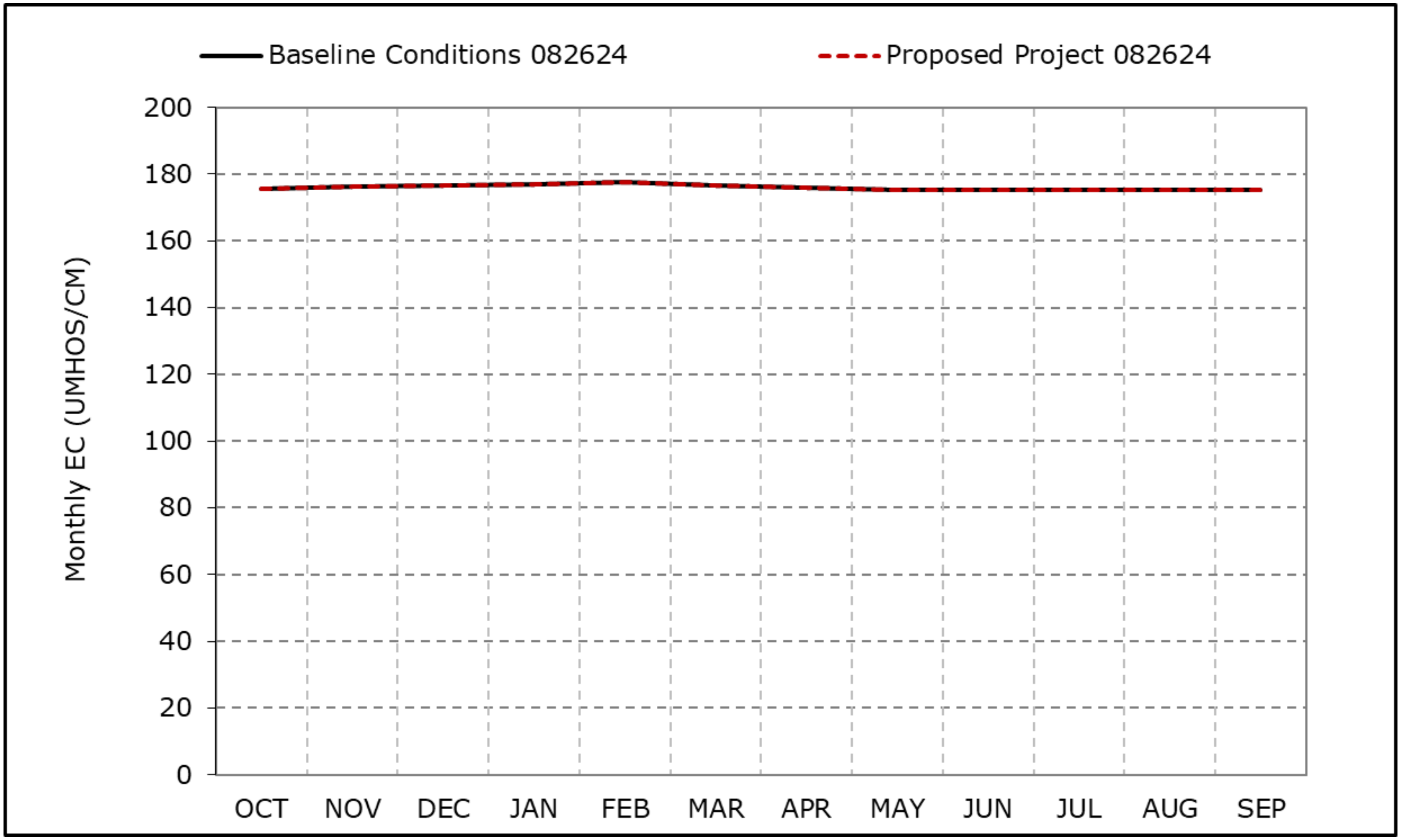
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	176	176	176	175	175	176
20% Exceedance	176	177	177	178	179	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	178	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average[a]	176	176	177	177	177	177	176	175	175	175	175	175
Wet Water Years (32%)	176	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (20%)	176	176	177	177	178	177	176	175	175	175	175	175
Dry Water Years (21%)	175	176	177	177	178	177	176	175	175	175	175	175
Critical Water Years (18%)	176	176	177	177	179	178	176	176	176	175	176	175

Table 4B-6-1-1c. Sacramento River downstream of Steamboat Slough Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years (32%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (20%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years (21%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years (18%)	0	0	0	0	0	0	0	0	0	0	0	0

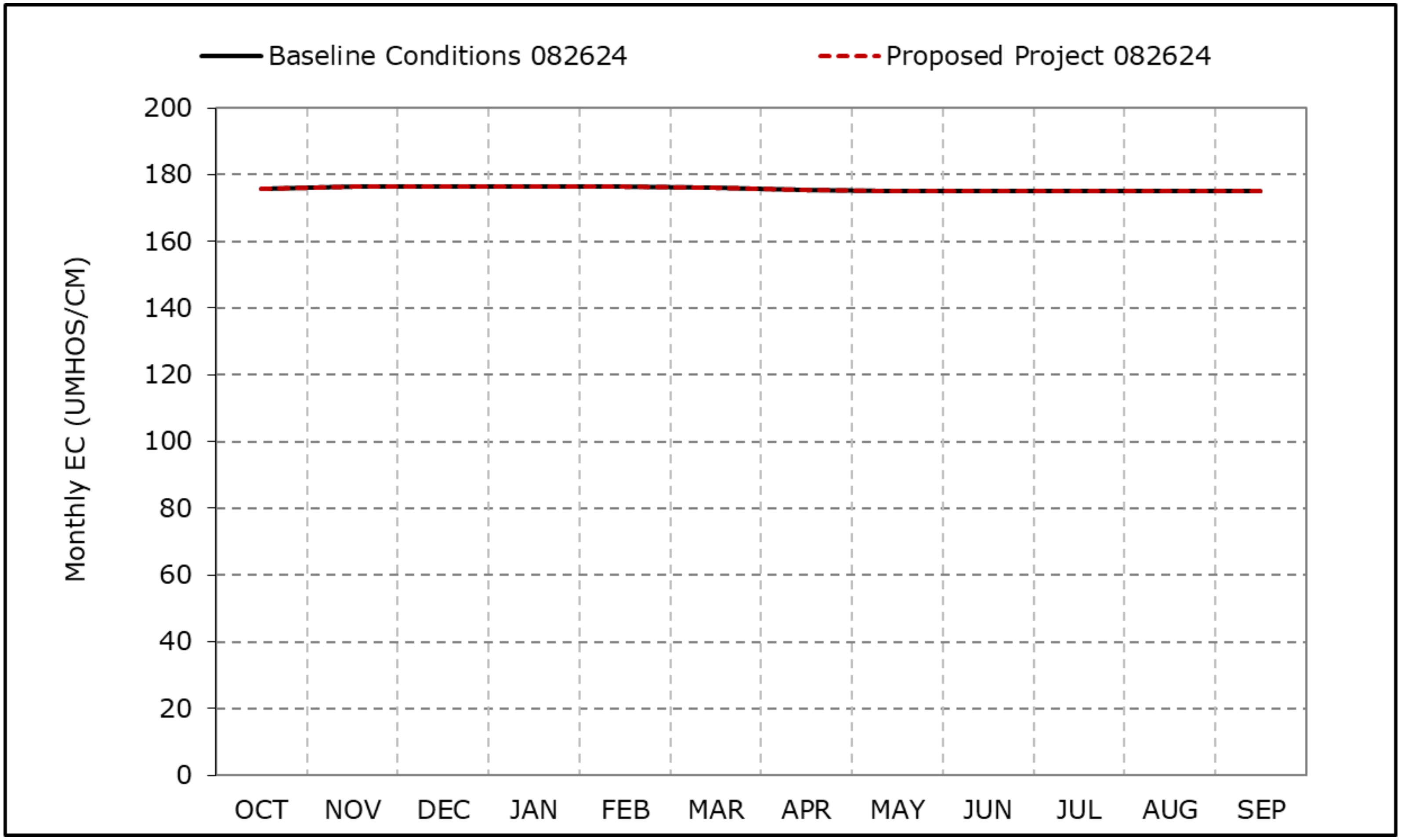
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-1a. Sacramento River downstream of Steamboat Slough Salinity, Long-Term Average EC



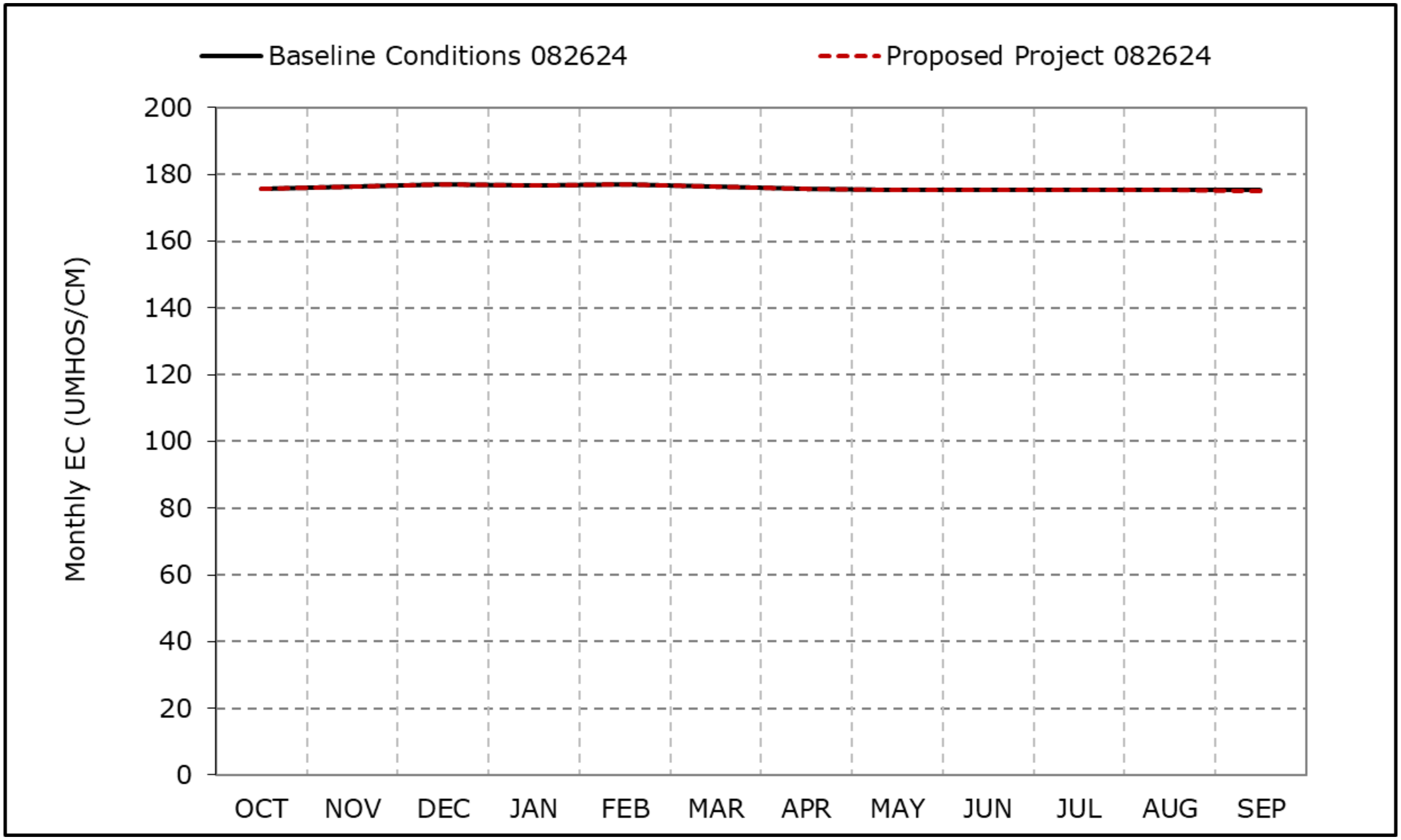
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1b. Sacramento River downstream of Steamboat Slough Salinity, Wet Year Average EC



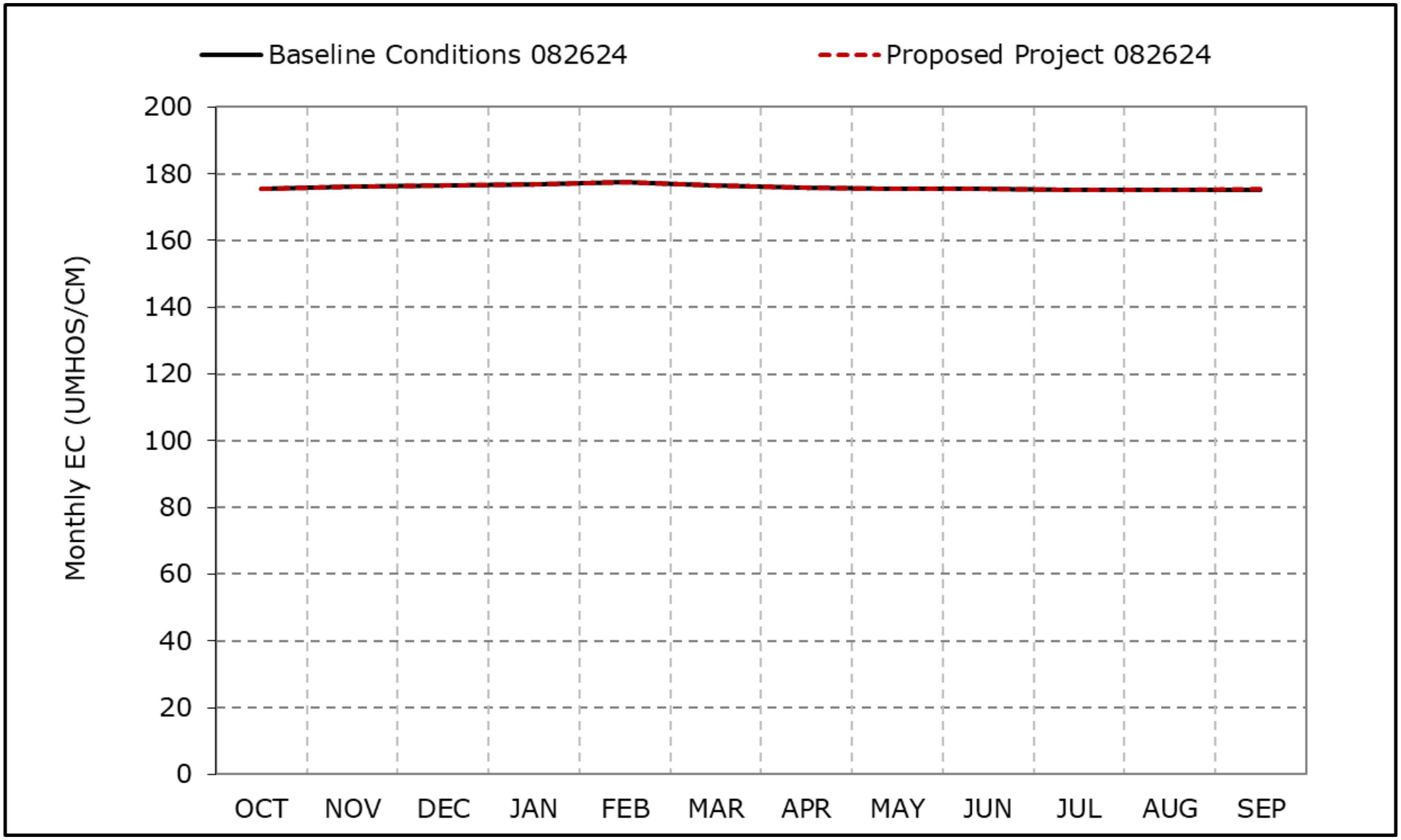
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1c. Sacramento River downstream of Steamboat Slough Salinity, Above Normal Year Average EC



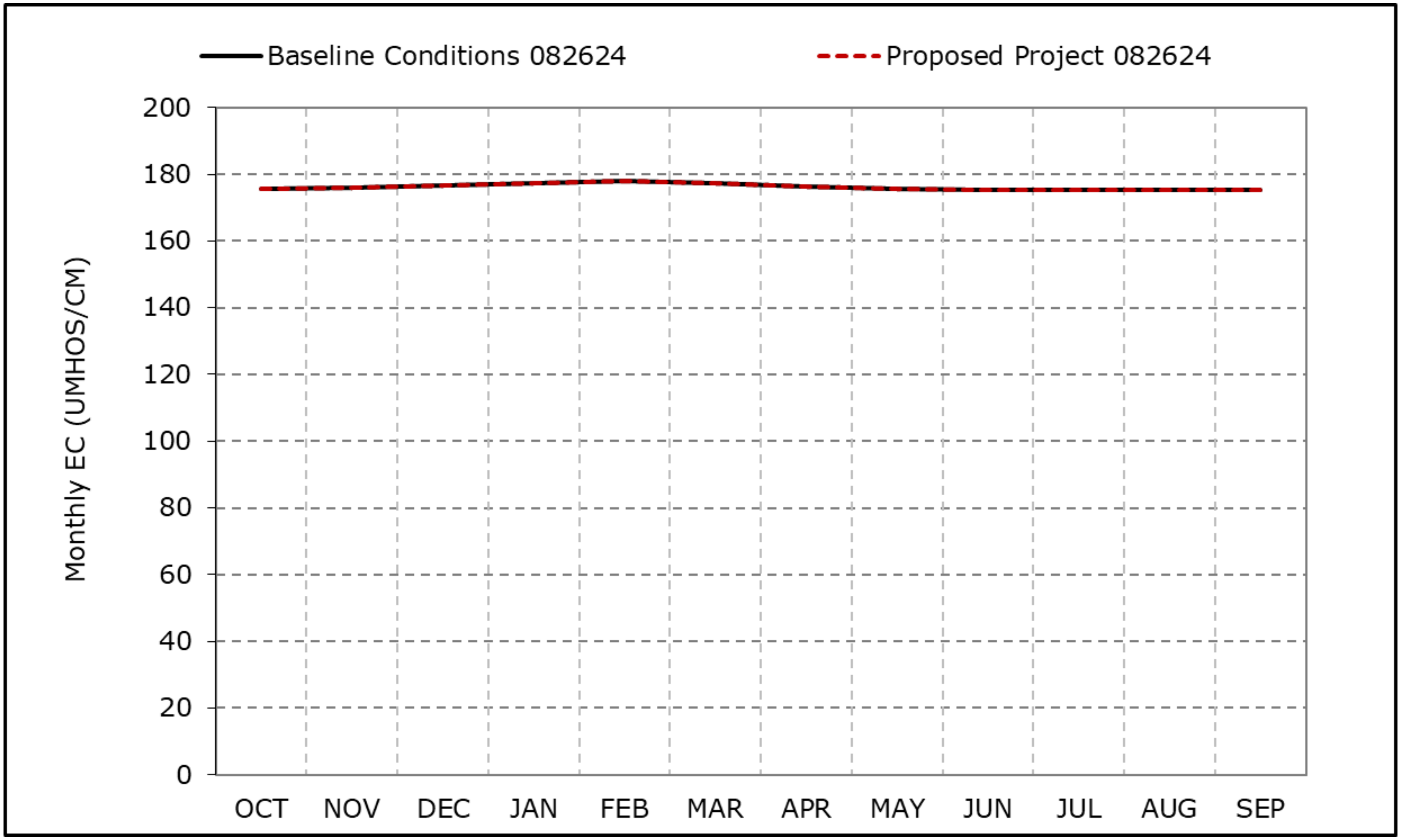
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1d. Sacramento River downstream of Steamboat Slough Salinity, Below Normal Year Average EC



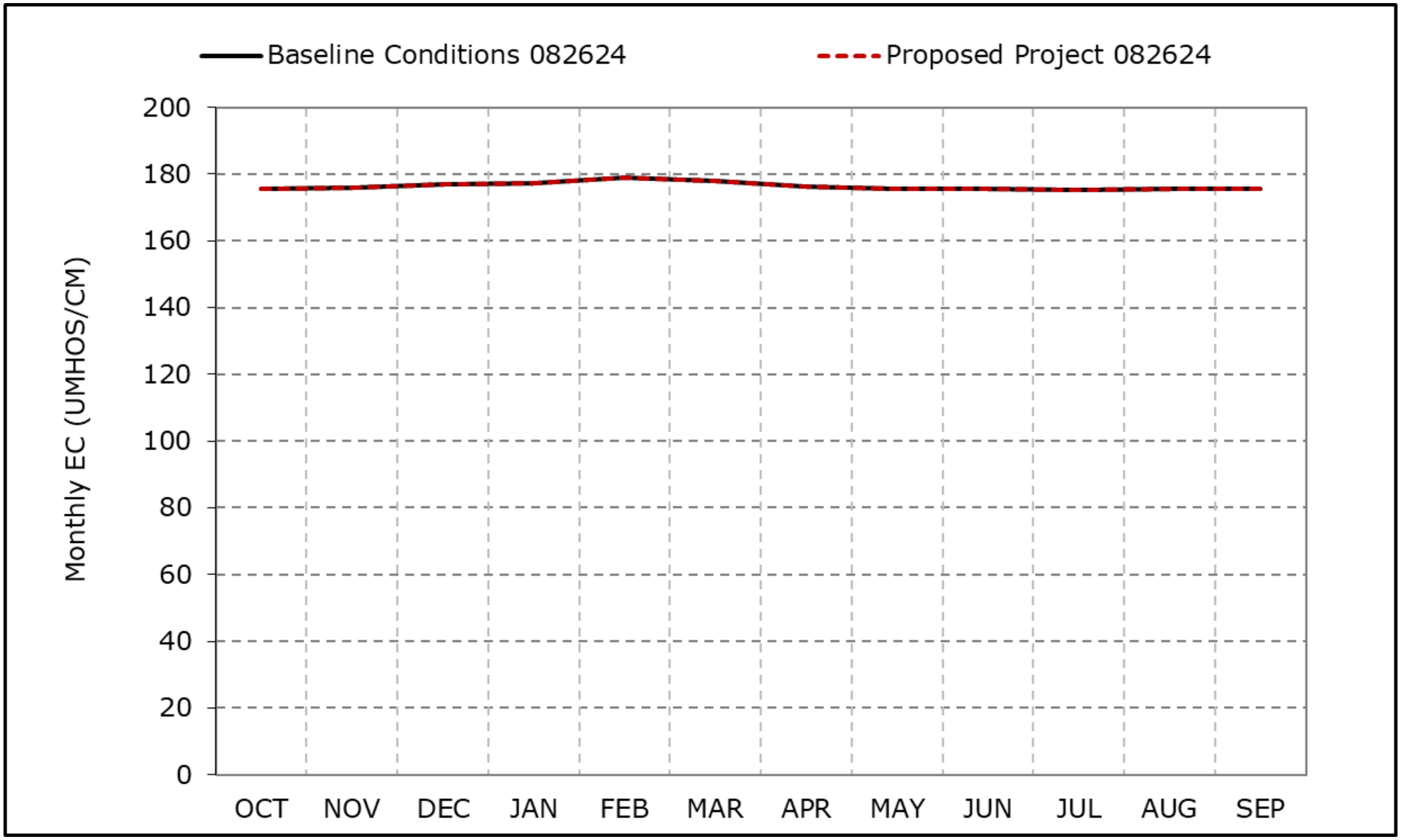
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1e. Sacramento River downstream of Steamboat Slough Salinity, Dry Year Average EC



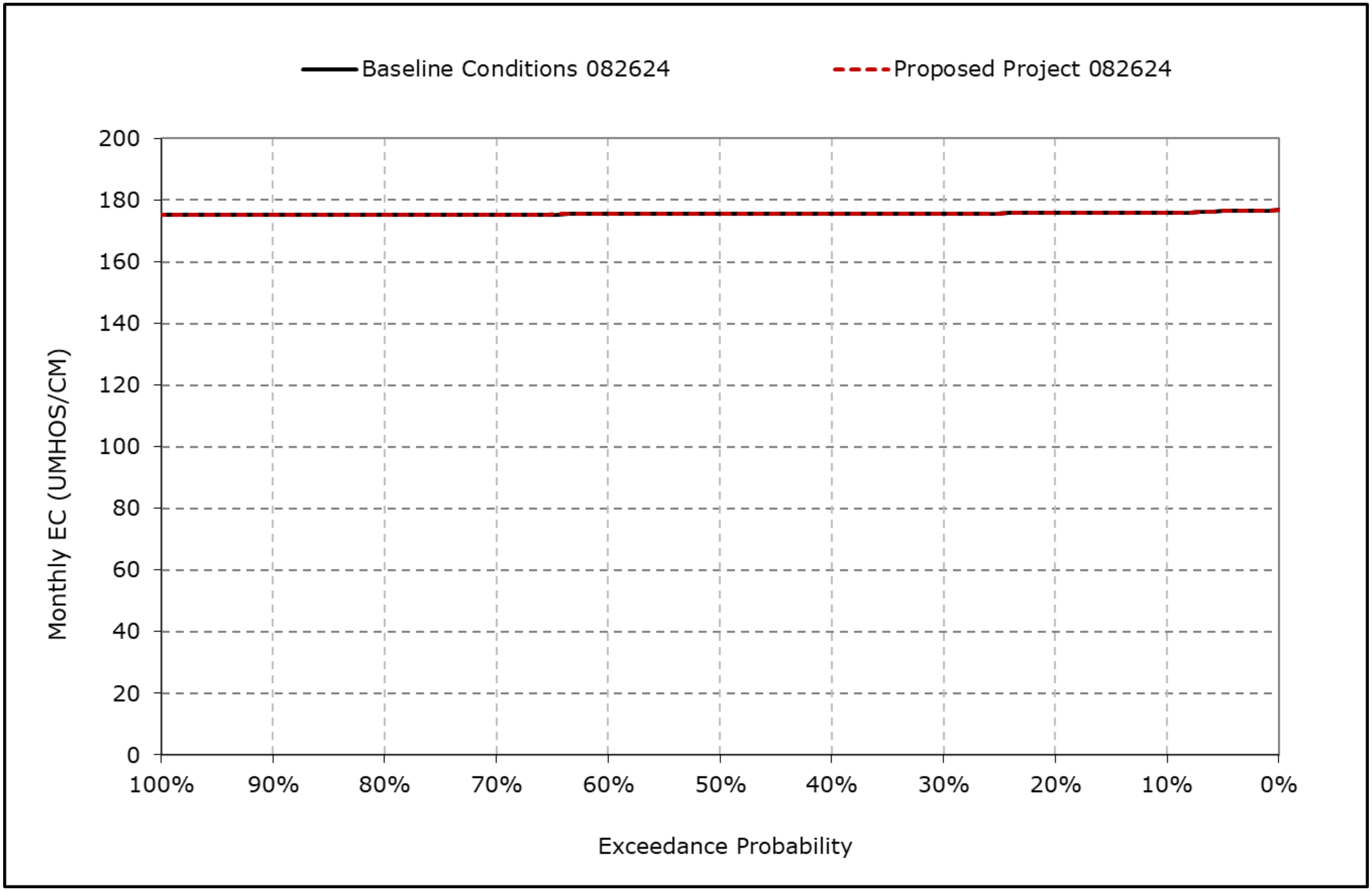
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1f. Sacramento River downstream of Steamboat Slough Salinity, Critical Year Average EC



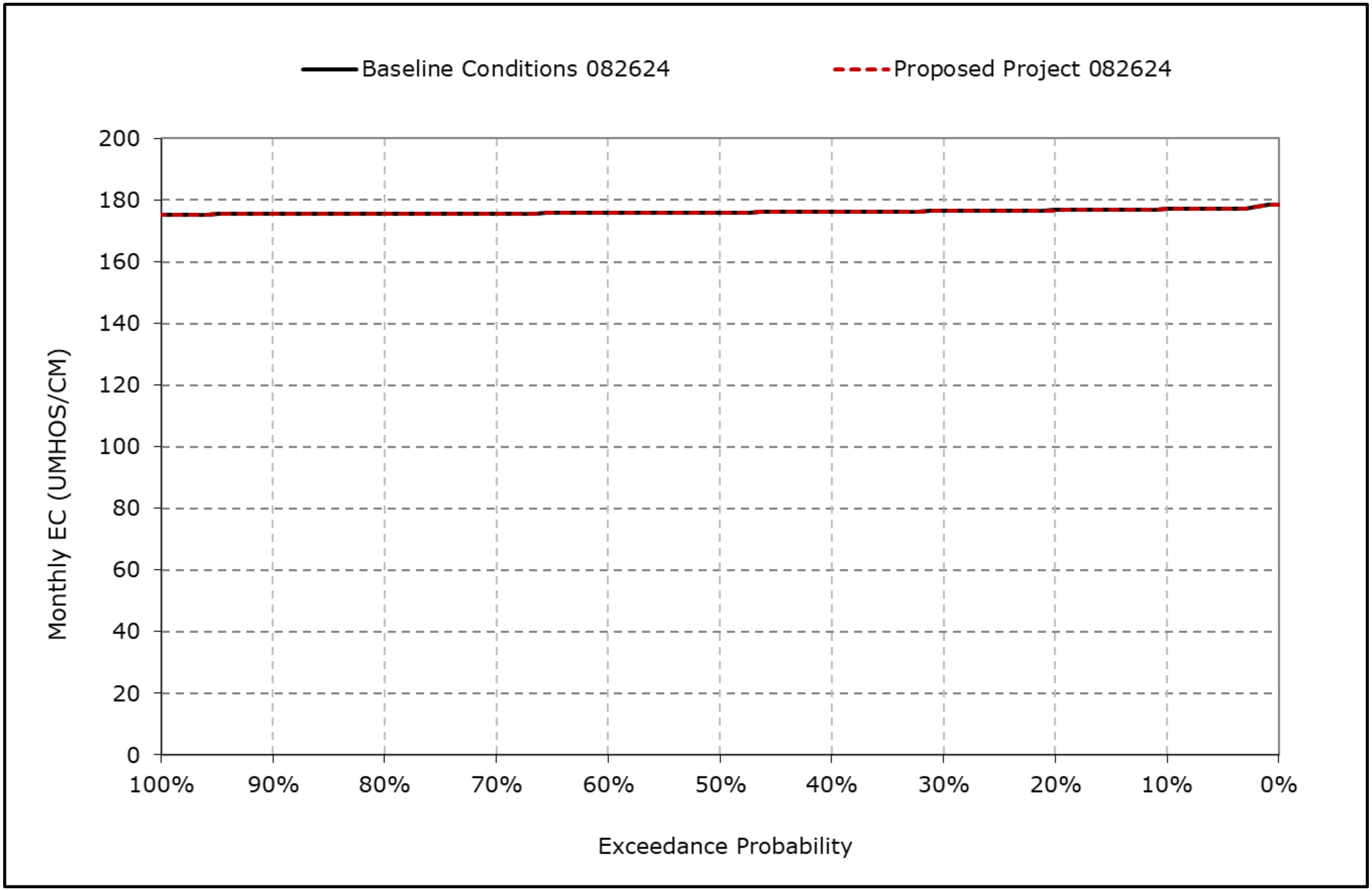
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1g. Sacramento River downstream of Steamboat Slough Salinity, October EC



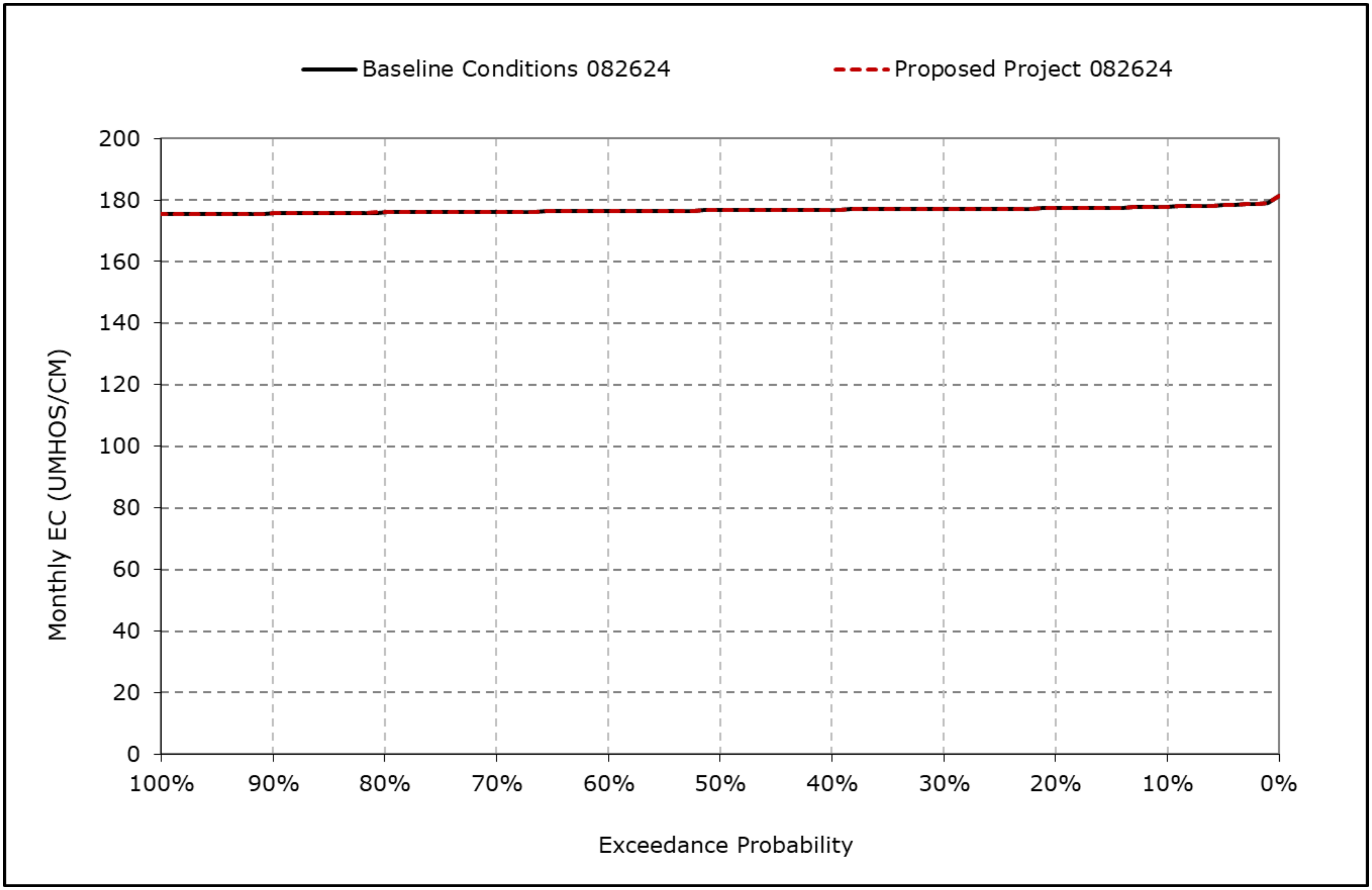
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1h. Sacramento River downstream of Steamboat Slough Salinity, November EC



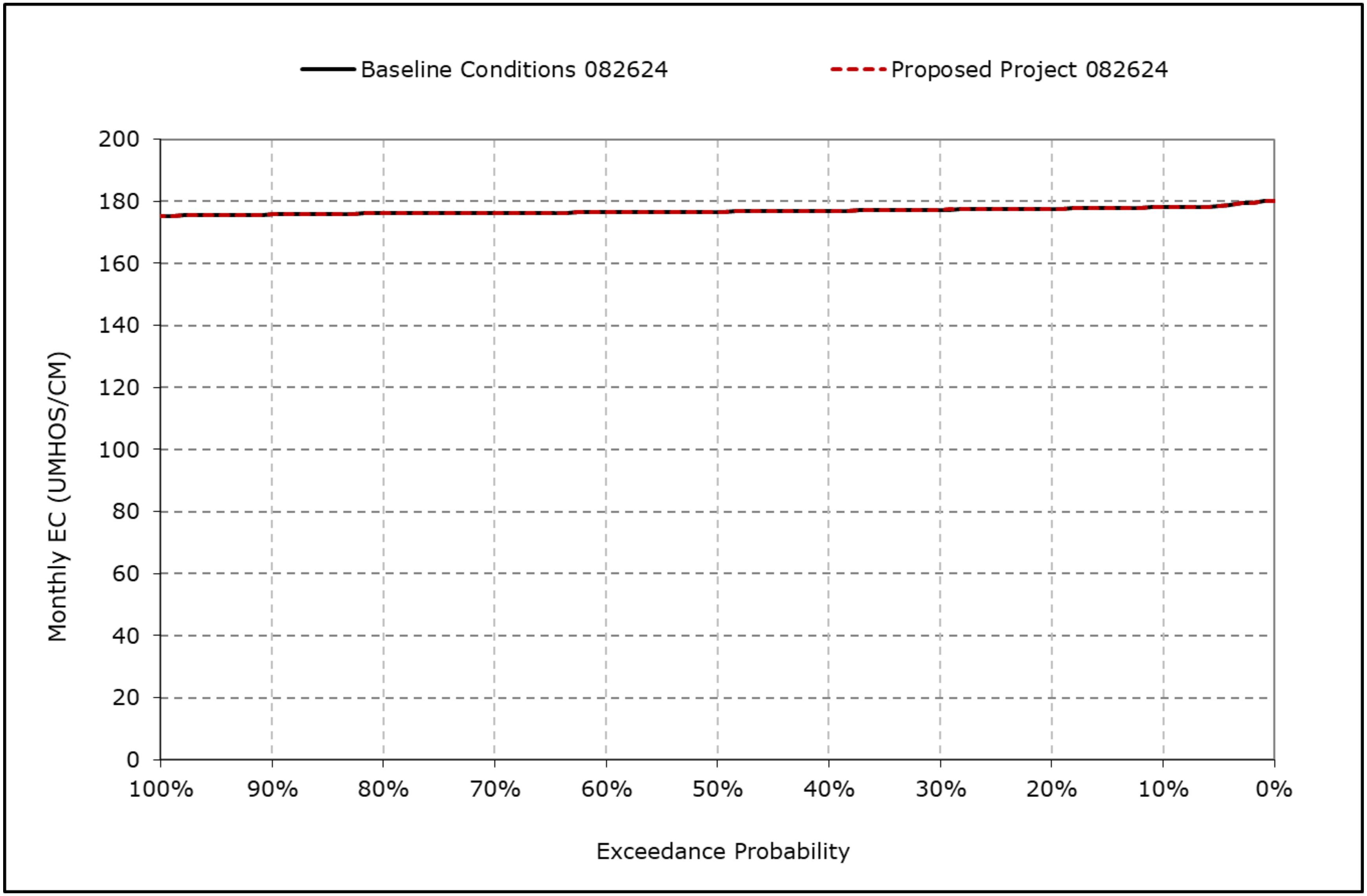
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1i. Sacramento River downstream of Steamboat Slough Salinity, December EC



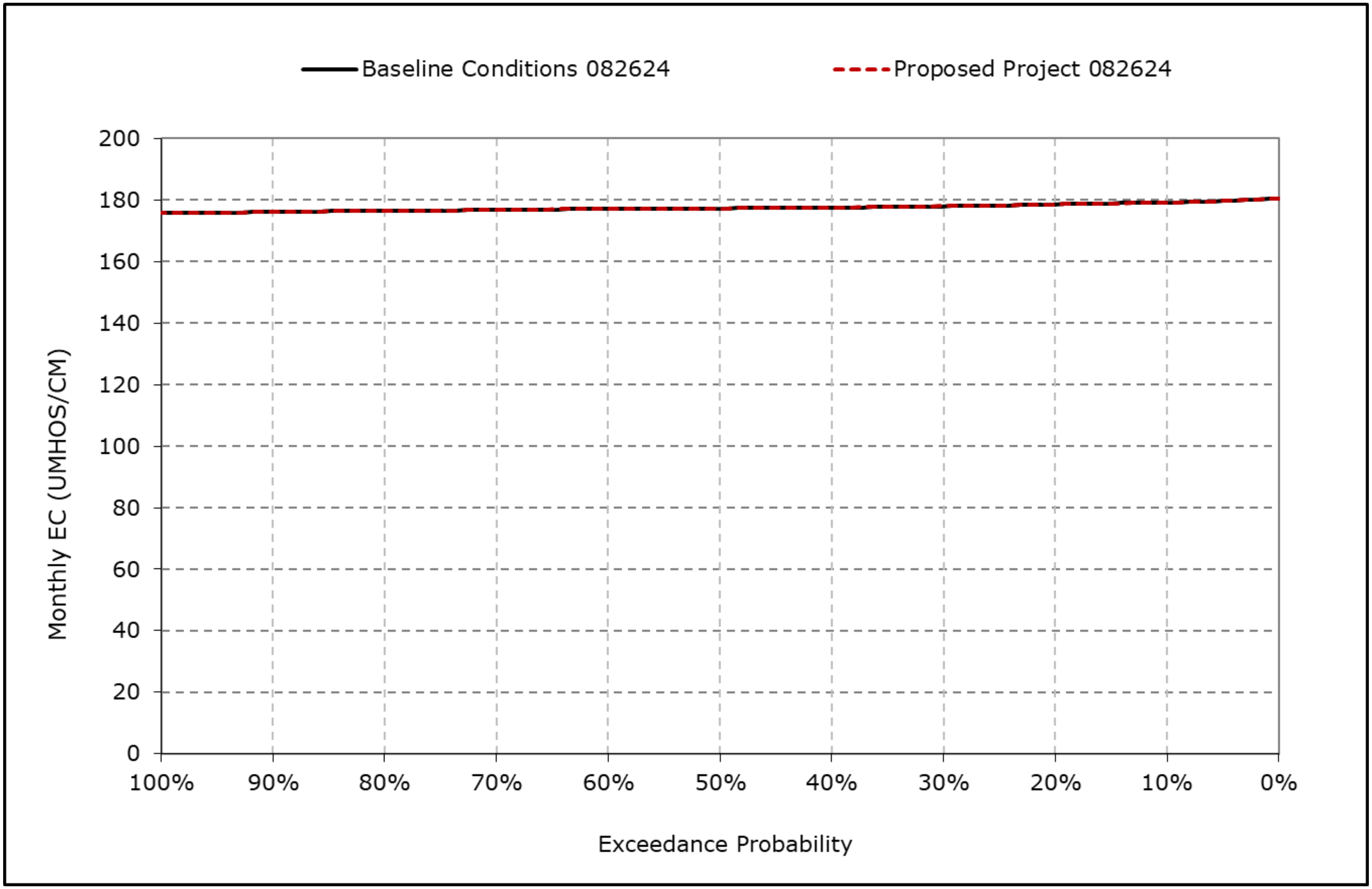
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1j. Sacramento River downstream of Steamboat Slough Salinity, January EC



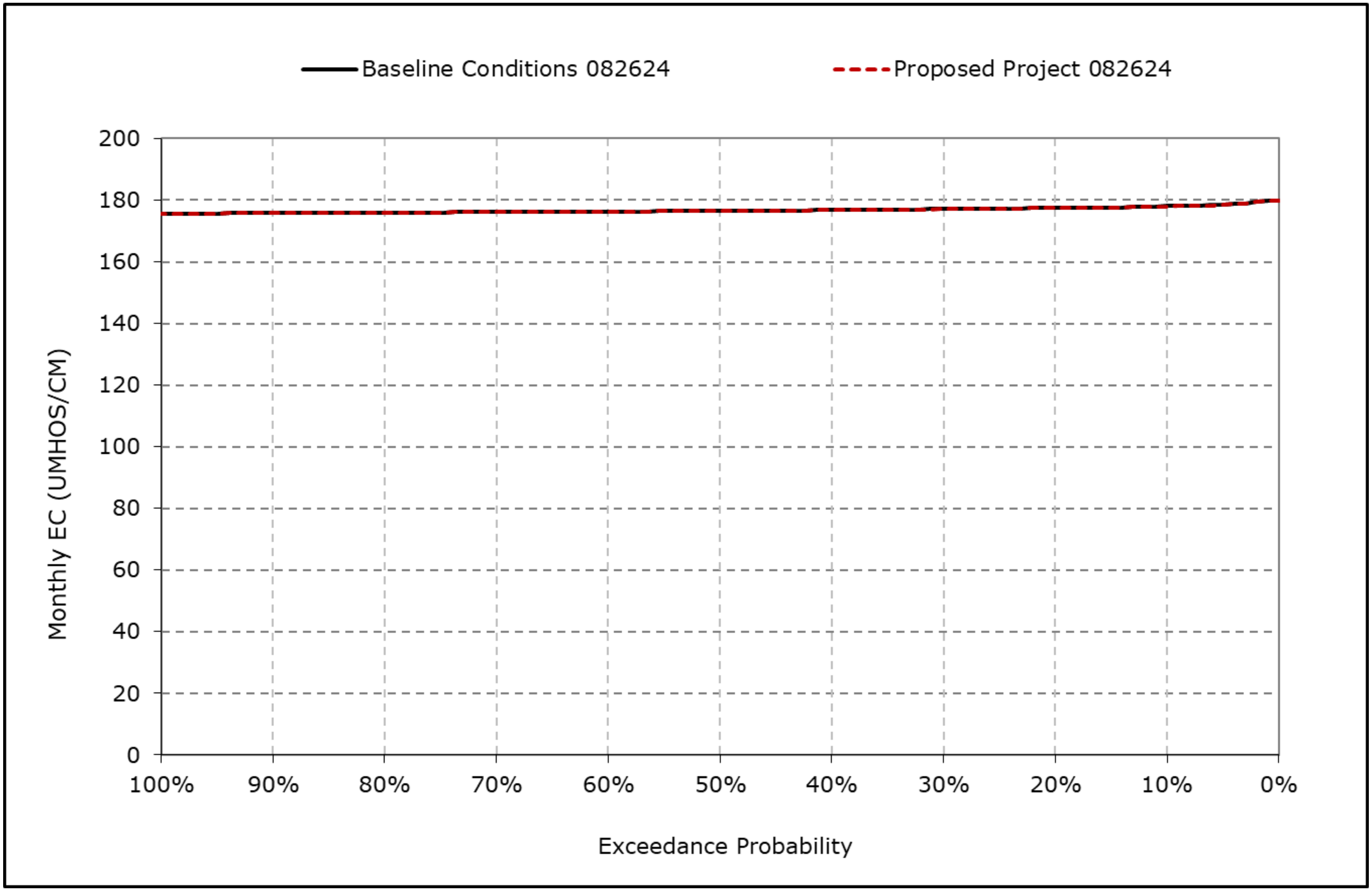
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1k. Sacramento River downstream of Steamboat Slough Salinity, February EC



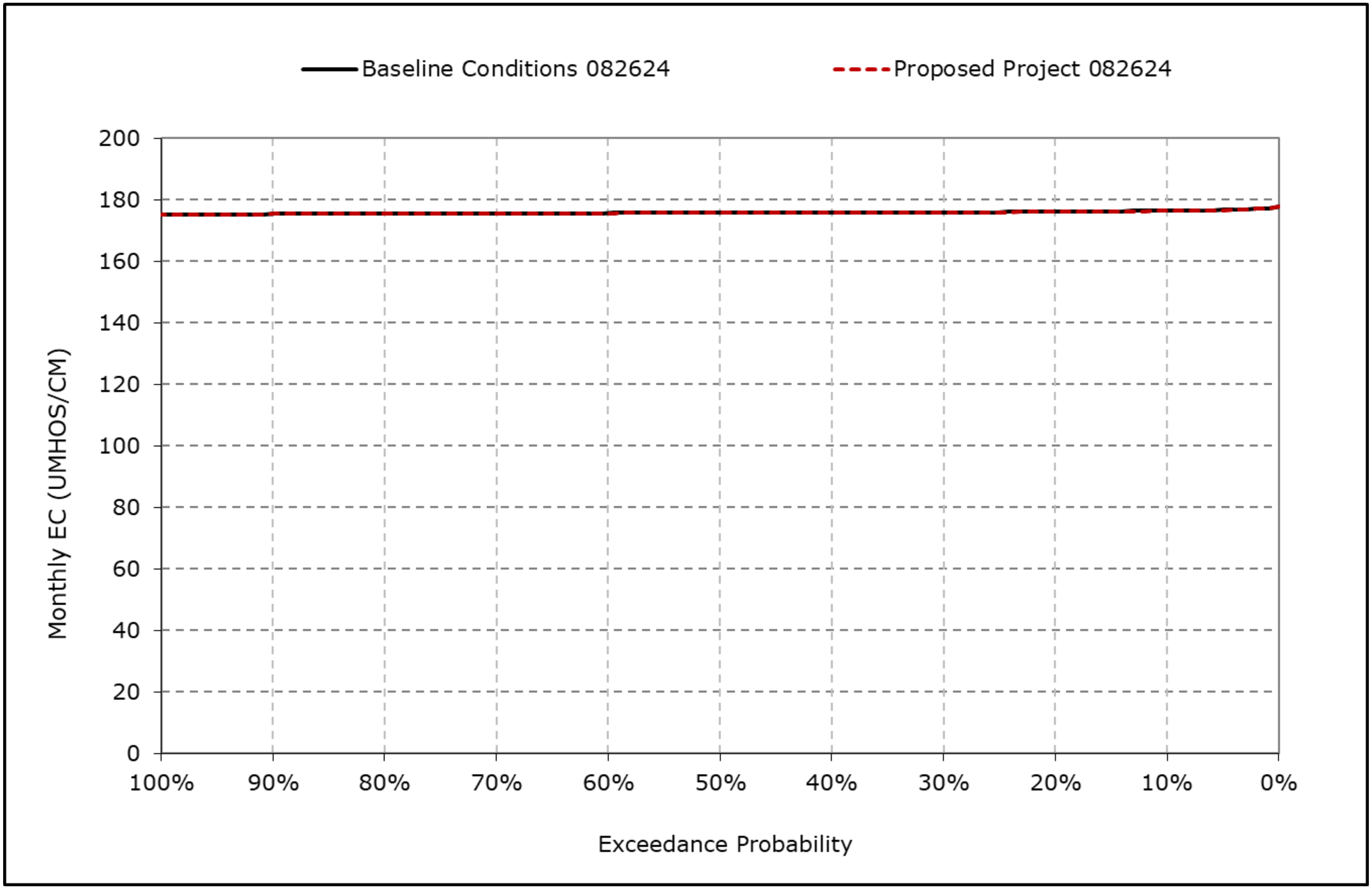
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1l. Sacramento River downstream of Steamboat Slough Salinity, March EC



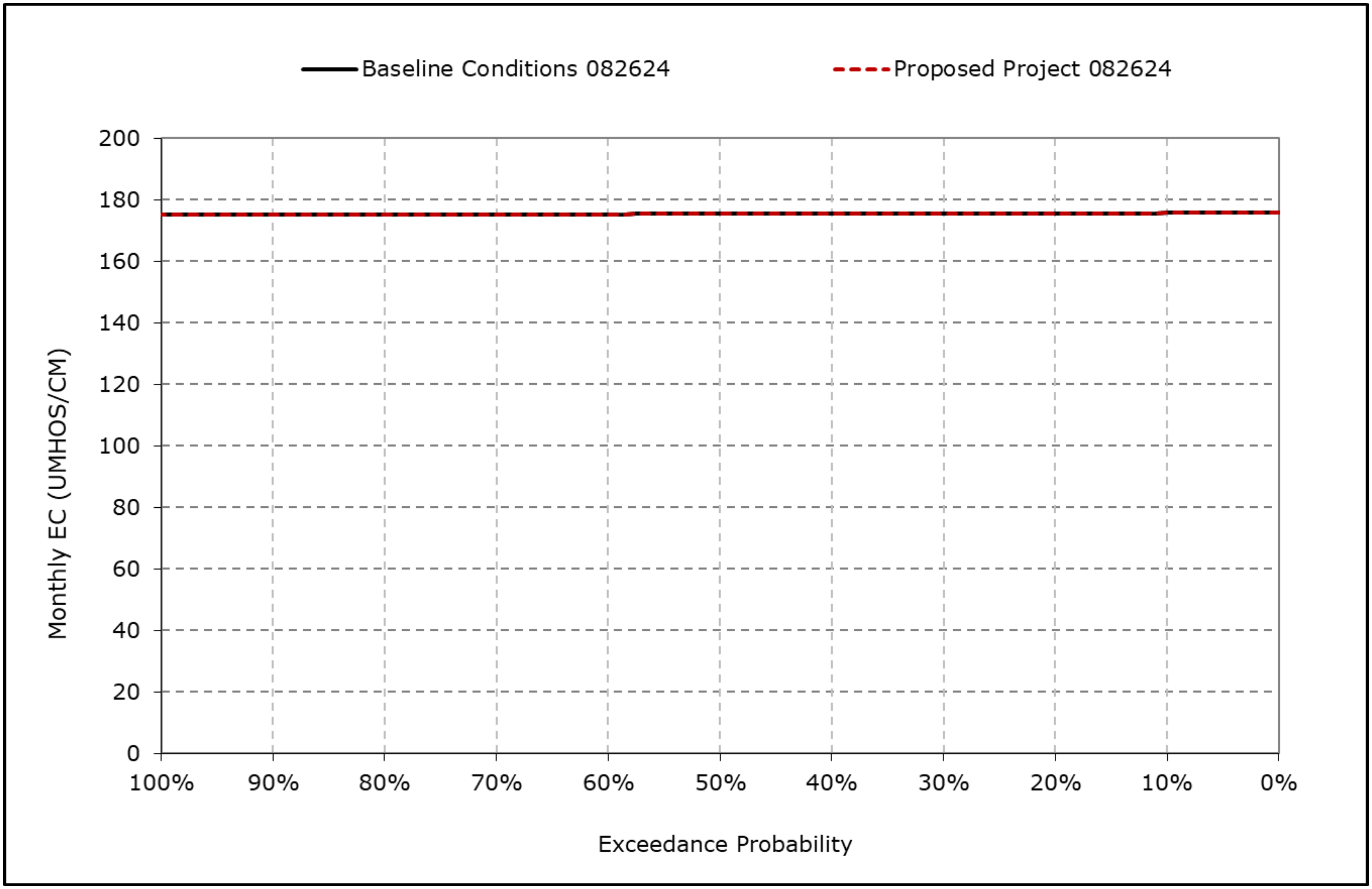
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1m. Sacramento River downstream of Steamboat Slough Salinity, April EC



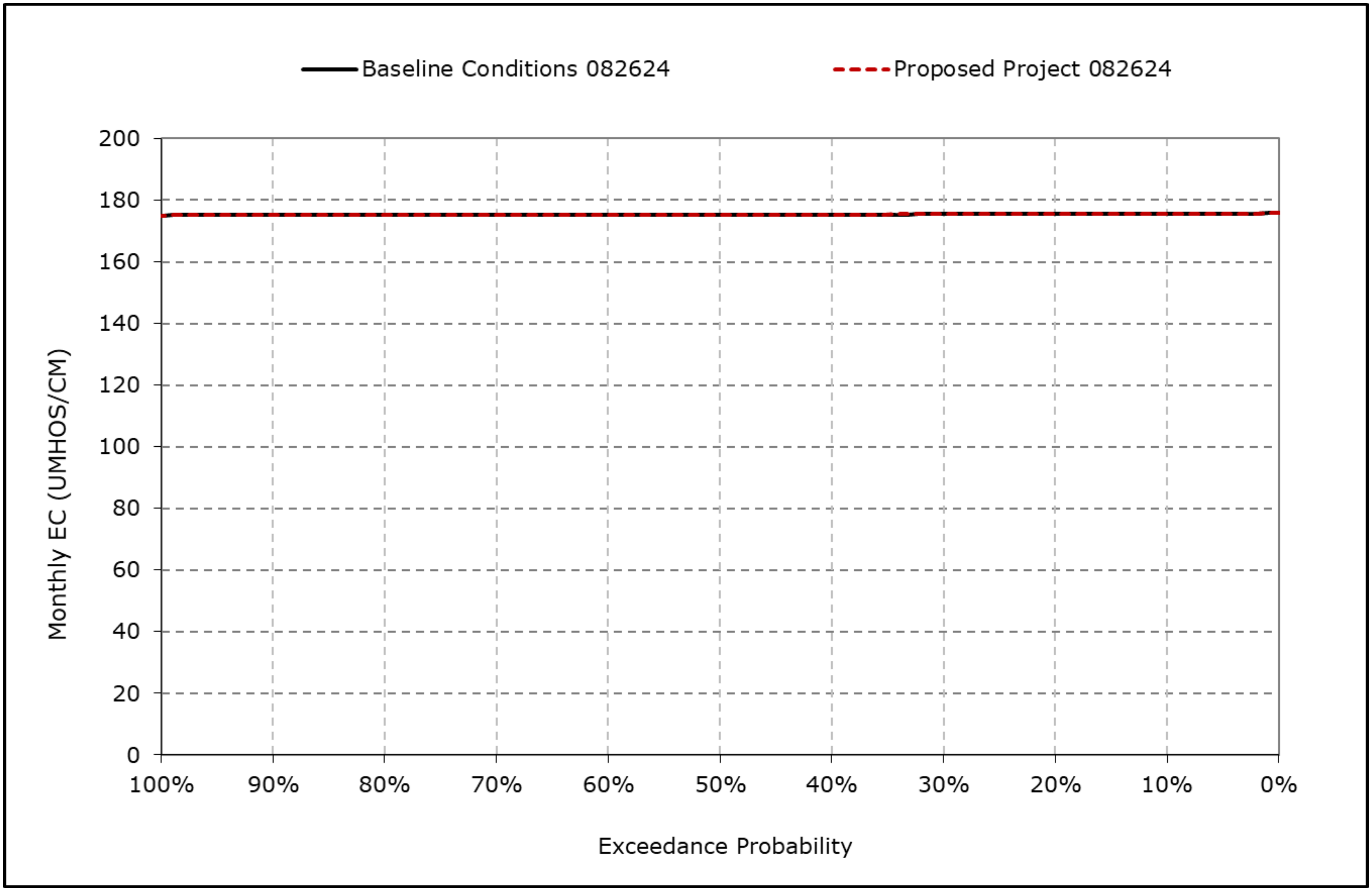
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1n. Sacramento River downstream of Steamboat Slough Salinity, May EC



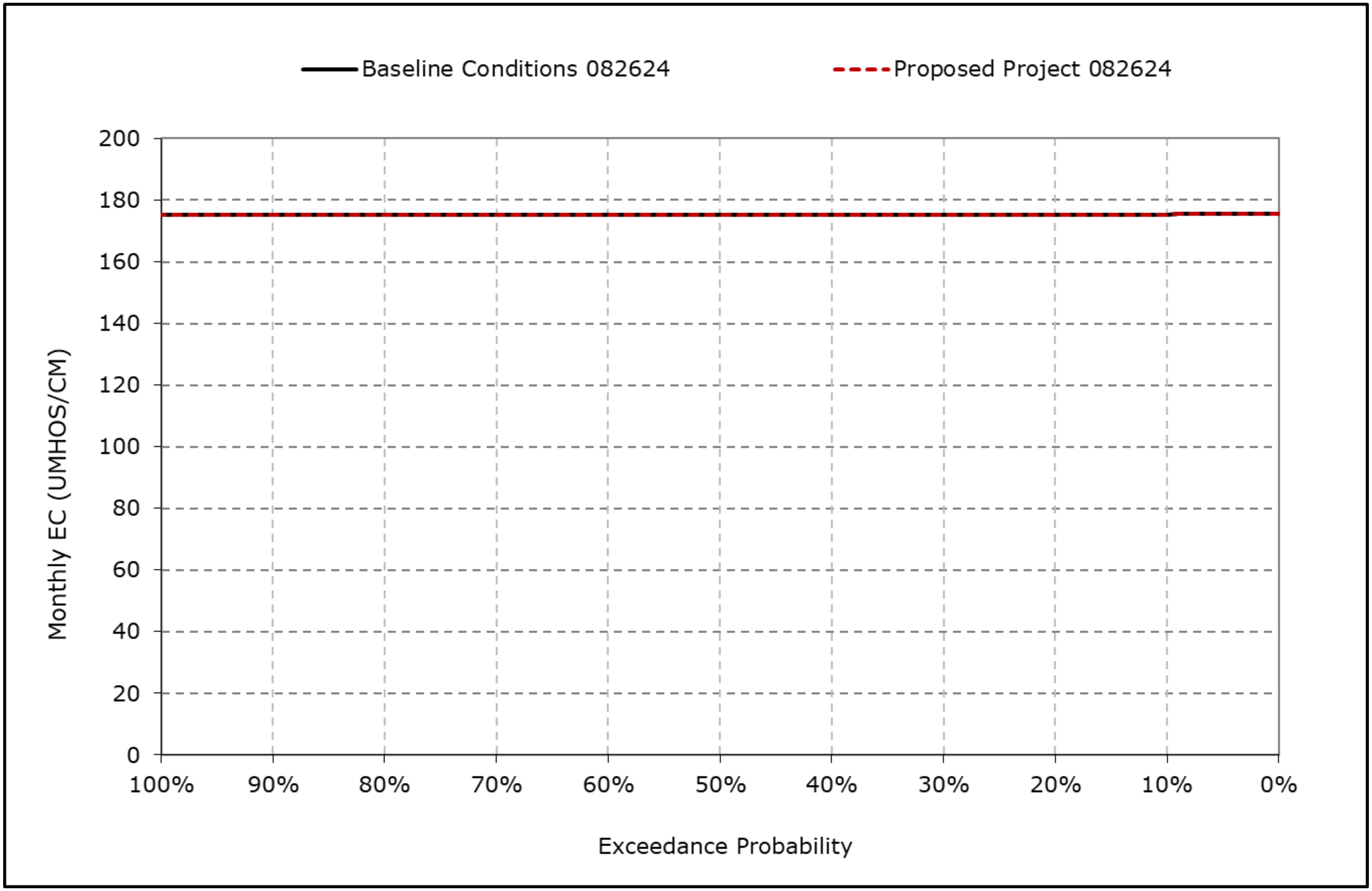
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1o. Sacramento River downstream of Steamboat Slough Salinity, June EC



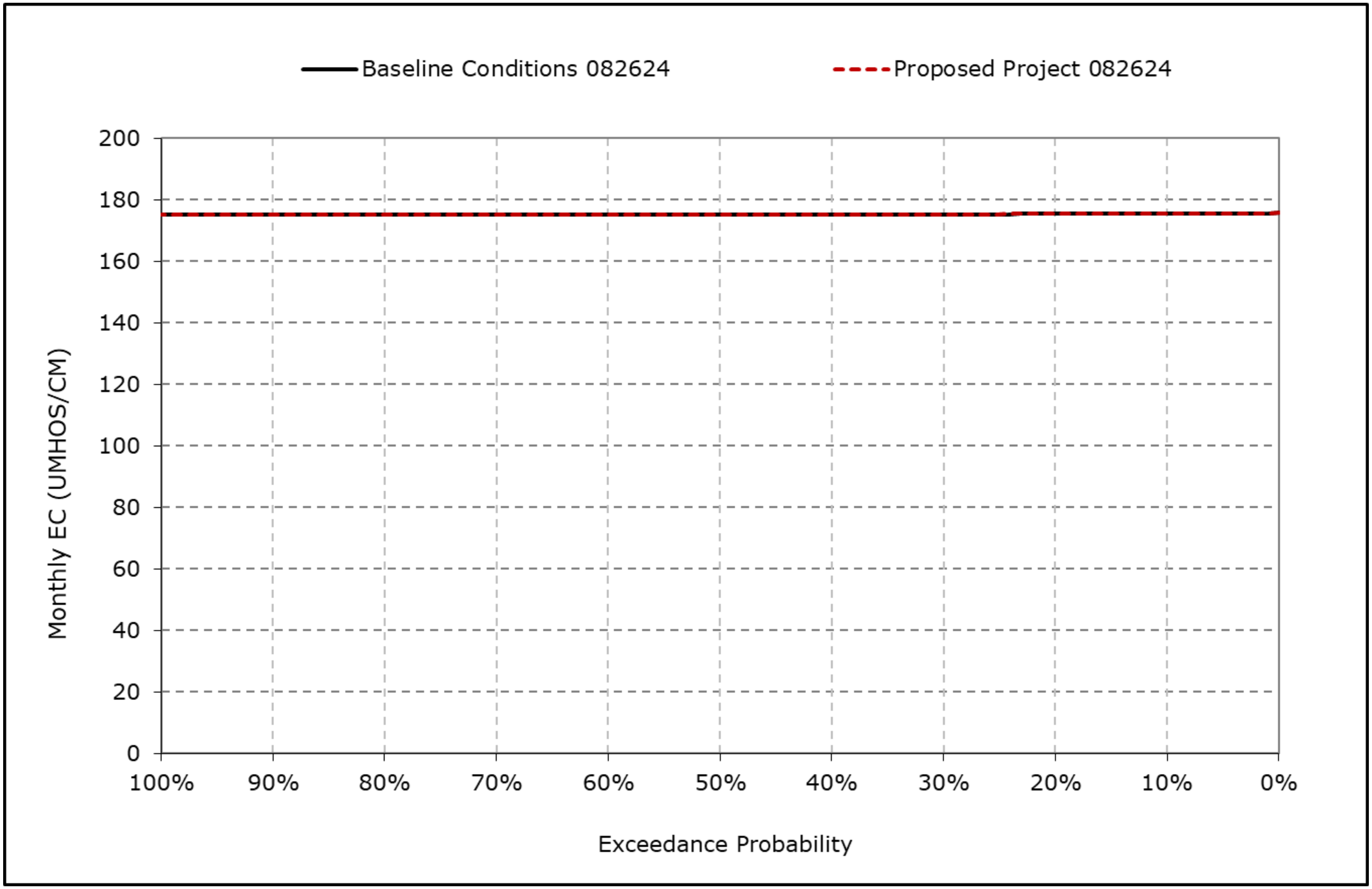
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1p. Sacramento River downstream of Steamboat Slough Salinity, July EC



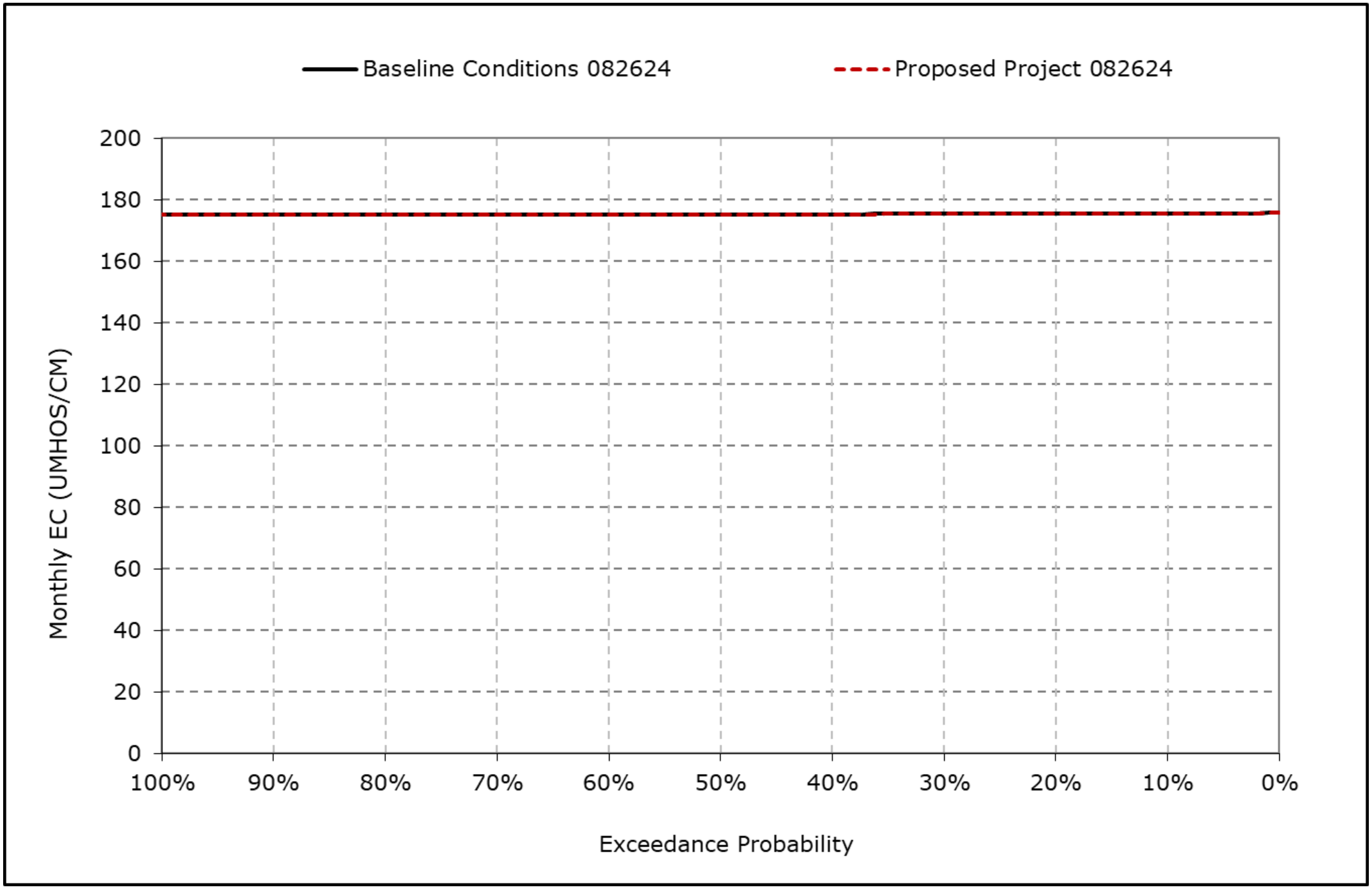
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-1q. Sacramento River downstream of Steamboat Slough Salinity, August EC



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

Figure 4B-6-1r. Sacramento River downstream of Steamboat Slough Salinity, September EC



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

Table 4B-6-2-1a. Cache Slough at Ryer Island Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	192	195	195	194	196	195	191	186	189	185	191	187
20% Exceedance	188	191	192	191	194	193	190	184	183	182	186	185
30% Exceedance	185	190	190	190	192	191	188	183	182	180	183	183
40% Exceedance	185	187	188	187	189	189	187	183	182	180	180	182
50% Exceedance	183	185	186	186	187	187	186	182	182	179	180	180
60% Exceedance	181	184	185	185	186	185	184	182	181	179	179	179
70% Exceedance	180	183	184	184	183	182	183	180	180	179	179	179
80% Exceedance	180	181	182	180	181	181	182	179	179	179	179	179
90% Exceedance	179	181	181	179	179	179	180	178	178	179	179	179
Full Simulation Period Average[a]	184	187	187	186	188	187	186	182	182	181	182	182
Wet Water Years (32%)	182	185	184	181	181	181	181	179	179	179	179	179
Above Normal Years (9%)	184	189	188	185	186	184	183	180	180	179	179	179
Below Normal Years (20%)	183	186	188	188	189	187	186	182	182	179	180	181
Dry Water Years (21%)	184	186	188	189	192	191	189	184	182	180	183	183
Critical Water Years (18%)	188	193	192	191	195	195	190	187	189	187	191	188

Table 4B-6-2-1b. Cache Slough at Ryer Island Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

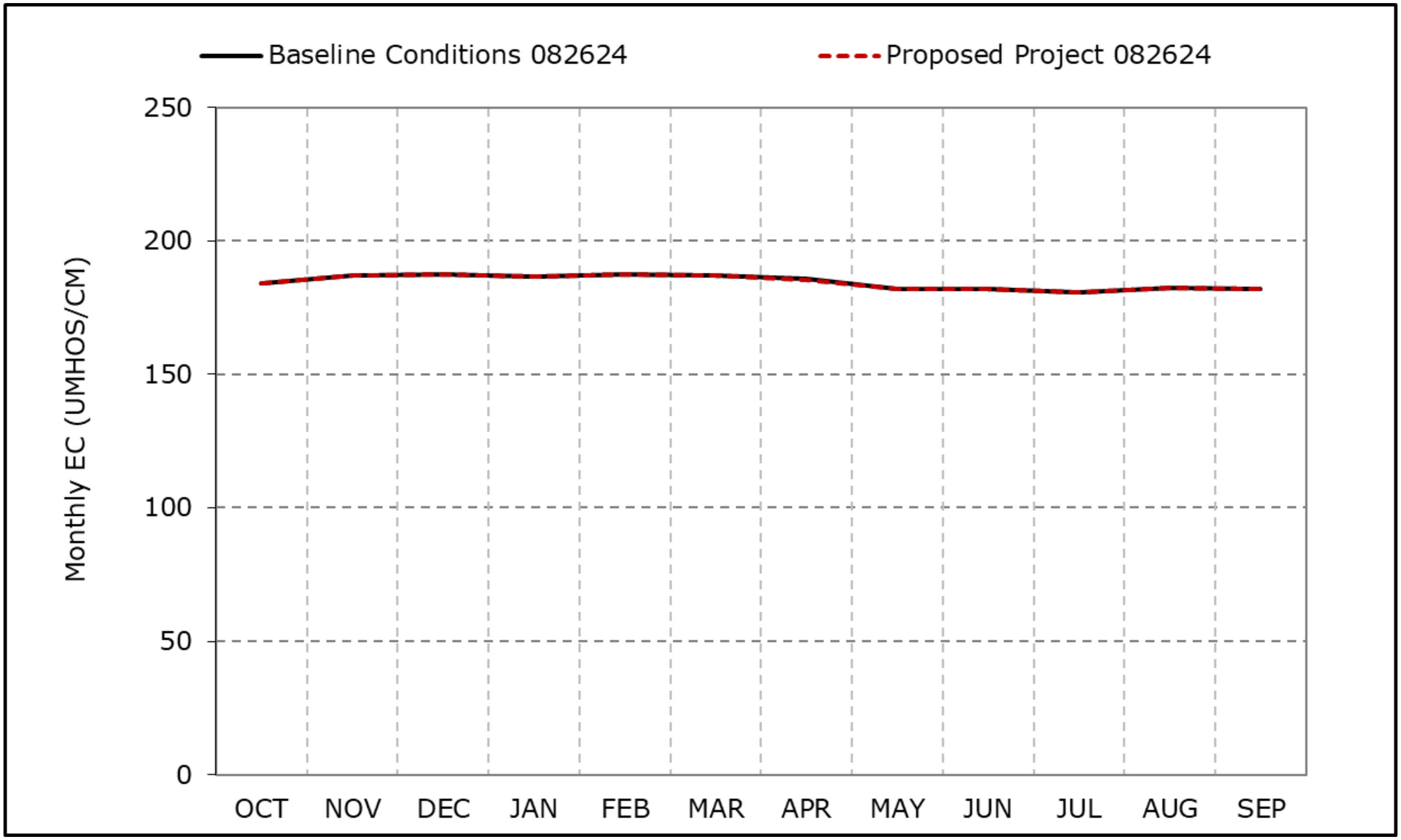
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	192	195	195	194	196	195	191	186	190	185	190	187
20% Exceedance	188	191	192	191	194	193	190	184	183	182	186	186
30% Exceedance	186	190	189	190	192	191	188	183	182	180	183	183
40% Exceedance	185	187	188	187	189	189	187	183	182	180	181	182
50% Exceedance	184	185	186	186	188	187	186	182	182	179	180	180
60% Exceedance	181	184	185	185	185	185	184	182	181	179	179	179
70% Exceedance	180	183	184	184	183	182	183	180	180	179	179	179
80% Exceedance	180	182	182	180	181	181	182	179	179	179	179	179
90% Exceedance	179	181	181	179	179	179	180	178	178	179	179	179
Full Simulation Period Average[a]	184	187	187	186	188	187	186	182	182	181	182	182
Wet Water Years (32%)	183	185	184	181	181	181	181	179	179	179	179	179
Above Normal Years (9%)	184	189	188	185	186	184	183	180	180	179	179	179
Below Normal Years (20%)	183	186	188	188	189	187	186	182	182	179	180	181
Dry Water Years (21%)	184	186	188	189	192	191	189	183	182	180	184	184
Critical Water Years (18%)	188	193	192	191	195	195	191	187	189	187	190	188

Table 4B-6-2-1c. Cache Slough at Ryer Island Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	1	0	-1	0
20% Exceedance	0	0	0	0	0	0	0	0	0	0	1	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years (32%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (20%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years (21%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years (18%)	0	0	0	0	0	0	0	0	0	0	0	0

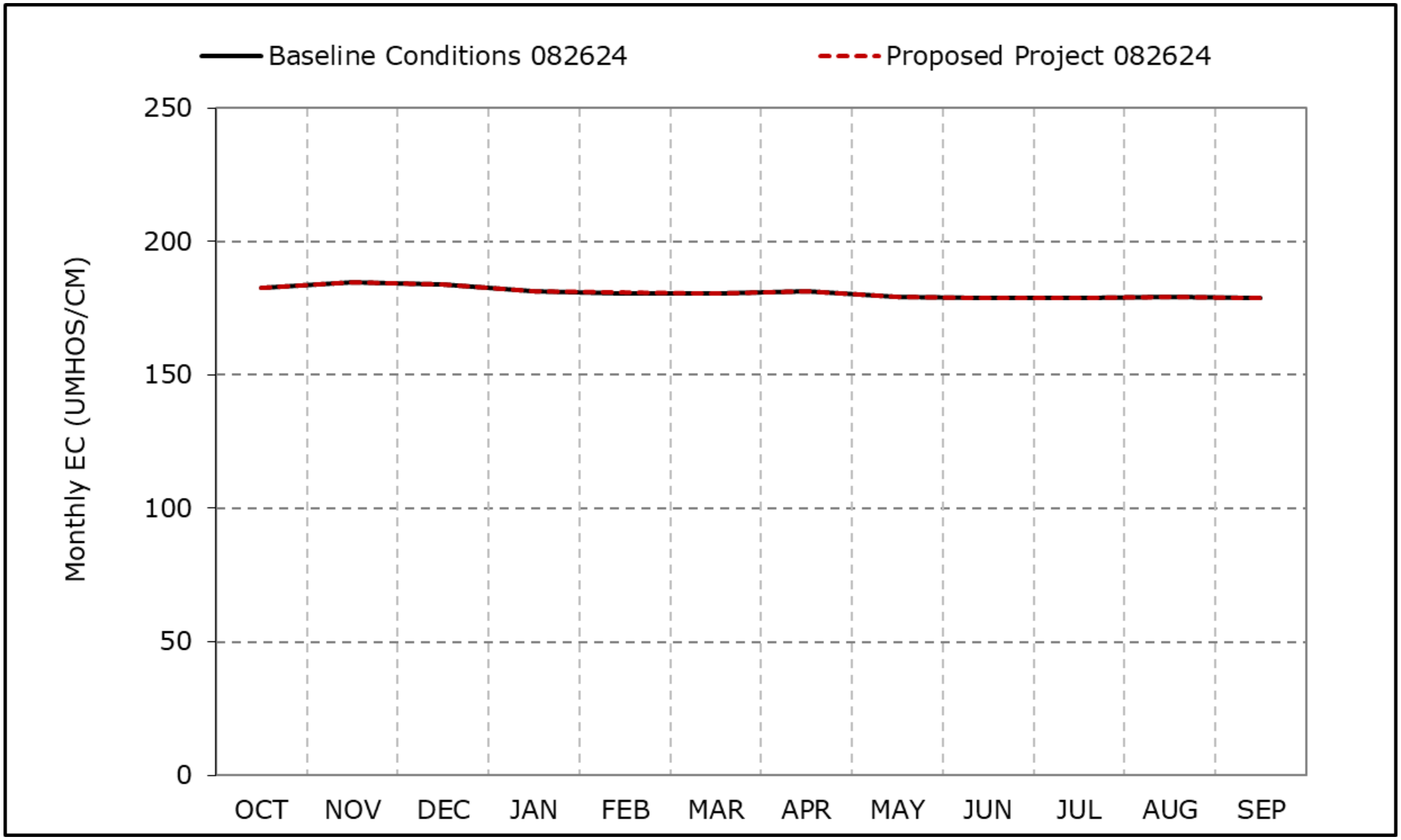
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-2a. Cache Slough at Ryer Island Salinity, Long-Term Average EC



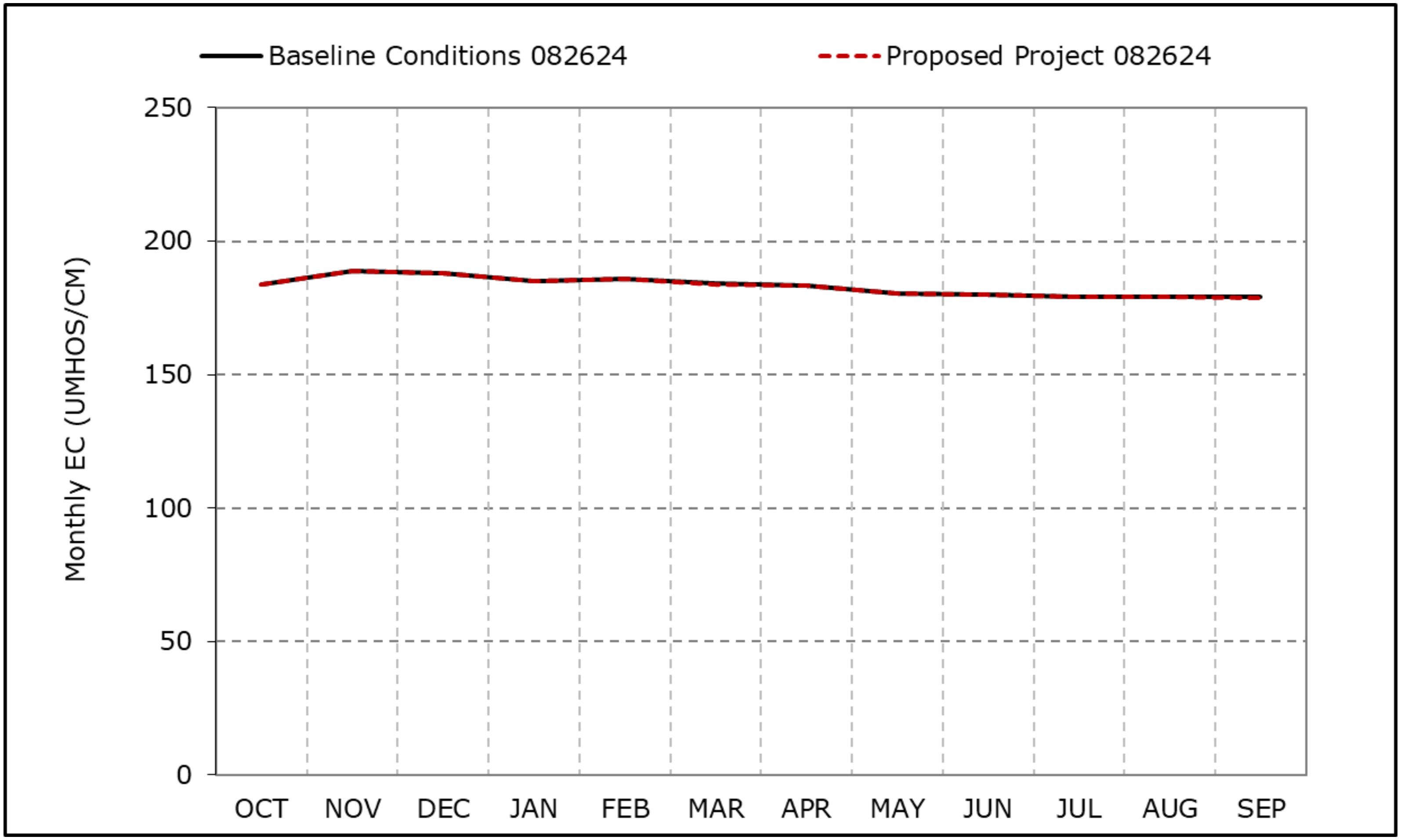
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2b. Cache Slough at Ryer Island Salinity, Wet Year Average EC



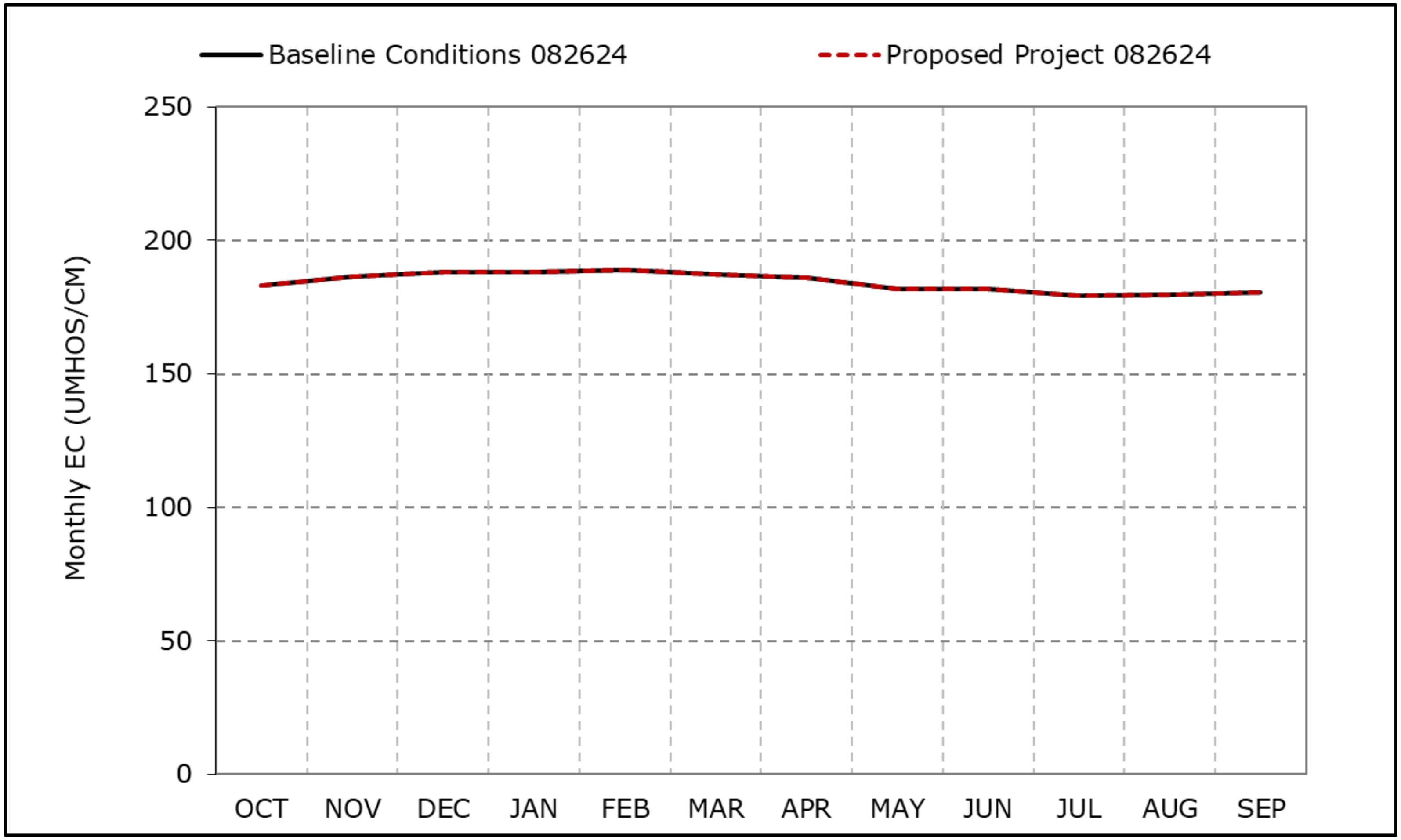
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2c. Cache Slough at Ryer Island Salinity, Above Normal Year Average EC



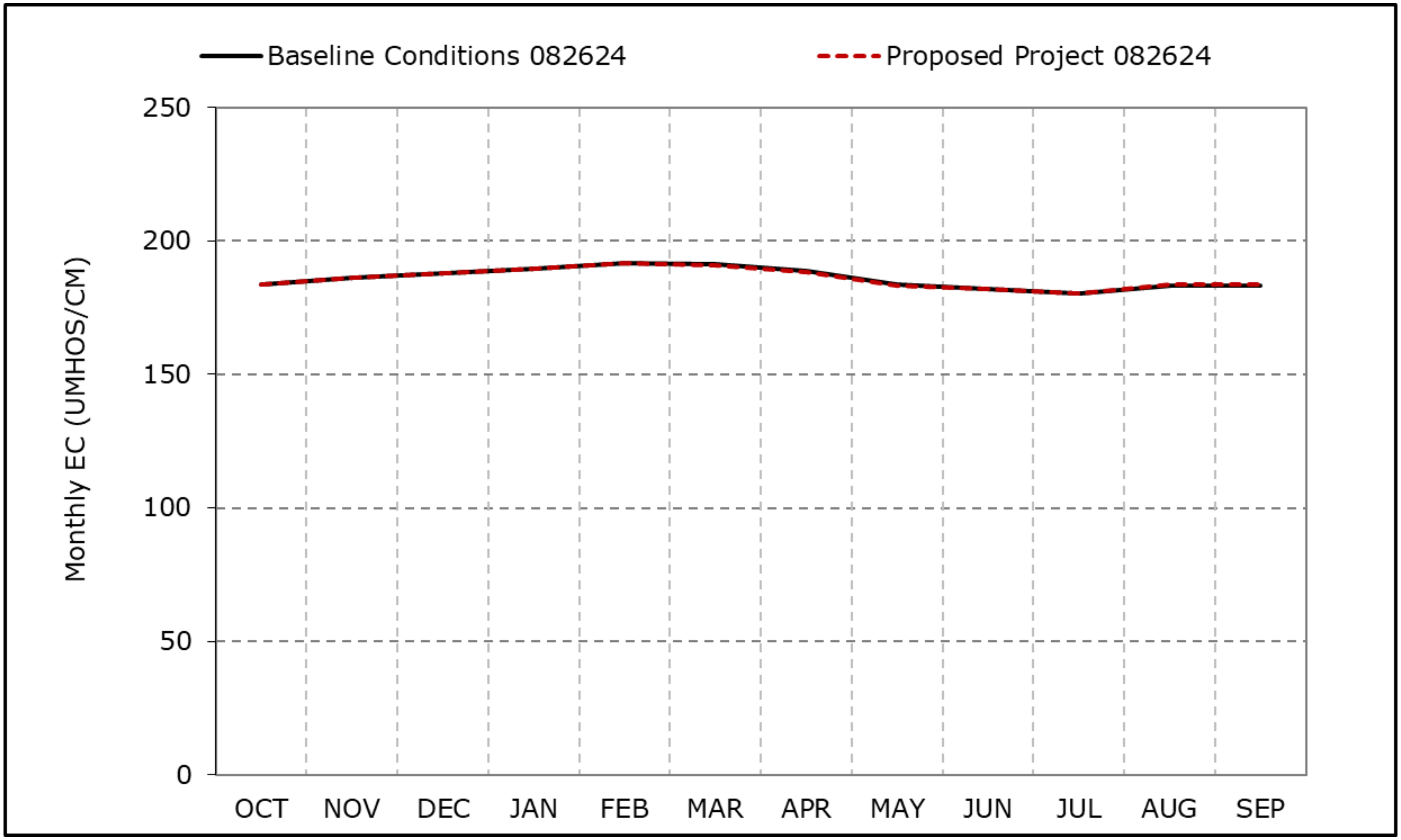
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2d. Cache Slough at Ryer Island Salinity, Below Normal Year Average EC



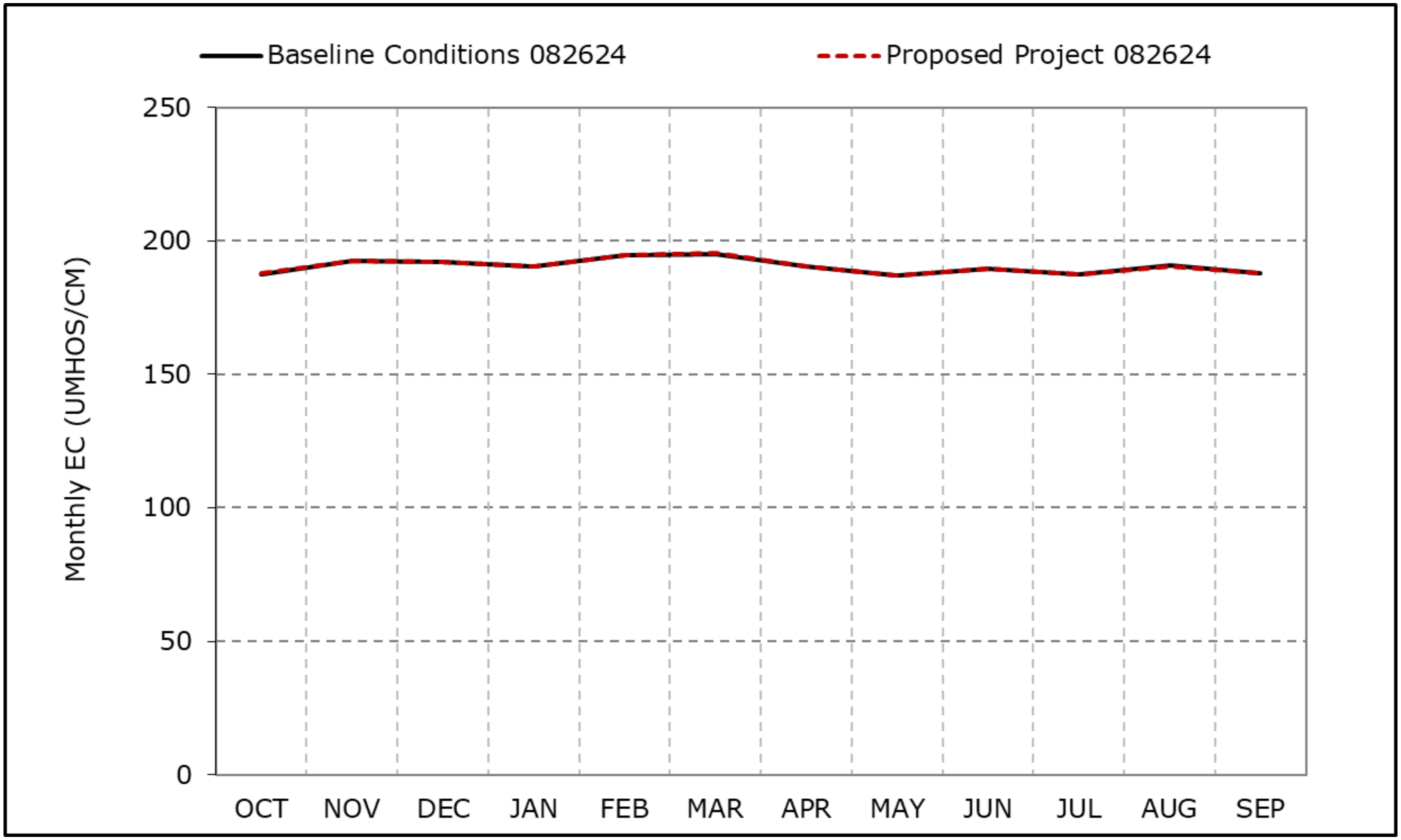
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2e. Cache Slough at Ryer Island Salinity, Dry Year Average EC



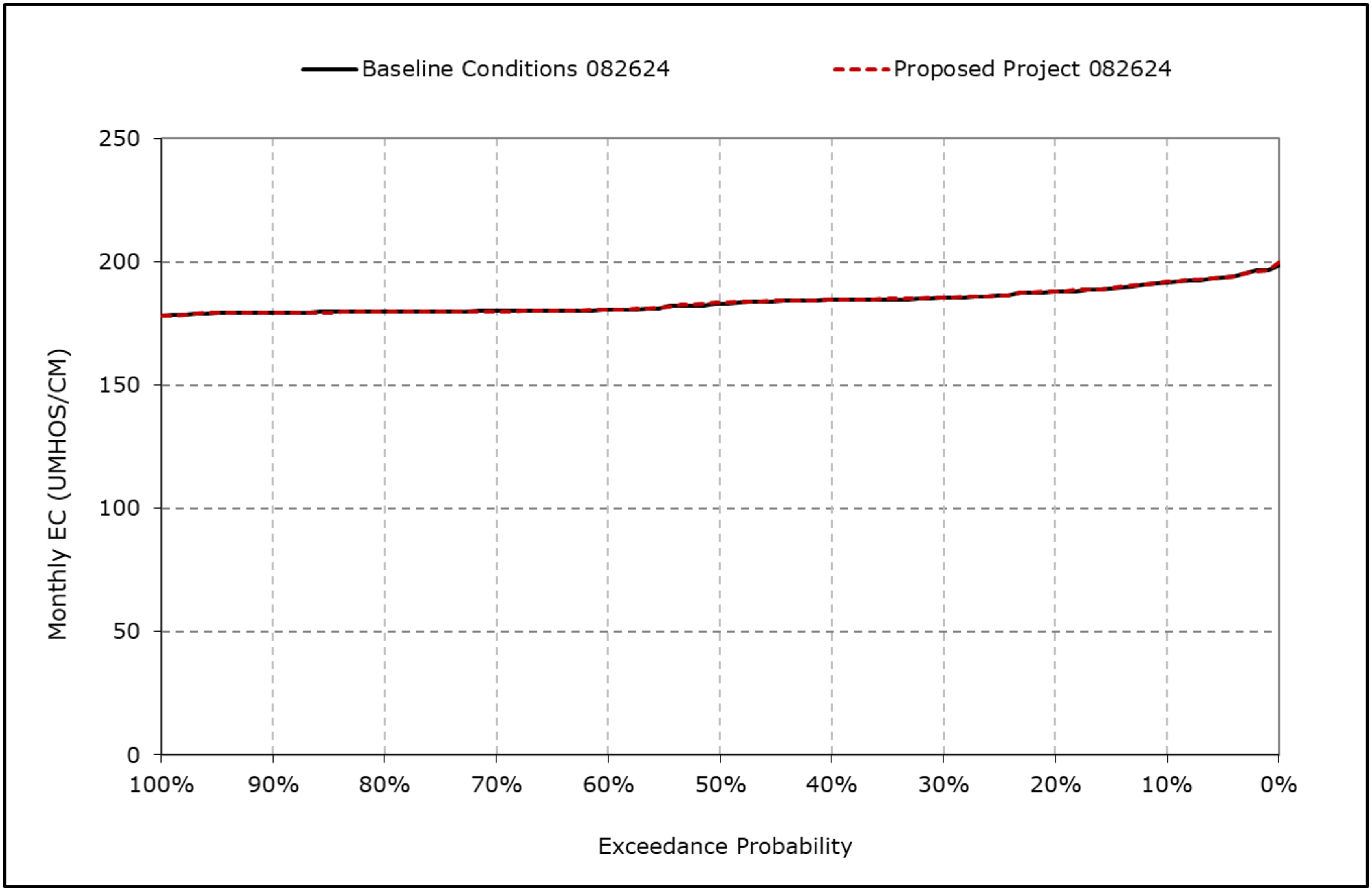
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2f. Cache Slough at Ryer Island Salinity, Critical Year Average EC



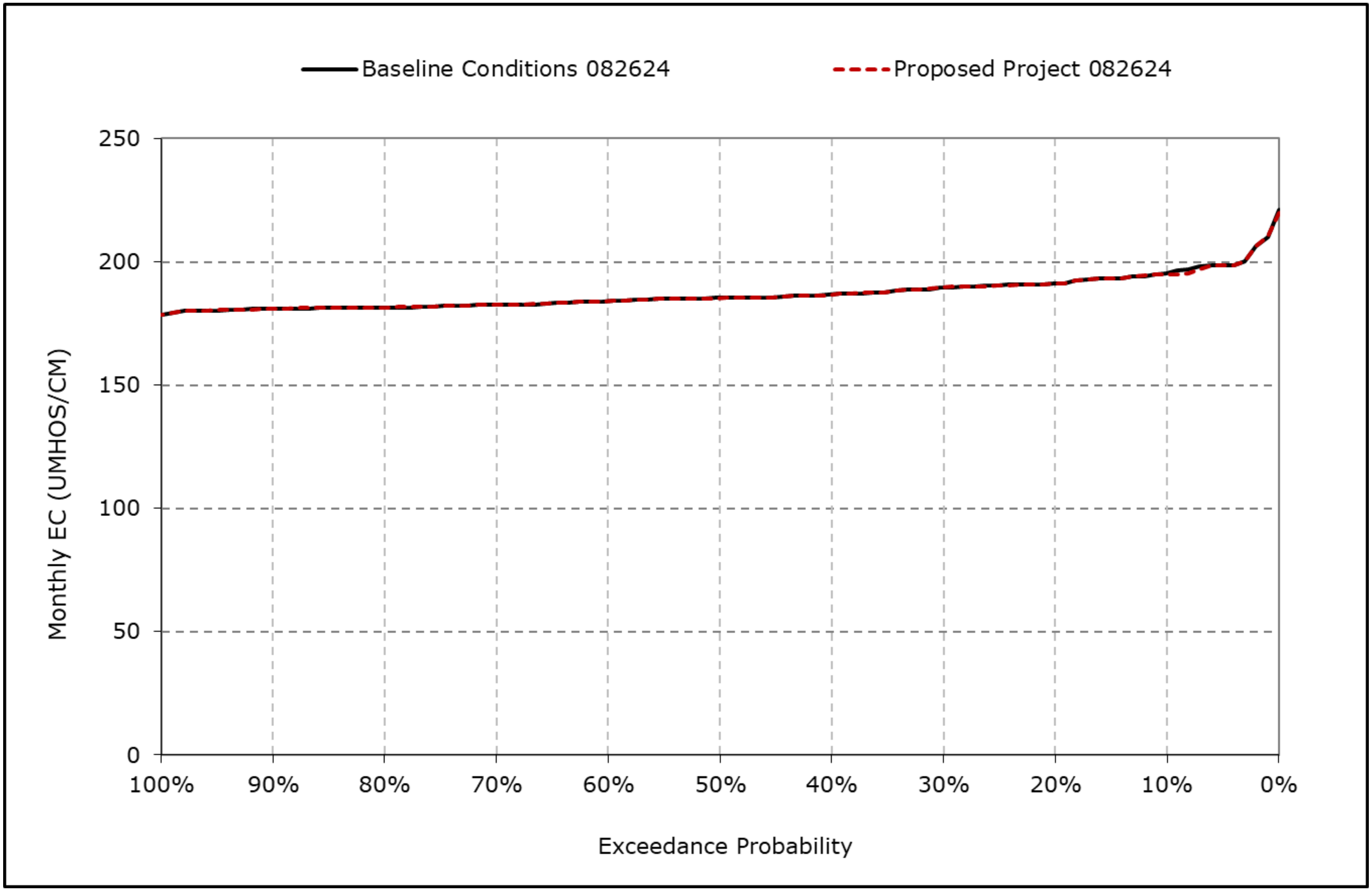
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2g. Cache Slough at Ryer Island Salinity, October EC



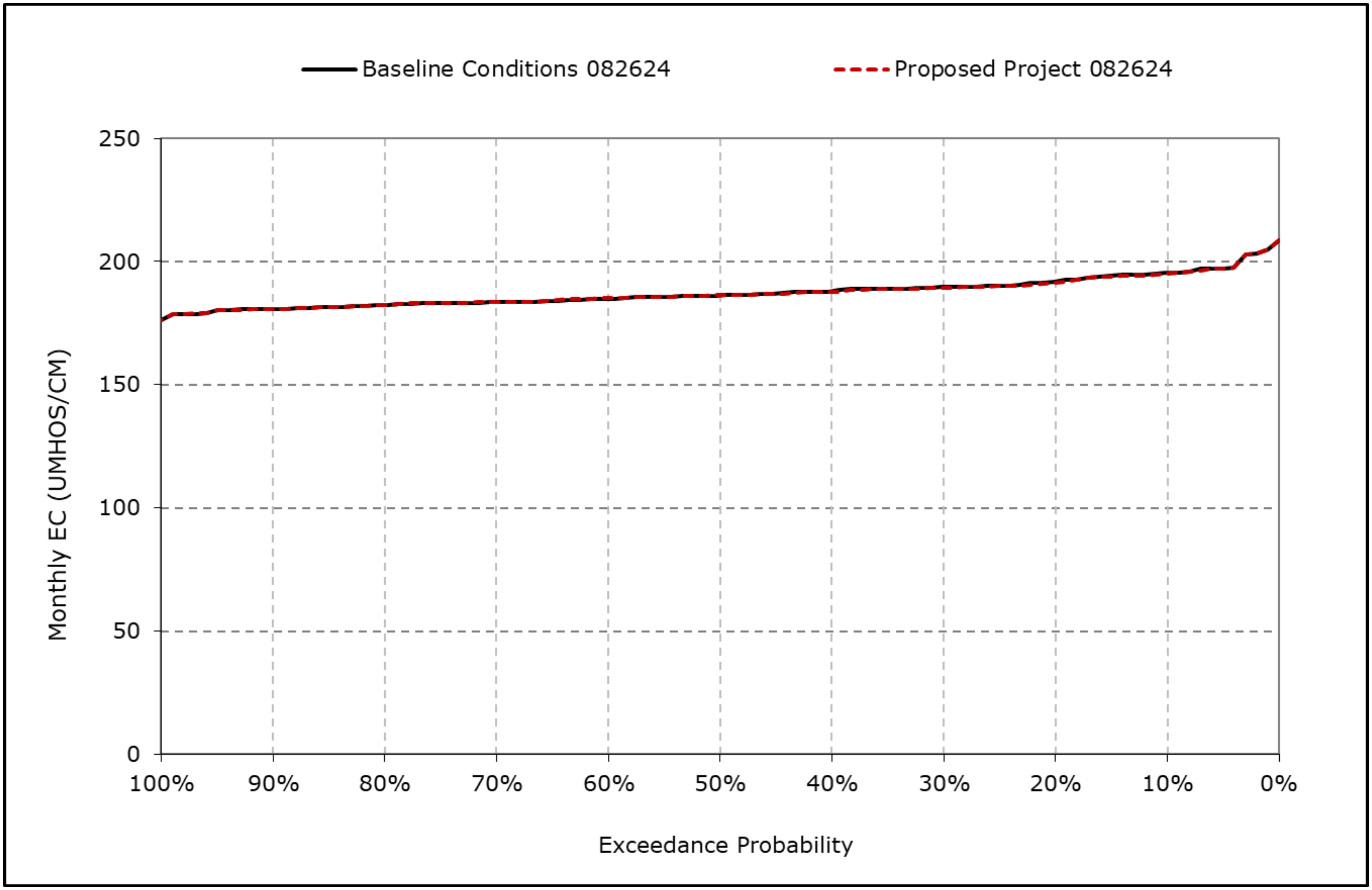
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2h. Cache Slough at Ryer Island Salinity, November EC



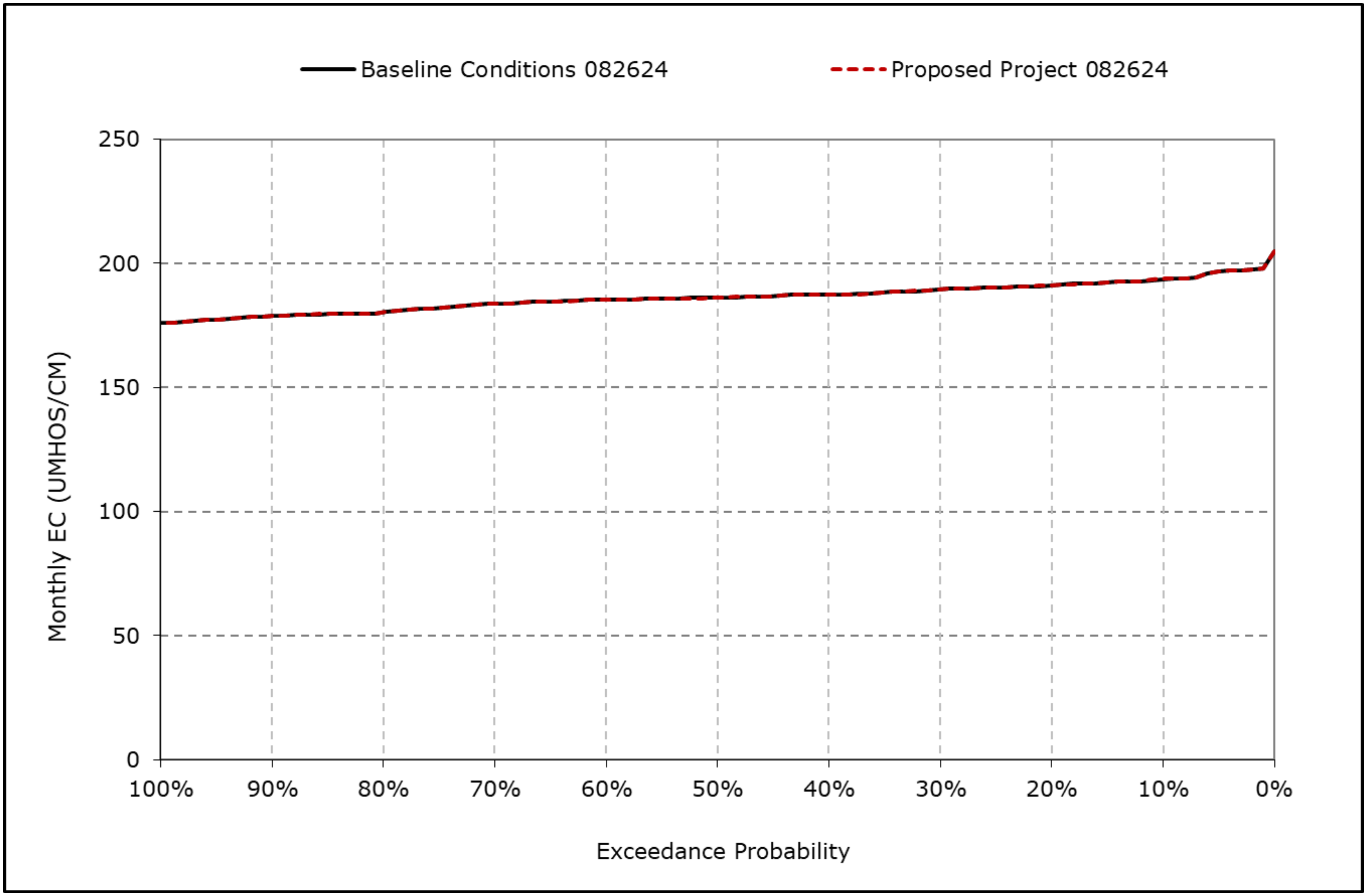
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2i. Cache Slough at Ryer Island Salinity, December EC



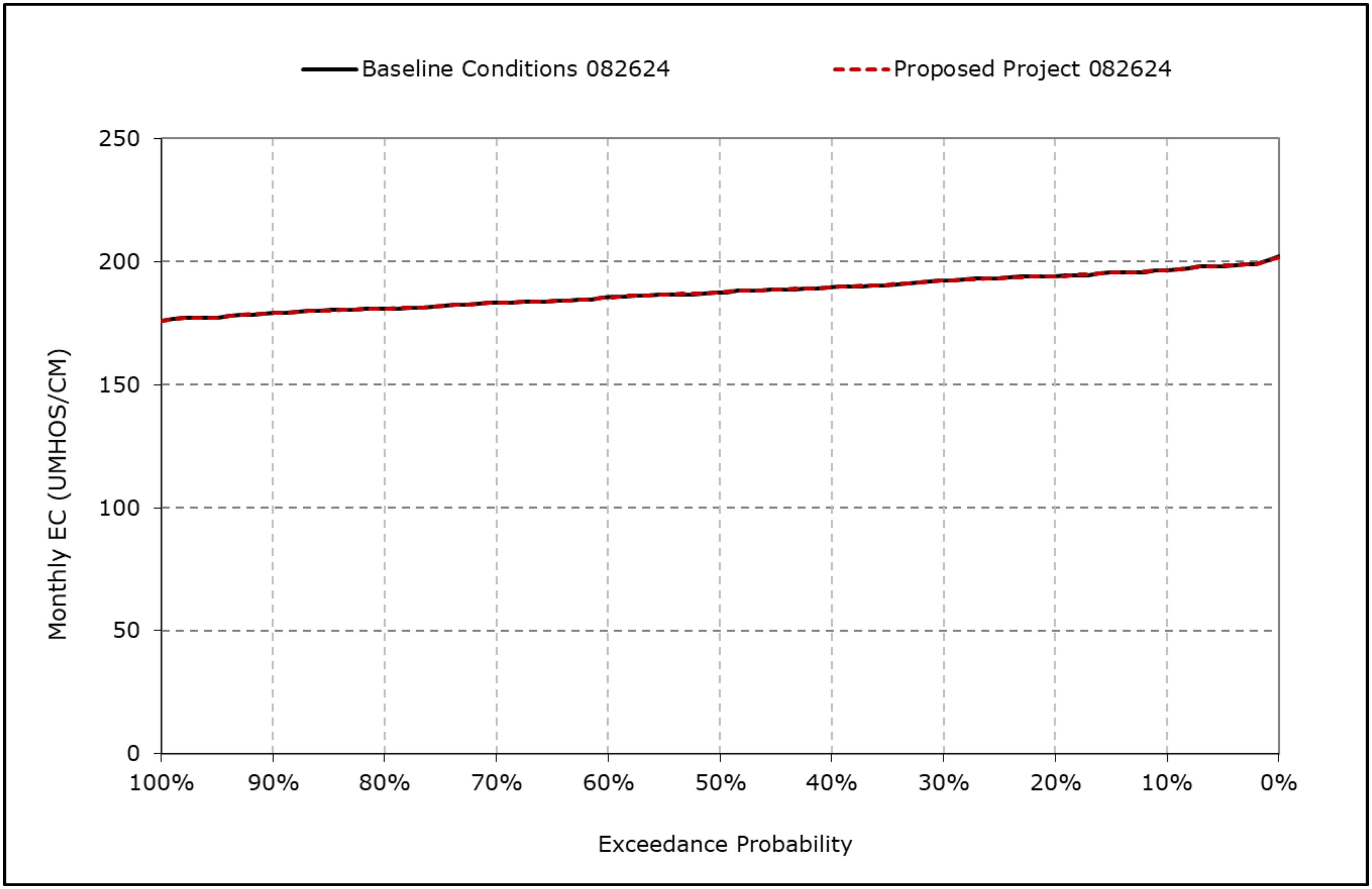
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2j. Cache Slough at Ryer Island Salinity, January EC



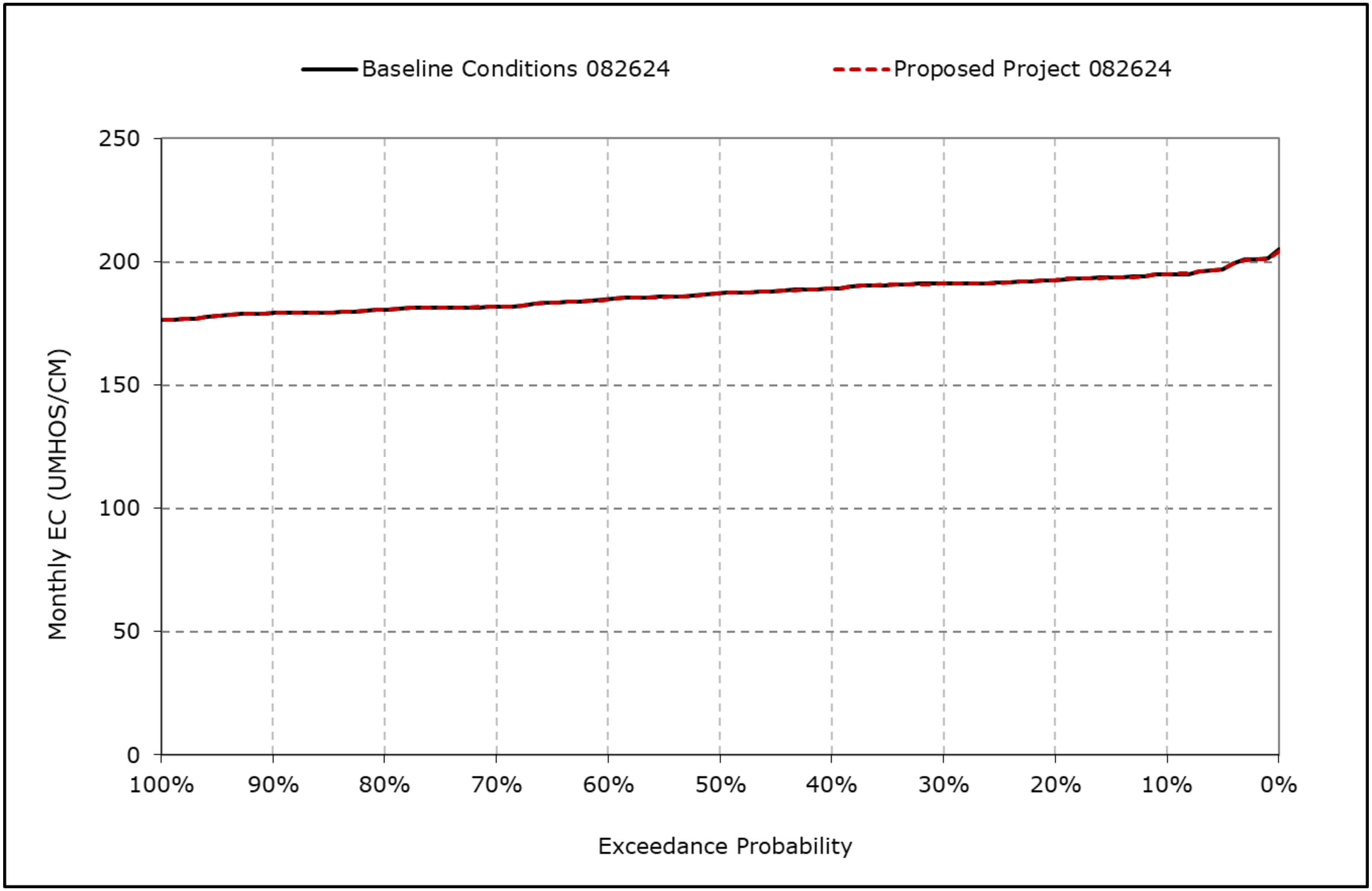
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2k. Cache Slough at Ryer Island Salinity, February EC



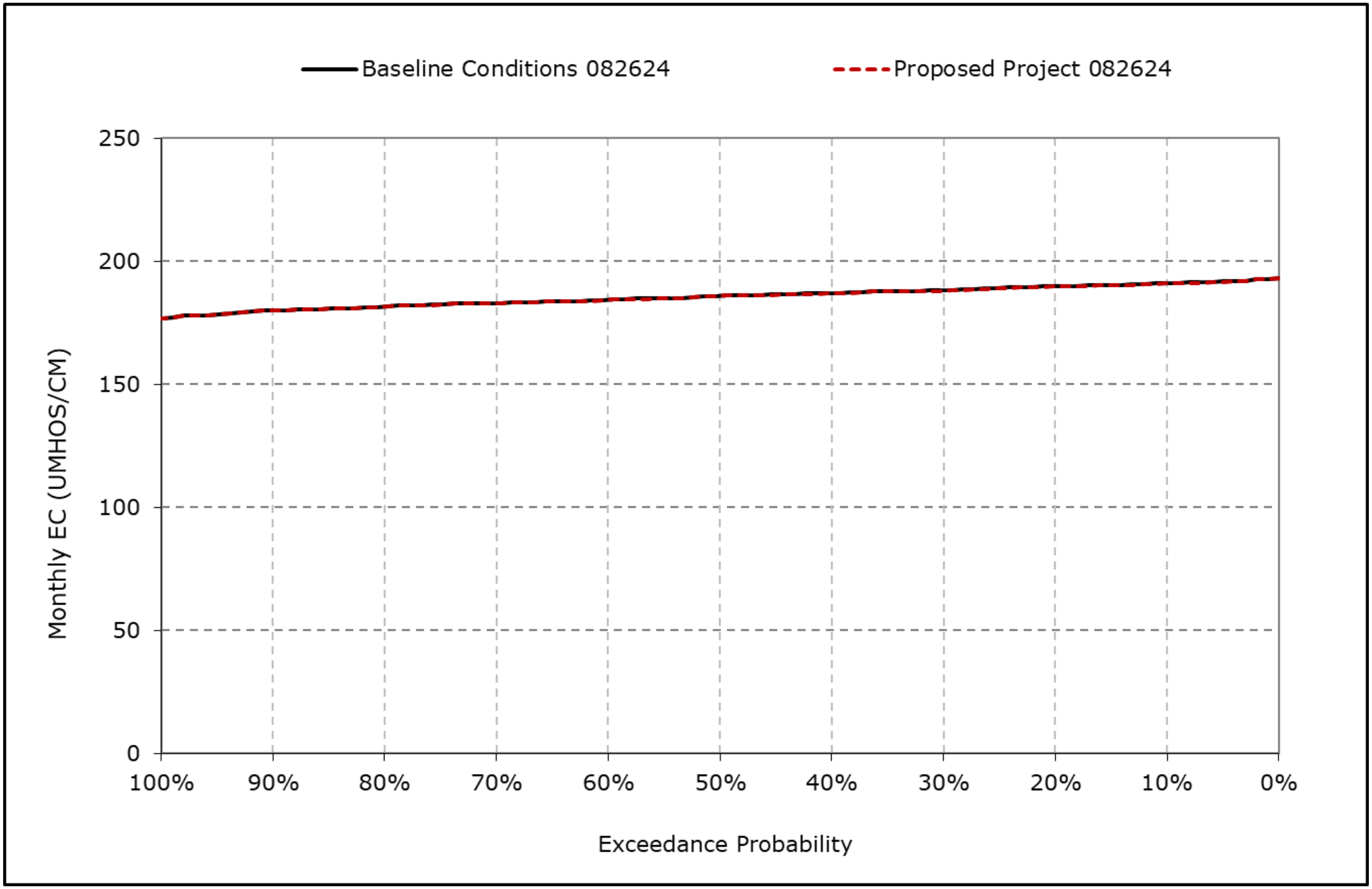
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2l. Cache Slough at Ryer Island Salinity, March EC



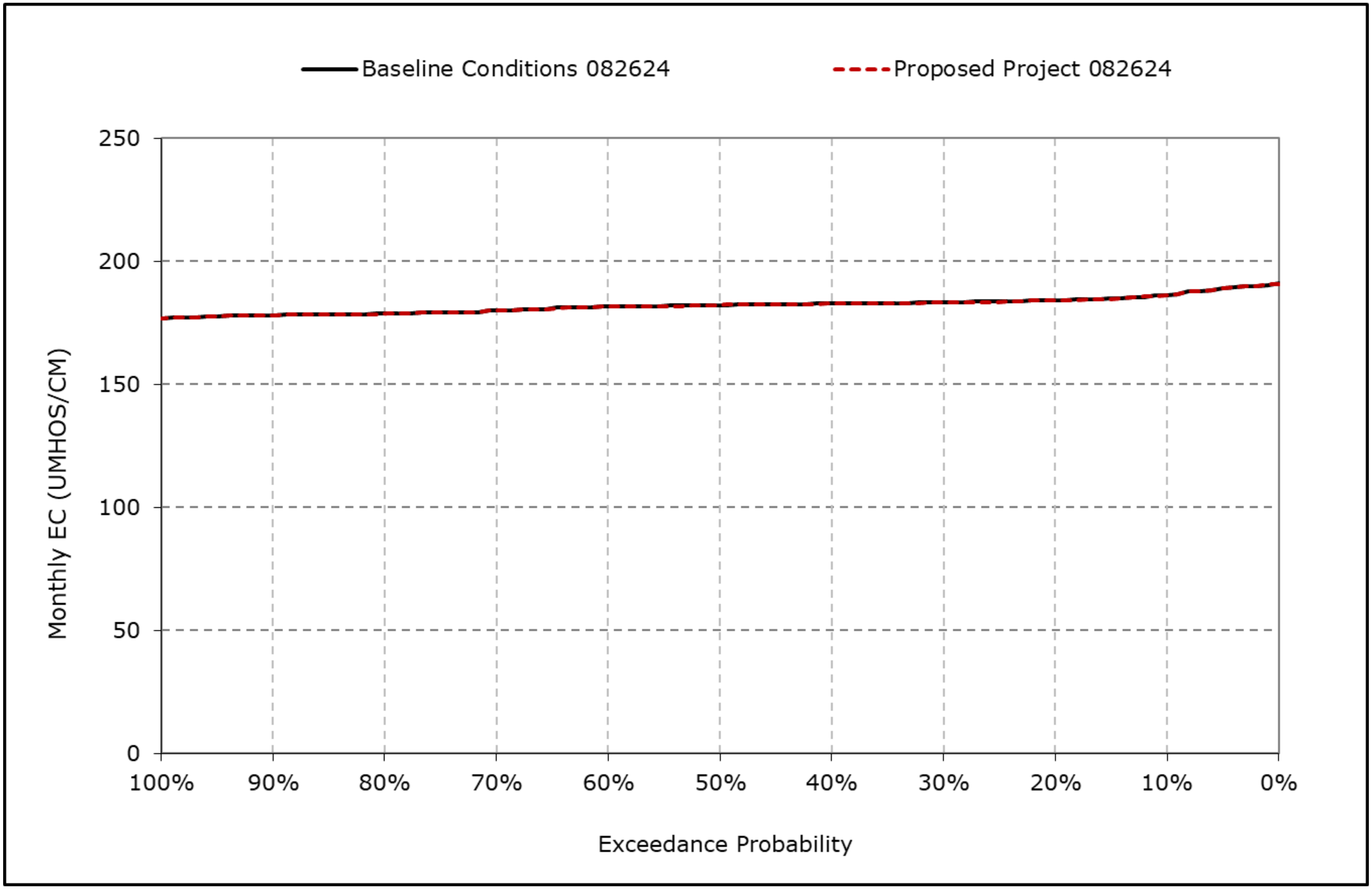
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2m. Cache Slough at Ryer Island Salinity, April EC



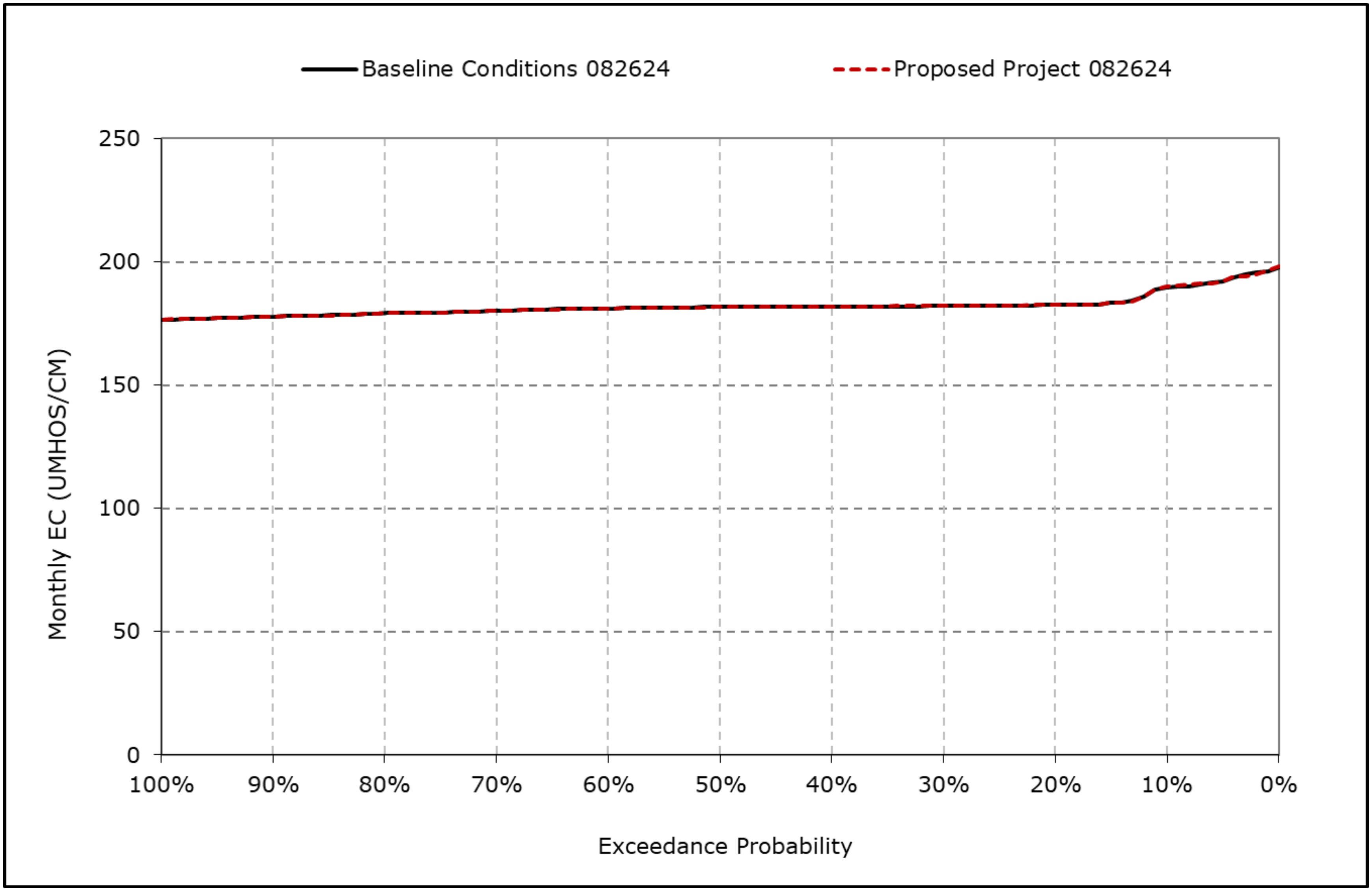
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2n. Cache Slough at Ryer Island Salinity, May EC



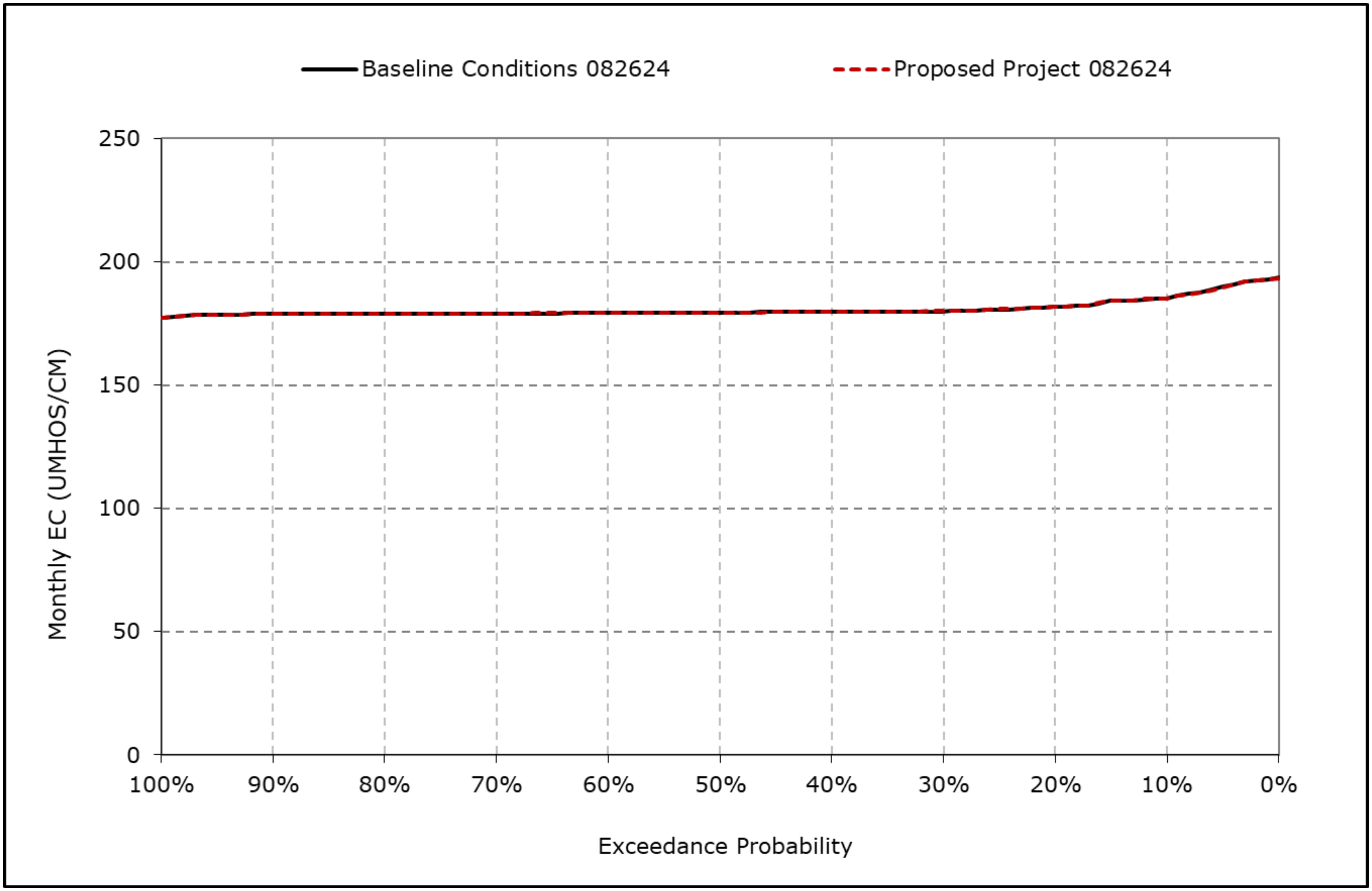
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2o. Cache Slough at Ryer Island Salinity, June EC



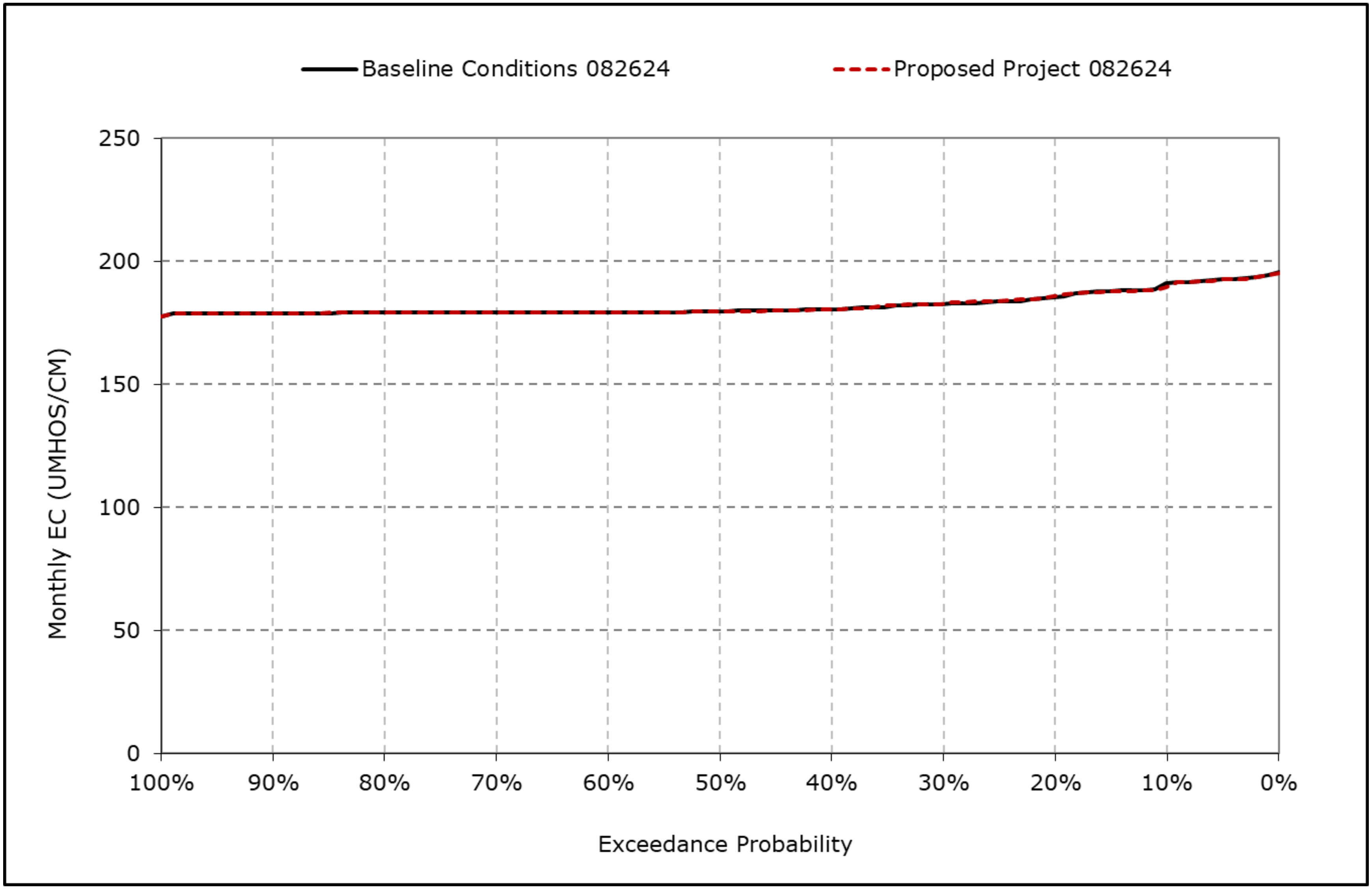
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2p. Cache Slough at Ryer Island Salinity, July EC



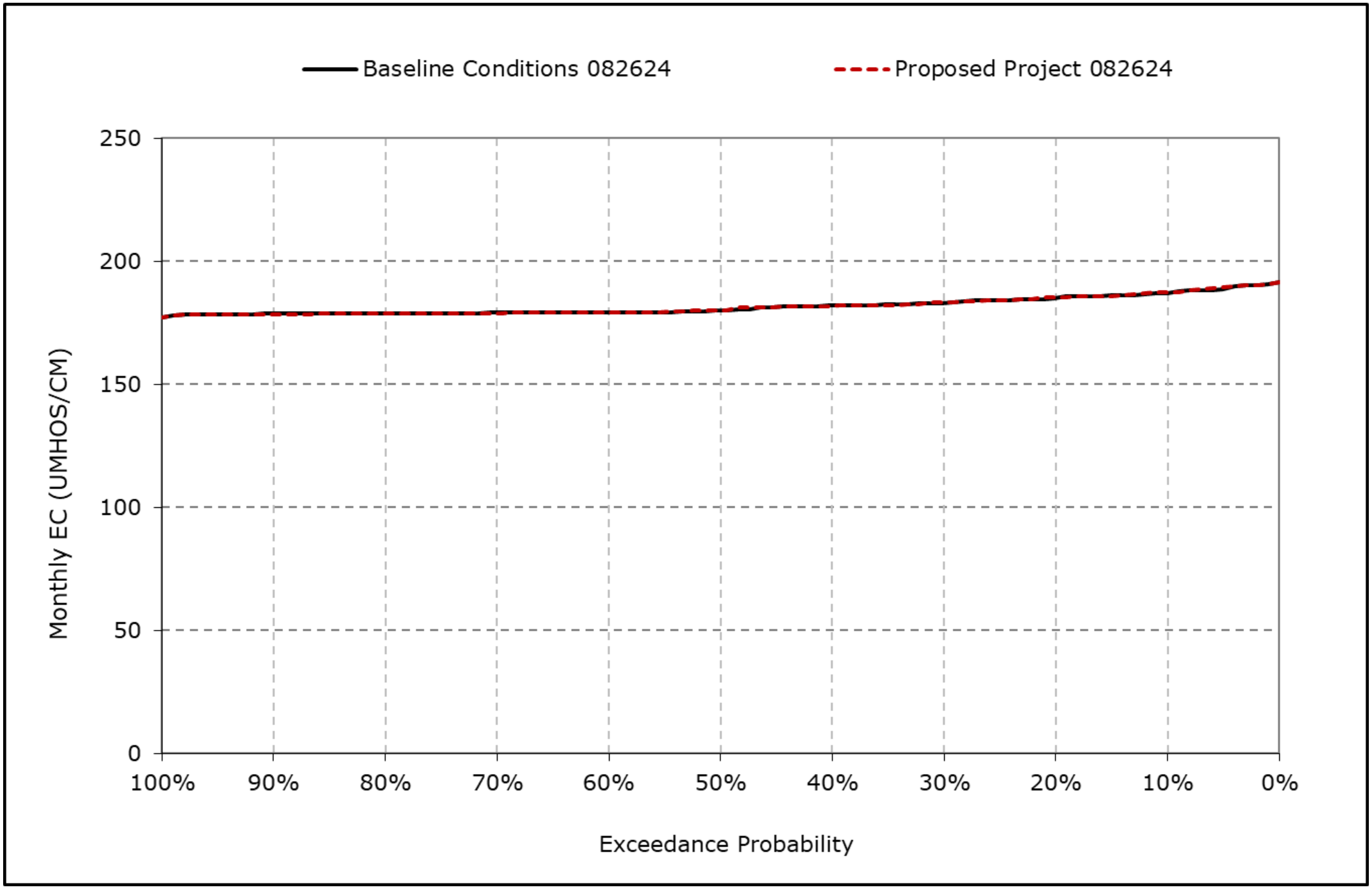
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-2q. Cache Slough at Ryer Island Salinity, August EC



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

Figure 4B-6-2r. Cache Slough at Ryer Island Salinity, September EC



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

Table 4B-6-3-1a. Sacramento River downstream of Georgiana Slough Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	180	178	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	177	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	175	176	175	175	175
60% Exceedance	176	176	177	177	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average[a]	176	176	177	177	178	177	176	175	175	175	175	175
Wet Water Years (32%)	176	176	177	177	177	176	176	175	175	175	175	175
Above Normal Years (9%)	176	177	177	177	177	176	176	175	175	175	175	175
Below Normal Years (20%)	176	176	177	177	178	177	176	175	176	175	175	175
Dry Water Years (21%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Water Years (18%)	176	176	177	178	179	178	176	176	176	176	176	176

Table 4B-6-3-1b. Sacramento River downstream of Georgiana Slough Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

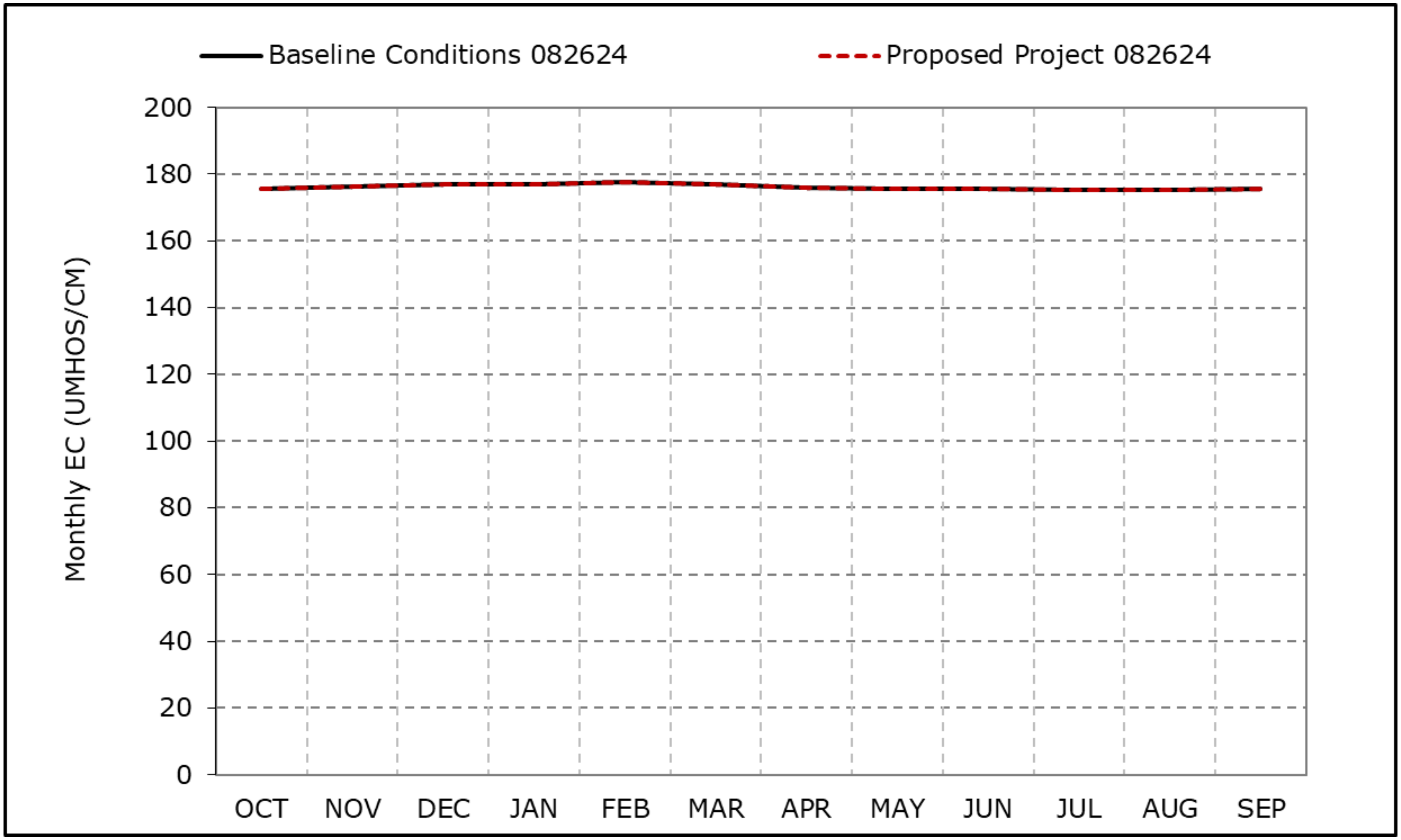
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	180	178	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	177	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	175	176	175	175	175
60% Exceedance	176	176	177	177	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average[a]	176	176	177	177	178	177	176	175	176	175	175	175
Wet Water Years (32%)	176	176	177	177	177	176	176	175	175	175	175	175
Above Normal Years (9%)	176	177	177	177	177	176	176	175	175	175	175	175
Below Normal Years (20%)	176	176	177	177	178	177	176	175	176	175	175	175
Dry Water Years (21%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Water Years (18%)	176	176	177	178	179	178	176	176	176	176	176	176

Table 4B-6-3-1c. Sacramento River downstream of Georgiana Slough Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years (32%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (20%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years (21%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years (18%)	0	0	0	0	0	0	0	0	0	0	0	0

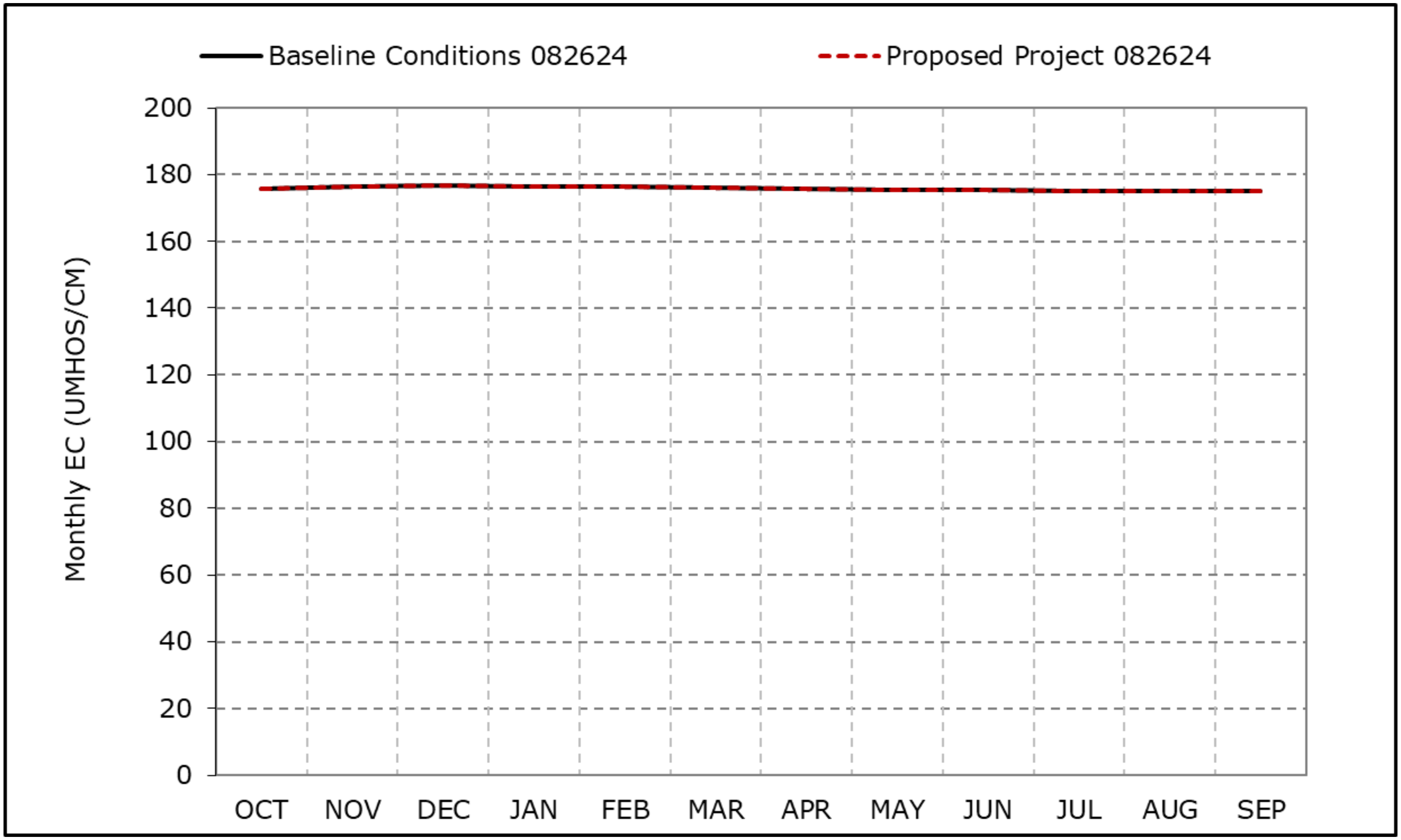
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-3a. Sacramento River downstream of Georgiana Slough Salinity, Long-Term Average EC



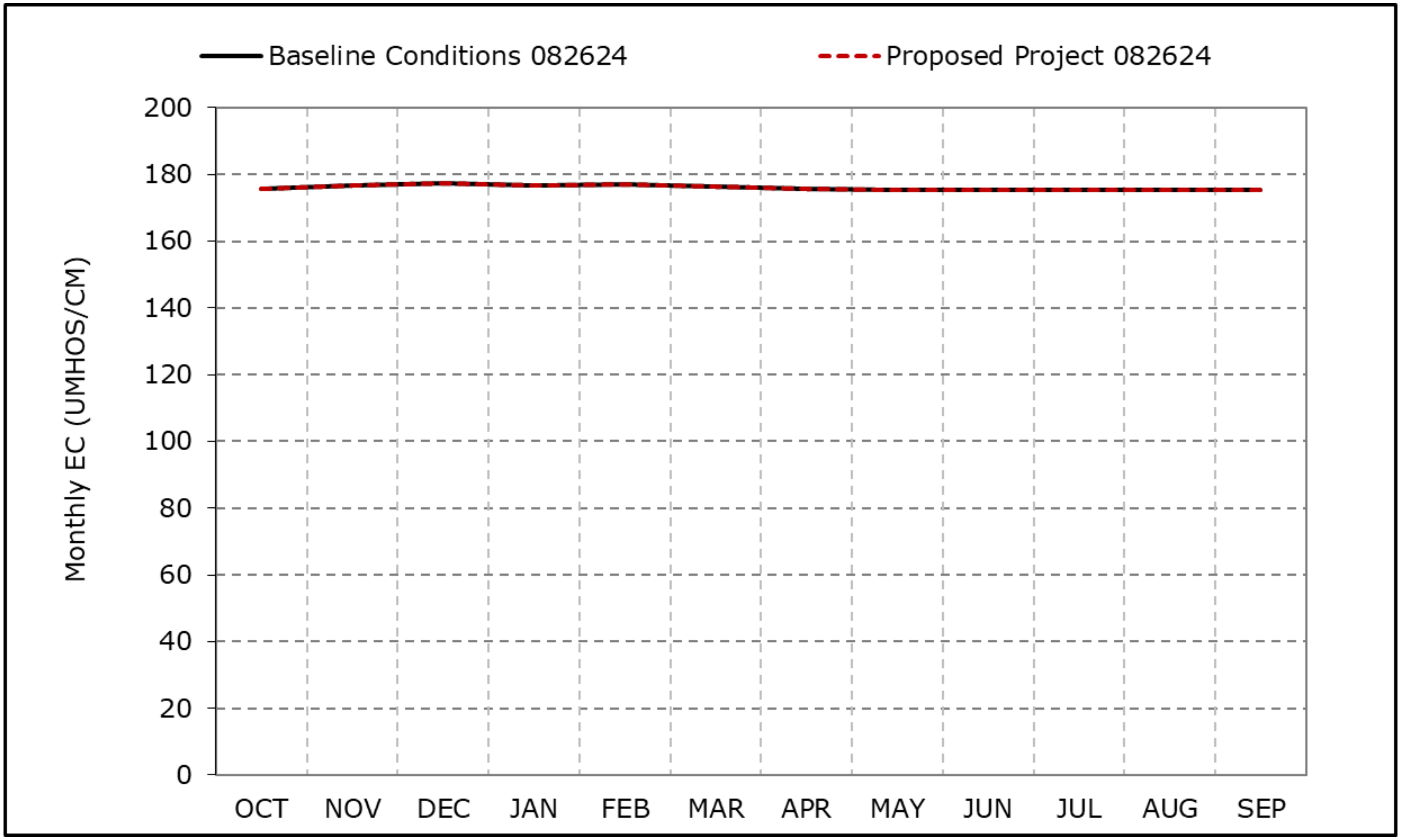
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3b. Sacramento River downstream of Georgiana Slough Salinity, Wet Year Average EC



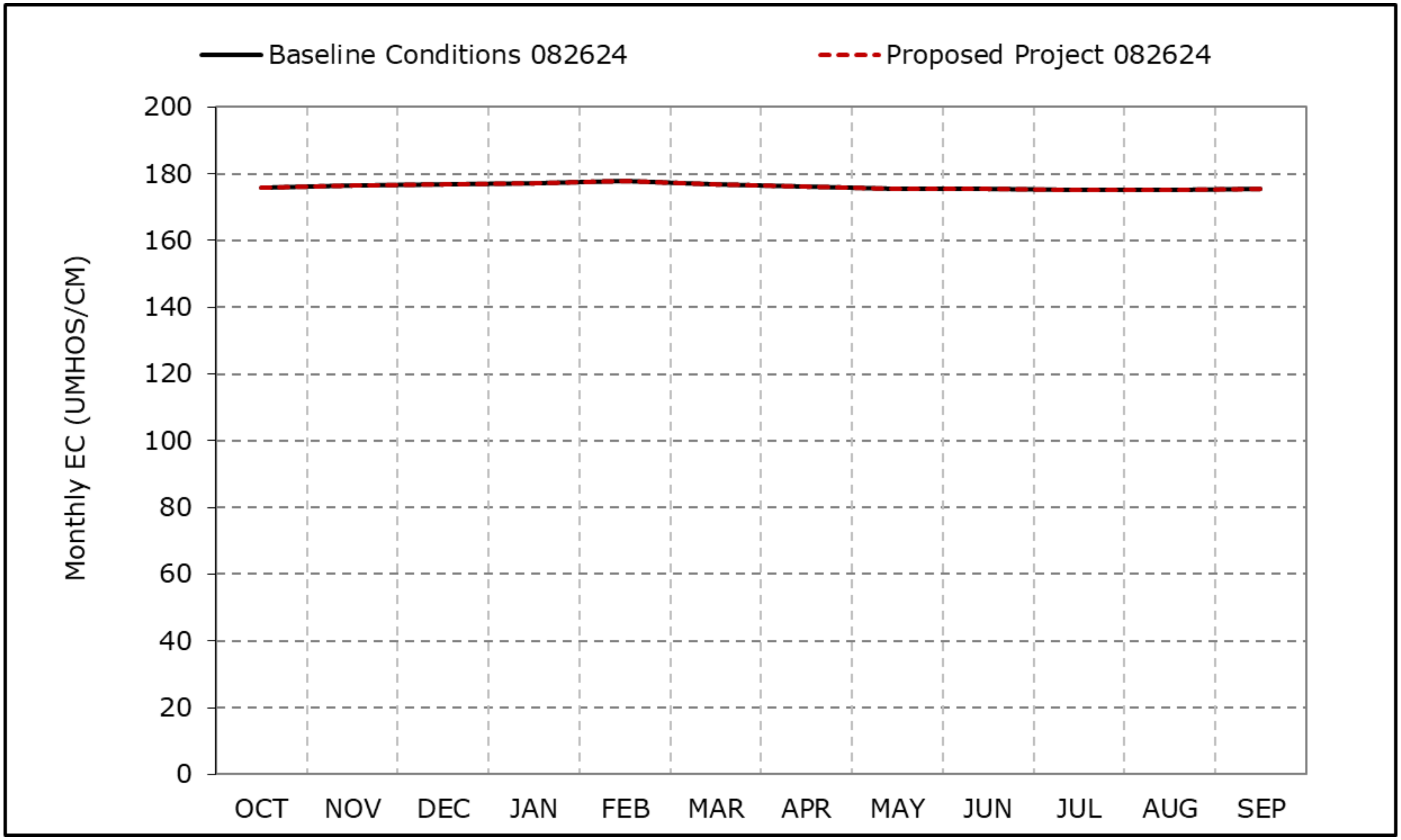
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3c. Sacramento River downstream of Georgiana Slough Salinity, Above Normal Year Average EC



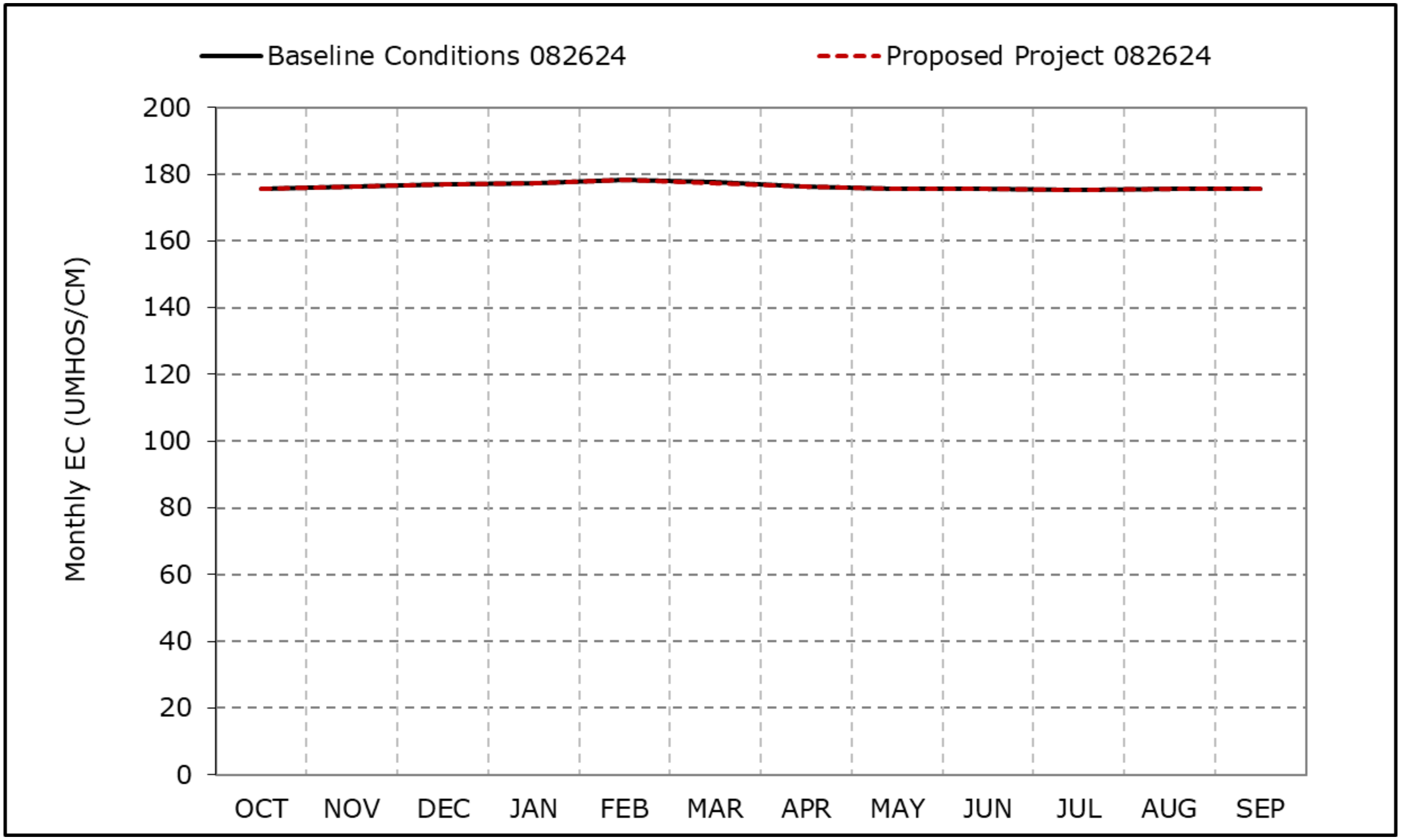
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3d. Sacramento River downstream of Georgiana Slough Salinity, Below Normal Year Average EC



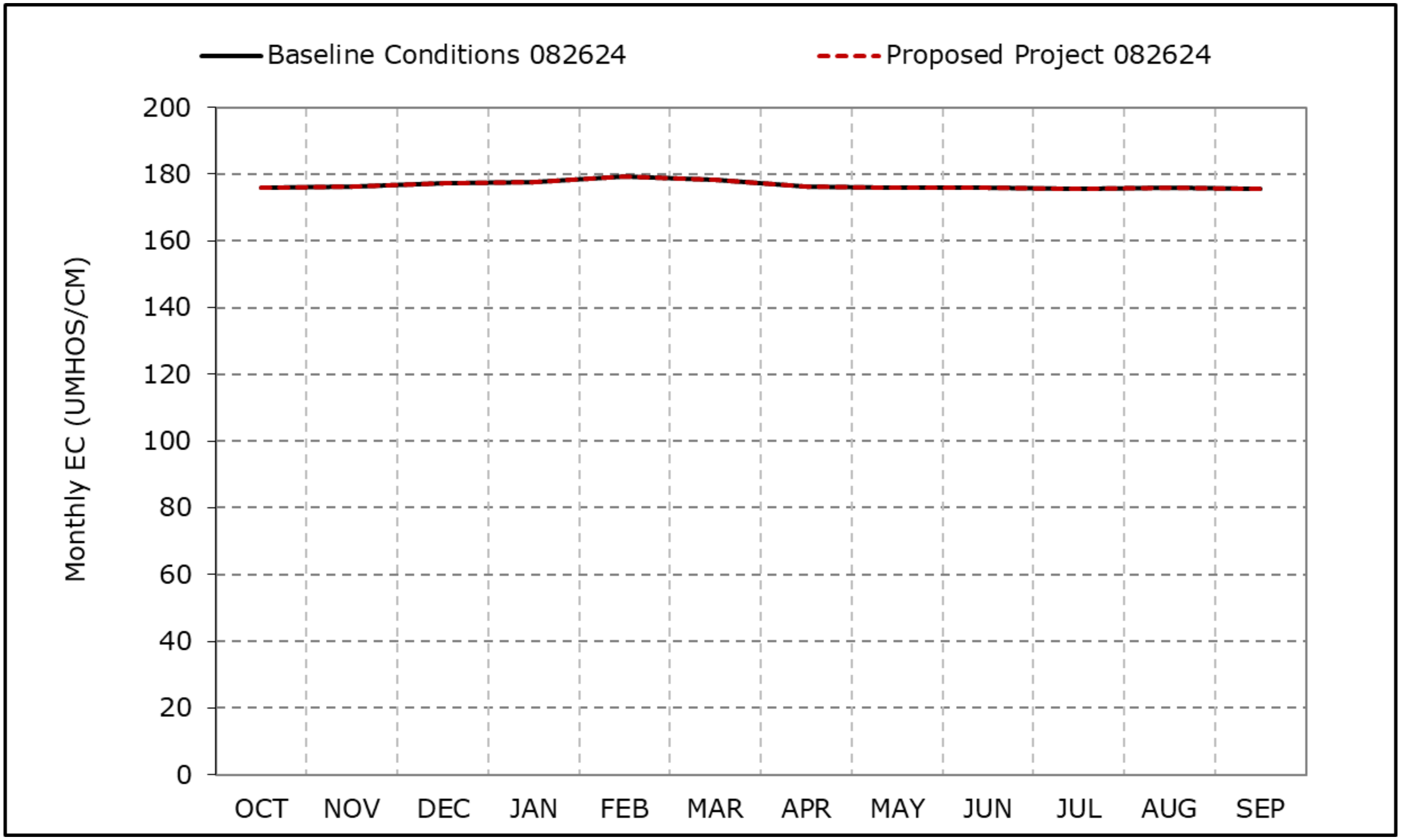
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3e. Sacramento River downstream of Georgiana Slough Salinity, Dry Year Average EC



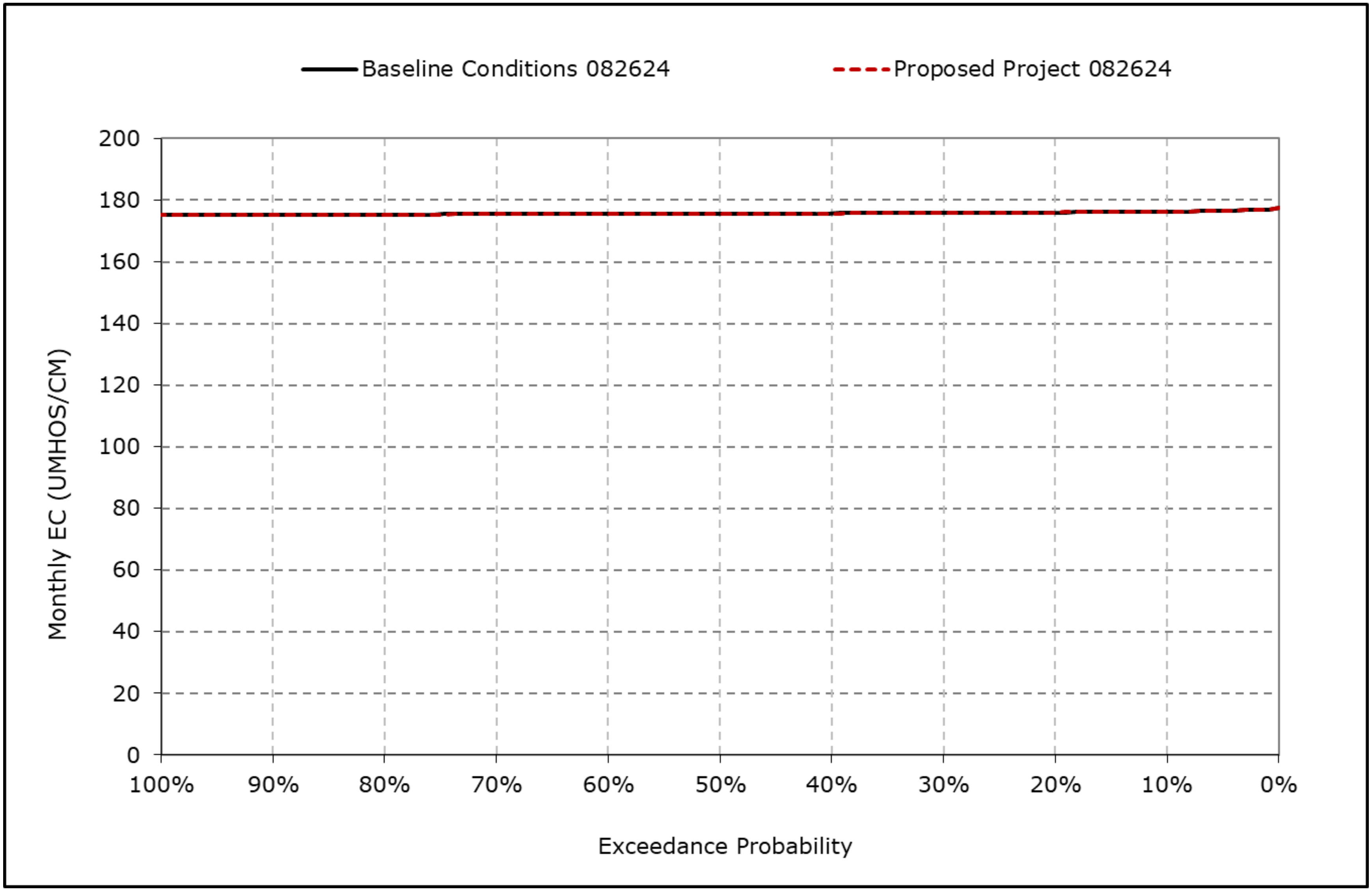
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3f. Sacramento River downstream of Georgiana Slough Salinity, Critical Year Average EC



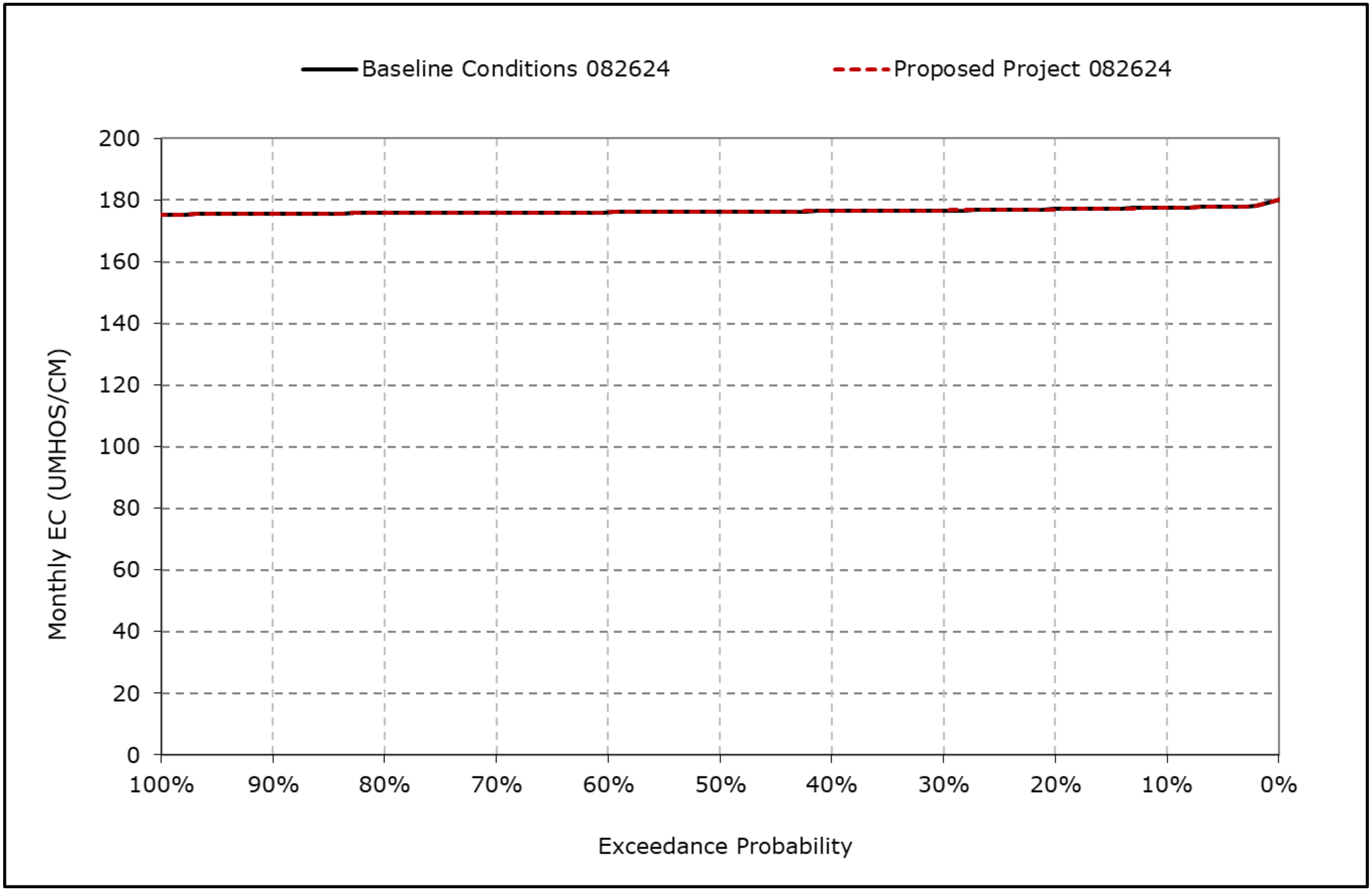
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3g. Sacramento River downstream of Georgiana Slough Salinity, October EC



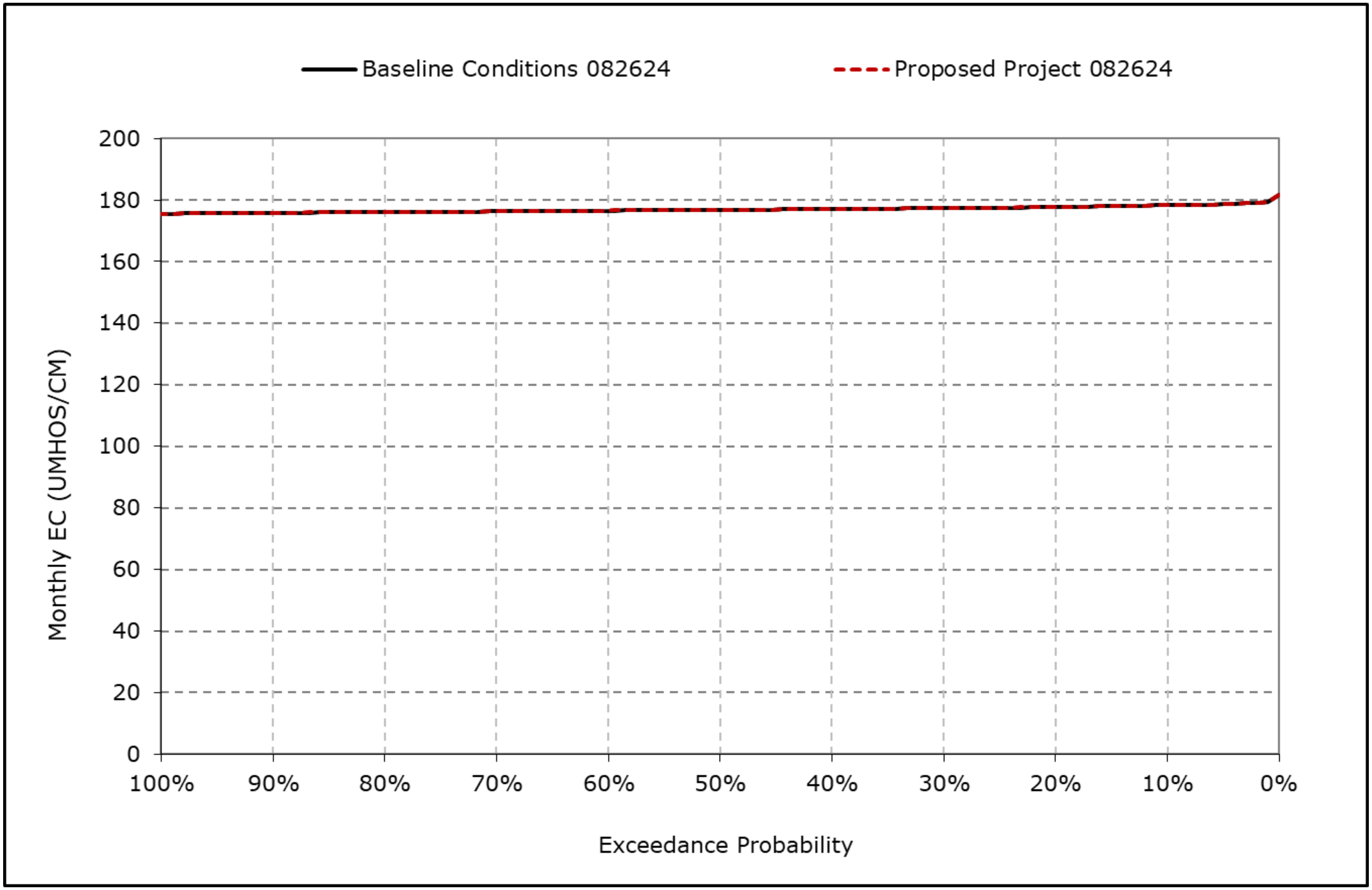
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3h. Sacramento River downstream of Georgiana Slough Salinity, November EC



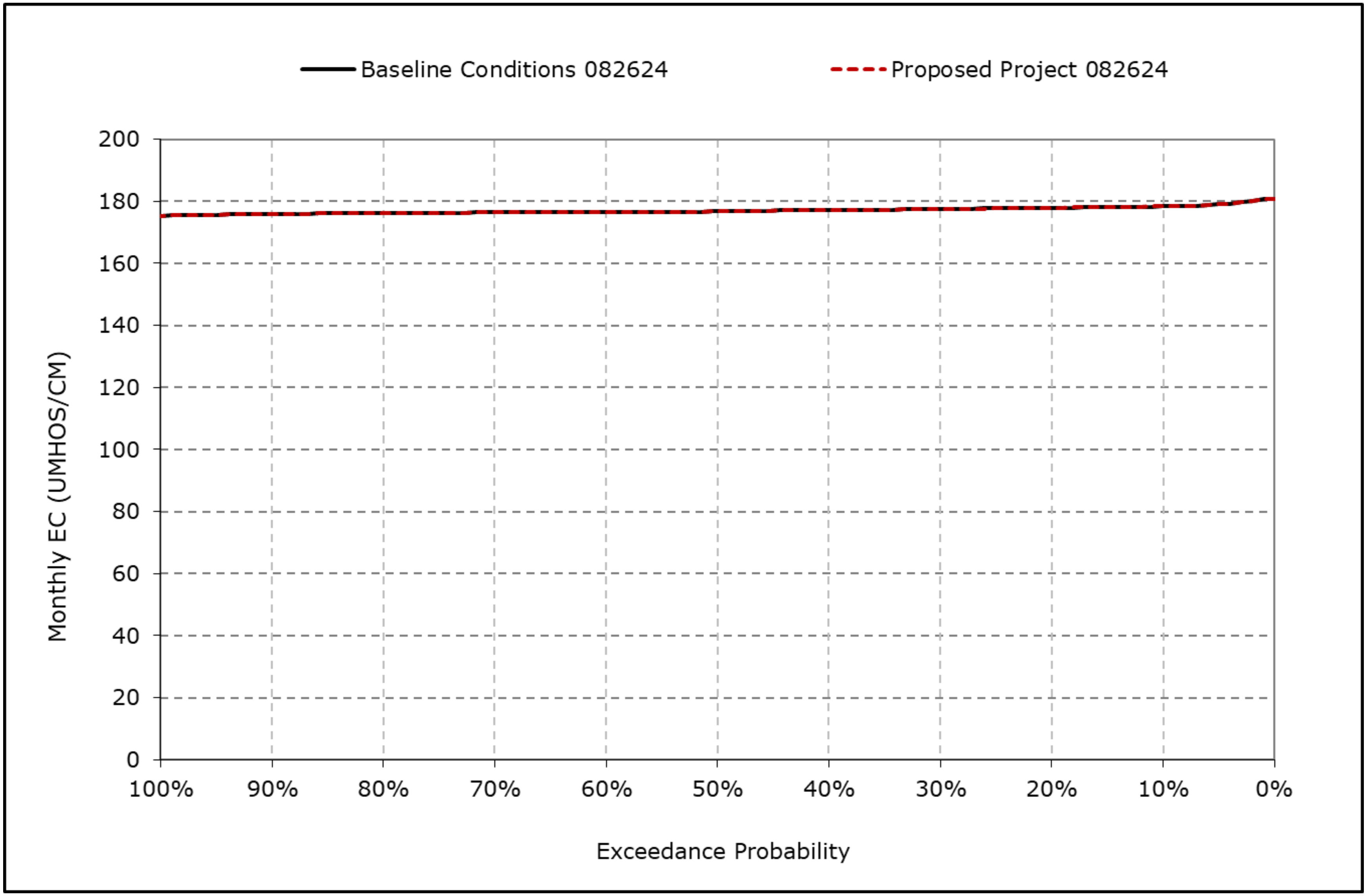
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3i. Sacramento River downstream of Georgiana Slough Salinity, December EC



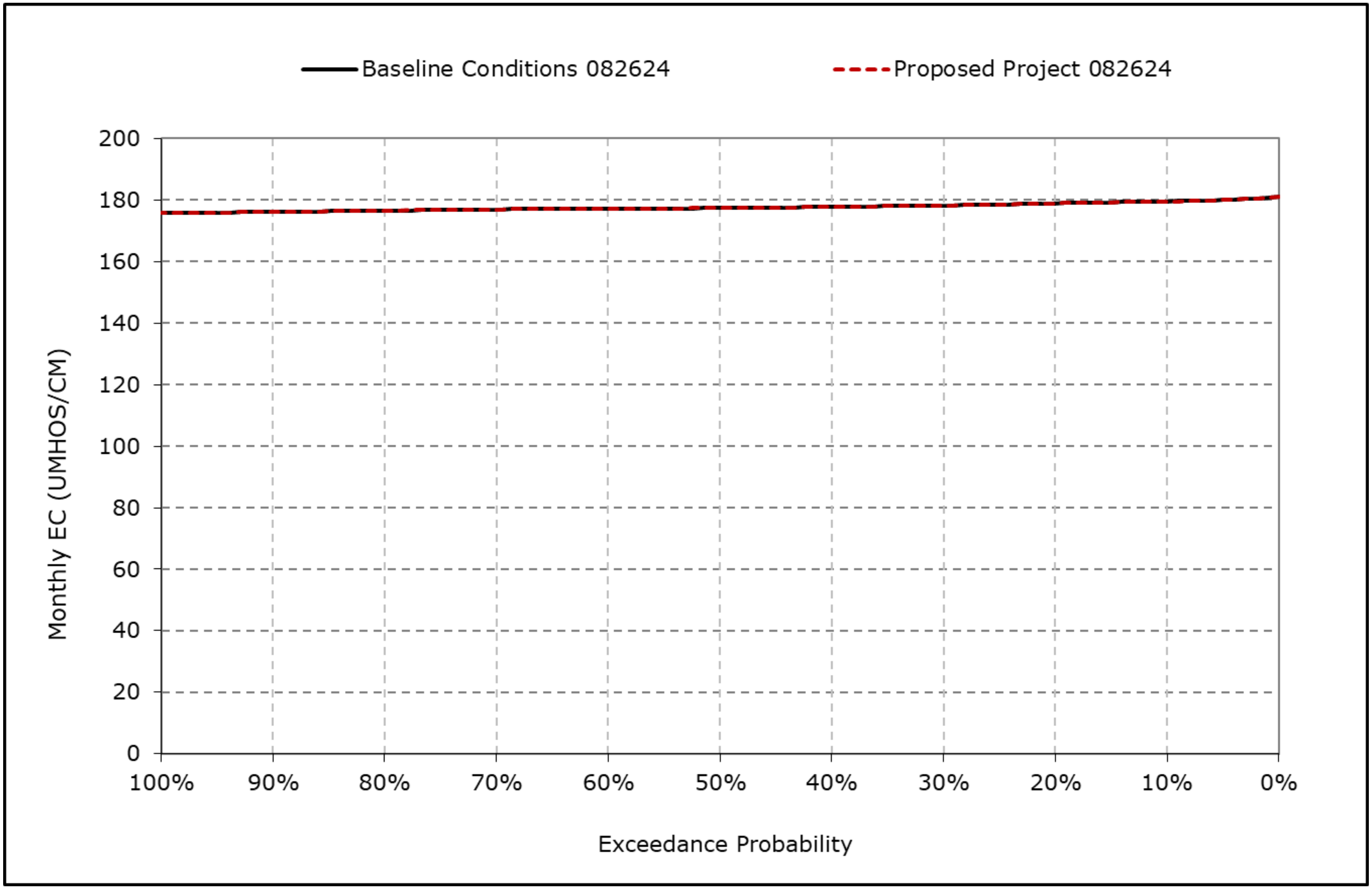
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3j. Sacramento River downstream of Georgiana Slough Salinity, January EC



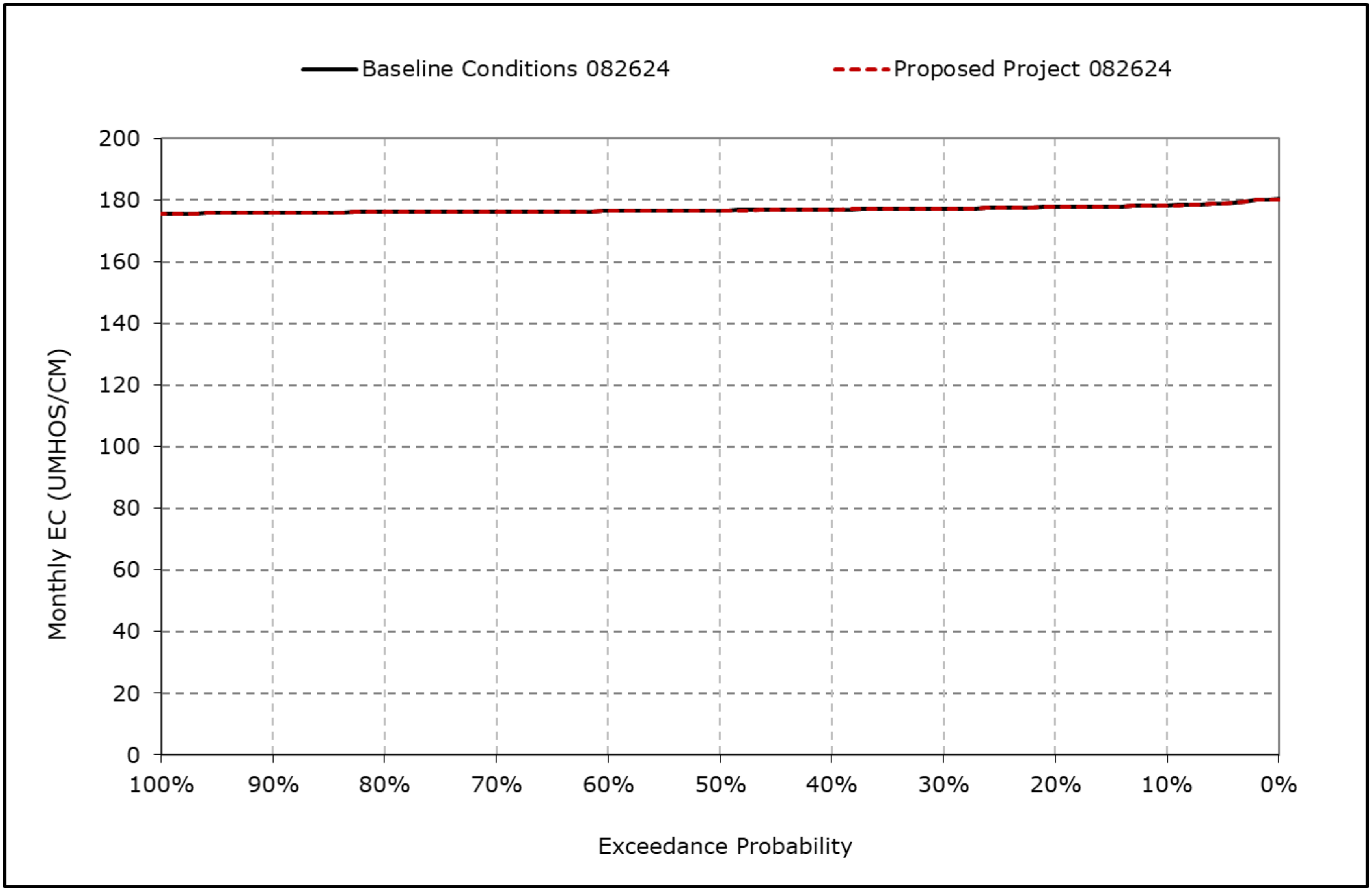
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3k. Sacramento River downstream of Georgiana Slough Salinity, February EC



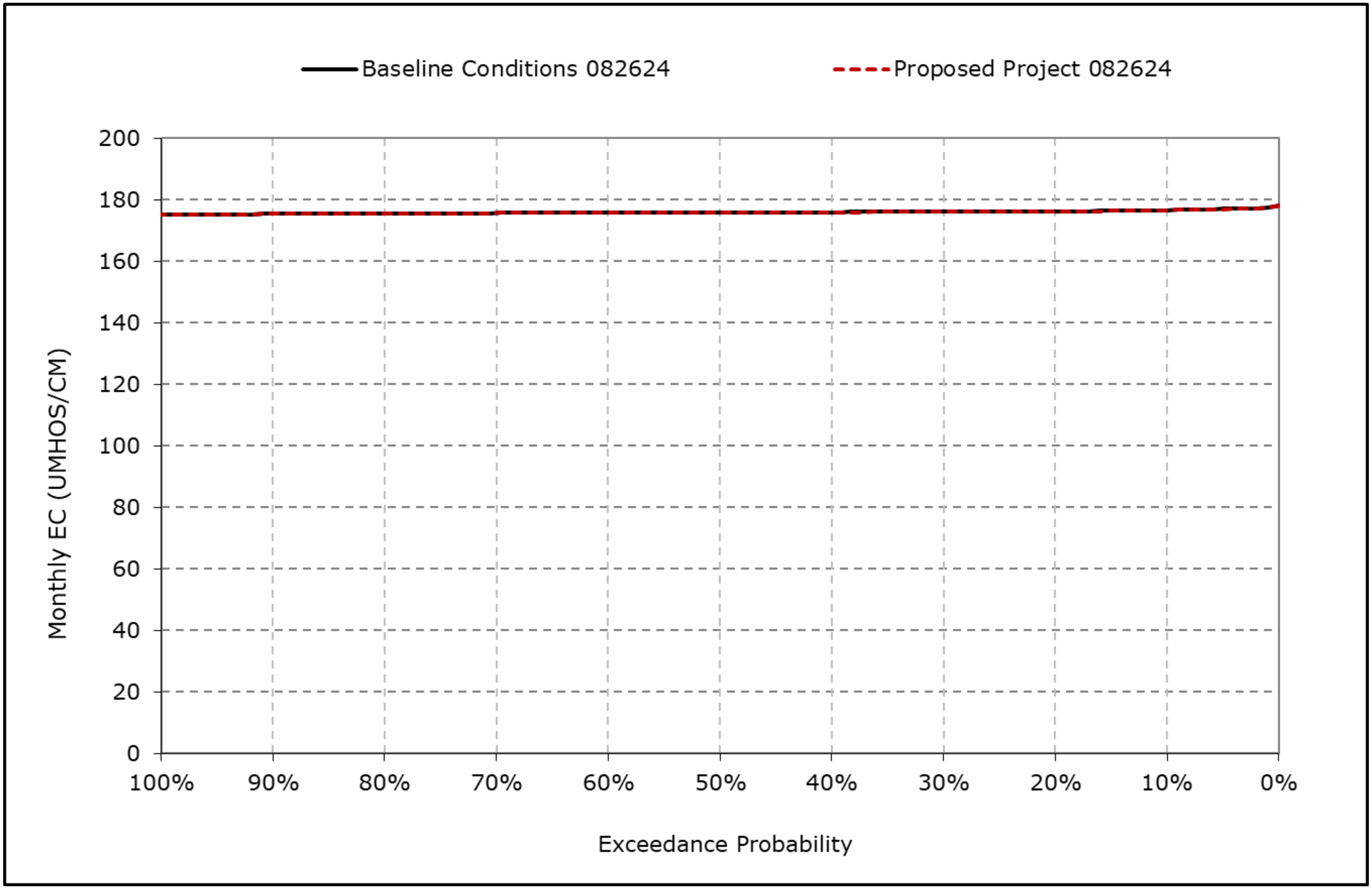
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3l. Sacramento River downstream of Georgiana Slough Salinity, March EC



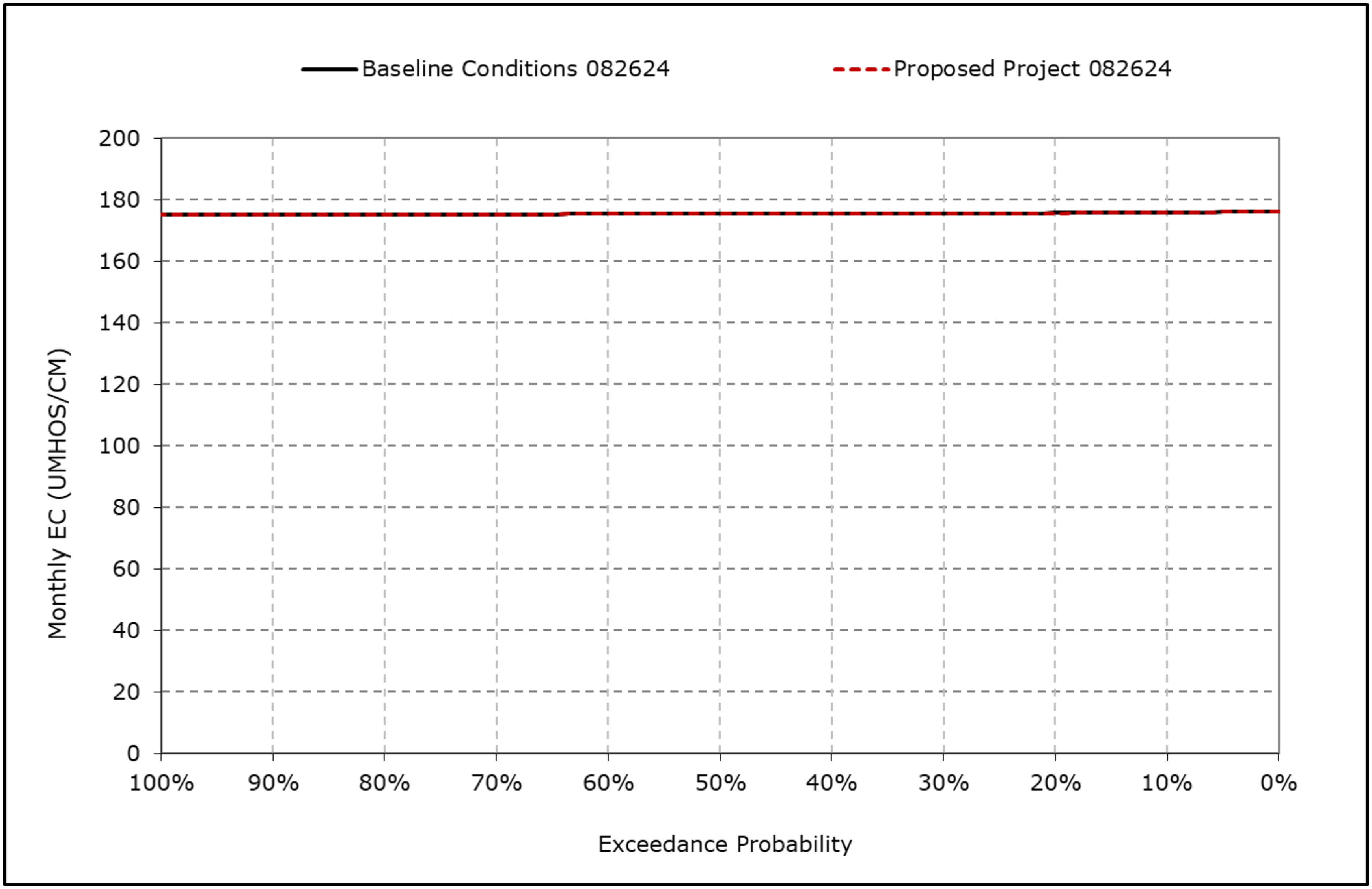
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3m. Sacramento River downstream of Georgiana Slough Salinity, April EC



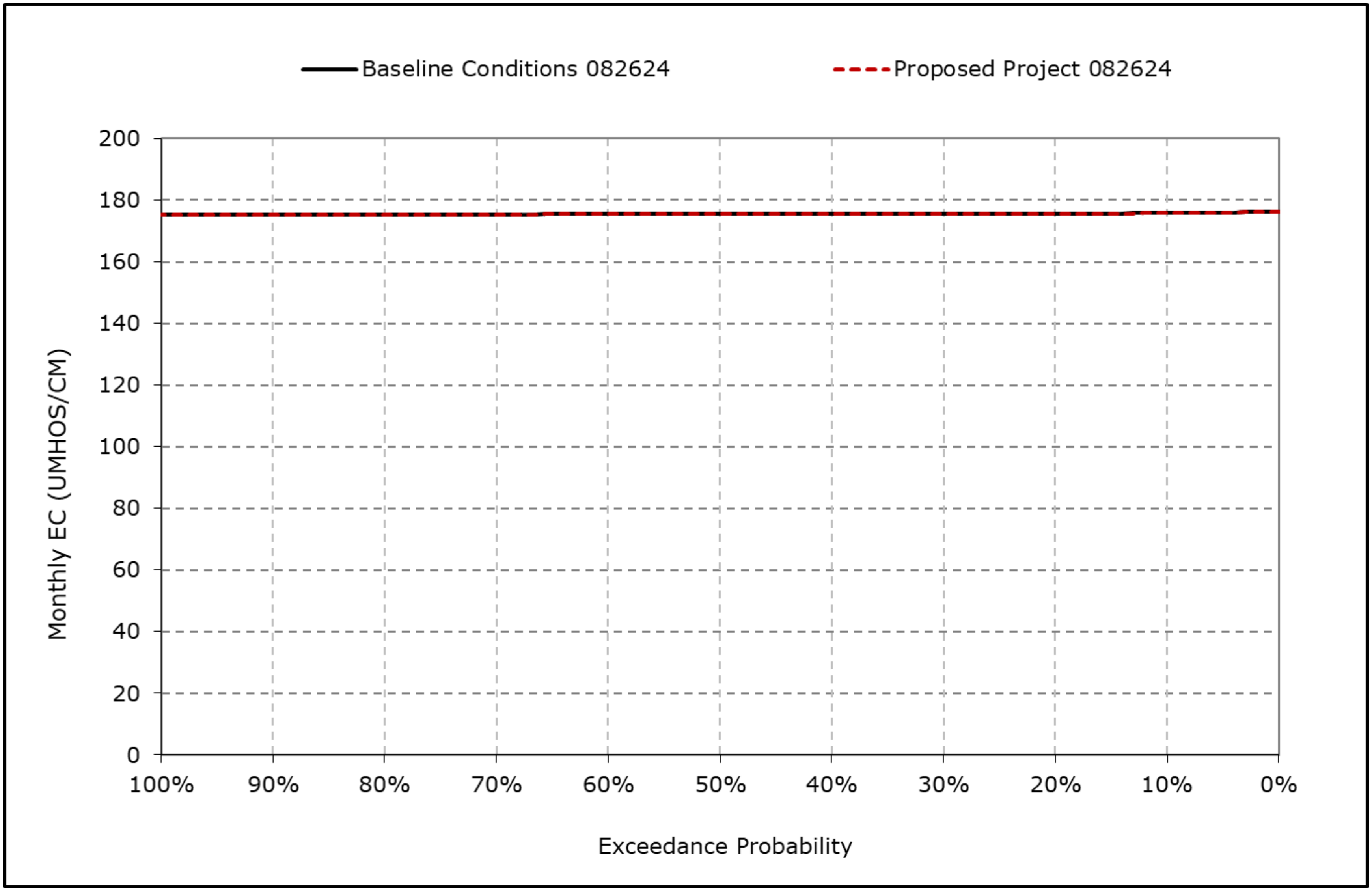
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3n. Sacramento River downstream of Georgiana Slough Salinity, May EC



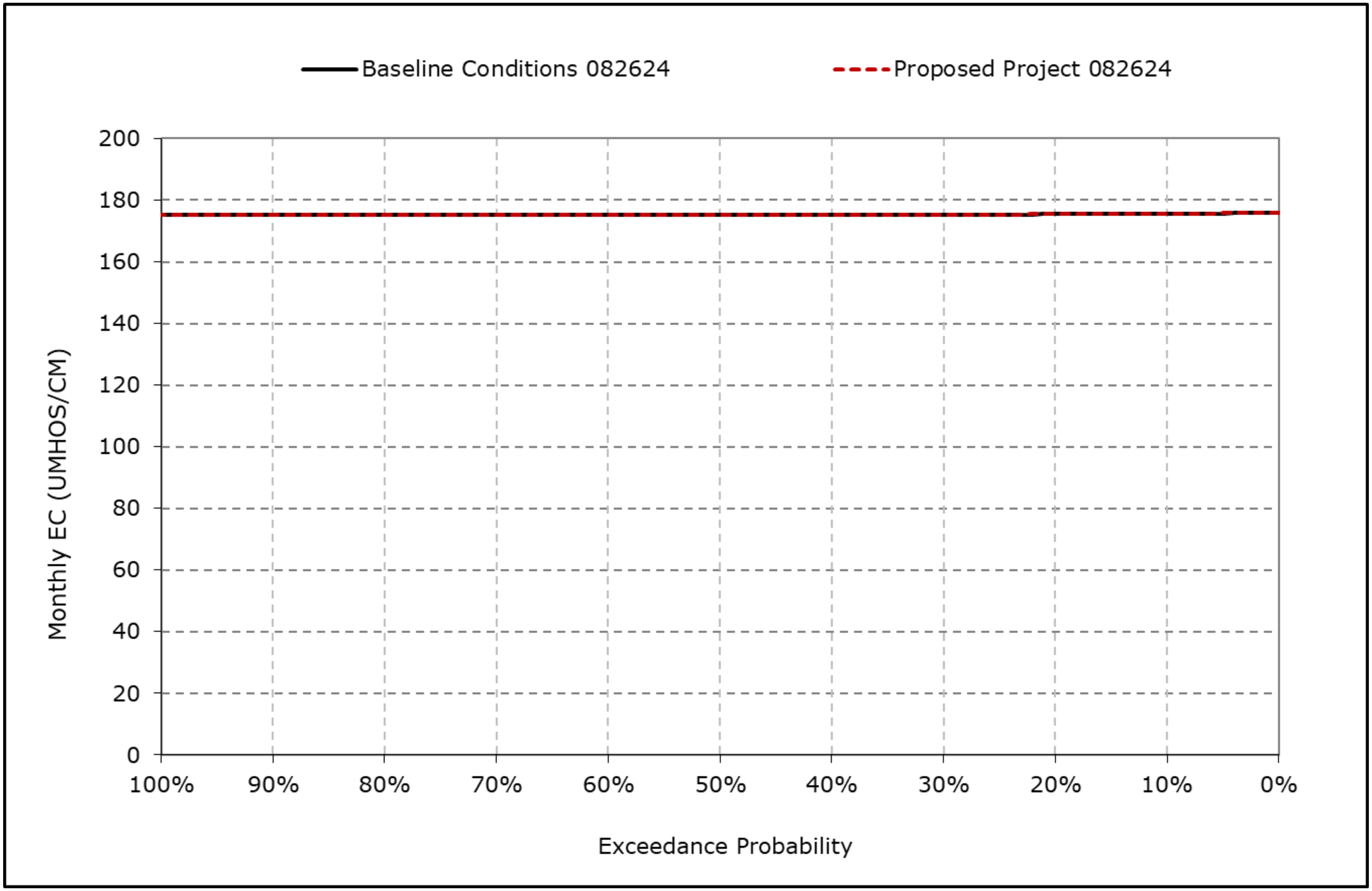
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3o. Sacramento River downstream of Georgiana Slough Salinity, June EC



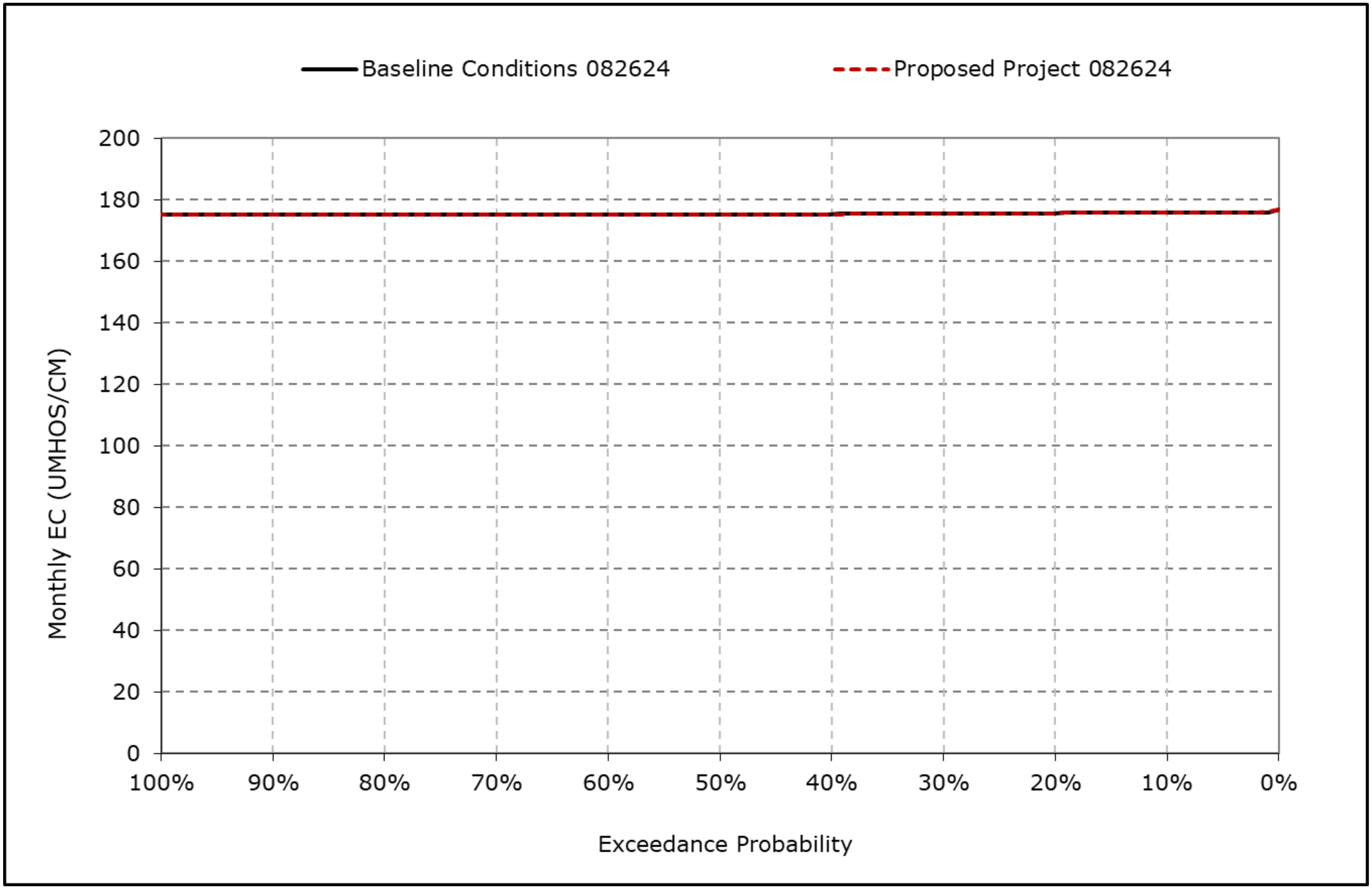
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3p. Sacramento River downstream of Georgiana Slough Salinity, July EC



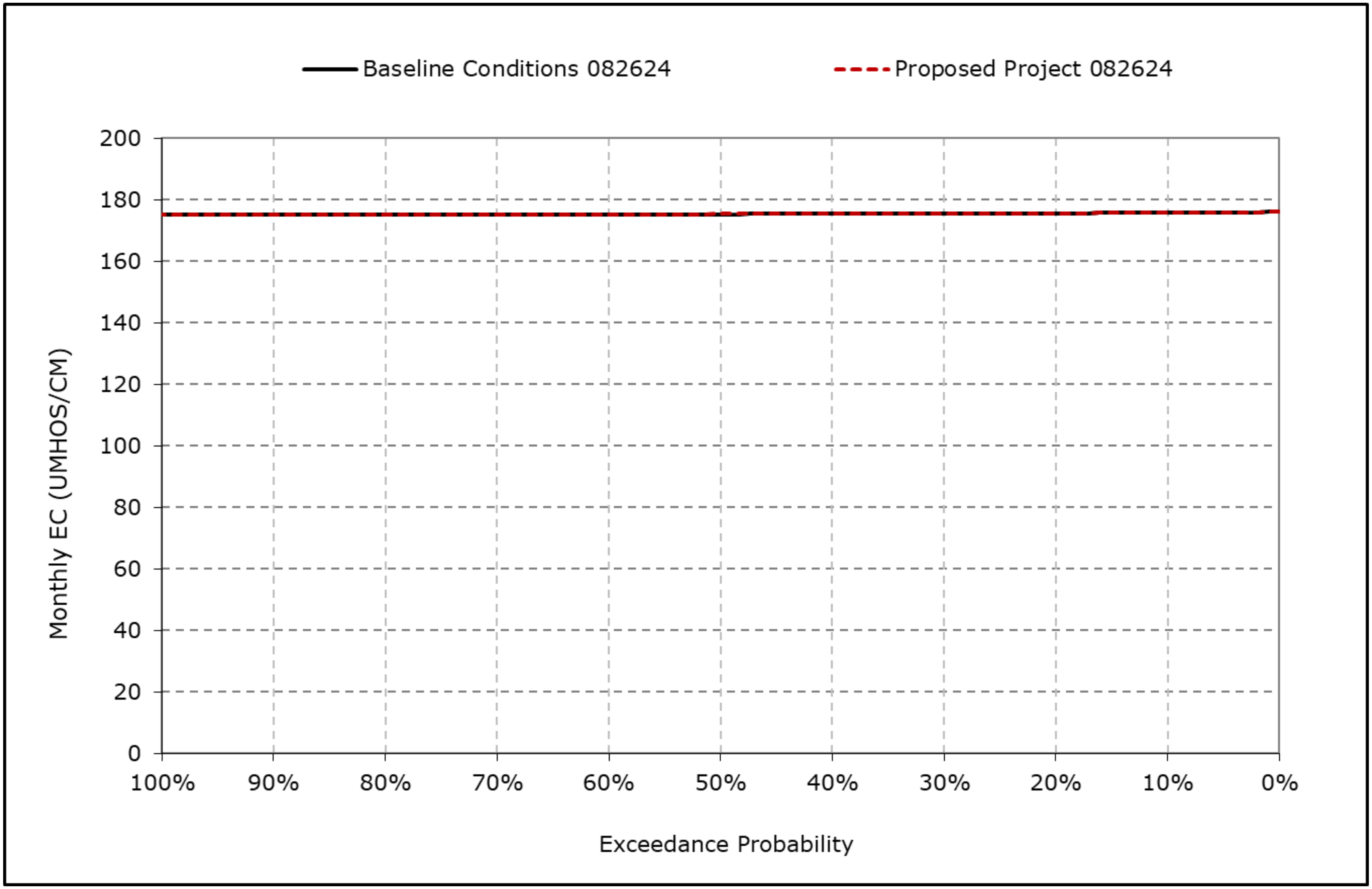
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-3q. Sacramento River downstream of Georgiana Slough Salinity, August EC



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

Figure 4B-6-3r. Sacramento River downstream of Georgiana Slough Salinity, September EC



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

Table 4B-6-4-1a. Sacramento River at Rio Vista Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	509	454	361	260	209	200	200	213	301	318	387	423
20% Exceedance	414	405	303	236	196	192	196	192	205	232	330	377
30% Exceedance	379	354	276	211	193	189	191	190	200	212	289	335
40% Exceedance	354	308	249	199	190	186	189	187	197	198	242	315
50% Exceedance	308	273	229	192	186	185	187	184	192	193	220	275
60% Exceedance	189	224	207	186	183	182	183	182	186	186	201	195
70% Exceedance	187	215	191	183	182	180	182	180	182	183	196	190
80% Exceedance	185	206	184	180	180	179	180	178	179	181	192	188
90% Exceedance	183	190	180	179	179	179	178	177	177	180	187	185
Full Simulation Period Average[a]	308	302	251	208	191	188	189	192	209	215	256	282
Wet Water Years (32%)	274	251	202	183	180	180	180	178	180	181	190	187
Above Normal Years (9%)	299	294	222	187	184	182	182	181	183	183	193	189
Below Normal Years (20%)	288	292	267	205	189	185	187	185	195	193	224	282
Dry Water Years (21%)	308	299	264	222	196	191	192	190	199	217	295	343
Critical Water Years (18%)	397	412	319	248	208	205	206	234	300	314	394	429

Table 4B-6-4-1b. Sacramento River at Rio Vista Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

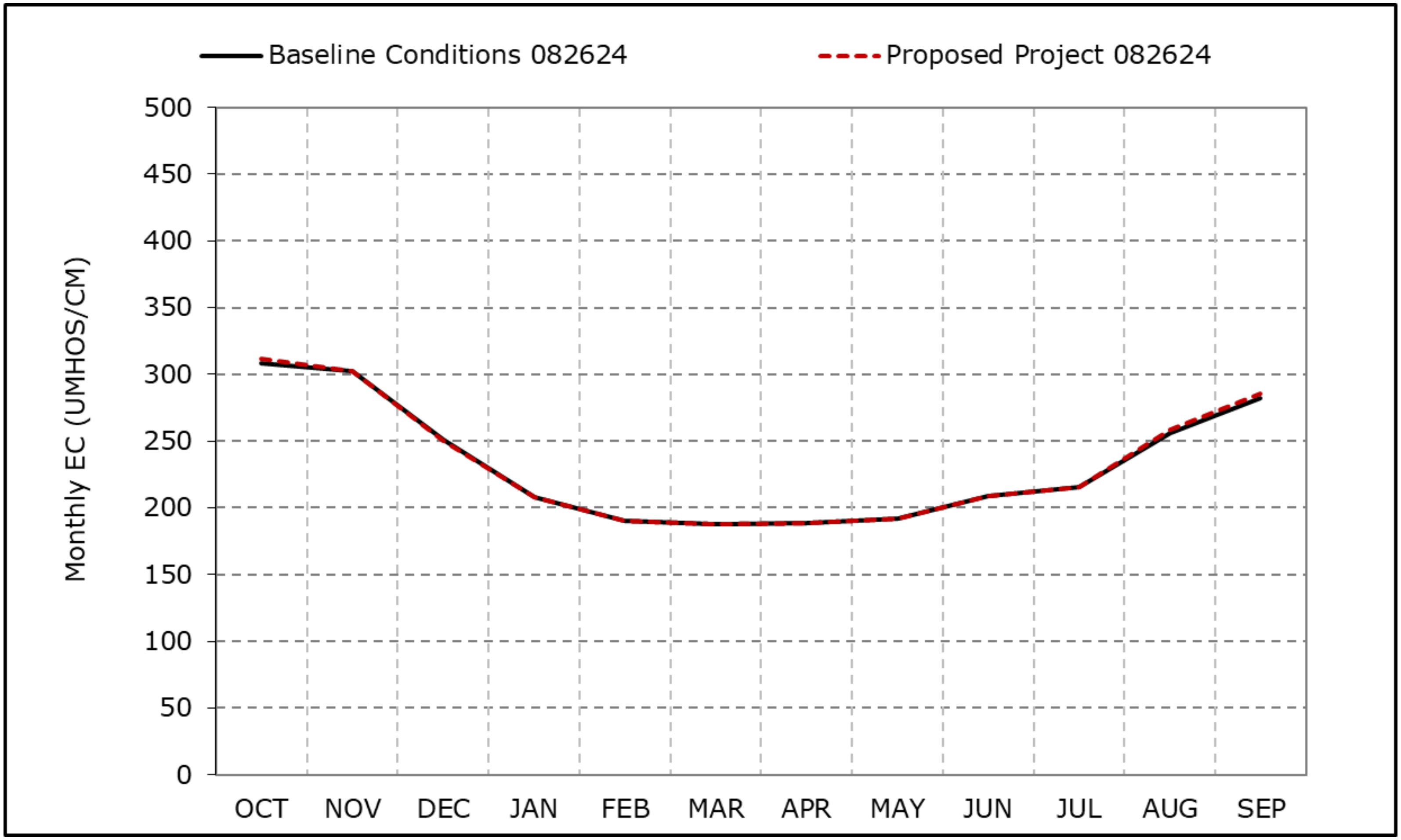
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	509	452	345	261	210	199	198	215	304	320	386	425
20% Exceedance	419	408	304	233	196	191	195	191	205	231	336	388
30% Exceedance	383	351	279	210	193	189	191	189	200	213	299	339
40% Exceedance	353	309	247	198	190	186	189	187	195	197	237	318
50% Exceedance	323	275	229	192	186	185	186	184	191	193	218	281
60% Exceedance	191	223	207	187	184	182	183	182	186	186	204	196
70% Exceedance	187	215	191	183	182	180	182	180	182	183	199	191
80% Exceedance	186	207	184	180	180	179	180	178	178	181	194	189
90% Exceedance	184	191	180	179	179	179	178	177	177	180	191	187
Full Simulation Period Average[a]	311	302	250	208	190	188	189	192	209	215	258	286
Wet Water Years (32%)	277	250	199	183	180	180	180	178	180	181	192	188
Above Normal Years (9%)	300	293	222	187	184	182	182	180	183	183	197	188
Below Normal Years (20%)	292	293	267	205	189	185	187	185	194	193	221	288
Dry Water Years (21%)	308	299	264	222	196	191	191	189	199	218	306	351
Critical Water Years (18%)	403	412	318	249	208	204	206	235	302	315	392	430

Table 4B-6-4-1c. Sacramento River at Rio Vista Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-1	-15	1	1	-1	-2	2	3	2	-2	2
20% Exceedance	4	2	1	-2	0	0	-1	-1	0	0	5	11
30% Exceedance	4	-3	3	-1	0	0	0	0	0	1	10	5
40% Exceedance	-1	1	-2	0	0	0	0	0	-2	-1	-4	3
50% Exceedance	15	2	0	0	0	0	0	0	-1	-1	-3	7
60% Exceedance	2	-1	0	0	0	0	0	0	0	0	3	2
70% Exceedance	0	1	0	0	0	0	0	0	0	0	3	1
80% Exceedance	1	0	0	0	0	0	0	0	0	0	3	1
90% Exceedance	0	0	0	0	0	0	0	0	0	0	4	1
Full Simulation Period Average[a]	3	0	-1	0	0	0	0	0	0	0	3	3
Wet Water Years (32%)	4	0	-2	0	0	0	0	0	0	0	2	1
Above Normal Years (9%)	1	-1	0	0	0	0	0	0	0	0	4	0
Below Normal Years (20%)	4	1	0	0	0	0	0	0	-1	0	-3	6
Dry Water Years (21%)	0	0	0	0	-1	-1	-1	-1	0	0	11	8
Critical Water Years (18%)	6	0	-1	1	0	0	0	2	2	2	-2	1

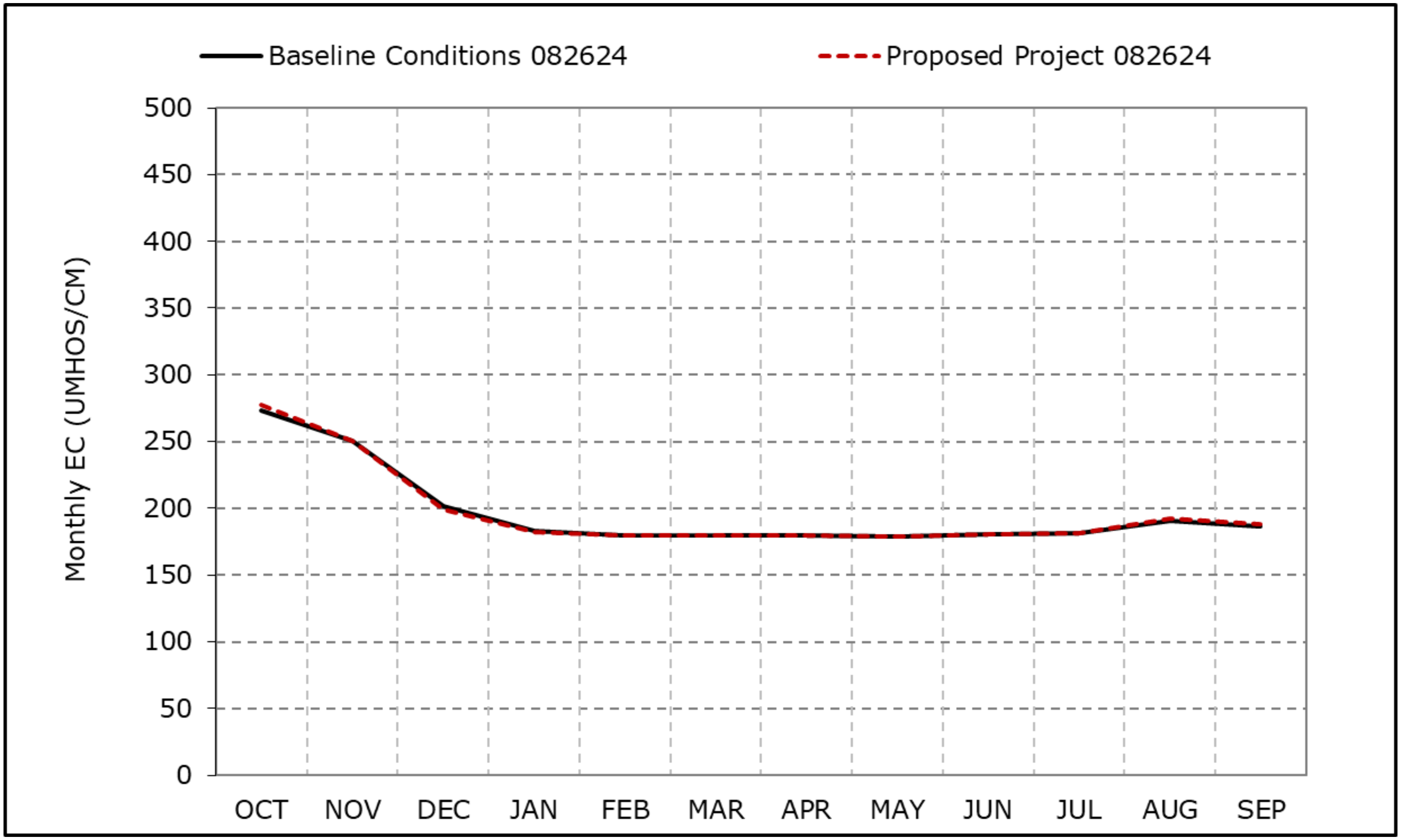
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-4a. Sacramento River at Rio Vista Salinity, Long-Term Average EC



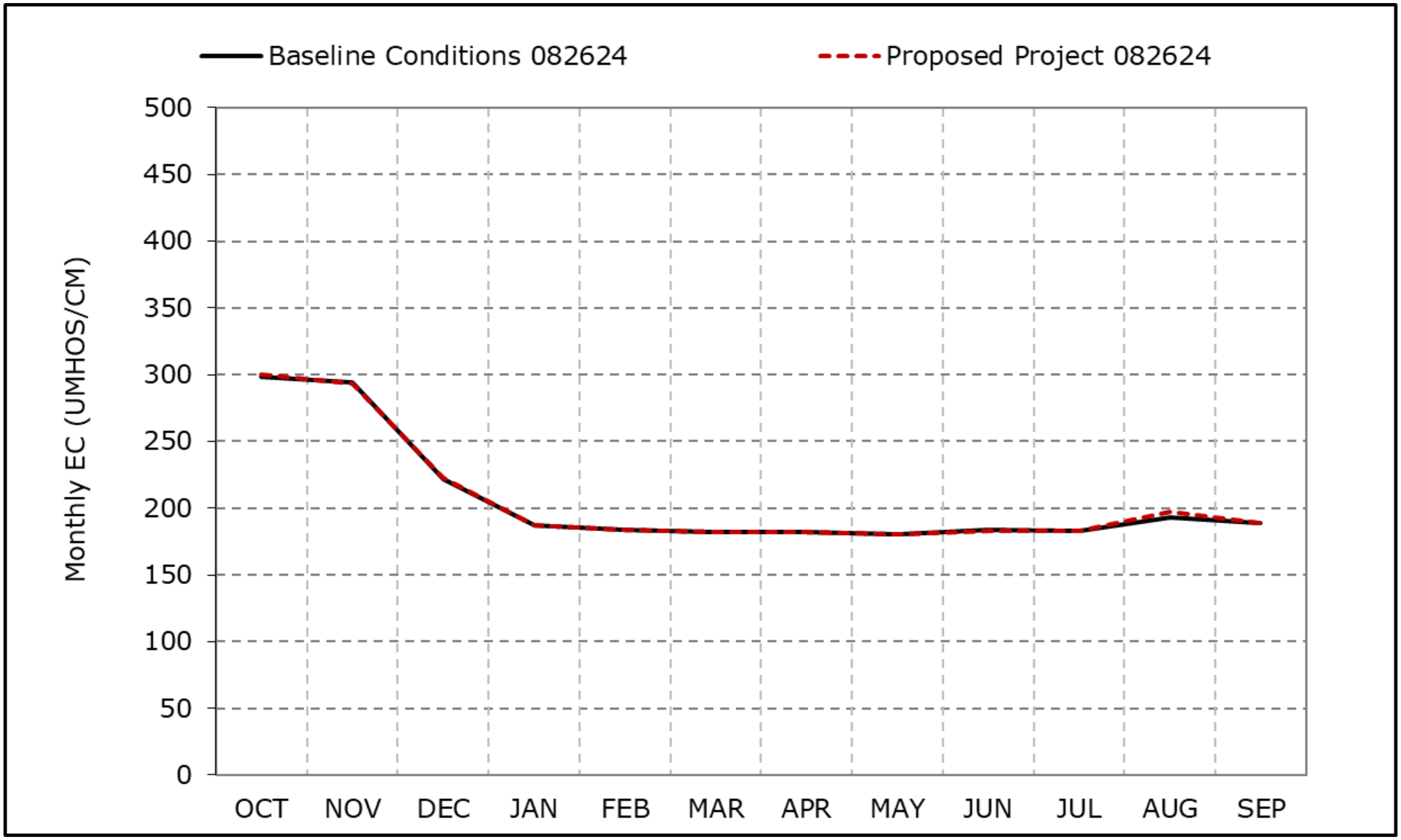
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4b. Sacramento River at Rio Vista Salinity, Wet Year Average EC



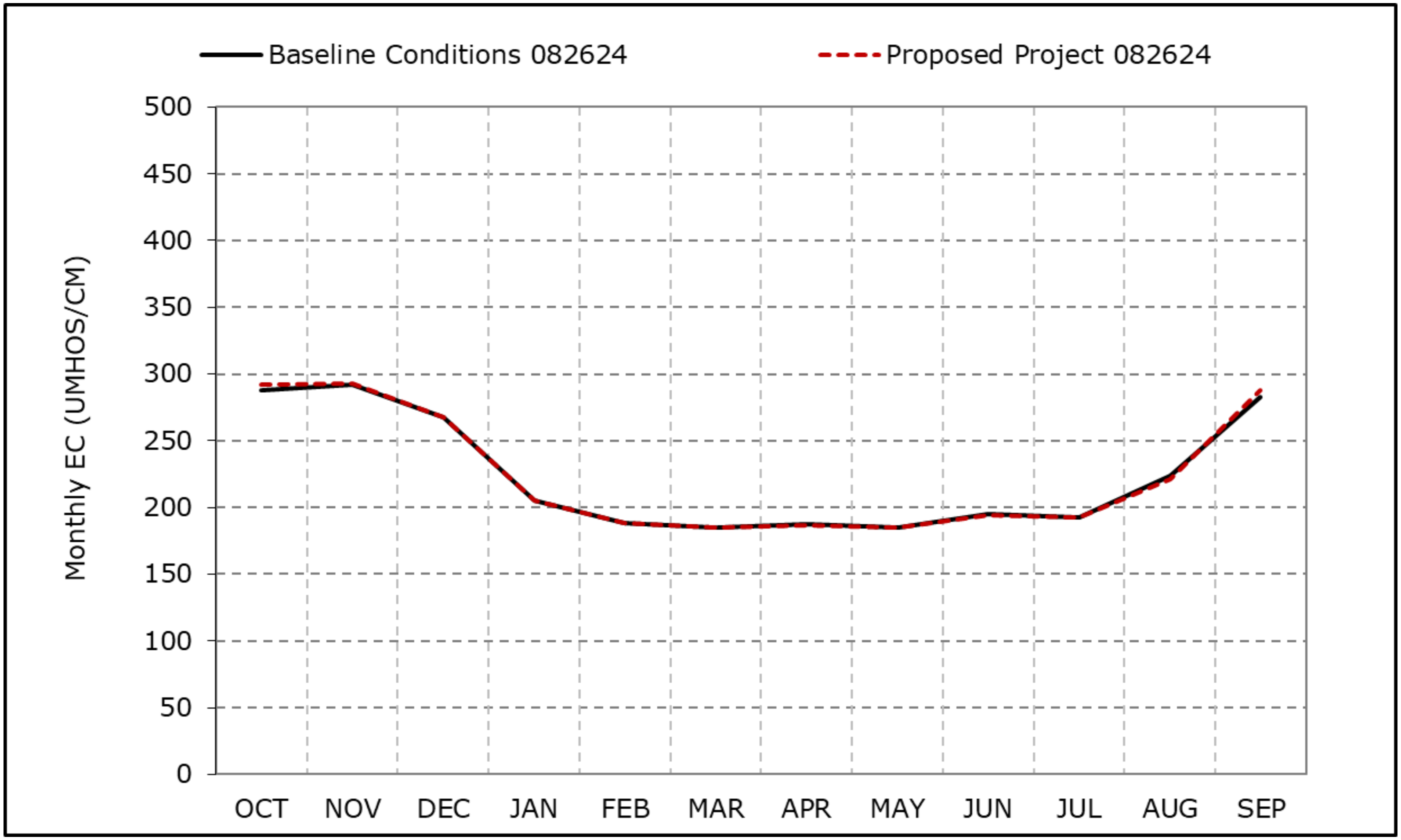
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4c. Sacramento River at Rio Vista Salinity, Above Normal Year Average EC



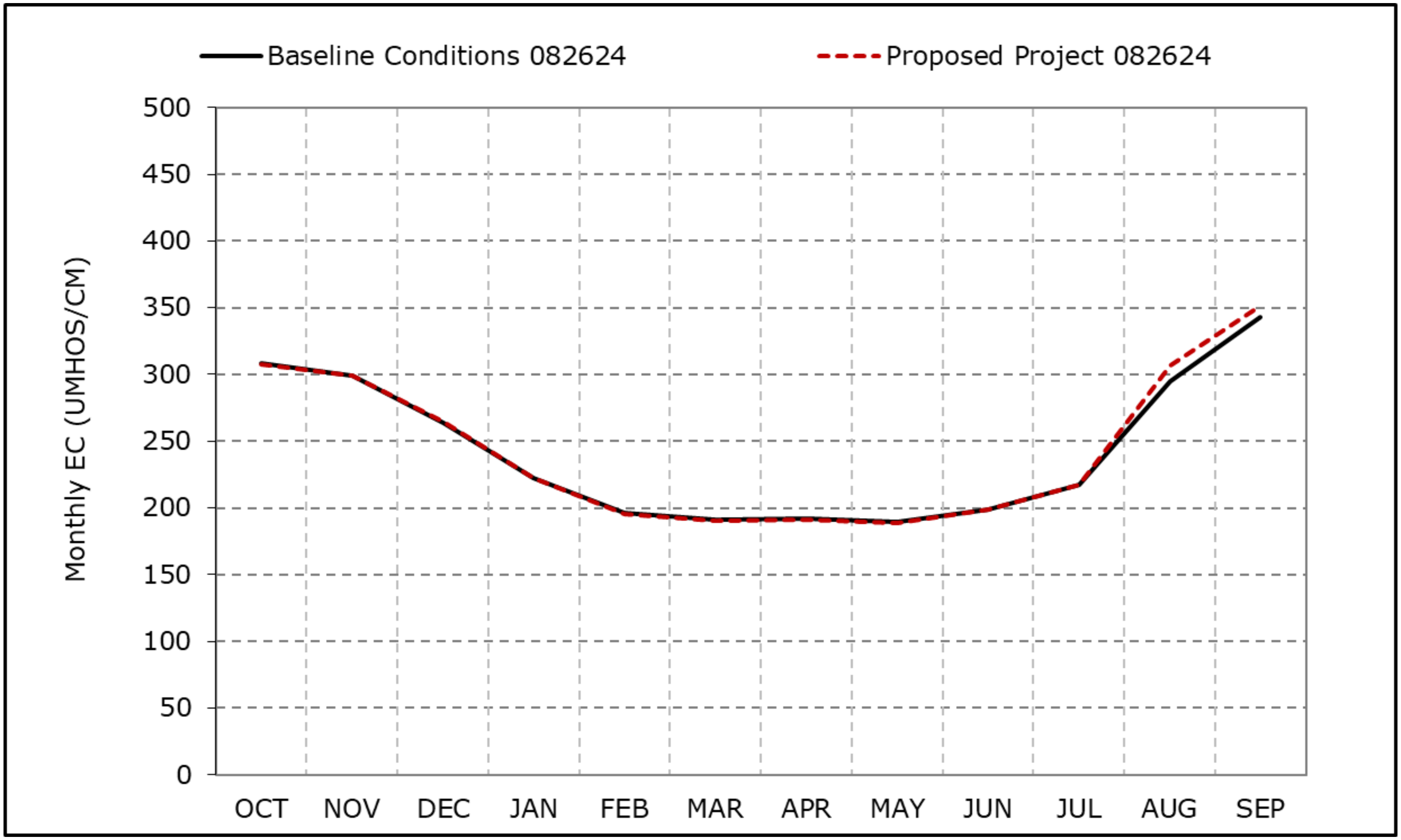
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4d. Sacramento River at Rio Vista Salinity, Below Normal Year Average EC



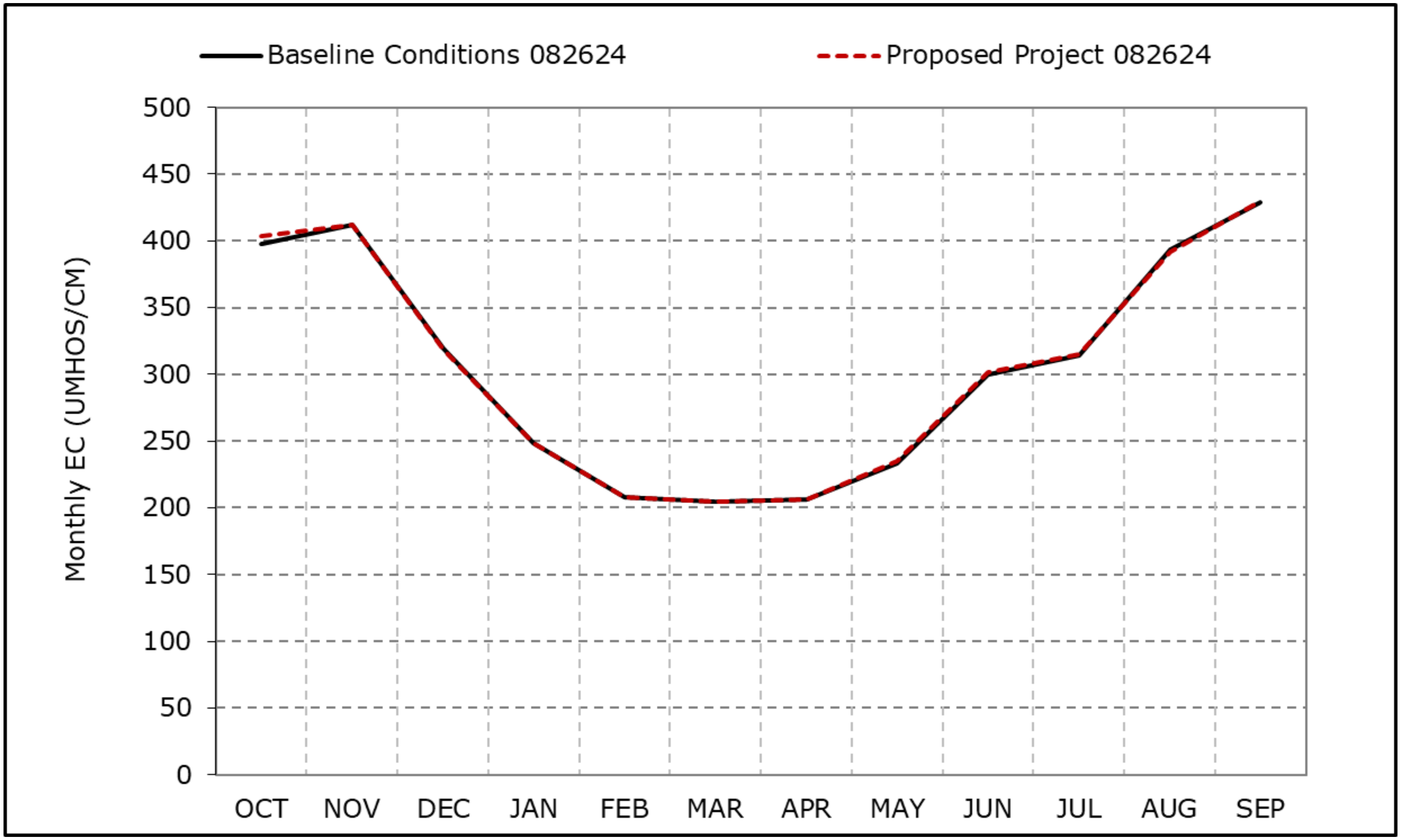
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4e. Sacramento River at Rio Vista Salinity, Dry Year Average EC



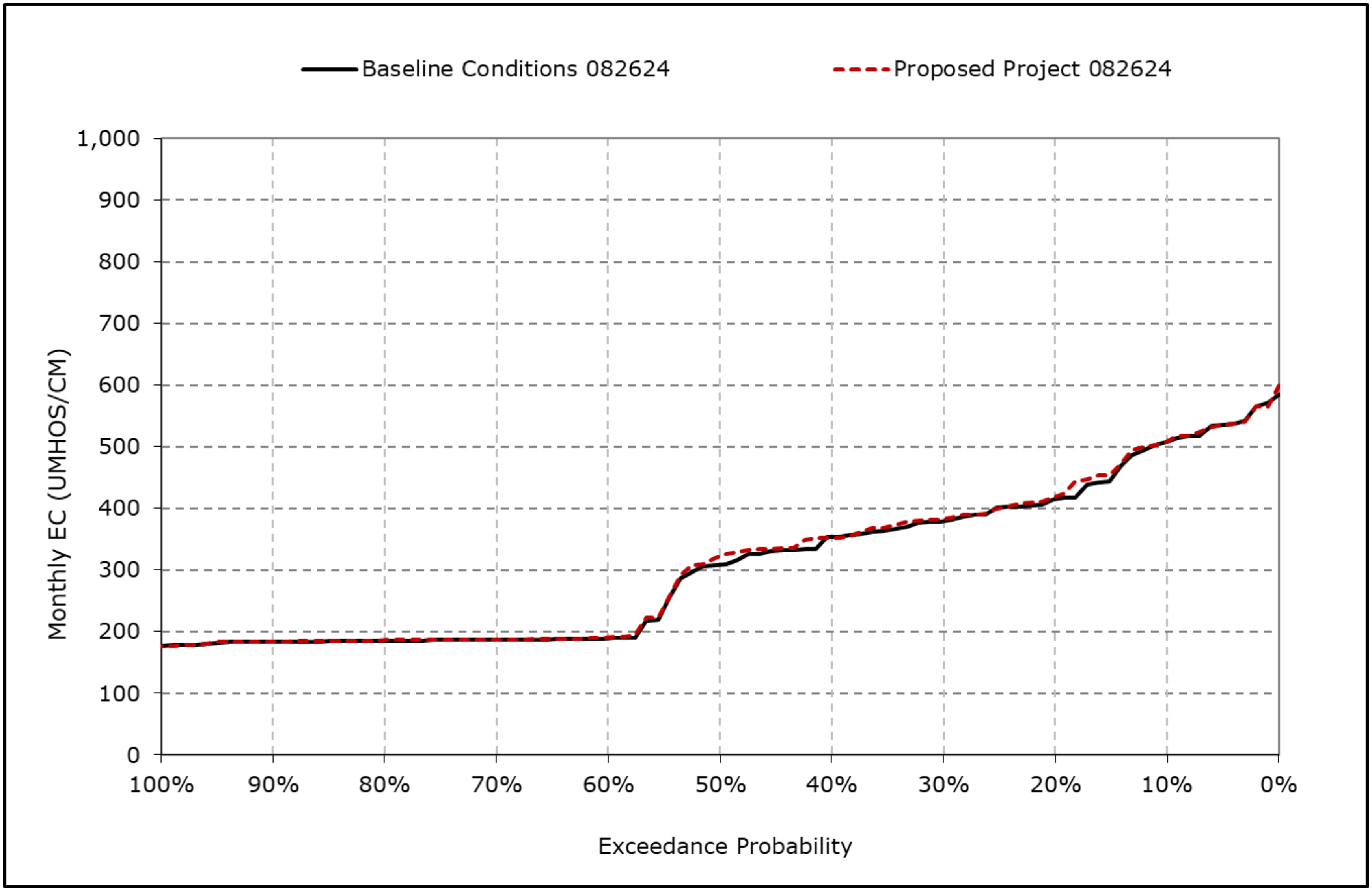
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4f. Sacramento River at Rio Vista Salinity, Critical Year Average EC



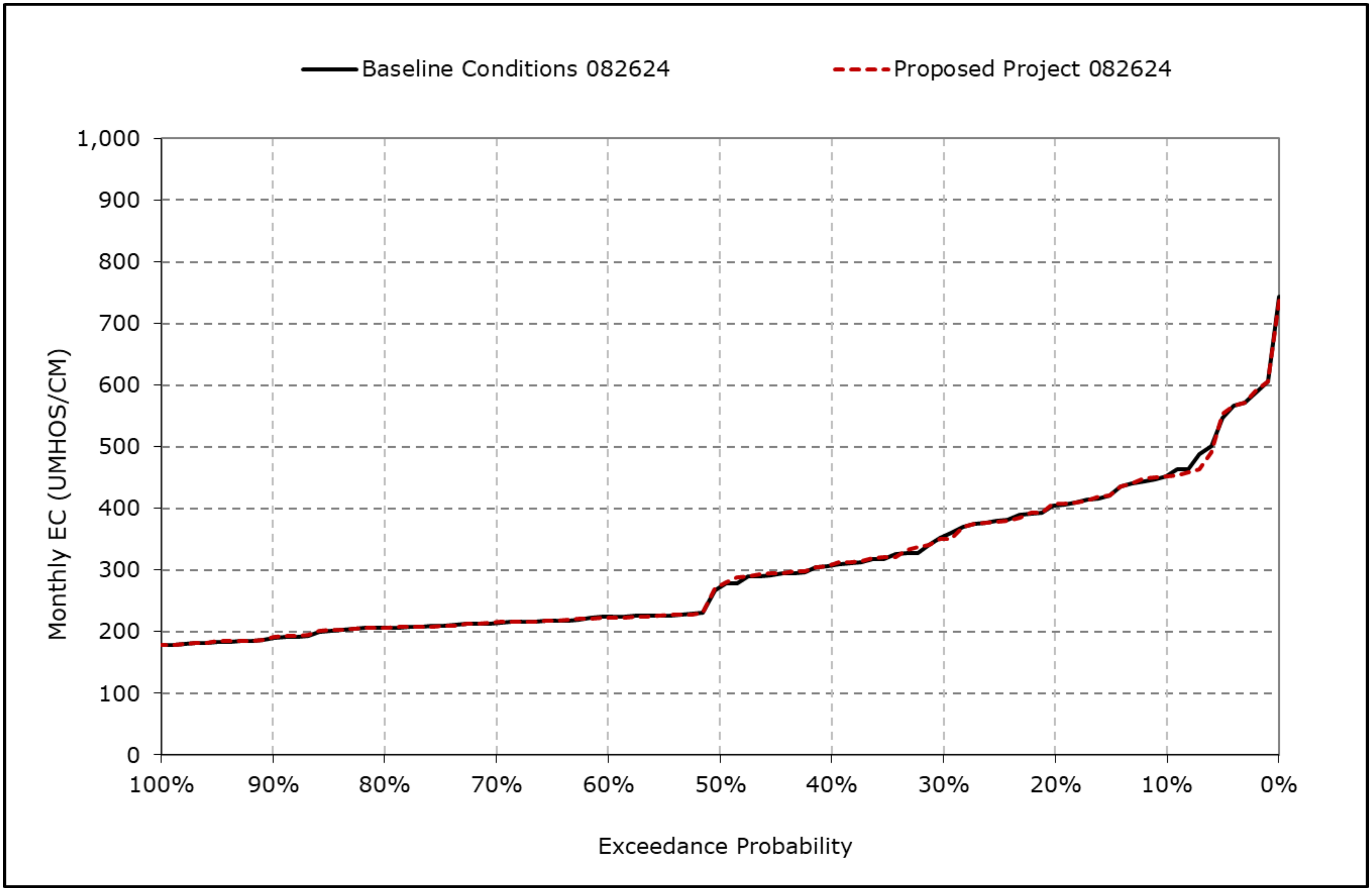
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4g. Sacramento River at Rio Vista Salinity, October EC



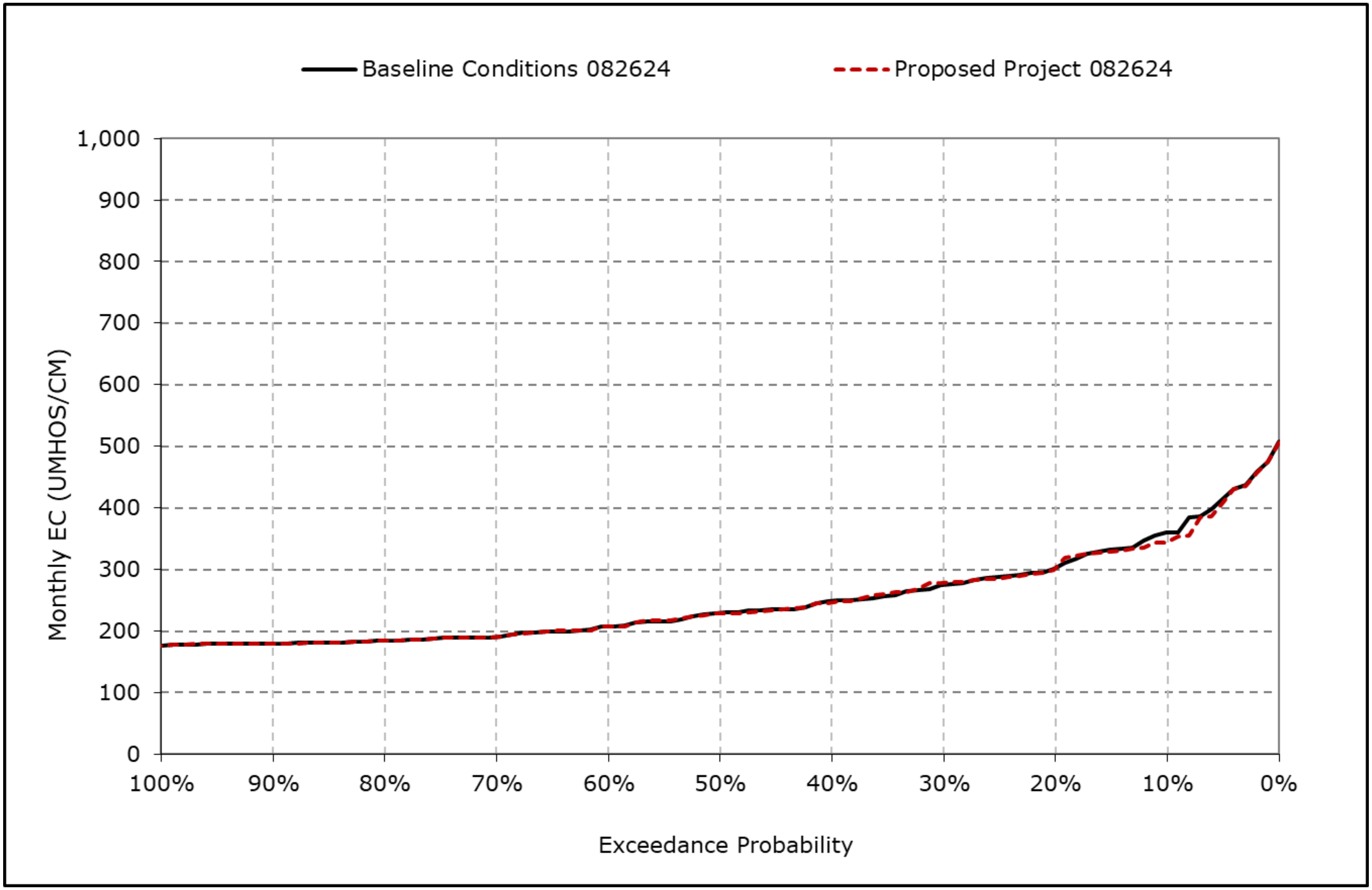
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4h. Sacramento River at Rio Vista Salinity, November EC



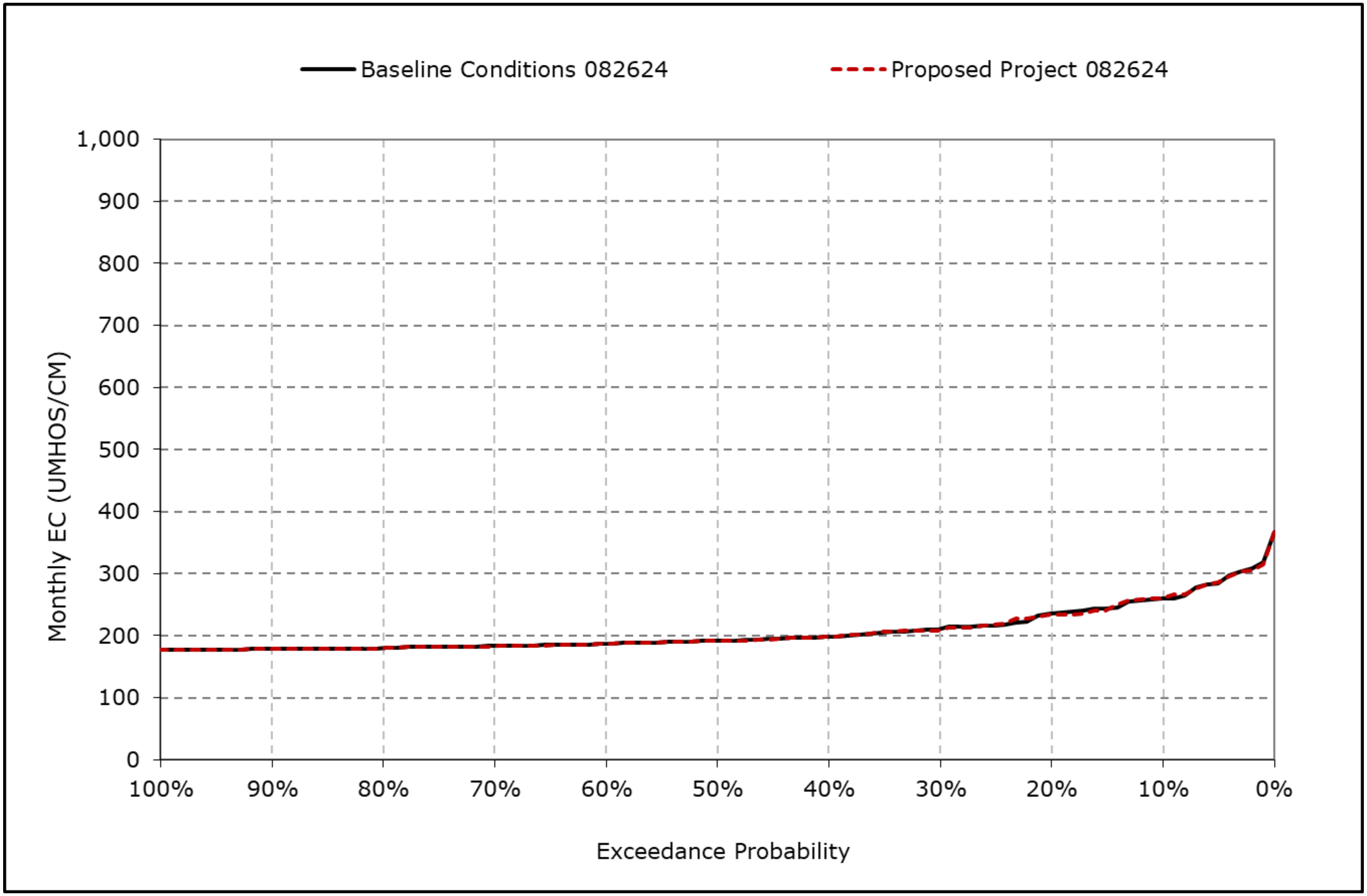
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4i. Sacramento River at Rio Vista Salinity, December EC



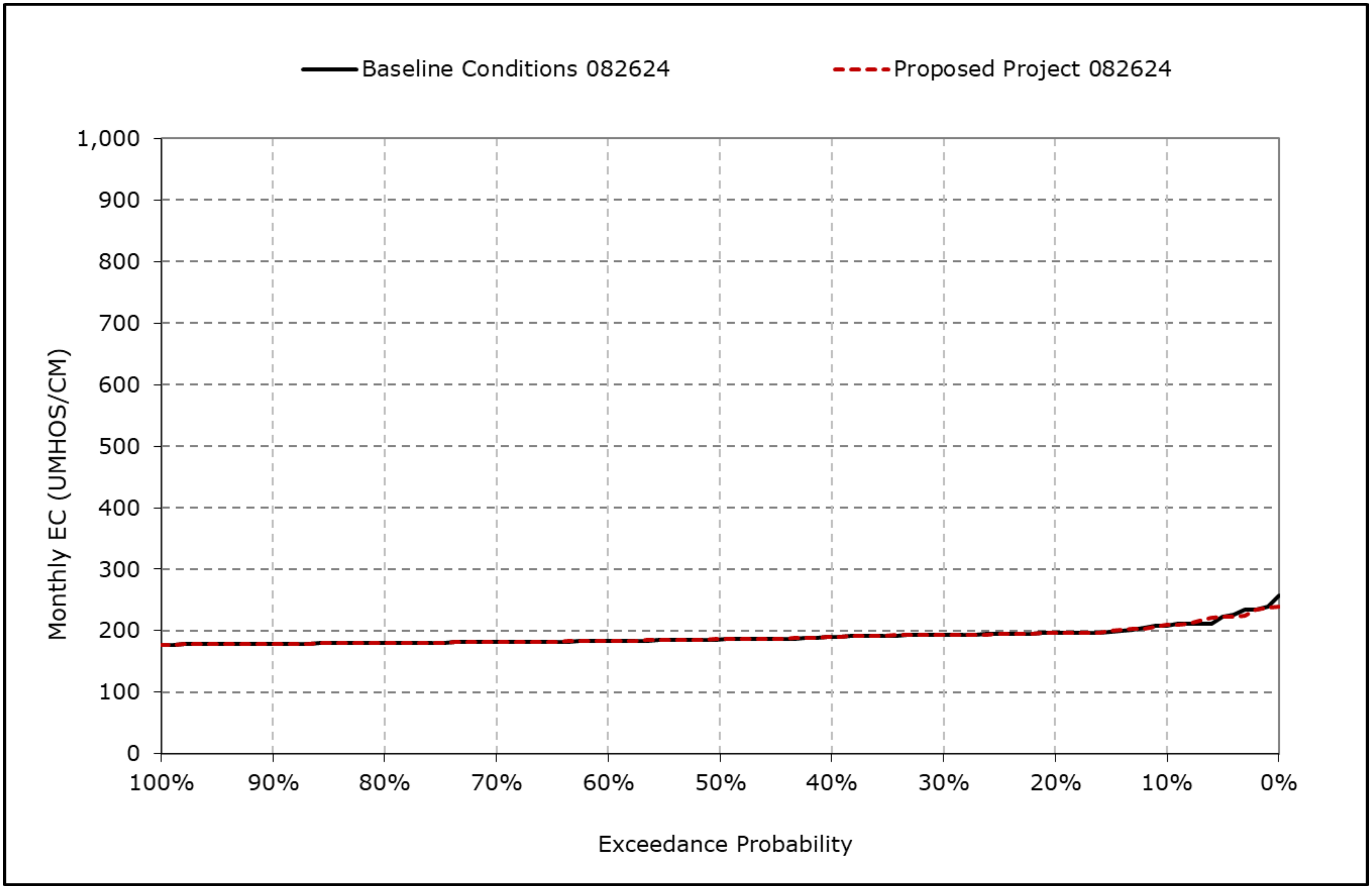
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4j. Sacramento River at Rio Vista Salinity, January EC



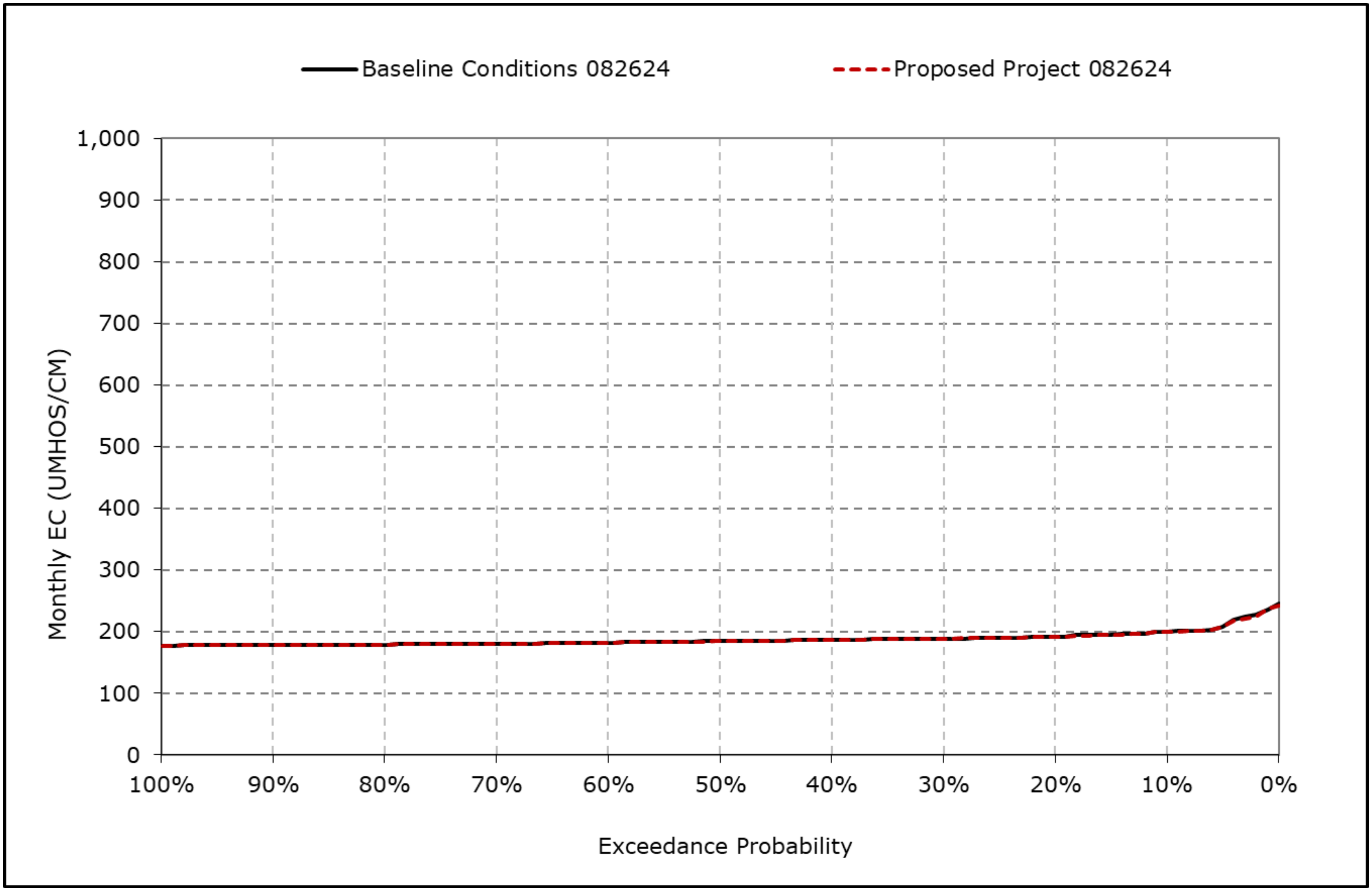
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4k. Sacramento River at Rio Vista Salinity, February EC



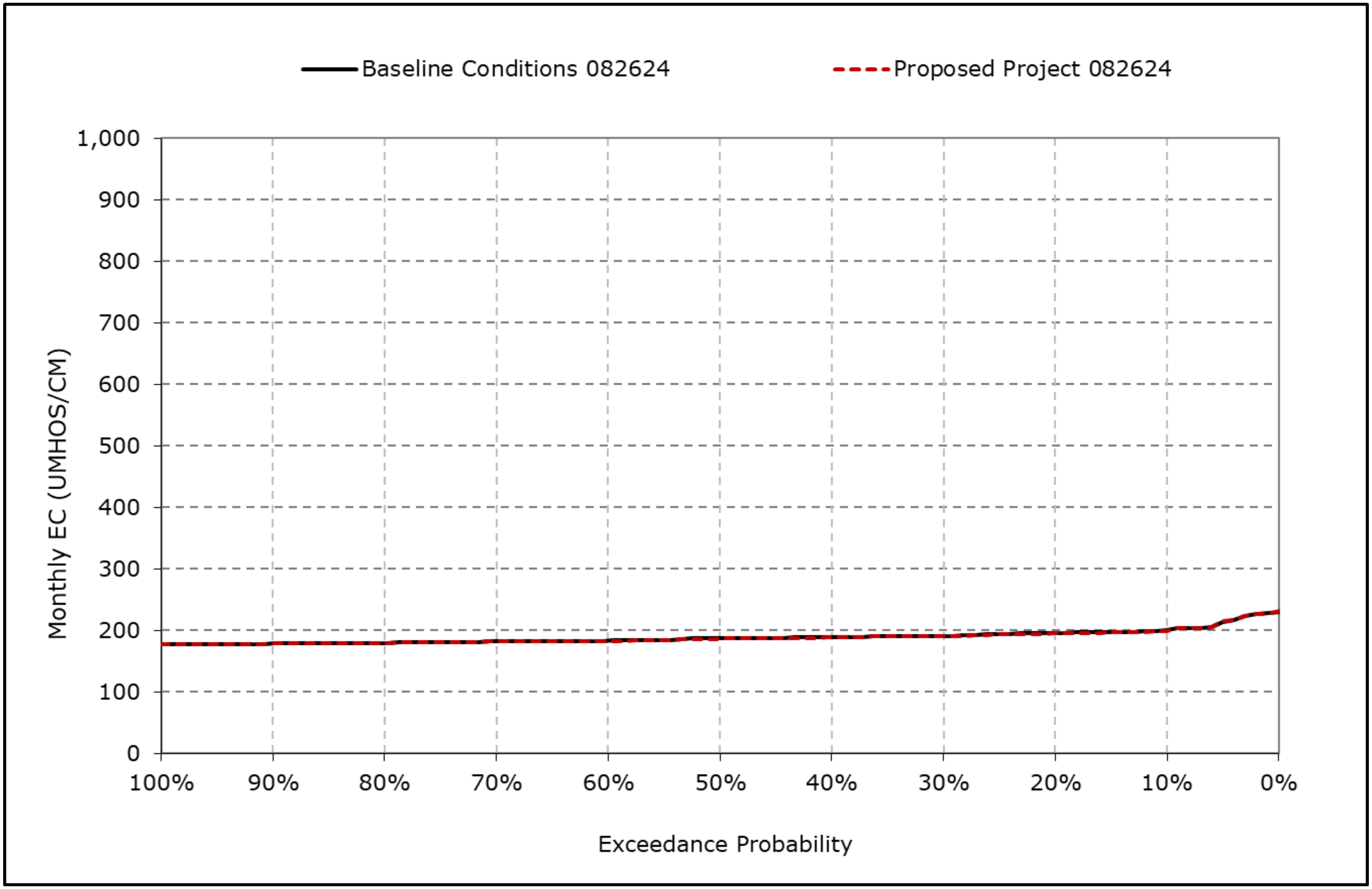
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4l. Sacramento River at Rio Vista Salinity, March EC



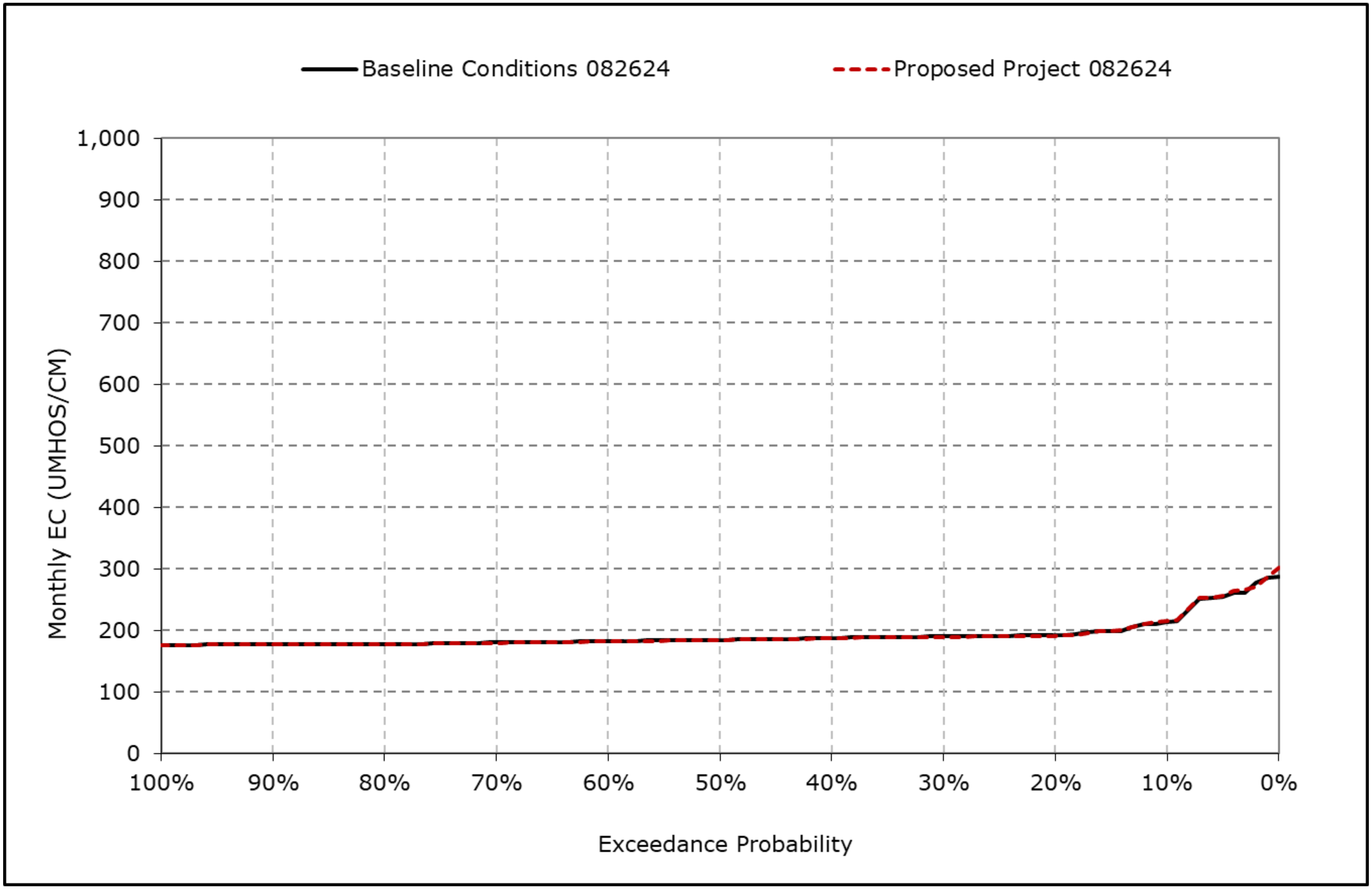
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4m. Sacramento River at Rio Vista Salinity, April EC



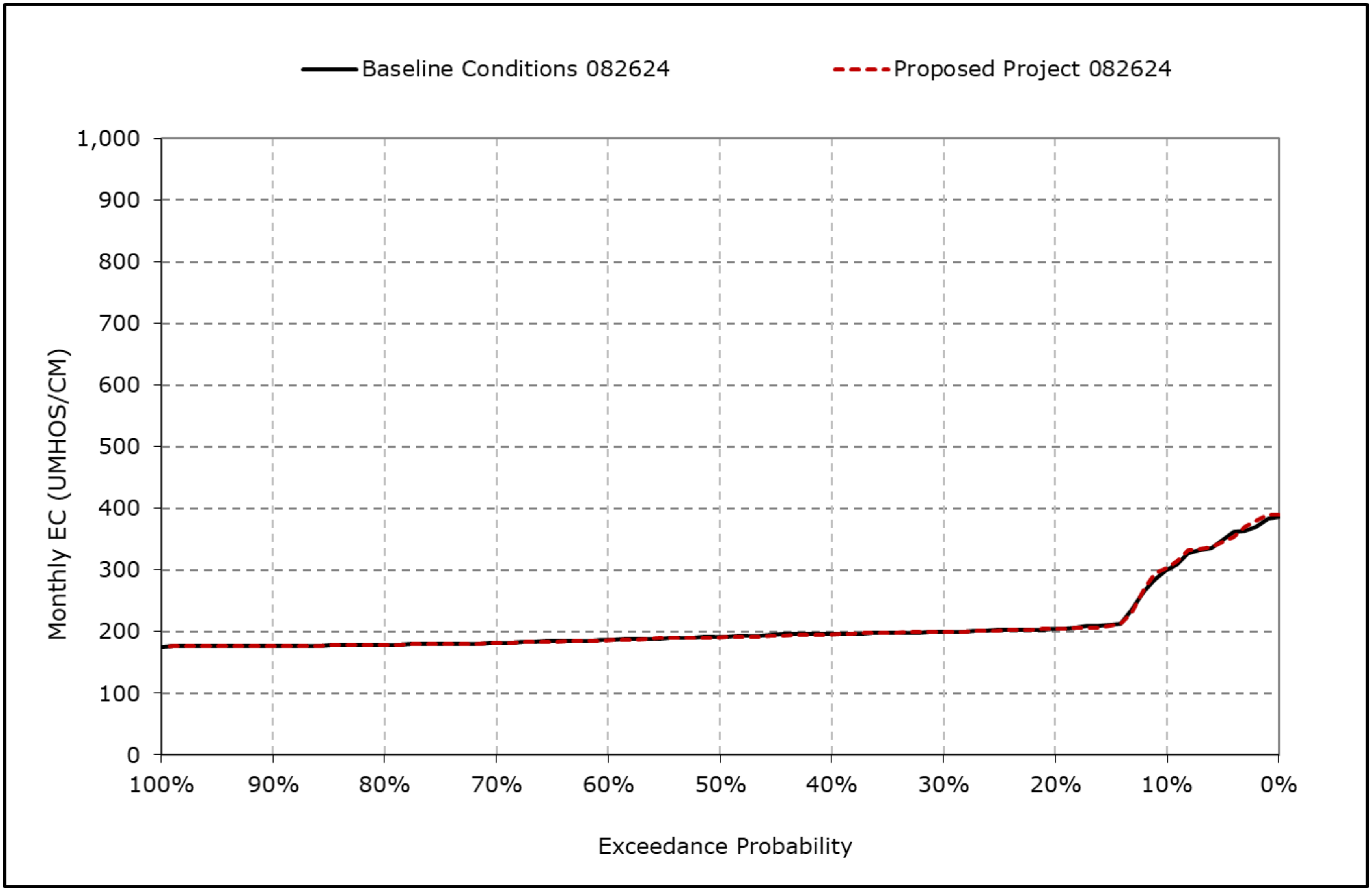
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4n. Sacramento River at Rio Vista Salinity, May EC



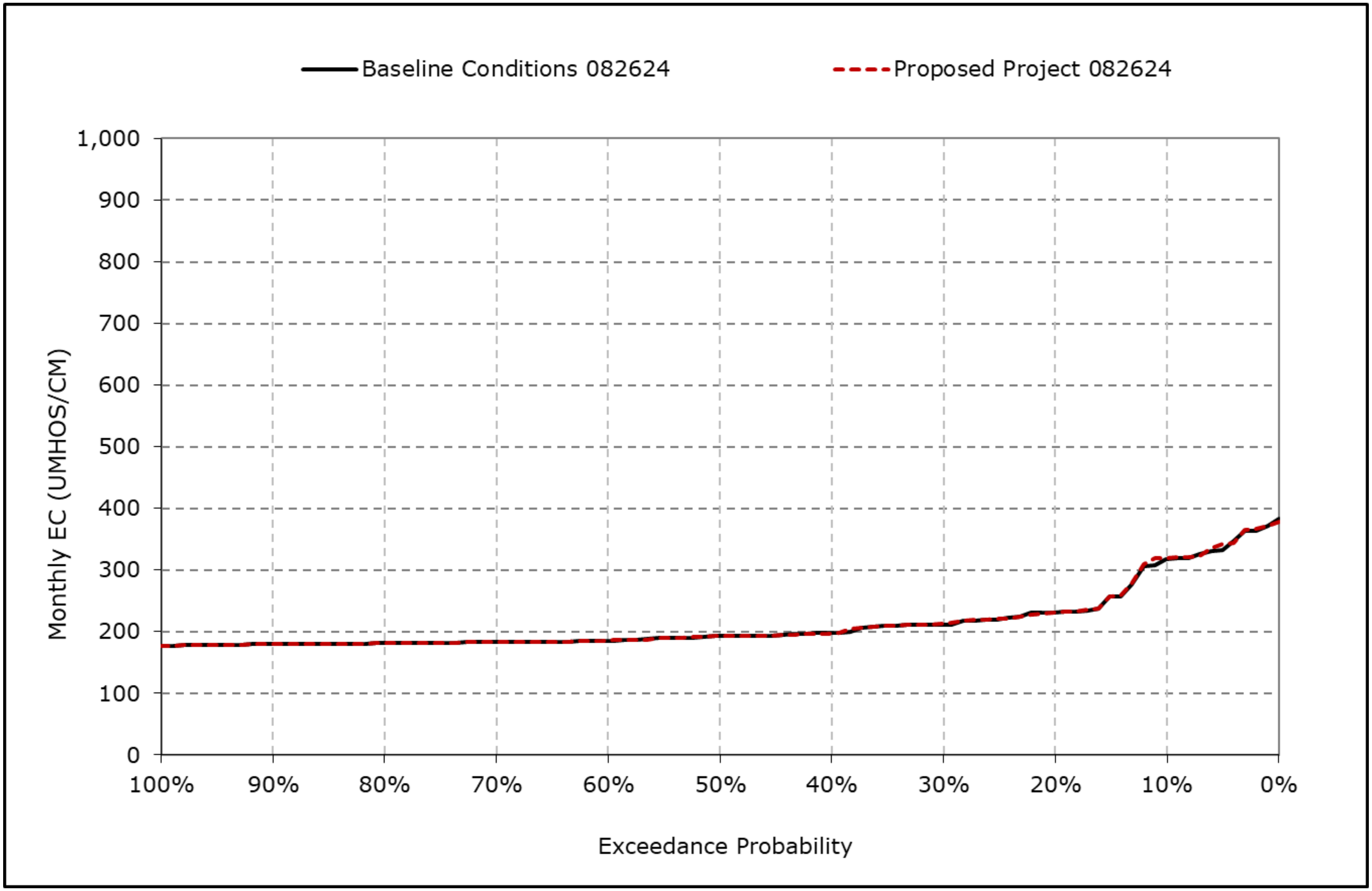
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4o. Sacramento River at Rio Vista Salinity, June EC



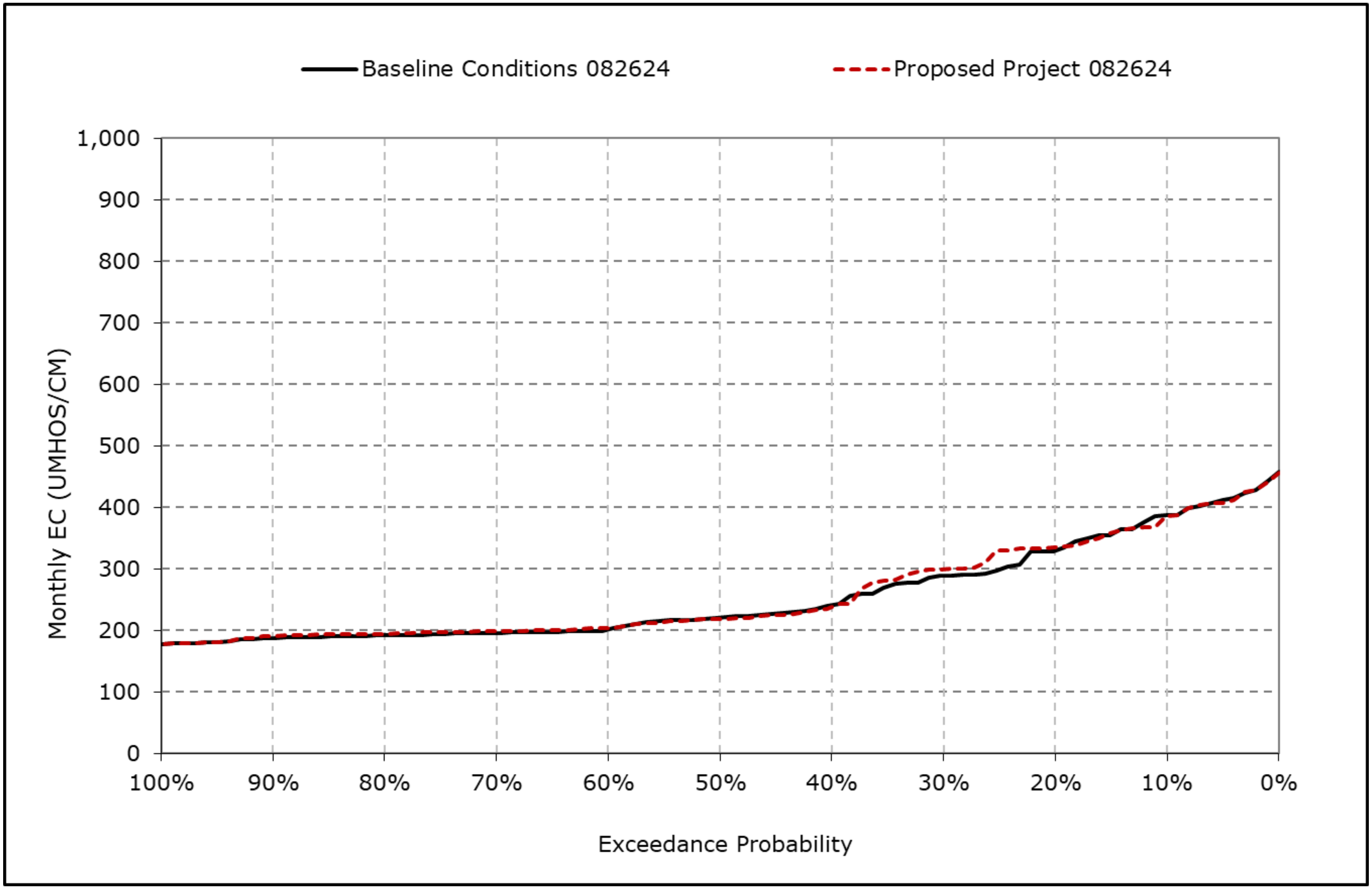
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4p. Sacramento River at Rio Vista Salinity, July EC



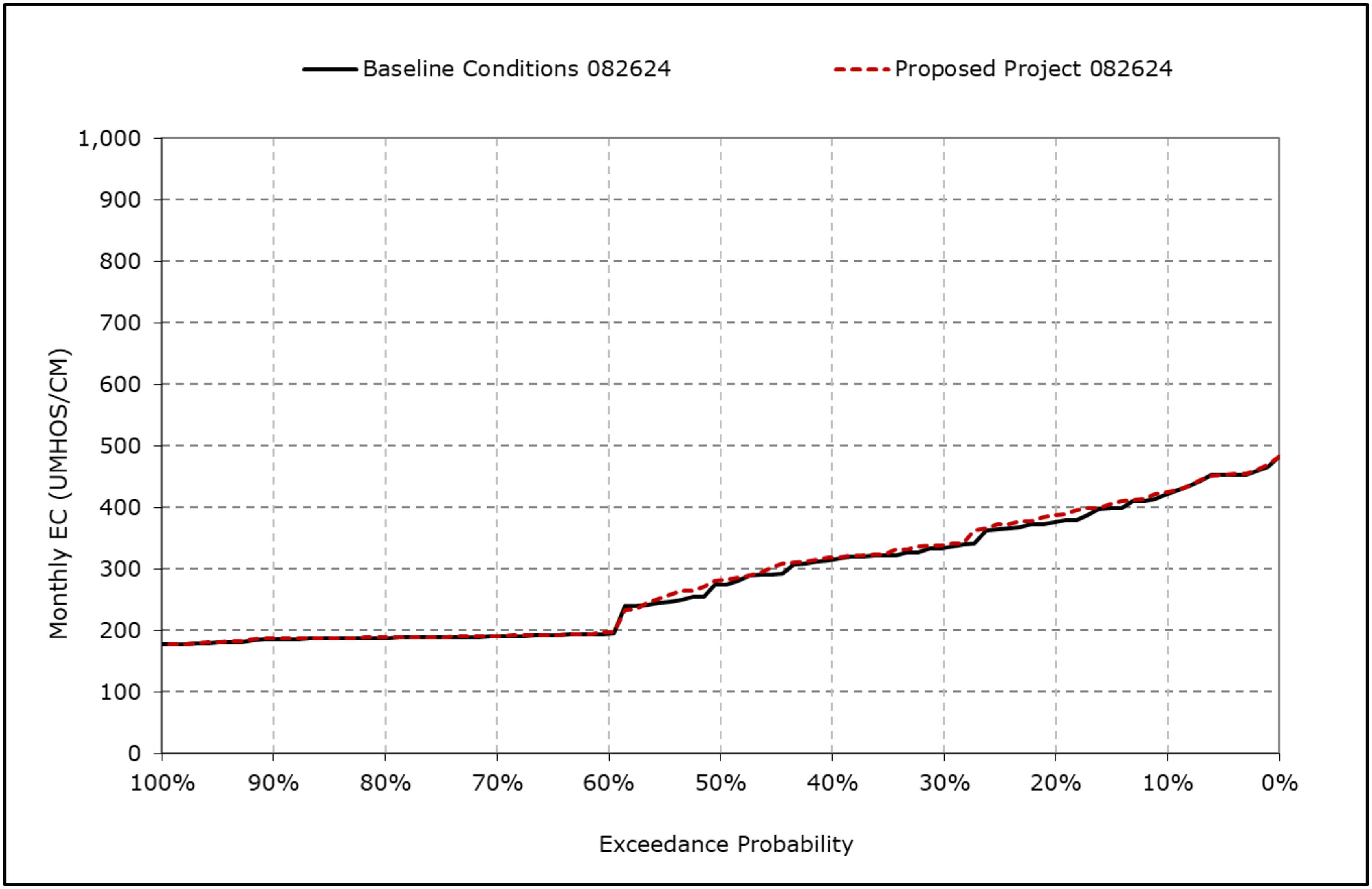
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-4q. Sacramento River at Rio Vista Salinity, August EC



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

Figure 4B-6-4r. Sacramento River at Rio Vista Salinity, September EC



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

Table 4B-6-5-1a. Sacramento River at Emmaton Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,639	3,135	2,168	1,226	441	345	421	706	1,506	1,947	2,524	3,261
20% Exceedance	3,002	2,828	1,720	840	292	240	307	386	688	1,077	2,131	2,897
30% Exceedance	2,729	2,422	1,332	559	238	204	250	334	591	846	1,786	2,402
40% Exceedance	2,425	2,008	992	334	210	195	219	246	551	622	1,207	2,167
50% Exceedance	1,973	1,493	744	272	197	193	202	212	427	484	910	1,636
60% Exceedance	449	947	518	230	190	188	192	199	322	373	653	475
70% Exceedance	396	794	302	189	184	183	189	189	216	314	562	422
80% Exceedance	374	686	238	183	182	181	184	181	183	276	520	396
90% Exceedance	340	343	197	180	180	180	179	177	177	238	428	369
Full Simulation Period Average[a]	1,753	1,665	984	504	268	241	273	359	587	734	1,227	1,590
Wet Water Years (32%)	1,433	1,160	440	217	182	181	184	187	225	267	464	367
Above Normal Years (9%)	1,633	1,437	680	238	190	186	191	197	277	312	541	405
Below Normal Years (20%)	1,542	1,601	1,182	470	223	195	216	236	474	501	981	1,654
Dry Water Years (21%)	1,739	1,729	1,151	667	305	248	282	325	569	893	1,775	2,496
Critical Water Years (18%)	2,633	2,675	1,689	994	466	415	523	922	1,531	1,851	2,560	3,229

Table 4B-6-5-1b. Sacramento River at Emmaton Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

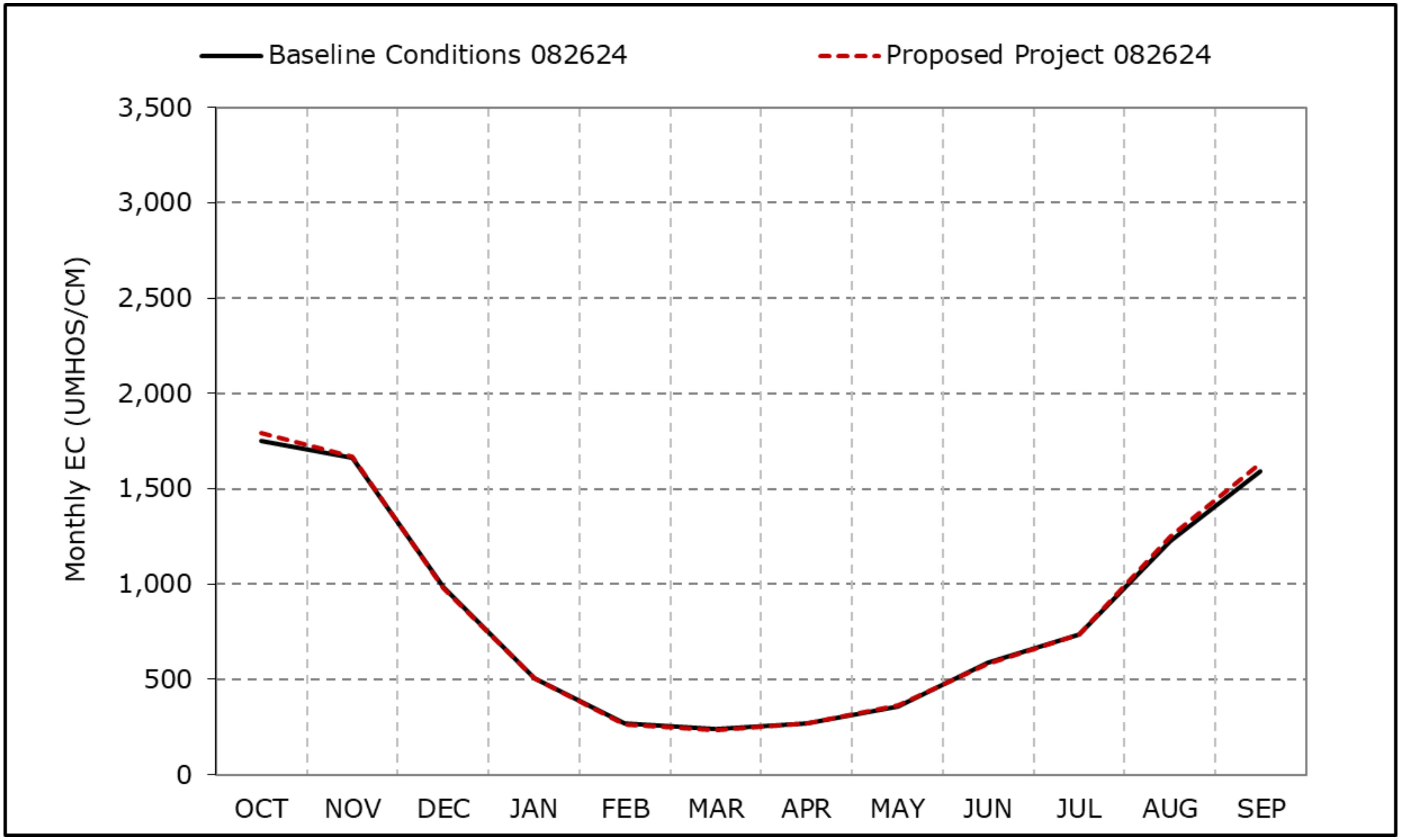
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,630	3,093	2,086	1,191	432	311	428	723	1,545	1,973	2,530	3,284
20% Exceedance	3,098	2,826	1,742	815	296	229	302	369	661	1,061	2,184	2,932
30% Exceedance	2,766	2,454	1,332	571	240	203	253	328	594	854	1,844	2,526
40% Exceedance	2,498	2,018	987	337	210	195	219	250	524	589	1,159	2,195
50% Exceedance	2,107	1,566	737	272	197	193	202	215	421	481	858	1,673
60% Exceedance	453	924	514	229	190	188	191	198	319	373	695	486
70% Exceedance	405	786	302	189	184	183	188	188	210	311	594	423
80% Exceedance	384	687	238	183	182	181	183	181	182	270	561	404
90% Exceedance	348	349	197	180	180	180	179	177	177	237	490	369
Full Simulation Period Average[a]	1,793	1,669	978	503	266	237	269	362	585	735	1,246	1,631
Wet Water Years (32%)	1,476	1,159	421	213	182	181	184	189	220	265	497	378
Above Normal Years (9%)	1,641	1,427	684	241	190	186	191	198	270	310	587	393
Below Normal Years (20%)	1,596	1,616	1,179	467	224	195	212	238	462	496	920	1,761
Dry Water Years (21%)	1,744	1,736	1,156	669	300	239	265	311	561	890	1,860	2,574
Critical Water Years (18%)	2,707	2,680	1,687	998	459	407	527	946	1,553	1,866	2,555	3,236

Table 4B-6-5-1c. Sacramento River at Emmaton Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-9	-42	-82	-36	-10	-34	7	18	39	26	7	24
20% Exceedance	96	-2	22	-24	5	-12	-5	-17	-27	-15	54	36
30% Exceedance	37	32	0	12	2	-1	2	-6	3	8	58	124
40% Exceedance	72	10	-5	3	0	0	0	4	-27	-33	-48	28
50% Exceedance	134	73	-7	0	0	0	-1	3	-6	-4	-53	36
60% Exceedance	4	-23	-4	-1	0	0	0	-1	-3	1	42	11
70% Exceedance	9	-7	0	0	0	0	-1	-1	-6	-3	32	1
80% Exceedance	10	1	0	0	0	0	0	0	0	-6	41	9
90% Exceedance	8	6	0	0	0	0	0	0	0	-1	62	0
Full Simulation Period Average[a]	40	4	-6	-1	-2	-3	-4	3	-2	0	20	41
Wet Water Years (32%)	43	-1	-19	-4	0	0	0	3	-5	-2	33	11
Above Normal Years (9%)	8	-9	4	3	0	0	0	2	-7	-3	45	-12
Below Normal Years (20%)	55	16	-3	-4	1	0	-4	1	-12	-5	-61	107
Dry Water Years (21%)	5	7	5	2	-5	-9	-17	-14	-8	-3	85	78
Critical Water Years (18%)	74	4	-2	4	-7	-8	4	24	22	15	-5	7

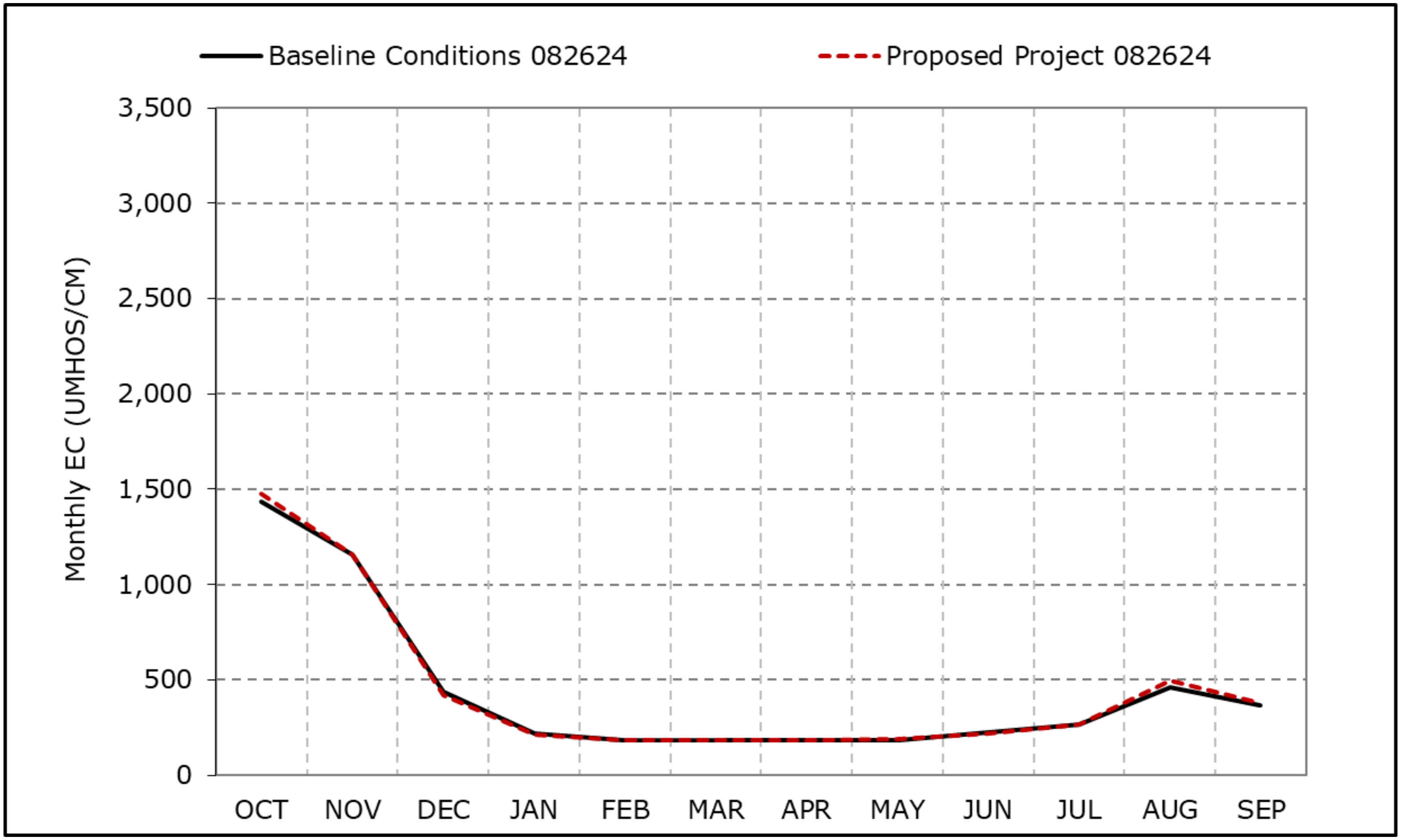
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-5a. Sacramento River at Emmaton Salinity, Long-Term Average EC



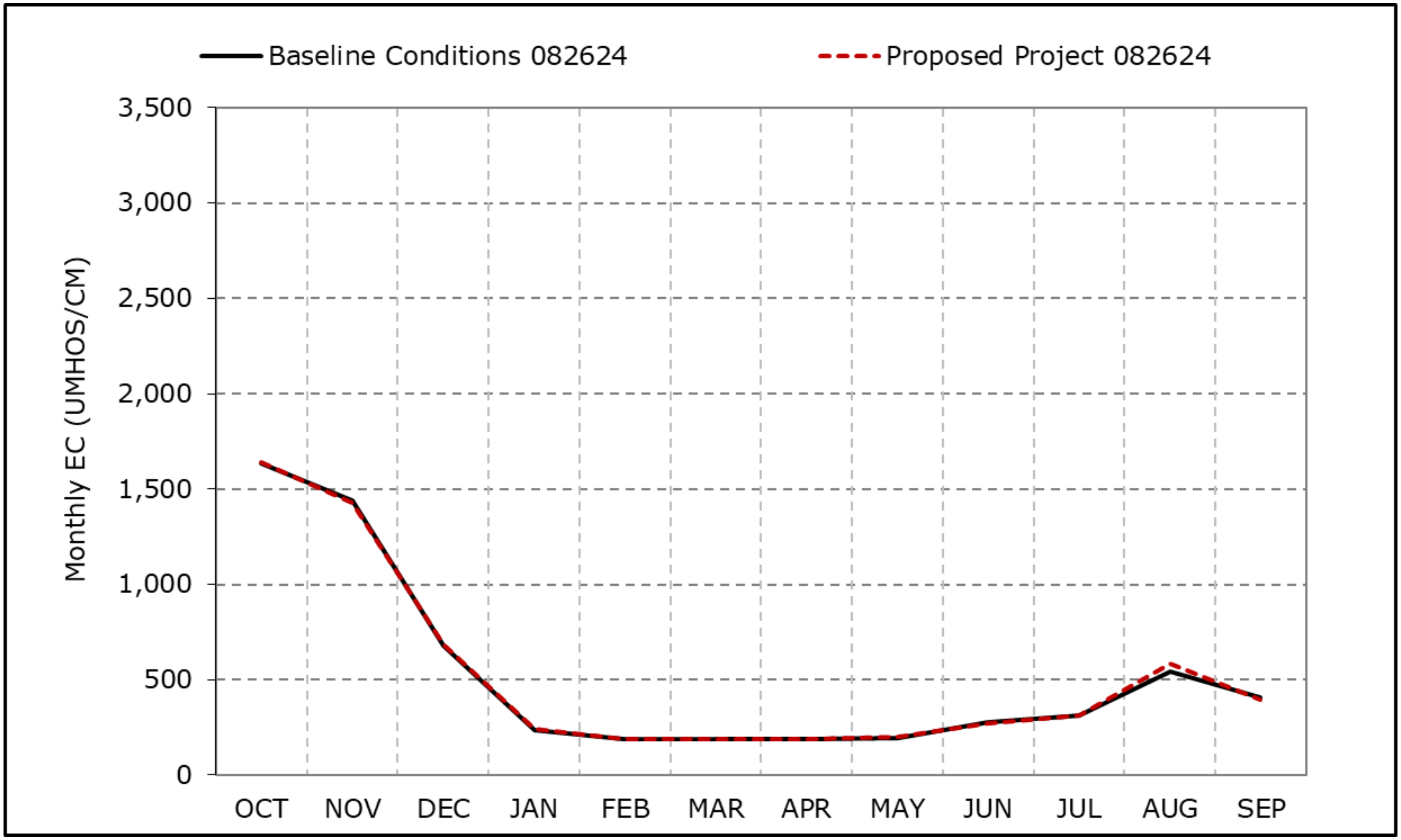
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5b. Sacramento River at Emmaton Salinity, Wet Year Average EC



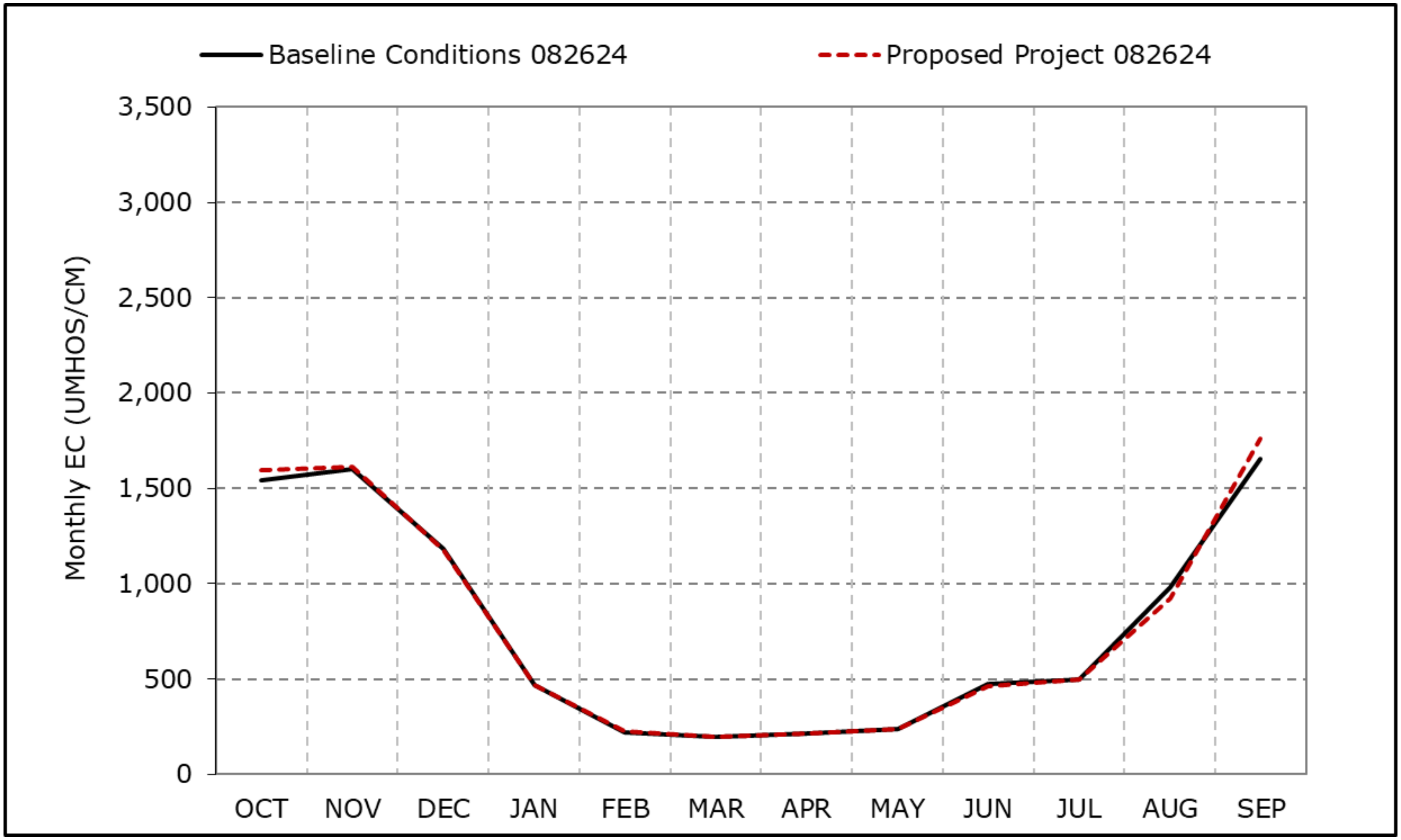
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5c. Sacramento River at Emmaton Salinity, Above Normal Year Average EC



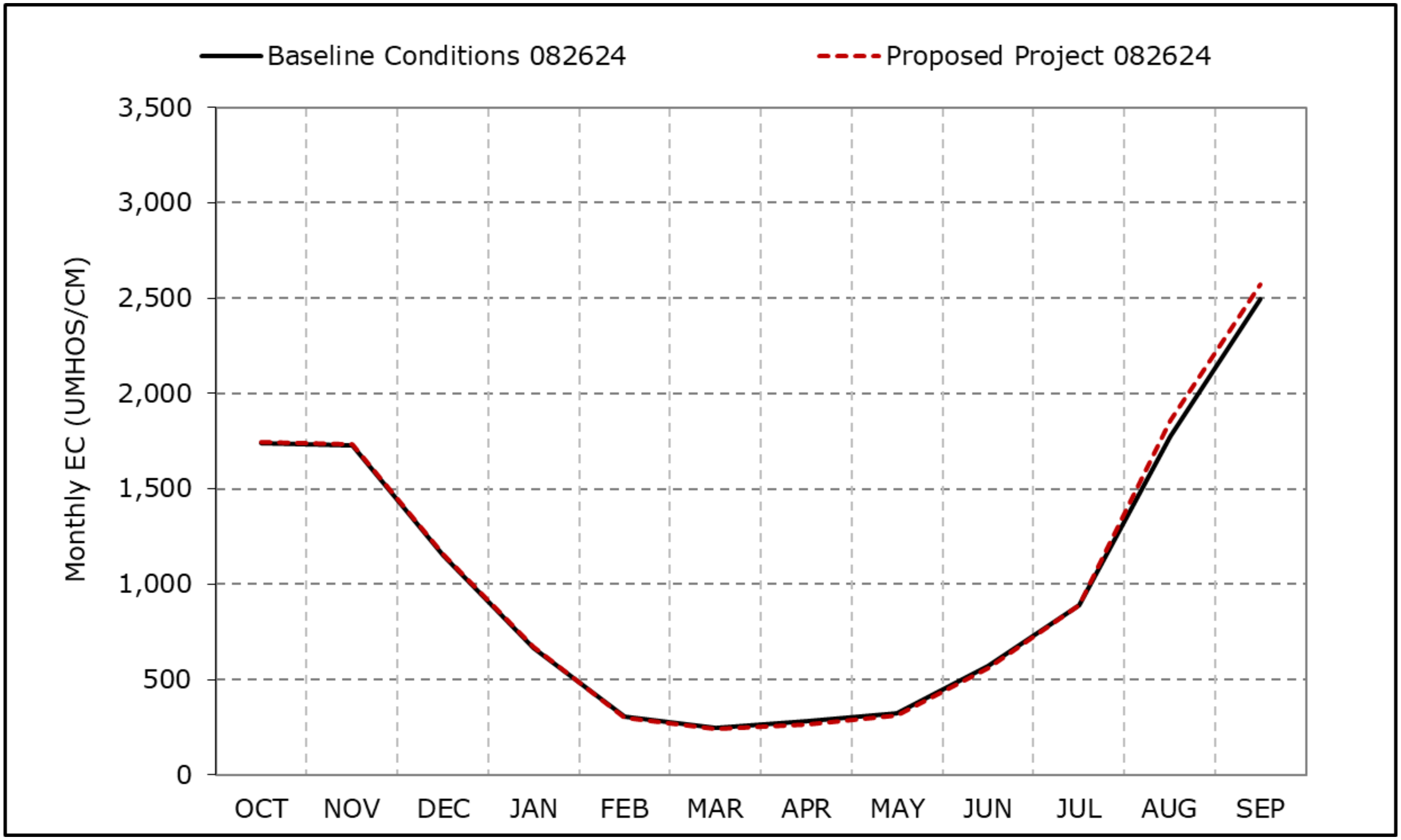
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5d. Sacramento River at Emmaton Salinity, Below Normal Year Average EC



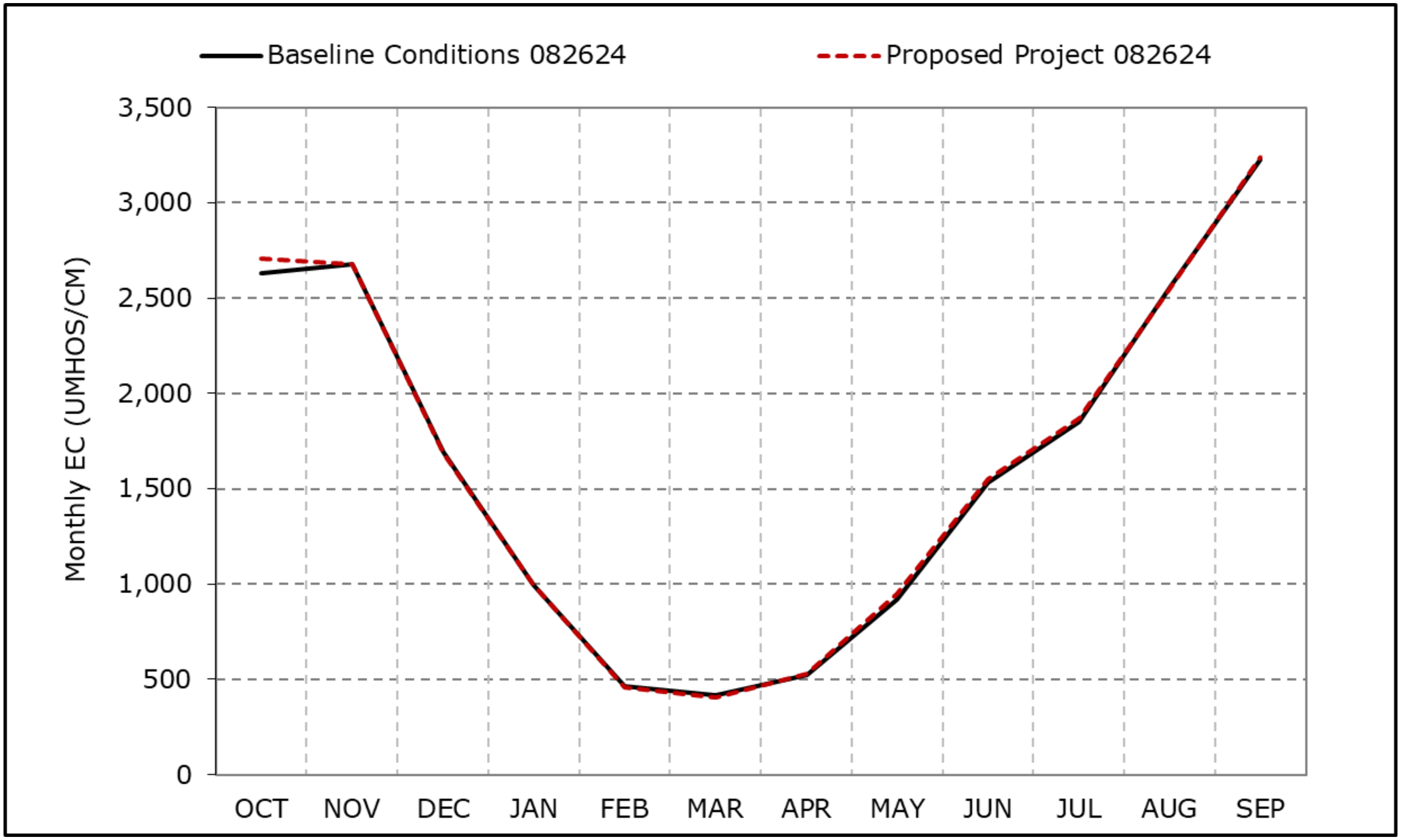
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5e. Sacramento River at Emmaton Salinity, Dry Year Average EC



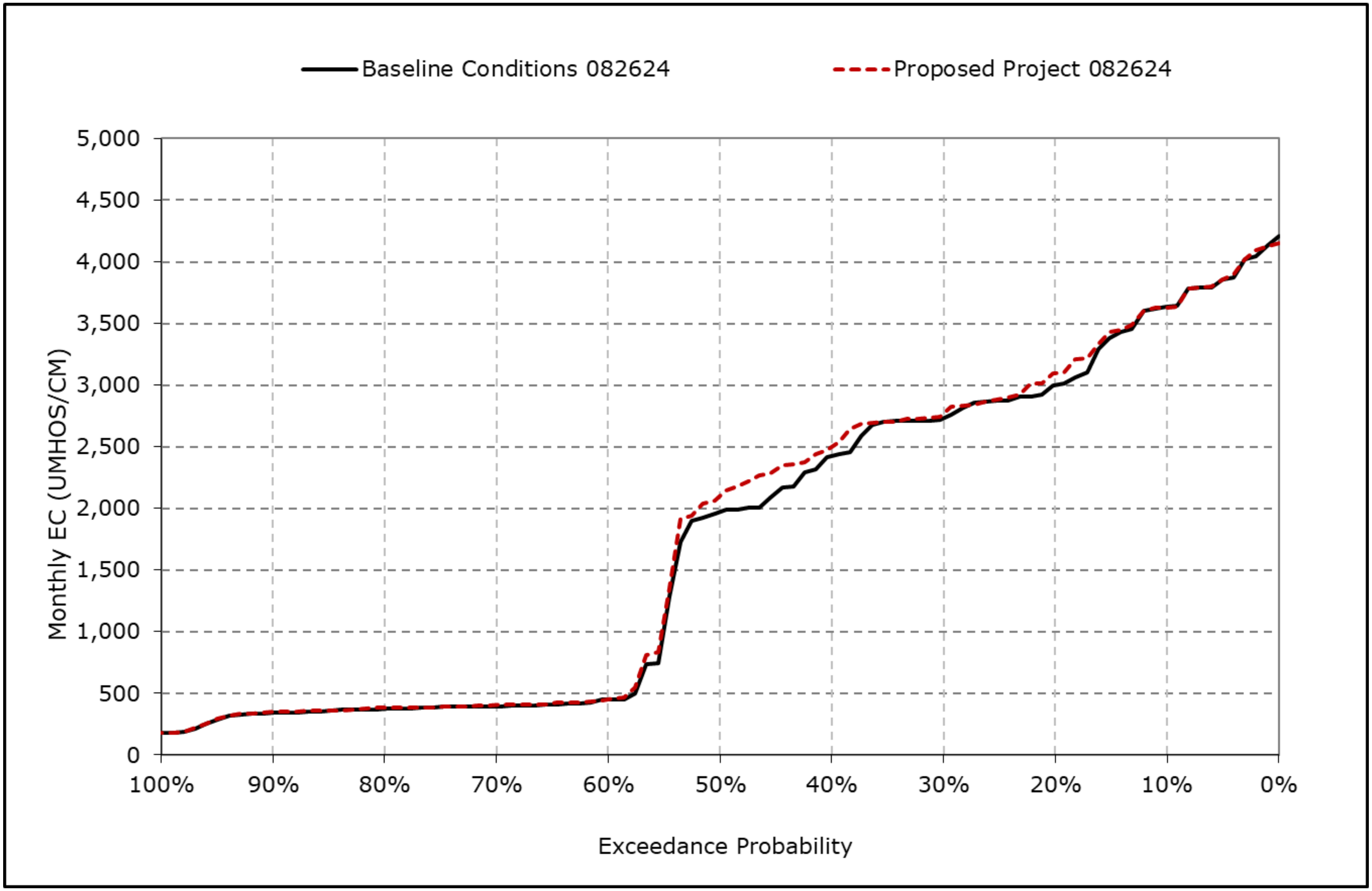
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5f. Sacramento River at Emmaton Salinity, Critical Year Average EC



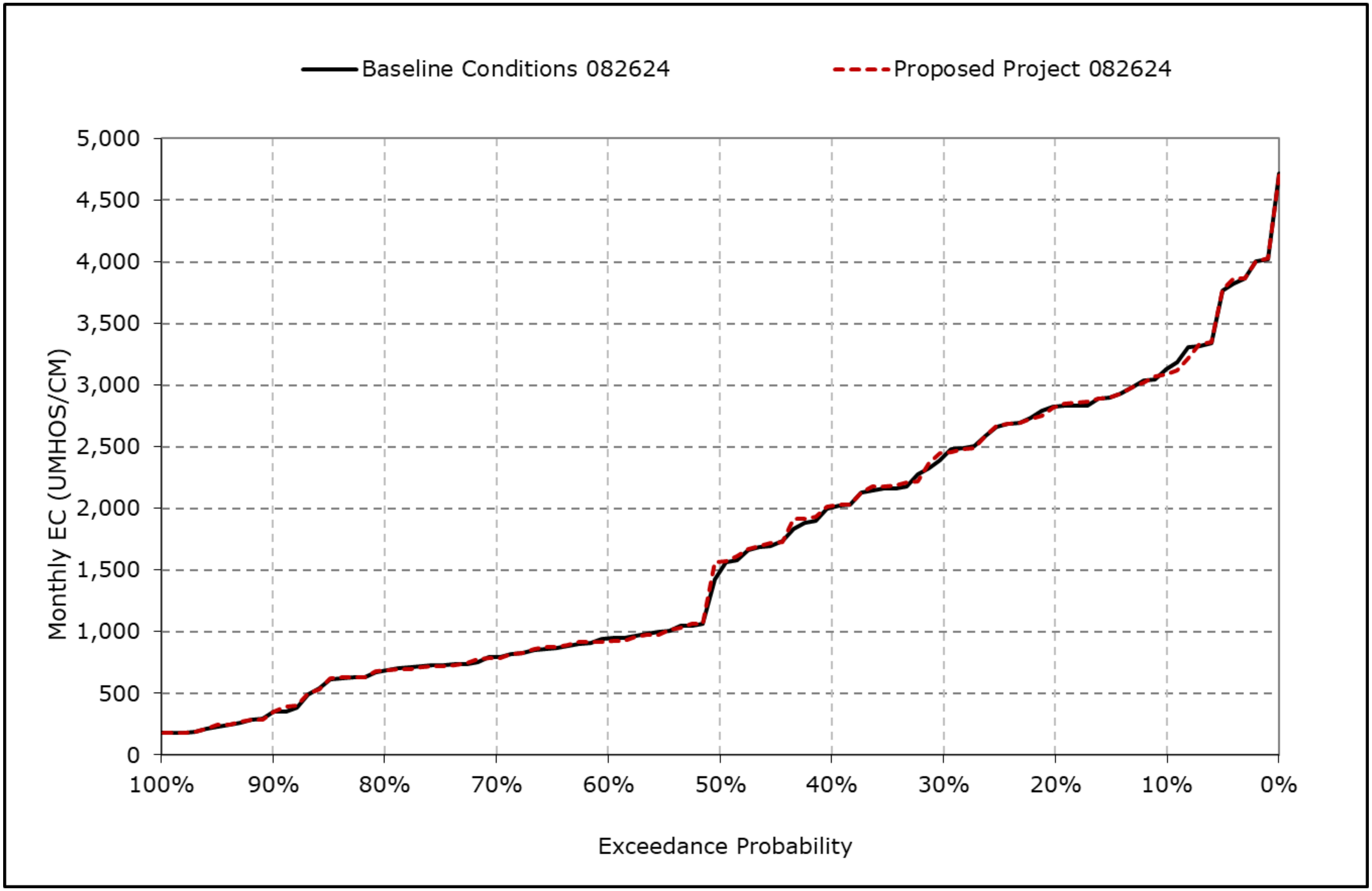
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5g. Sacramento River at Emmaton Salinity, October EC



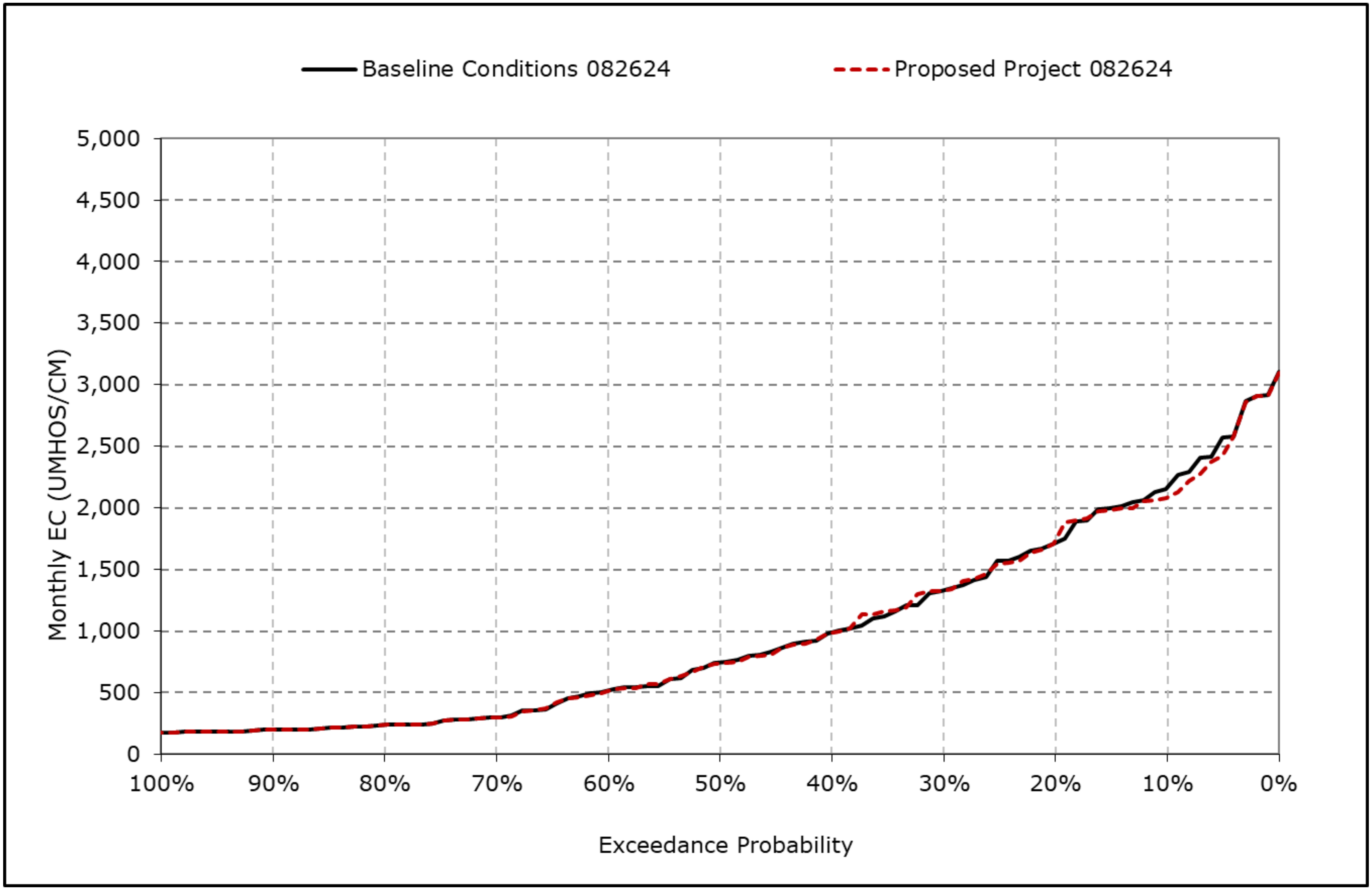
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5h. Sacramento River at Emmaton Salinity, November EC



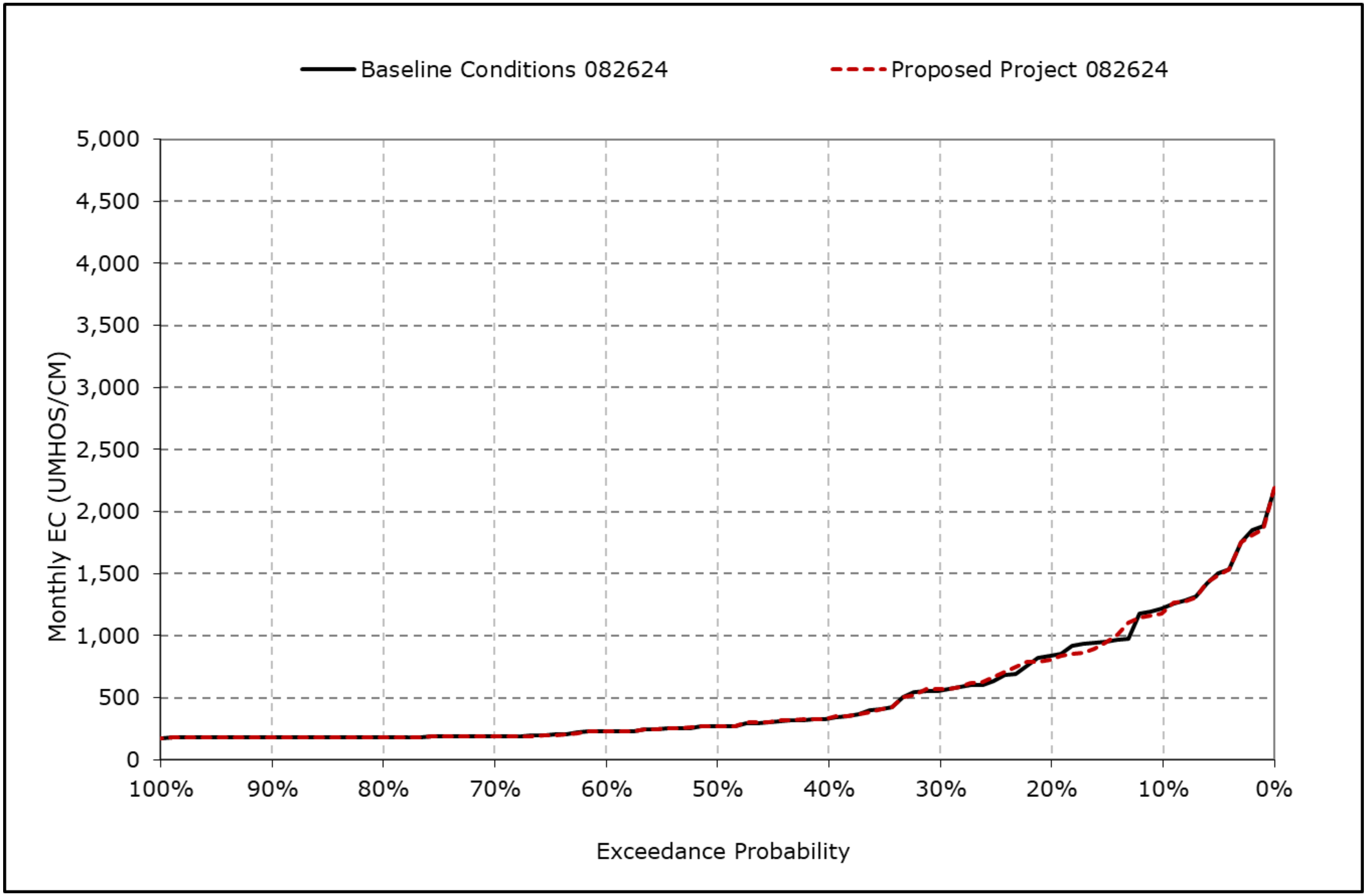
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5i. Sacramento River at Emmaton Salinity, December EC



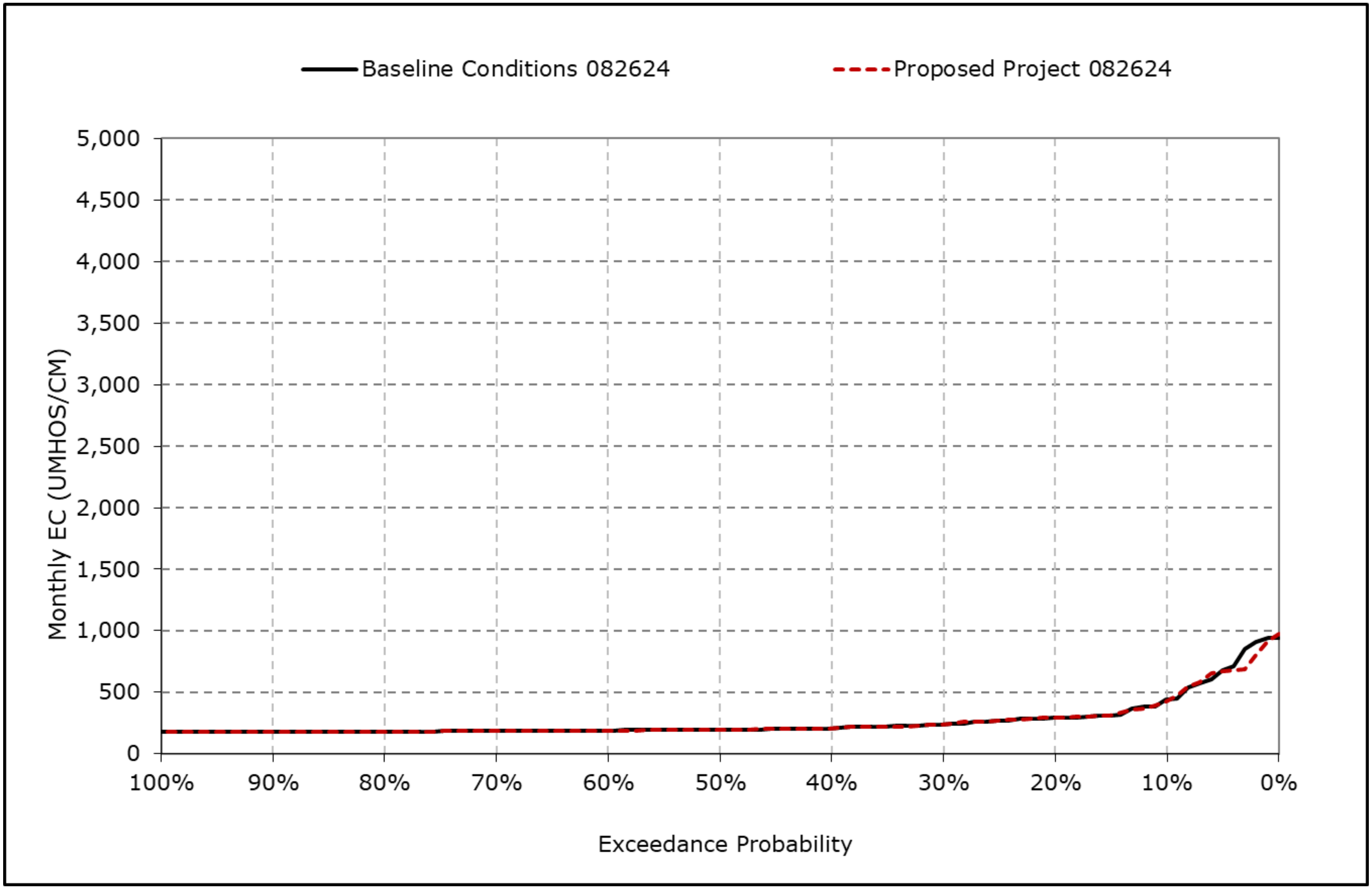
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5j. Sacramento River at Emmaton Salinity, January EC



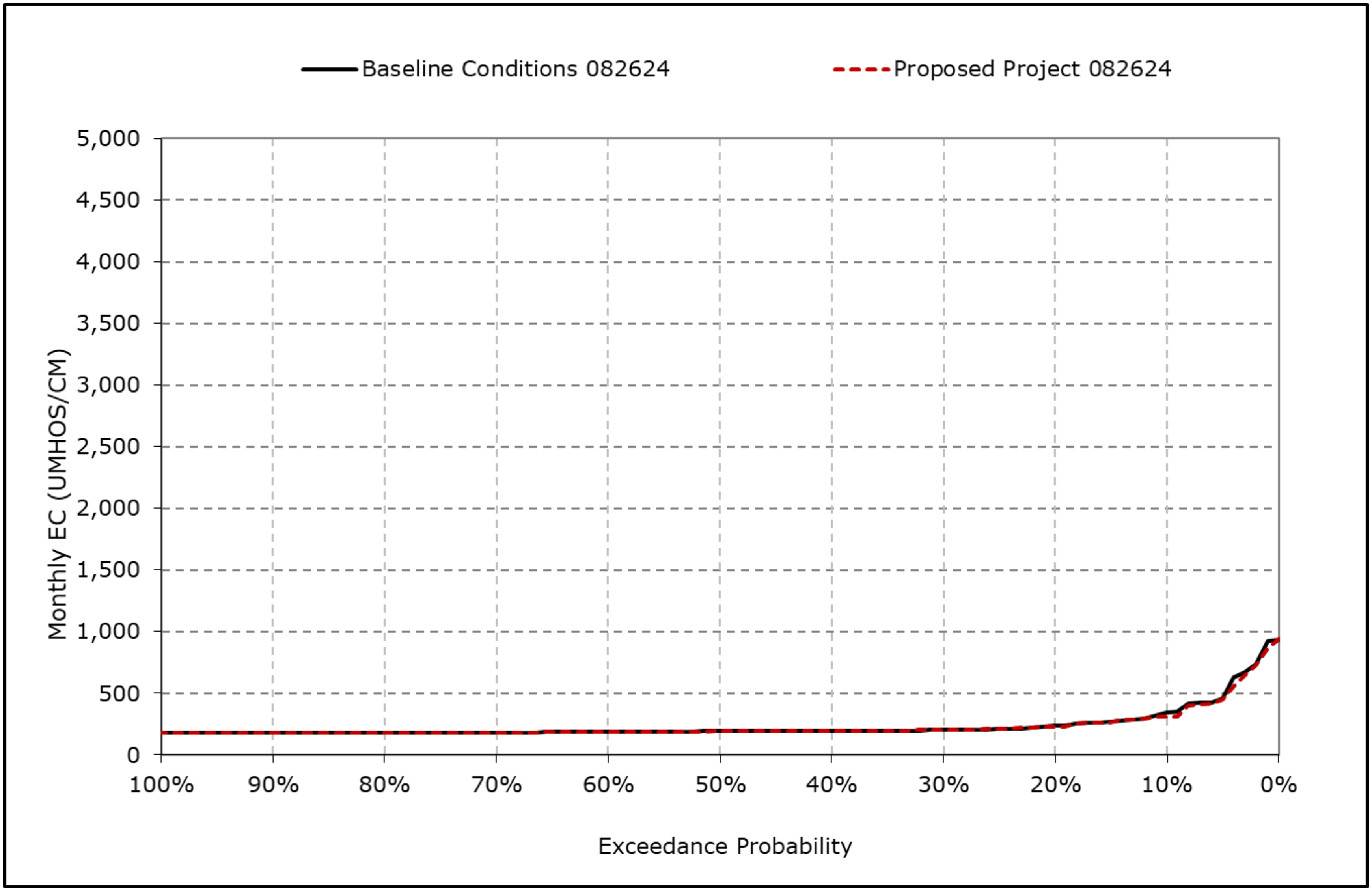
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5k. Sacramento River at Emmaton Salinity, February EC



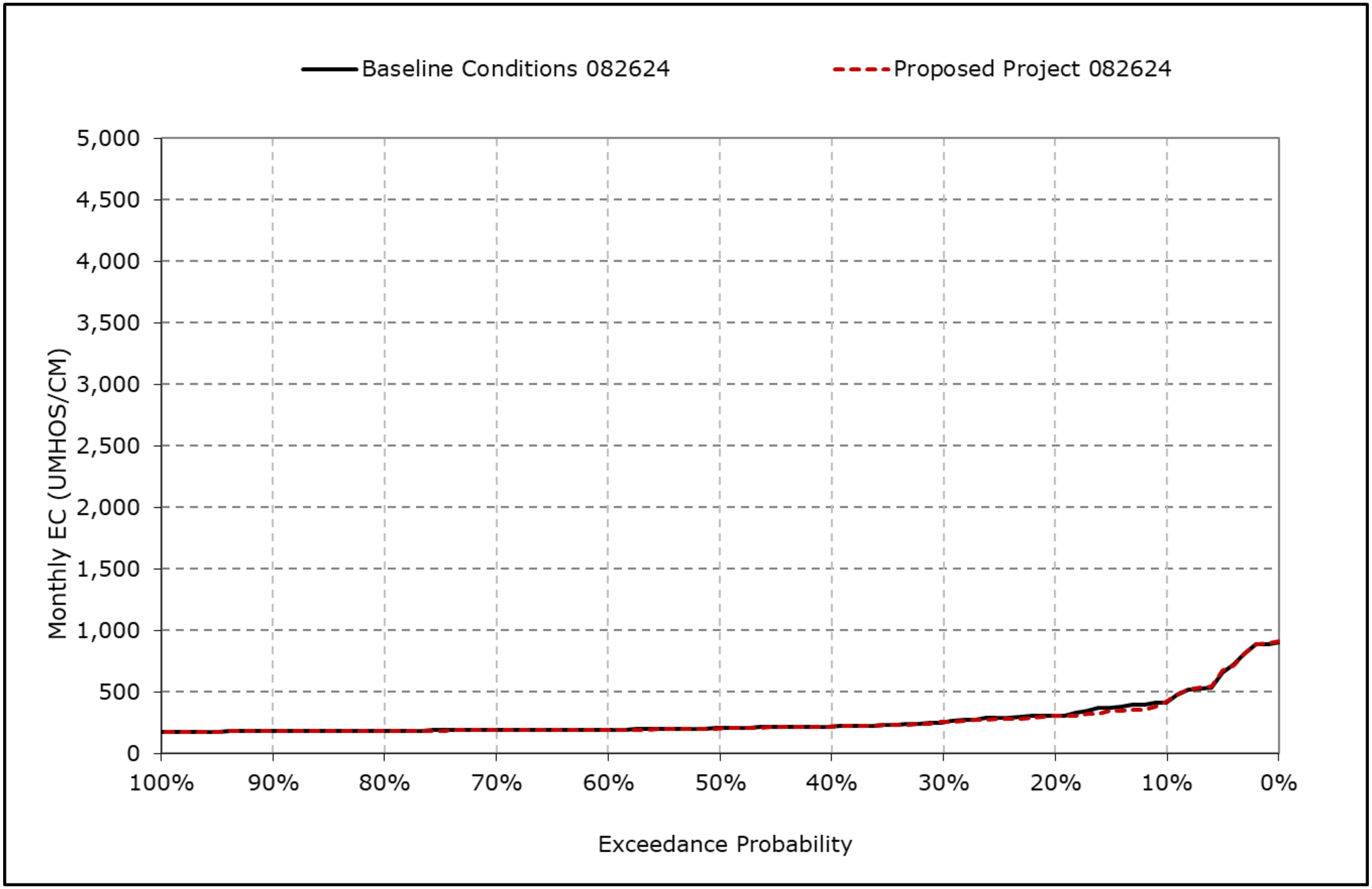
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5l. Sacramento River at Emmaton Salinity, March EC



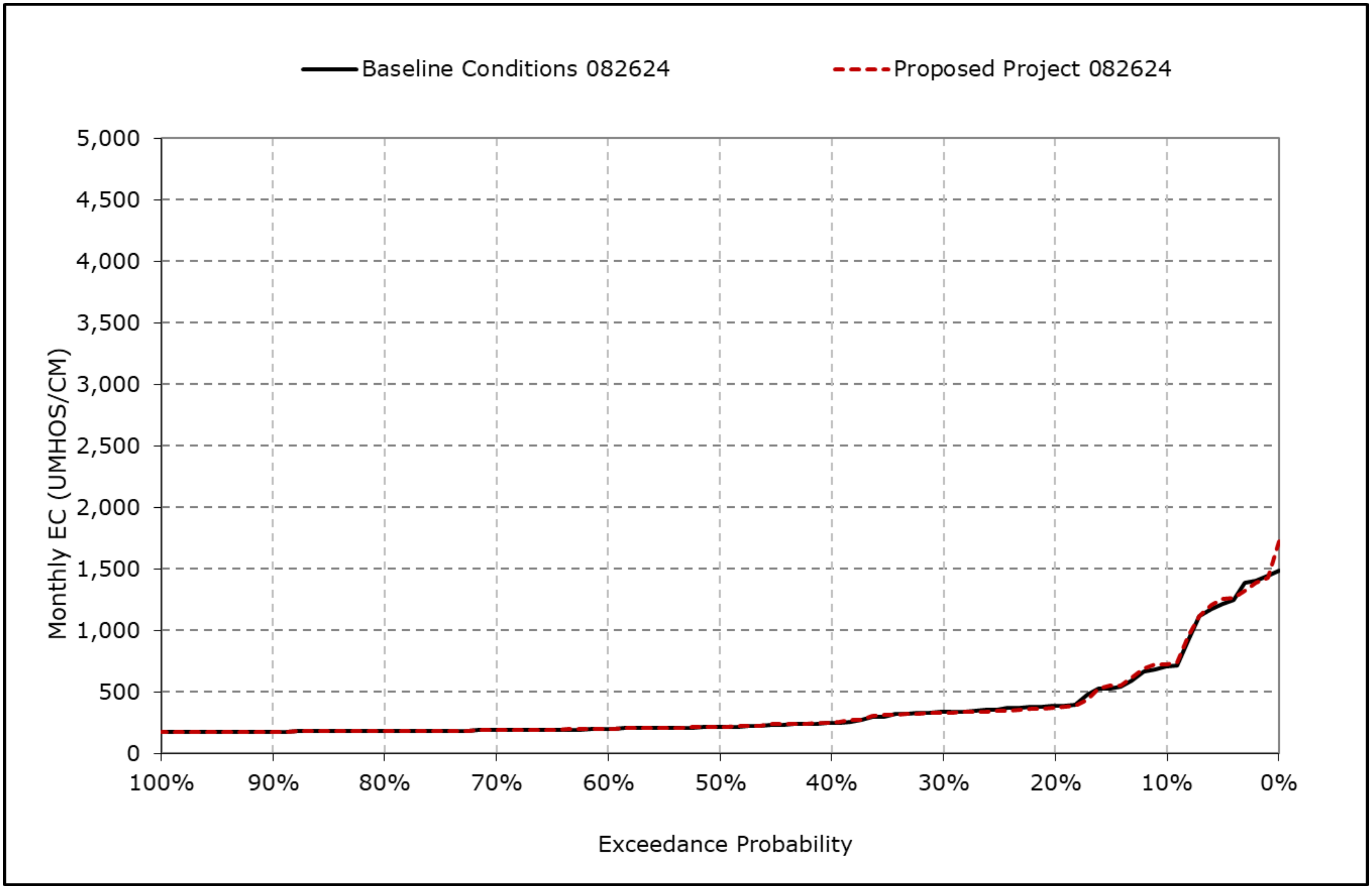
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5m. Sacramento River at Emmaton Salinity, April EC



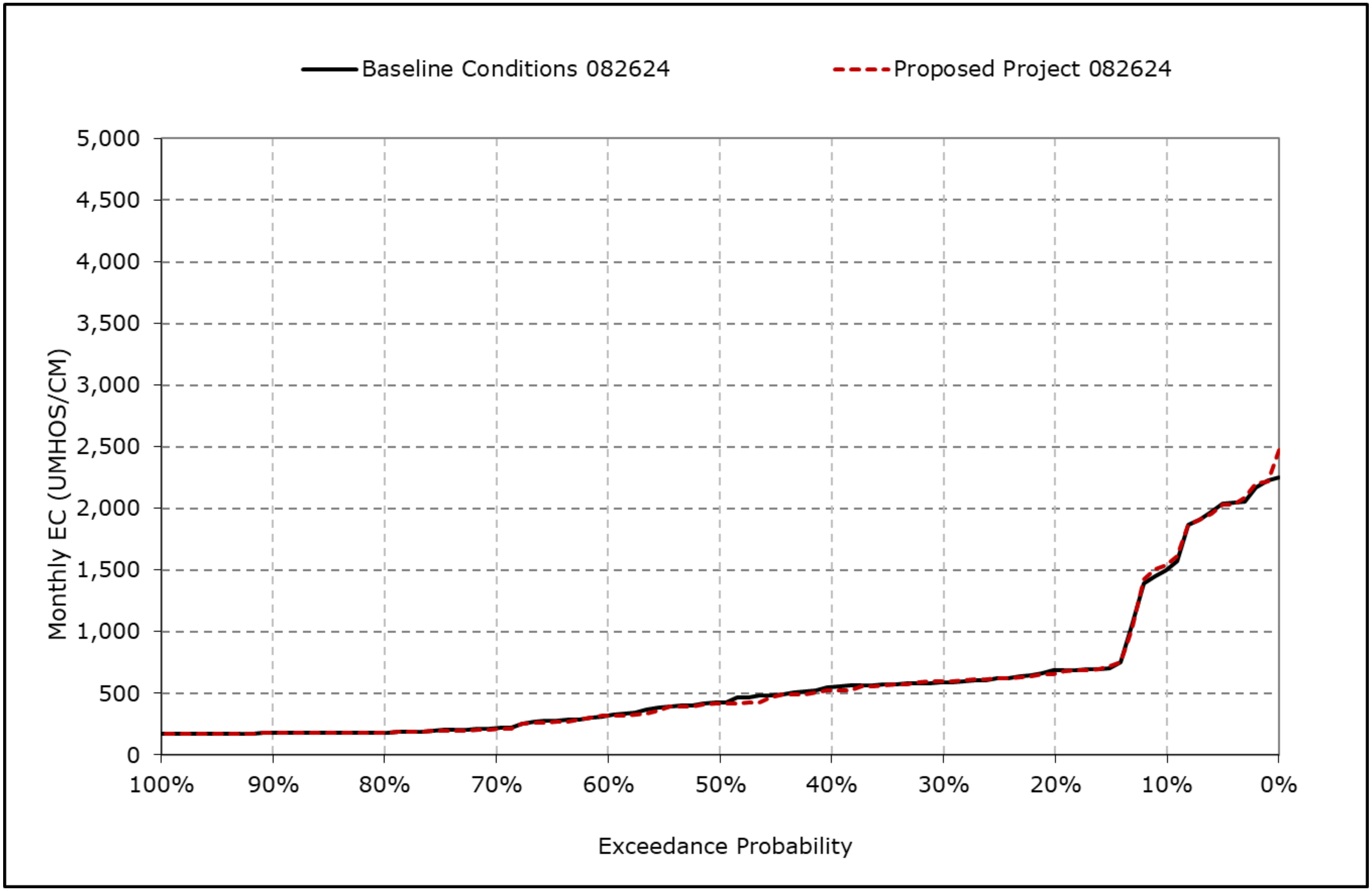
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5n. Sacramento River at Emmaton Salinity, May EC



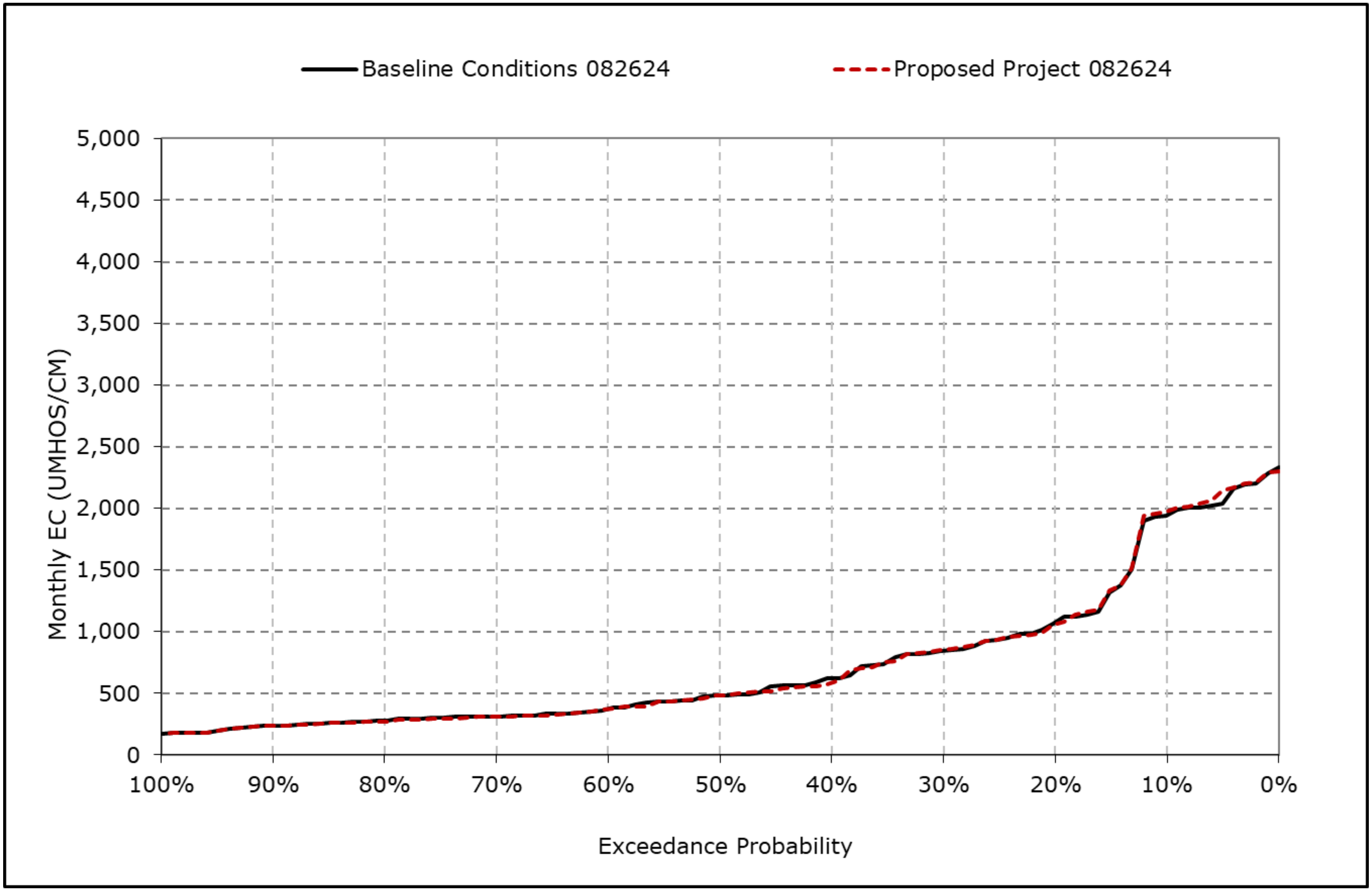
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5o. Sacramento River at Emmaton Salinity, June EC



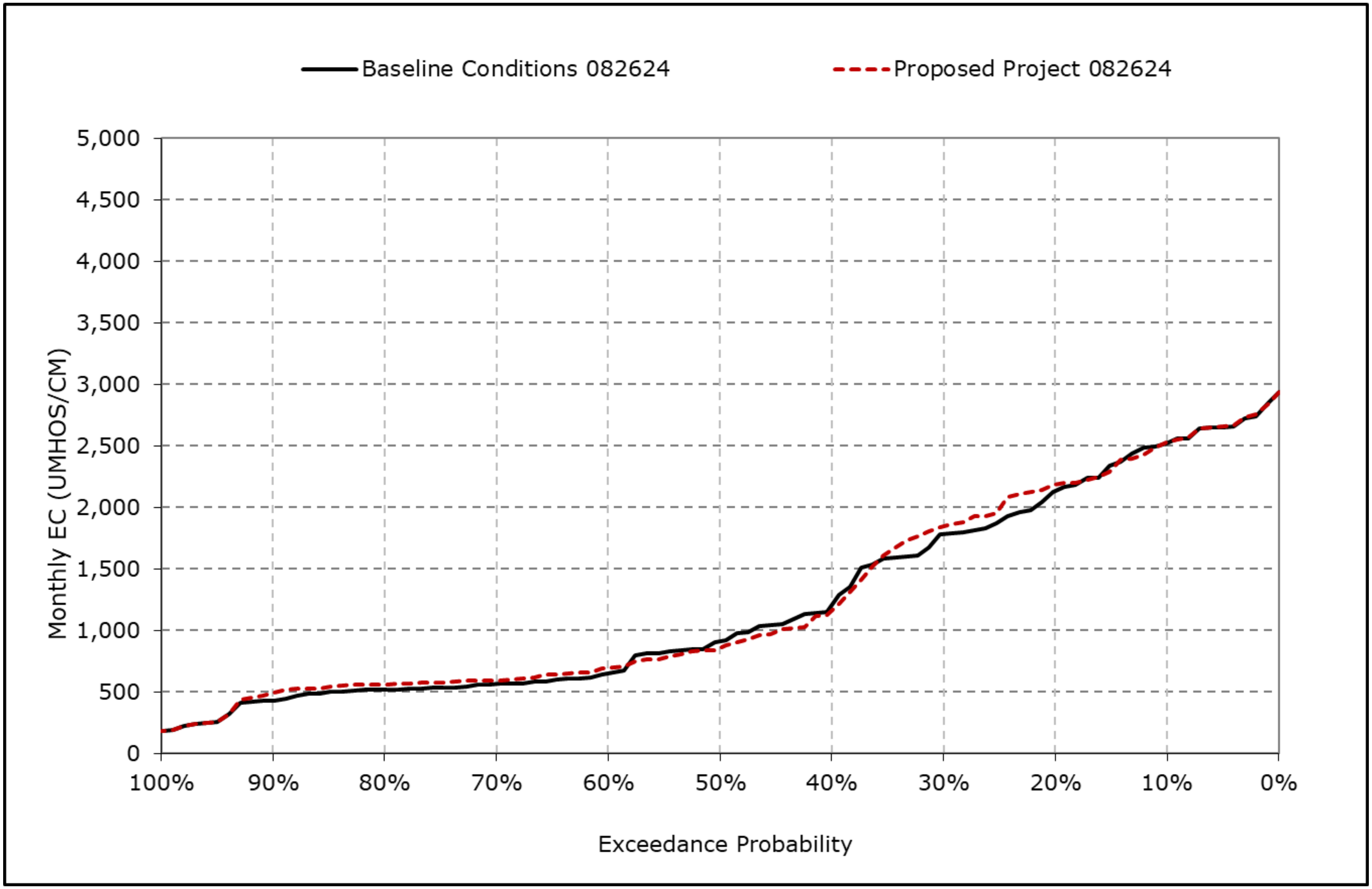
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5p. Sacramento River at Emmaton Salinity, July EC



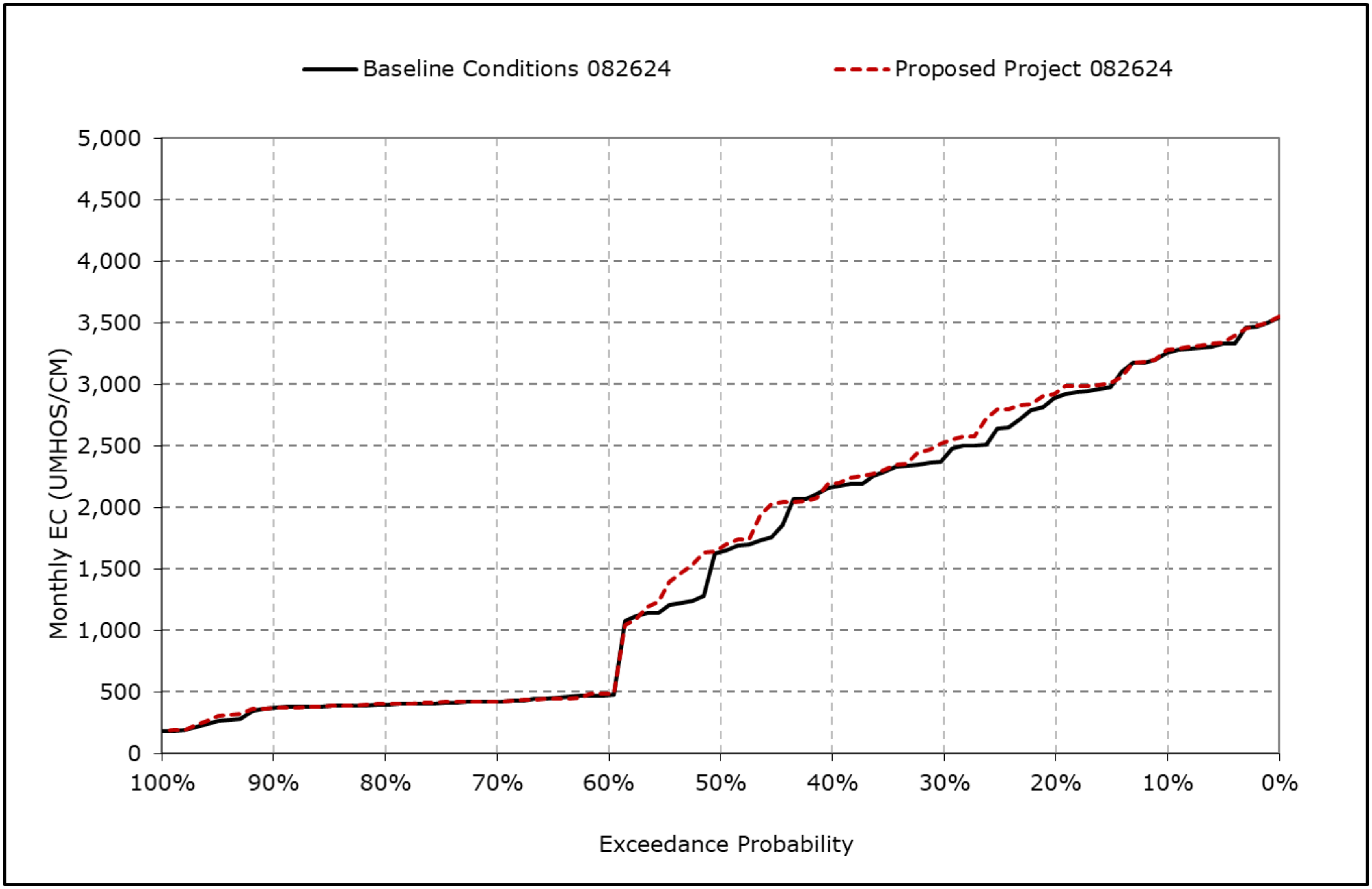
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-5q. Sacramento River at Emmaton Salinity, August EC



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

Figure 4B-6-5r. Sacramento River at Emmaton Salinity, September EC



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

Table 4B-6-6-1a. Sacramento River at Collinsville Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,569	10,759	8,434	5,917	2,455	1,927	2,297	3,436	5,803	7,559	8,604	10,880
20% Exceedance	10,469	10,008	7,754	4,451	1,473	968	1,499	2,148	3,494	5,495	7,887	10,140
30% Exceedance	9,845	9,258	6,407	3,197	777	416	1,004	1,786	3,187	4,929	7,210	9,281
40% Exceedance	9,341	8,616	5,414	1,556	437	315	566	1,051	2,929	4,231	6,236	8,369
50% Exceedance	7,881	6,899	4,314	1,018	323	264	348	608	2,276	3,386	5,469	7,072
60% Exceedance	2,658	4,964	3,002	692	220	206	252	405	1,581	2,578	3,997	2,849
70% Exceedance	2,411	4,537	1,315	241	197	193	225	271	799	2,033	3,645	2,641
80% Exceedance	2,354	4,130	697	197	189	188	194	196	298	1,574	3,282	2,548
90% Exceedance	2,207	2,281	365	185	184	184	183	179	195	1,127	2,813	2,400
Full Simulation Period Average[a]	6,549	6,732	4,288	2,144	900	685	911	1,364	2,468	3,657	5,430	6,320
Wet Water Years (32%)	5,706	5,263	1,909	461	198	191	224	297	669	1,385	2,832	2,229
Above Normal Years (9%)	6,047	6,096	3,507	700	230	215	247	405	1,157	2,066	3,696	2,488
Below Normal Years (20%)	5,981	6,657	5,193	2,111	604	325	484	771	2,334	3,465	5,528	7,231
Dry Water Years (21%)	6,481	7,041	5,139	3,253	1,247	838	1,194	1,638	3,029	4,989	7,275	9,426
Critical Water Years (18%)	9,008	9,385	6,910	4,604	2,408	2,020	2,608	4,077	5,819	7,148	8,654	10,875

Table 4B-6-6-1b. Sacramento River at Collinsville Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

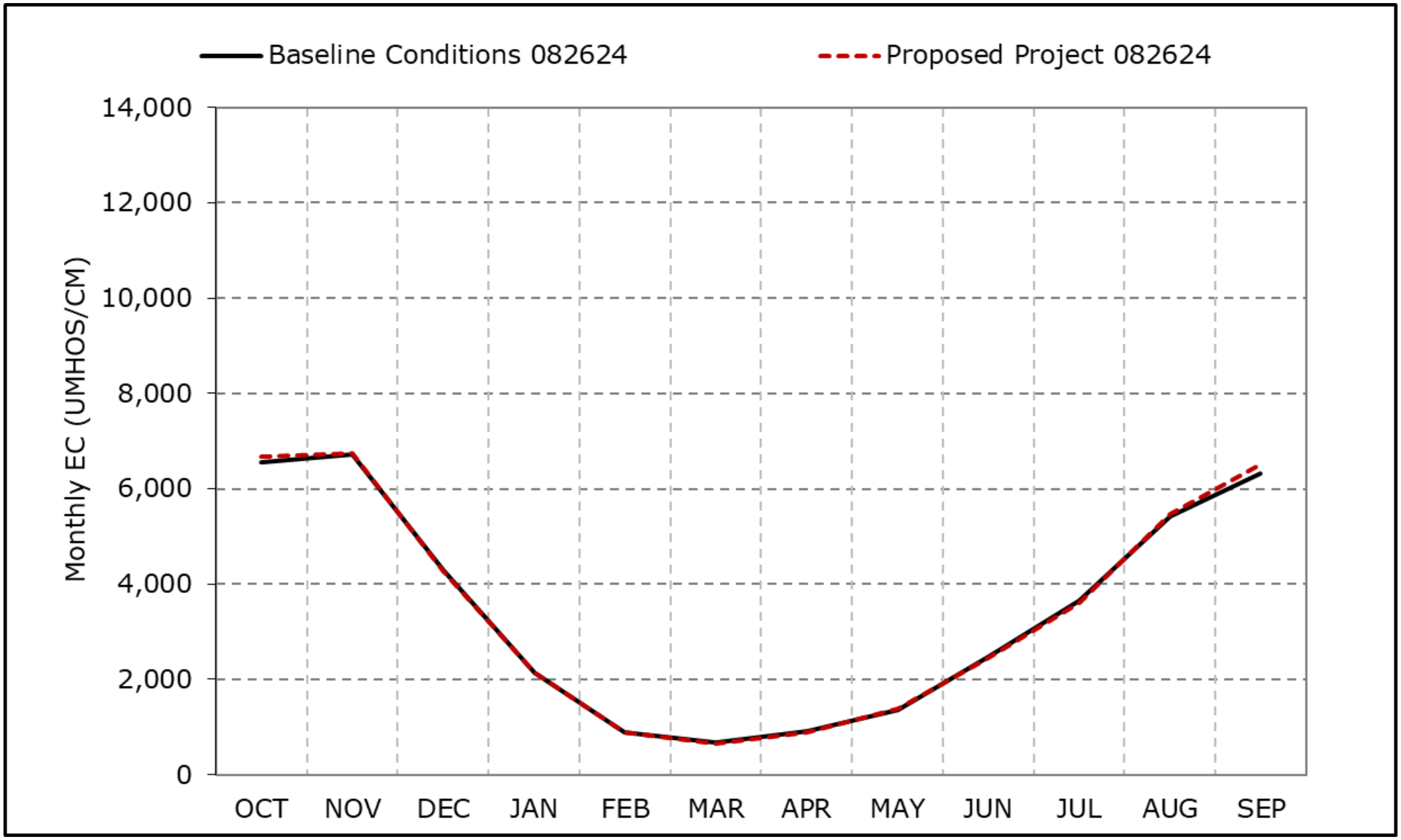
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,597	10,754	8,445	5,687	2,296	1,658	2,364	3,571	5,923	7,619	8,611	10,919
20% Exceedance	10,598	9,966	7,710	4,405	1,451	888	1,436	2,070	3,502	5,331	7,983	10,270
30% Exceedance	9,960	9,386	6,361	3,304	792	402	972	1,755	3,165	4,908	7,417	9,589
40% Exceedance	9,478	8,638	5,475	1,600	438	306	556	1,058	2,796	3,860	5,959	8,667
50% Exceedance	8,714	7,075	4,264	979	301	256	339	667	2,174	3,234	5,163	7,508
60% Exceedance	2,649	4,963	2,921	682	219	207	253	466	1,607	2,508	4,240	2,924
70% Exceedance	2,434	4,518	1,274	241	197	193	226	286	711	1,975	3,797	2,675
80% Exceedance	2,371	4,068	697	197	189	188	195	196	281	1,525	3,540	2,572
90% Exceedance	2,213	2,324	368	185	184	184	183	179	193	1,122	3,218	2,438
Full Simulation Period Average[a]	6,684	6,751	4,274	2,139	880	655	885	1,390	2,444	3,602	5,460	6,510
Wet Water Years (32%)	5,846	5,274	1,852	432	196	191	233	333	634	1,368	3,013	2,324
Above Normal Years (9%)	6,067	6,073	3,547	732	231	213	244	450	1,107	1,958	3,805	2,528
Below Normal Years (20%)	6,151	6,695	5,177	2,093	600	307	455	819	2,287	3,302	5,212	7,751
Dry Water Years (21%)	6,531	7,077	5,153	3,282	1,236	762	1,068	1,566	2,972	4,932	7,391	9,667
Critical Water Years (18%)	9,253	9,399	6,916	4,596	2,317	1,964	2,631	4,168	5,887	7,179	8,662	10,882

Table 4B-6-6-1c. Sacramento River at Collinsville Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	28	-5	11	-230	-159	-269	67	135	120	60	6	39
20% Exceedance	129	-43	-44	-46	-22	-80	-63	-78	8	-165	96	130
30% Exceedance	115	128	-46	107	15	-14	-33	-31	-22	-21	208	308
40% Exceedance	136	21	61	44	1	-9	-10	7	-133	-371	-277	298
50% Exceedance	833	176	-50	-40	-22	-8	-9	60	-102	-152	-306	436
60% Exceedance	-9	-1	-81	-10	-1	1	1	61	27	-71	243	75
70% Exceedance	23	-19	-41	-1	0	0	1	16	-88	-59	152	34
80% Exceedance	17	-62	0	1	0	0	1	0	-17	-49	258	24
90% Exceedance	7	44	3	0	0	0	0	0	-2	-5	404	39
Full Simulation Period Average[a]	135	19	-14	-5	-20	-30	-26	26	-25	-54	30	190
Wet Water Years (32%)	140	11	-58	-29	-1	0	9	36	-35	-17	181	95
Above Normal Years (9%)	20	-22	41	33	1	-2	-3	46	-50	-108	110	39
Below Normal Years (20%)	170	38	-16	-18	-4	-18	-29	49	-47	-163	-316	520
Dry Water Years (21%)	50	37	13	30	-12	-76	-126	-72	-57	-56	116	241
Critical Water Years (18%)	245	14	6	-8	-91	-56	23	91	68	31	7	6

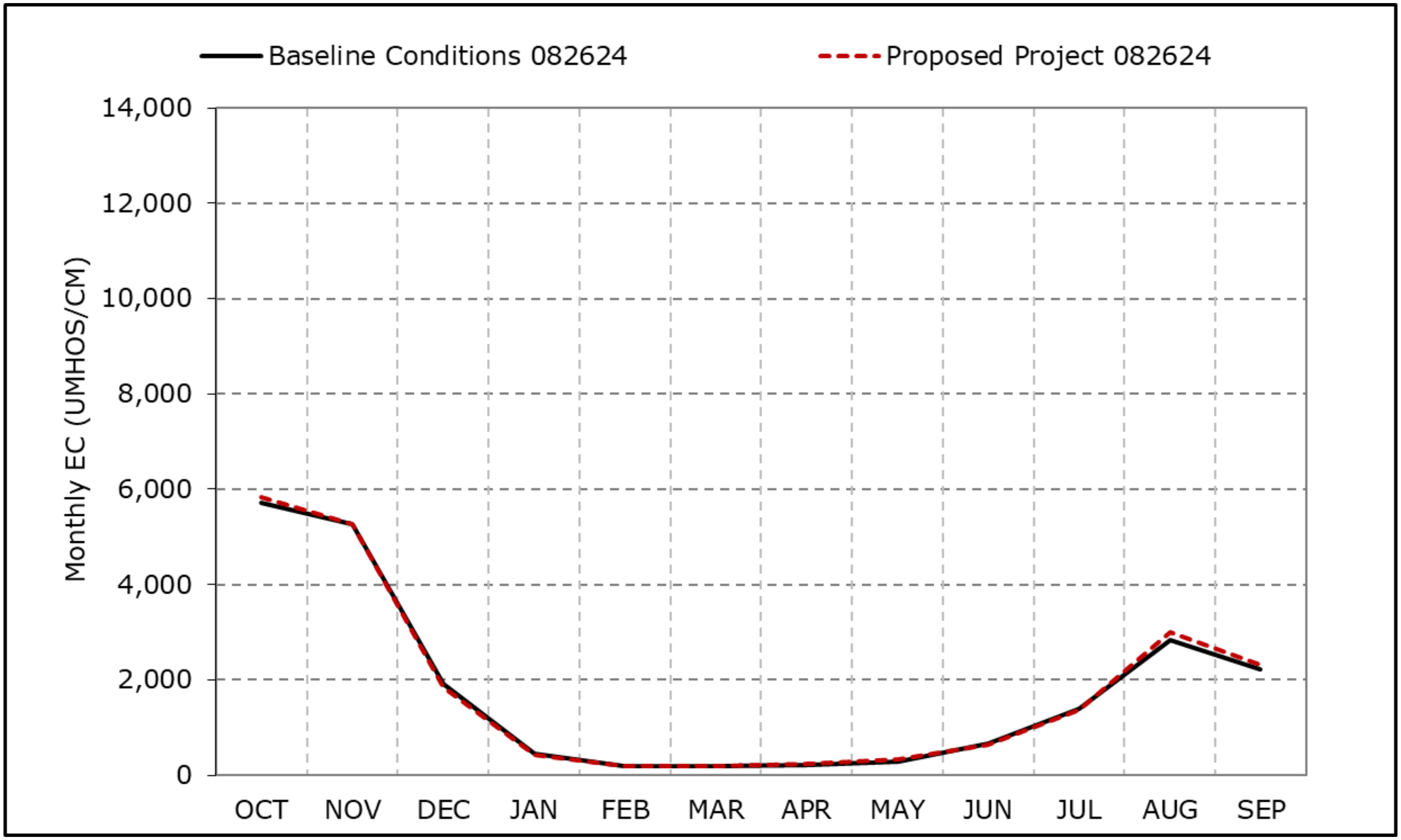
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-6a. Sacramento River at Collinsville Salinity, Long-Term Average EC



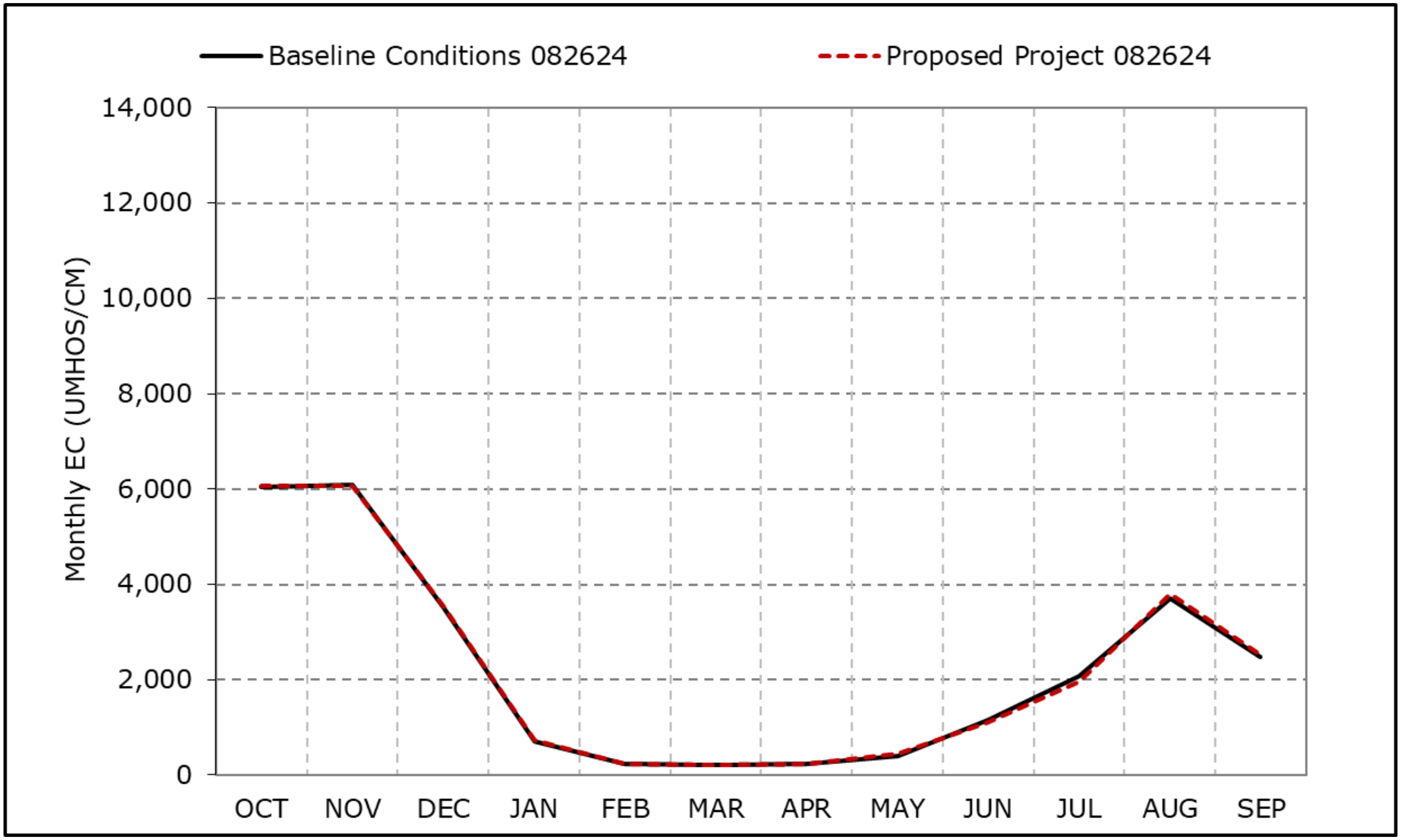
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6b. Sacramento River at Collinsville Salinity, Wet Year Average EC



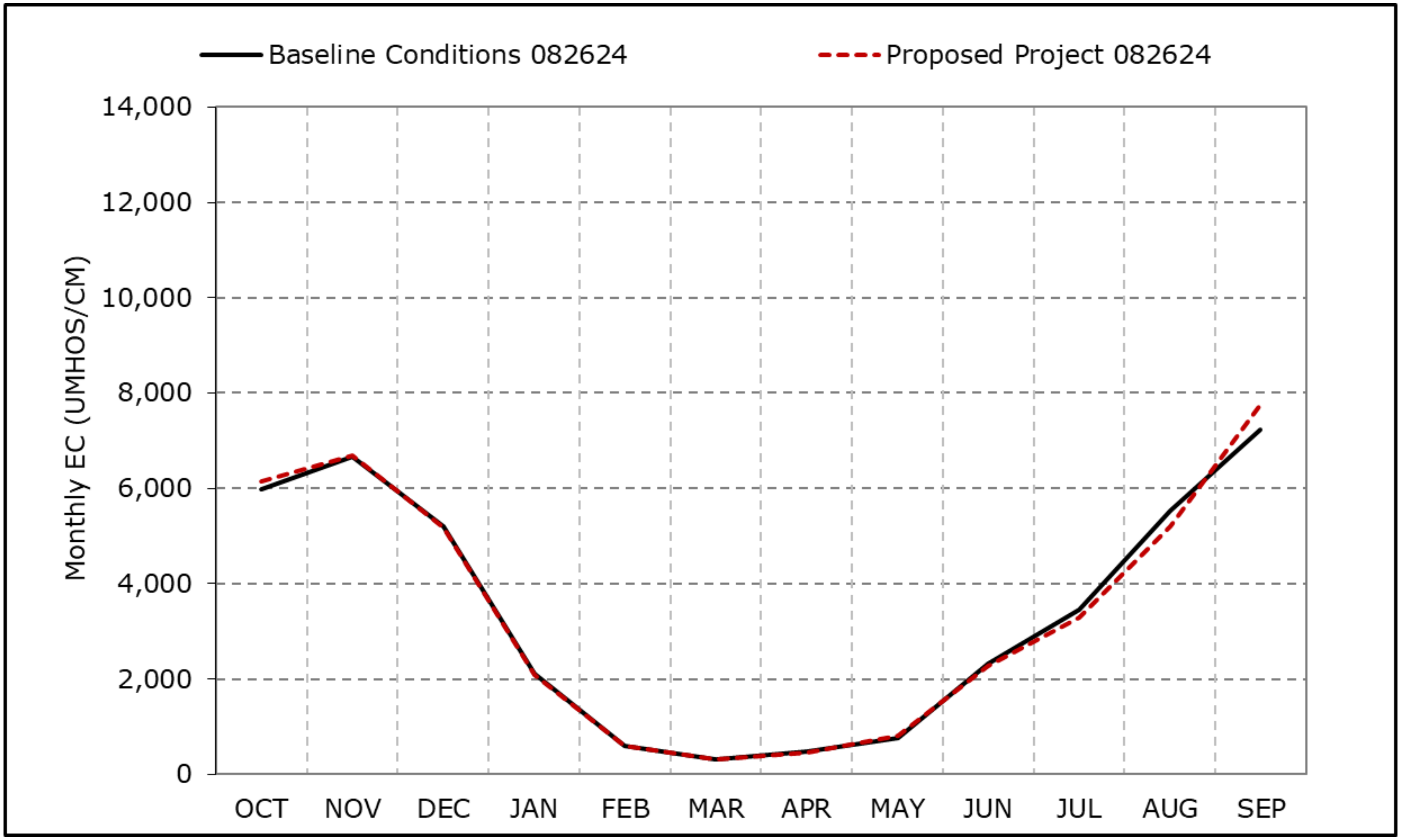
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6c. Sacramento River at Collinsville Salinity, Above Normal Year Average EC



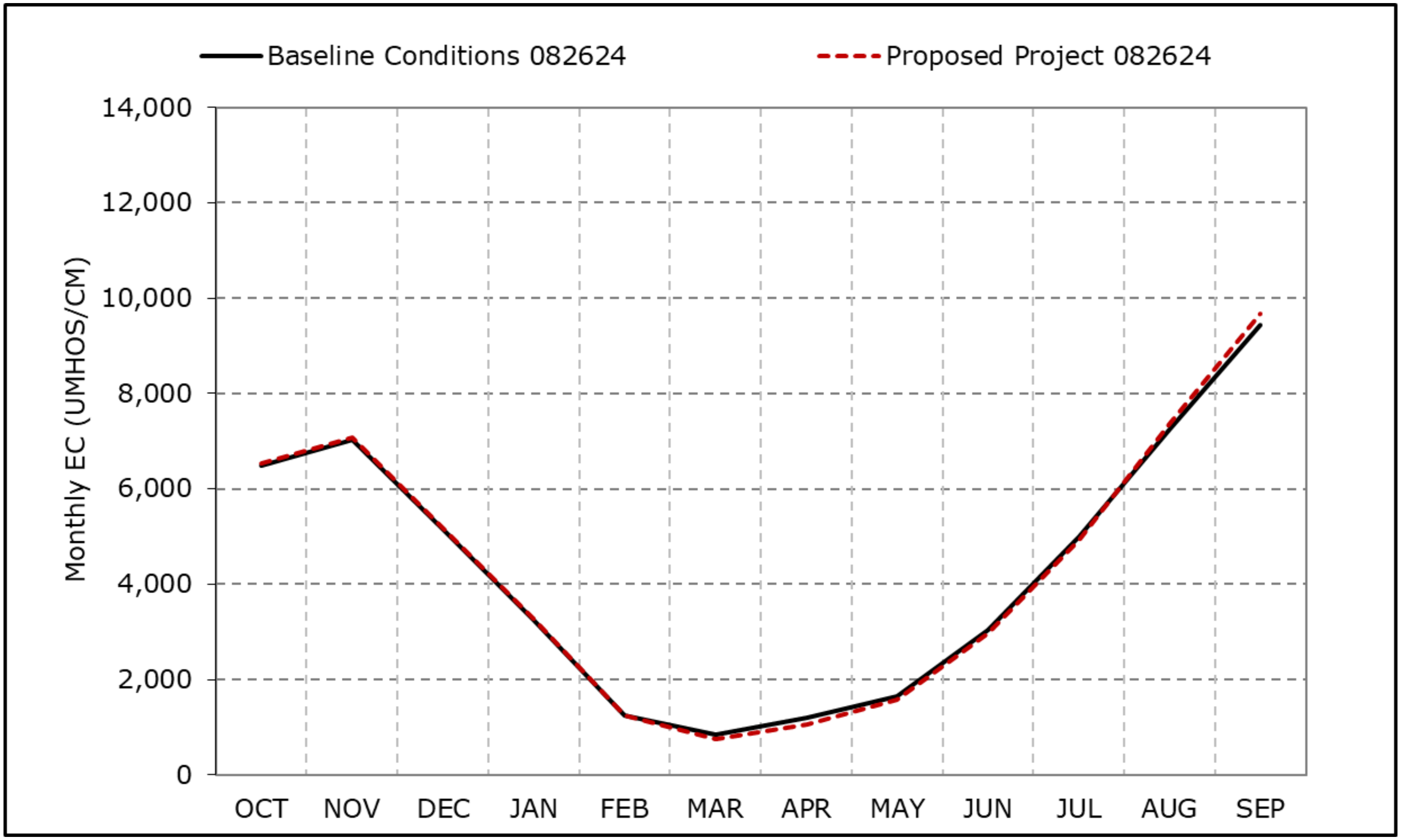
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6d. Sacramento River at Collinsville Salinity, Below Normal Year Average EC



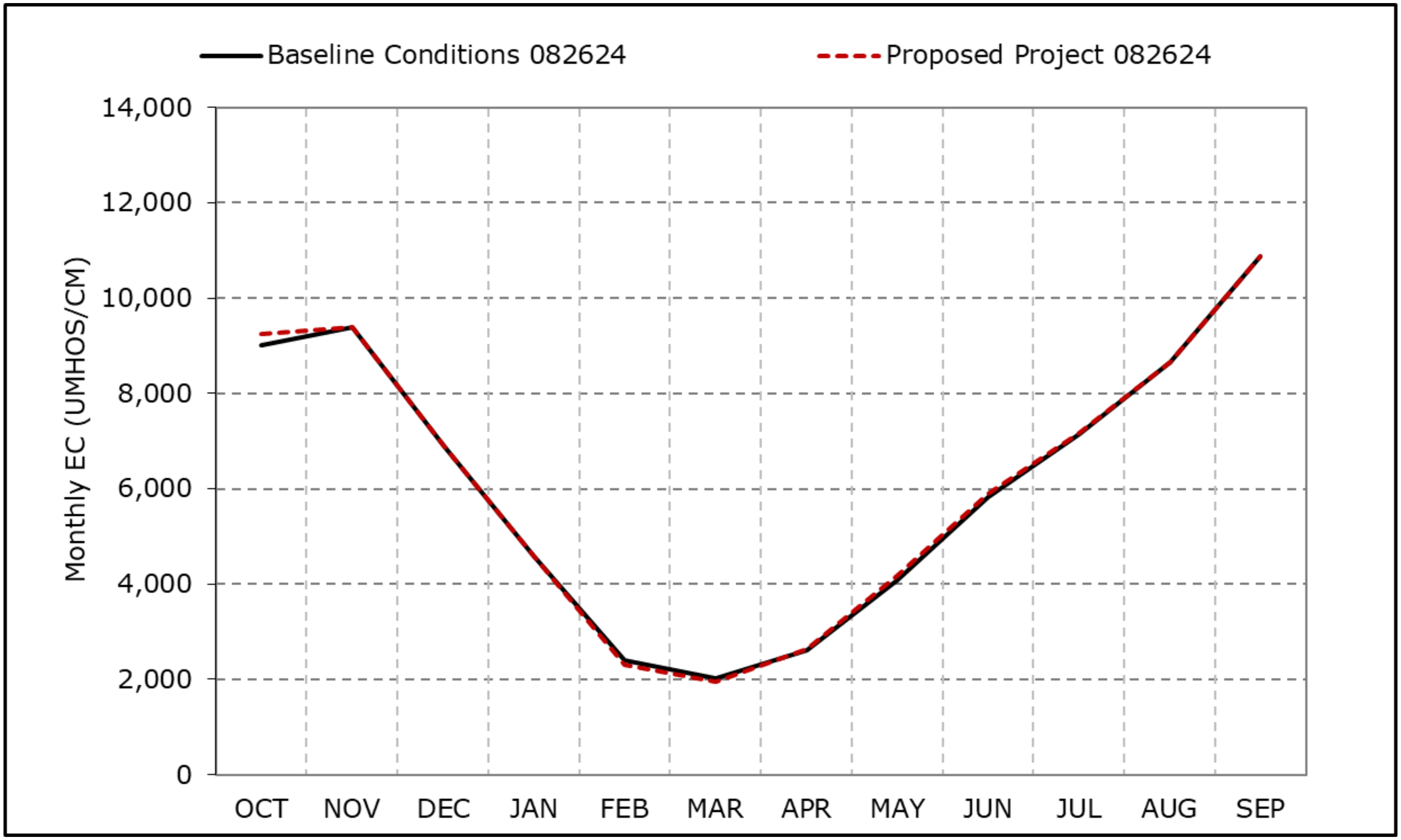
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6e. Sacramento River at Collinsville Salinity, Dry Year Average EC



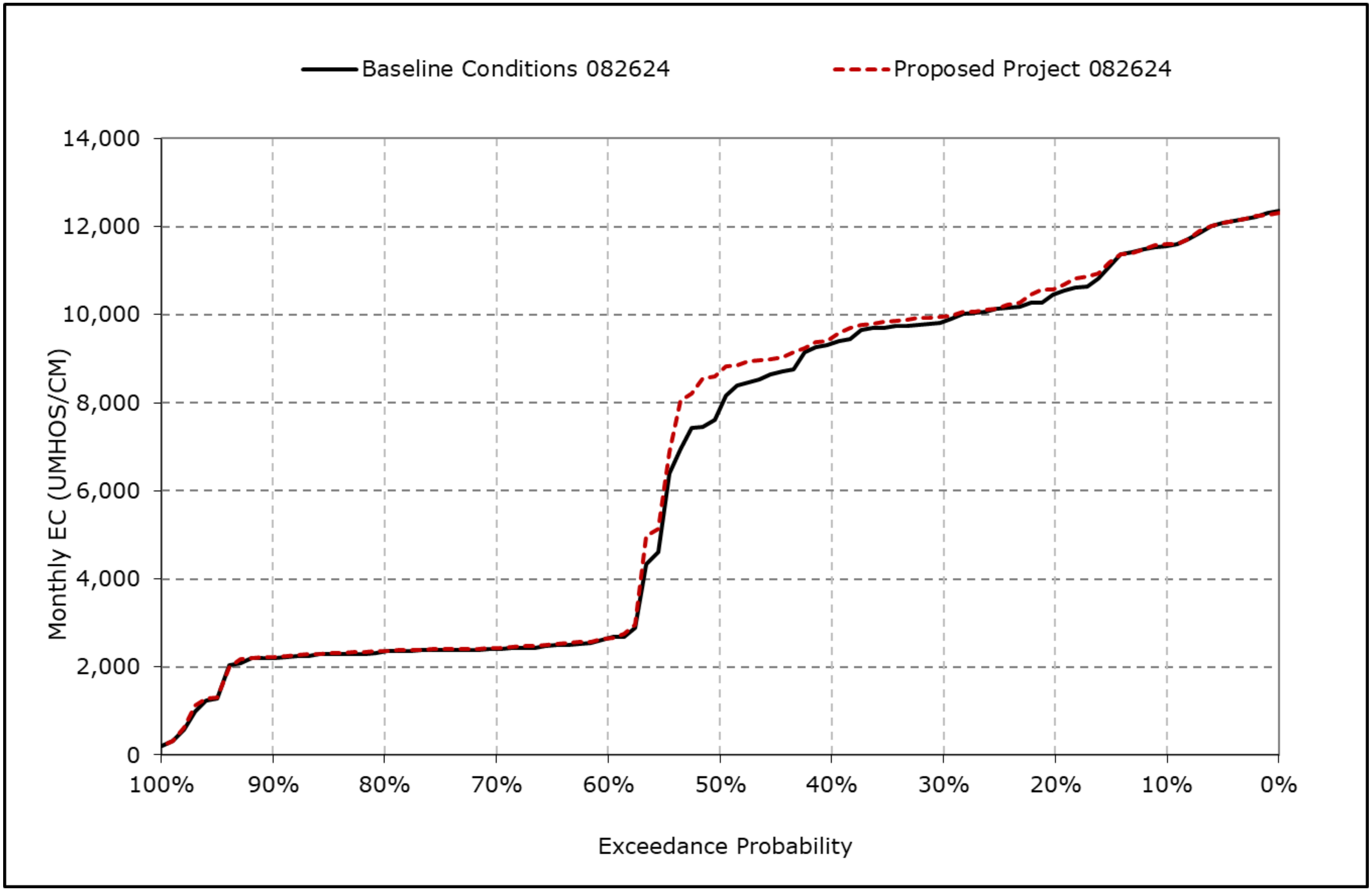
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6f. Sacramento River at Collinsville Salinity, Critical Year Average EC



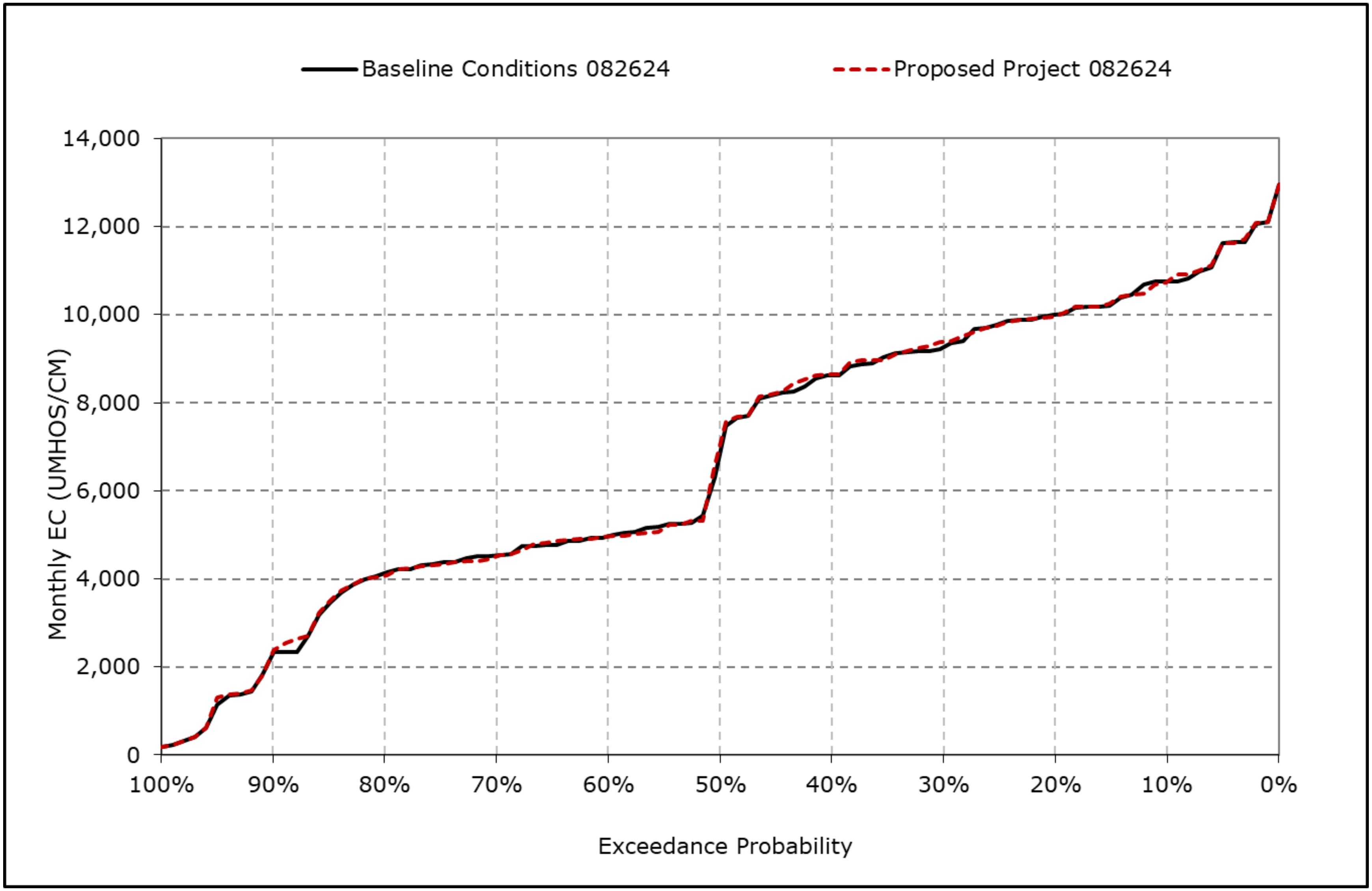
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6g. Sacramento River at Collinsville Salinity, October EC



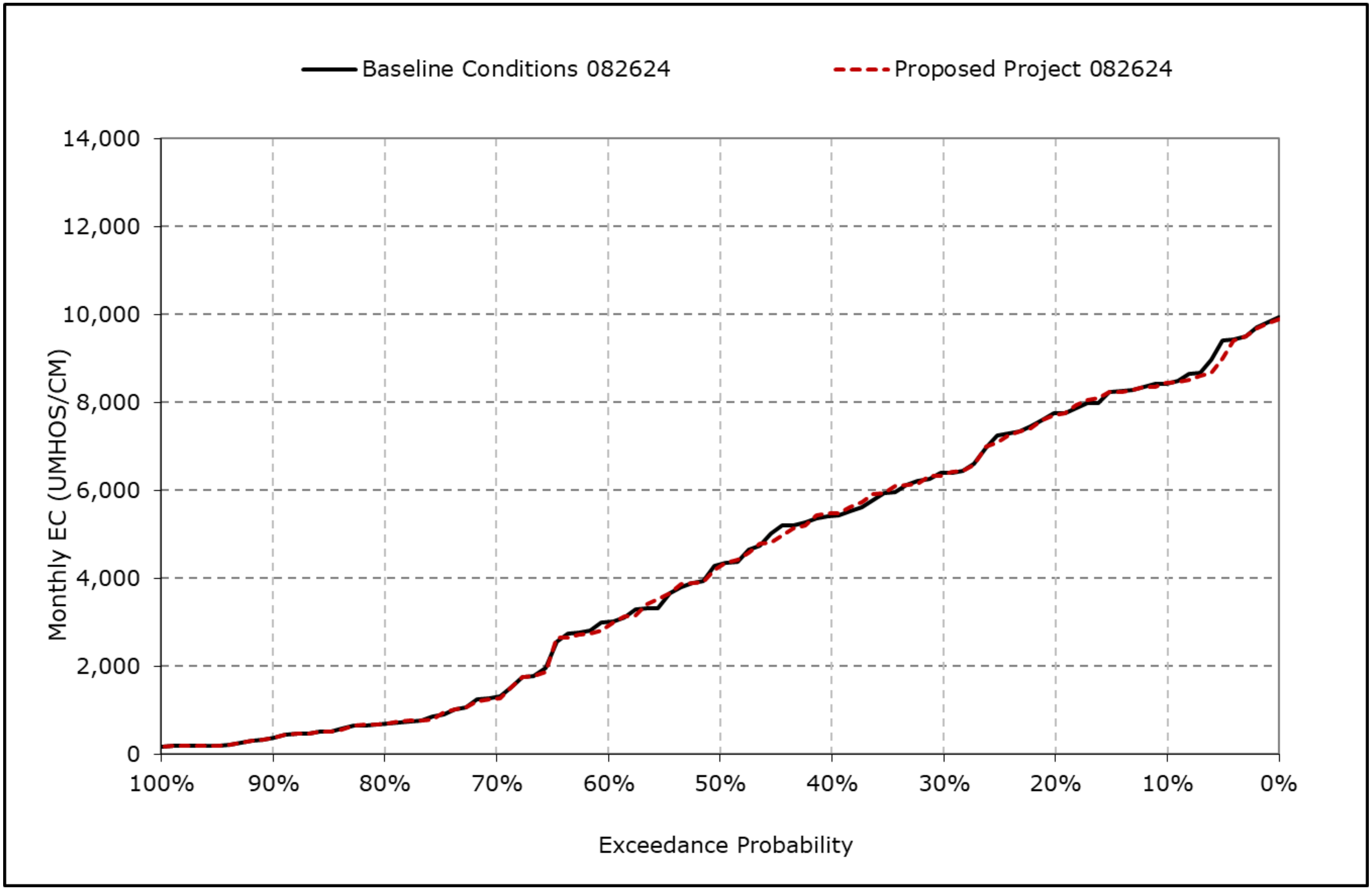
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6h. Sacramento River at Collinsville Salinity, November EC



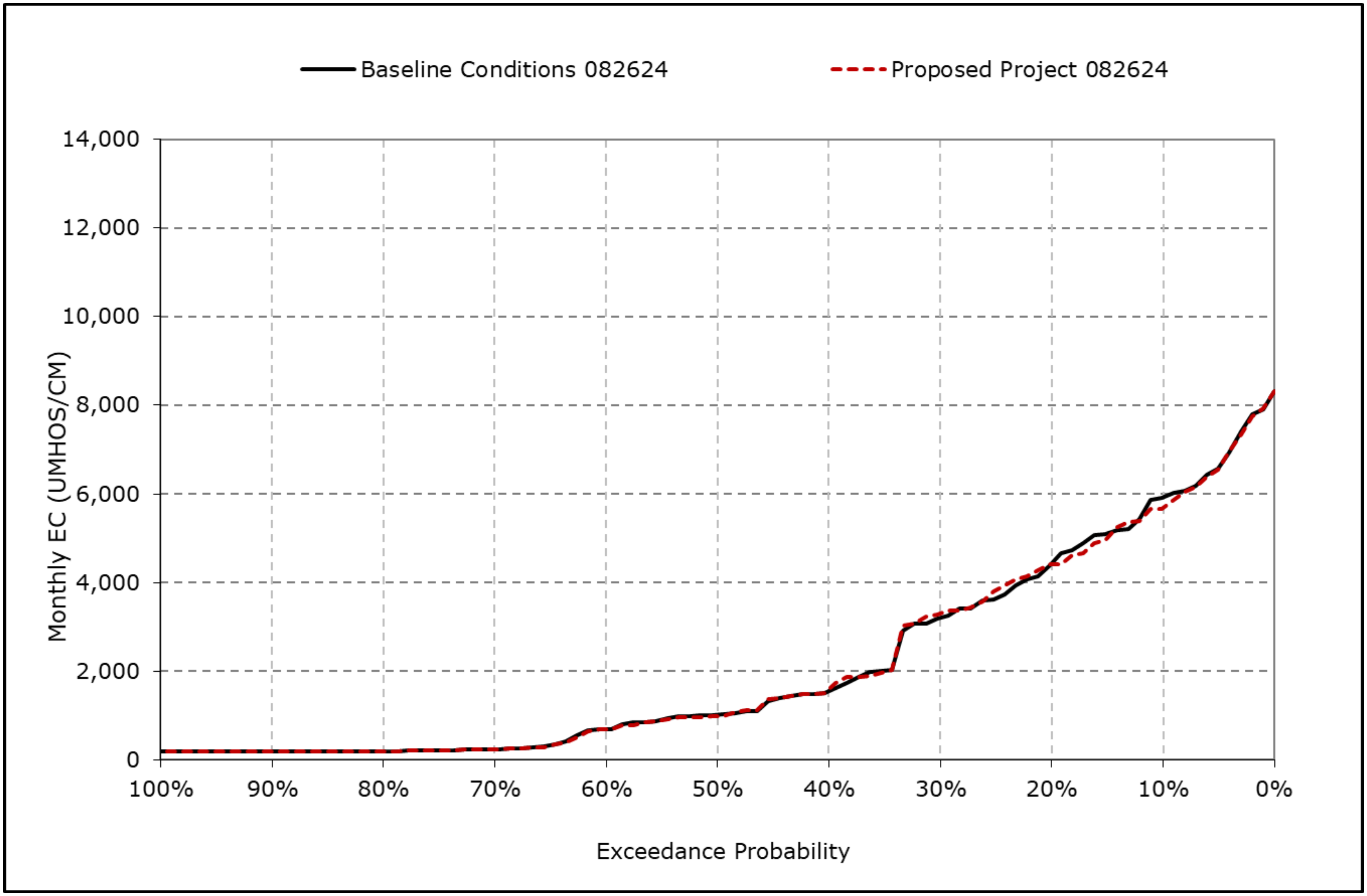
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6i. Sacramento River at Collinsville Salinity, December EC



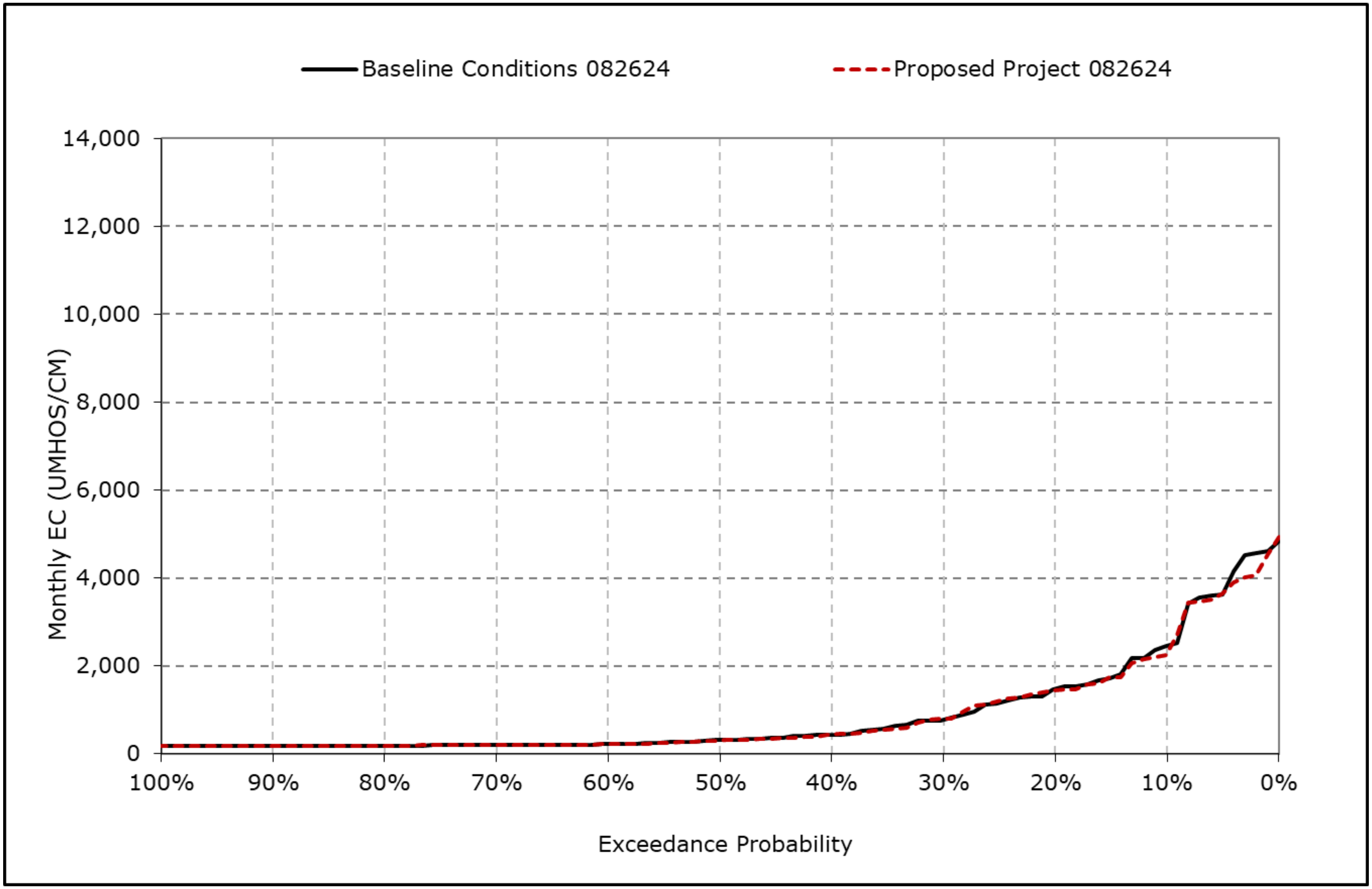
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6j. Sacramento River at Collinsville Salinity, January EC



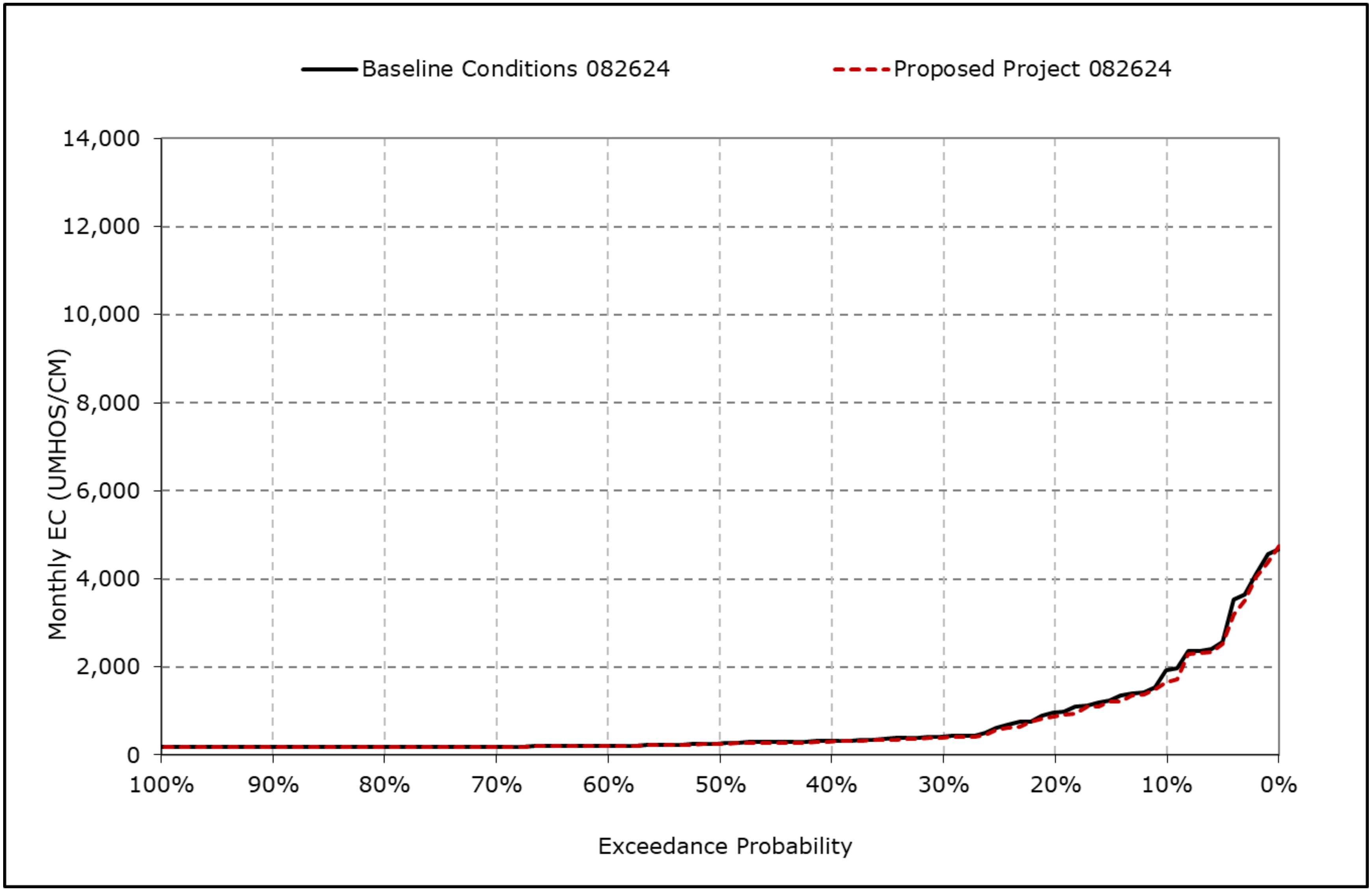
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6k. Sacramento River at Collinsville Salinity, February EC



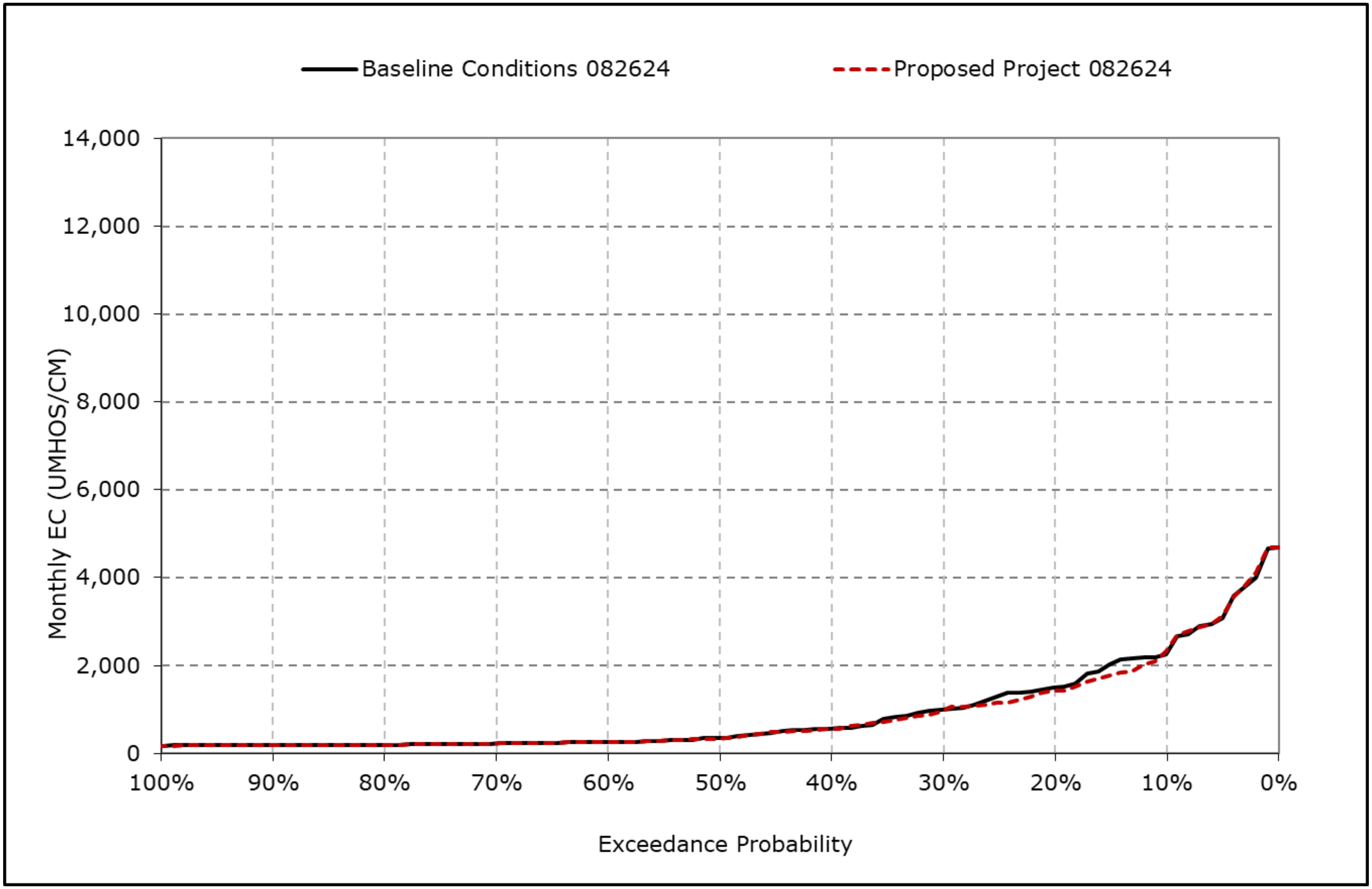
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6l. Sacramento River at Collinsville Salinity, March EC



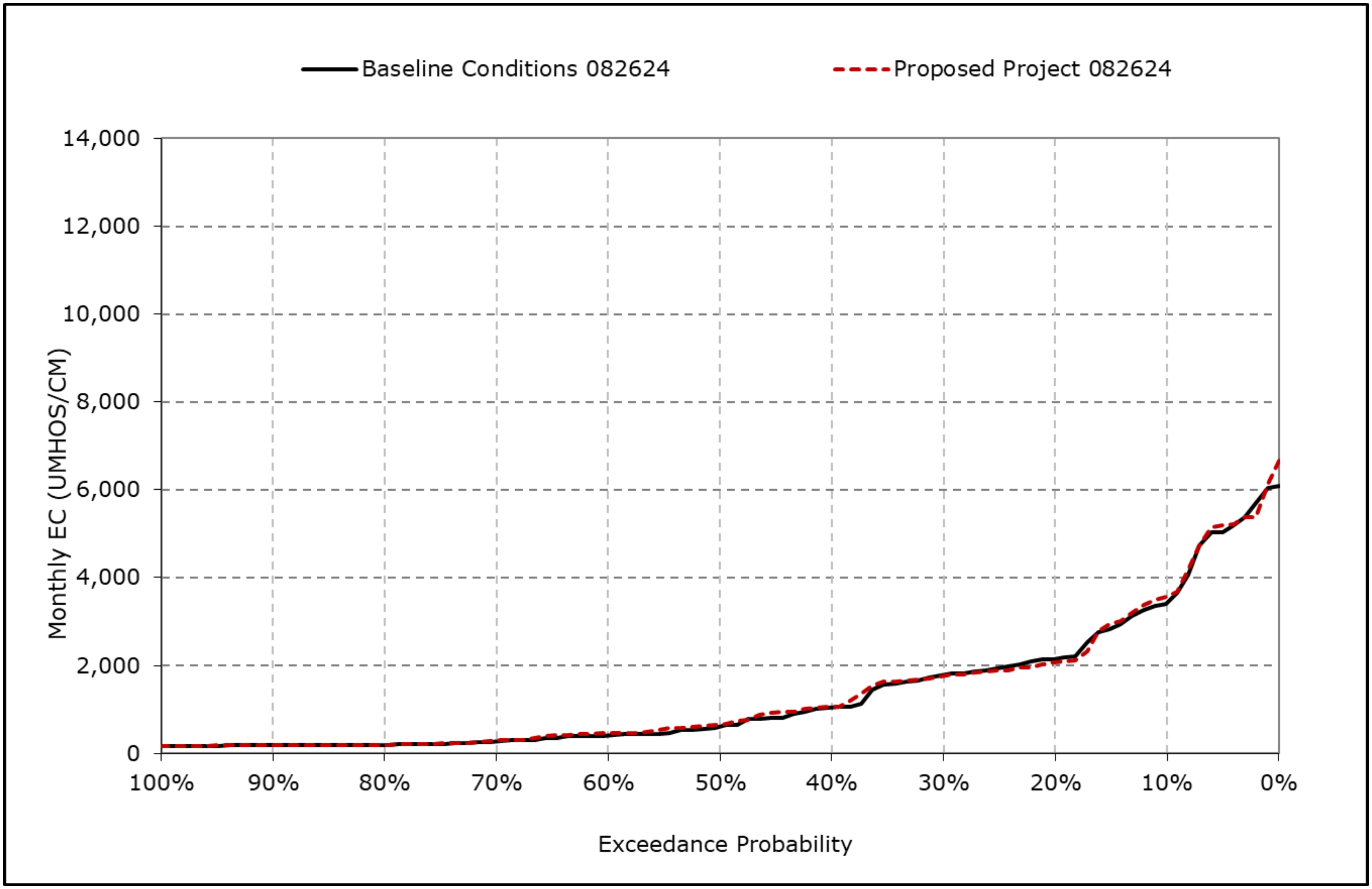
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6m. Sacramento River at Collinsville Salinity, April EC



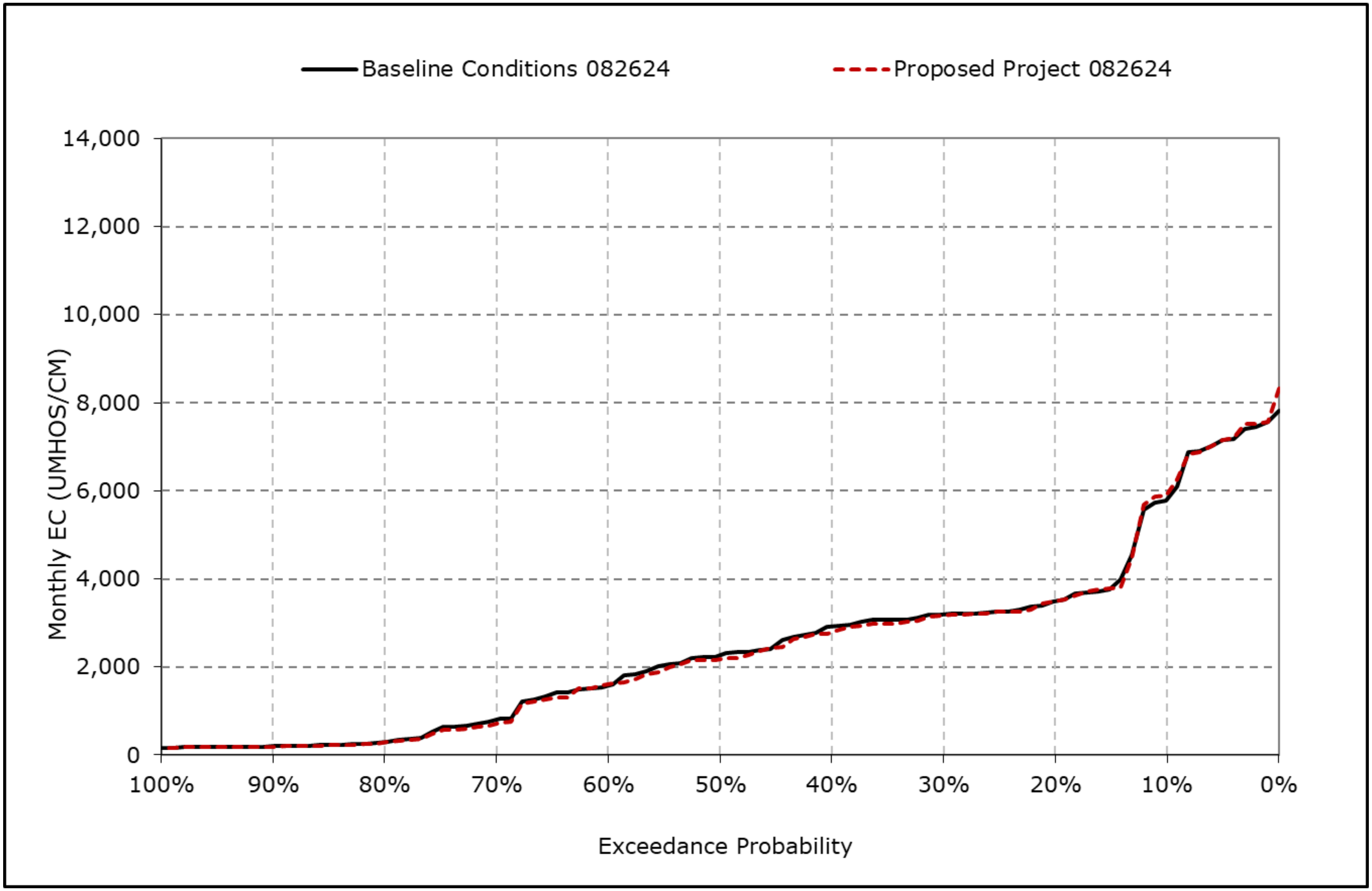
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6n. Sacramento River at Collinsville Salinity, May EC



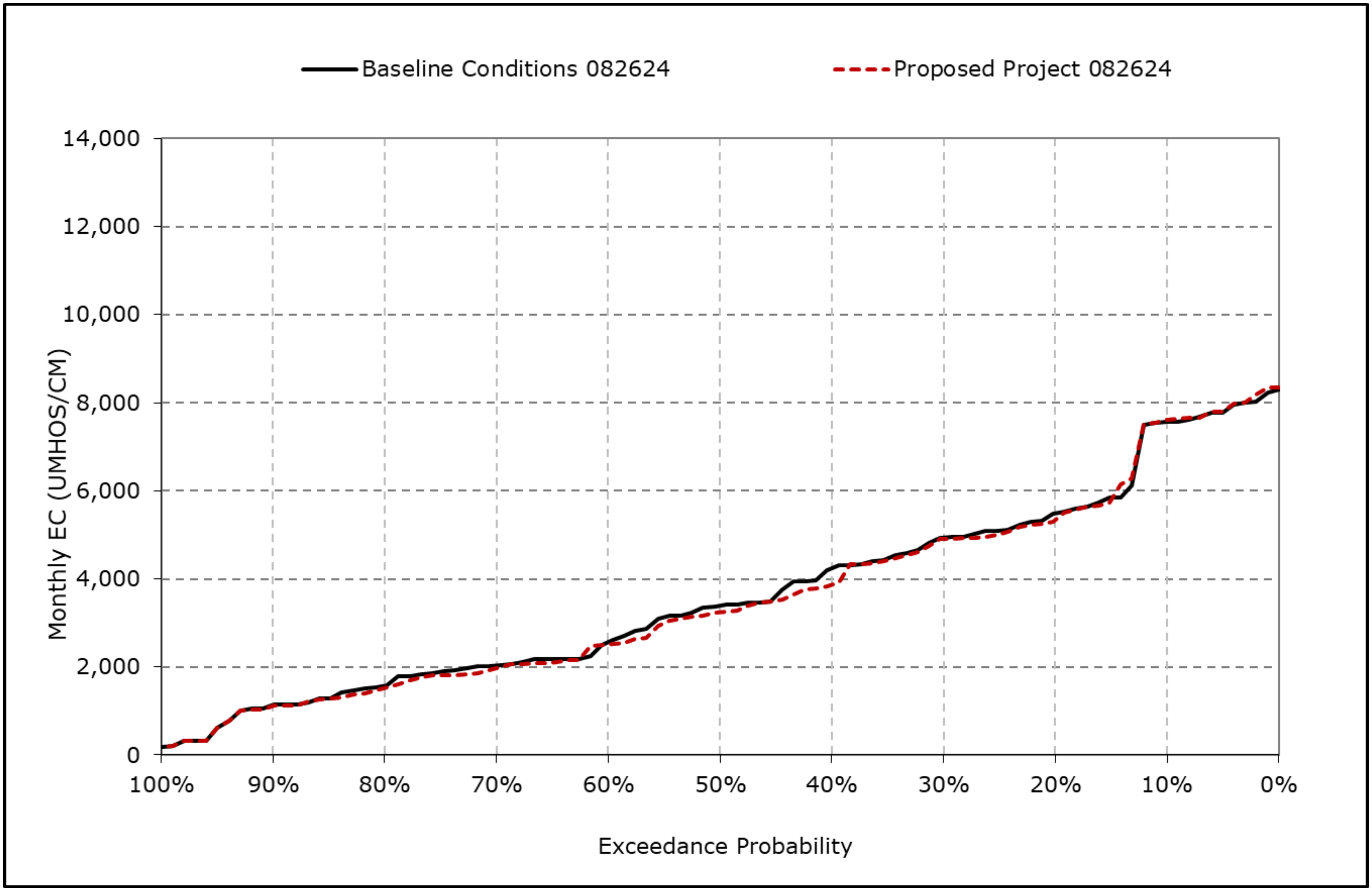
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6o. Sacramento River at Collinsville Salinity, June EC



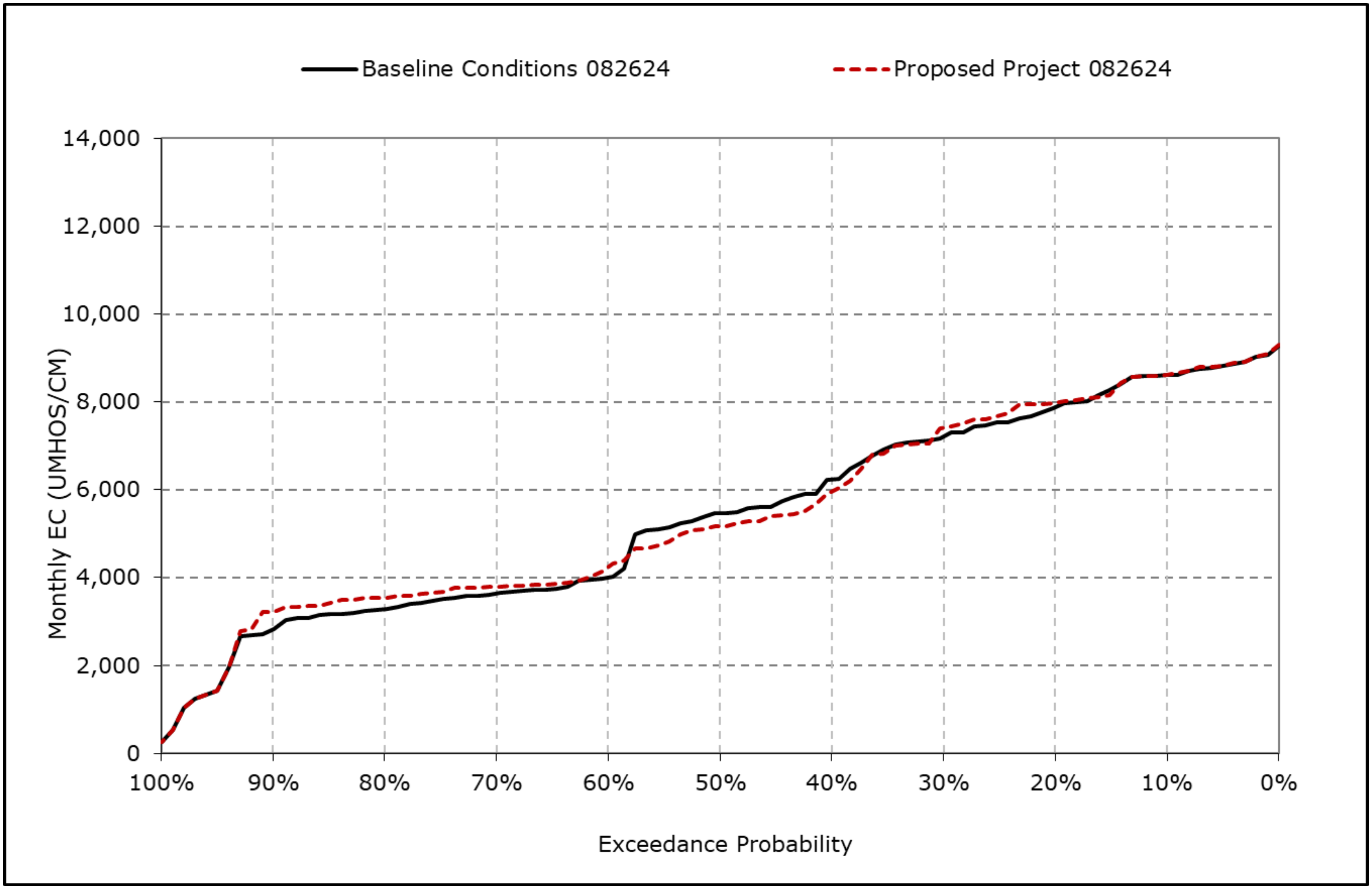
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6p. Sacramento River at Collinsville Salinity, July EC



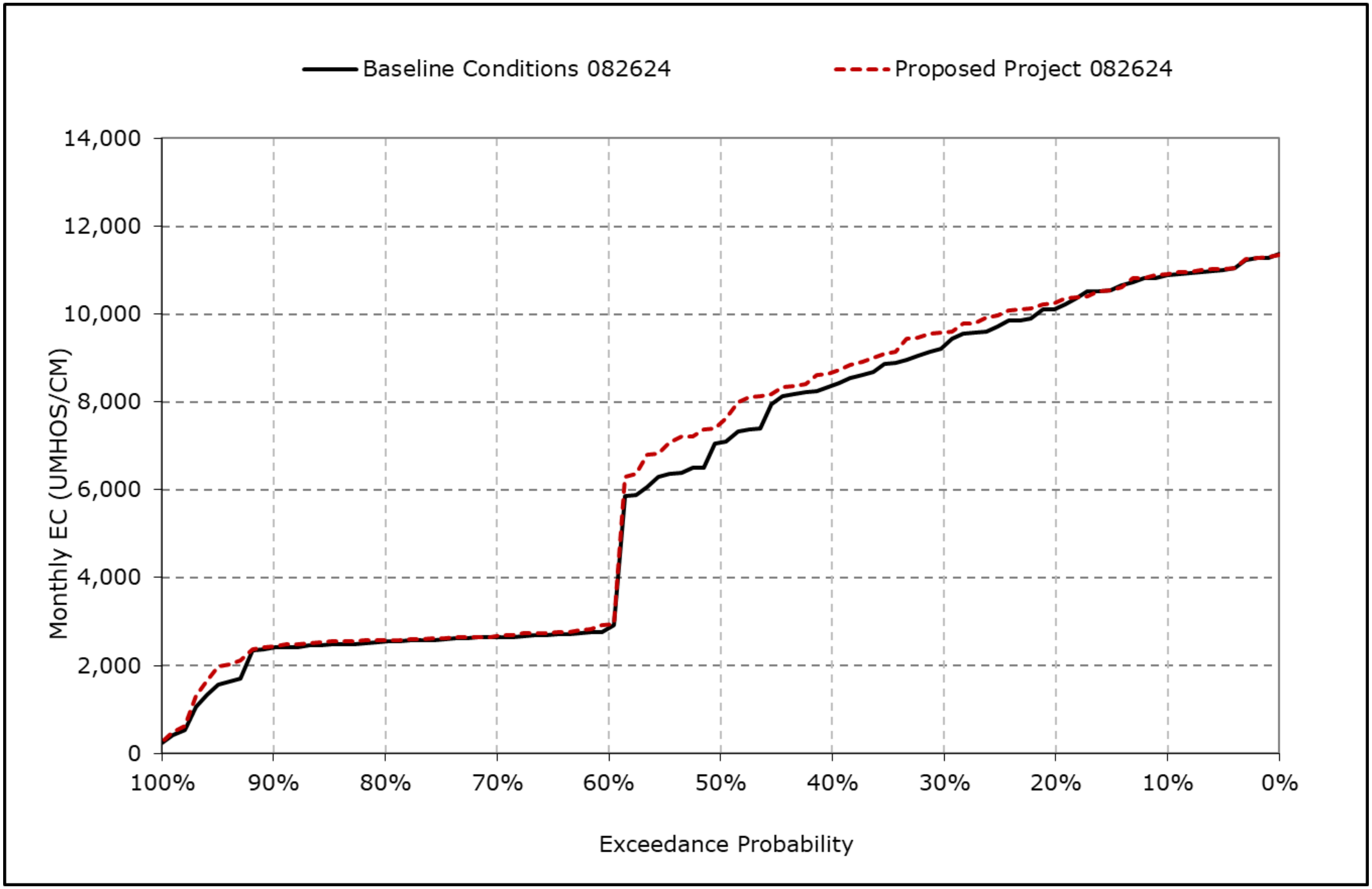
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-6q. Sacramento River at Collinsville Salinity, August EC



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

Figure 4B-6-6r. Sacramento River at Collinsville Salinity, September EC



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

Table 4B-6-7-1a. Sacramento River at Mallard Slough Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	16,099	15,030	12,367	9,514	4,854	4,071	4,618	6,179	9,244	11,583	12,866	15,288
20% Exceedance	14,928	14,256	11,614	7,546	3,187	2,377	3,268	4,403	6,401	9,016	11,924	14,504
30% Exceedance	14,213	13,448	10,278	6,068	1,789	1,046	2,298	3,731	5,785	8,383	11,146	13,530
40% Exceedance	13,719	12,792	9,220	3,377	996	759	1,427	2,468	5,534	7,423	10,151	12,570
50% Exceedance	12,001	10,812	7,594	2,385	631	544	847	1,508	4,401	6,361	9,017	11,090
60% Exceedance	5,329	8,401	5,646	1,501	356	271	507	1,003	3,360	5,168	7,267	5,753
70% Exceedance	5,013	8,066	2,841	397	218	215	373	557	1,911	4,315	6,798	5,472
80% Exceedance	4,958	7,346	1,298	237	199	194	234	269	730	3,426	6,220	5,369
90% Exceedance	4,747	4,860	739	193	189	189	190	203	319	2,488	5,607	5,063
Full Simulation Period Average[a]	10,045	10,255	6,892	3,677	1,707	1,337	1,804	2,575	4,366	6,408	8,878	9,891
Wet Water Years (32%)	8,987	8,416	3,343	765	230	221	344	555	1,378	2,999	5,512	4,725
Above Normal Years (9%)	9,364	9,663	6,147	1,411	362	325	466	914	2,407	4,254	6,781	5,185
Below Normal Years (20%)	9,386	10,226	8,241	3,778	1,266	678	1,068	1,717	4,386	6,467	9,173	11,373
Dry Water Years (21%)	10,012	10,664	8,204	5,686	2,513	1,820	2,618	3,469	5,614	8,502	11,214	13,700
Critical Water Years (18%)	13,035	13,375	10,545	7,530	4,551	3,996	4,940	6,909	9,178	11,035	12,855	15,340

Table 4B-6-7-1b. Sacramento River at Mallard Slough Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

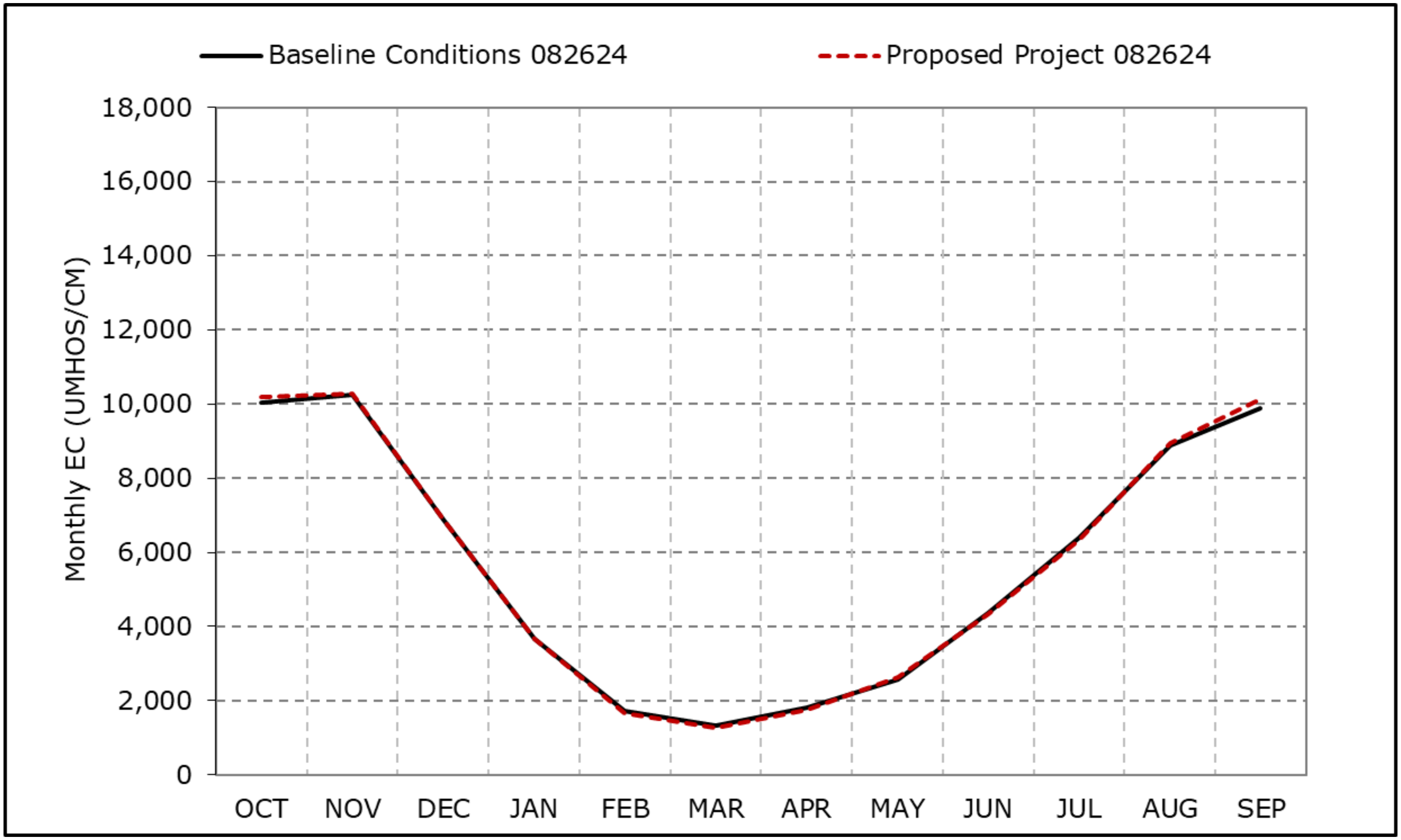
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	16,099	15,084	12,409	9,333	4,694	3,631	4,722	6,358	9,402	11,641	12,884	15,324
20% Exceedance	14,982	14,236	11,598	7,509	3,176	2,098	3,148	4,237	6,349	8,879	11,947	14,622
30% Exceedance	14,365	13,573	10,257	6,136	1,755	1,008	2,195	3,748	5,824	8,329	11,409	13,949
40% Exceedance	13,808	12,834	9,329	3,375	957	676	1,380	2,469	5,248	7,059	9,853	12,883
50% Exceedance	12,854	10,935	7,560	2,348	605	546	805	1,672	4,320	6,236	8,795	11,787
60% Exceedance	5,286	8,438	5,628	1,453	351	264	522	1,160	3,460	5,044	7,603	5,847
70% Exceedance	5,056	8,047	2,759	397	218	217	389	637	1,760	4,236	7,003	5,533
80% Exceedance	4,963	7,179	1,305	232	199	194	238	275	677	3,345	6,654	5,431
90% Exceedance	4,770	4,869	736	193	189	189	190	206	309	2,480	6,238	5,186
Full Simulation Period Average[a]	10,189	10,276	6,874	3,669	1,671	1,277	1,761	2,633	4,326	6,330	8,952	10,140
Wet Water Years (32%)	9,140	8,434	3,267	724	228	223	370	632	1,316	2,966	5,770	4,909
Above Normal Years (9%)	9,369	9,633	6,216	1,464	361	313	459	1,022	2,323	4,097	6,993	5,290
Below Normal Years (20%)	9,578	10,263	8,217	3,753	1,248	623	1,013	1,839	4,334	6,245	8,874	11,966
Dry Water Years (21%)	10,063	10,707	8,222	5,721	2,491	1,671	2,396	3,357	5,529	8,432	11,358	13,987
Critical Water Years (18%)	13,292	13,385	10,549	7,520	4,402	3,900	4,975	7,034	9,266	11,067	12,866	15,346

Table 4B-6-7-1c. Sacramento River at Mallard Slough Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	54	42	-181	-160	-441	105	179	158	58	18	36
20% Exceedance	54	-20	-17	-37	-11	-279	-120	-166	-52	-137	23	118
30% Exceedance	152	125	-21	68	-34	-38	-103	17	40	-55	263	420
40% Exceedance	90	42	109	-3	-39	-83	-47	1	-286	-364	-298	313
50% Exceedance	853	123	-35	-36	-26	1	-41	164	-81	-125	-222	697
60% Exceedance	-43	37	-18	-49	-5	-7	15	156	100	-124	336	94
70% Exceedance	43	-18	-82	0	-1	2	16	79	-150	-79	205	61
80% Exceedance	5	-167	7	-5	0	0	5	6	-54	-82	434	63
90% Exceedance	24	9	-3	0	0	0	0	2	-10	-8	631	123
Full Simulation Period Average[a]	144	22	-18	-8	-36	-60	-43	58	-40	-78	74	248
Wet Water Years (32%)	152	18	-76	-41	-2	1	26	78	-62	-34	258	184
Above Normal Years (9%)	5	-30	70	54	-1	-12	-7	107	-84	-157	212	105
Below Normal Years (20%)	192	37	-24	-26	-17	-56	-55	122	-52	-223	-299	593
Dry Water Years (21%)	51	43	17	35	-22	-149	-222	-112	-85	-70	144	287
Critical Water Years (18%)	256	11	4	-11	-150	-96	35	125	88	32	11	5

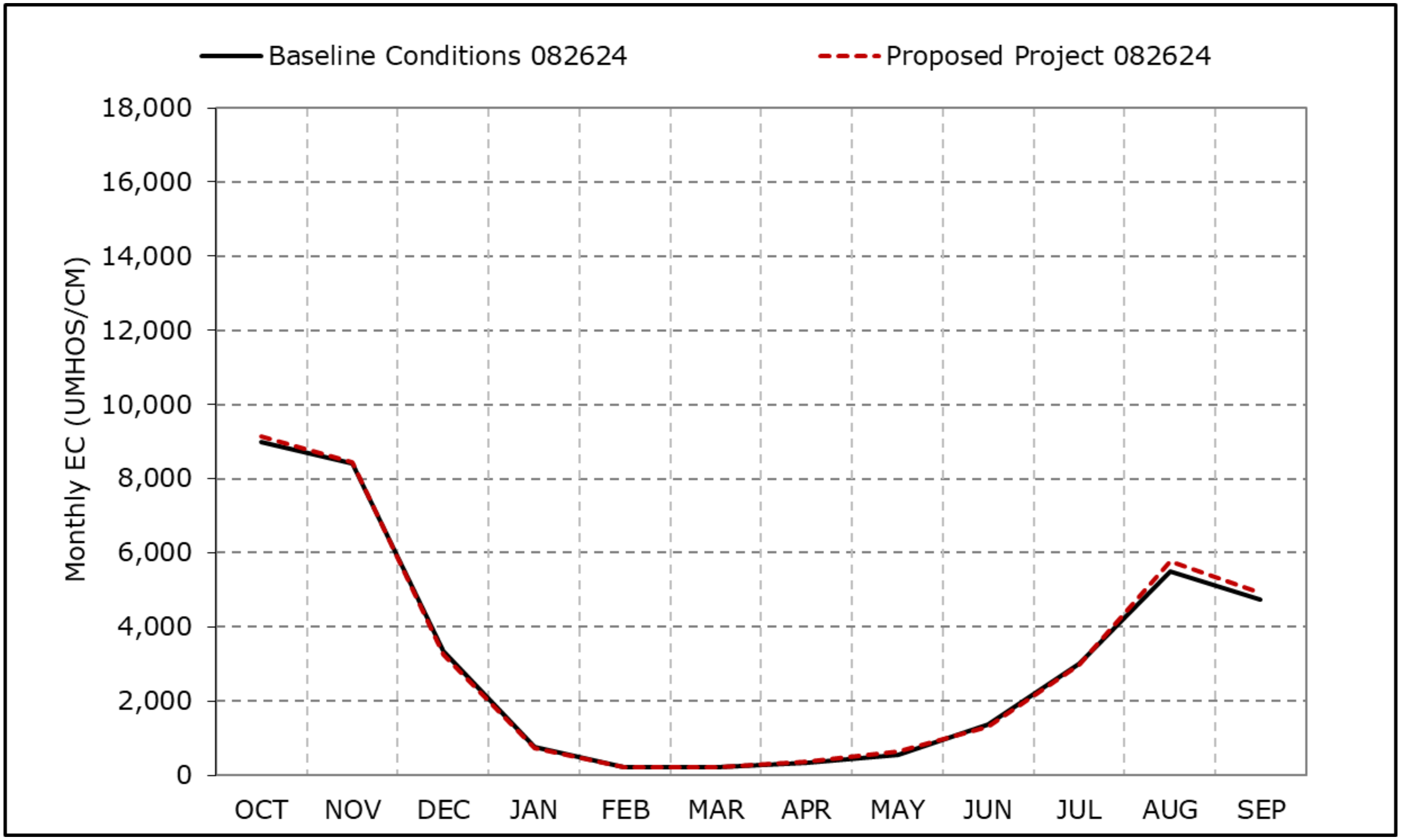
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-7a. Sacramento River at Mallard Slough Salinity, Long-Term Average EC



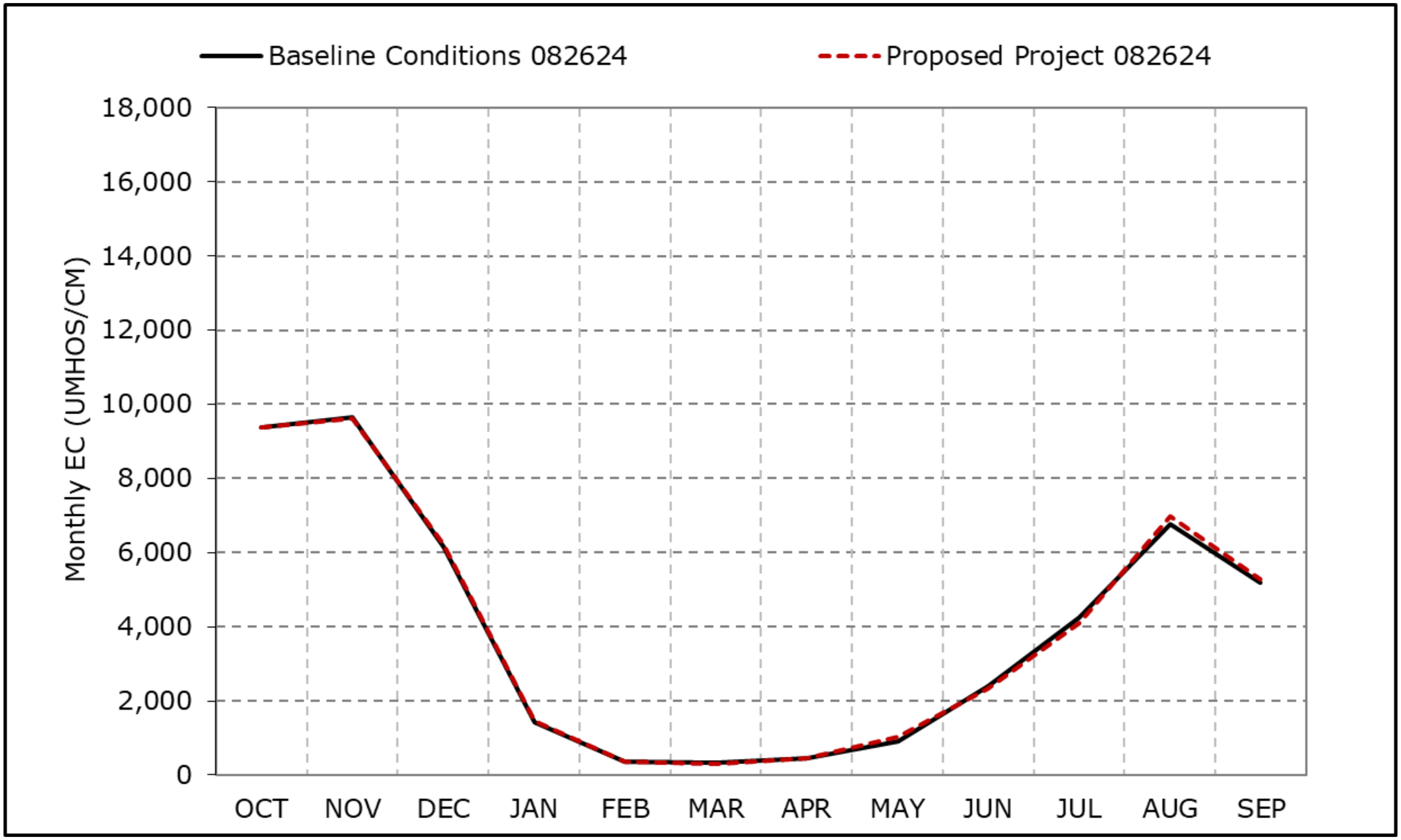
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7b. Sacramento River at Mallard Slough Salinity, Wet Year Average EC



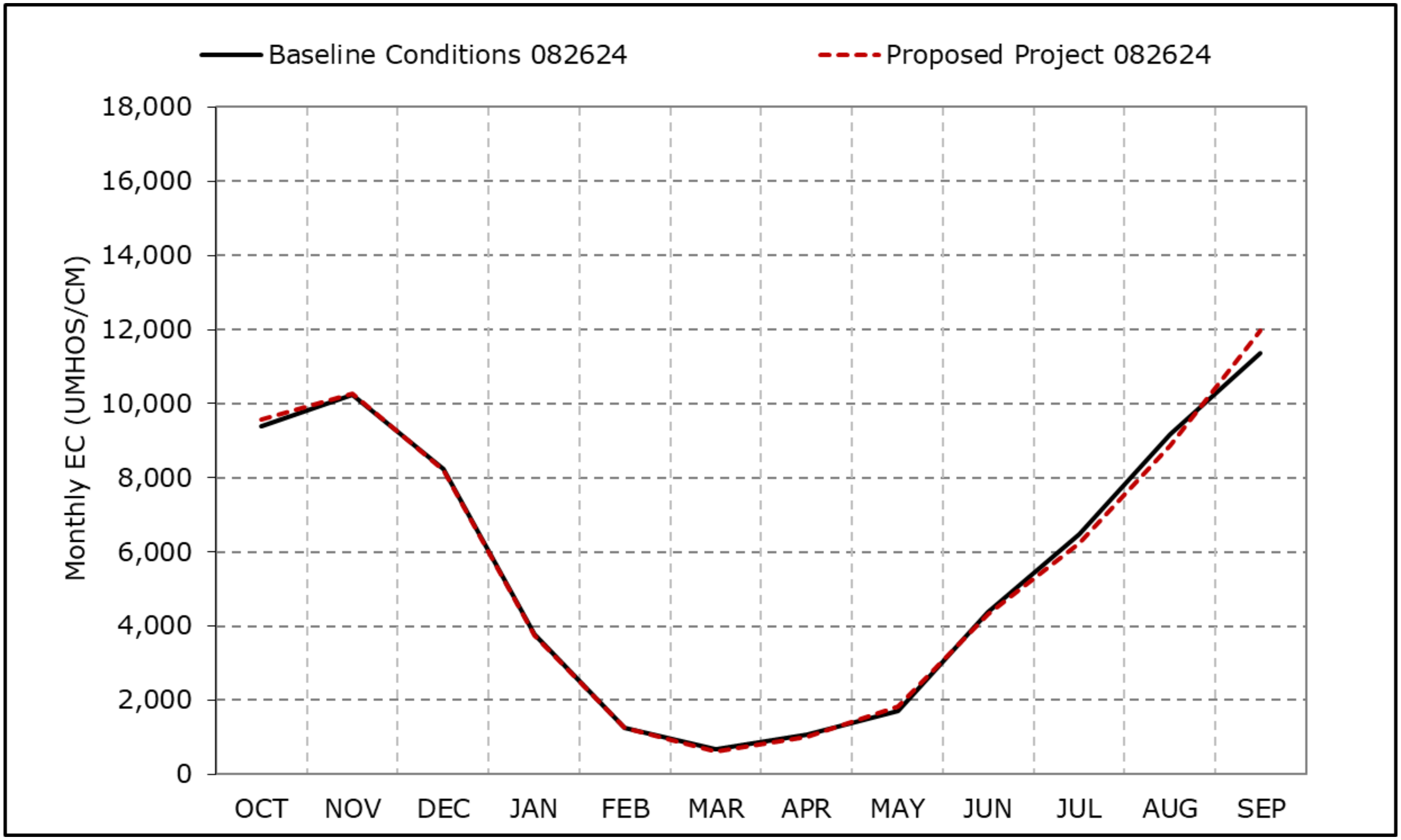
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7c. Sacramento River at Mallard Slough Salinity, Above Normal Year Average EC



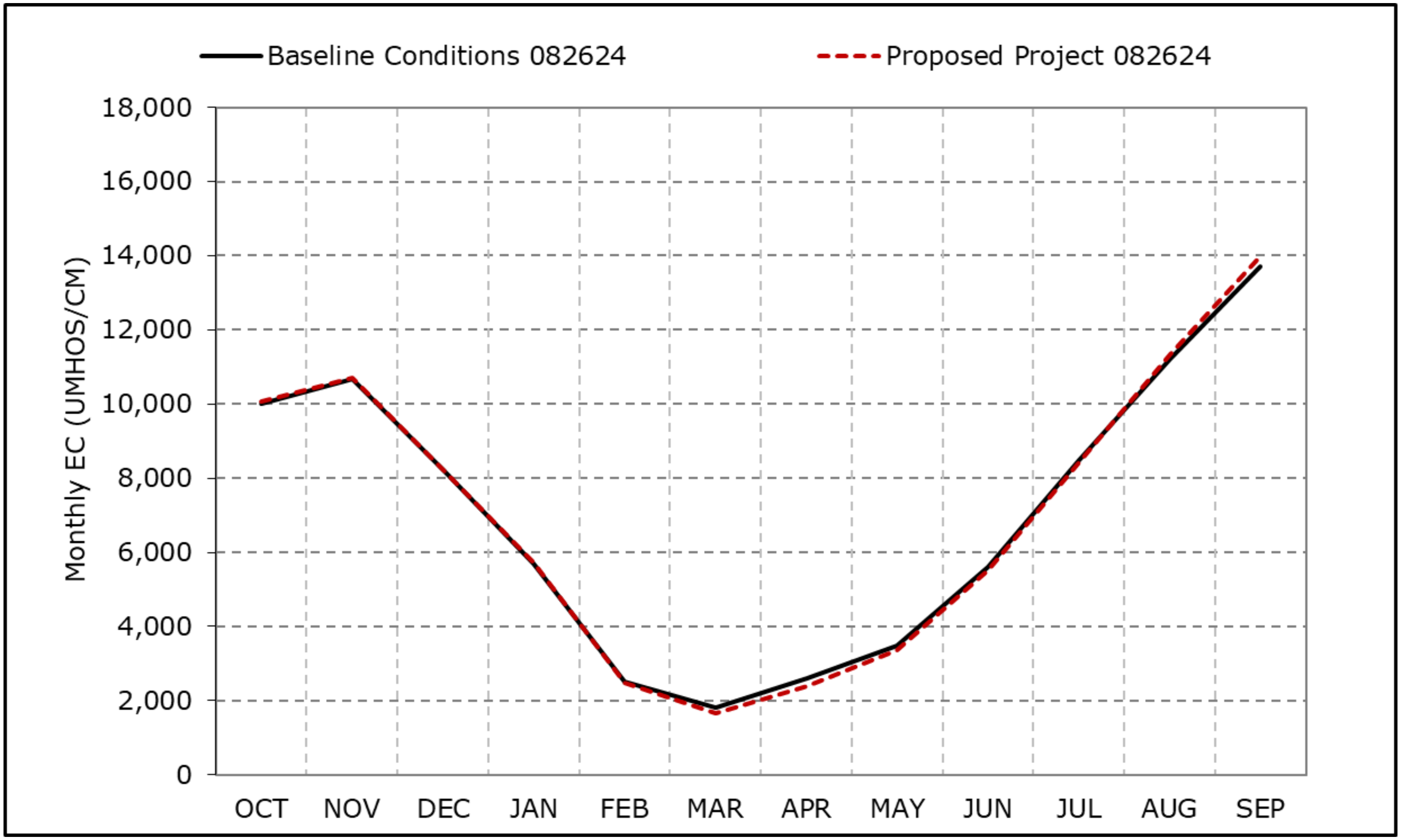
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7d. Sacramento River at Mallard Slough Salinity, Below Normal Year Average EC



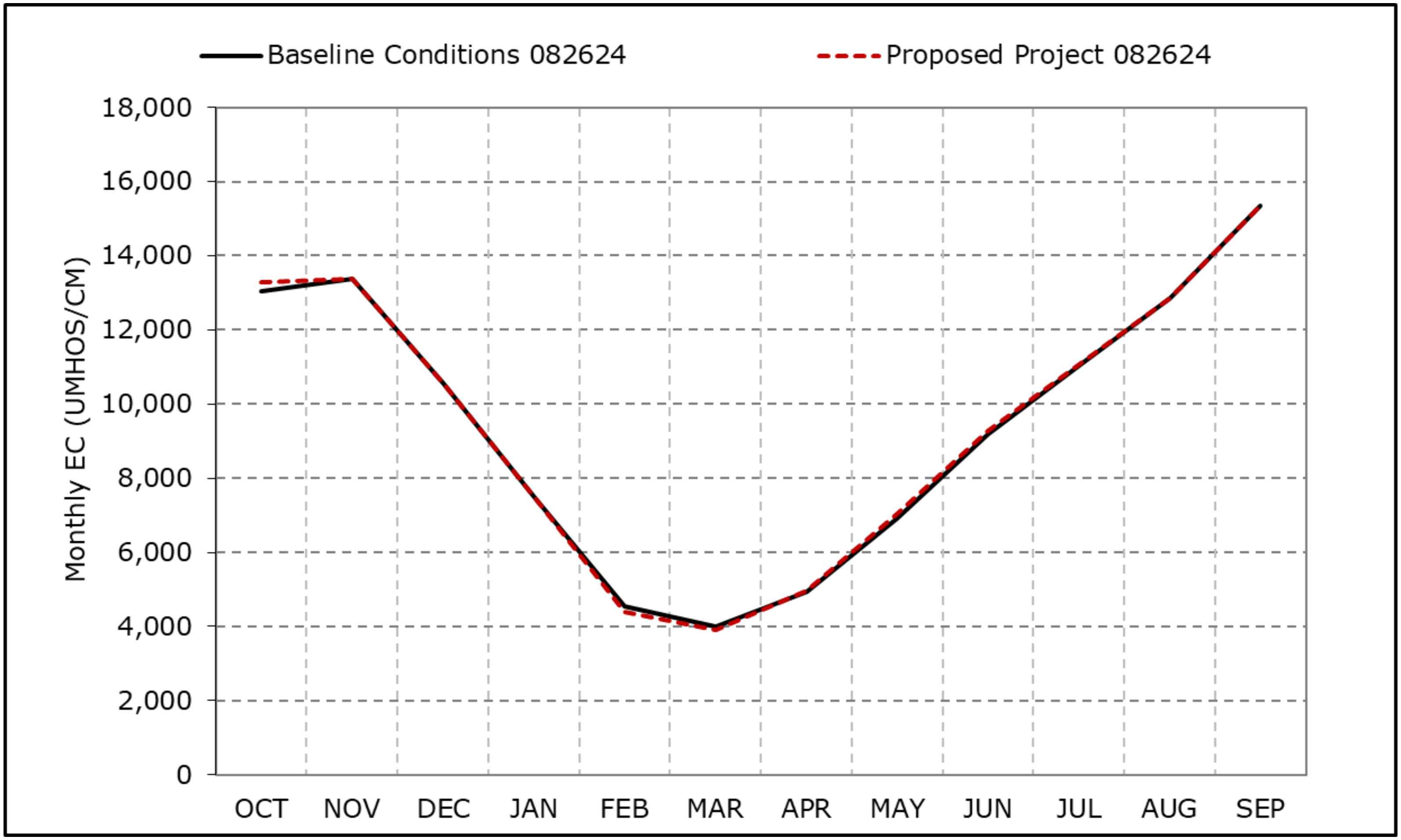
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7e. Sacramento River at Mallard Slough Salinity, Dry Year Average EC



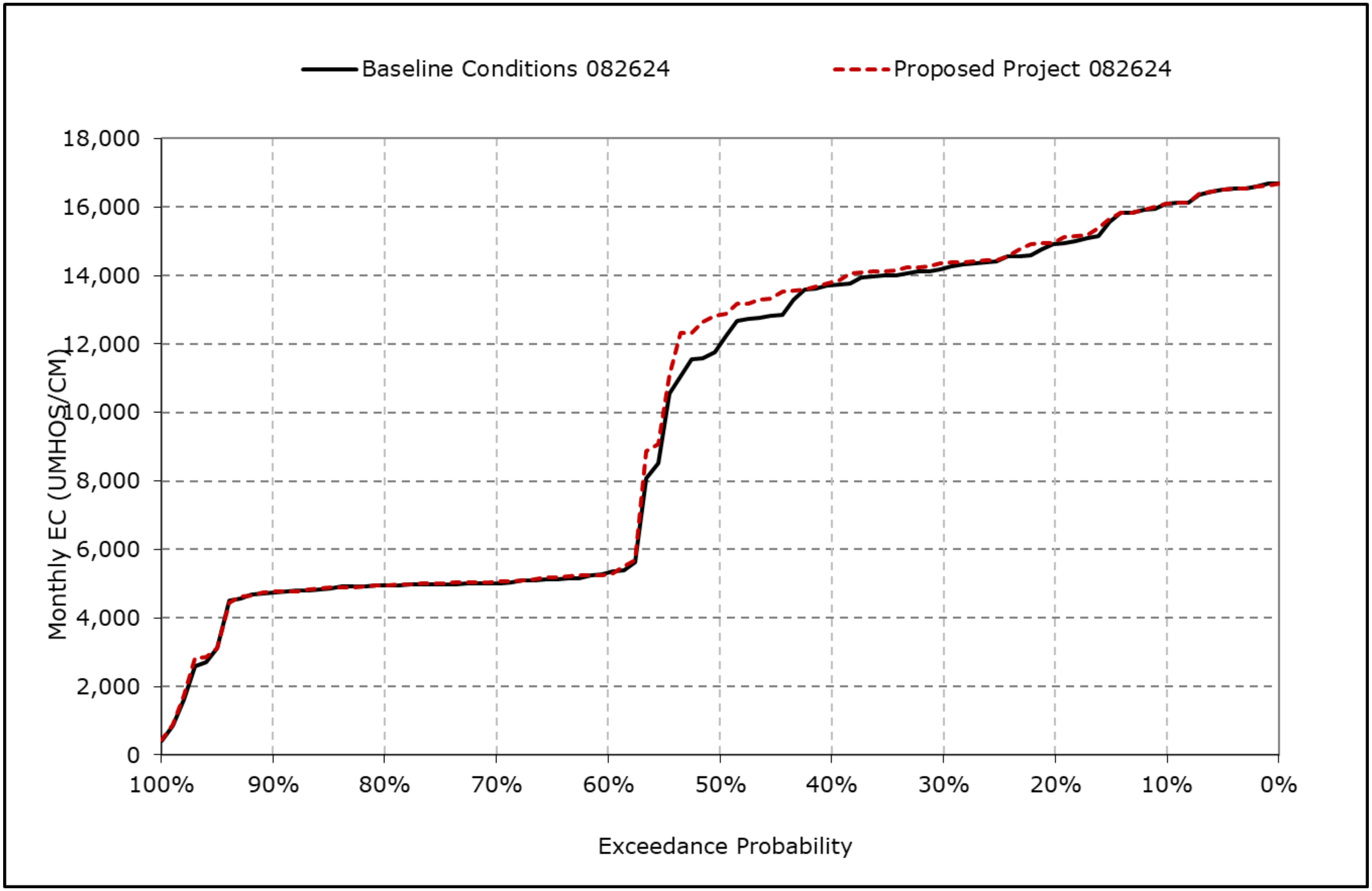
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7f. Sacramento River at Mallard Slough Salinity, Critical Year Average EC



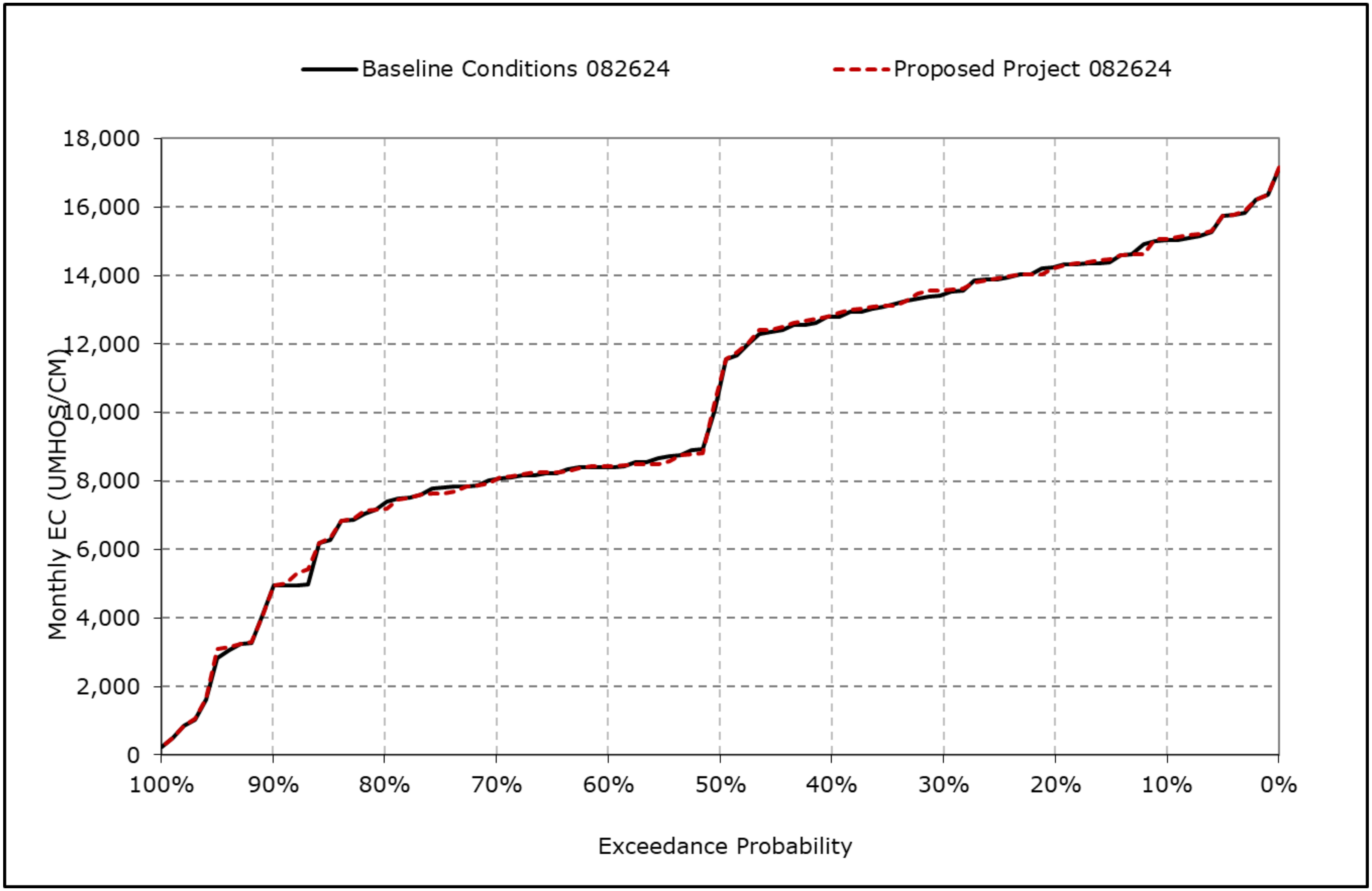
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7g. Sacramento River at Mallard Slough Salinity, October EC



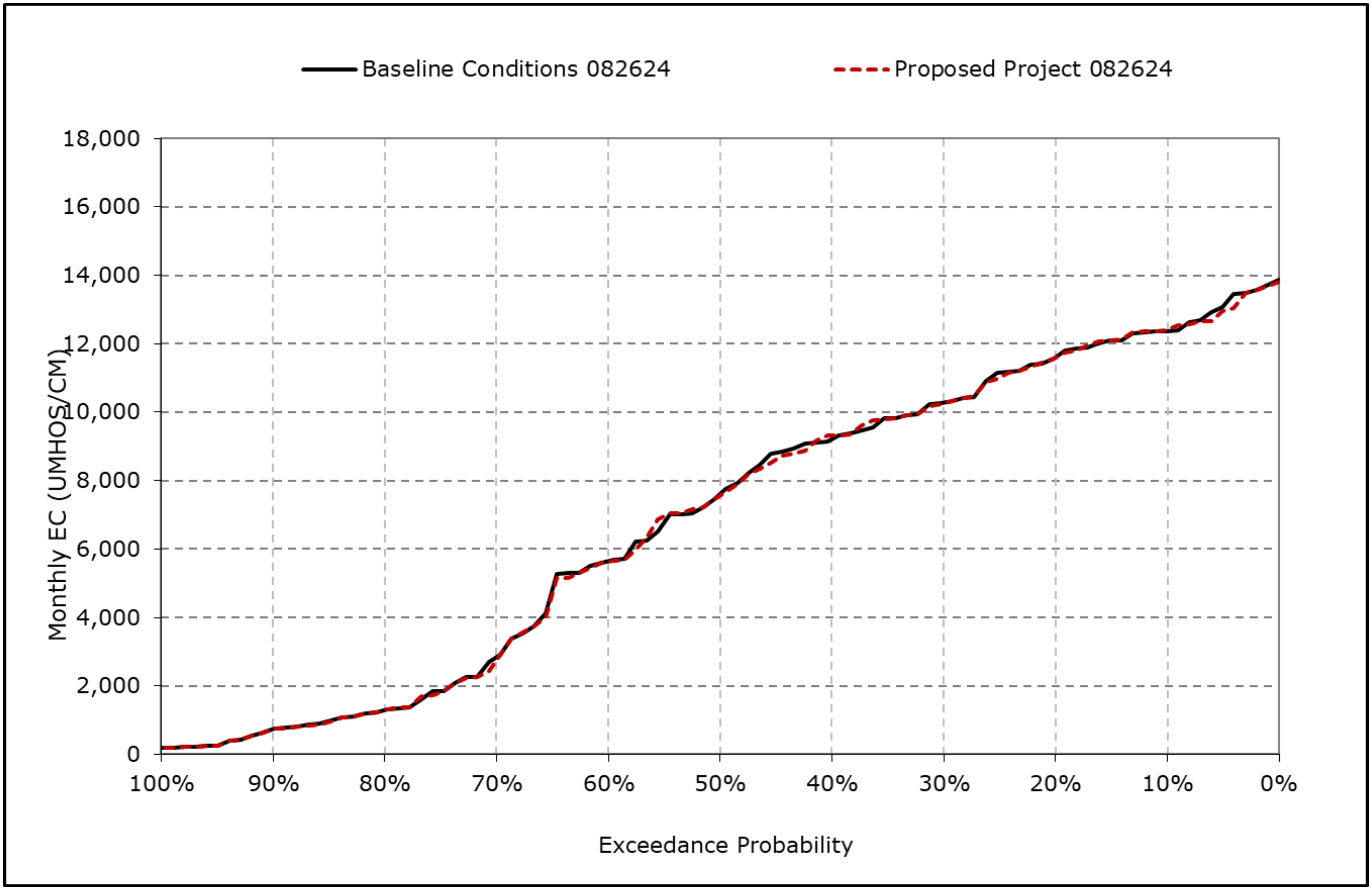
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7h. Sacramento River at Mallard Slough Salinity, November EC



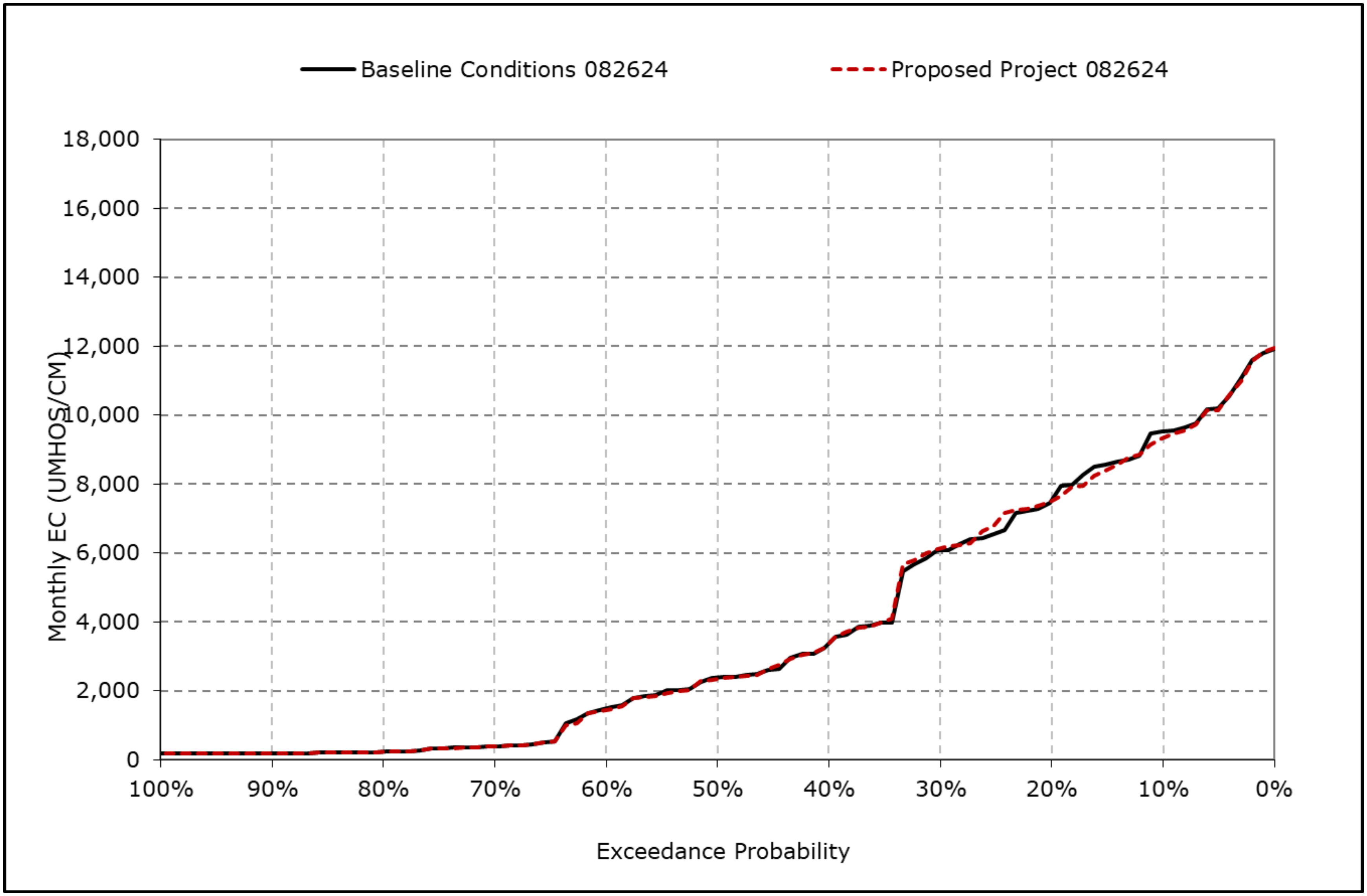
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7i. Sacramento River at Mallard Slough Salinity, December EC



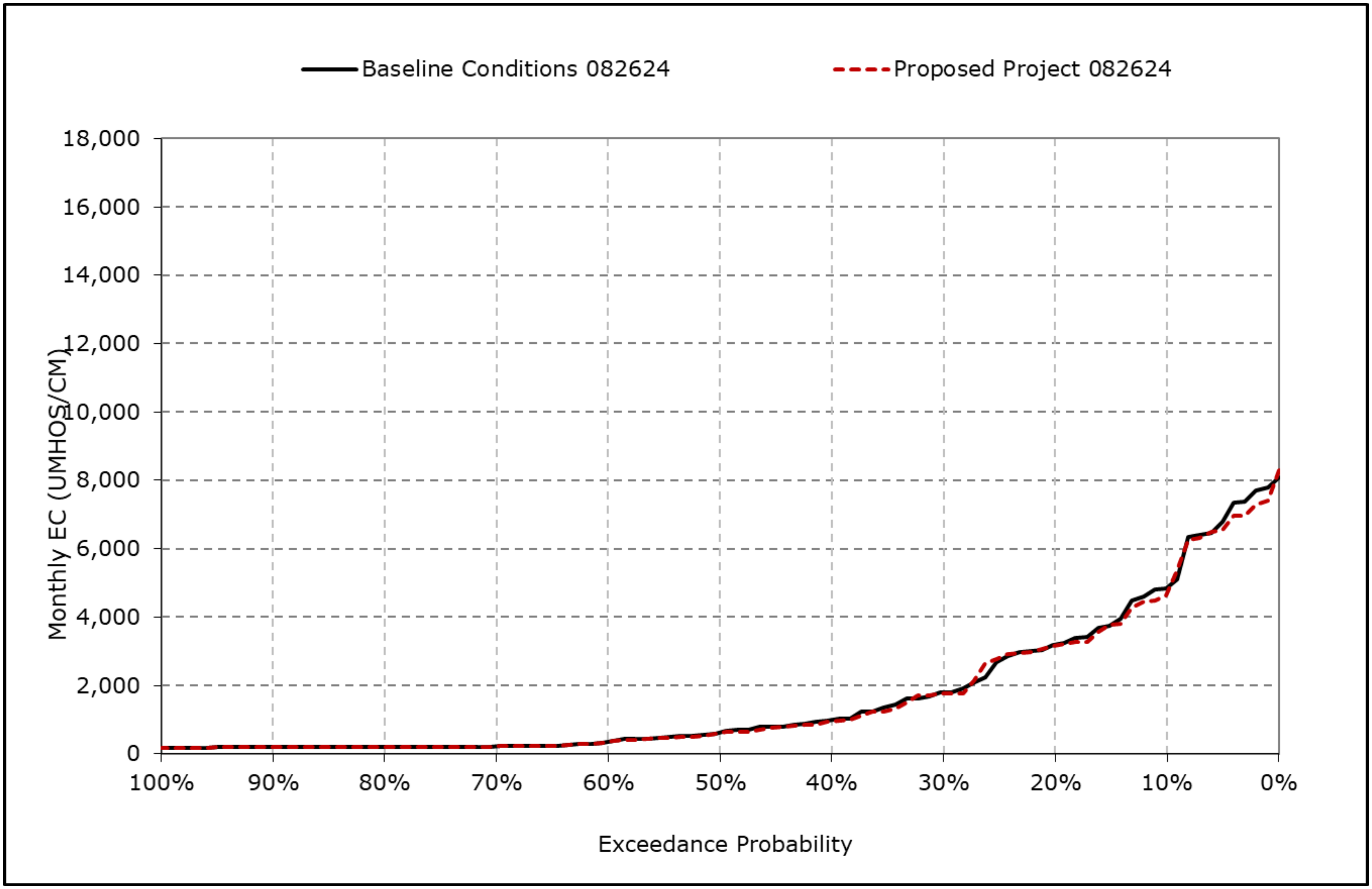
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7j. Sacramento River at Mallard Slough Salinity, January EC



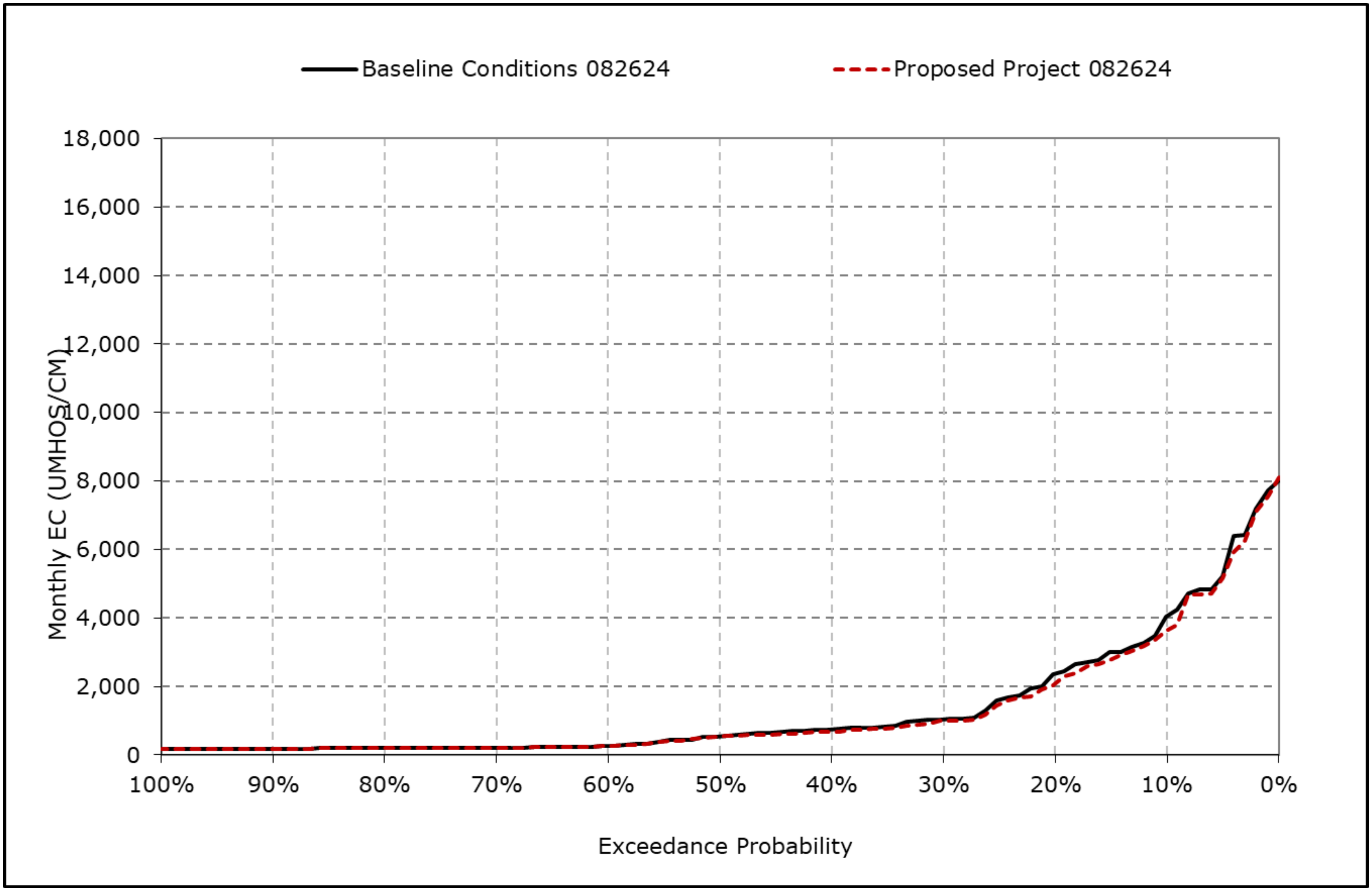
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7k. Sacramento River at Mallard Slough Salinity, February EC



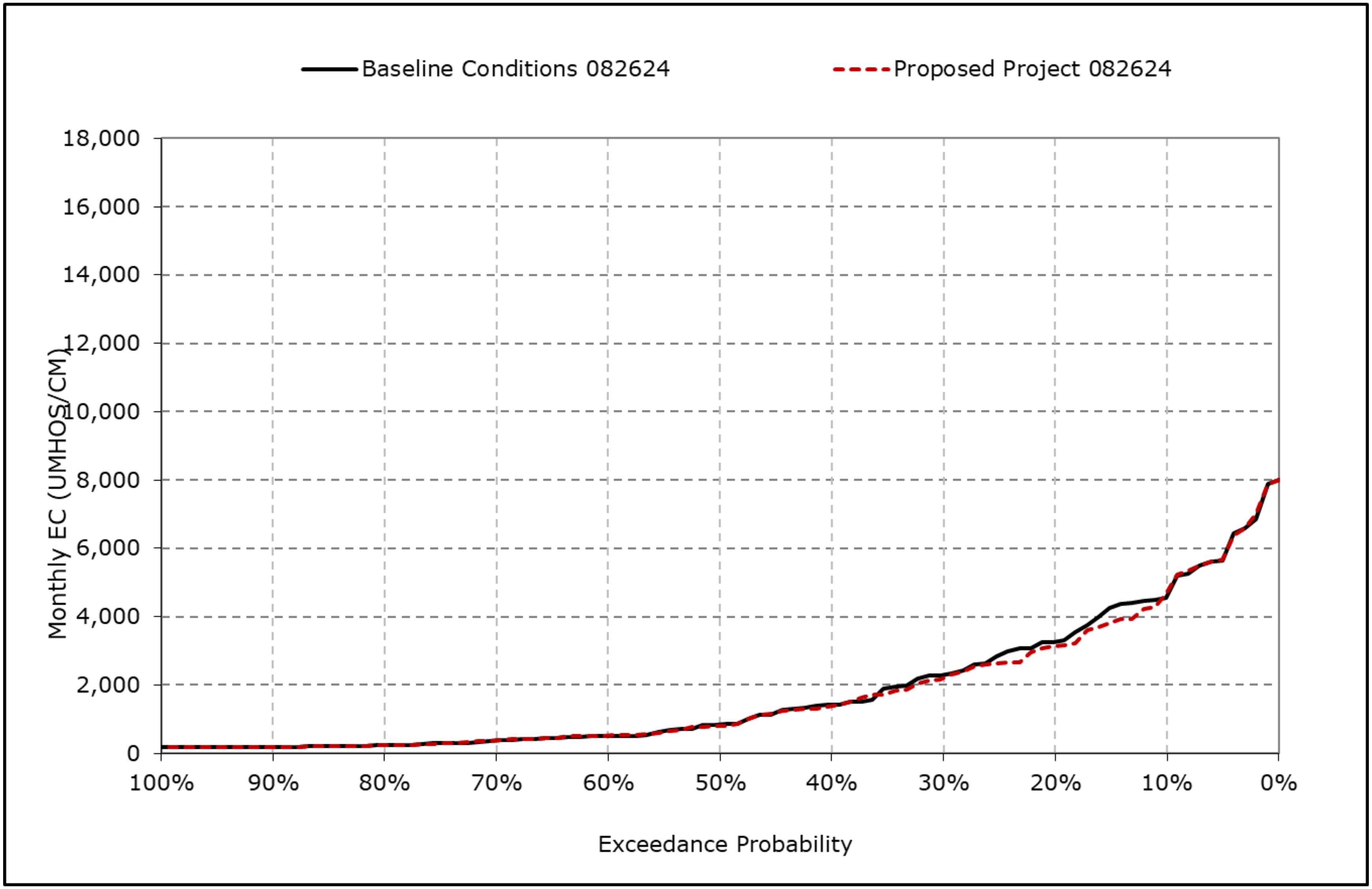
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7l. Sacramento River at Mallard Slough Salinity, March EC



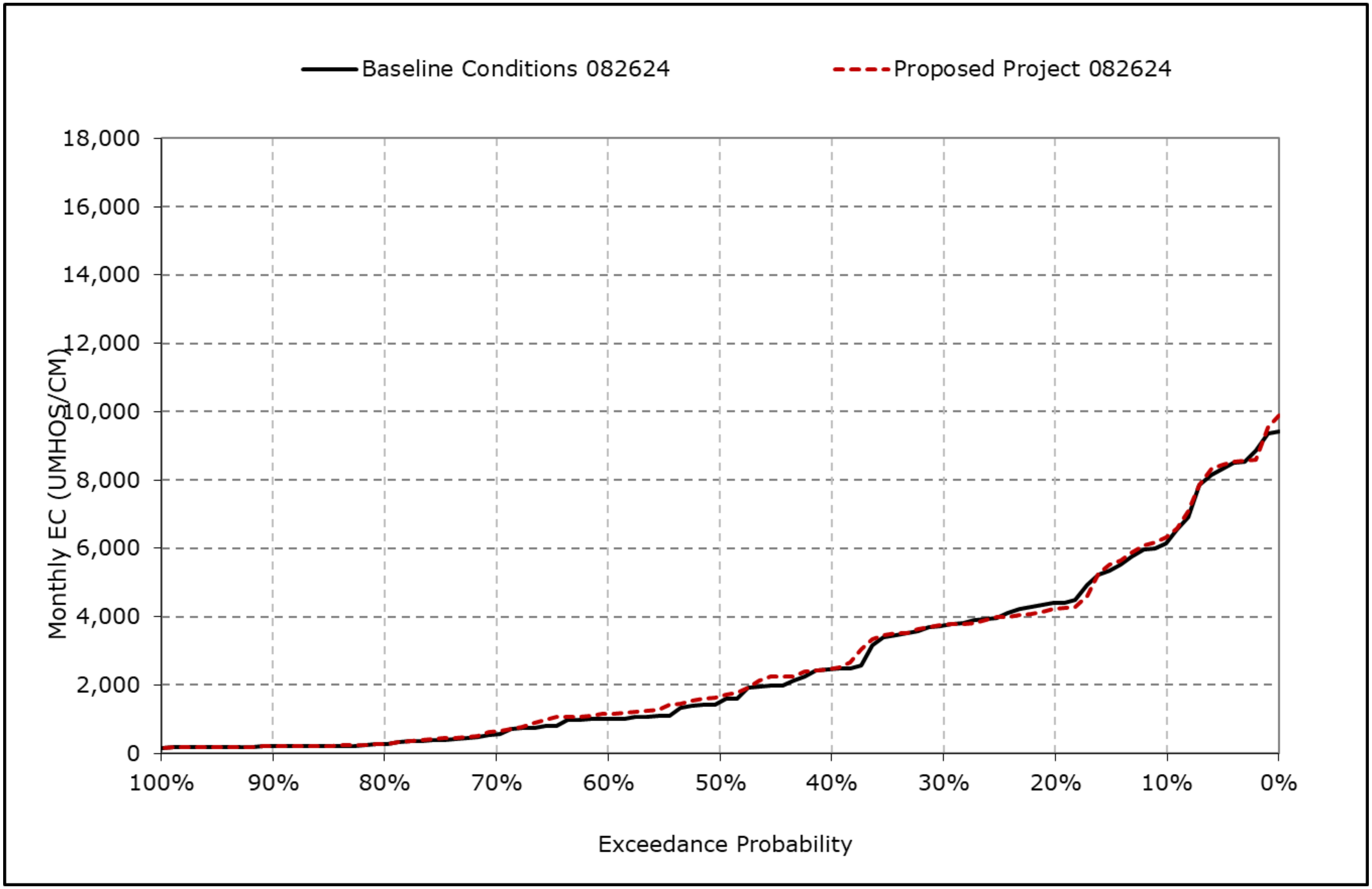
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7m. Sacramento River at Mallard Slough Salinity, April EC



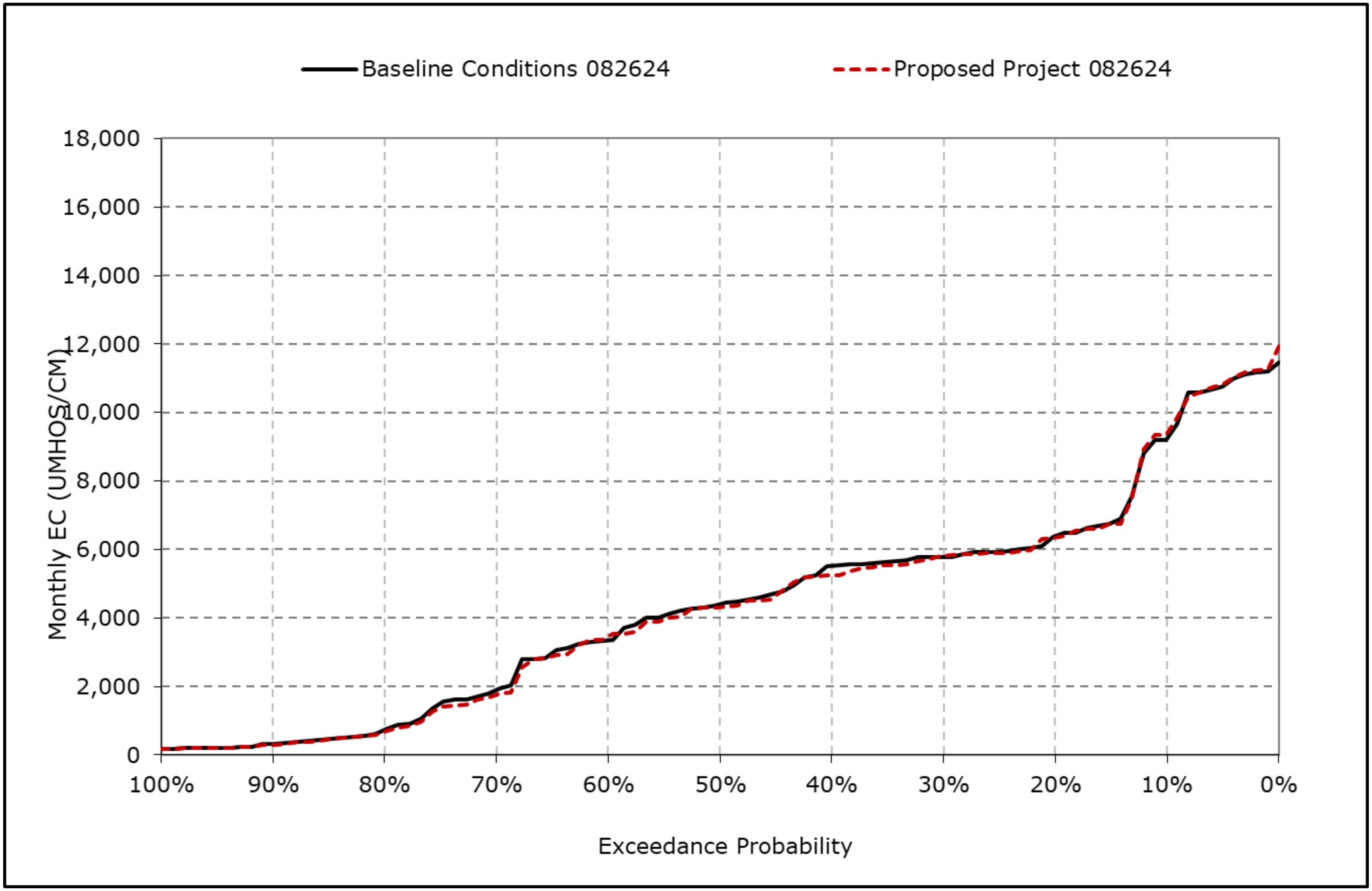
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7n. Sacramento River at Mallard Slough Salinity, May EC



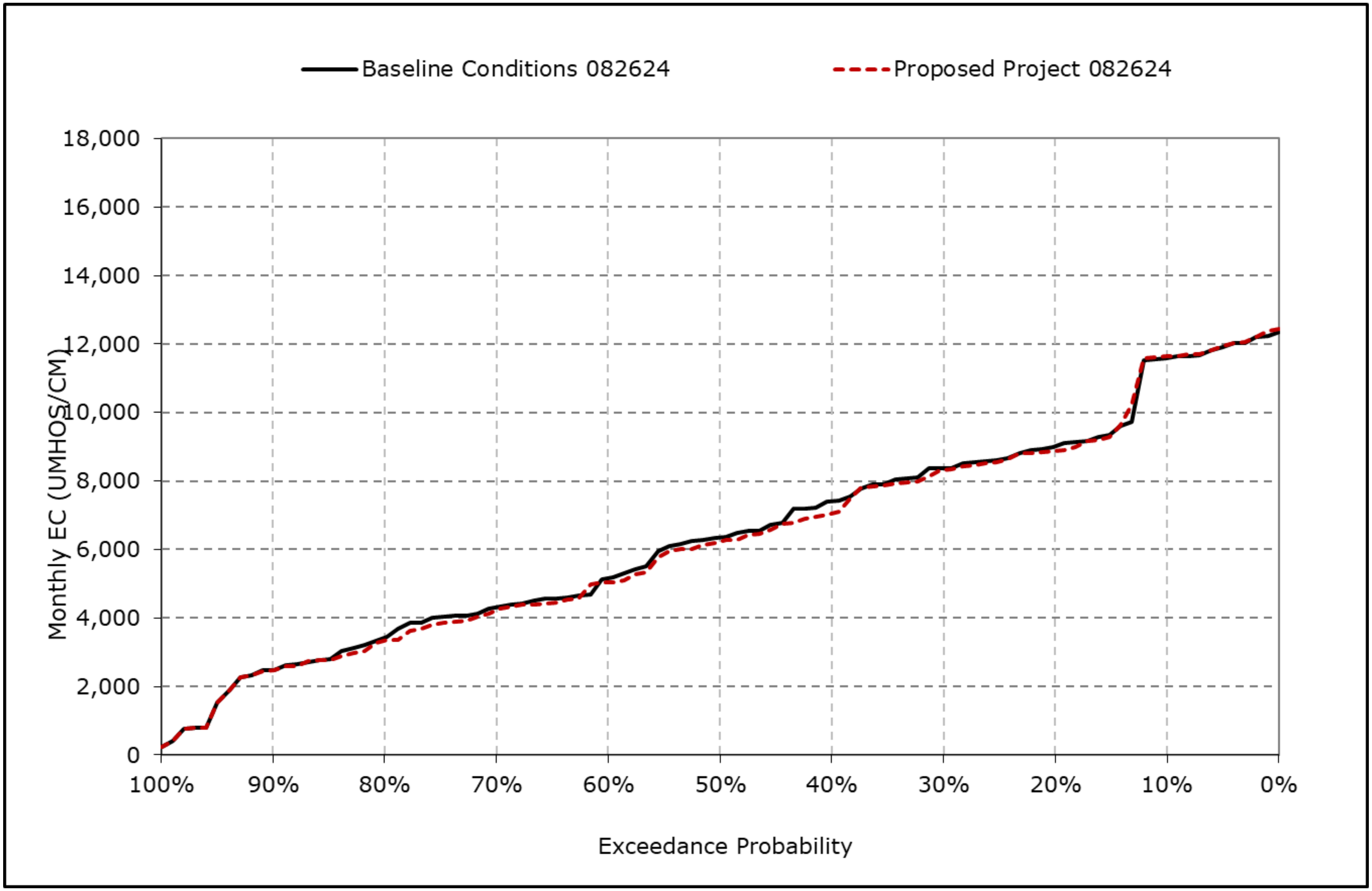
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7o. Sacramento River at Mallard Slough Salinity, June EC



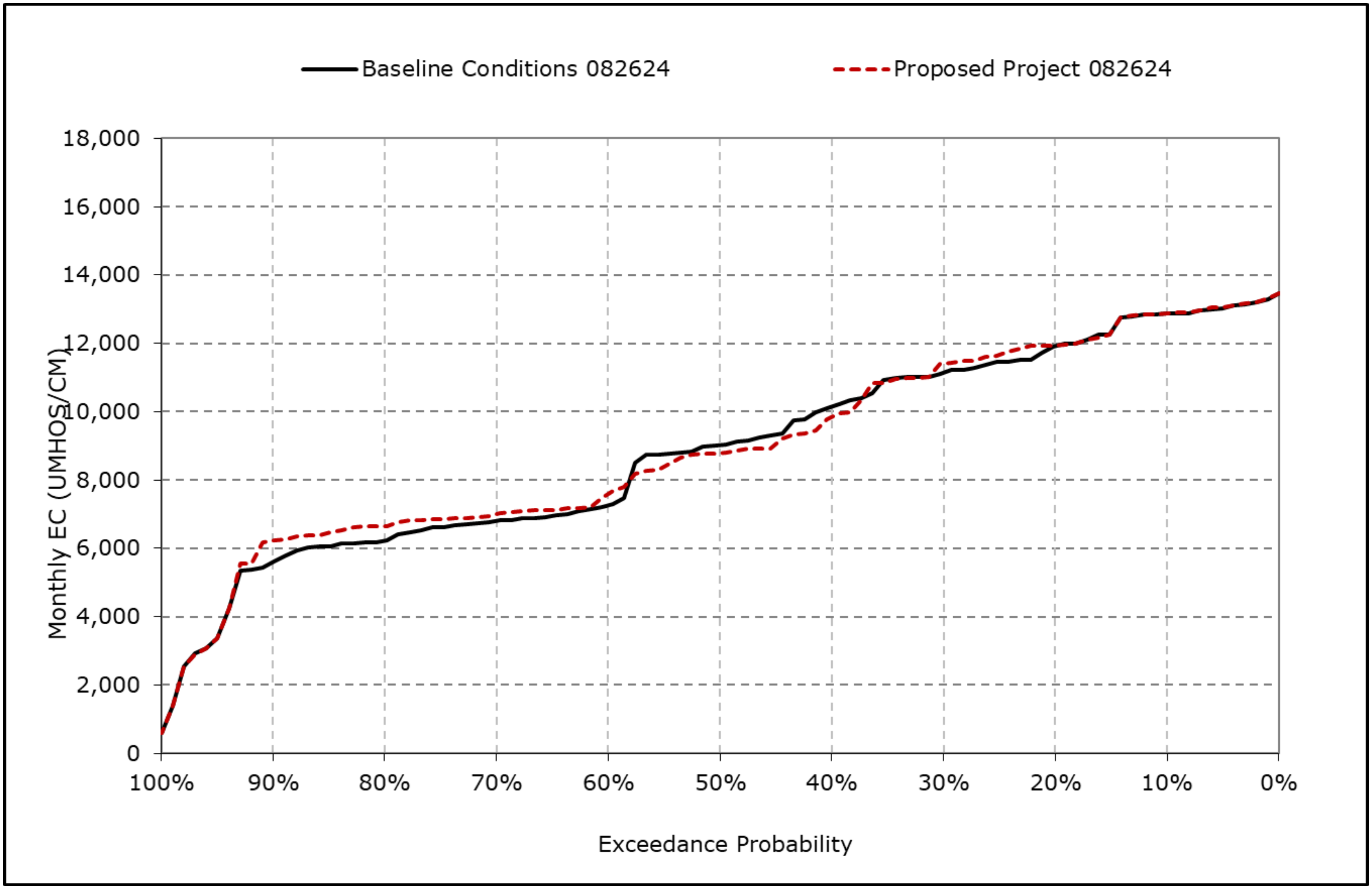
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7p. Sacramento River at Mallard Slough Salinity, July EC



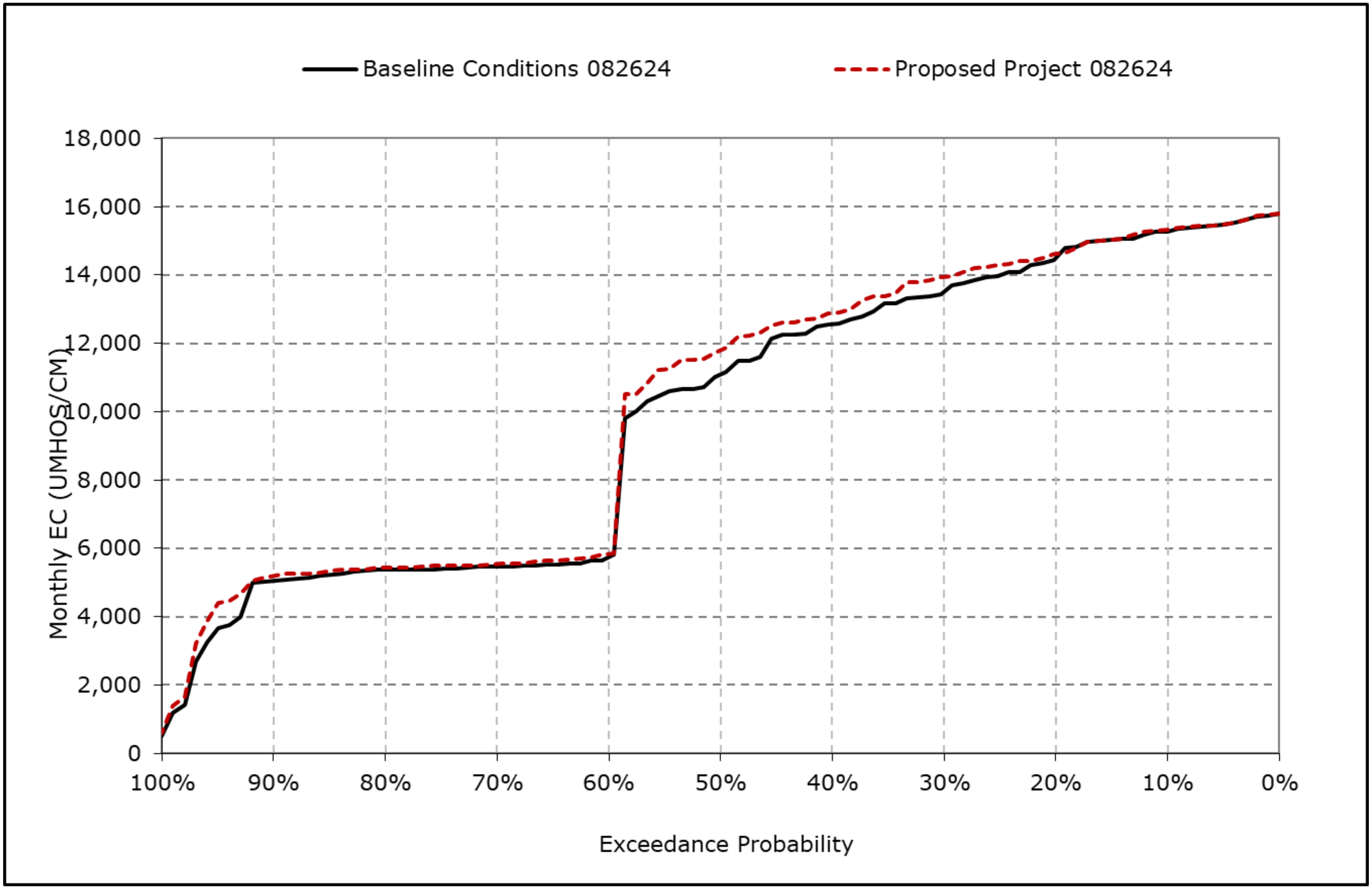
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-7q. Sacramento River at Mallard Slough Salinity, August EC



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

Figure 4B-6-7r. Sacramento River at Mallard Slough Salinity, September EC



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

Table 4B-6-8-1a. Chipps Island North Channel Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	17,315	16,179	13,491	10,589	5,707	4,872	5,458	7,107	10,345	12,810	14,143	16,520
20% Exceedance	16,136	15,425	12,739	8,536	3,839	2,966	3,974	5,195	7,382	10,067	13,086	15,705
30% Exceedance	15,437	14,601	11,426	7,019	2,158	1,361	2,832	4,467	6,667	9,499	12,285	14,703
40% Exceedance	14,947	13,960	10,382	4,077	1,300	1,001	1,831	3,036	6,400	8,430	11,341	13,835
50% Exceedance	13,221	11,927	8,633	2,946	805	685	1,100	1,904	5,131	7,361	10,061	12,329
60% Exceedance	6,289	9,514	6,519	1,865	446	328	652	1,299	4,044	6,045	8,331	6,807
70% Exceedance	5,994	9,164	3,480	480	238	241	474	724	2,371	5,162	7,805	6,517
80% Exceedance	5,899	8,390	1,565	264	204	200	263	329	955	4,127	7,234	6,393
90% Exceedance	5,683	5,653	857	195	191	188	197	228	406	3,057	6,612	6,050
Full Simulation Period Average[a]	11,121	11,293	7,699	4,195	2,016	1,606	2,160	3,031	5,025	7,310	9,963	11,009
Wet Water Years (32%)	10,018	9,379	3,833	887	249	242	411	683	1,672	3,614	6,452	5,668
Above Normal Years (9%)	10,405	10,745	7,008	1,709	441	393	599	1,158	2,893	5,011	7,766	6,191
Below Normal Years (20%)	10,454	11,283	9,168	4,366	1,552	864	1,343	2,120	5,107	7,429	10,261	12,630
Dry Water Years (21%)	11,108	11,724	9,137	6,494	3,009	2,236	3,185	4,162	6,500	9,596	12,394	14,899
Critical Water Years (18%)	14,194	14,479	11,609	8,447	5,304	4,725	5,761	7,836	10,240	12,232	14,138	16,572

Table 4B-6-8-1b. Chipps Island North Channel Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

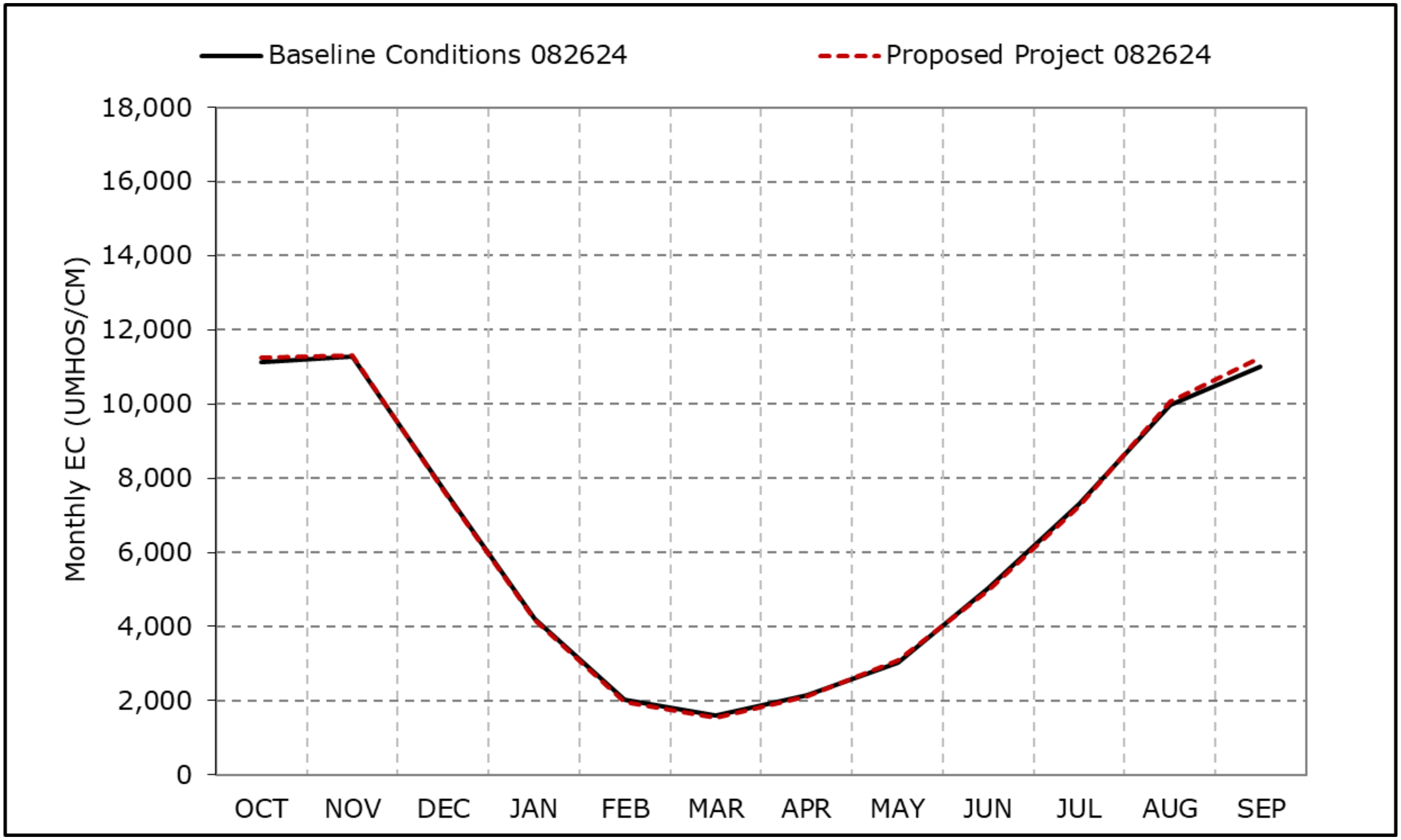
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	17,318	16,247	13,549	10,445	5,599	4,388	5,573	7,292	10,508	12,873	14,162	16,520
20% Exceedance	16,199	15,399	12,720	8,509	3,833	2,641	3,808	5,029	7,338	9,970	13,113	15,778
30% Exceedance	15,525	14,716	11,426	7,088	2,148	1,297	2,719	4,494	6,719	9,429	12,590	15,173
40% Exceedance	15,014	13,968	10,487	4,075	1,186	902	1,777	3,044	6,107	8,085	11,002	14,102
50% Exceedance	14,041	12,044	8,612	2,932	748	676	1,046	2,118	5,098	7,237	9,895	13,059
60% Exceedance	6,246	9,499	6,508	1,809	438	316	676	1,484	4,167	5,919	8,677	6,901
70% Exceedance	6,041	9,161	3,387	481	238	243	496	831	2,198	5,062	8,076	6,597
80% Exceedance	5,910	8,197	1,591	256	204	200	266	338	888	4,010	7,717	6,472
90% Exceedance	5,661	5,649	839	195	191	189	197	229	392	3,005	7,244	6,198
Full Simulation Period Average[a]	11,257	11,314	7,680	4,187	1,976	1,535	2,111	3,100	4,982	7,233	10,061	11,261
Wet Water Years (32%)	10,164	9,398	3,754	845	246	243	444	775	1,603	3,574	6,726	5,880
Above Normal Years (9%)	10,401	10,713	7,085	1,765	438	375	591	1,287	2,800	4,857	8,030	6,303
Below Normal Years (20%)	10,641	11,318	9,143	4,339	1,530	792	1,279	2,268	5,058	7,216	10,008	13,194
Dry Water Years (21%)	11,151	11,766	9,155	6,527	2,982	2,063	2,935	4,038	6,409	9,530	12,558	15,189
Critical Water Years (18%)	14,435	14,487	11,612	8,438	5,142	4,619	5,799	7,968	10,332	12,264	14,150	16,578

Table 4B-6-8-1c. Chipps Island North Channel Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3	68	58	-144	-107	-484	115	185	163	63	18	0
20% Exceedance	63	-26	-18	-27	-6	-324	-166	-167	-44	-96	27	73
30% Exceedance	88	114	0	69	-9	-64	-112	26	52	-70	306	470
40% Exceedance	68	8	105	-2	-114	-98	-54	8	-293	-345	-339	267
50% Exceedance	819	117	-21	-14	-56	-8	-54	214	-33	-124	-165	730
60% Exceedance	-43	-15	-11	-56	-8	-12	24	185	123	-126	345	95
70% Exceedance	47	-3	-93	1	0	2	23	106	-174	-99	271	80
80% Exceedance	11	-193	26	-8	0	0	3	10	-67	-117	484	79
90% Exceedance	-22	-5	-18	0	0	0	0	2	-14	-52	631	149
Full Simulation Period Average[a]	136	21	-19	-8	-40	-71	-49	69	-43	-77	97	253
Wet Water Years (32%)	146	20	-78	-42	-3	2	33	92	-70	-40	273	212
Above Normal Years (9%)	-4	-32	77	56	-3	-17	-8	129	-93	-154	264	113
Below Normal Years (20%)	187	35	-25	-28	-22	-71	-63	148	-49	-213	-253	564
Dry Water Years (21%)	43	42	18	33	-27	-173	-250	-124	-91	-66	164	290
Critical Water Years (18%)	241	8	3	-8	-162	-106	38	132	92	32	12	5

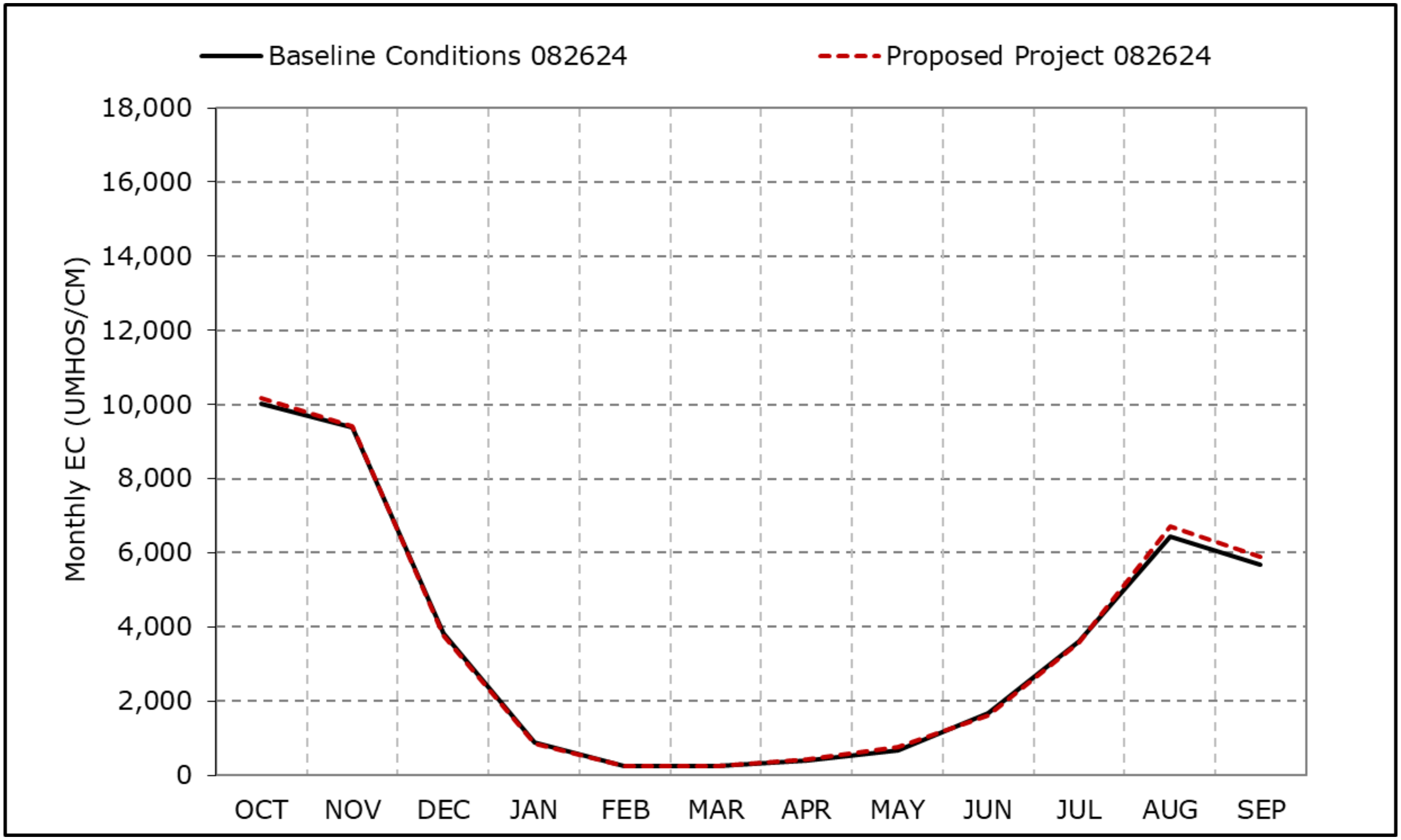
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-8a. Chipps Island North Channel Salinity, Long-Term Average EC



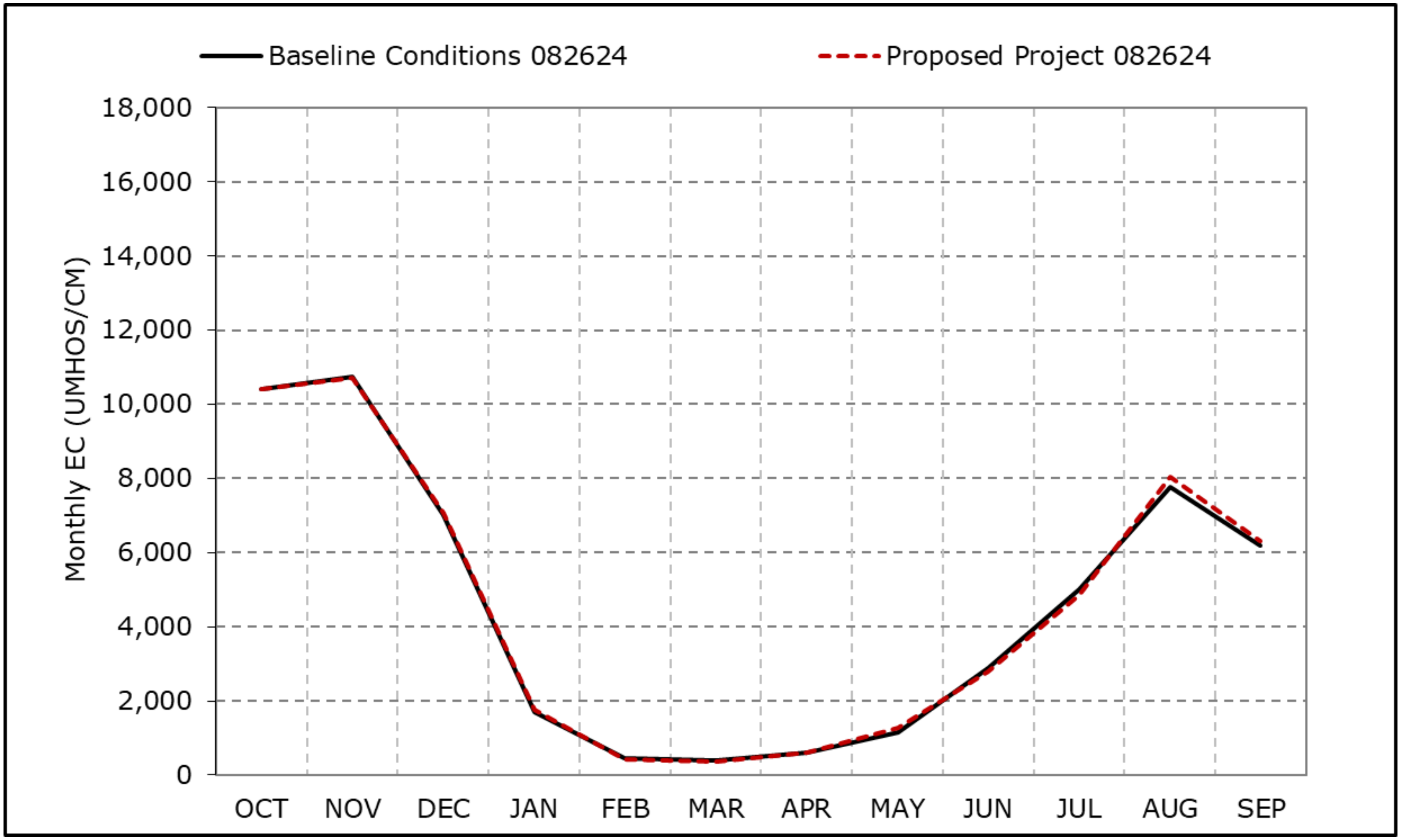
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8b. Chipps Island North Channel Salinity, Wet Year Average EC



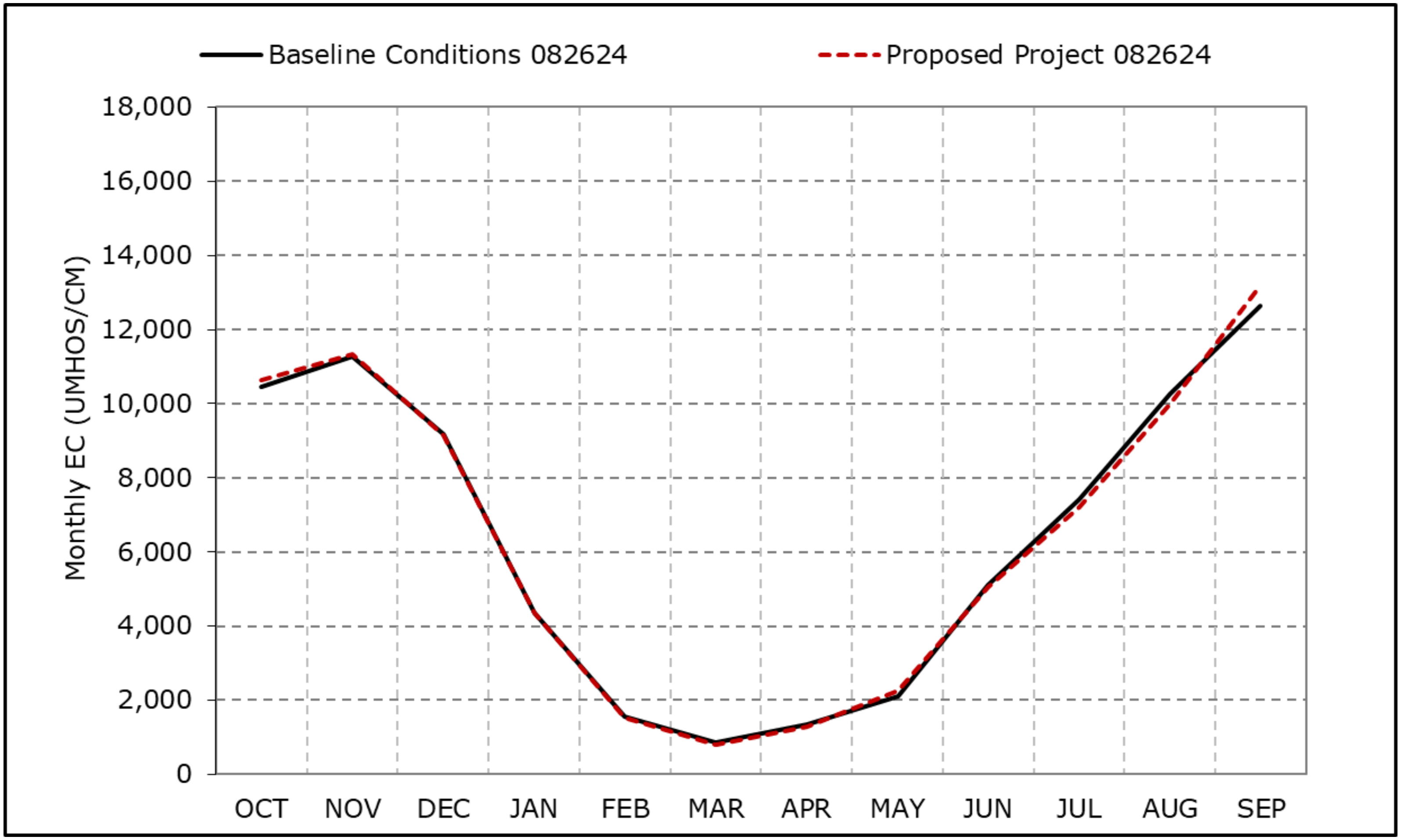
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8c. Chipps Island North Channel Salinity, Above Normal Year Average EC



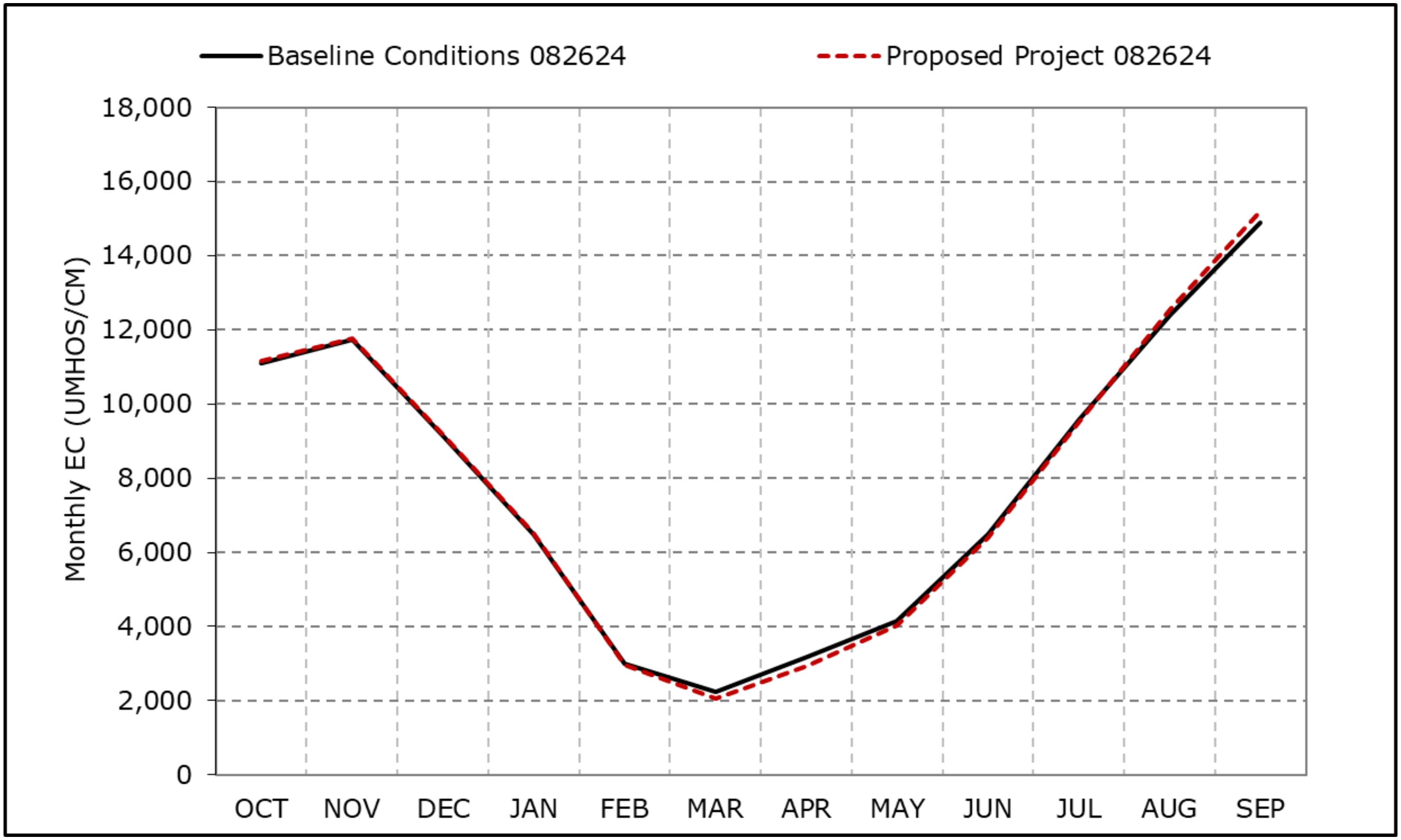
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8d. Chipps Island North Channel Salinity, Below Normal Year Average EC



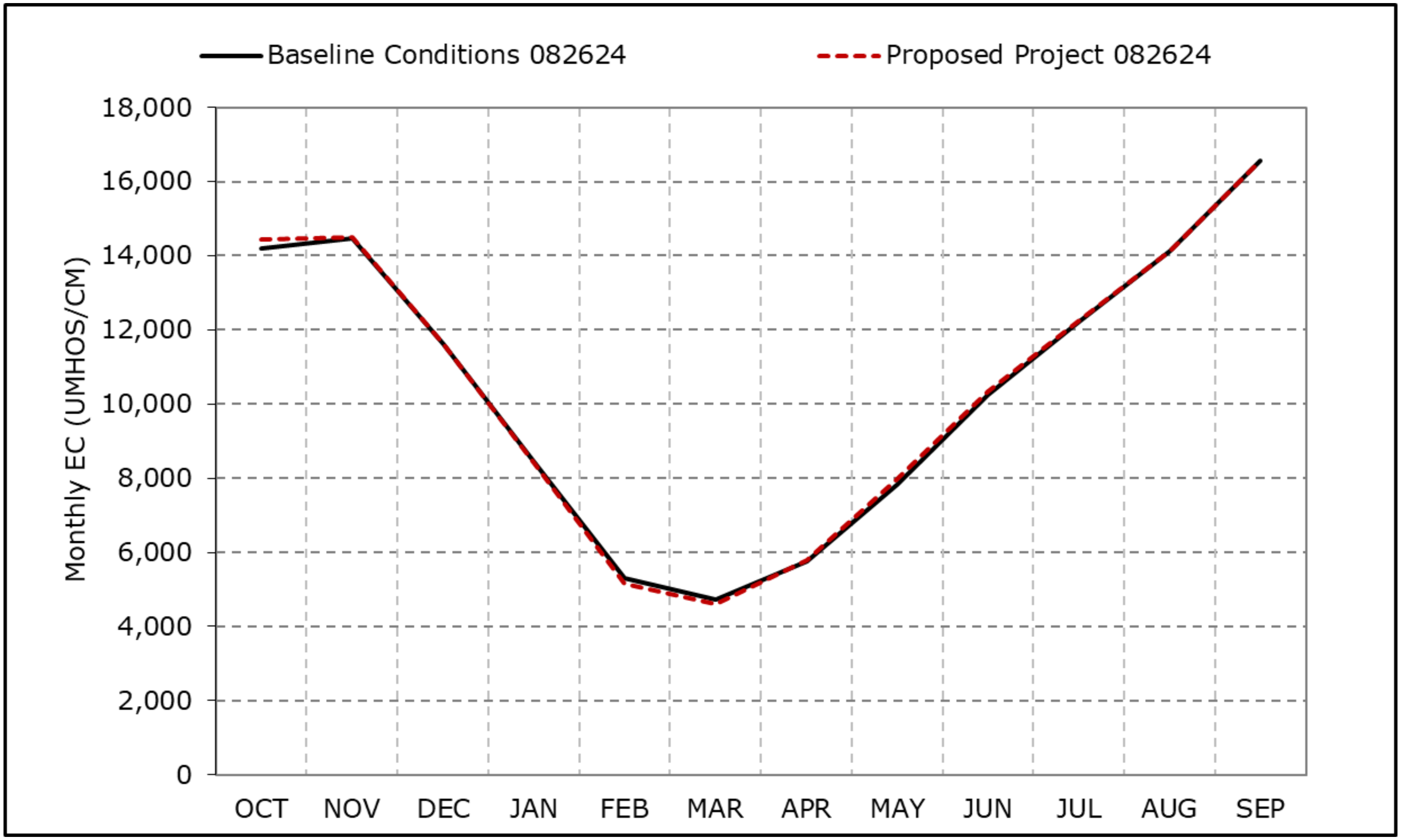
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8e. Chipps Island North Channel Salinity, Dry Year Average EC



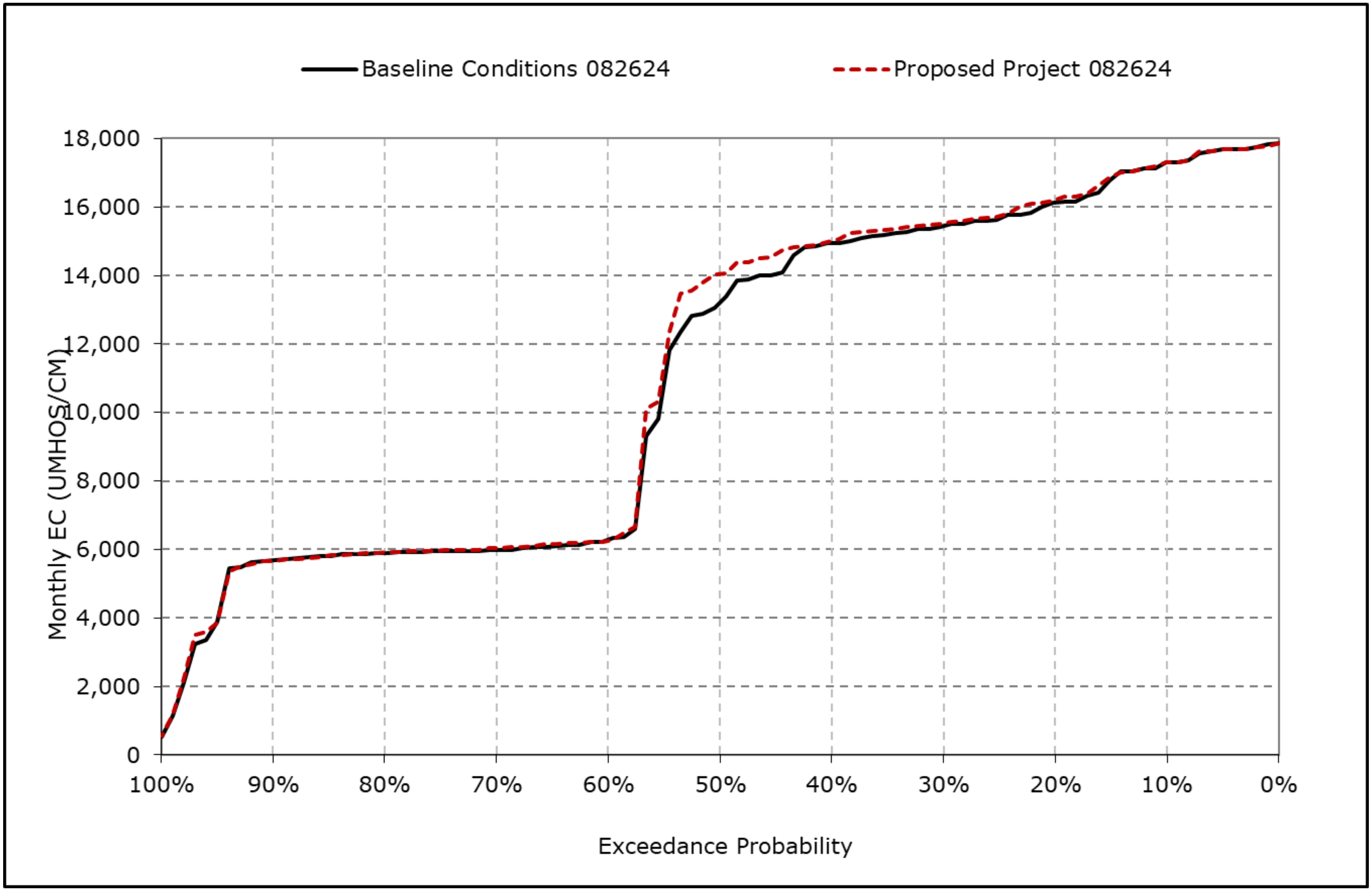
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8f. Chipps Island North Channel Salinity, Critical Year Average EC



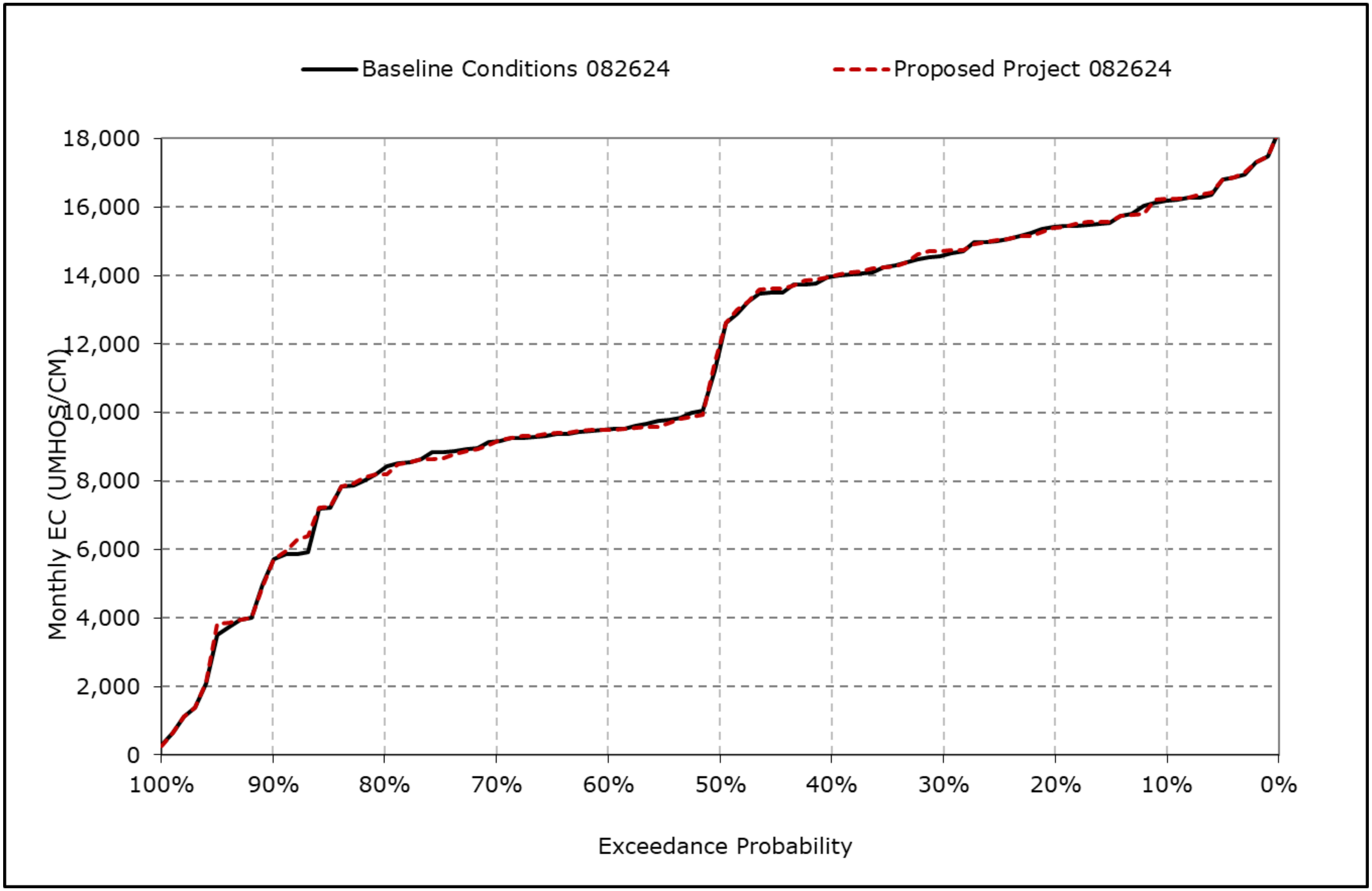
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8g. Chipps Island North Channel Salinity, October EC



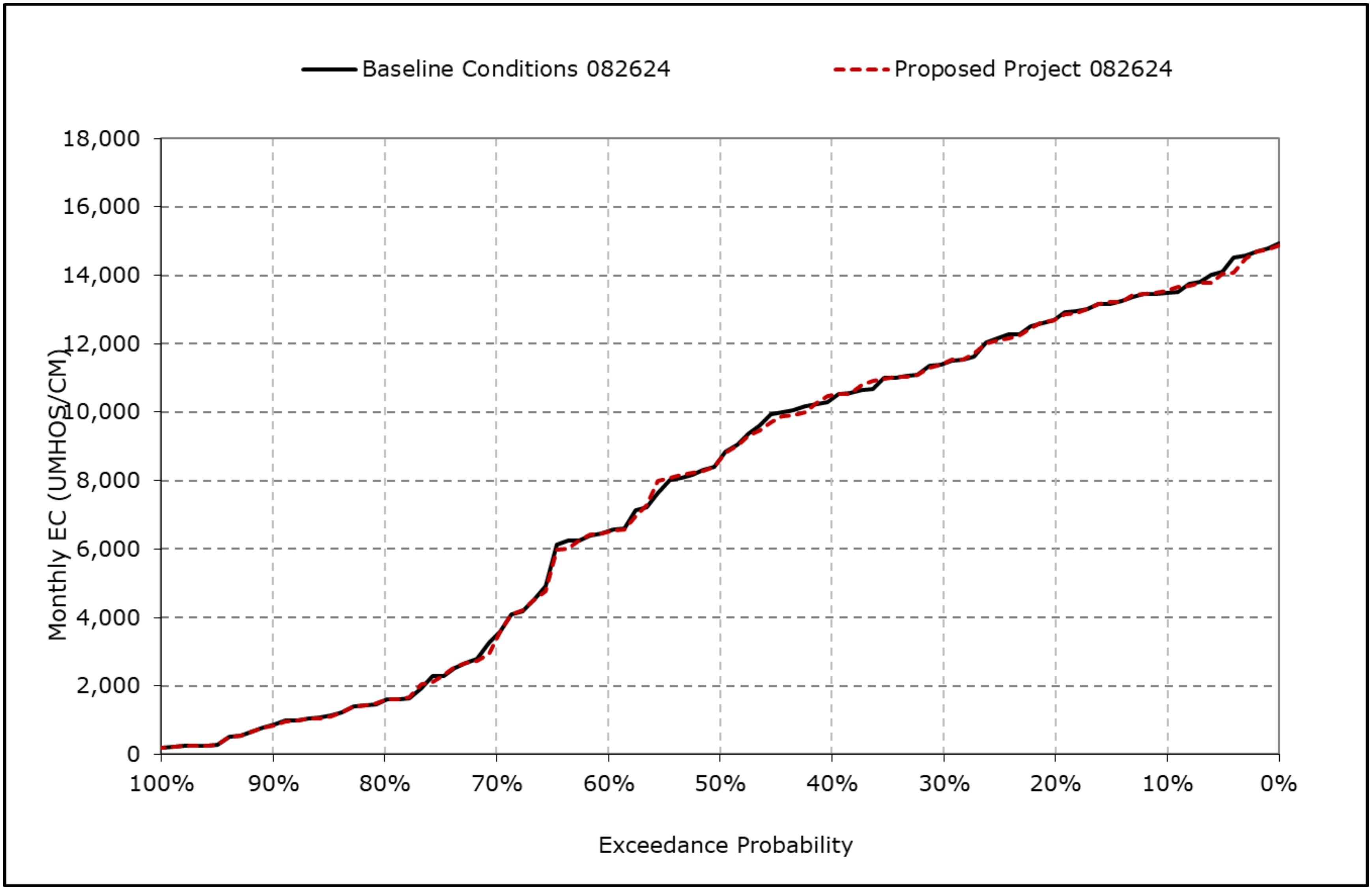
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8h. Chipps Island North Channel Salinity, November EC



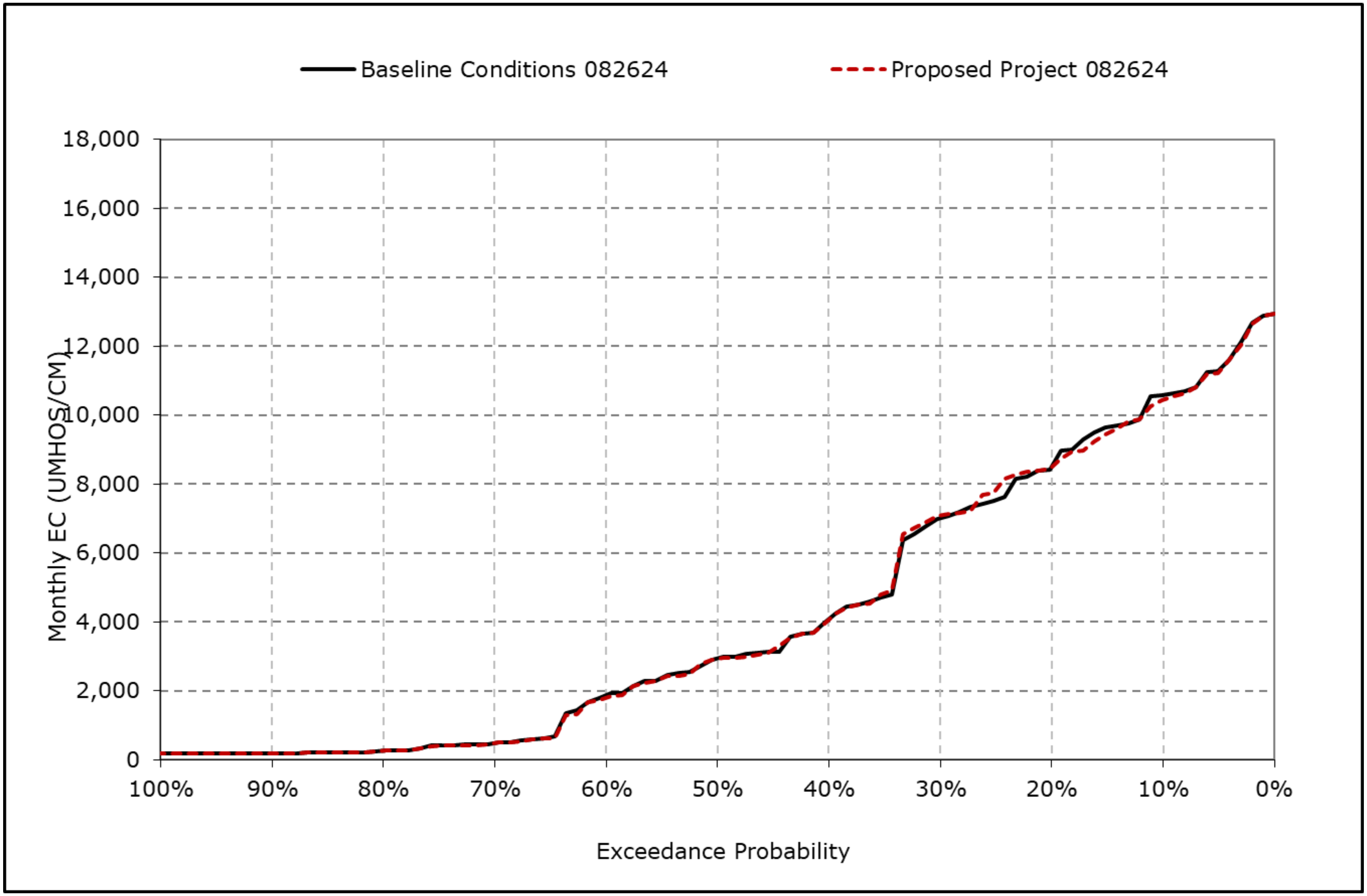
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8i. Chipps Island North Channel Salinity, December EC



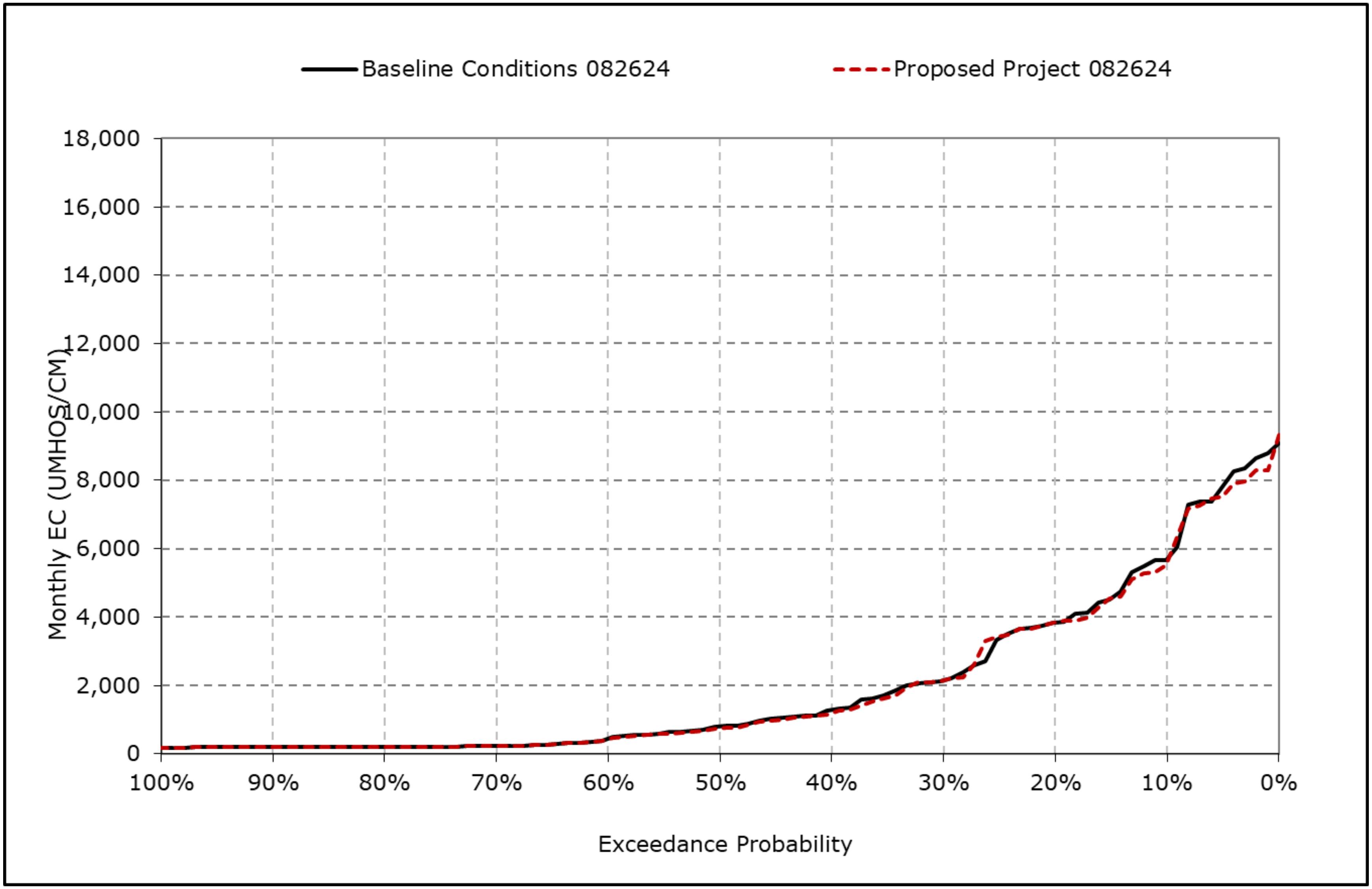
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8j. Chipps Island North Channel Salinity, January EC



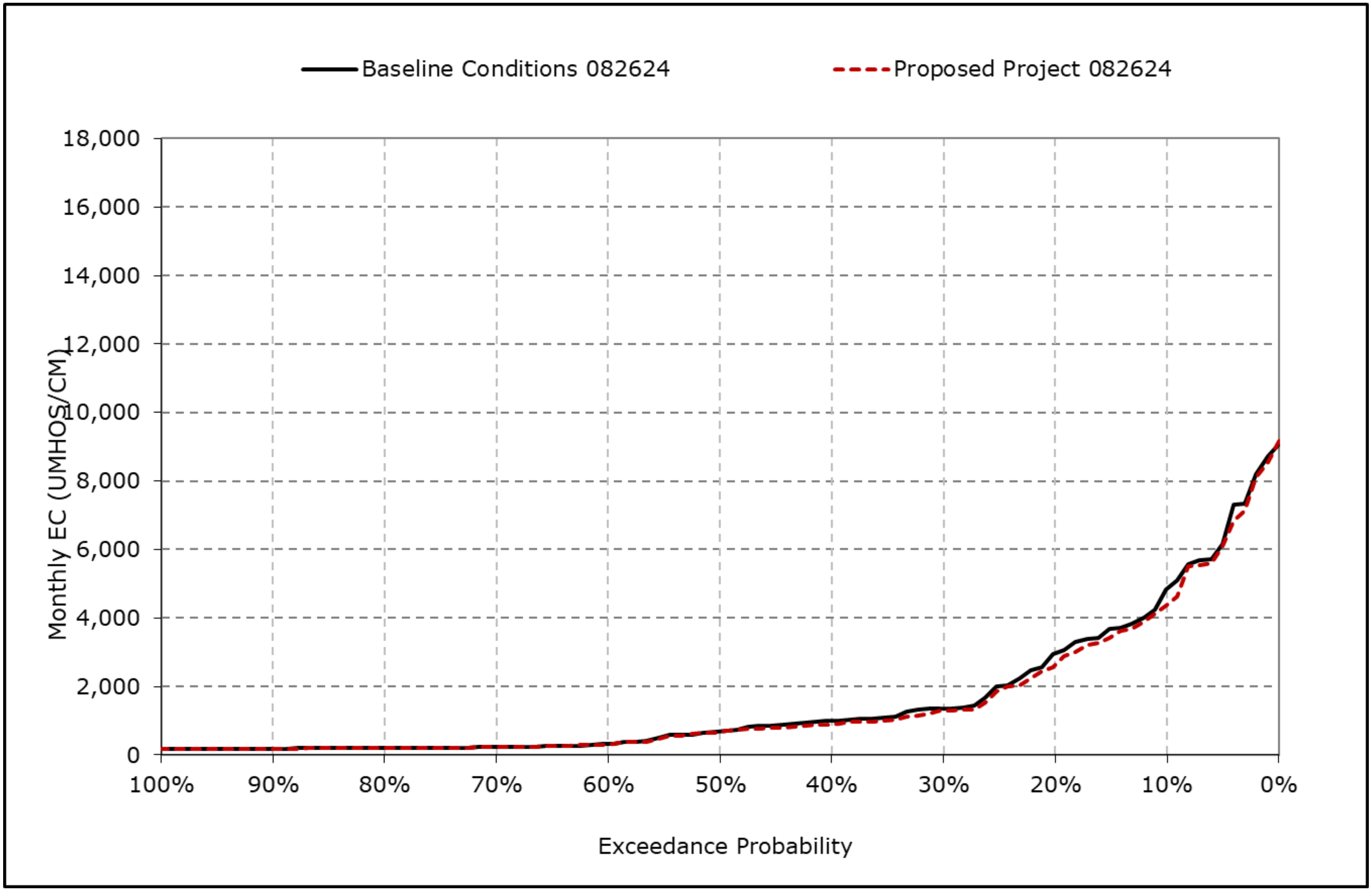
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8k. Chipps Island North Channel Salinity, February EC



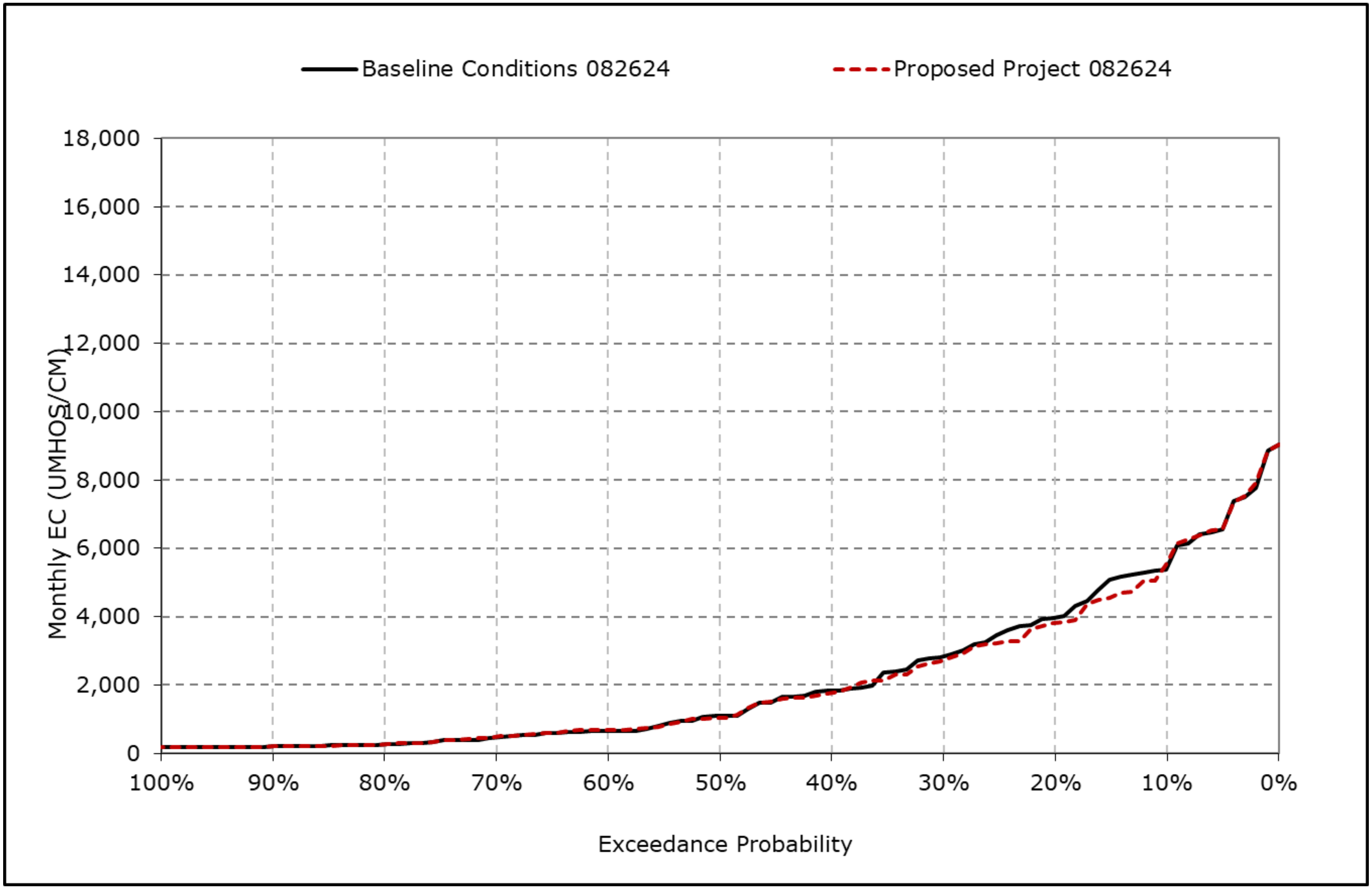
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8l. Chipps Island North Channel Salinity, March EC



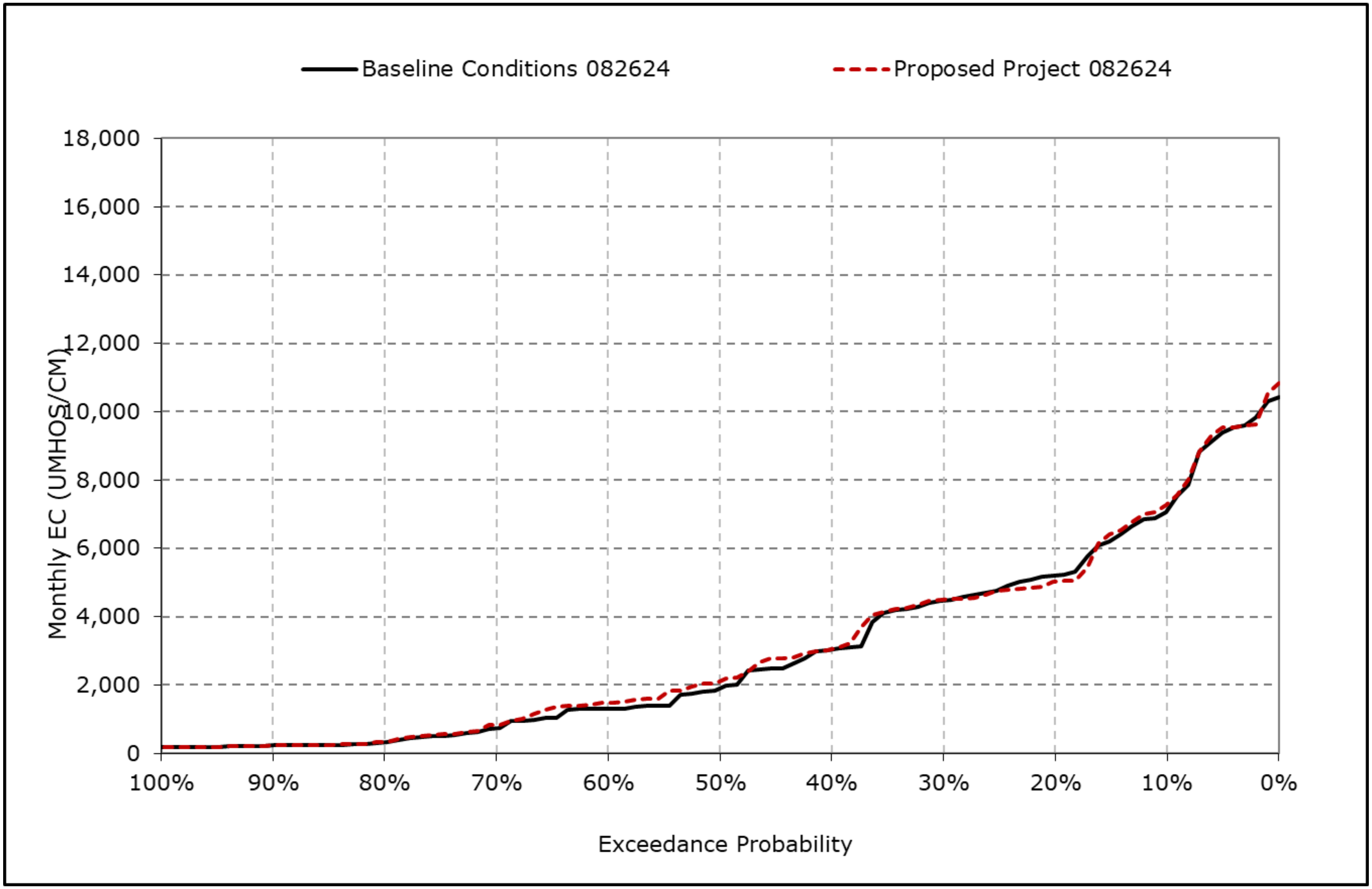
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8m. Chipps Island North Channel Salinity, April EC



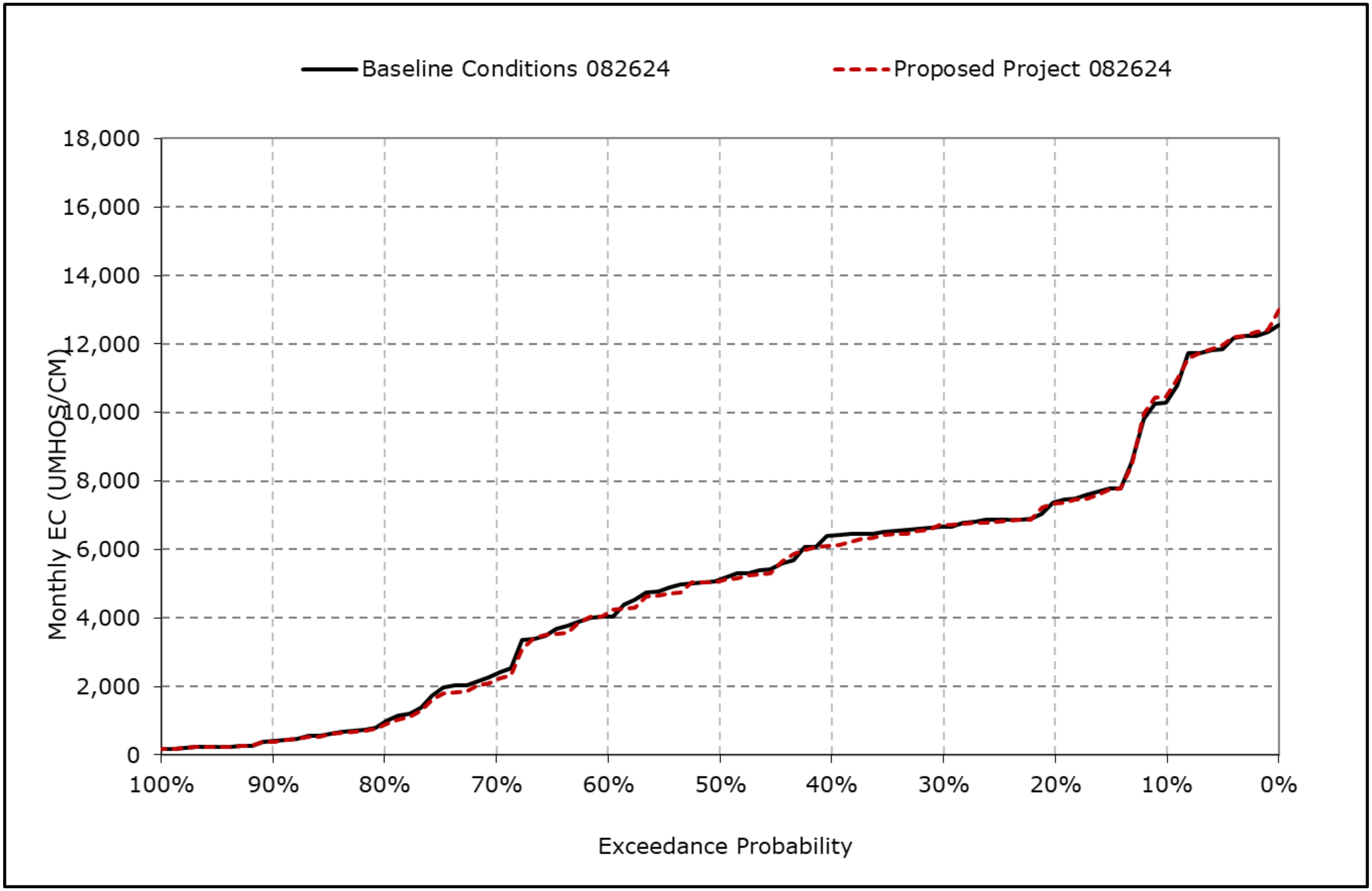
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8n. Chipps Island North Channel Salinity, May EC



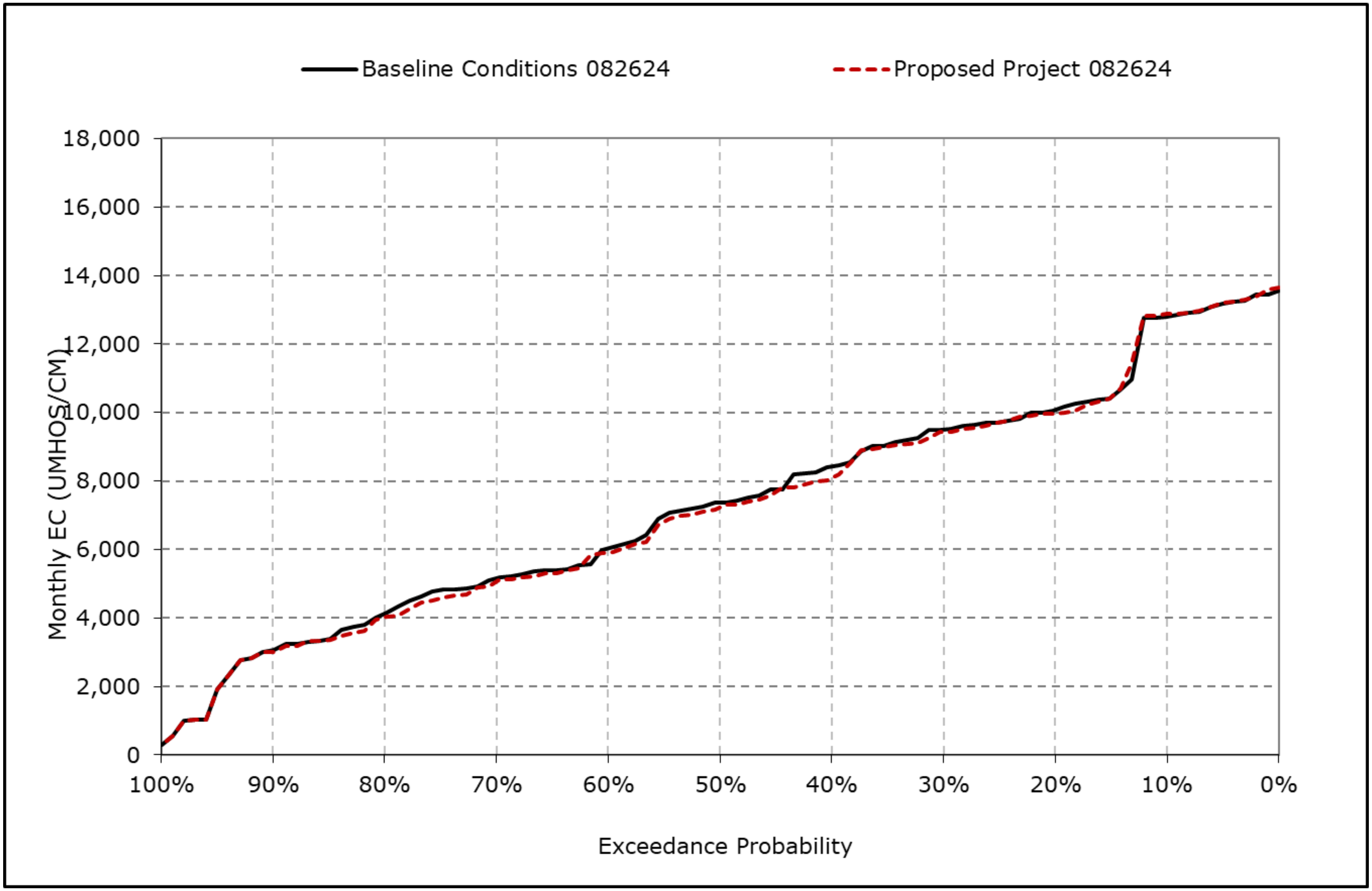
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8o. Chipps Island North Channel Salinity, June EC



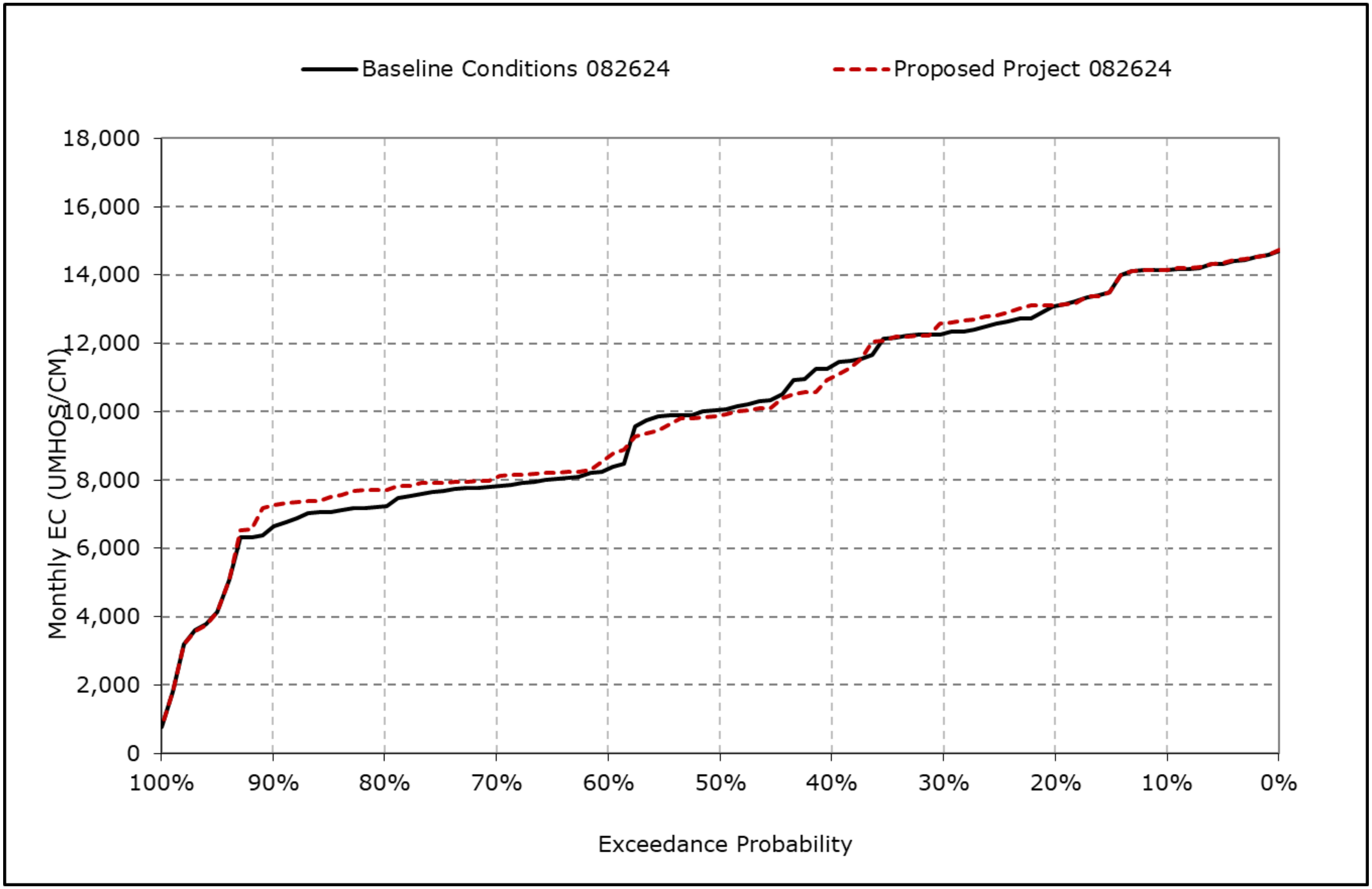
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8p. Chipps Island North Channel Salinity, July EC



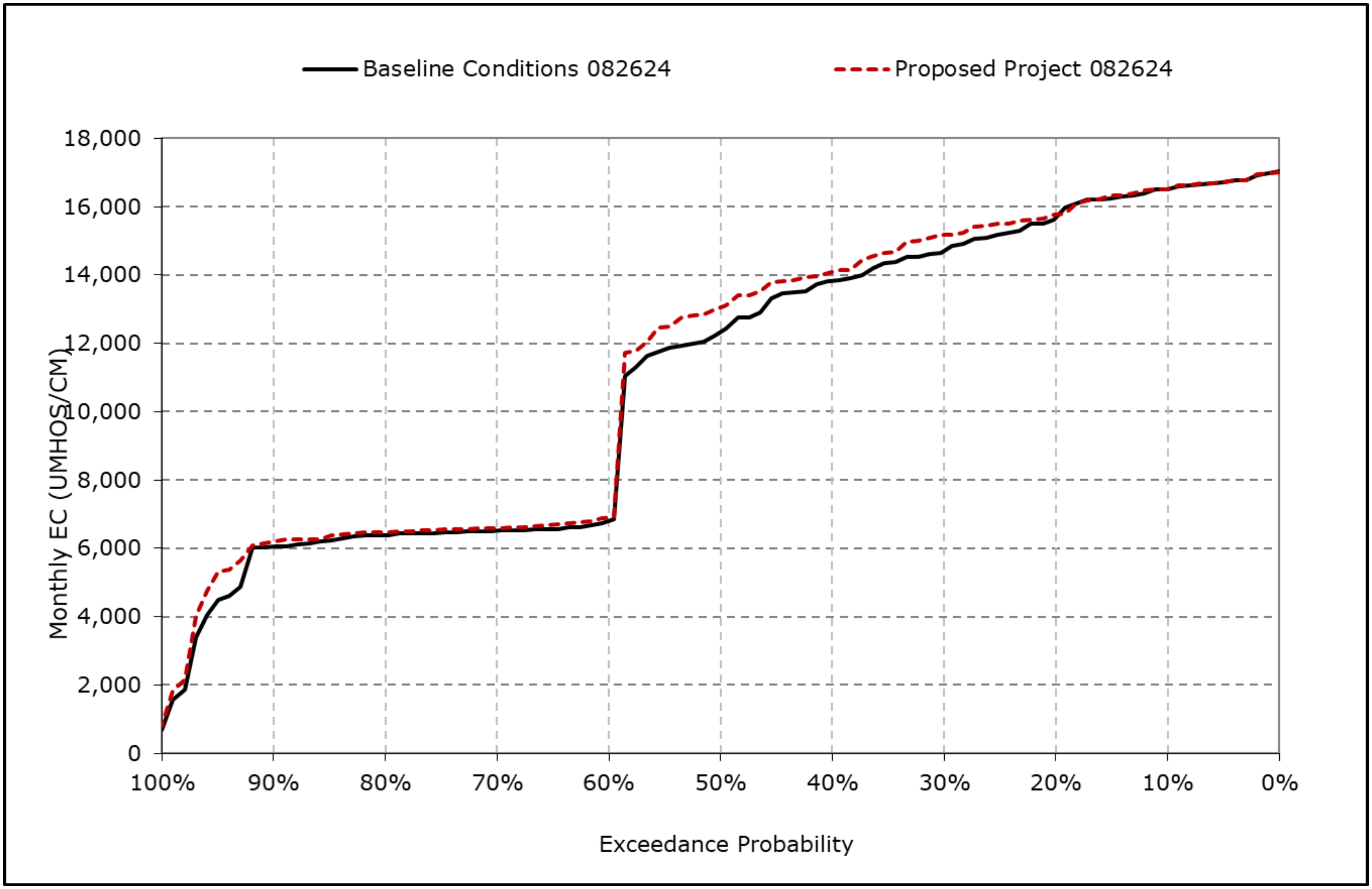
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-8q. Chipps Island North Channel Salinity, August EC



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

Figure 4B-6-8r. Chipps Island North Channel Salinity, September EC



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

Table 4B-6-9-1a. Chipps Island South Channel Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	16,052	15,028	12,344	9,424	4,878	3,940	4,445	5,867	8,991	11,422	12,681	15,298
20% Exceedance	14,880	14,263	11,678	7,533	2,947	2,238	3,089	4,164	6,126	8,781	11,716	14,479
30% Exceedance	14,261	13,415	10,177	6,048	1,880	948	2,106	3,496	5,457	8,060	11,049	13,507
40% Exceedance	13,674	12,730	9,162	3,266	1,024	694	1,268	2,205	5,173	7,152	9,962	12,505
50% Exceedance	11,935	10,644	7,564	2,293	668	515	743	1,308	4,030	6,182	8,815	11,029
60% Exceedance	5,132	8,219	5,344	1,606	359	243	433	883	3,064	4,894	7,024	5,706
70% Exceedance	4,835	7,772	2,897	415	213	205	323	467	1,659	4,077	6,636	5,433
80% Exceedance	4,732	7,041	1,517	224	196	193	222	236	598	3,167	5,948	5,321
90% Exceedance	4,528	4,525	750	193	190	189	188	187	267	2,237	5,415	5,016
Full Simulation Period Average[a]	9,949	10,144	6,884	3,672	1,700	1,283	1,699	2,419	4,121	6,183	8,692	9,837
Wet Water Years (32%)	8,906	8,326	3,403	775	234	213	312	497	1,237	2,768	5,280	4,663
Above Normal Years (9%)	9,251	9,530	6,115	1,450	343	298	404	795	2,175	4,031	6,610	5,170
Below Normal Years (20%)	9,274	10,077	8,197	3,807	1,251	632	961	1,560	4,074	6,290	8,996	11,291
Dry Water Years (21%)	9,892	10,541	8,160	5,624	2,508	1,728	2,447	3,244	5,294	8,244	11,058	13,649
Critical Water Years (18%)	12,970	13,297	10,508	7,506	4,542	3,880	4,758	6,639	8,903	10,806	12,703	15,307

Table 4B-6-9-1b. Chipps Island South Channel Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

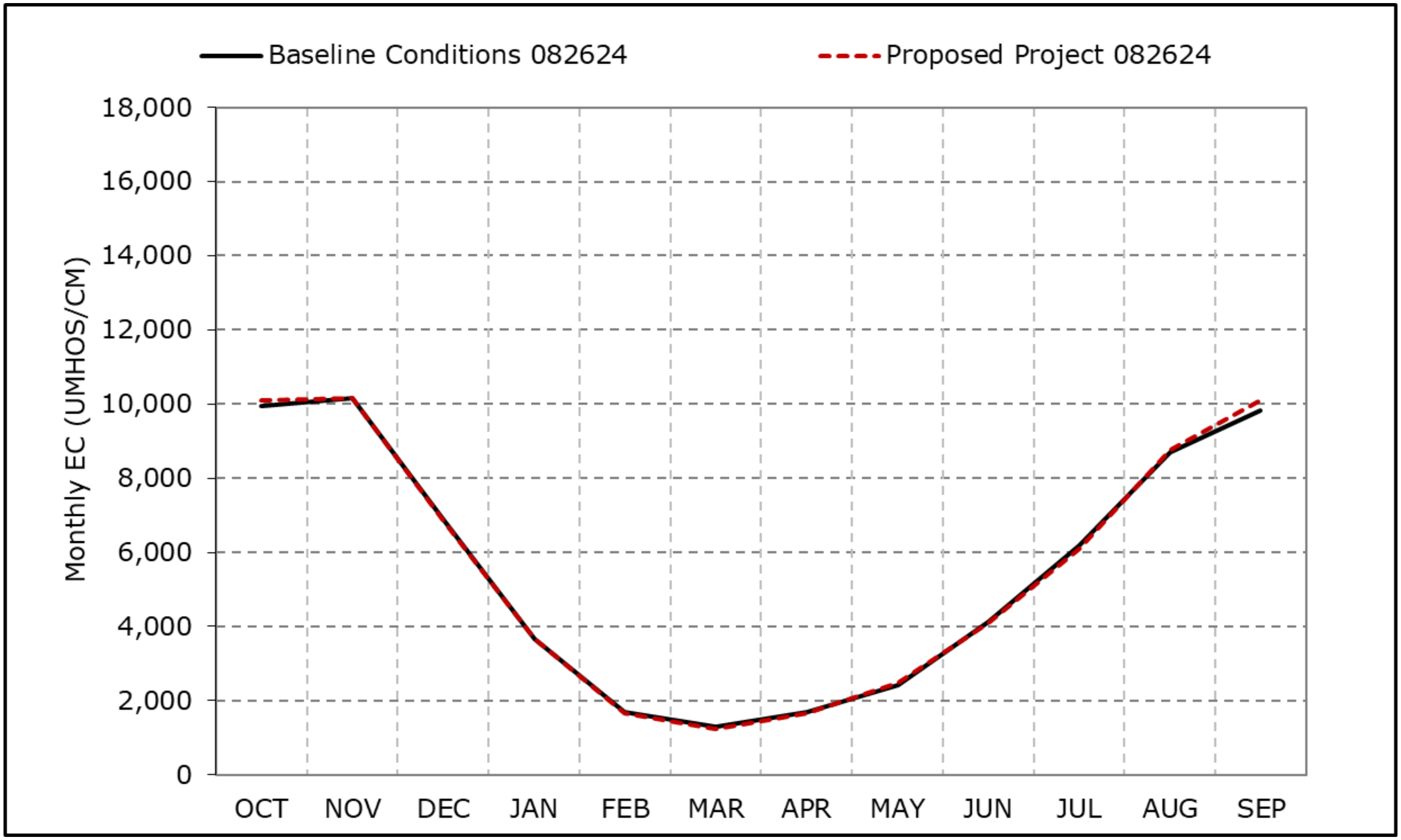
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	16,052	15,111	12,382	9,356	4,594	3,512	4,557	6,042	9,151	11,427	12,680	15,317
20% Exceedance	14,981	14,202	11,674	7,489	3,047	1,967	2,913	3,988	6,091	8,635	11,779	14,531
30% Exceedance	14,368	13,572	10,076	6,241	1,876	904	2,010	3,562	5,543	8,069	11,225	13,862
40% Exceedance	13,799	12,820	9,291	3,264	1,000	640	1,213	2,211	4,934	6,877	9,655	12,819
50% Exceedance	12,887	10,777	7,558	2,225	610	486	732	1,483	3,960	6,037	8,543	11,726
60% Exceedance	5,118	8,195	5,328	1,584	354	238	456	1,009	3,145	4,719	7,380	5,777
70% Exceedance	4,870	7,798	2,834	418	214	206	336	537	1,519	4,023	6,802	5,519
80% Exceedance	4,752	6,972	1,529	225	195	193	226	239	553	3,084	6,443	5,402
90% Exceedance	4,542	4,521	754	193	190	189	188	192	258	2,195	6,041	5,161
Full Simulation Period Average[a]	10,107	10,170	6,865	3,664	1,666	1,224	1,654	2,469	4,088	6,093	8,750	10,095
Wet Water Years (32%)	9,073	8,348	3,326	732	231	214	334	569	1,184	2,730	5,531	4,855
Above Normal Years (9%)	9,270	9,497	6,183	1,508	344	287	398	892	2,105	3,849	6,781	5,313
Below Normal Years (20%)	9,483	10,118	8,175	3,781	1,235	581	907	1,668	4,035	6,039	8,667	11,888
Dry Water Years (21%)	9,949	10,586	8,178	5,659	2,492	1,585	2,228	3,127	5,211	8,164	11,180	13,951
Critical Water Years (18%)	13,243	13,317	10,510	7,495	4,392	3,779	4,791	6,761	8,993	10,839	12,715	15,312

Table 4B-6-9-1c. Chipps Island South Channel Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	83	38	-68	-284	-428	112	175	160	4	-1	19
20% Exceedance	102	-61	-4	-44	100	-271	-177	-177	-35	-146	62	52
30% Exceedance	107	156	-101	192	-4	-44	-97	66	87	9	176	355
40% Exceedance	125	91	129	-2	-24	-55	-54	6	-239	-275	-307	314
50% Exceedance	952	133	-6	-68	-59	-28	-10	175	-70	-145	-272	697
60% Exceedance	-14	-24	-16	-22	-6	-5	23	126	81	-175	356	71
70% Exceedance	35	26	-63	3	0	1	13	70	-139	-54	166	86
80% Exceedance	20	-68	12	1	0	0	4	4	-45	-82	495	81
90% Exceedance	14	-5	5	0	0	0	0	5	-9	-42	626	145
Full Simulation Period Average[a]	158	25	-19	-8	-34	-59	-44	51	-32	-90	58	258
Wet Water Years (32%)	167	22	-77	-43	-4	1	23	72	-53	-38	251	192
Above Normal Years (9%)	19	-33	68	59	1	-10	-7	97	-70	-182	171	144
Below Normal Years (20%)	209	40	-21	-26	-16	-51	-54	108	-39	-251	-330	598
Dry Water Years (21%)	57	45	18	35	-16	-143	-219	-117	-82	-80	122	303
Critical Water Years (18%)	273	20	1	-11	-149	-101	32	122	90	33	12	5

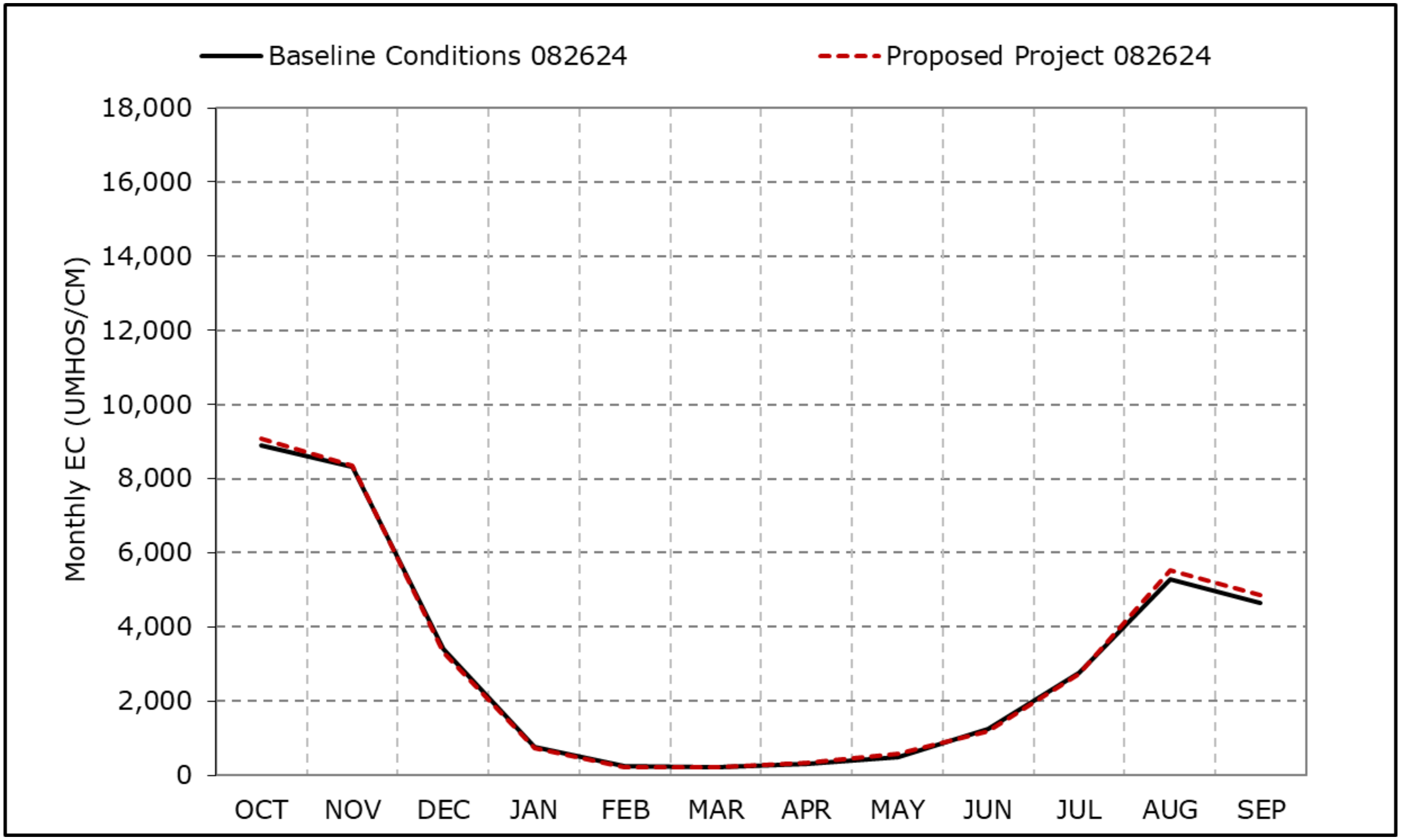
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-9a. Chipps Island South Channel Salinity, Long-Term Average EC



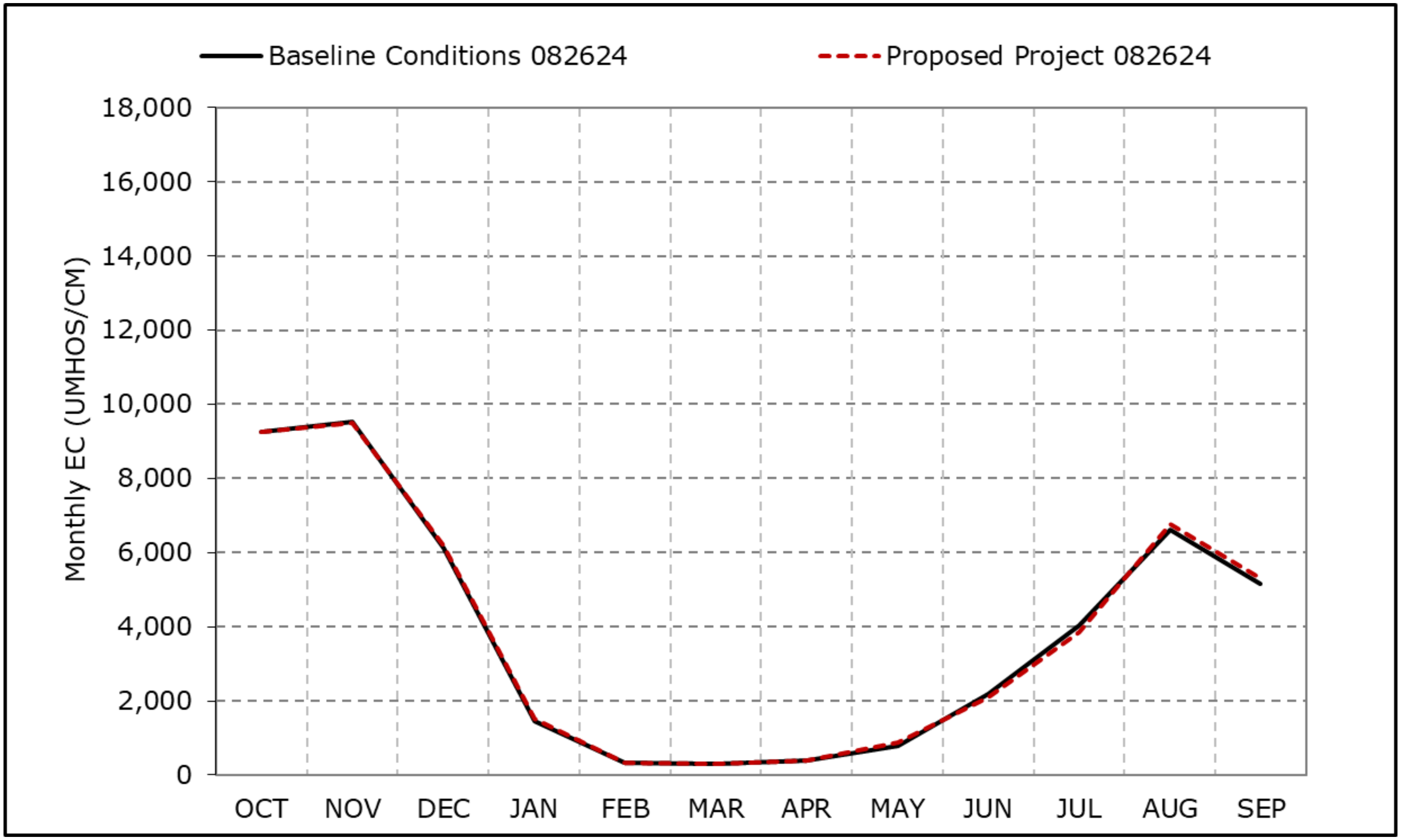
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9b. Chipps Island South Channel Salinity, Wet Year Average EC



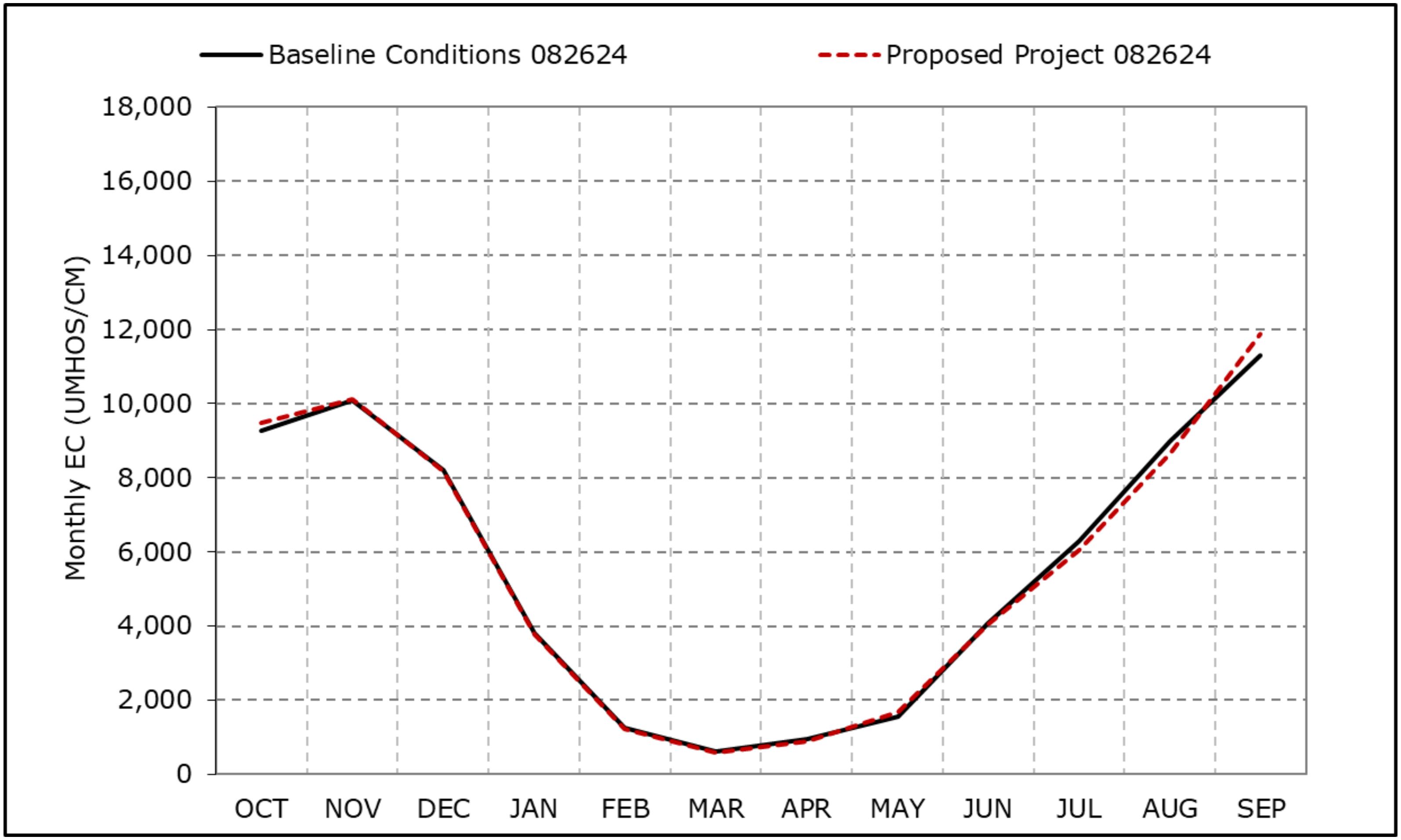
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9c. Chipps Island South Channel Salinity, Above Normal Year Average EC



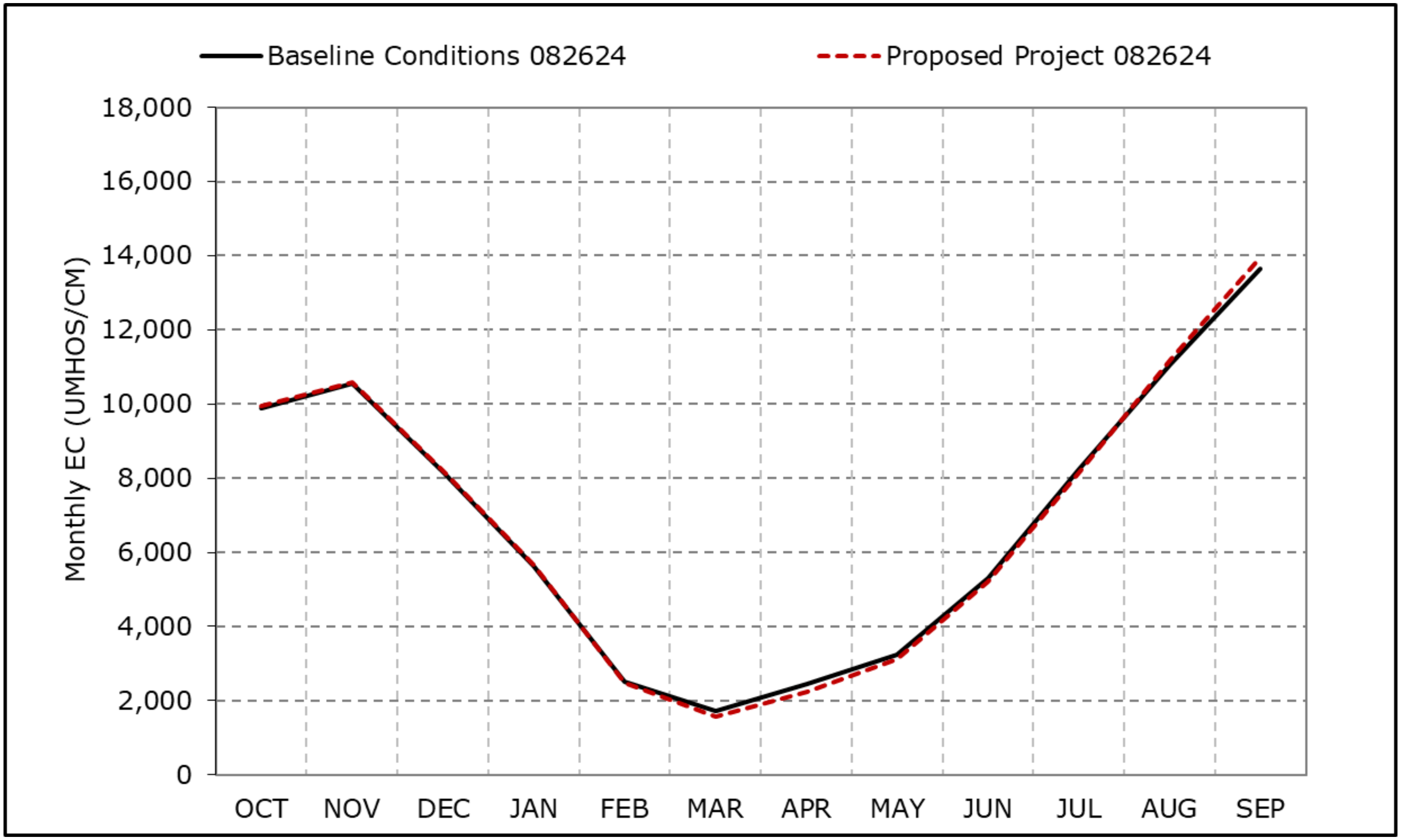
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9d. Chipps Island South Channel Salinity, Below Normal Year Average EC



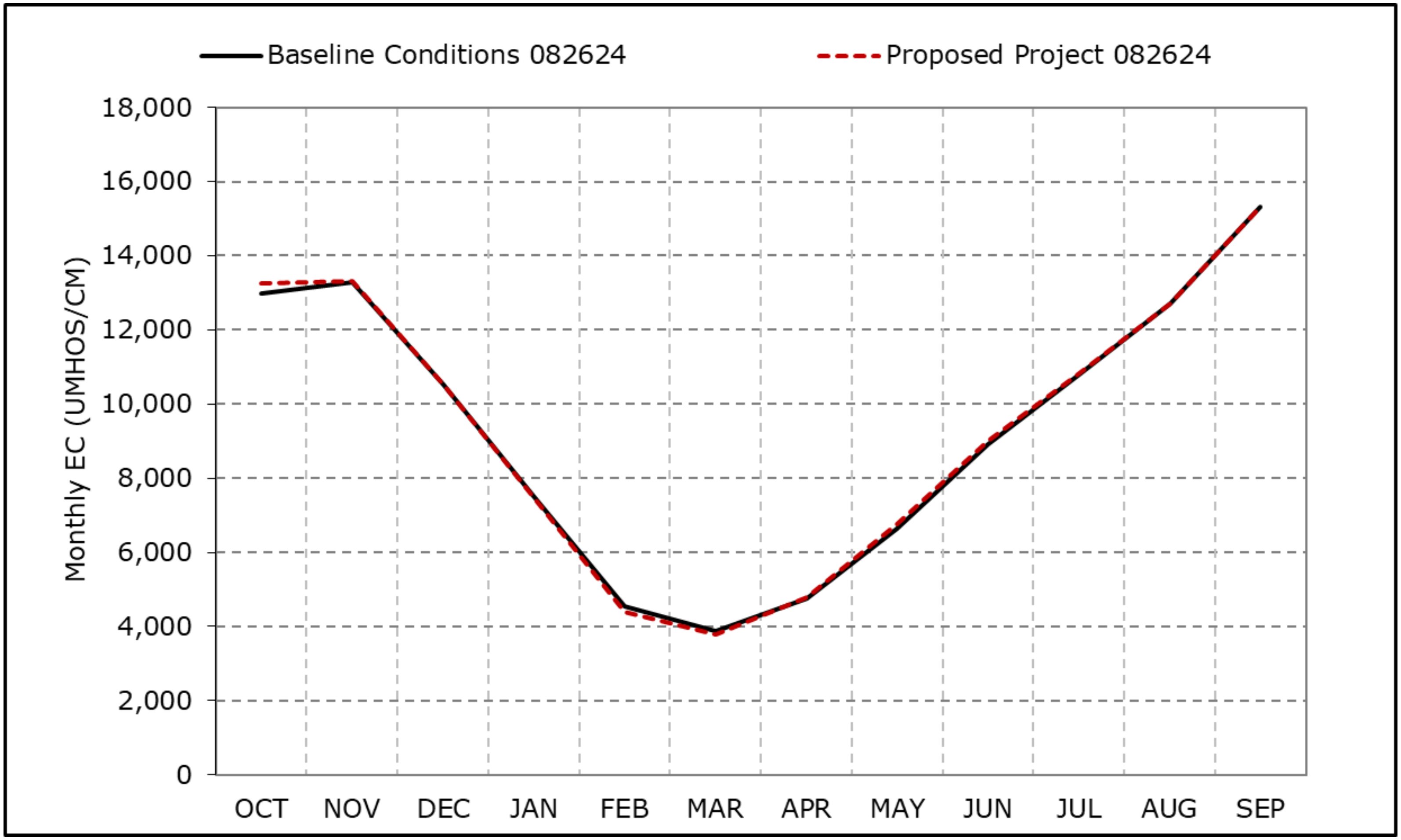
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9e. Chipps Island South Channel Salinity, Dry Year Average EC



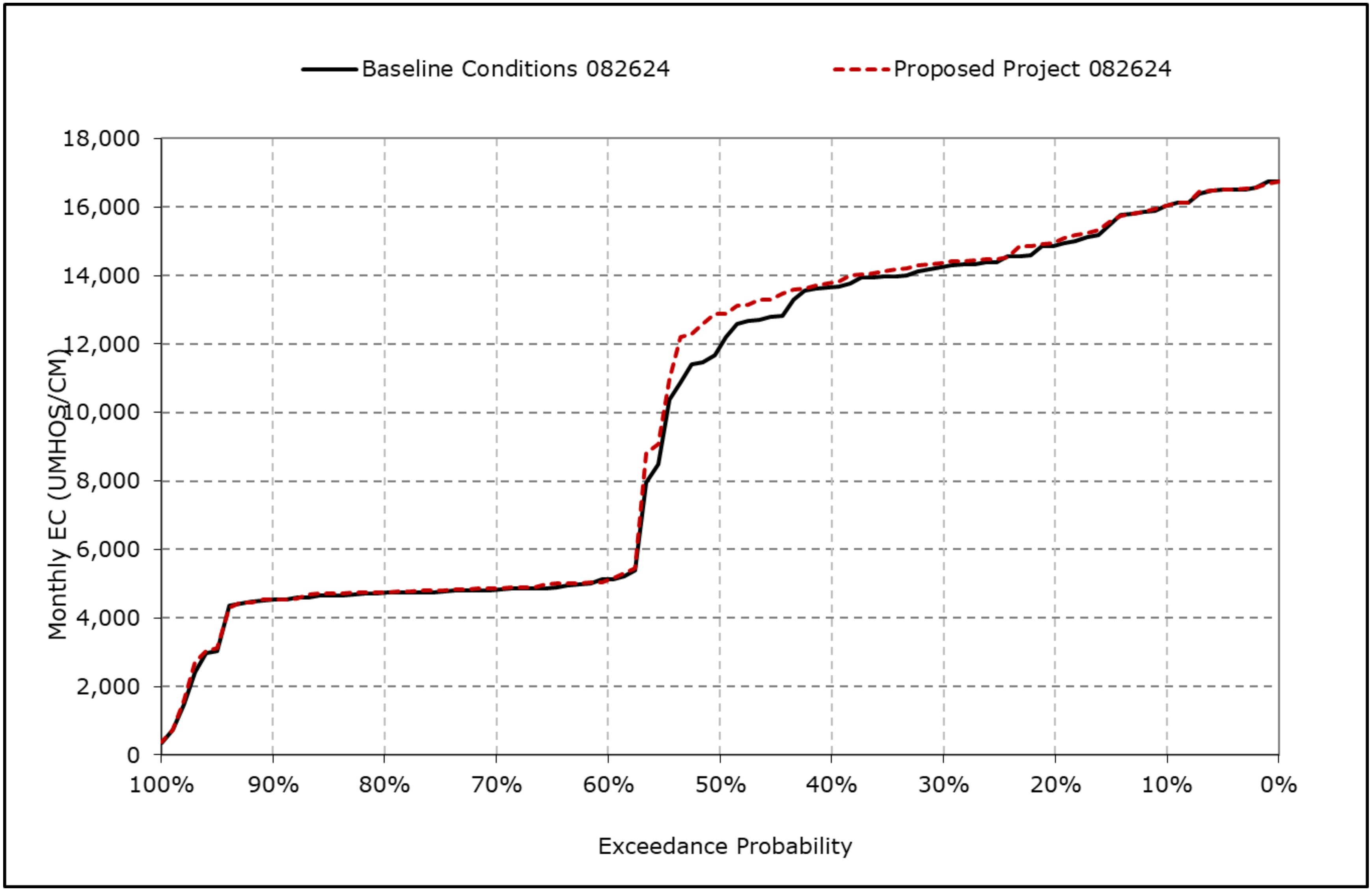
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9f. Chipps Island South Channel Salinity, Critical Year Average EC



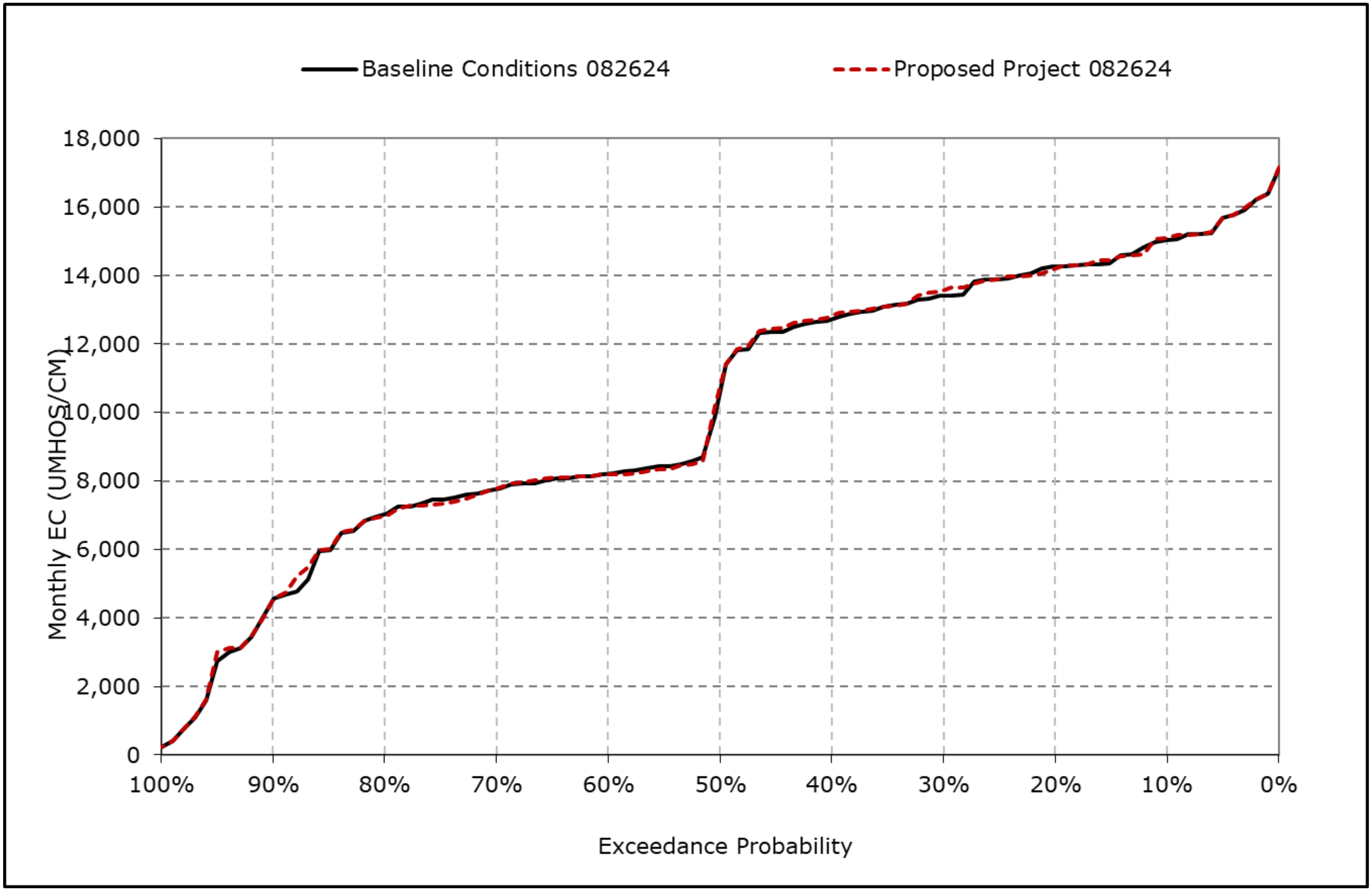
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9g. Chipps Island South Channel Salinity, October EC



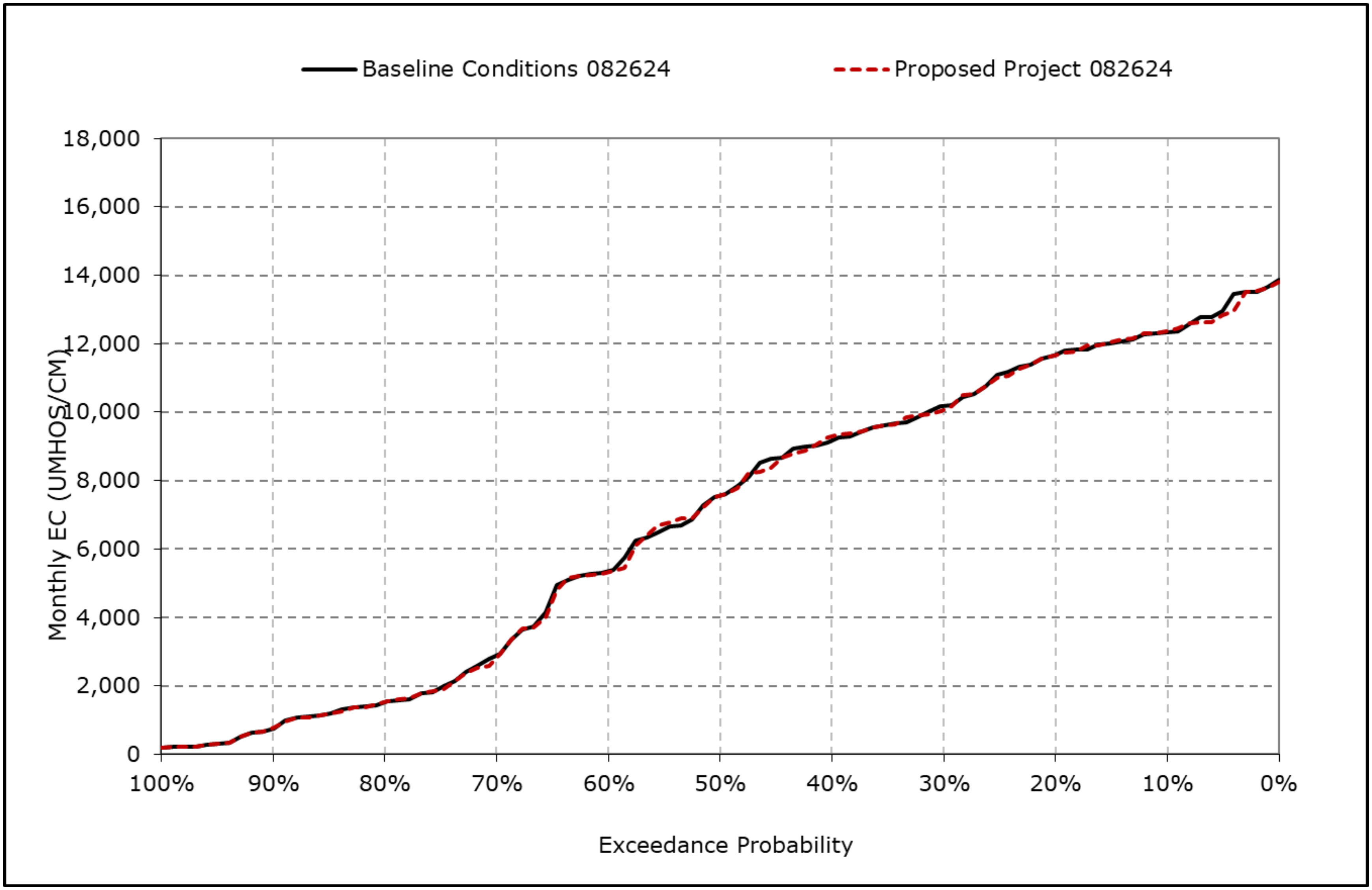
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9h. Chipps Island South Channel Salinity, November EC



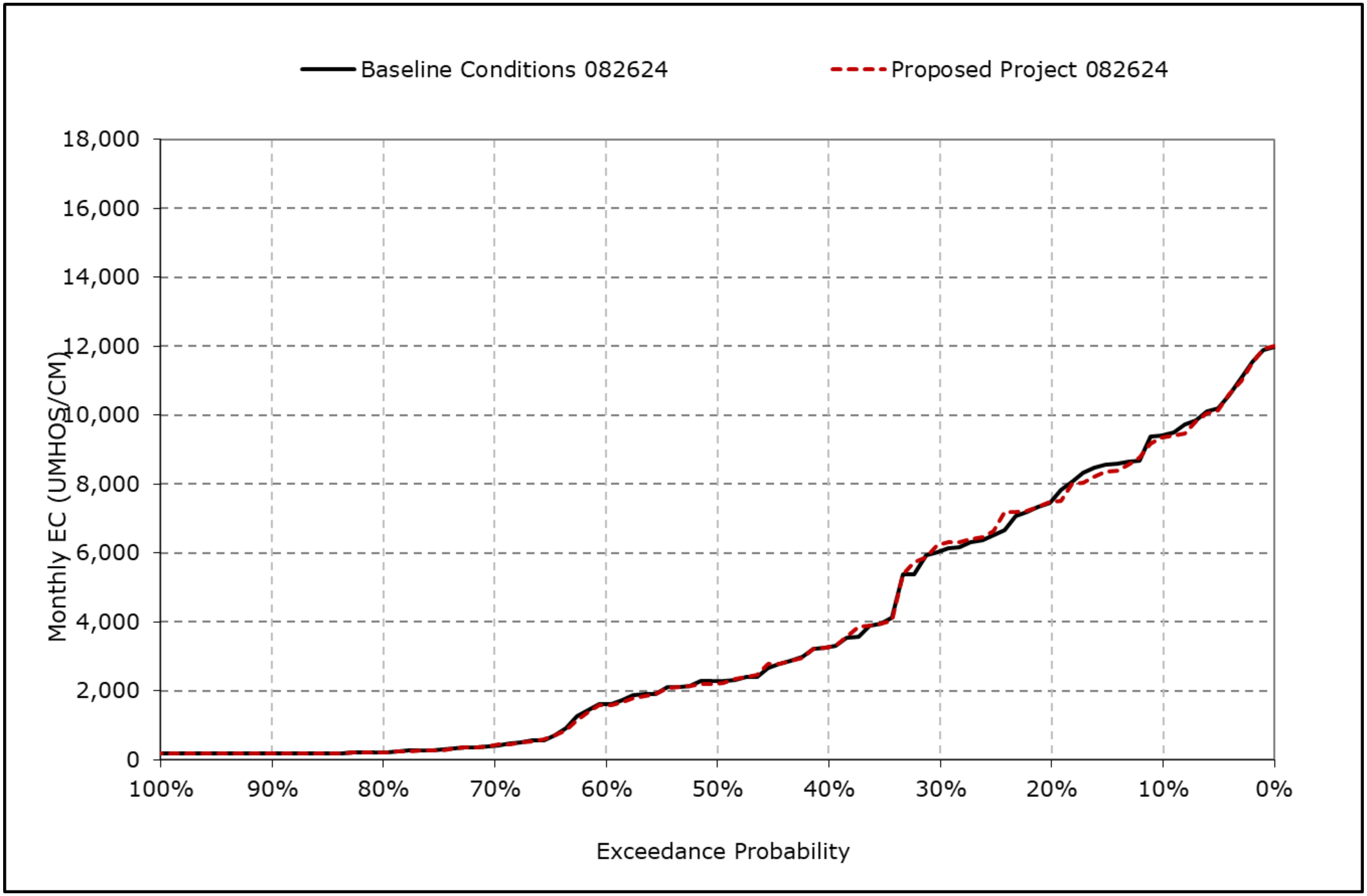
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9i. Chipps Island South Channel Salinity, December EC



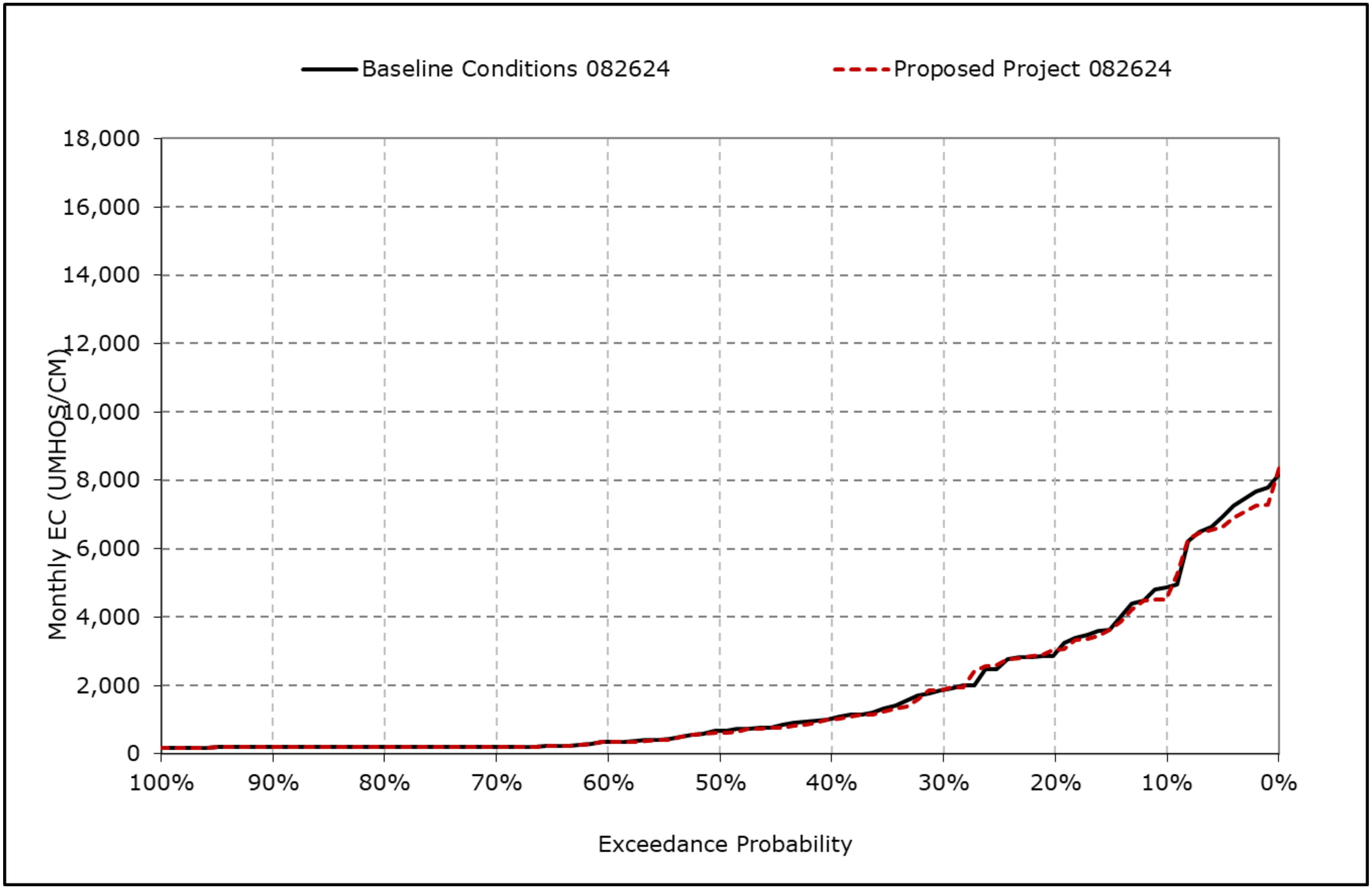
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9j. Chipps Island South Channel Salinity, January EC



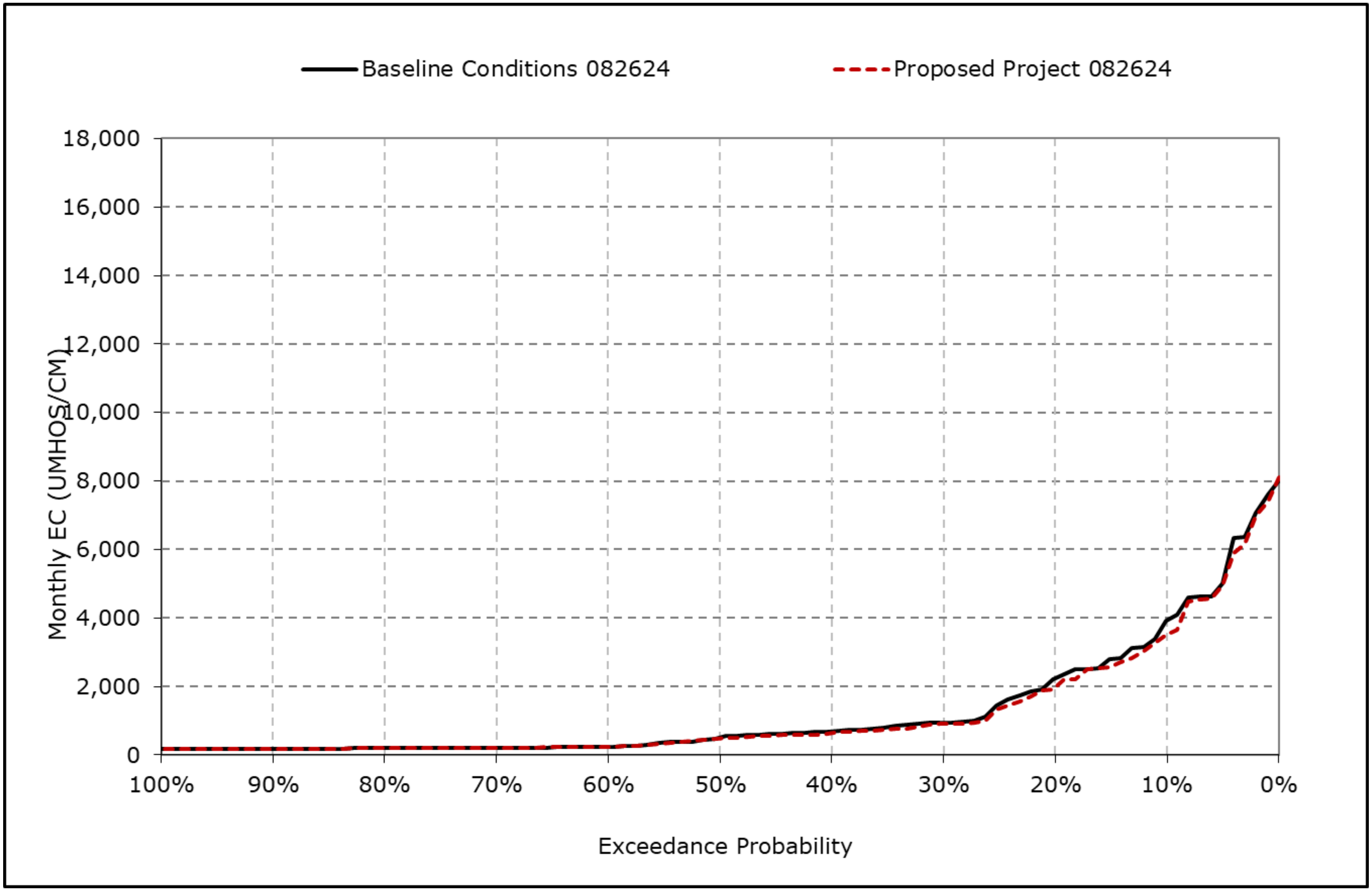
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9k. Chipps Island South Channel Salinity, February EC



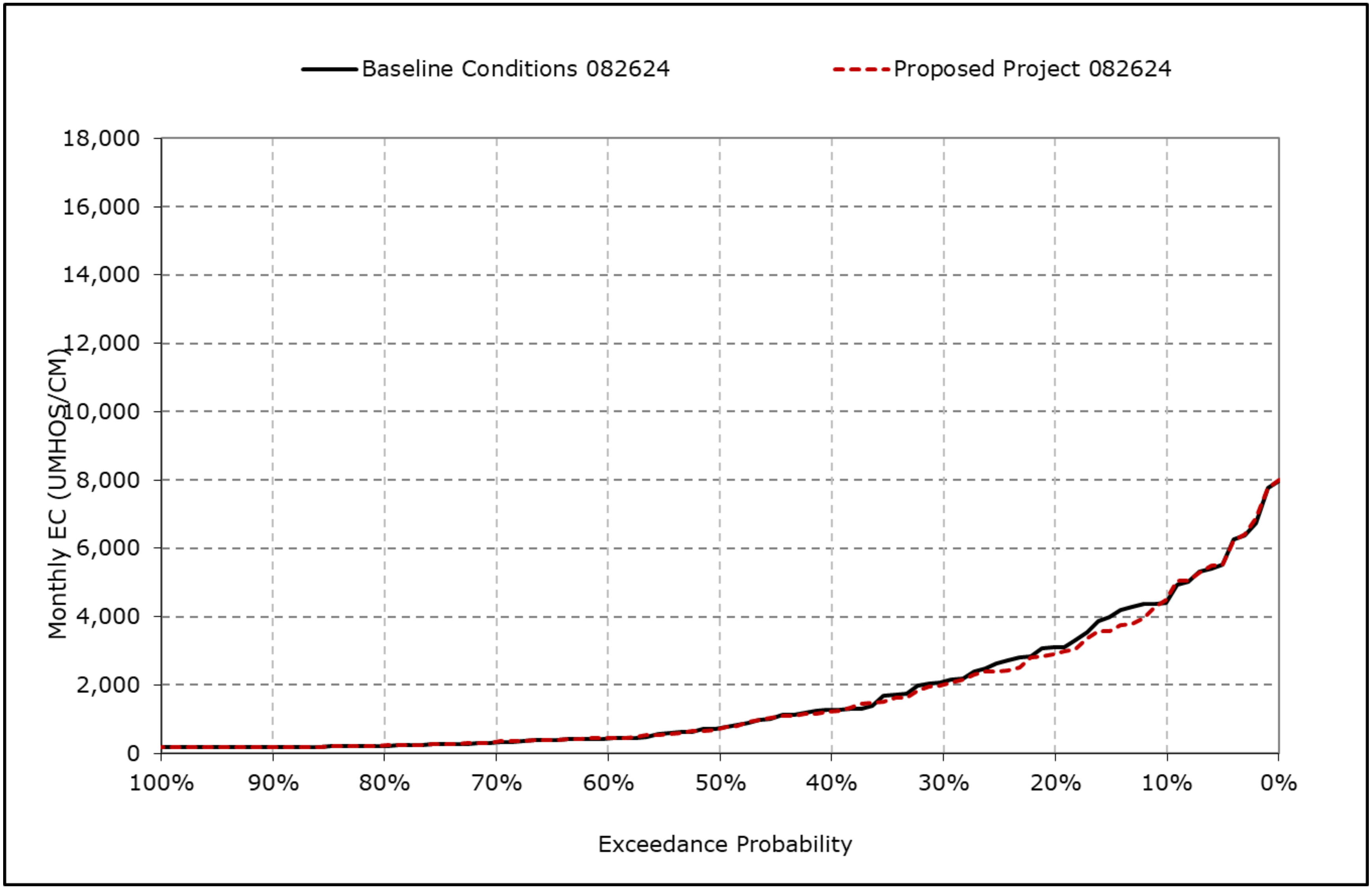
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9l. Chipps Island South Channel Salinity, March EC



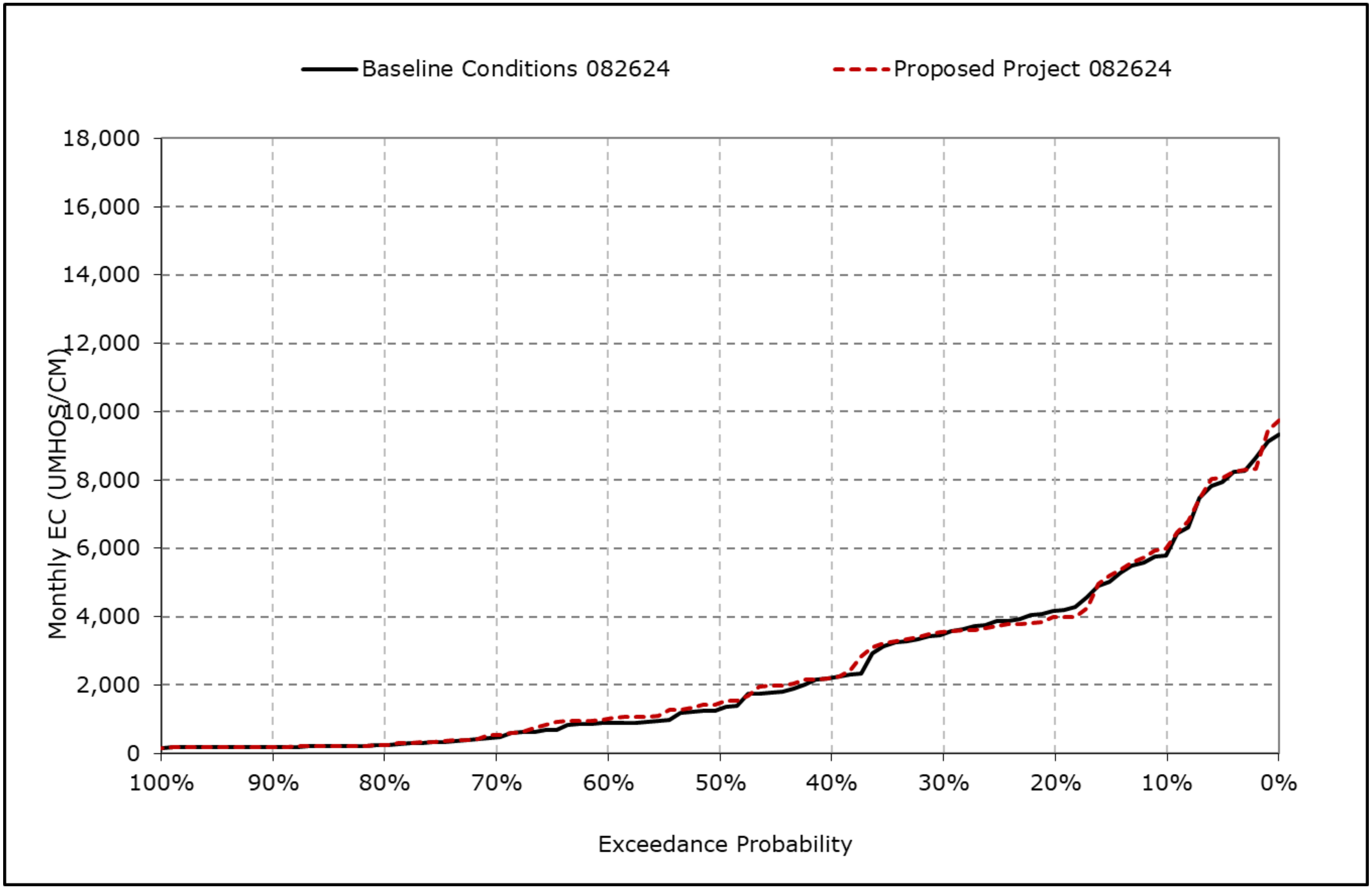
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9m. Chipps Island South Channel Salinity, April EC



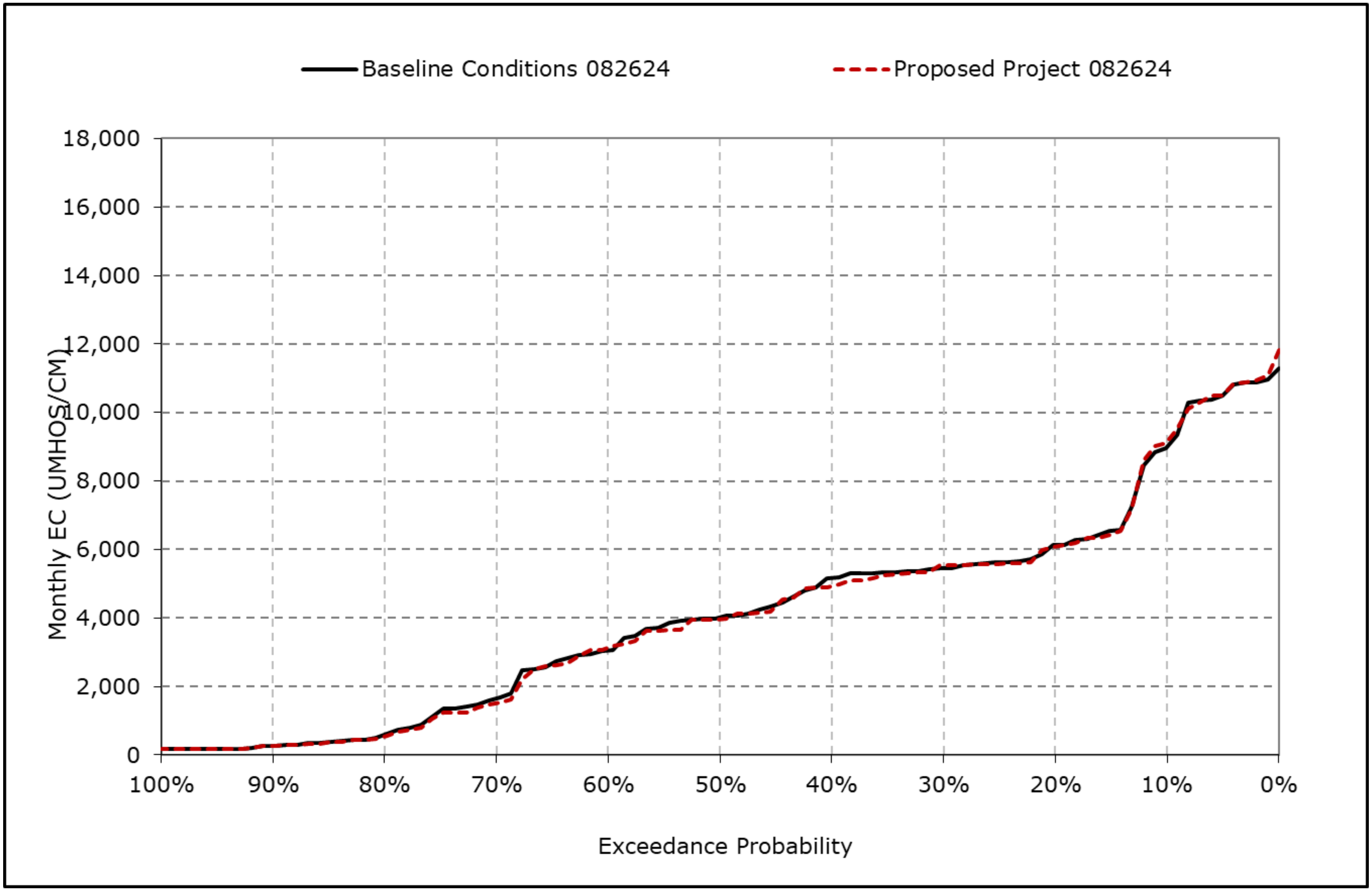
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9n. Chipps Island South Channel Salinity, May EC



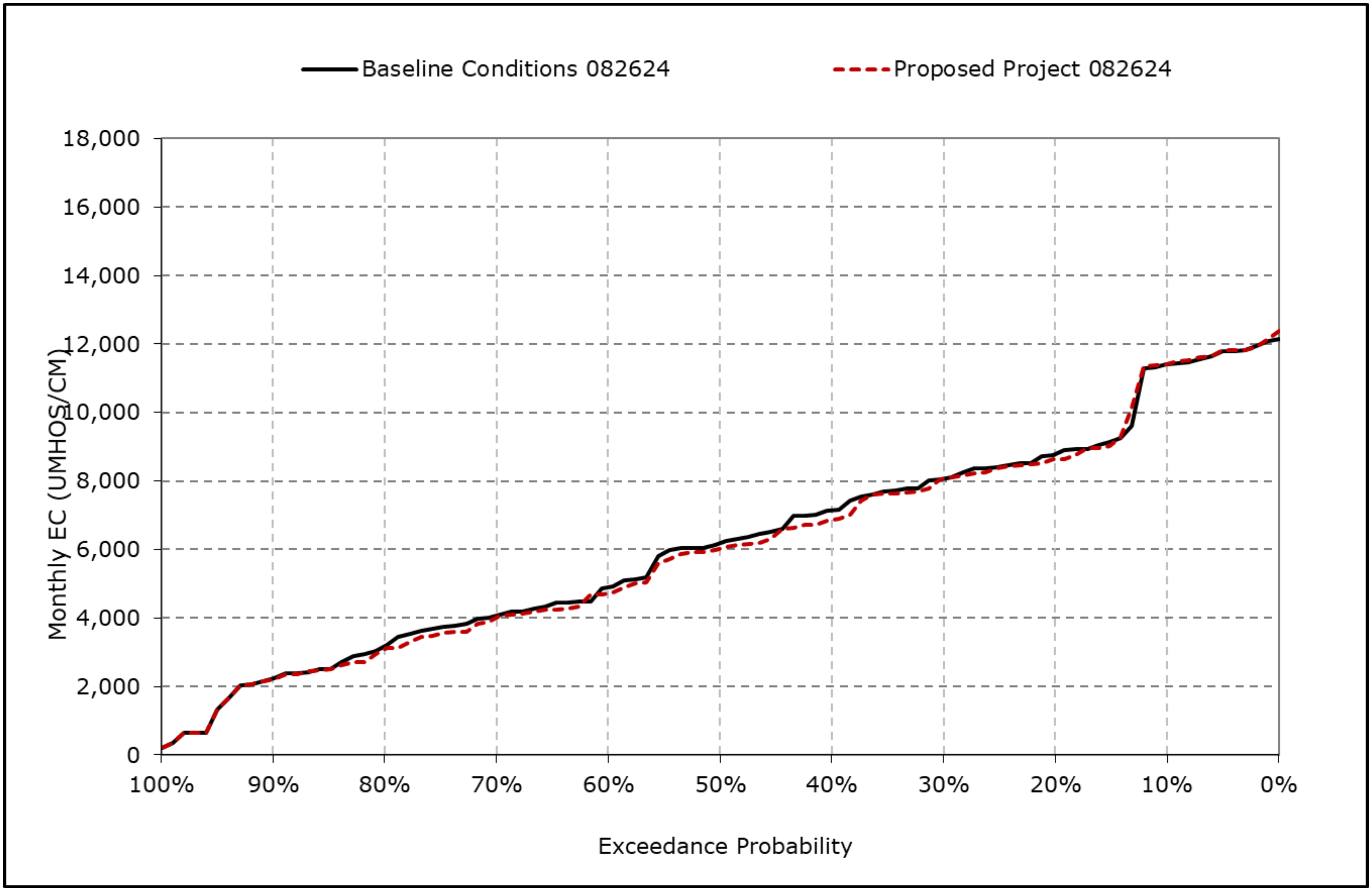
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9o. Chipps Island South Channel Salinity, June EC



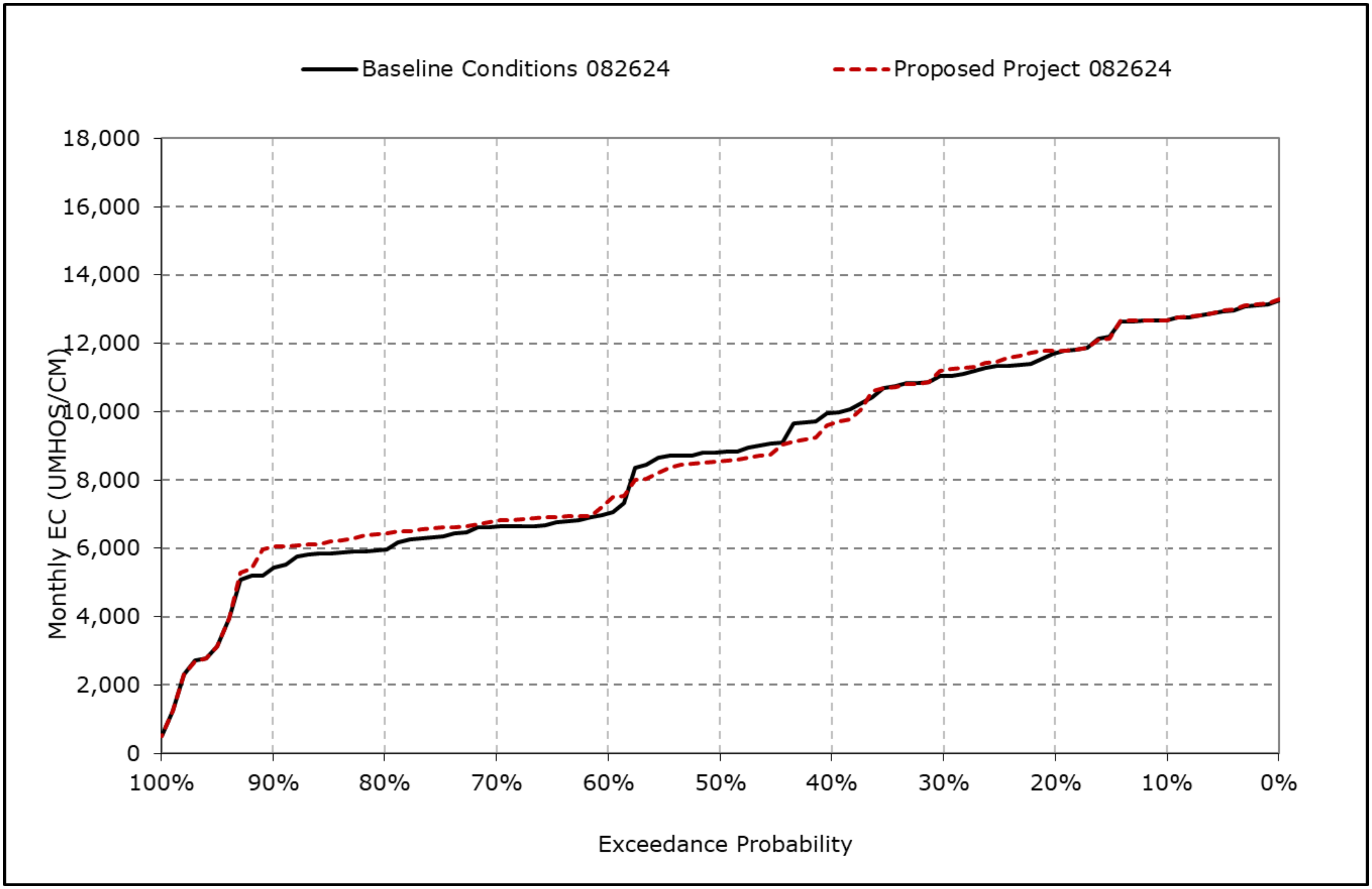
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9p. Chipps Island South Channel Salinity, July EC



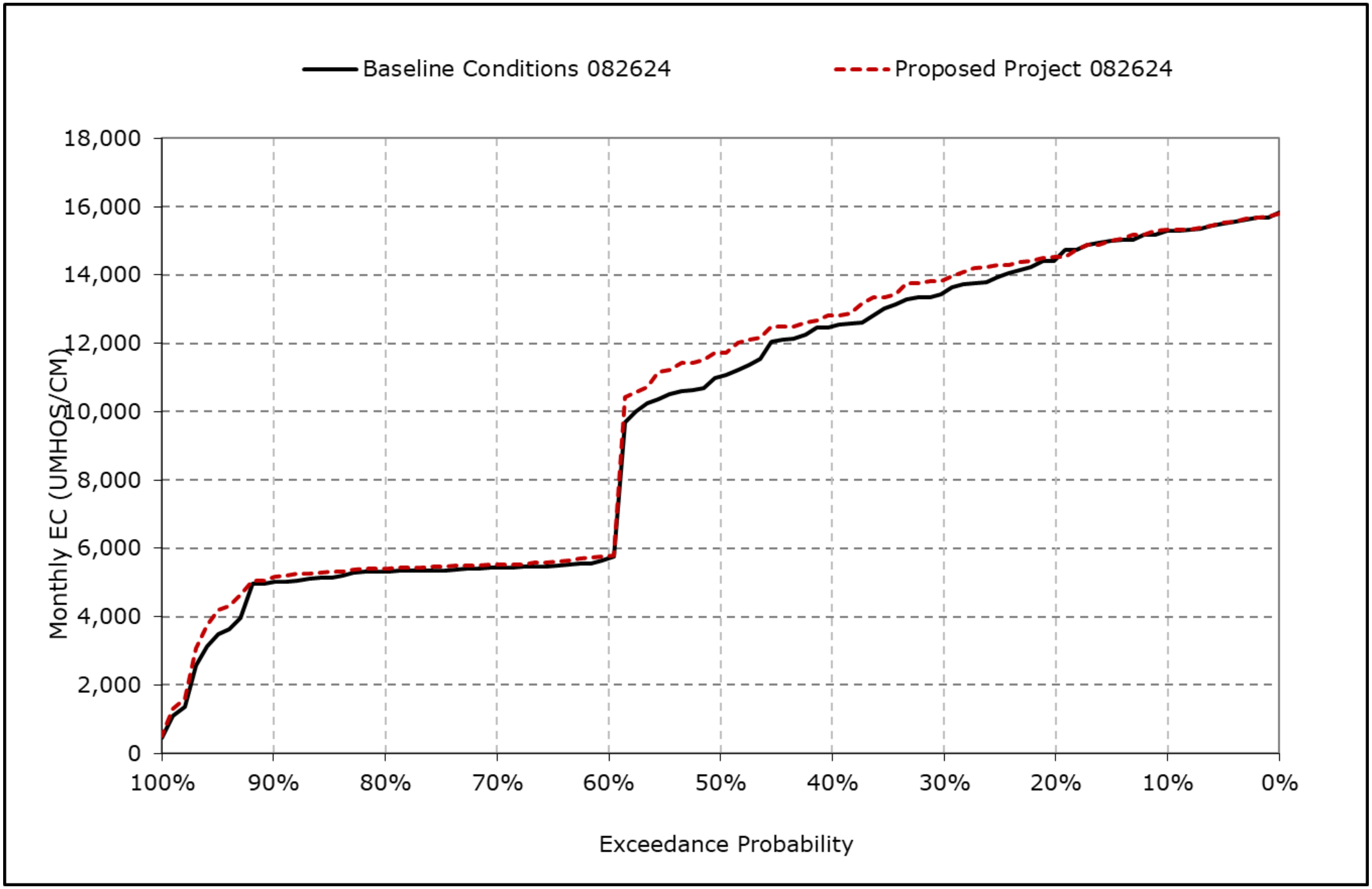
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-9q. Chipps Island South Channel Salinity, August EC



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

Figure 4B-6-9r. Chipps Island South Channel Salinity, September EC



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

Table 4B-6-10-1a. Sacramento River at Port Chicago Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	21,533	20,062	17,740	14,657	9,882	8,818	9,442	11,608	15,238	17,769	19,223	20,931
20% Exceedance	20,308	19,415	16,800	12,764	7,613	6,347	7,637	9,263	11,797	14,666	17,710	20,015
30% Exceedance	19,730	18,774	15,792	10,859	4,687	3,674	6,059	8,248	11,001	14,393	16,941	19,088
40% Exceedance	19,358	18,051	14,979	7,783	3,422	2,998	4,554	6,457	10,728	12,859	16,049	18,513
50% Exceedance	17,910	16,299	13,380	5,771	2,090	2,167	3,104	4,728	9,177	11,813	14,611	17,243
60% Exceedance	10,863	14,206	10,882	3,788	1,358	1,225	2,146	3,583	8,091	10,347	13,112	11,535
70% Exceedance	10,615	13,662	6,729	1,509	730	802	1,683	2,360	5,422	9,437	12,639	11,230
80% Exceedance	10,517	12,959	3,148	749	439	481	829	1,281	2,932	7,984	12,028	11,083
90% Exceedance	10,190	9,729	1,848	372	263	280	522	815	1,563	6,585	11,243	10,580
Full Simulation Period Average[a]	15,486	15,401	11,087	6,625	3,764	3,302	4,319	5,662	8,505	11,571	14,621	15,523
Wet Water Years (32%)	14,274	13,326	6,161	1,729	571	613	1,187	1,882	3,764	7,154	10,988	10,090
Above Normal Years (9%)	14,758	15,121	10,751	3,405	1,328	1,203	1,969	3,101	5,914	8,948	12,221	10,767
Below Normal Years (20%)	14,890	15,519	12,956	7,185	3,402	2,391	3,383	4,734	8,983	11,812	14,859	17,484
Dry Water Years (21%)	15,572	15,891	12,975	10,107	5,682	4,809	6,387	7,862	10,901	14,389	17,120	19,312
Critical Water Years (18%)	18,566	18,526	15,733	12,256	8,823	8,387	9,690	12,127	14,904	17,182	19,102	20,961

Table 4B-6-10-1b. Sacramento River at Port Chicago Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

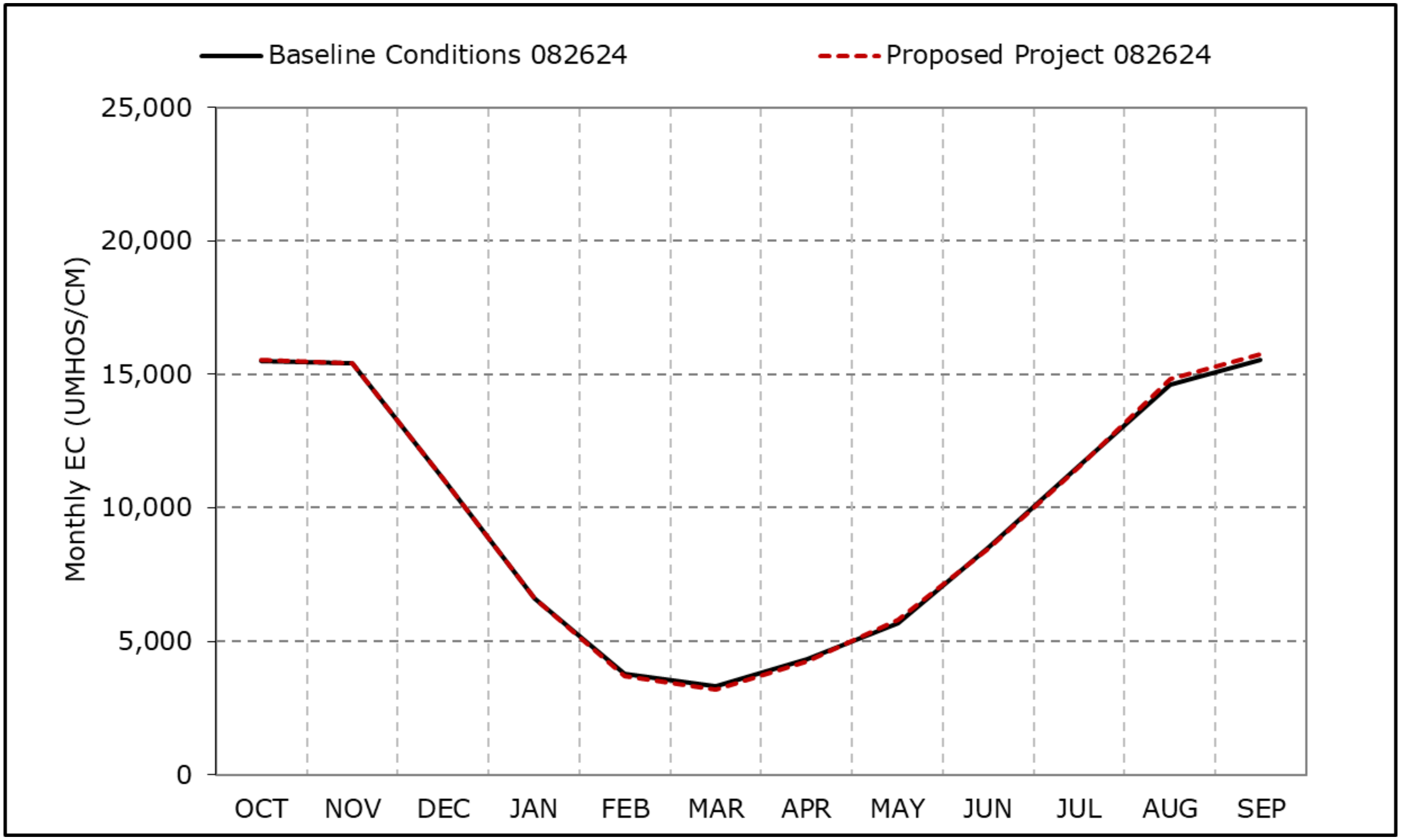
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	21,536	20,176	17,718	14,578	9,929	8,204	9,508	11,816	15,396	17,821	19,255	20,933
20% Exceedance	20,437	19,403	16,774	12,750	7,489	5,915	7,392	9,049	11,686	14,693	17,712	20,141
30% Exceedance	19,780	18,747	15,867	10,903	4,569	3,457	5,904	8,224	11,015	14,284	17,383	19,543
40% Exceedance	19,396	18,060	14,847	7,606	3,261	2,752	4,483	6,517	10,476	12,808	15,749	18,634
50% Exceedance	18,276	16,378	13,379	5,780	2,066	2,125	3,020	5,024	9,166	11,768	14,689	17,816
60% Exceedance	10,935	14,170	10,932	3,748	1,332	1,179	2,255	3,837	8,115	10,442	13,399	11,616
70% Exceedance	10,670	13,633	6,623	1,495	718	787	1,725	2,628	5,170	9,280	12,922	11,350
80% Exceedance	10,470	12,821	3,180	742	440	483	875	1,321	2,792	7,797	12,538	11,162
90% Exceedance	10,045	9,839	1,834	359	262	280	524	825	1,511	6,497	11,914	10,695
Full Simulation Period Average[a]	15,563	15,412	11,070	6,614	3,704	3,191	4,262	5,786	8,441	11,527	14,810	15,752
Wet Water Years (32%)	14,368	13,343	6,089	1,688	567	618	1,258	2,043	3,654	7,099	11,293	10,380
Above Normal Years (9%)	14,708	15,088	10,847	3,448	1,314	1,155	1,961	3,327	5,770	8,877	12,713	10,801
Below Normal Years (20%)	15,016	15,543	12,927	7,151	3,351	2,240	3,292	5,009	8,929	11,715	14,822	17,874
Dry Water Years (21%)	15,573	15,922	12,990	10,126	5,619	4,542	6,052	7,720	10,793	14,360	17,366	19,570
Critical Water Years (18%)	18,708	18,513	15,735	12,260	8,632	8,263	9,740	12,279	15,000	17,211	19,113	20,966

Table 4B-6-10-1c. Sacramento River at Port Chicago Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3	114	-22	-79	47	-614	66	208	158	52	32	2
20% Exceedance	130	-11	-26	-14	-124	-433	-244	-214	-111	28	2	126
30% Exceedance	50	-27	76	44	-119	-217	-155	-24	14	-109	443	455
40% Exceedance	38	9	-132	-177	-161	-247	-70	59	-252	-51	-301	121
50% Exceedance	366	79	-1	9	-24	-42	-84	297	-11	-44	78	573
60% Exceedance	72	-35	51	-40	-26	-47	109	254	24	95	286	81
70% Exceedance	54	-29	-106	-13	-11	-16	43	268	-251	-157	283	120
80% Exceedance	-47	-138	31	-7	2	3	47	40	-140	-187	510	78
90% Exceedance	-145	110	-13	-14	0	0	2	11	-52	-88	670	115
Full Simulation Period Average[a]	77	12	-16	-11	-60	-111	-57	124	-64	-44	188	229
Wet Water Years (32%)	94	18	-72	-42	-4	5	71	161	-111	-54	305	290
Above Normal Years (9%)	-50	-33	96	43	-14	-48	-9	226	-144	-71	492	33
Below Normal Years (20%)	126	24	-29	-34	-51	-151	-91	274	-54	-97	-36	390
Dry Water Years (21%)	1	31	16	20	-63	-267	-334	-143	-108	-29	246	259
Critical Water Years (18%)	143	-13	2	4	-191	-124	50	153	97	29	11	4

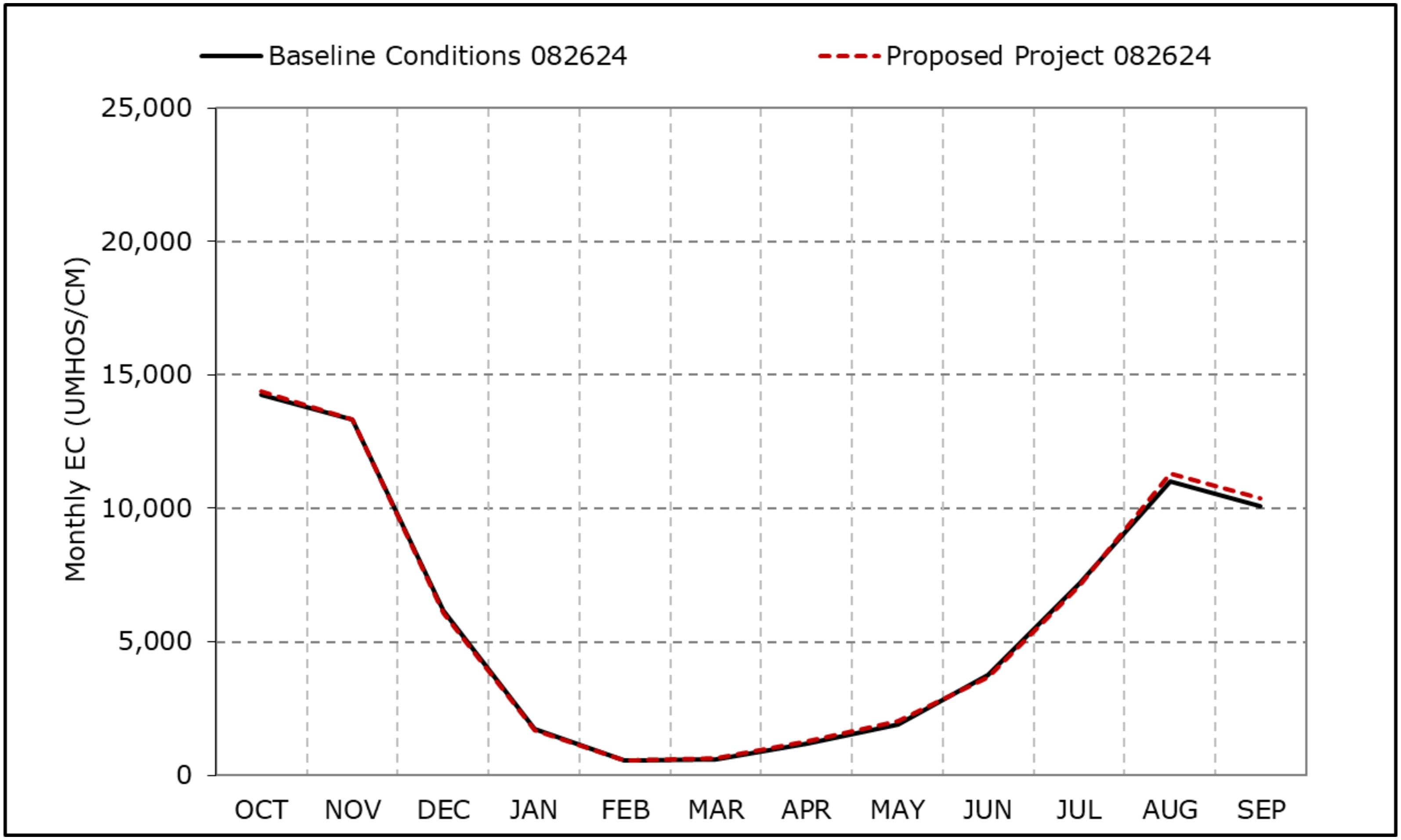
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-10a. Sacramento River at Port Chicago Salinity, Long-Term Average EC



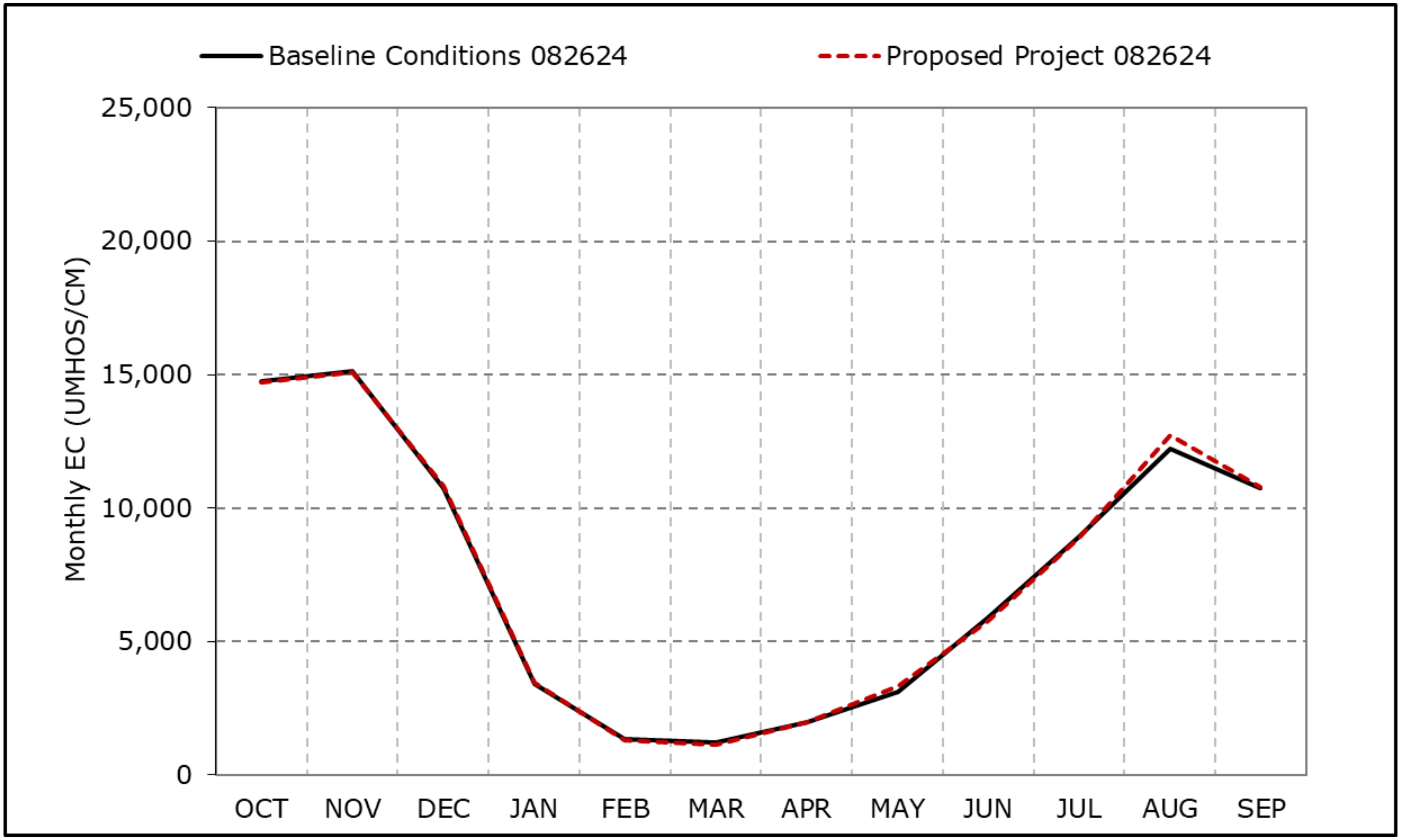
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10b. Sacramento River at Port Chicago Salinity, Wet Year Average EC



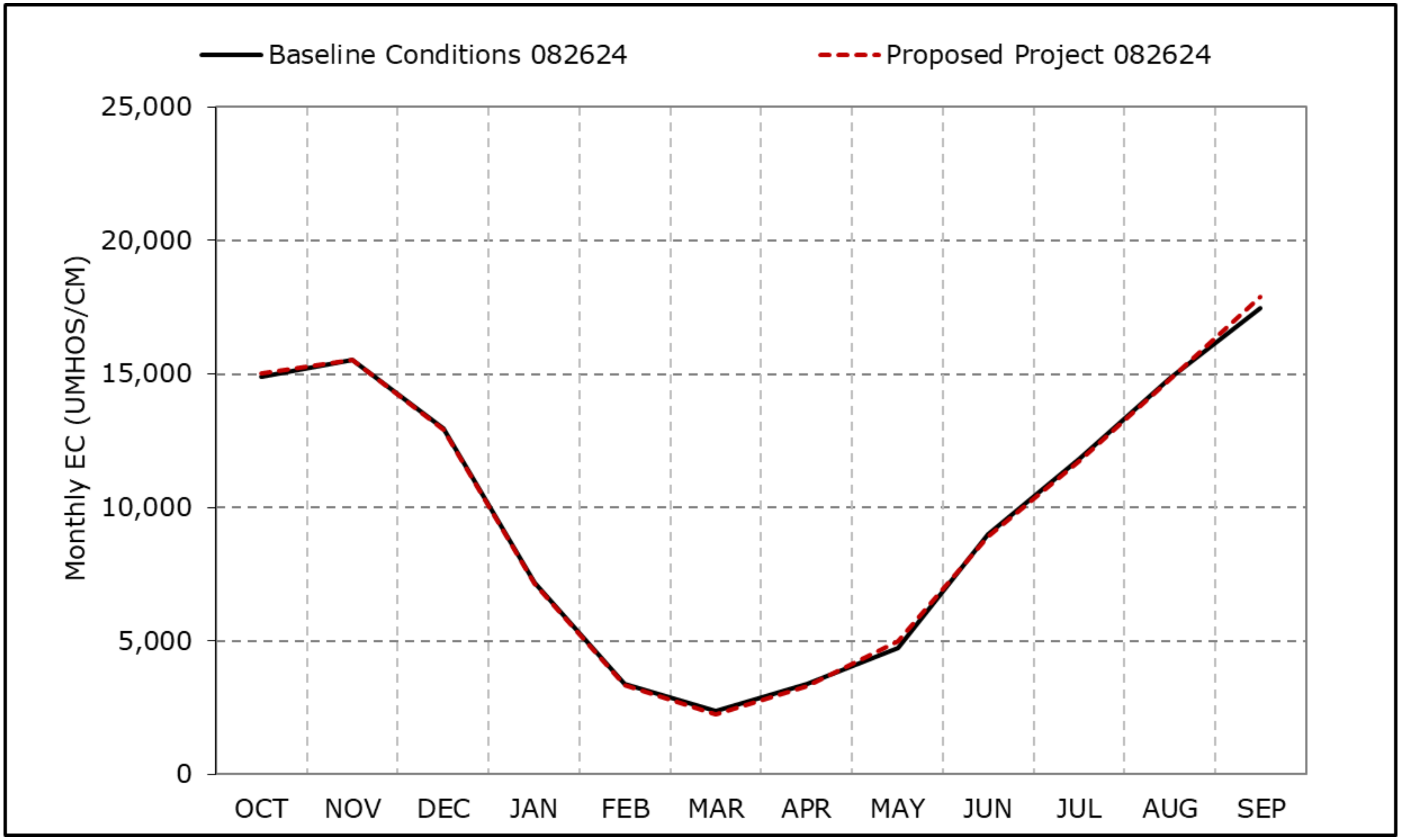
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10c. Sacramento River at Port Chicago Salinity, Above Normal Year Average EC



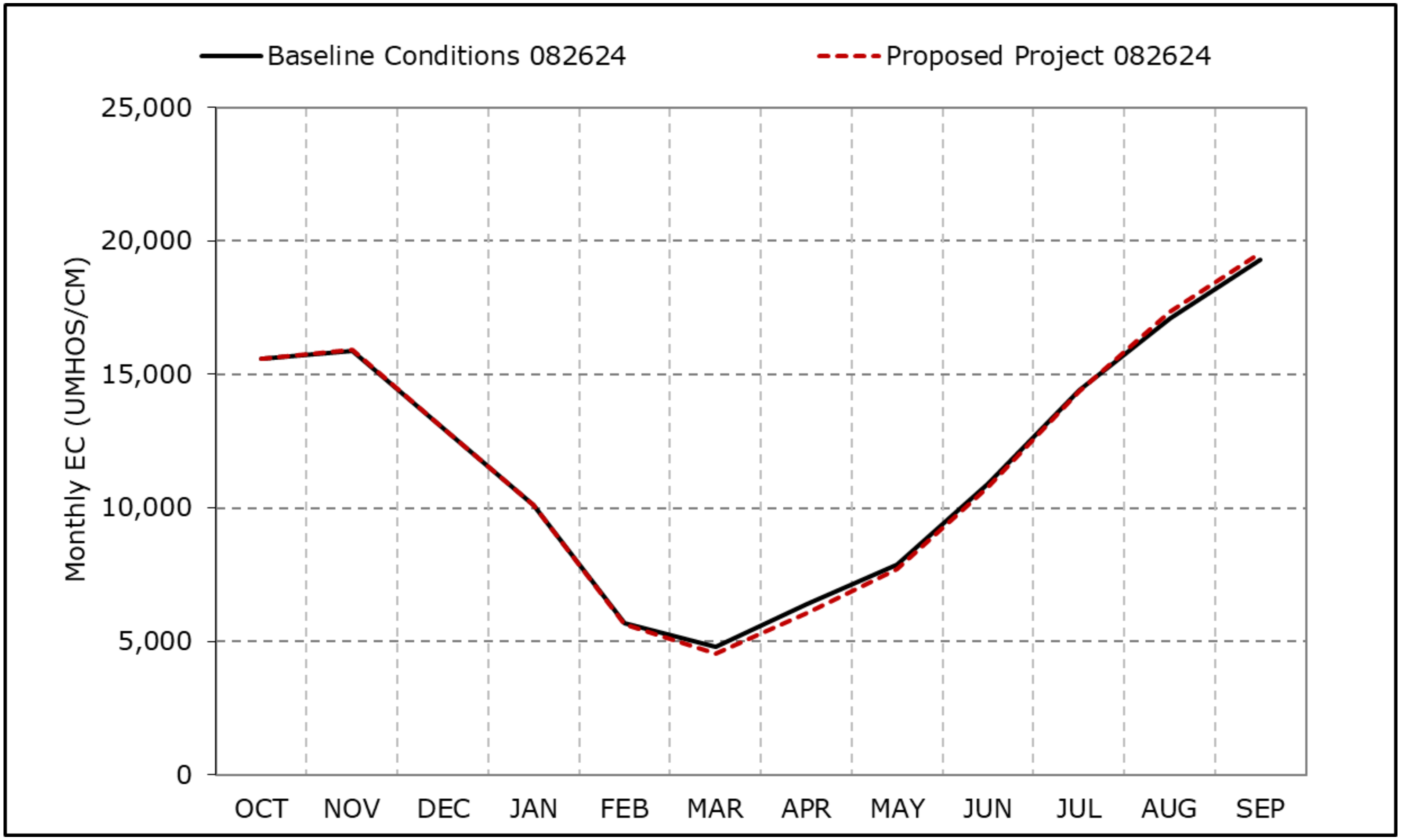
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10d. Sacramento River at Port Chicago Salinity, Below Normal Year Average EC



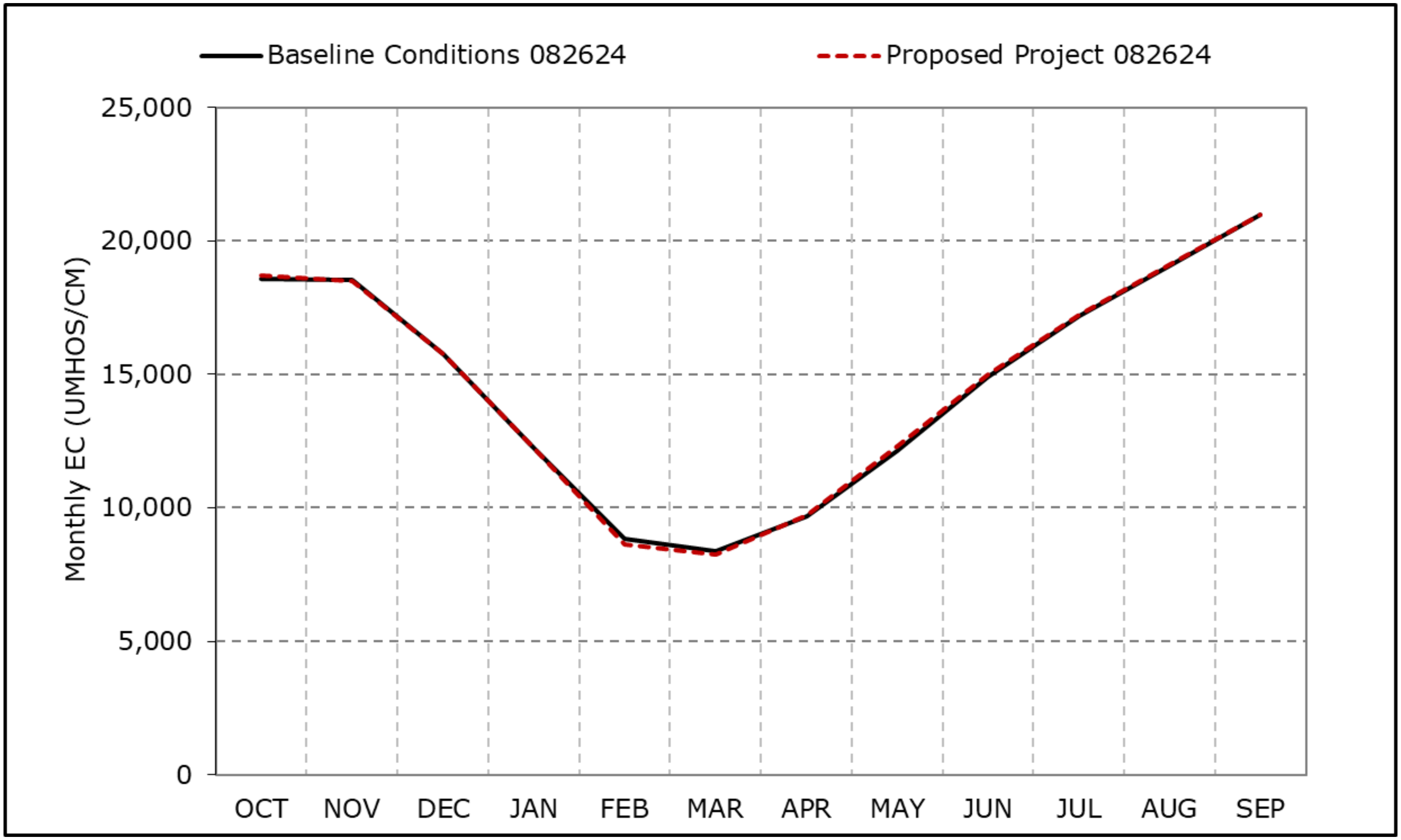
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10e. Sacramento River at Port Chicago Salinity, Dry Year Average EC



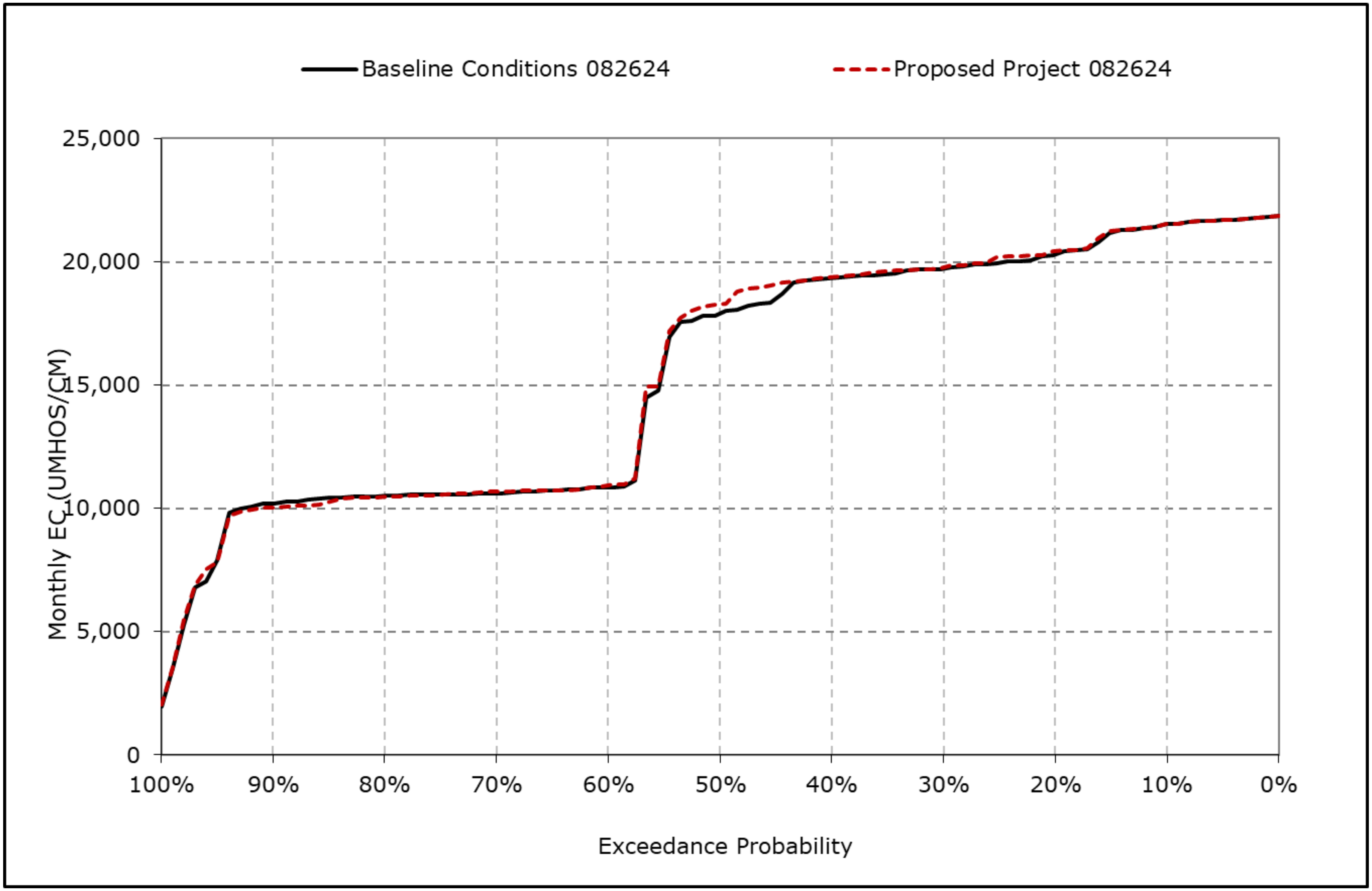
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10f. Sacramento River at Port Chicago Salinity, Critical Year Average EC



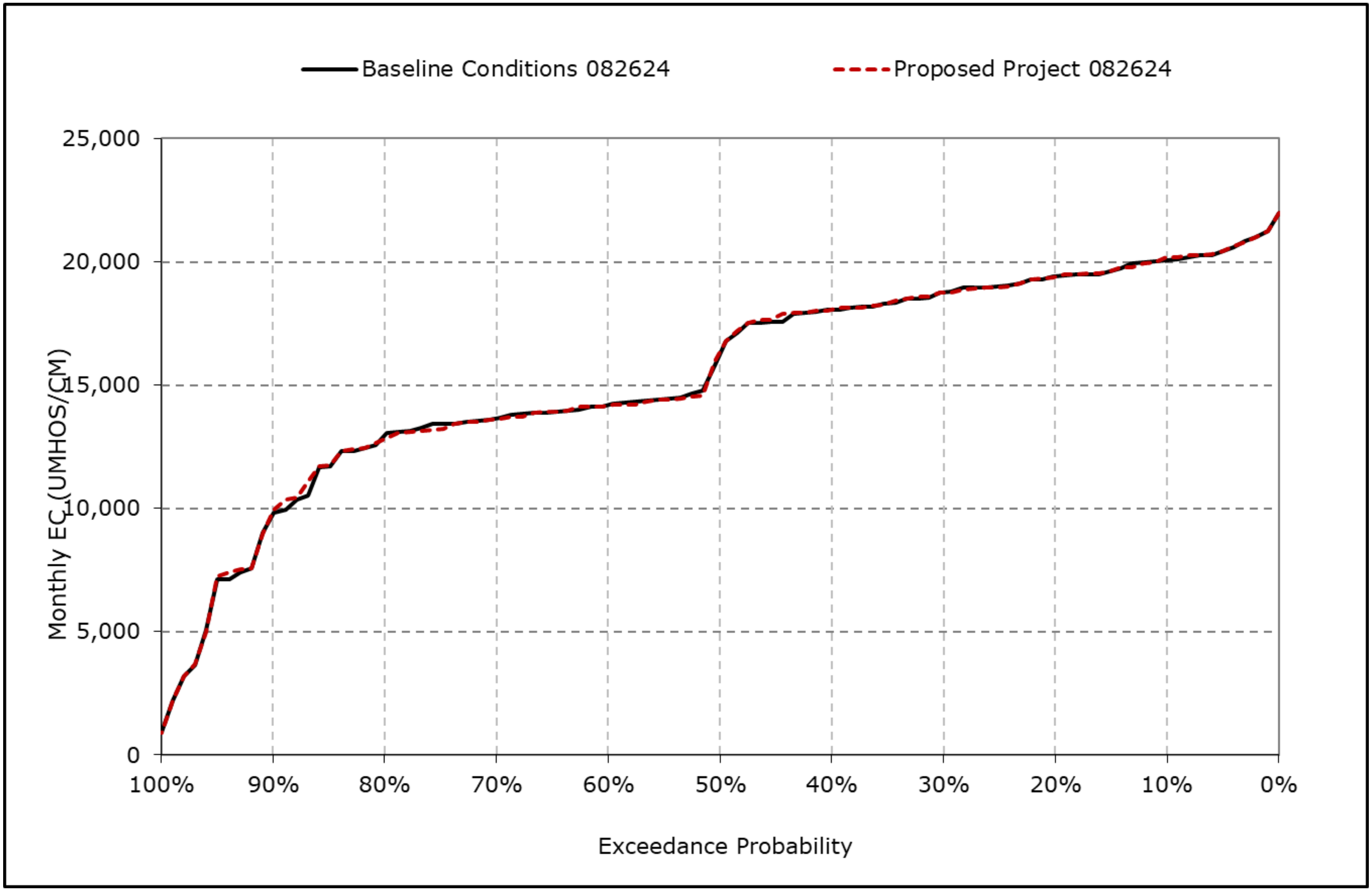
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10g. Sacramento River at Port Chicago Salinity, October EC



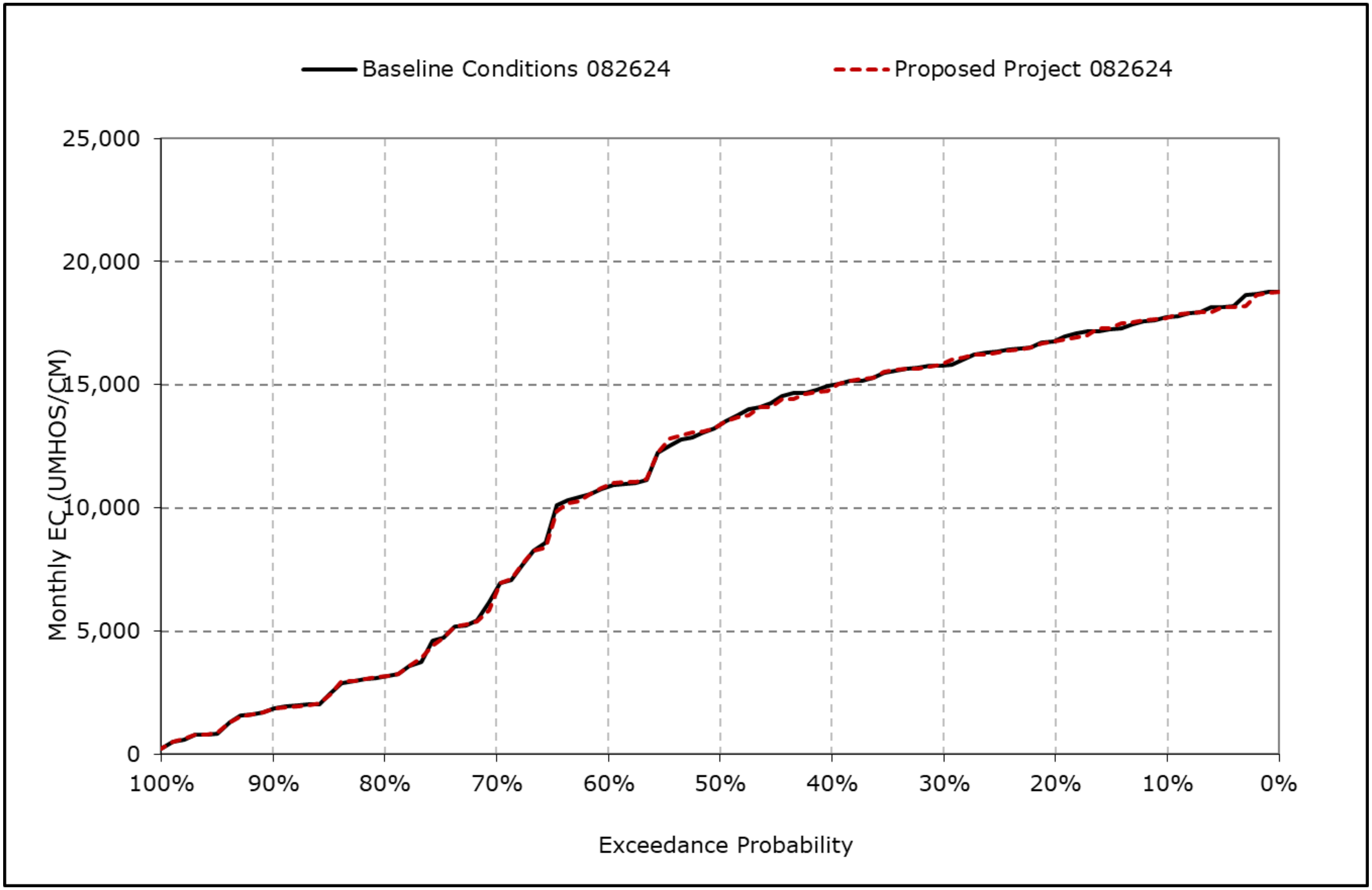
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10h. Sacramento River at Port Chicago Salinity, November EC



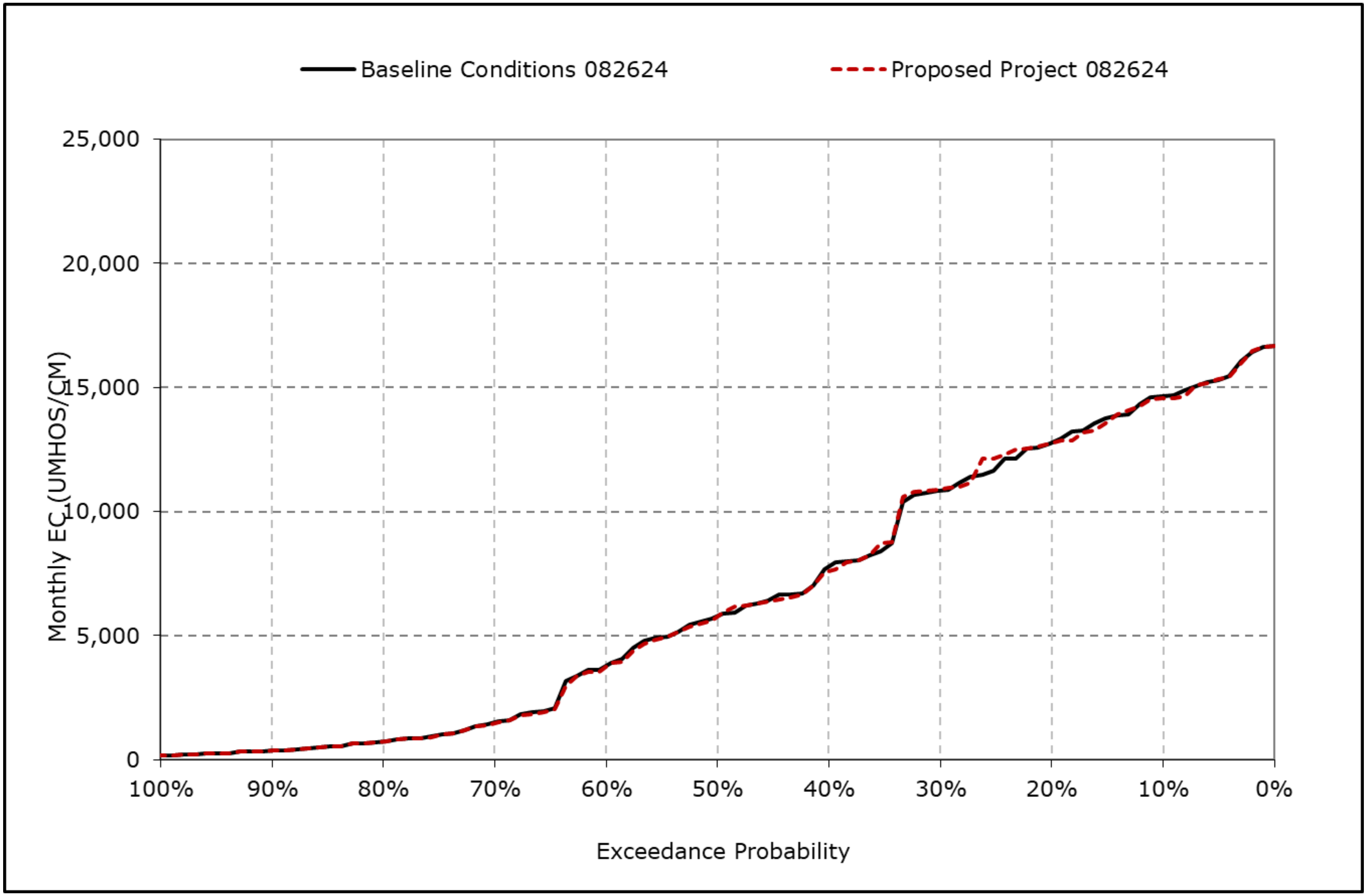
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10i. Sacramento River at Port Chicago Salinity, December EC



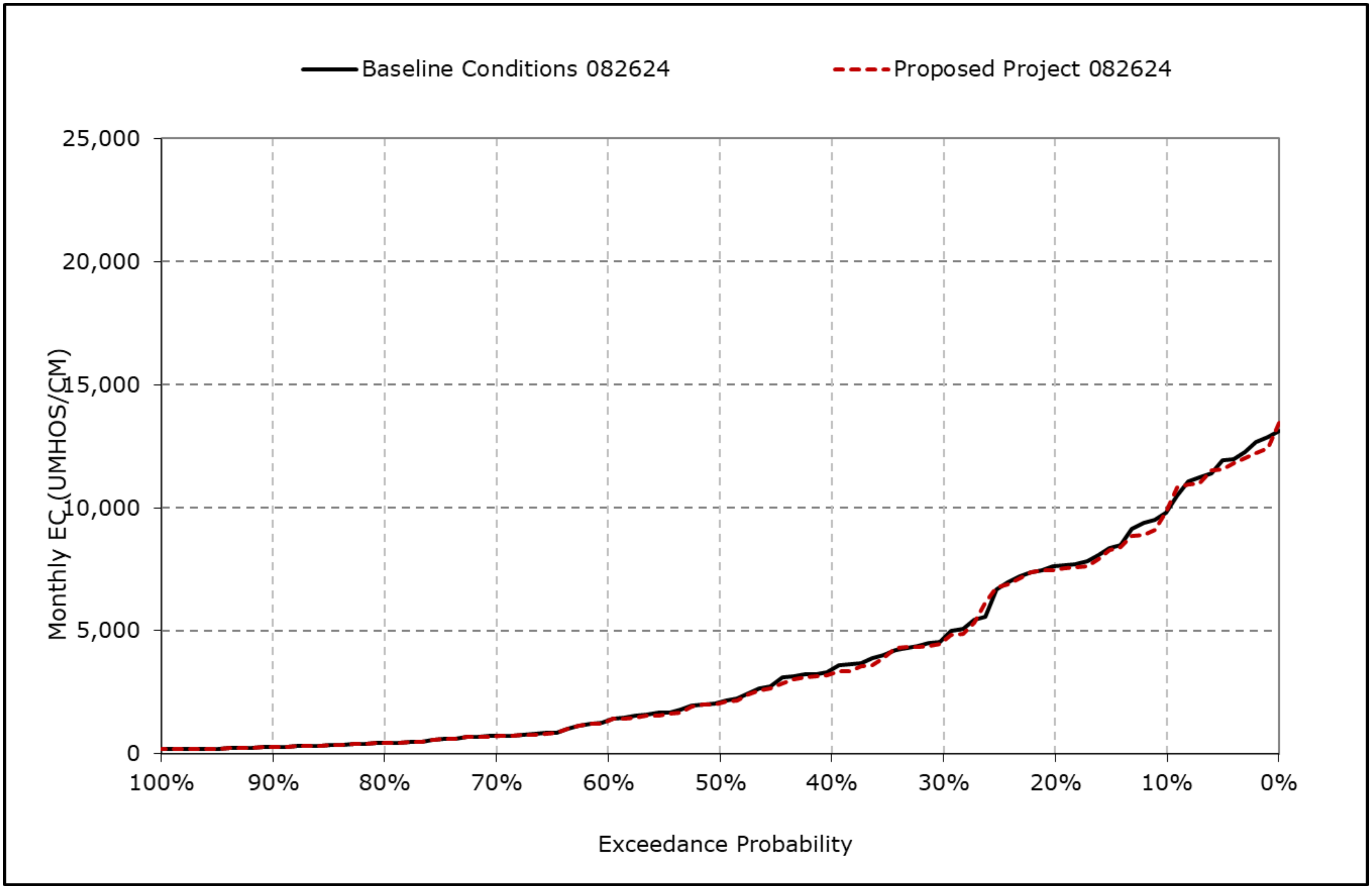
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10j. Sacramento River at Port Chicago Salinity, January EC



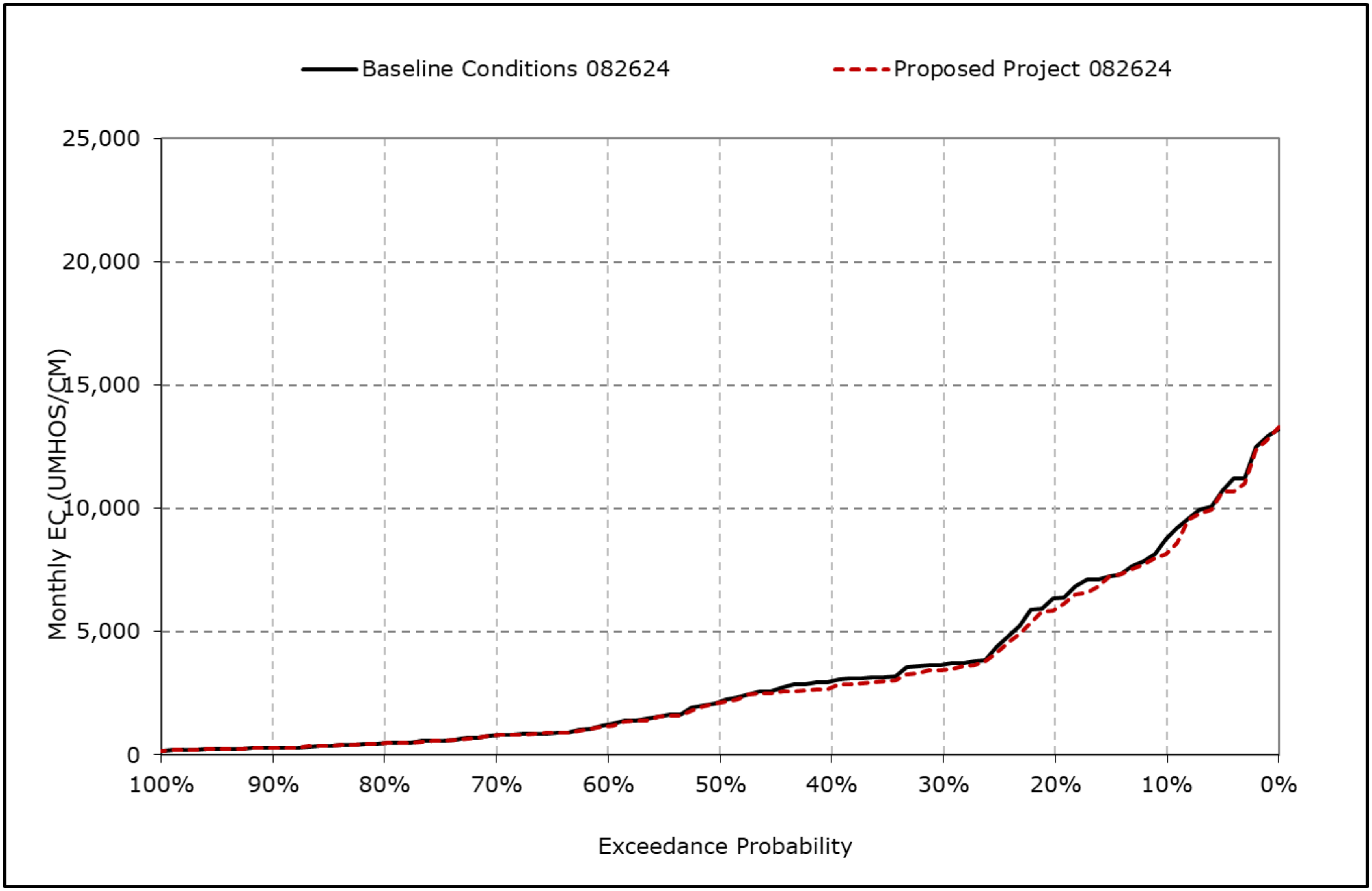
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10k. Sacramento River at Port Chicago Salinity, February EC



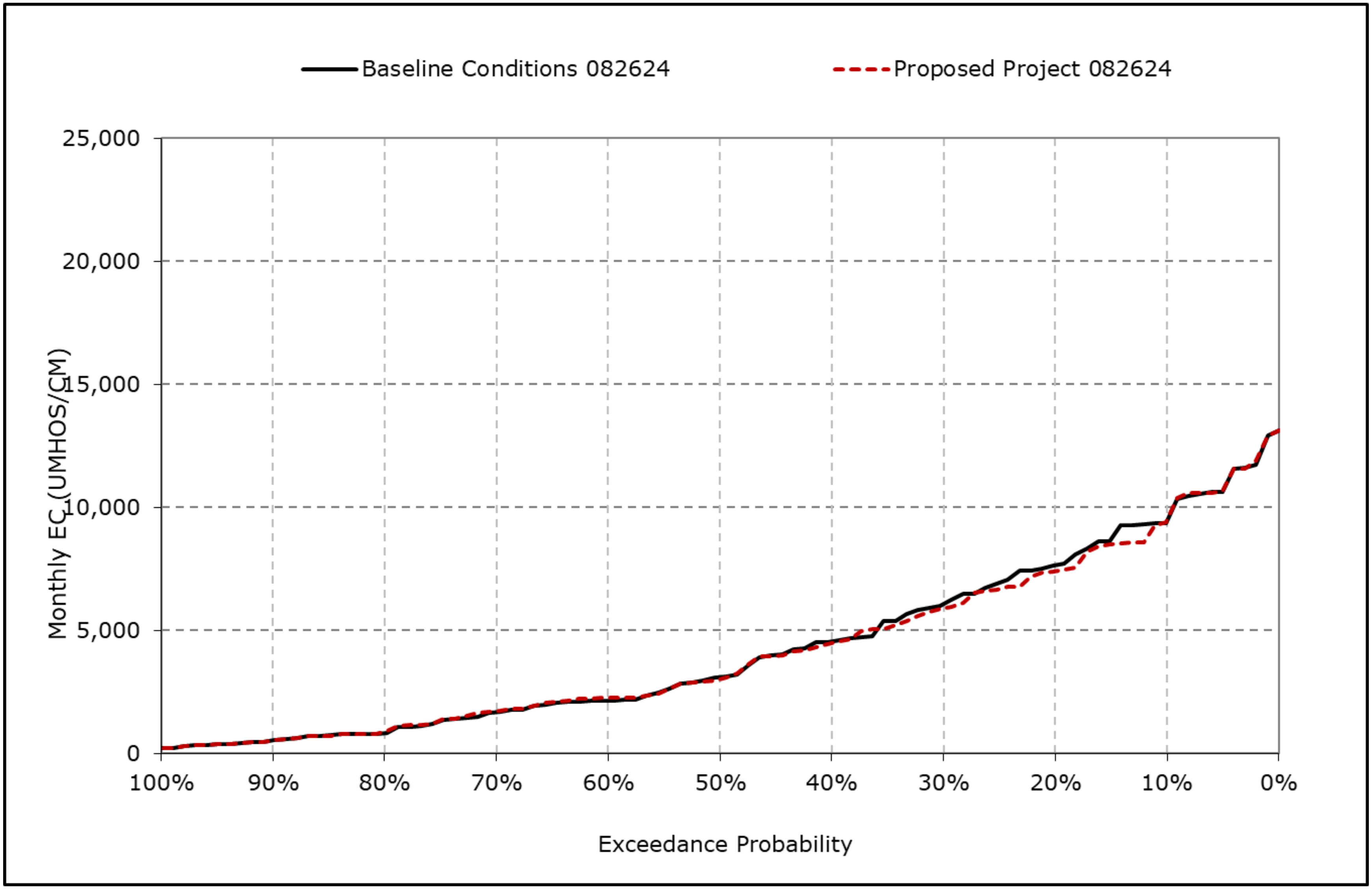
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10l. Sacramento River at Port Chicago Salinity, March EC



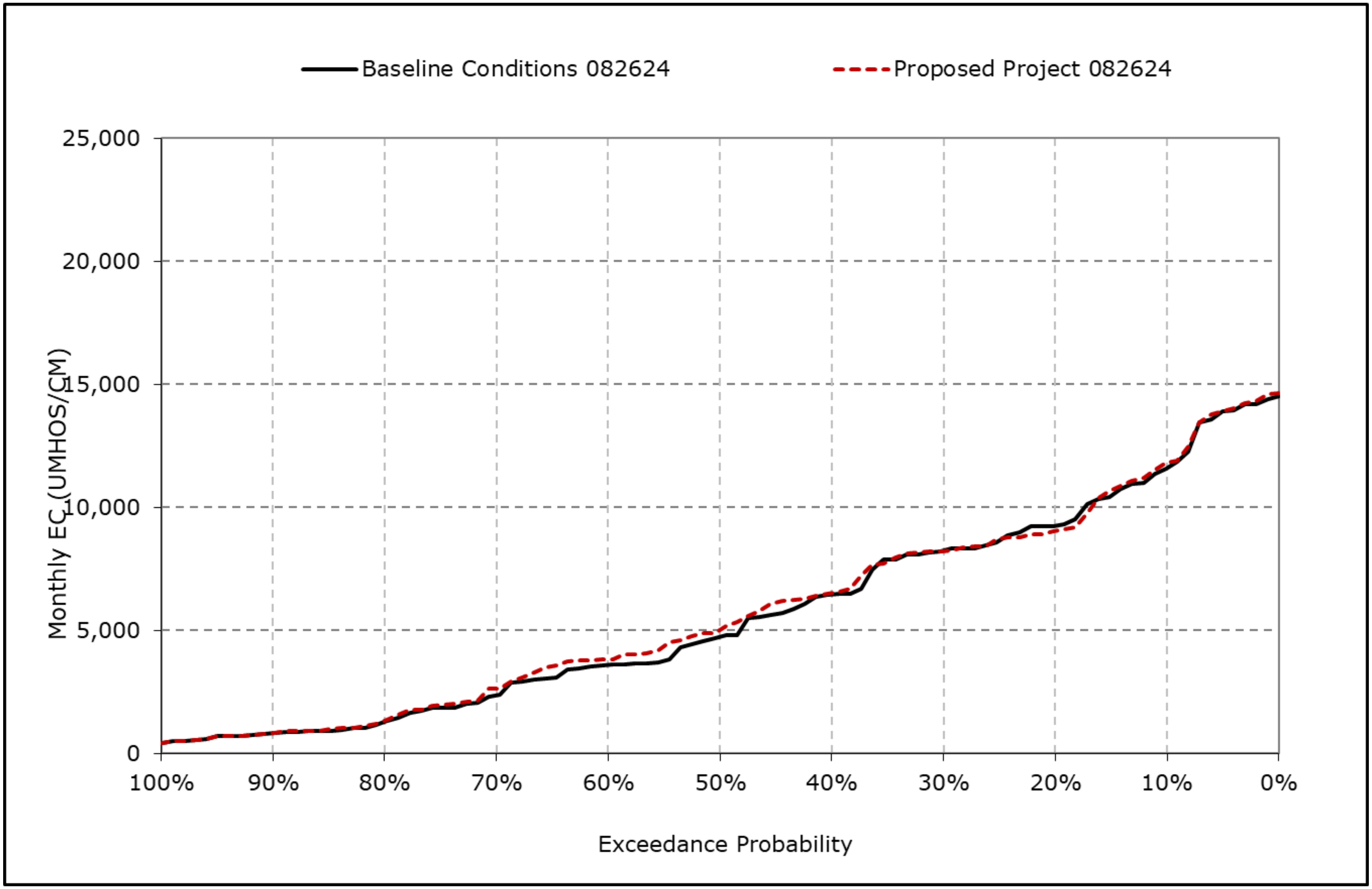
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10m. Sacramento River at Port Chicago Salinity, April EC



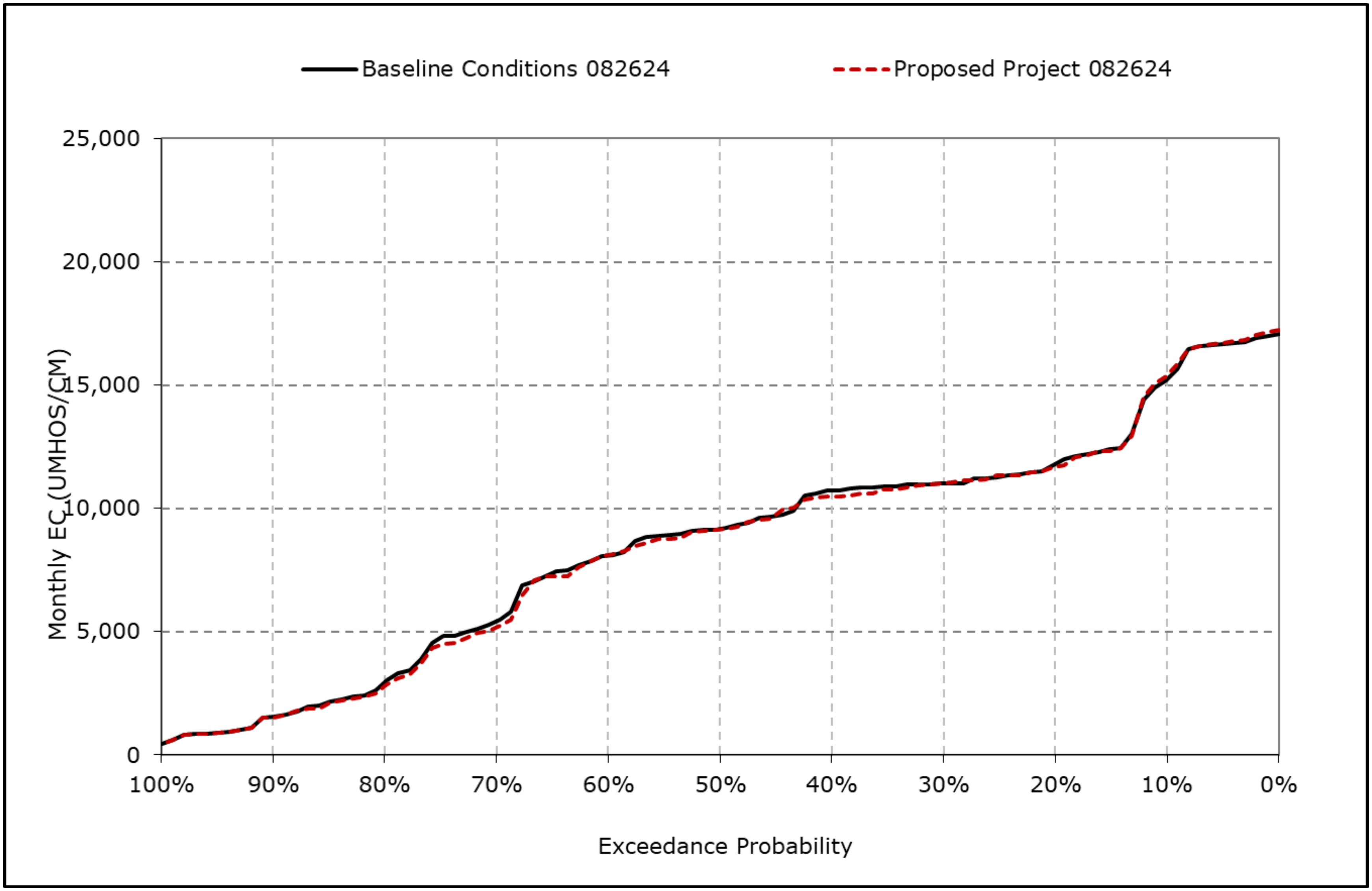
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10n. Sacramento River at Port Chicago Salinity, May EC



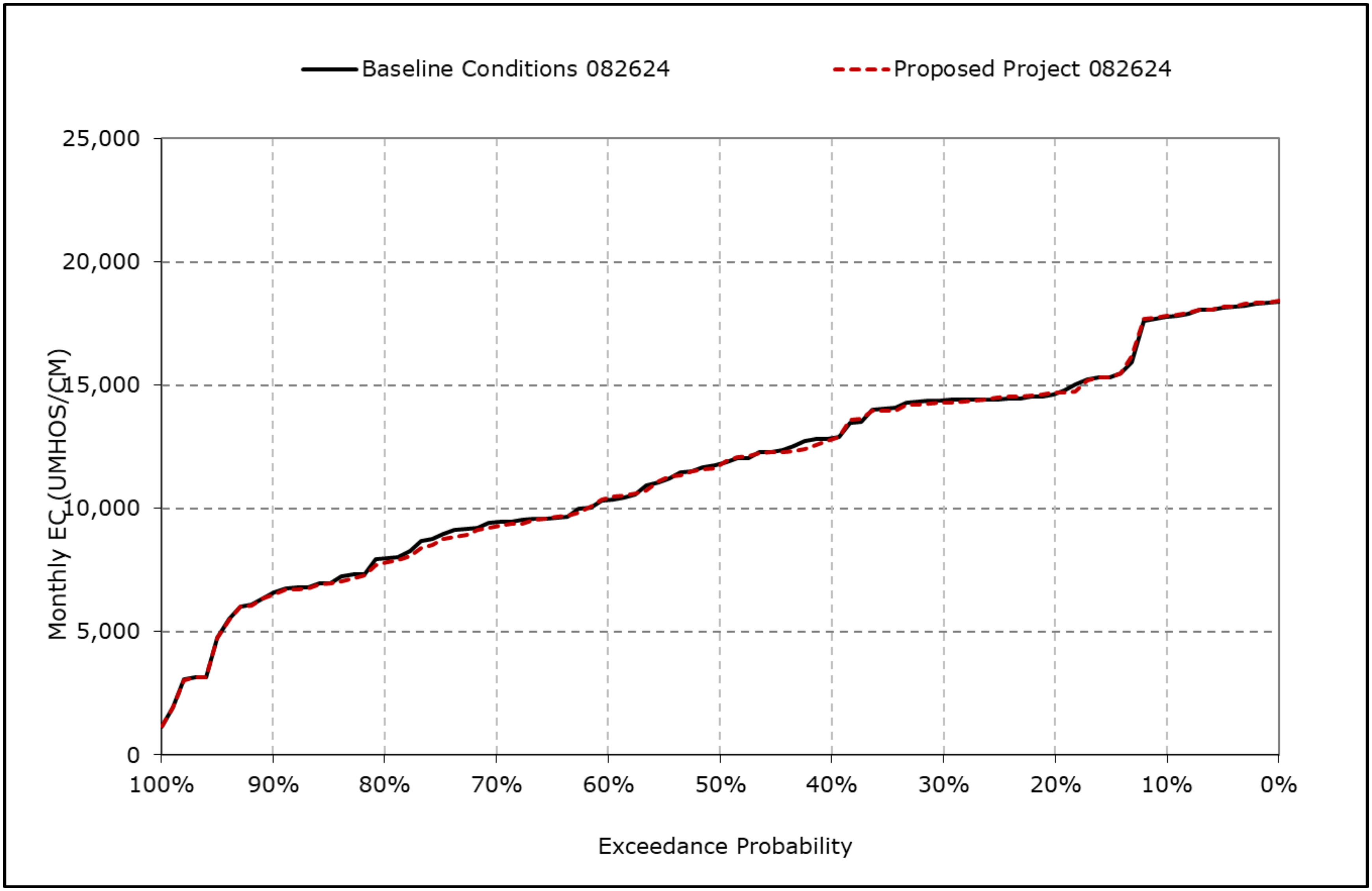
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10o. Sacramento River at Port Chicago Salinity, June EC



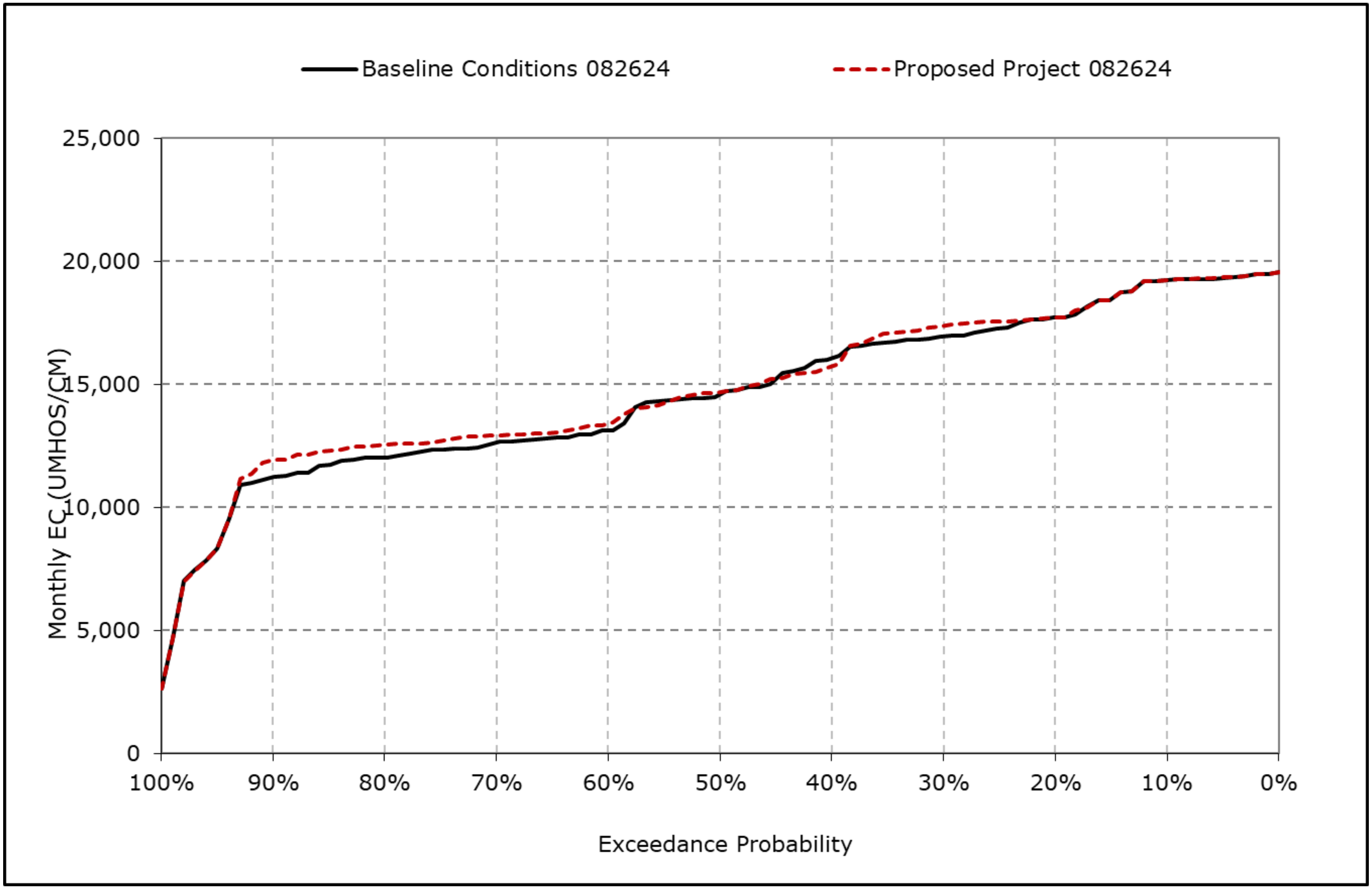
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10p. Sacramento River at Port Chicago Salinity, July EC



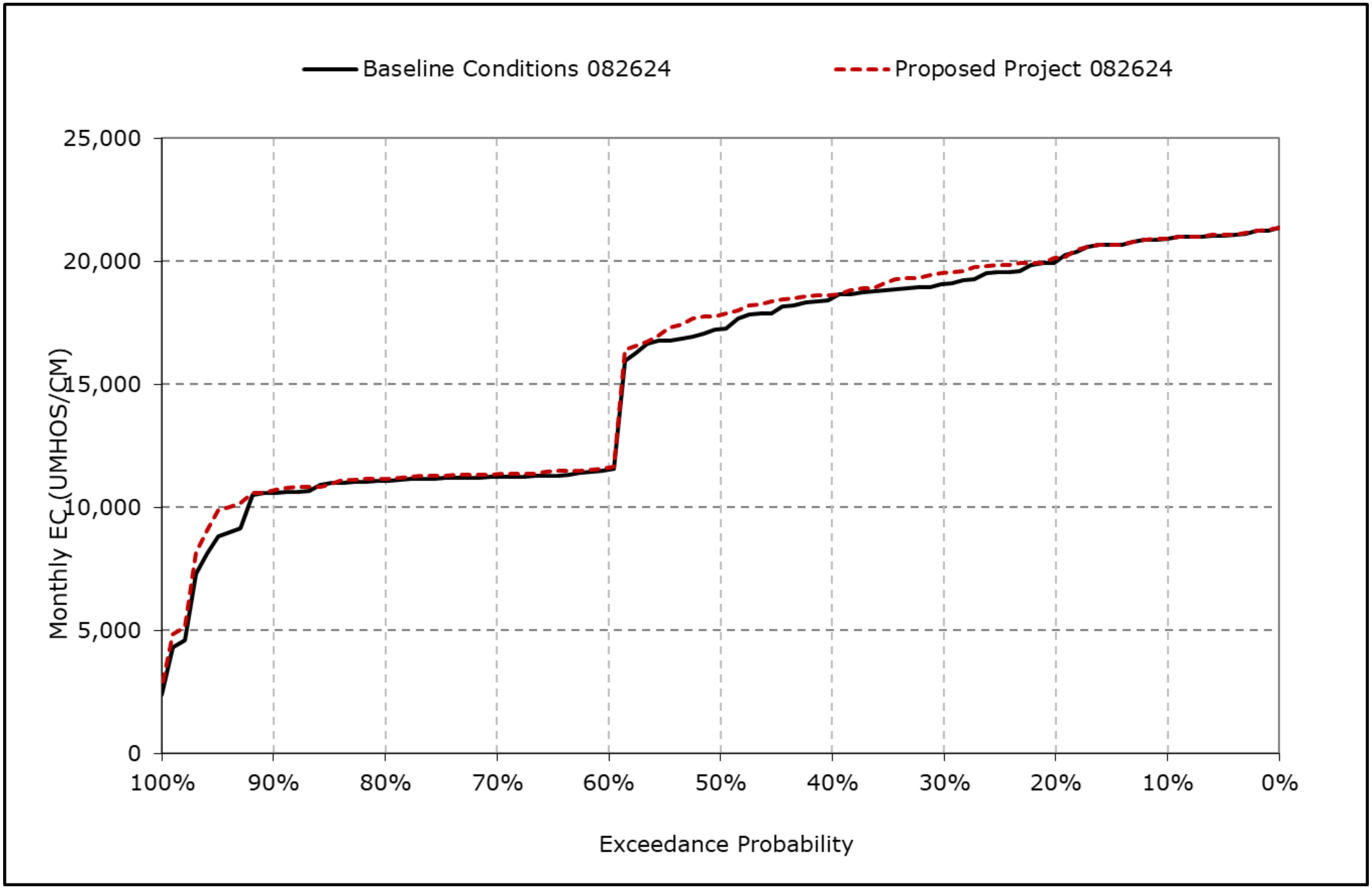
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-10q. Sacramento River at Port Chicago Salinity, August EC



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

Figure 4B-6-10r. Sacramento River at Port Chicago Salinity, September EC



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

Table 4B-6-11-1a. San Joaquin River at Antioch Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,779	6,466	5,103	3,279	1,314	864	952	1,508	2,941	3,945	4,669	6,248
20% Exceedance	6,018	5,875	4,535	2,464	799	470	593	888	1,568	2,999	4,227	5,859
30% Exceedance	5,655	5,475	4,007	1,925	618	300	416	729	1,421	2,543	3,941	5,437
40% Exceedance	5,399	5,256	3,512	1,035	396	260	292	434	1,279	2,241	3,565	4,985
50% Exceedance	4,593	3,992	2,751	790	264	238	256	302	963	1,738	3,093	4,365
60% Exceedance	1,228	2,873	1,798	538	252	228	233	257	642	1,242	2,163	1,560
70% Exceedance	1,057	2,694	1,125	306	232	221	221	228	327	974	1,910	1,398
80% Exceedance	1,030	2,226	851	226	221	216	213	205	216	732	1,731	1,315
90% Exceedance	905	1,137	458	209	207	207	192	183	181	475	1,326	1,157
Full Simulation Period Average[a]	3,676	3,972	2,717	1,331	587	408	455	656	1,178	1,916	2,950	3,665
Wet Water Years (32%)	3,220	3,160	1,366	401	230	211	207	217	334	647	1,445	1,151
Above Normal Years (9%)	3,368	3,560	2,268	591	248	231	232	261	522	948	1,903	1,272
Below Normal Years (20%)	3,323	3,906	3,247	1,367	440	264	293	384	1,047	1,835	3,157	4,493
Dry Water Years (21%)	3,558	4,134	3,206	1,908	772	458	511	675	1,357	2,725	3,984	5,517
Critical Water Years (18%)	5,168	5,505	4,183	2,641	1,337	947	1,122	1,912	2,940	3,804	4,711	6,252

Table 4B-6-11-1b. San Joaquin River at Antioch Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

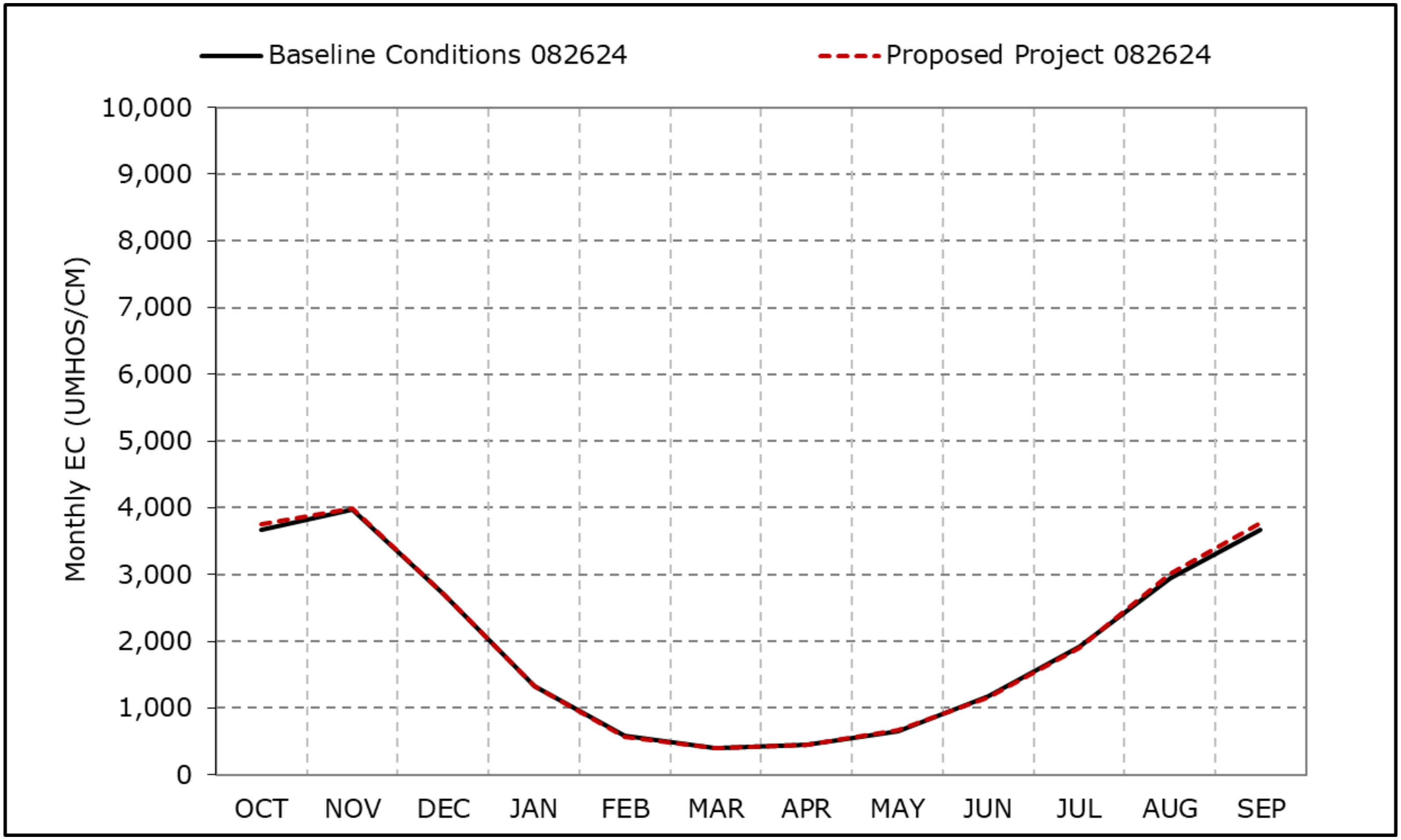
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,780	6,485	5,120	3,193	1,400	729	987	1,593	3,056	3,961	4,620	6,223
20% Exceedance	6,150	5,865	4,541	2,472	840	426	585	868	1,533	2,943	4,369	5,950
30% Exceedance	5,682	5,488	4,003	1,928	606	297	408	710	1,383	2,512	4,097	5,598
40% Exceedance	5,478	5,278	3,510	1,031	375	262	294	456	1,194	2,059	3,364	5,098
50% Exceedance	4,982	4,112	2,774	798	263	240	253	319	895	1,722	2,988	4,658
60% Exceedance	1,246	2,857	1,792	527	253	229	233	267	617	1,260	2,306	1,643
70% Exceedance	1,089	2,666	1,077	310	232	222	222	229	300	919	2,017	1,504
80% Exceedance	1,032	2,242	832	226	220	215	213	204	210	699	1,898	1,433
90% Exceedance	922	1,164	463	209	207	207	192	183	180	469	1,652	1,216
Full Simulation Period Average[a]	3,758	3,988	2,711	1,328	574	394	445	669	1,158	1,896	3,009	3,780
Wet Water Years (32%)	3,313	3,170	1,339	384	229	211	209	231	316	636	1,578	1,262
Above Normal Years (9%)	3,384	3,535	2,296	607	249	232	230	274	492	923	2,036	1,321
Below Normal Years (20%)	3,412	3,937	3,237	1,350	434	260	284	395	998	1,757	3,004	4,709
Dry Water Years (21%)	3,586	4,171	3,208	1,920	762	424	461	648	1,307	2,714	4,141	5,665
Critical Water Years (18%)	5,319	5,510	4,196	2,653	1,284	916	1,135	1,970	2,992	3,824	4,723	6,253

Table 4B-6-11-1c. San Joaquin River at Antioch Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1	19	17	-87	86	-135	34	85	115	16	-48	-26
20% Exceedance	132	-9	6	8	41	-43	-8	-20	-35	-56	142	91
30% Exceedance	27	13	-4	3	-13	-3	-8	-19	-37	-31	156	161
40% Exceedance	79	22	-2	-4	-21	2	2	22	-85	-182	-201	113
50% Exceedance	389	120	23	8	-2	2	-3	17	-68	-16	-105	294
60% Exceedance	18	-15	-6	-11	1	1	-1	10	-25	18	143	83
70% Exceedance	31	-28	-48	4	0	0	1	0	-27	-55	108	106
80% Exceedance	2	16	-19	0	-1	-1	0	-1	-6	-34	168	117
90% Exceedance	17	27	5	0	0	0	0	0	-1	-7	326	59
Full Simulation Period Average[a]	82	16	-5	-3	-13	-13	-10	13	-19	-20	59	114
Wet Water Years (32%)	93	10	-27	-17	-2	0	2	14	-18	-10	133	111
Above Normal Years (9%)	17	-25	28	15	2	1	-2	13	-30	-25	133	49
Below Normal Years (20%)	89	31	-10	-17	-6	-3	-10	11	-49	-78	-154	216
Dry Water Years (21%)	28	37	2	12	-11	-35	-50	-27	-50	-11	156	148
Critical Water Years (18%)	151	5	13	12	-53	-31	13	59	53	20	13	1

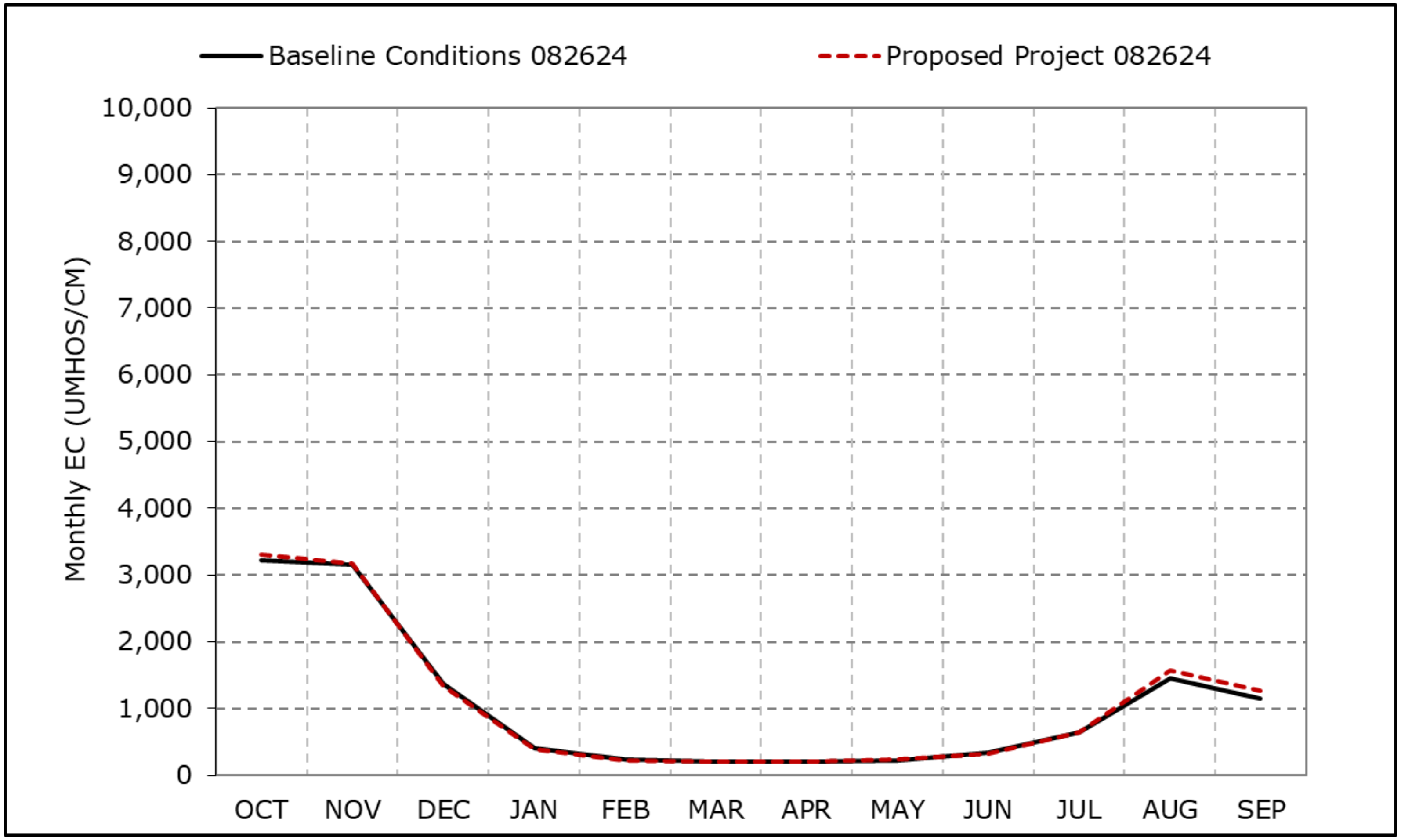
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-11a. San Joaquin River at Antioch Salinity, Long-Term Average EC



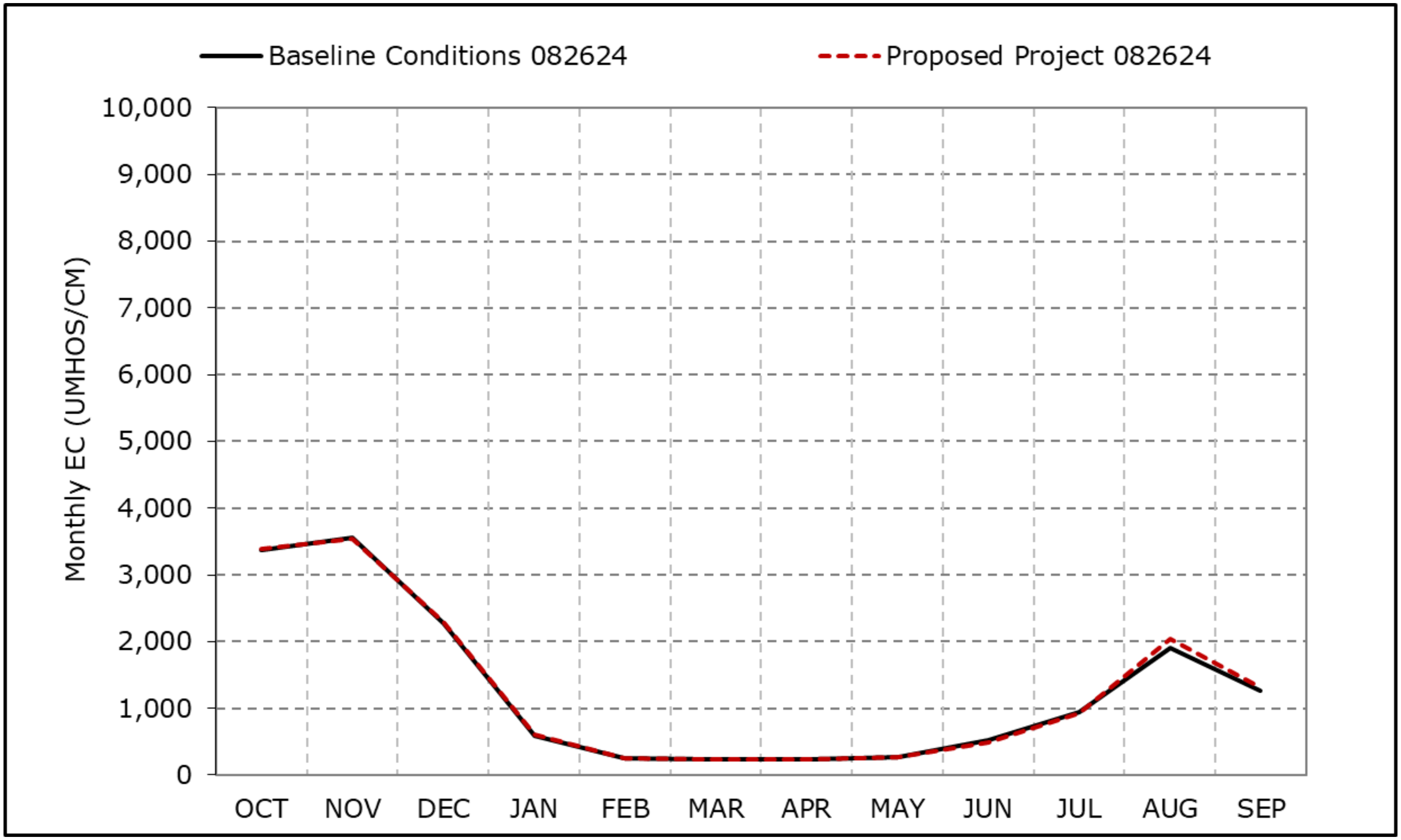
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11b. San Joaquin River at Antioch Salinity, Wet Year Average EC



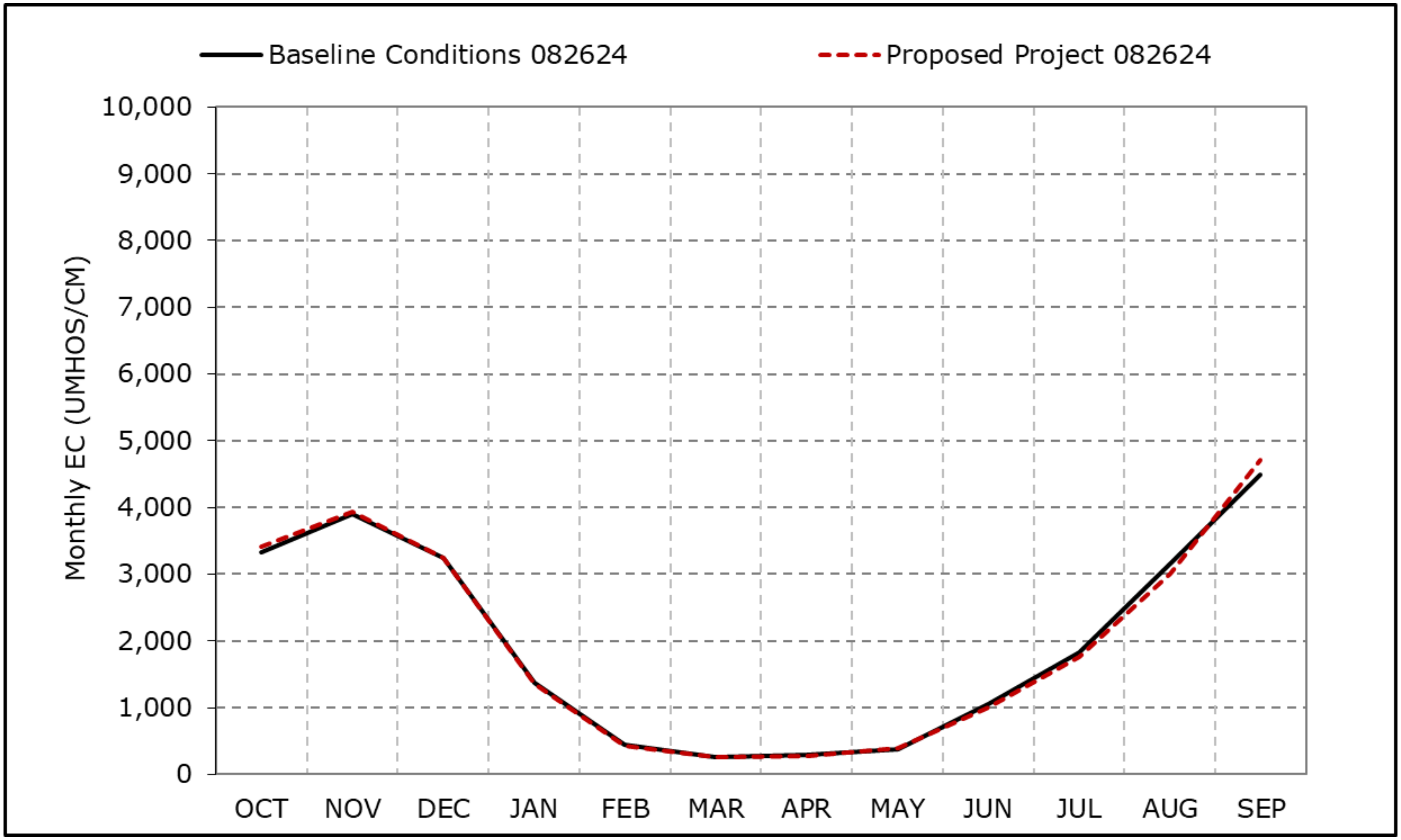
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11c. San Joaquin River at Antioch Salinity, Above Normal Year Average EC



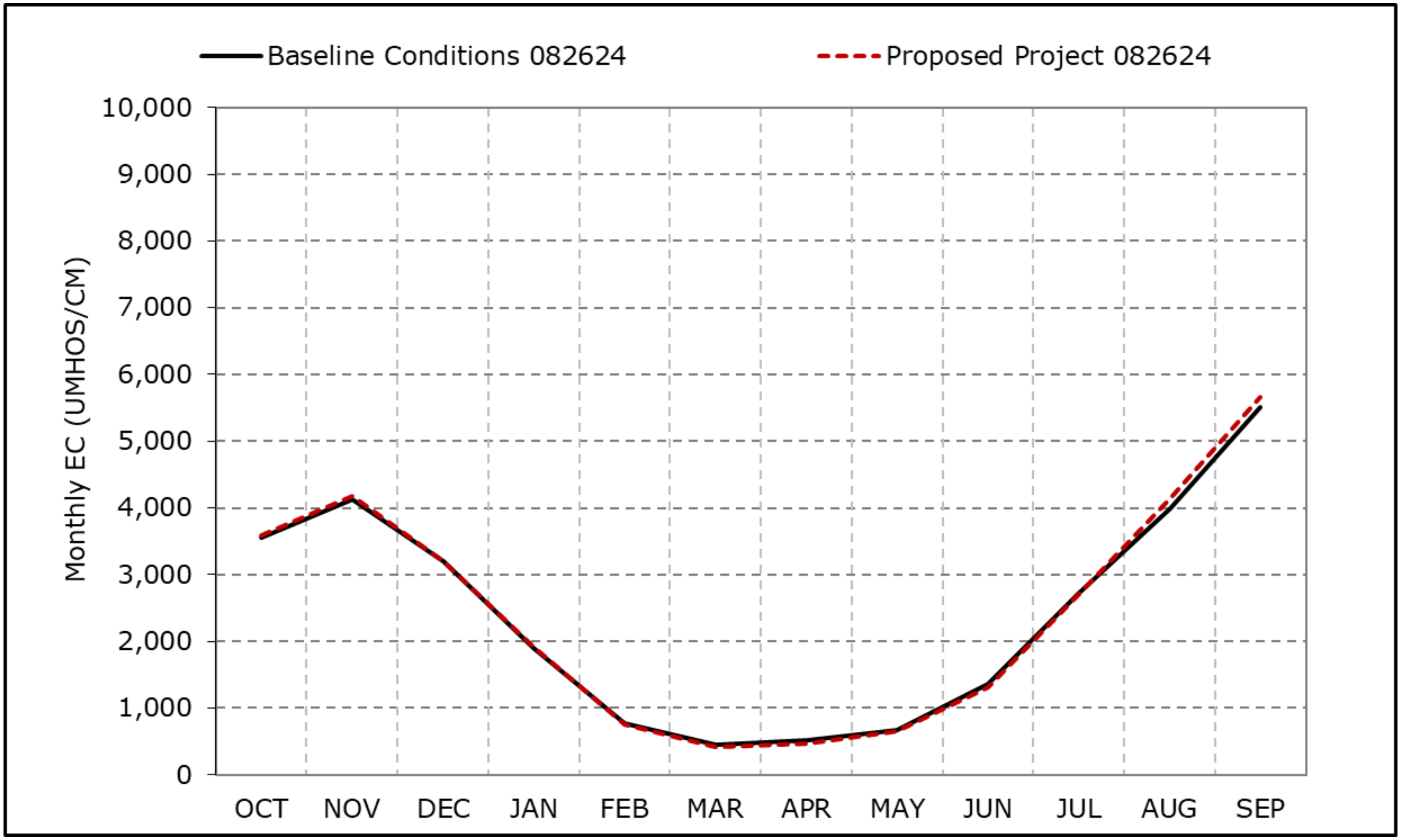
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11d. San Joaquin River at Antioch Salinity, Below Normal Year Average EC



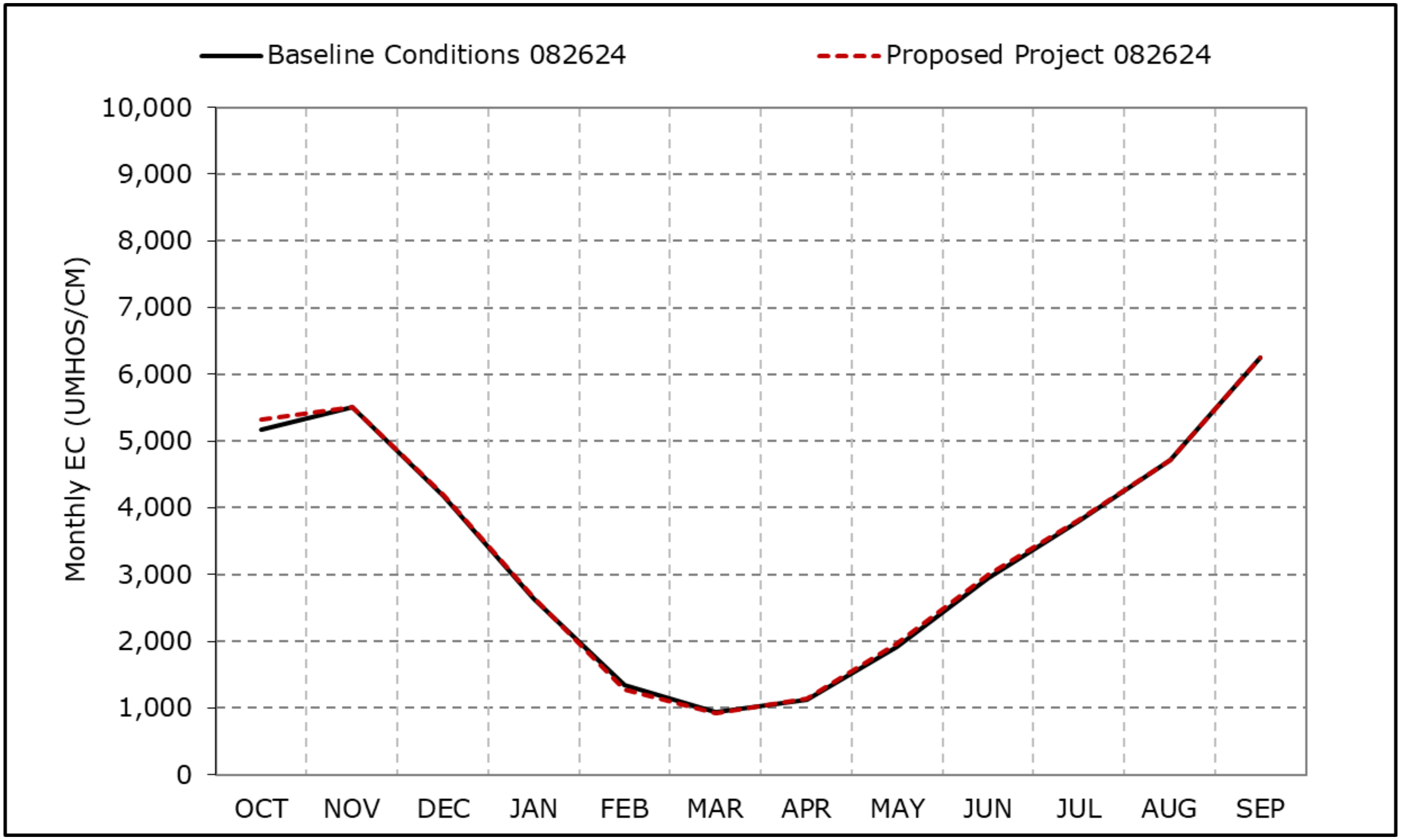
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11e. San Joaquin River at Antioch Salinity, Dry Year Average EC



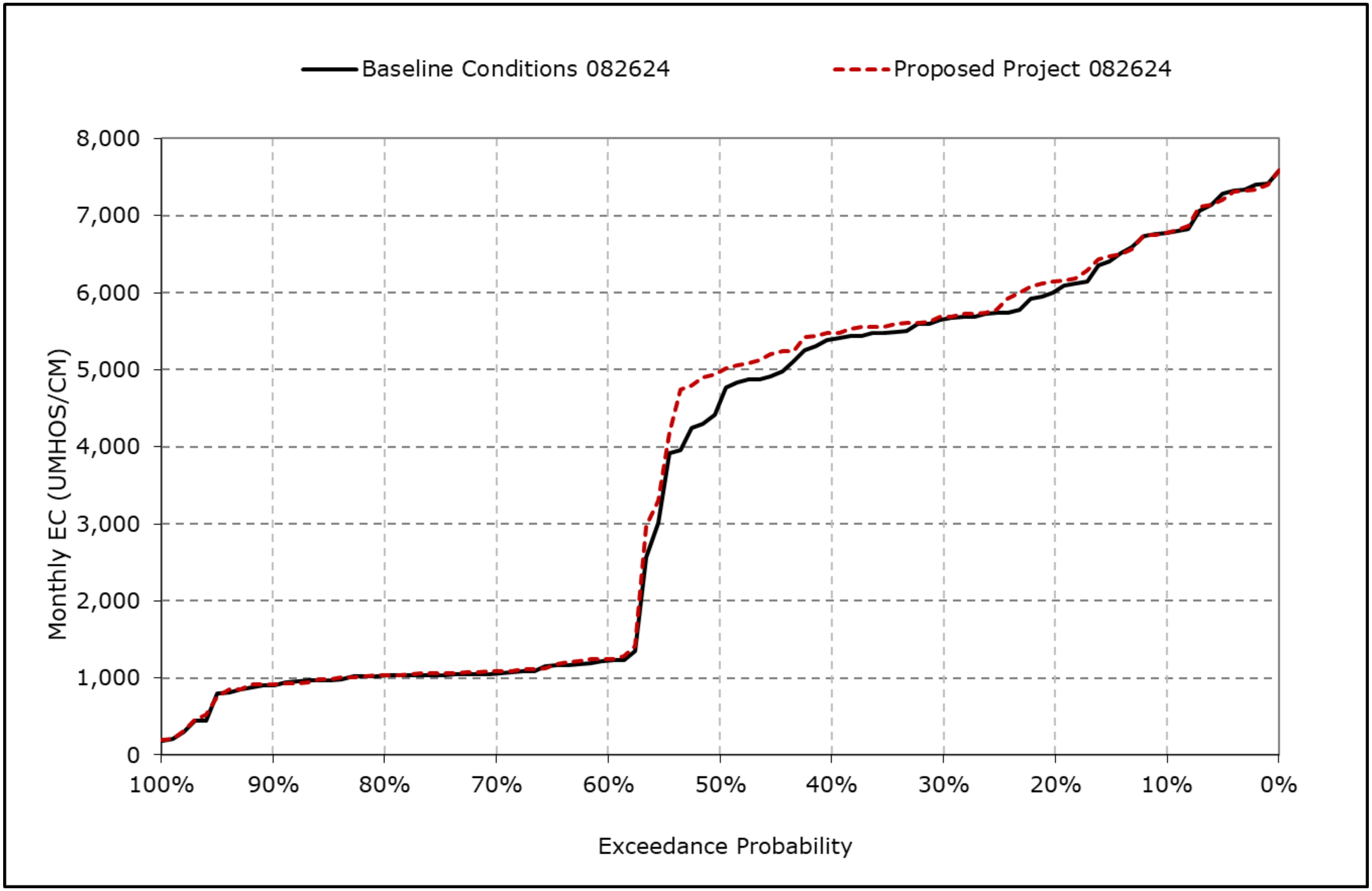
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11f. San Joaquin River at Antioch Salinity, Critical Year Average EC



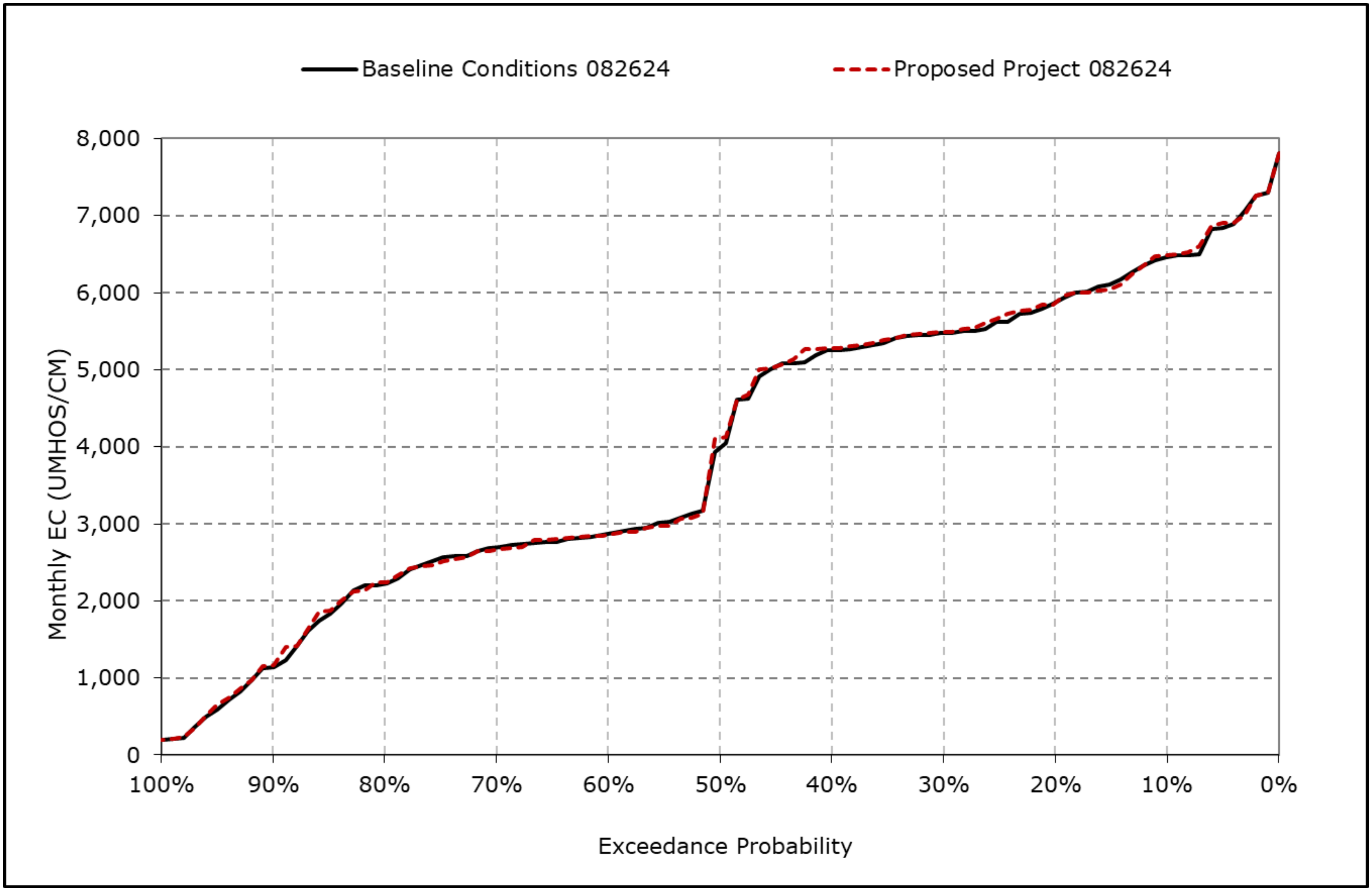
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11g. San Joaquin River at Antioch Salinity, October EC



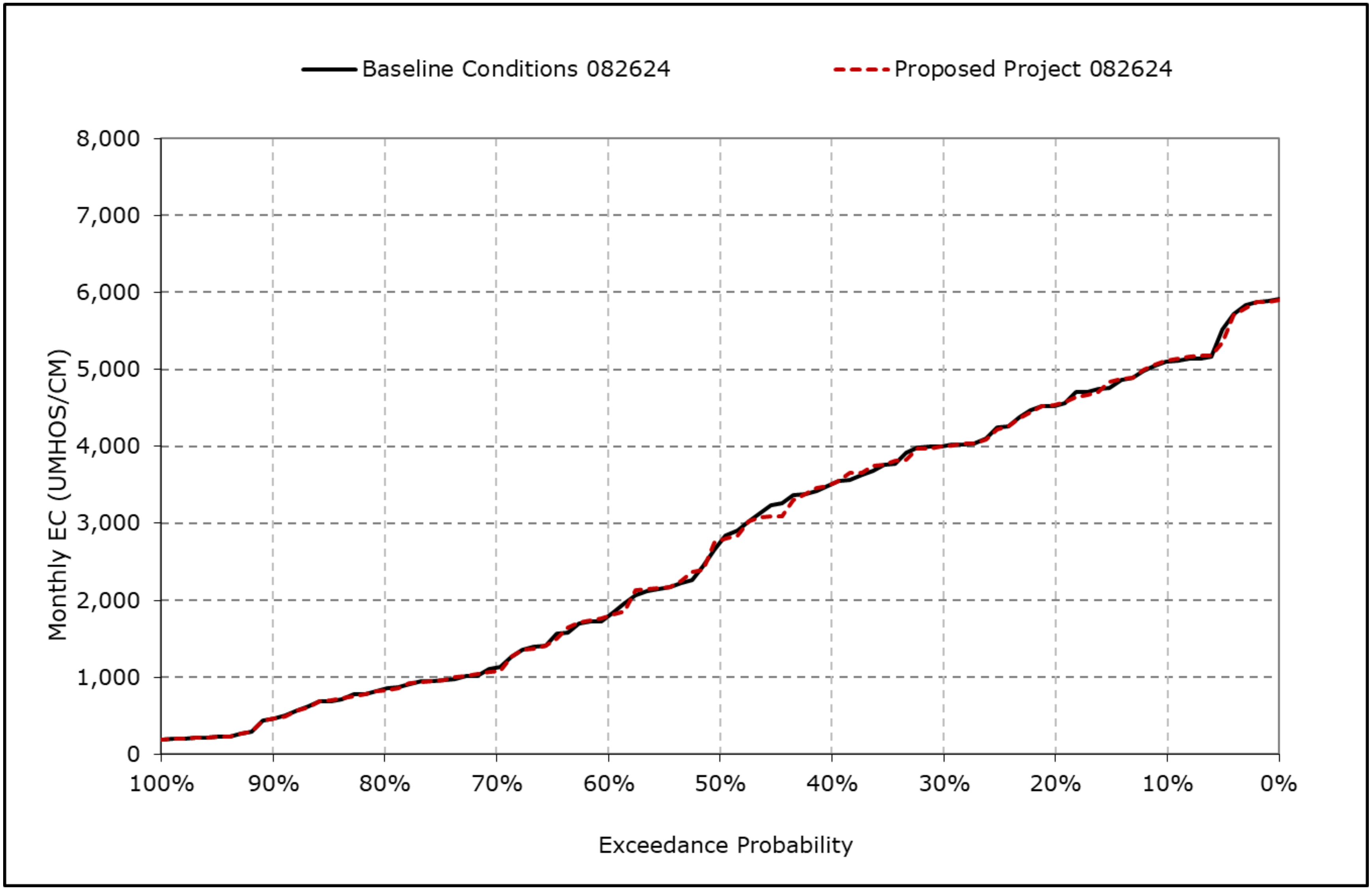
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11h. San Joaquin River at Antioch Salinity, November EC



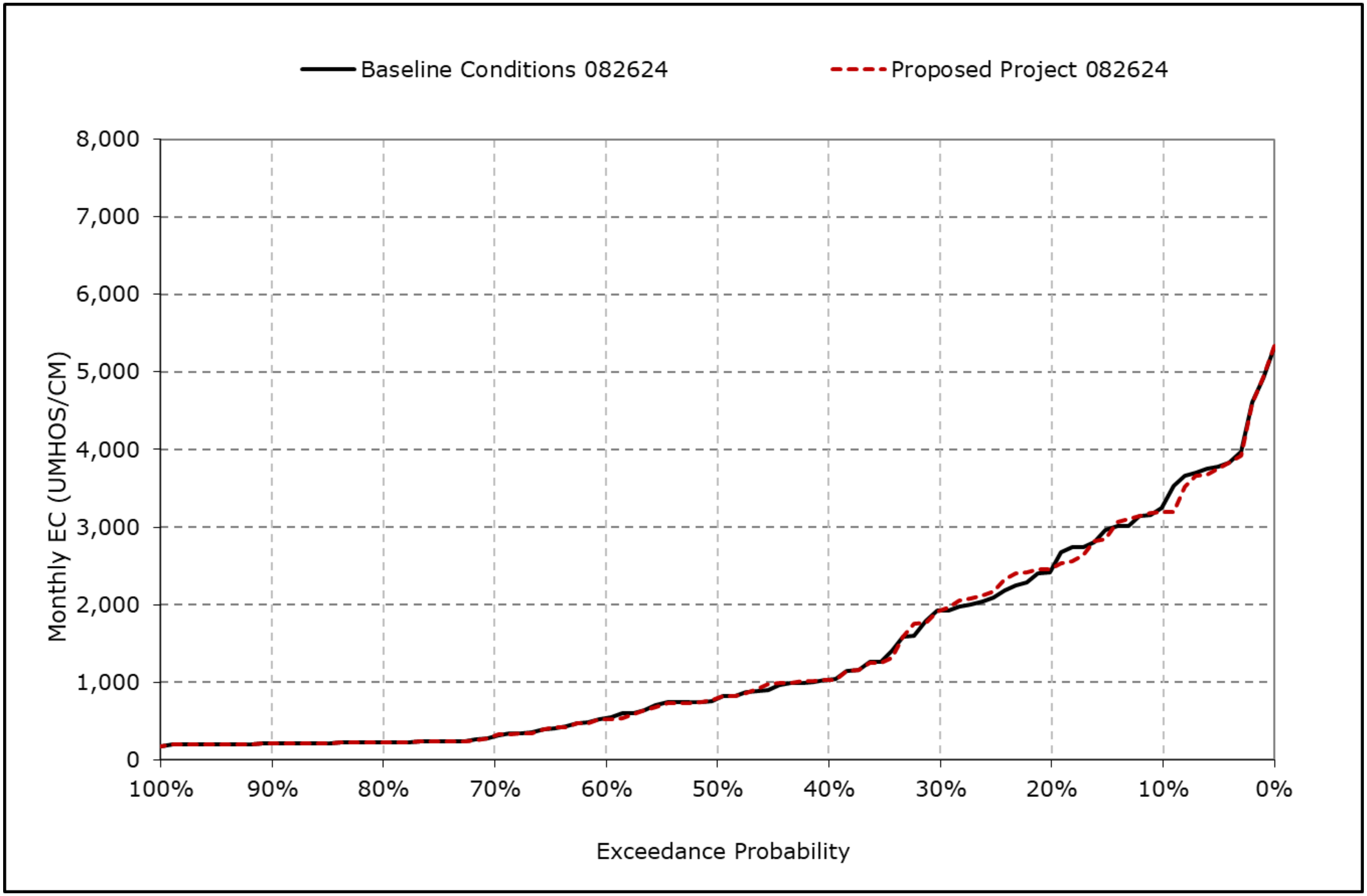
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11i. San Joaquin River at Antioch Salinity, December EC



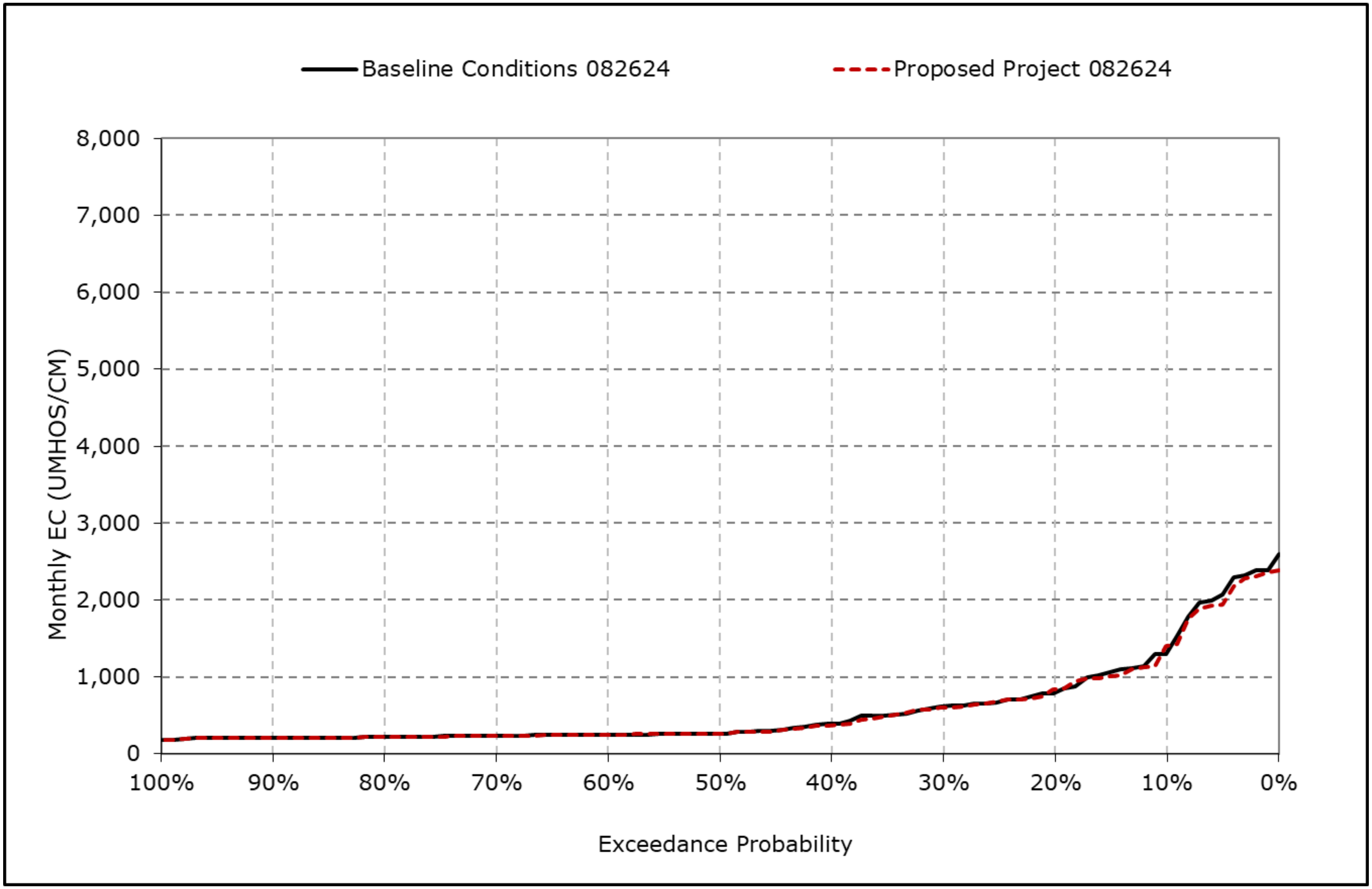
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11j. San Joaquin River at Antioch Salinity, January EC



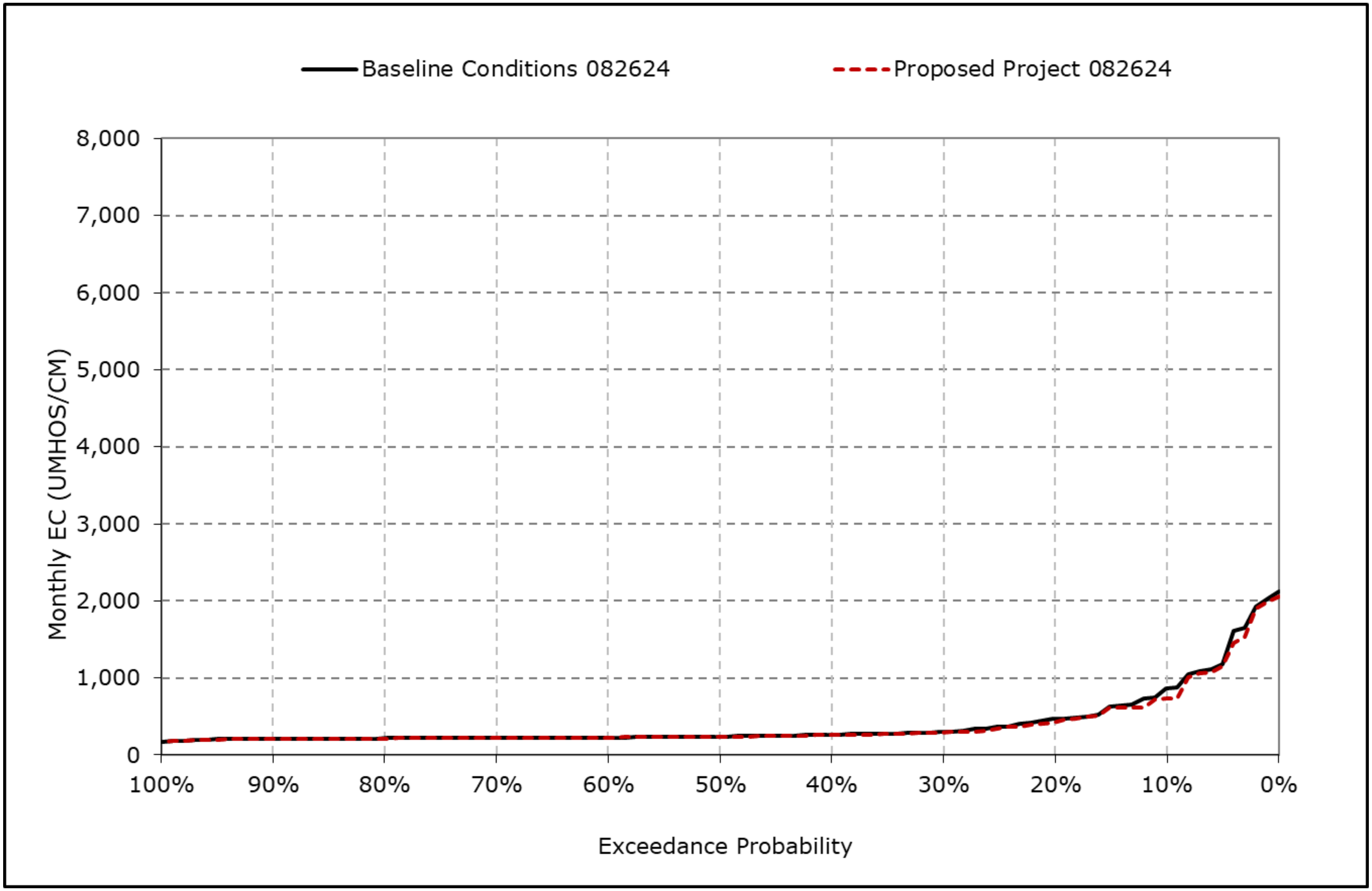
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11k. San Joaquin River at Antioch Salinity, February EC



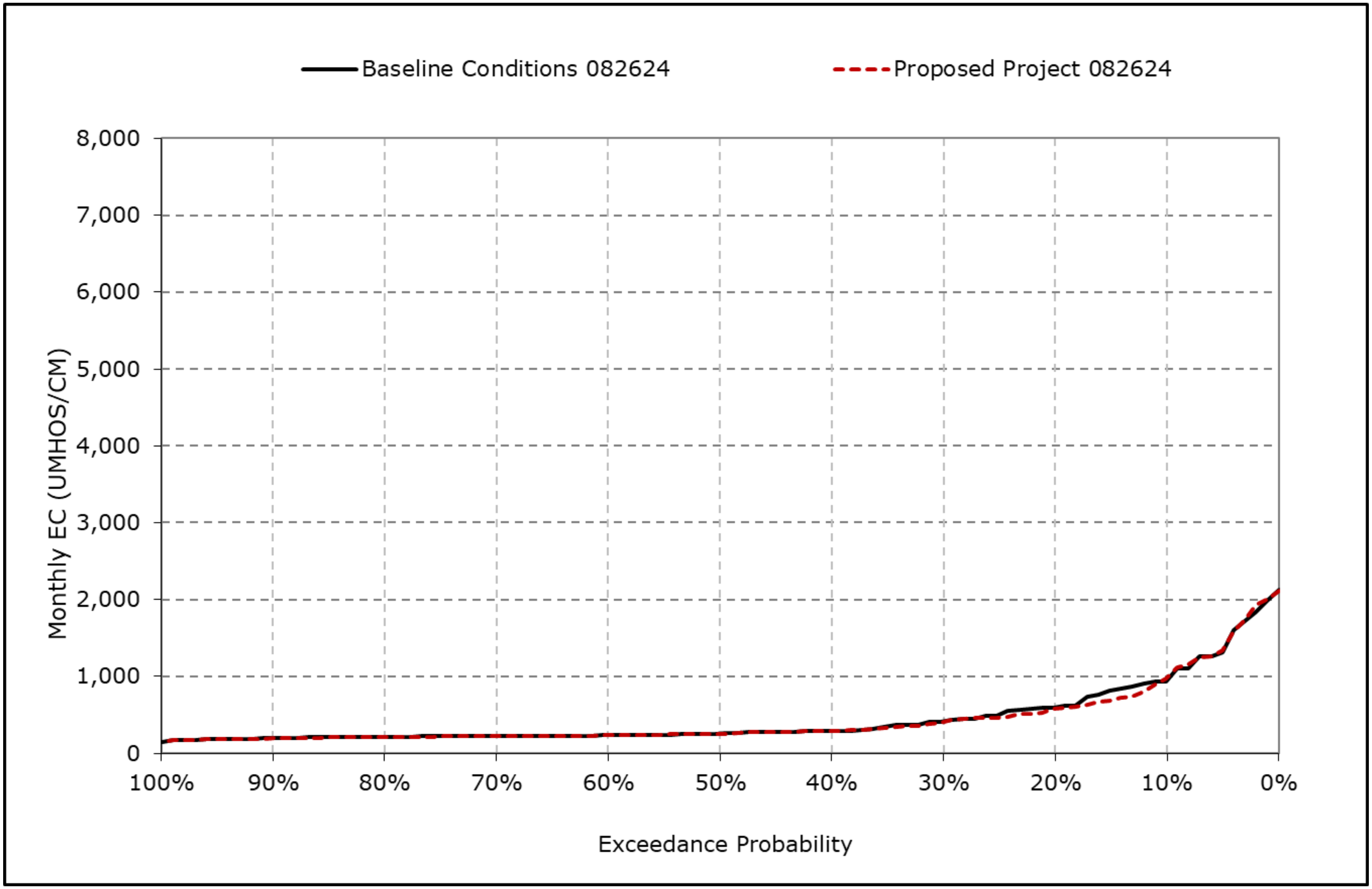
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11l. San Joaquin River at Antioch Salinity, March EC



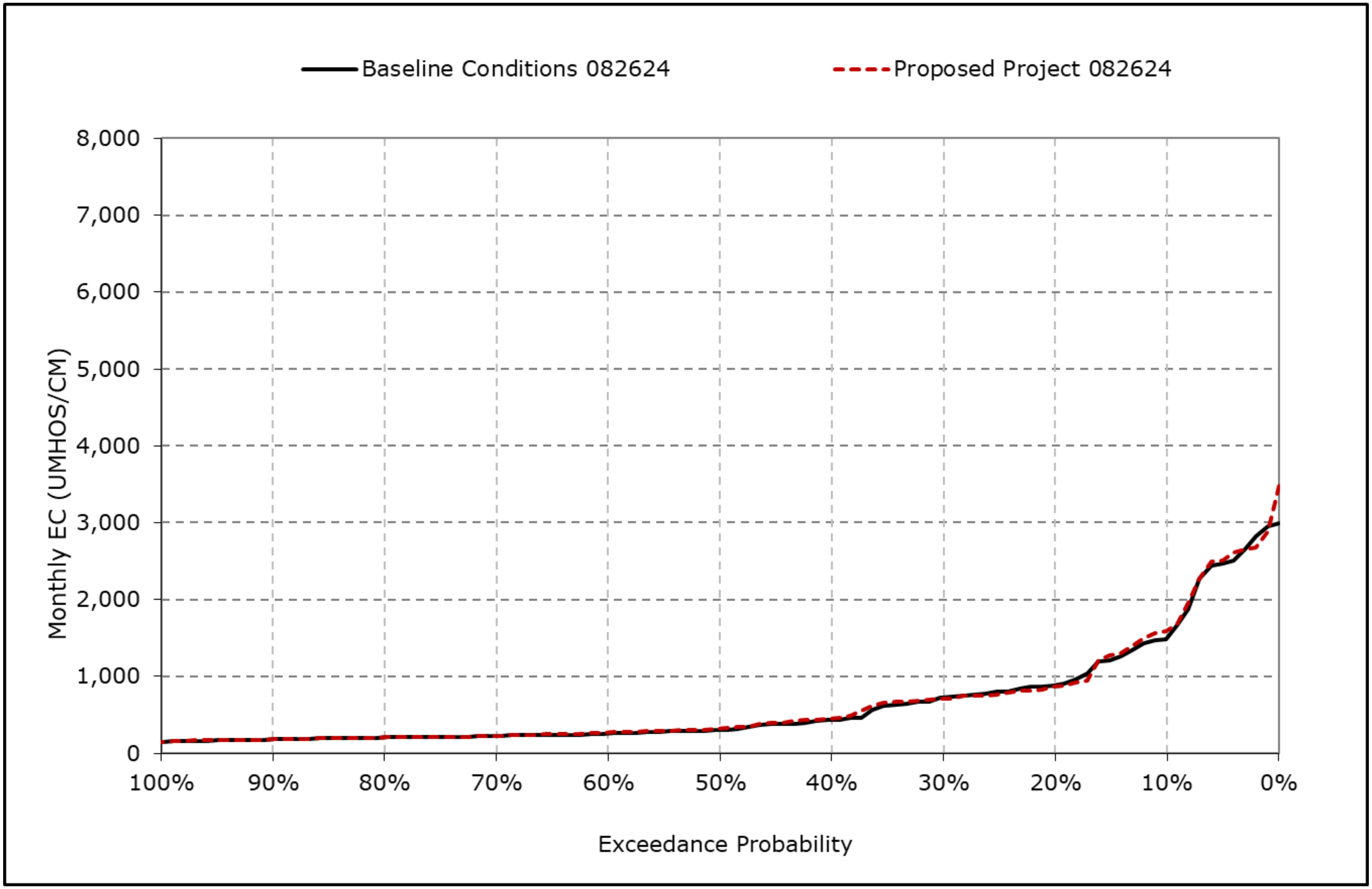
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11m. San Joaquin River at Antioch Salinity, April EC



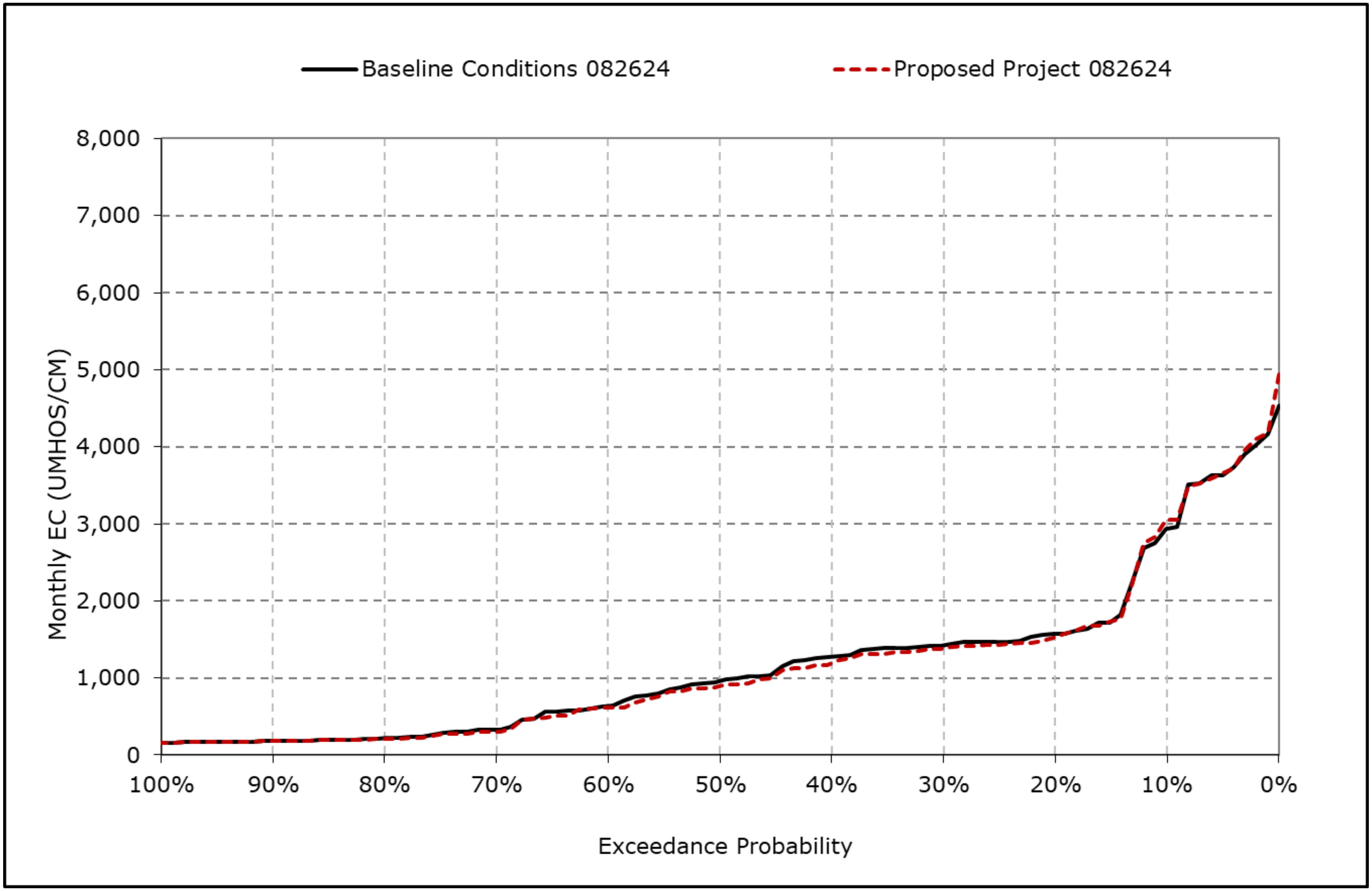
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11n. San Joaquin River at Antioch Salinity, May EC



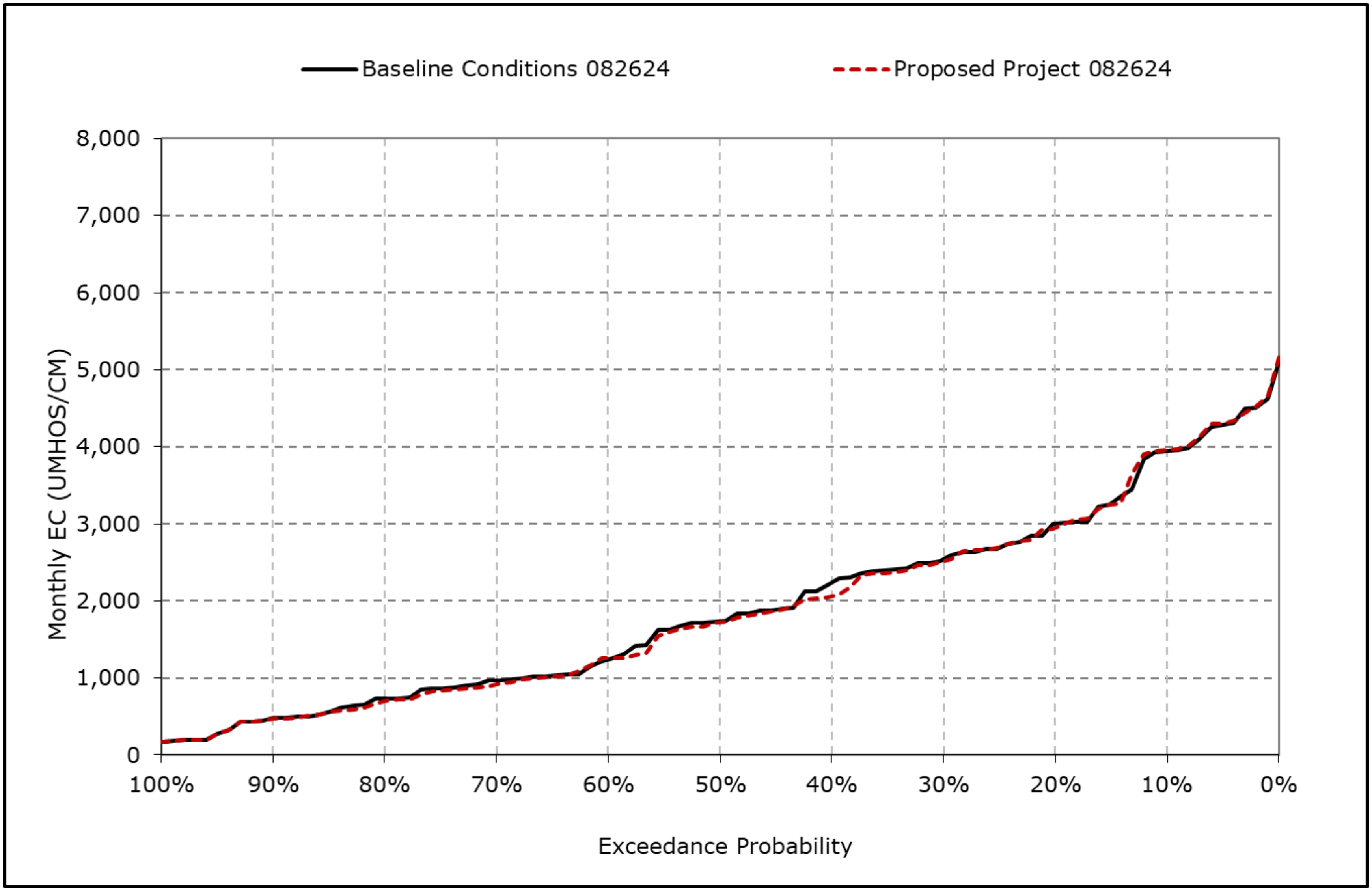
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11o. San Joaquin River at Antioch Salinity, June EC



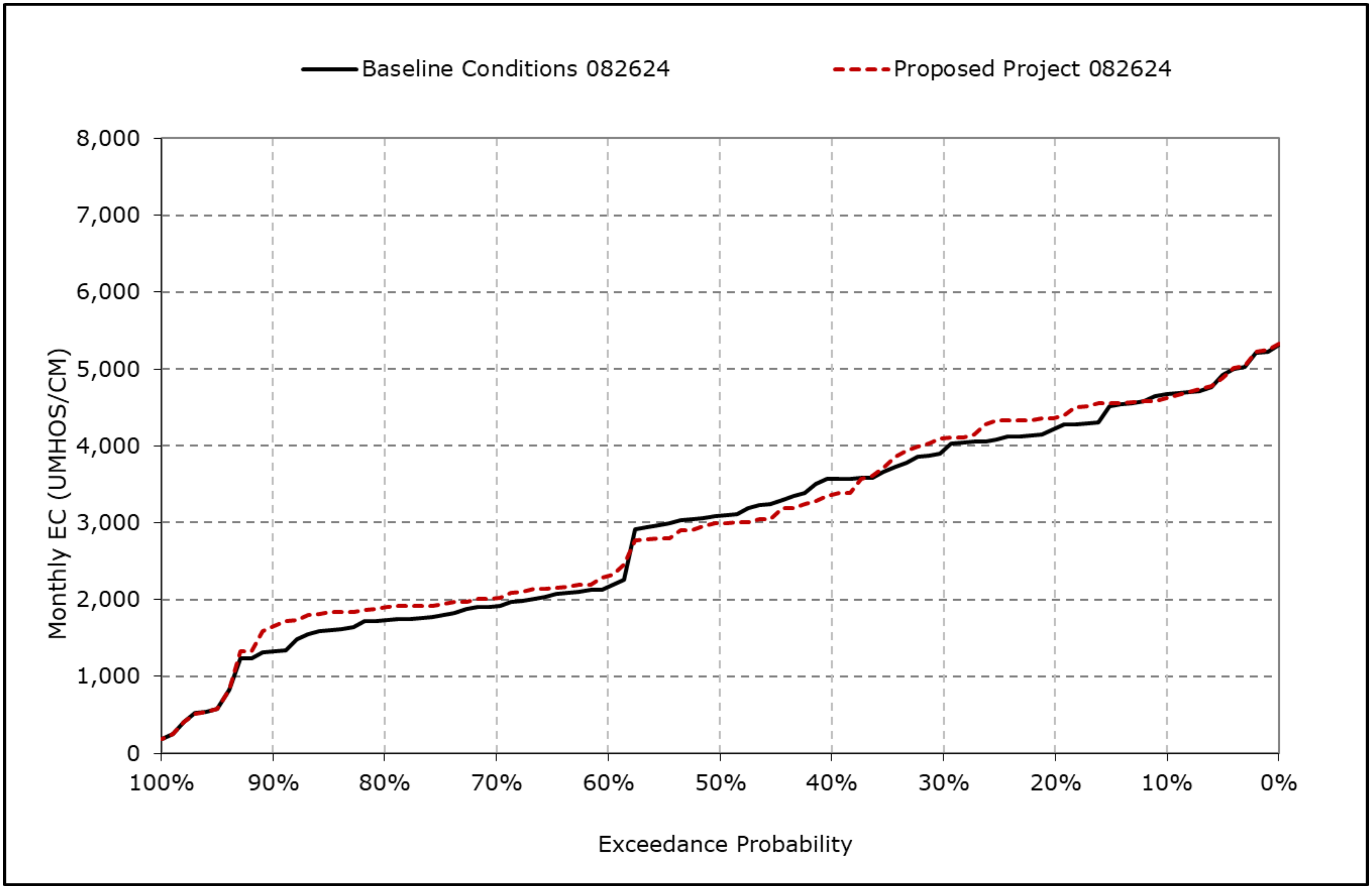
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11p. San Joaquin River at Antioch Salinity, July EC



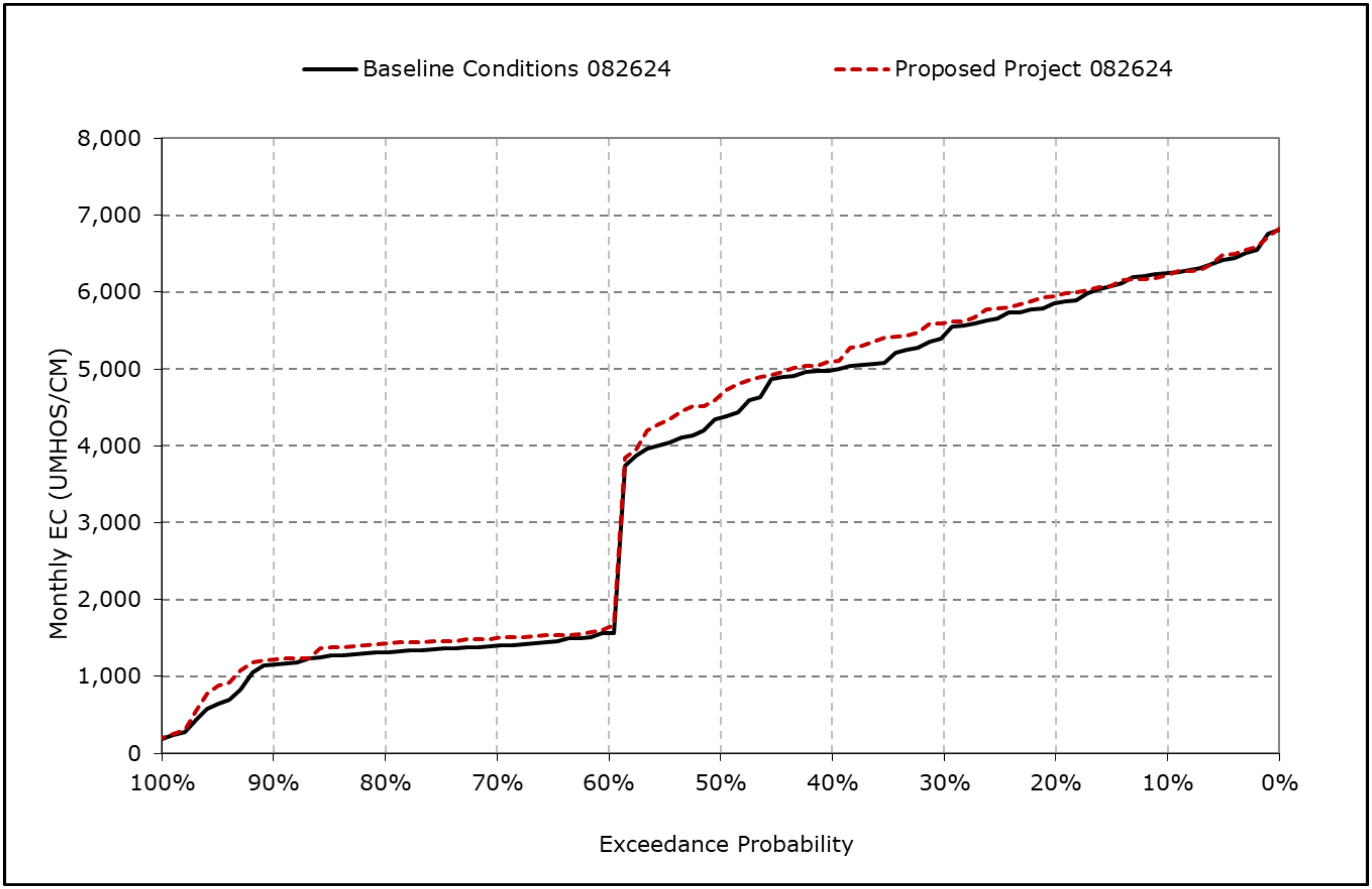
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-11q. San Joaquin River at Antioch Salinity, August EC



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

Figure 4B-6-11r. San Joaquin River at Antioch Salinity, September EC



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

Table 4B-6-12-1a. San Joaquin River at Jersey Point Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,982	2,080	1,818	1,203	661	342	317	391	688	1,178	1,396	1,846
20% Exceedance	1,800	1,827	1,719	1,023	461	280	277	295	403	967	1,248	1,748
30% Exceedance	1,669	1,735	1,650	817	359	260	255	282	372	762	1,178	1,691
40% Exceedance	1,592	1,649	1,590	641	287	246	246	264	344	679	1,058	1,665
50% Exceedance	1,433	1,529	1,315	487	269	234	239	246	284	595	936	1,502
60% Exceedance	416	1,066	911	349	246	225	230	231	244	421	797	707
70% Exceedance	336	965	737	272	227	222	223	221	212	350	668	565
80% Exceedance	301	737	542	224	213	211	217	201	200	253	551	484
90% Exceedance	263	483	348	210	207	207	190	179	174	203	376	373
Full Simulation Period Average[a]	1,135	1,325	1,170	625	349	262	254	279	359	615	908	1,189
Wet Water Years (32%)	1,038	1,157	749	300	222	209	202	194	199	265	489	452
Above Normal Years (9%)	1,038	1,251	1,106	428	245	232	238	227	234	333	612	485
Below Normal Years (20%)	1,036	1,278	1,340	678	313	242	248	253	315	655	1,119	1,710
Dry Water Years (21%)	1,060	1,336	1,341	823	421	277	258	275	361	886	1,167	1,628
Critical Water Years (18%)	1,556	1,699	1,564	1,012	584	380	353	490	753	1,021	1,261	1,758

Table 4B-6-12-1b. San Joaquin River at Jersey Point Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

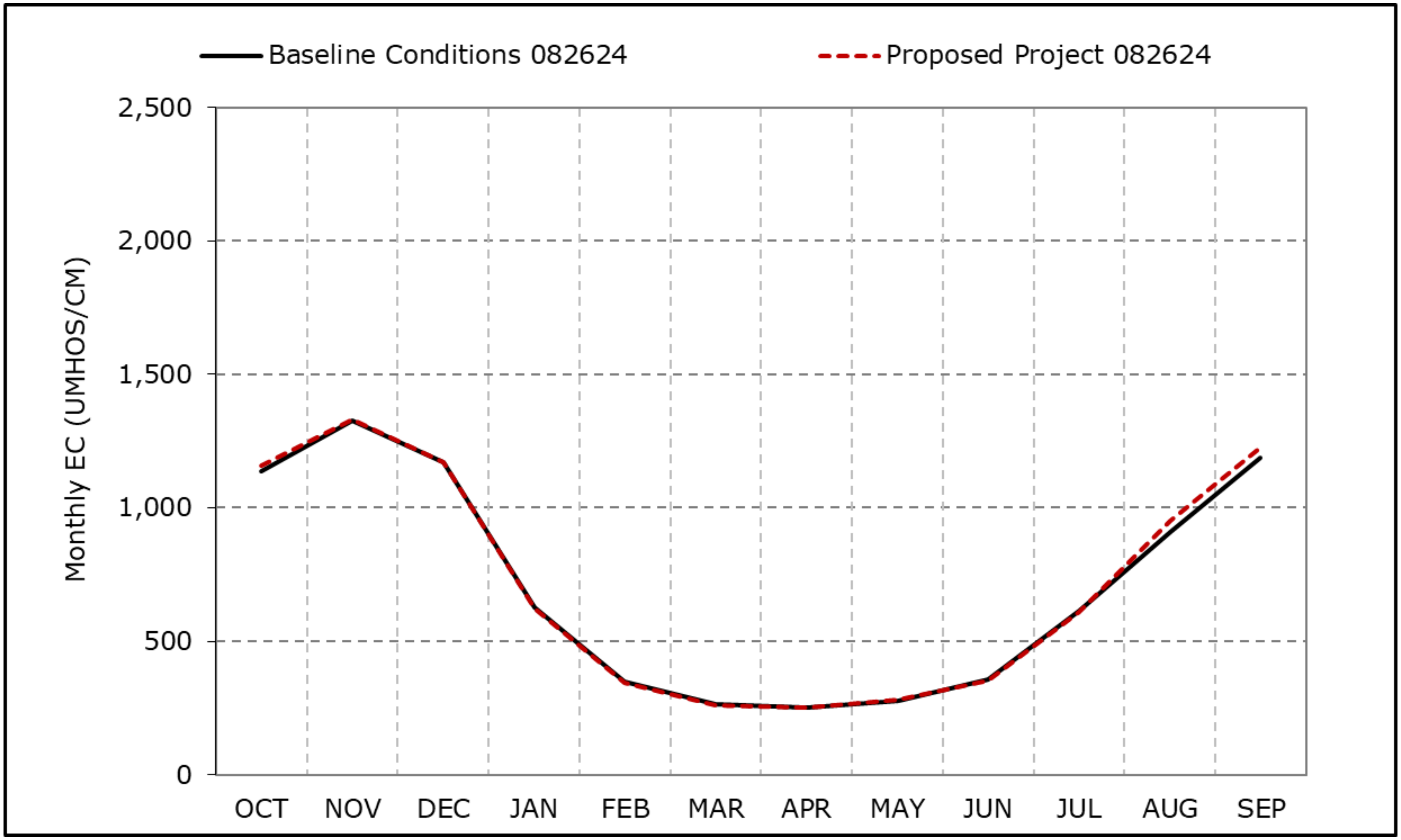
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,981	2,086	1,850	1,207	630	333	322	409	726	1,169	1,439	1,832
20% Exceedance	1,812	1,818	1,706	1,018	454	275	268	287	379	975	1,252	1,758
30% Exceedance	1,707	1,752	1,631	838	353	261	257	280	351	744	1,187	1,705
40% Exceedance	1,622	1,678	1,573	642	291	247	247	262	324	678	1,134	1,668
50% Exceedance	1,525	1,554	1,272	490	268	236	239	248	271	578	974	1,579
60% Exceedance	438	1,022	934	348	247	226	231	228	239	413	853	801
70% Exceedance	352	971	738	270	228	223	223	218	212	340	730	644
80% Exceedance	312	751	525	224	215	211	213	199	200	249	628	557
90% Exceedance	278	494	351	210	208	206	189	179	174	203	459	425
Full Simulation Period Average[a]	1,156	1,332	1,170	623	344	260	253	280	354	611	951	1,227
Wet Water Years (32%)	1,065	1,166	743	295	221	209	202	194	196	262	545	524
Above Normal Years (9%)	1,053	1,235	1,126	435	247	233	236	224	227	340	701	540
Below Normal Years (20%)	1,052	1,288	1,338	670	311	244	248	249	298	629	1,110	1,698
Dry Water Years (21%)	1,064	1,355	1,335	816	415	271	254	271	345	890	1,257	1,688
Critical Water Years (18%)	1,595	1,699	1,573	1,025	567	370	354	504	773	1,022	1,266	1,759

Table 4B-6-12-1c. San Joaquin River at Jersey Point Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-2	6	32	3	-32	-8	5	18	38	-10	43	-14
20% Exceedance	12	-9	-14	-5	-7	-4	-9	-7	-24	8	3	9
30% Exceedance	38	17	-19	21	-5	0	1	-2	-22	-18	8	14
40% Exceedance	30	29	-18	2	5	2	2	-2	-21	0	76	3
50% Exceedance	92	26	-43	4	-1	2	-1	2	-13	-18	38	77
60% Exceedance	22	-44	23	-1	0	1	0	-4	-4	-8	56	94
70% Exceedance	16	6	1	-1	1	1	0	-2	0	-10	62	79
80% Exceedance	11	14	-17	0	1	0	-4	-2	-1	-5	77	73
90% Exceedance	15	11	3	0	1	-1	0	0	0	0	83	52
Full Simulation Period Average[a]	21	7	0	-2	-5	-2	-1	1	-5	-5	44	38
Wet Water Years (32%)	27	9	-5	-5	0	0	-1	0	-3	-3	55	73
Above Normal Years (9%)	15	-16	20	7	2	2	-2	-3	-6	7	88	55
Below Normal Years (20%)	16	10	-2	-9	-2	2	0	-4	-17	-26	-9	-12
Dry Water Years (21%)	4	19	-6	-7	-6	-6	-4	-4	-16	4	90	60
Critical Water Years (18%)	39	-1	9	12	-18	-10	1	14	20	1	5	0

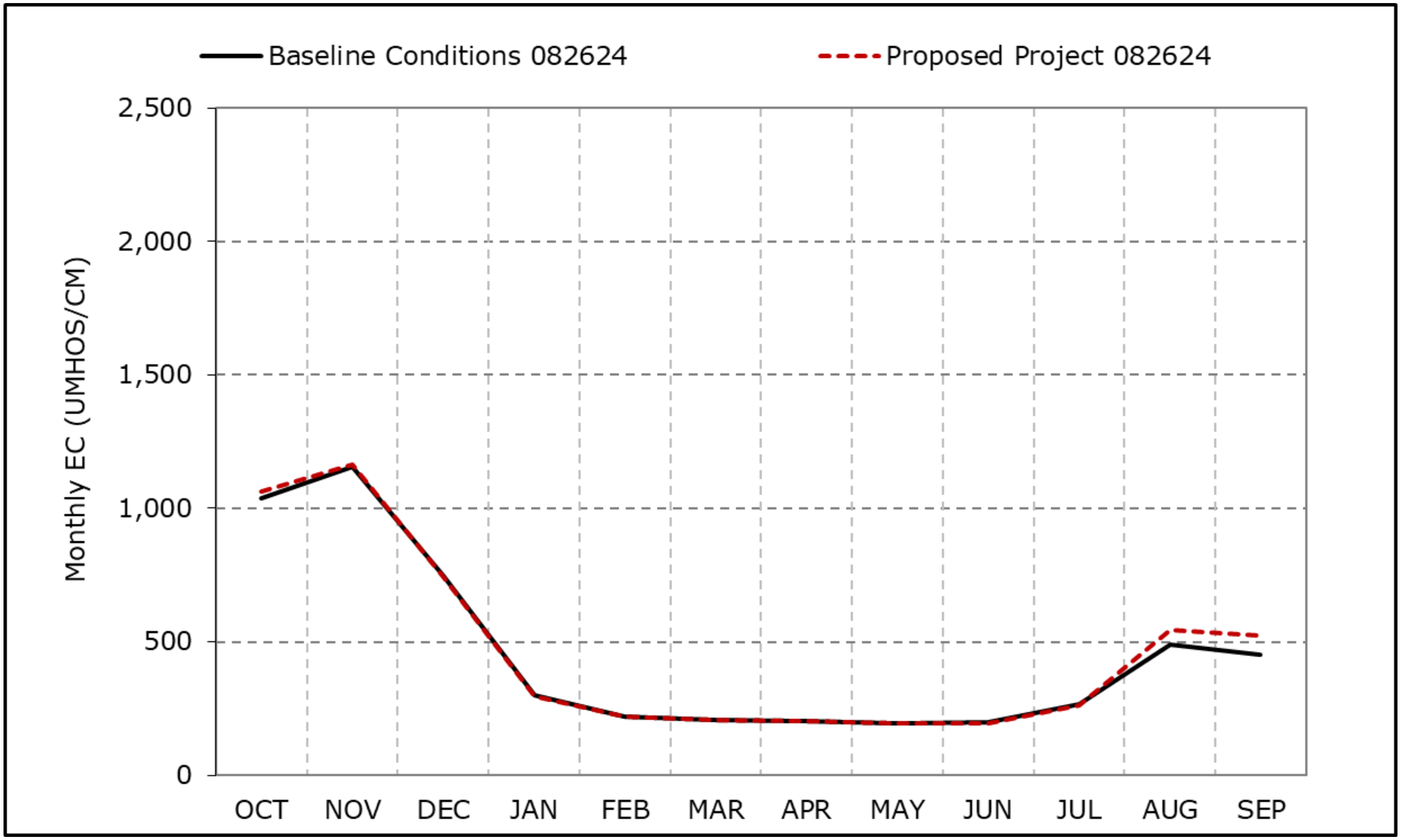
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-12a. San Joaquin River at Jersey Point Salinity, Long-Term Average EC



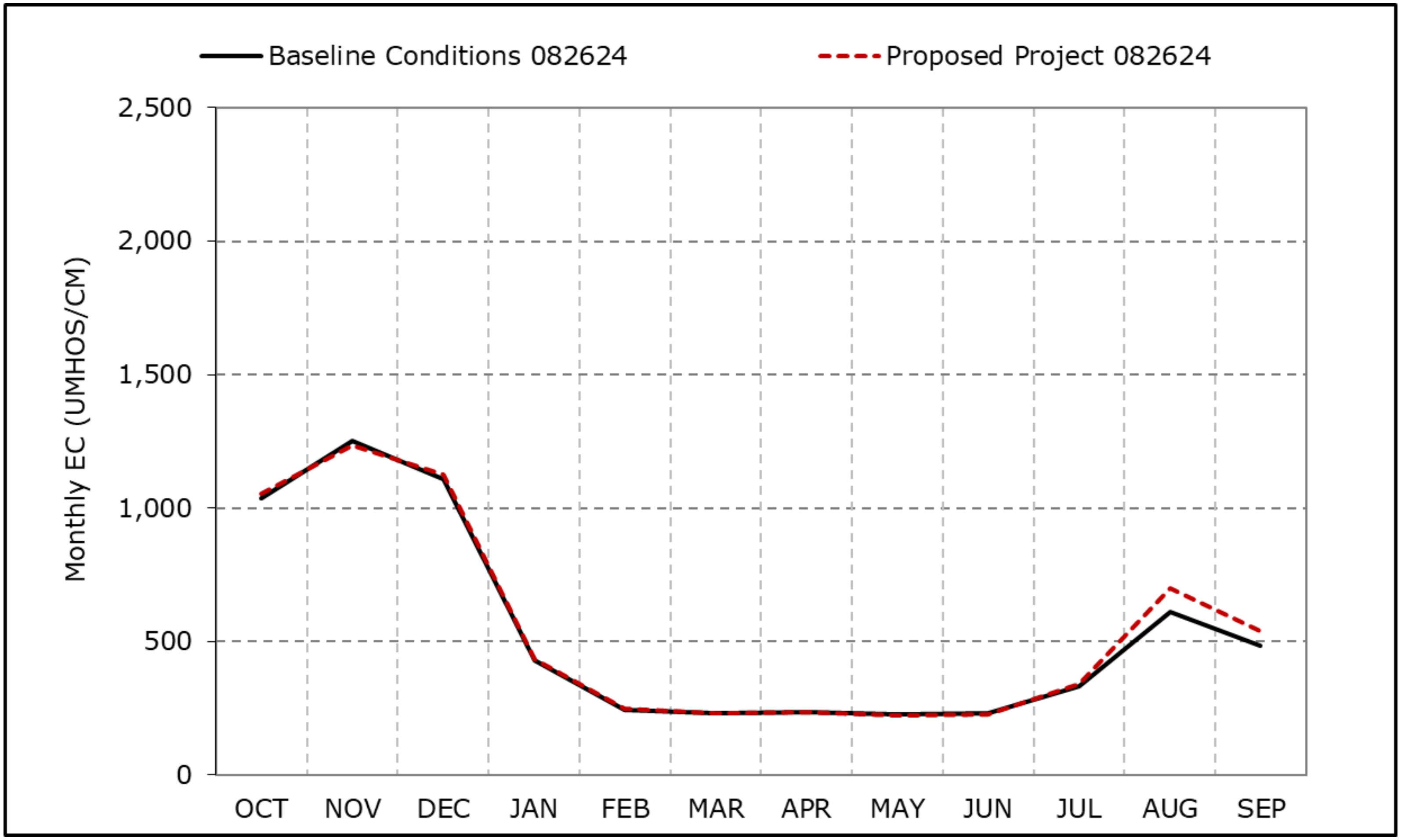
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12b. San Joaquin River at Jersey Point Salinity, Wet Year Average EC



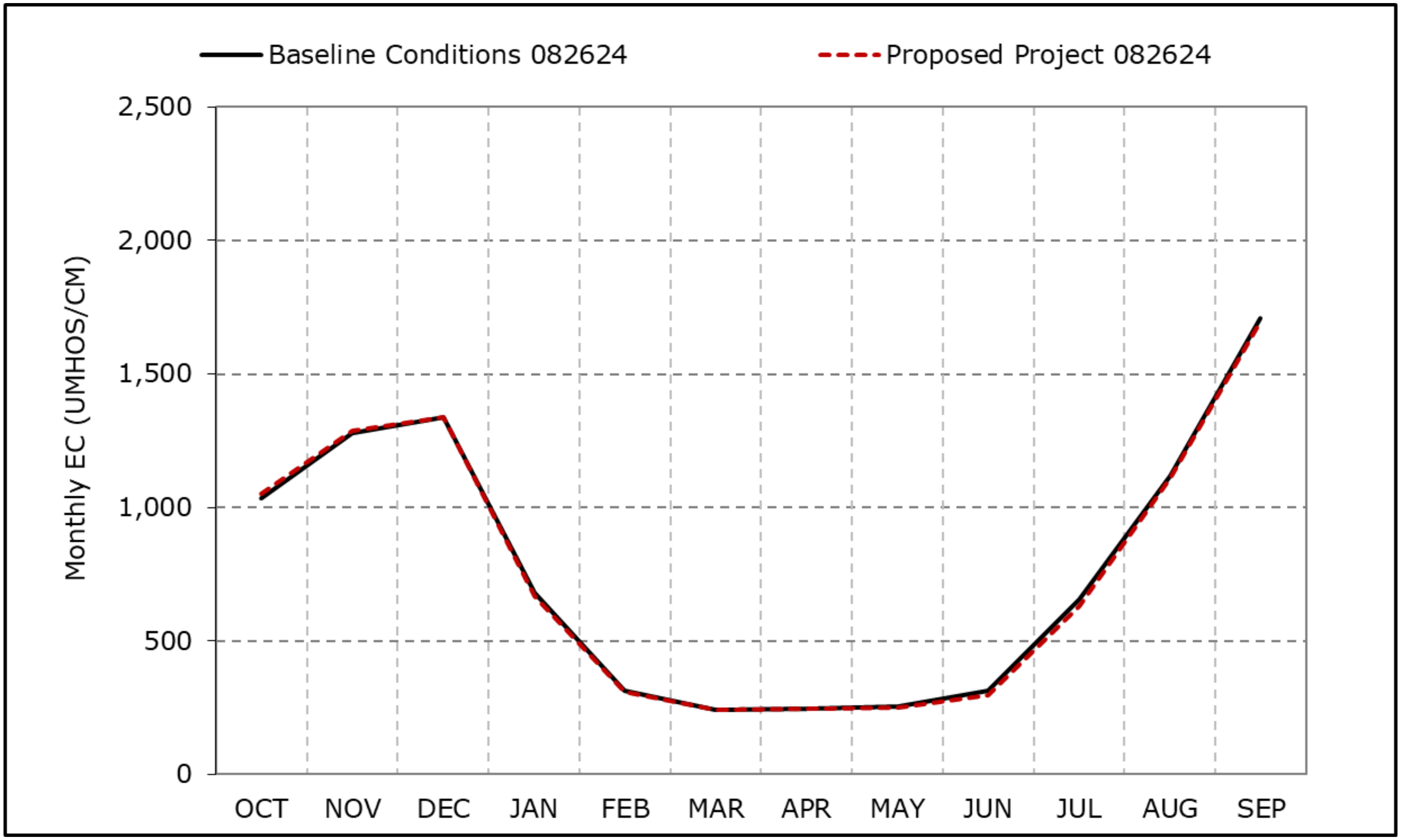
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12c. San Joaquin River at Jersey Point Salinity, Above Normal Year Average EC



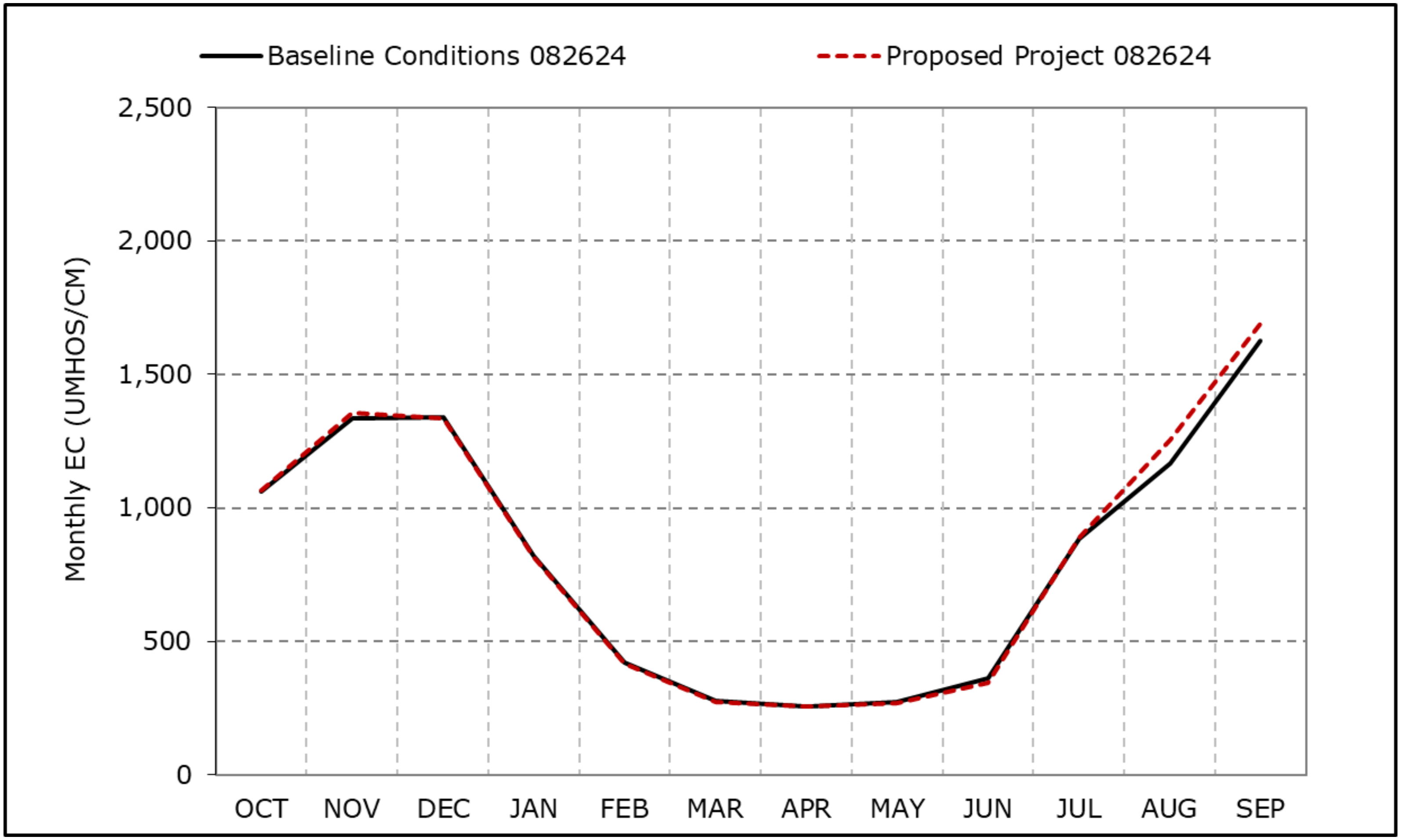
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12d. San Joaquin River at Jersey Point Salinity, Below Normal Year Average EC



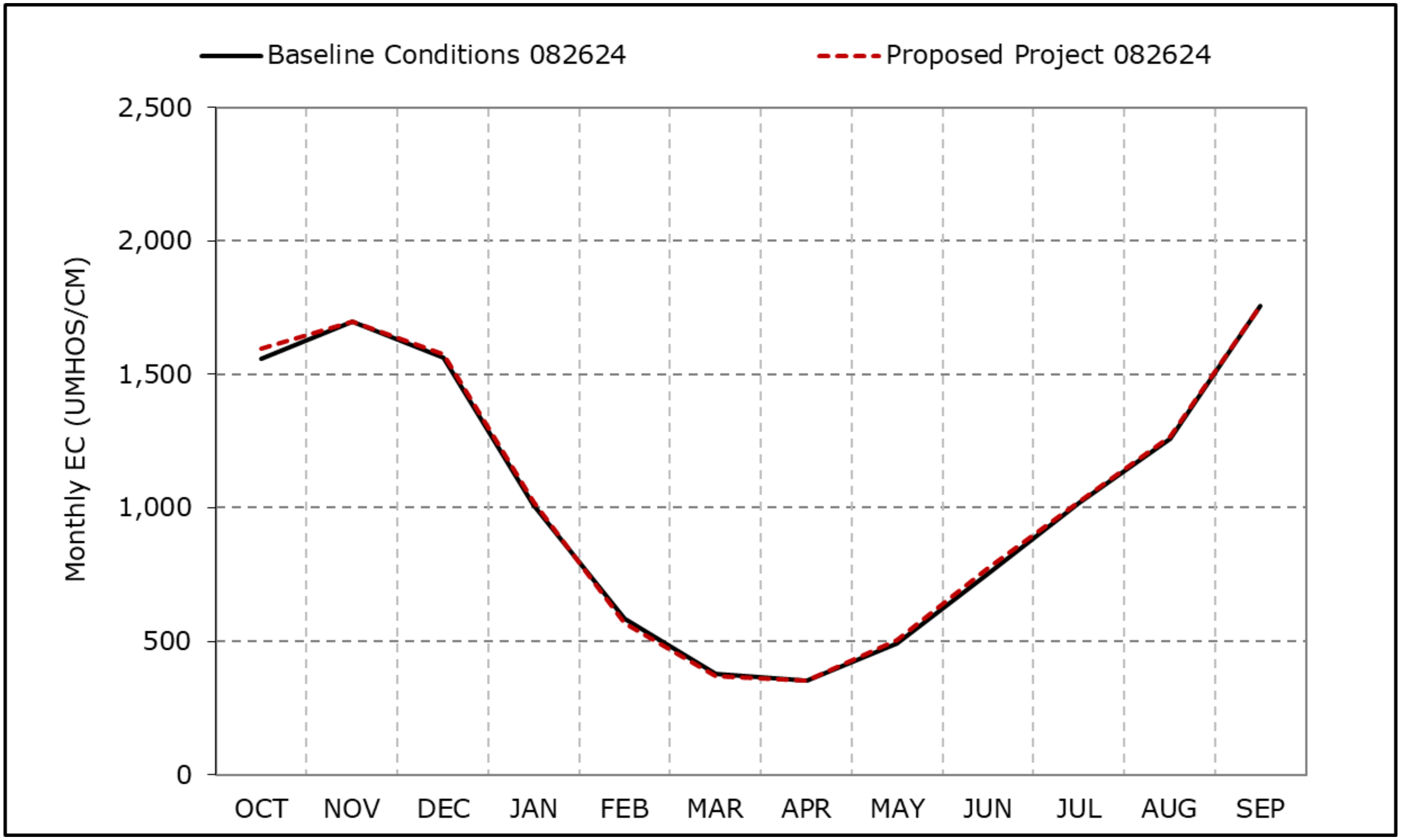
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12e. San Joaquin River at Jersey Point Salinity, Dry Year Average EC



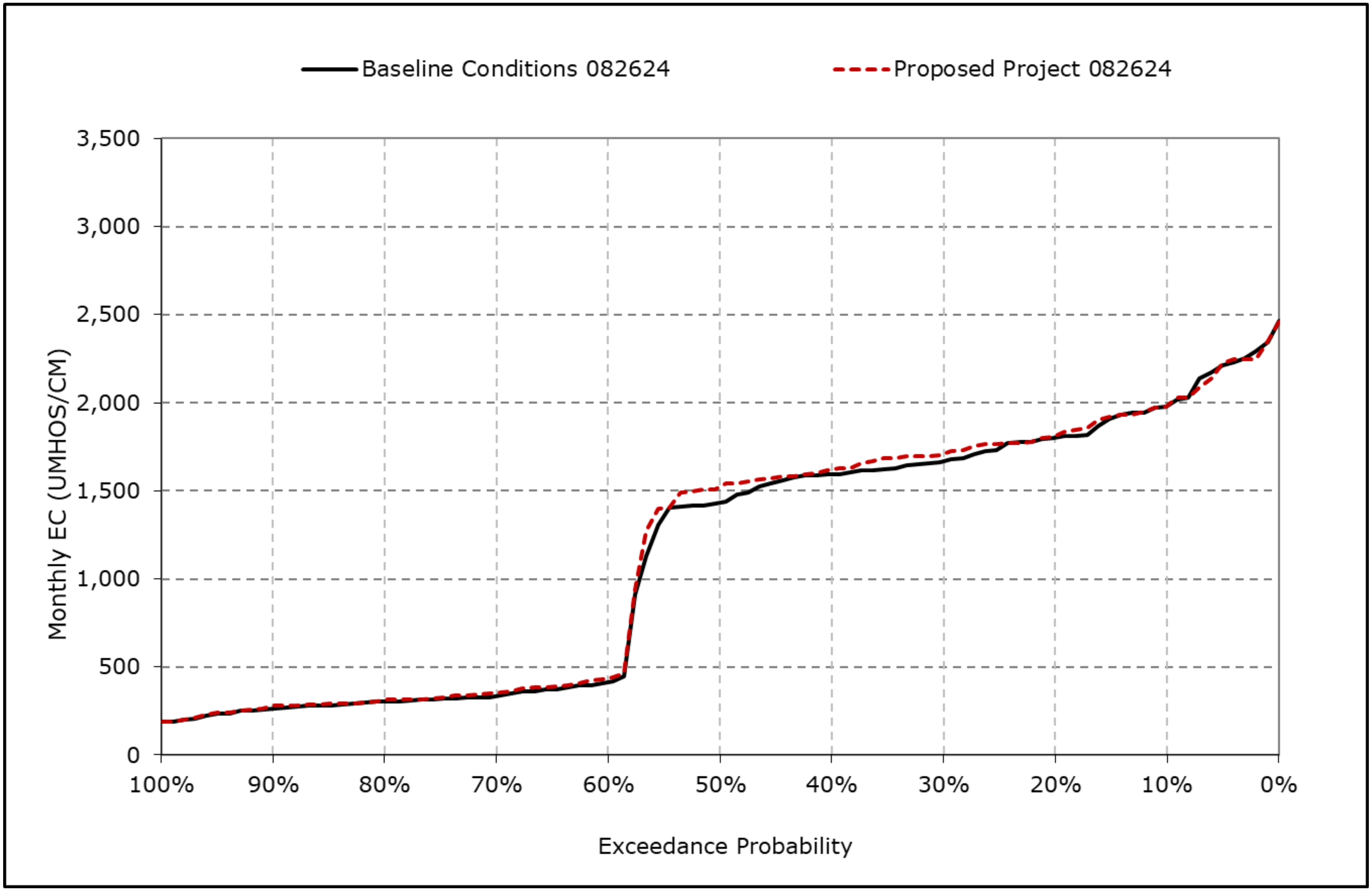
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12f. San Joaquin River at Jersey Point Salinity, Critical Year Average EC



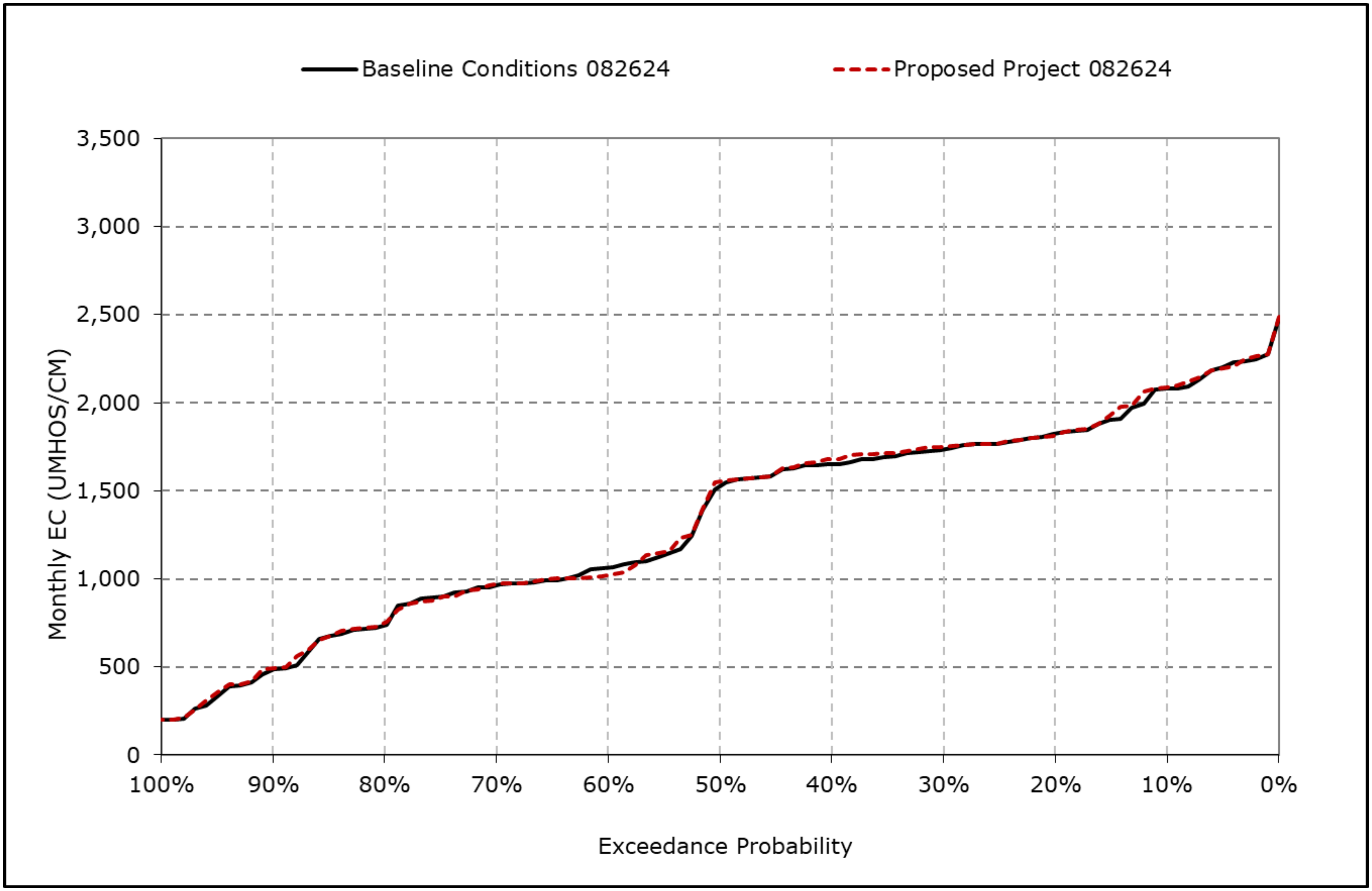
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12g. San Joaquin River at Jersey Point Salinity, October EC



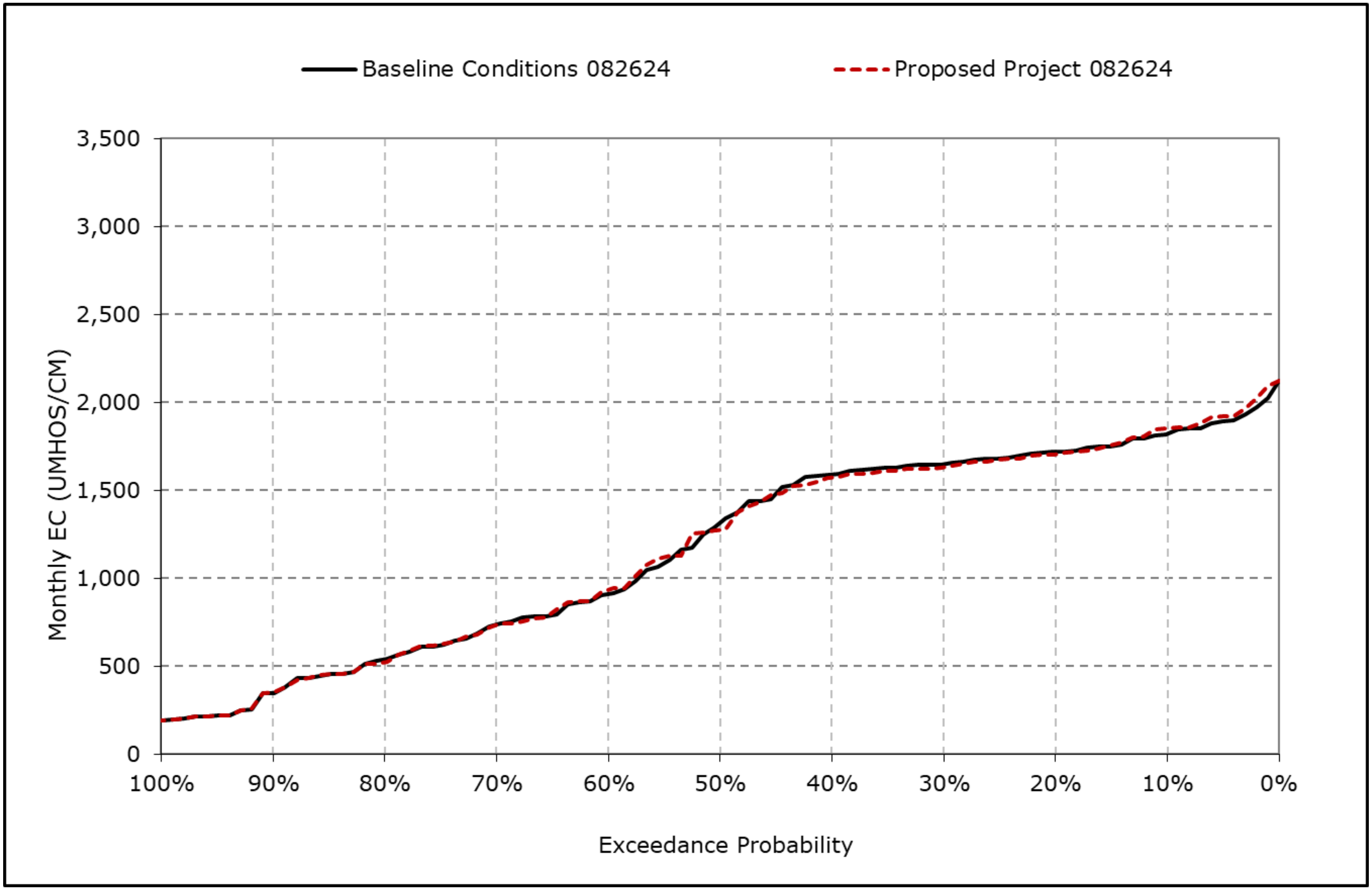
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12h. San Joaquin River at Jersey Point Salinity, November EC



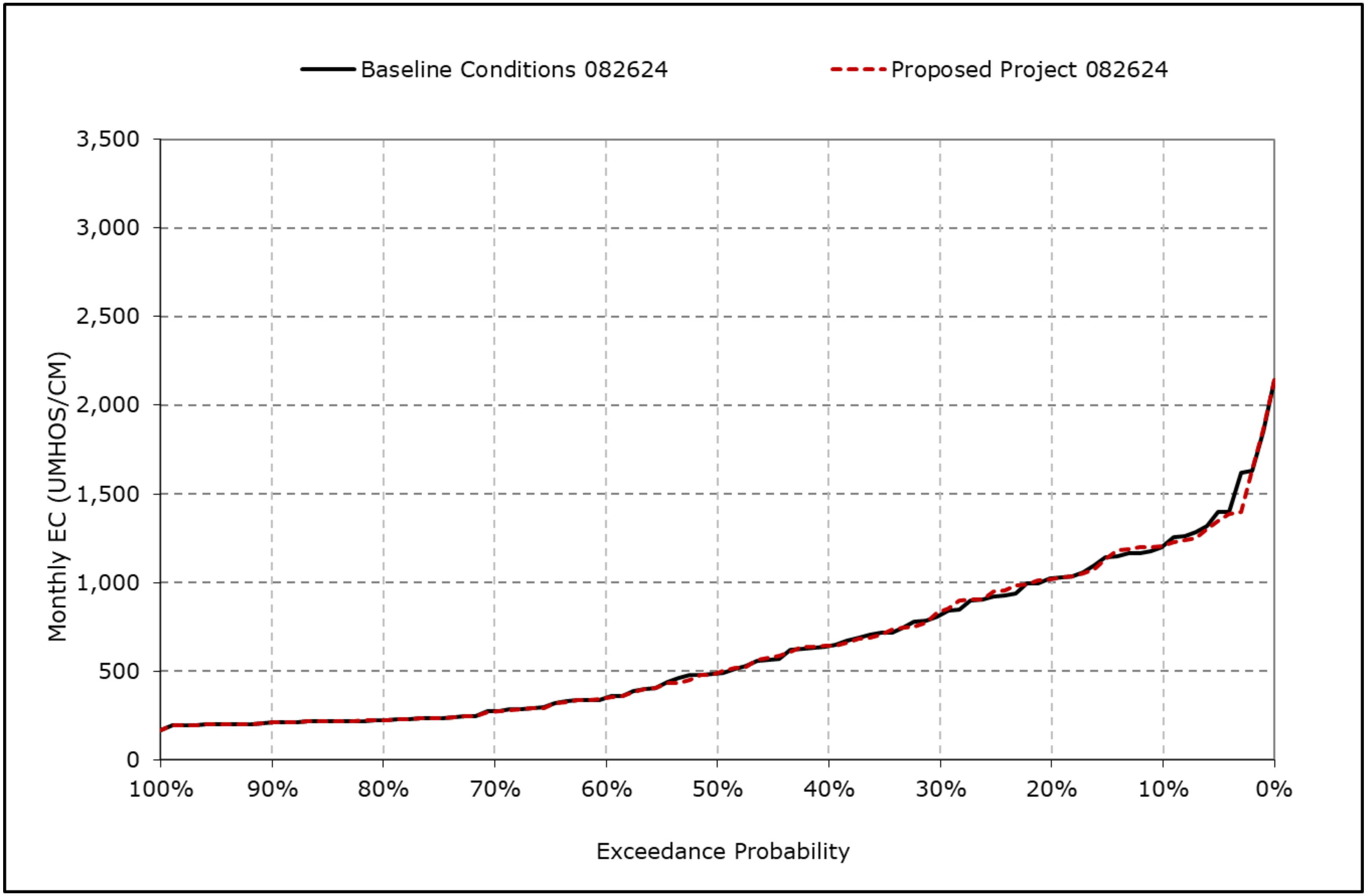
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12i. San Joaquin River at Jersey Point Salinity, December EC



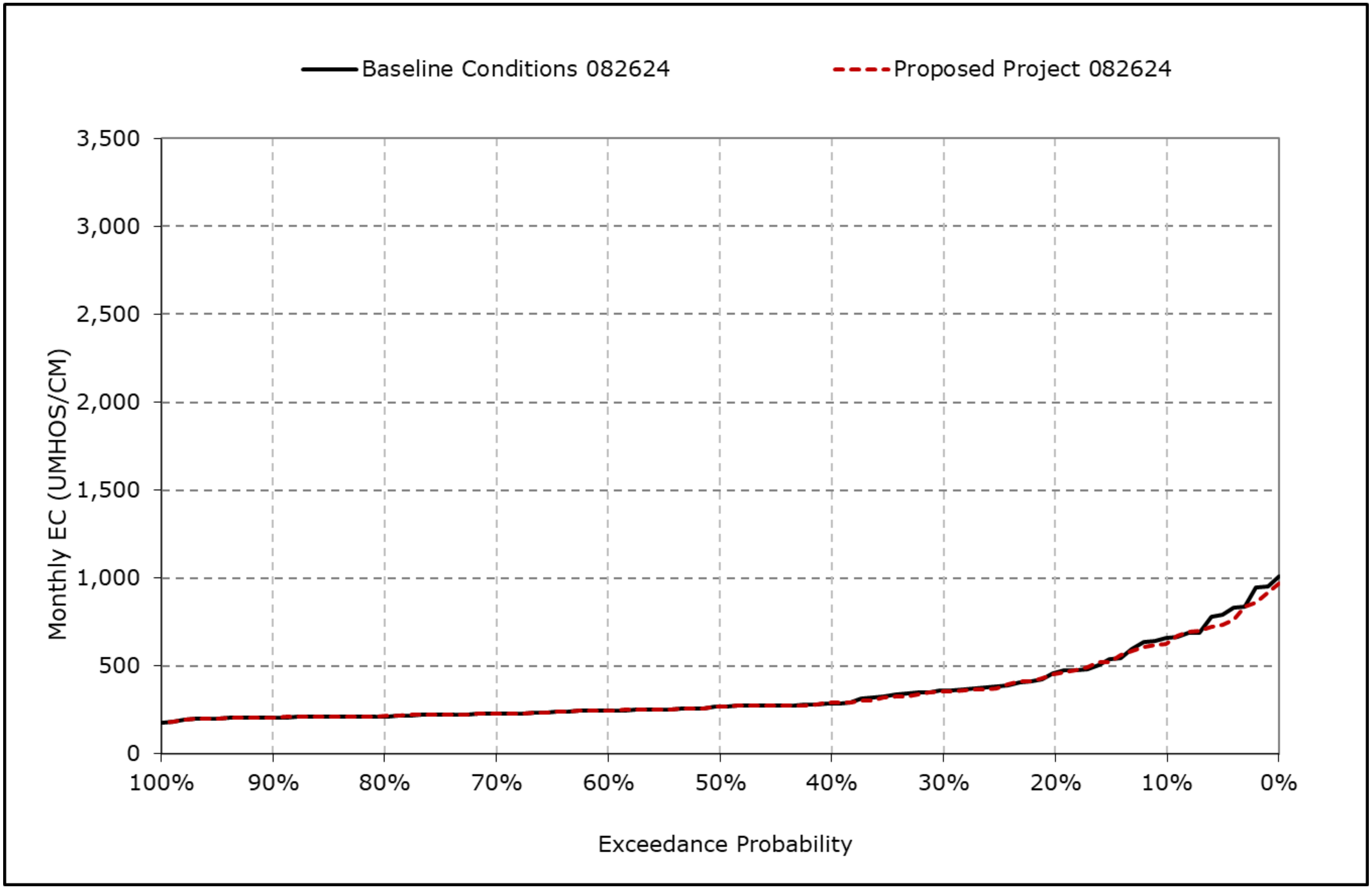
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12j. San Joaquin River at Jersey Point Salinity, January EC



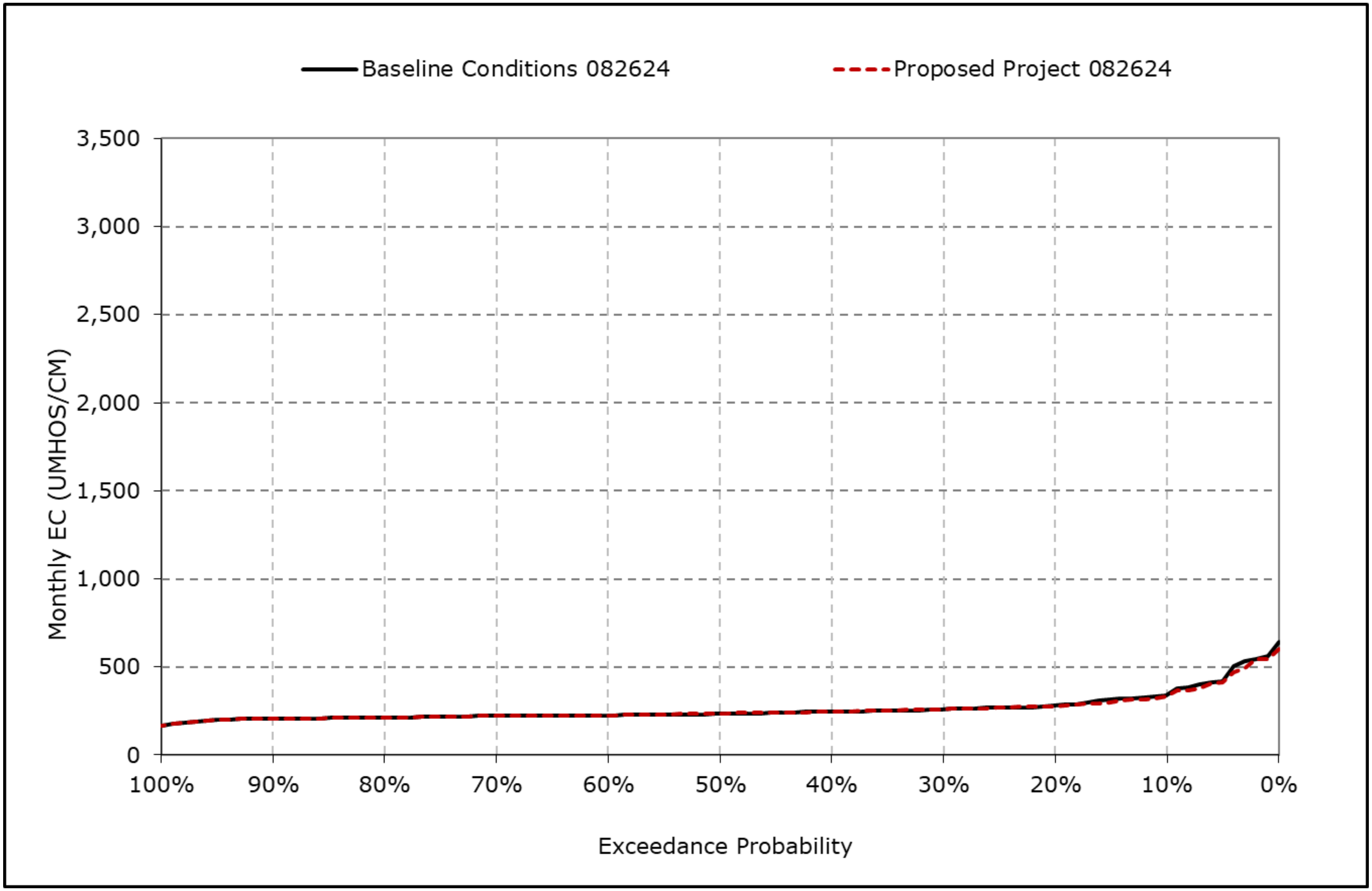
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12k. San Joaquin River at Jersey Point Salinity, February EC



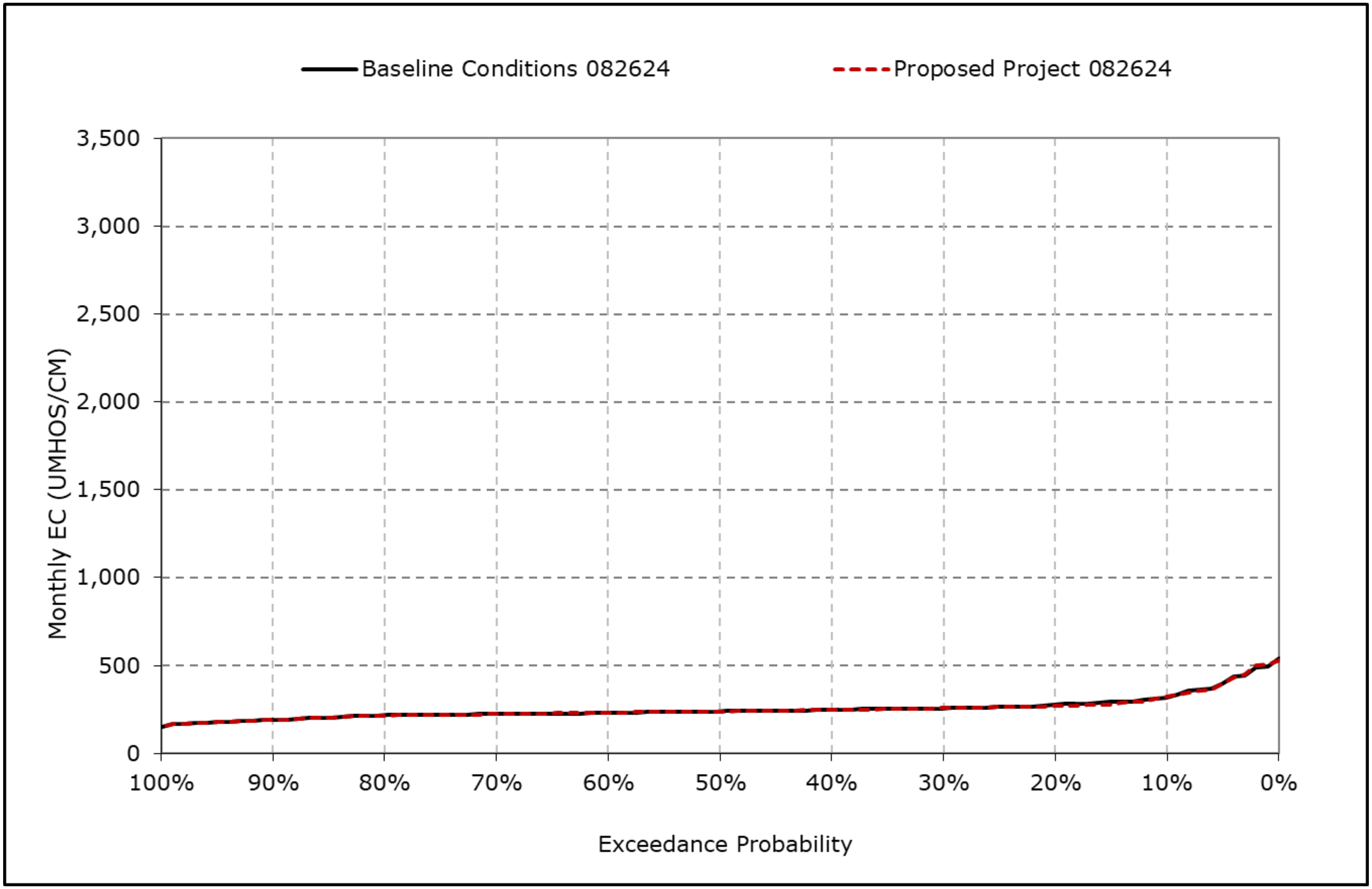
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12l. San Joaquin River at Jersey Point Salinity, March EC



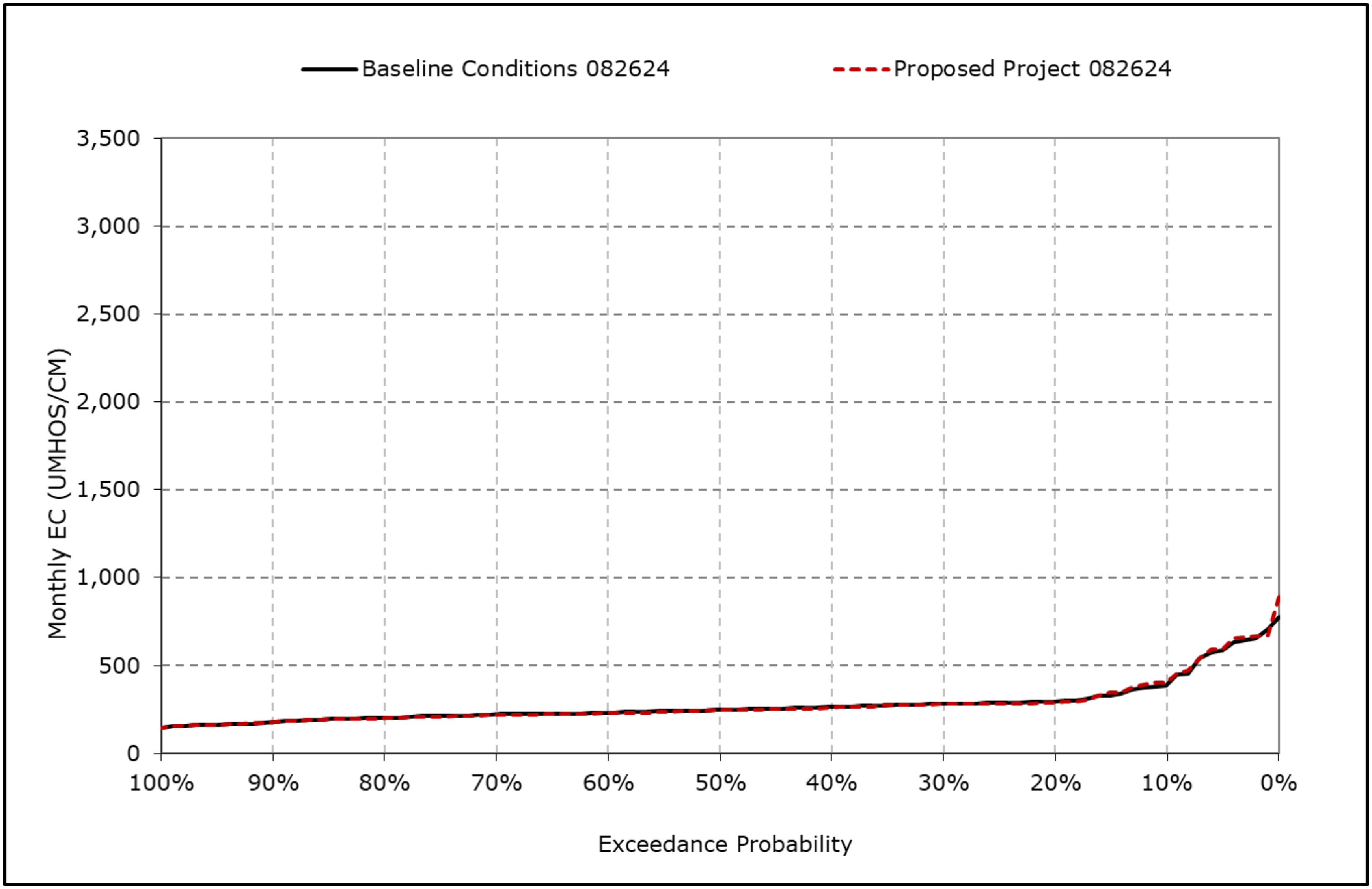
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12m. San Joaquin River at Jersey Point Salinity, April EC



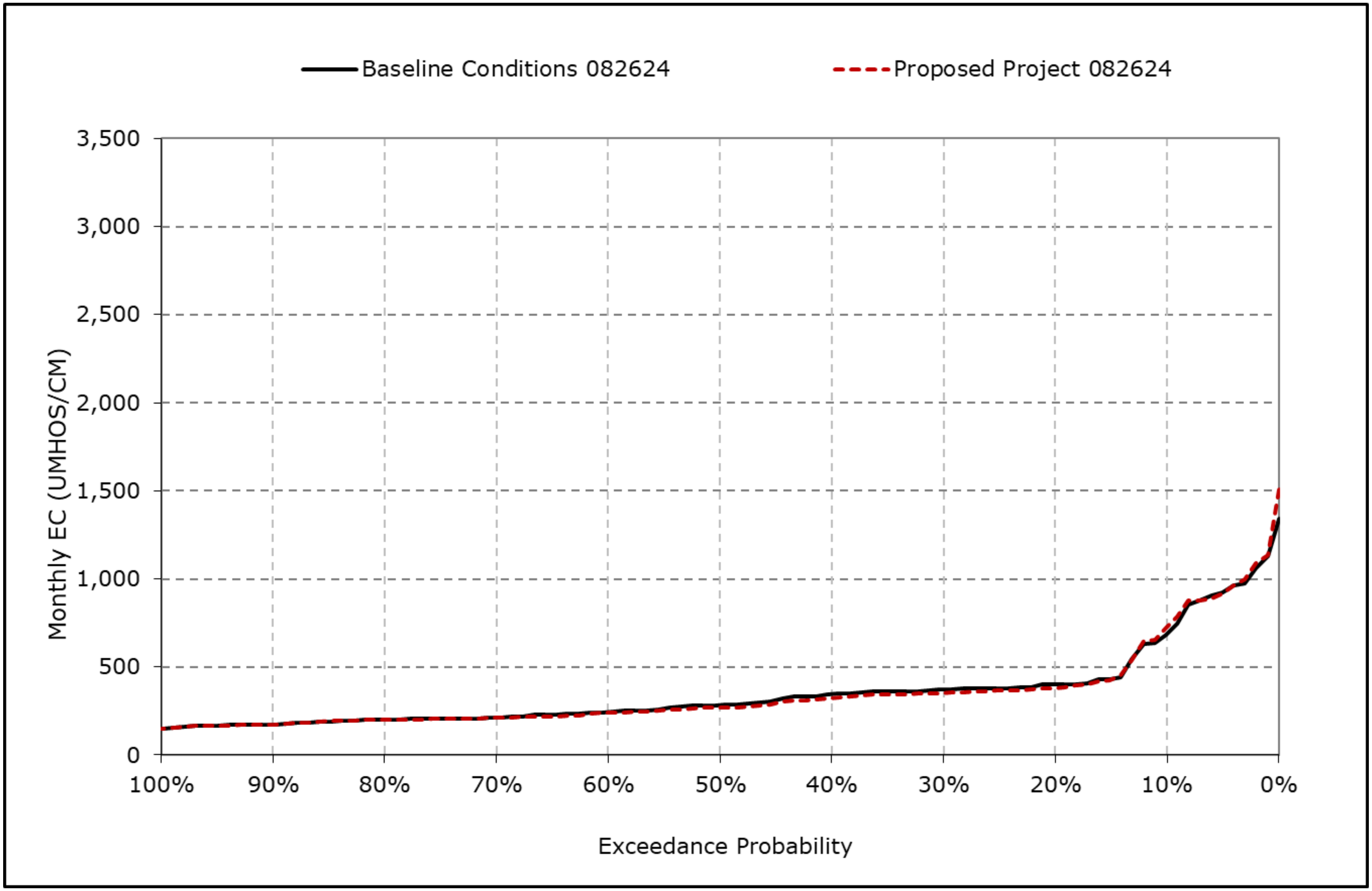
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12n. San Joaquin River at Jersey Point Salinity, May EC



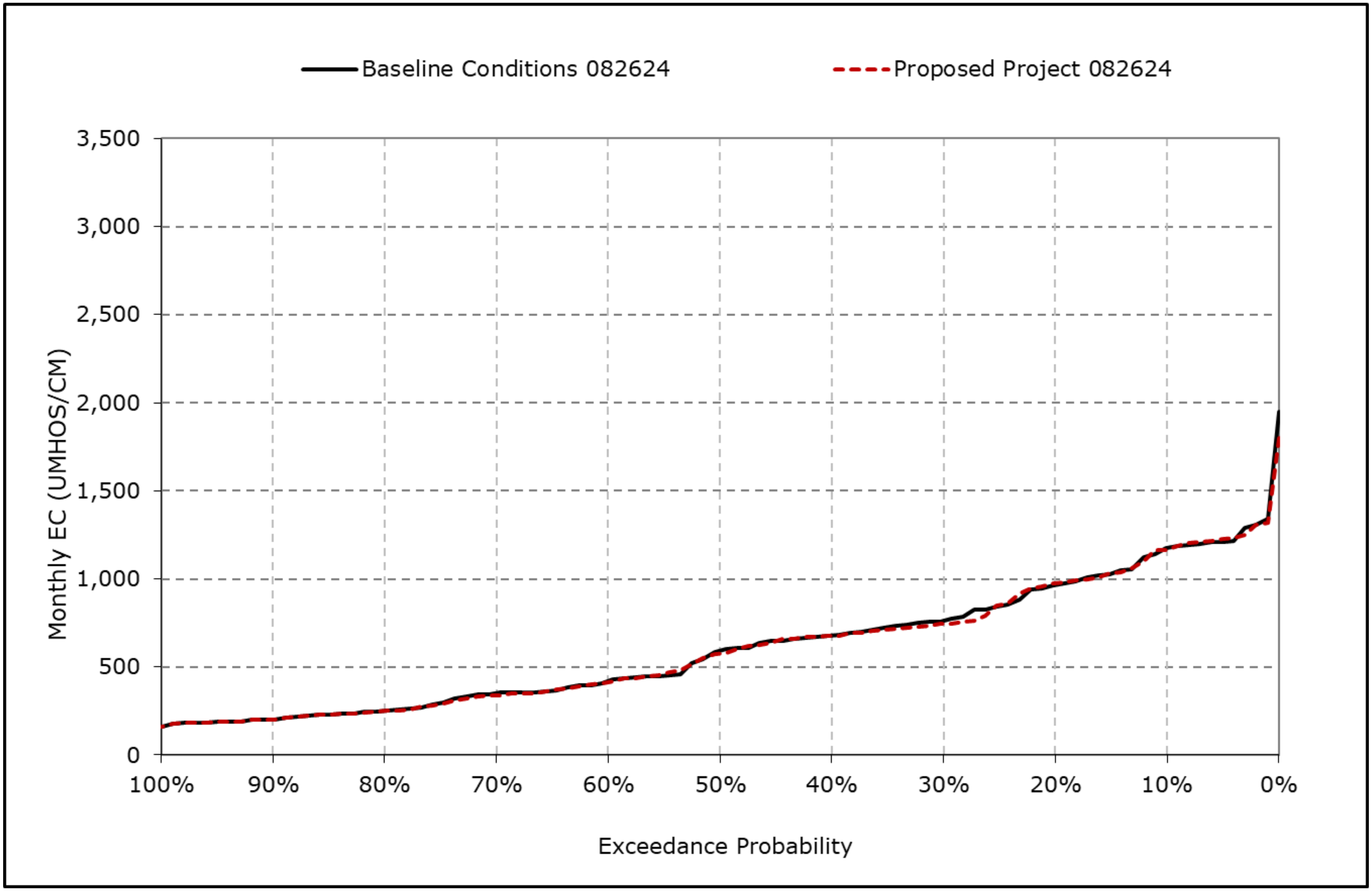
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12o. San Joaquin River at Jersey Point Salinity, June EC



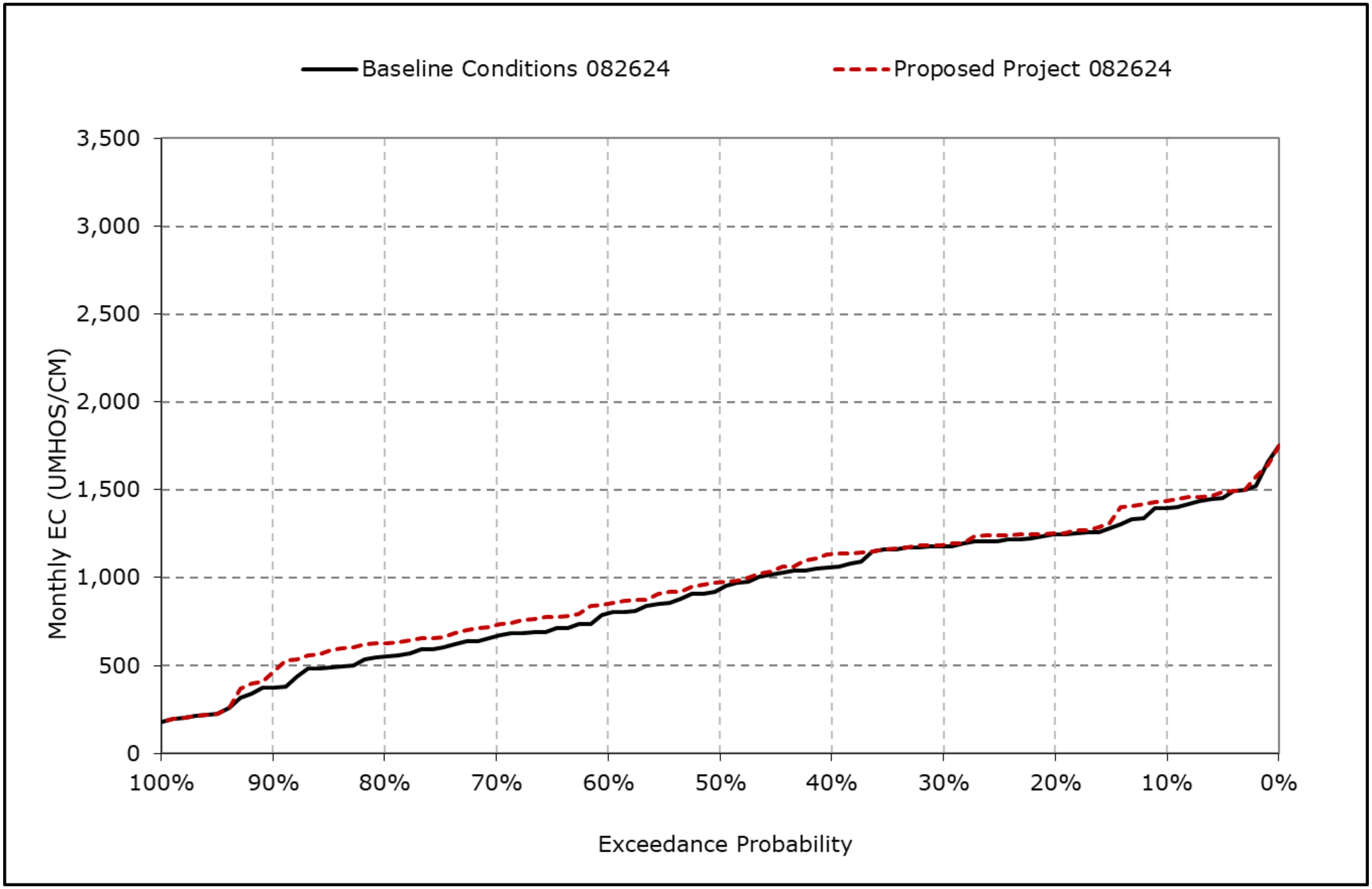
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12p. San Joaquin River at Jersey Point Salinity, July EC



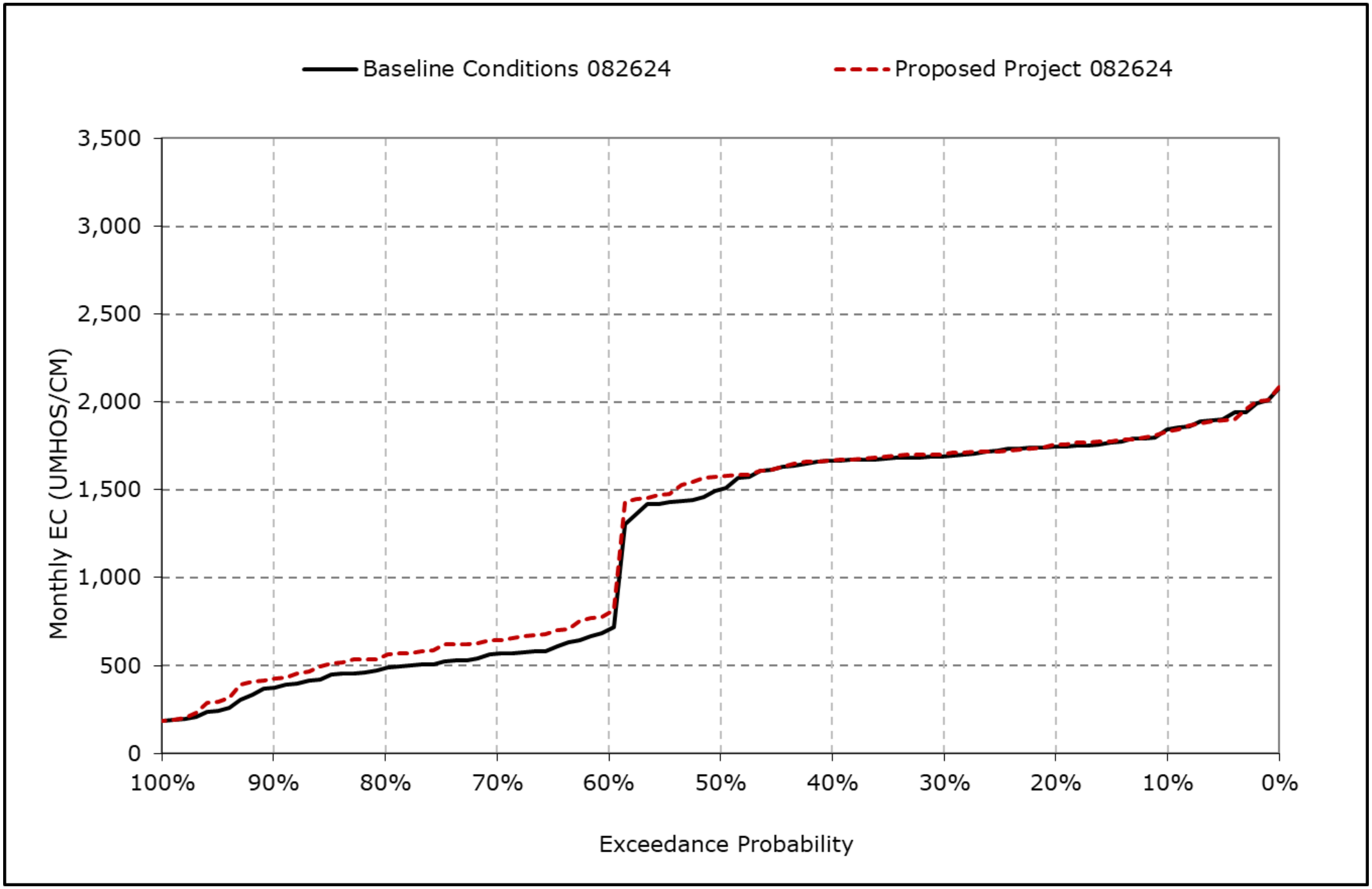
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-12q. San Joaquin River at Jersey Point Salinity, August EC



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

Figure 4B-6-12r. San Joaquin River at Jersey Point Salinity, September EC



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

Table 4B-6-13-1a. San Joaquin River at San Andreas Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	890	902	922	668	423	285	277	288	334	476	587	766
20% Exceedance	795	810	877	606	341	257	261	262	251	412	541	724
30% Exceedance	707	744	835	541	296	248	252	255	243	340	503	700
40% Exceedance	679	696	780	435	266	239	245	247	236	320	451	668
50% Exceedance	638	653	692	358	249	231	239	238	223	288	396	606
60% Exceedance	252	447	546	304	238	222	228	224	212	242	352	365
70% Exceedance	225	403	448	233	222	216	220	213	204	224	307	297
80% Exceedance	215	353	362	219	213	206	213	195	195	203	271	274
90% Exceedance	203	284	267	201	203	199	183	172	172	189	225	228
Full Simulation Period Average[a]	534	589	635	412	284	238	236	237	240	307	408	524
Wet Water Years (32%)	493	533	463	254	212	202	197	187	186	203	262	264
Above Normal Years (9%)	508	586	628	330	238	226	238	221	207	222	292	276
Below Normal Years (20%)	497	553	699	444	272	234	247	240	228	312	471	721
Dry Water Years (21%)	499	573	709	506	326	250	246	251	239	380	506	653
Critical Water Years (18%)	704	749	786	588	399	301	281	310	365	443	543	742

Table 4B-6-13-1b. San Joaquin River at San Andreas Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

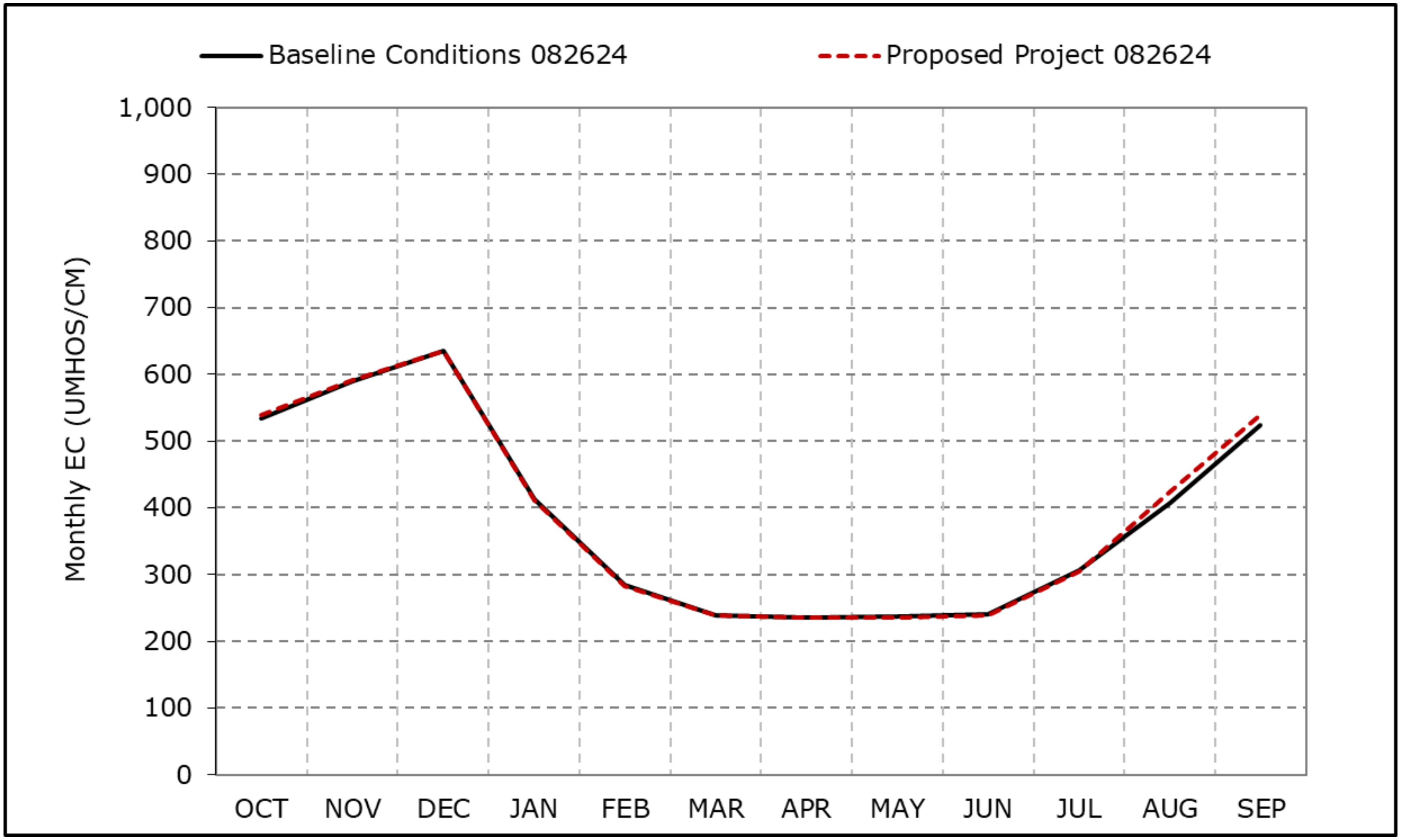
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	895	899	930	692	432	281	275	281	344	484	613	768
20% Exceedance	804	812	883	601	340	258	260	259	246	417	541	727
30% Exceedance	727	741	824	516	291	249	253	251	239	335	508	707
40% Exceedance	688	704	783	433	265	240	246	243	232	319	477	680
50% Exceedance	644	661	696	349	248	231	239	235	219	282	410	642
60% Exceedance	261	442	561	300	238	223	229	222	210	242	374	403
70% Exceedance	231	403	447	232	223	218	219	211	203	224	331	326
80% Exceedance	220	348	353	219	214	207	212	194	194	203	296	304
90% Exceedance	206	287	268	201	204	199	183	172	171	189	239	250
Full Simulation Period Average[a]	540	592	635	411	283	238	236	235	239	305	424	539
Wet Water Years (32%)	501	538	461	252	212	202	196	187	186	203	277	290
Above Normal Years (9%)	514	580	638	335	240	228	236	218	205	224	322	298
Below Normal Years (20%)	502	557	700	440	272	236	248	236	224	304	474	709
Dry Water Years (21%)	495	578	707	500	323	249	247	249	236	380	539	683
Critical Water Years (18%)	716	750	788	596	394	297	281	313	372	444	544	743

Table 4B-6-13-1c. San Joaquin River at San Andreas Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4	-4	7	24	9	-3	-2	-7	10	7	25	2
20% Exceedance	9	1	6	-5	-2	1	0	-3	-5	5	1	3
30% Exceedance	20	-3	-10	-26	-4	1	1	-4	-4	-5	5	7
40% Exceedance	9	8	3	-1	-1	1	1	-4	-4	-1	26	12
50% Exceedance	6	7	4	-9	0	1	0	-3	-3	-5	14	35
60% Exceedance	9	-5	15	-4	0	1	0	-2	-2	0	22	38
70% Exceedance	7	-1	-2	-1	1	2	-1	-2	-1	0	24	29
80% Exceedance	5	-5	-9	0	1	0	-2	-1	-1	0	26	29
90% Exceedance	4	3	1	0	0	0	0	0	0	0	14	22
Full Simulation Period Average[a]	5	3	1	-1	-2	0	0	-1	-1	-1	16	15
Wet Water Years (32%)	7	5	-2	-2	0	0	-1	-1	-1	-1	15	26
Above Normal Years (9%)	7	-5	10	5	2	2	-2	-4	-2	3	30	23
Below Normal Years (20%)	5	3	1	-3	0	3	0	-4	-5	-7	3	-12
Dry Water Years (21%)	-4	5	-2	-6	-3	-1	1	-2	-4	0	33	31
Critical Water Years (18%)	12	2	2	8	-6	-4	-1	2	6	1	1	1

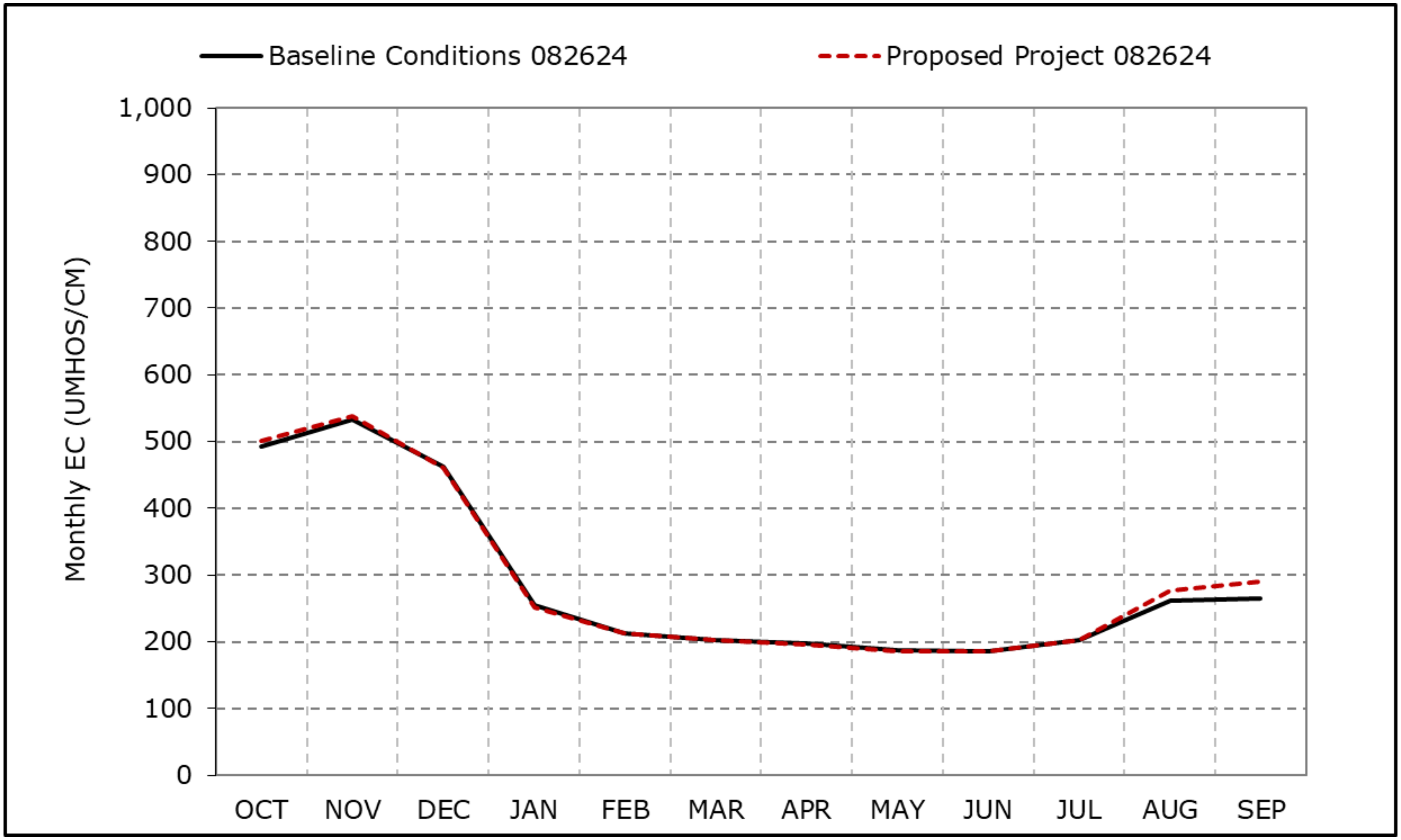
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-13a. San Joaquin River at San Andreas Salinity, Long-Term Average EC



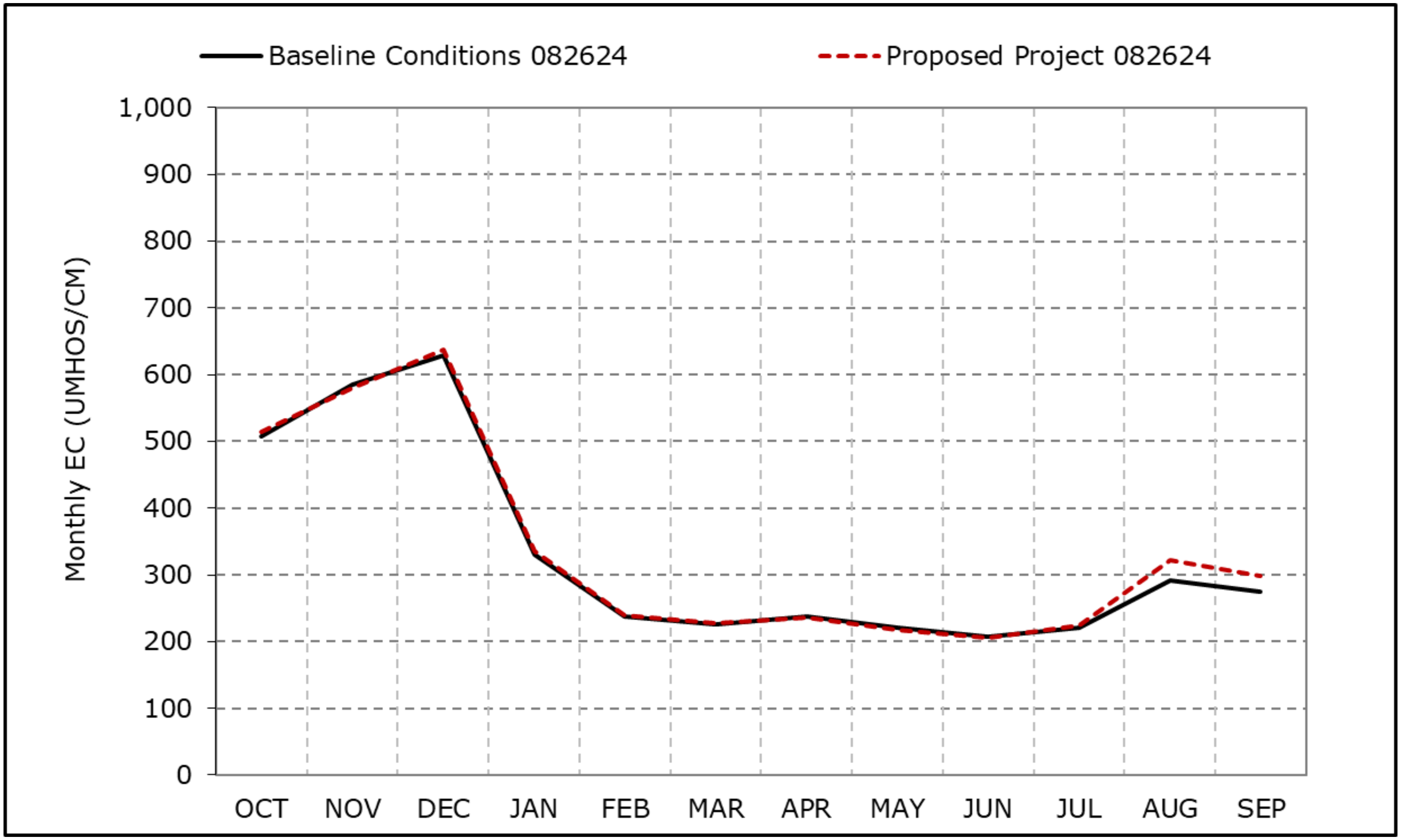
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13b. San Joaquin River at San Andreas Salinity, Wet Year Average EC



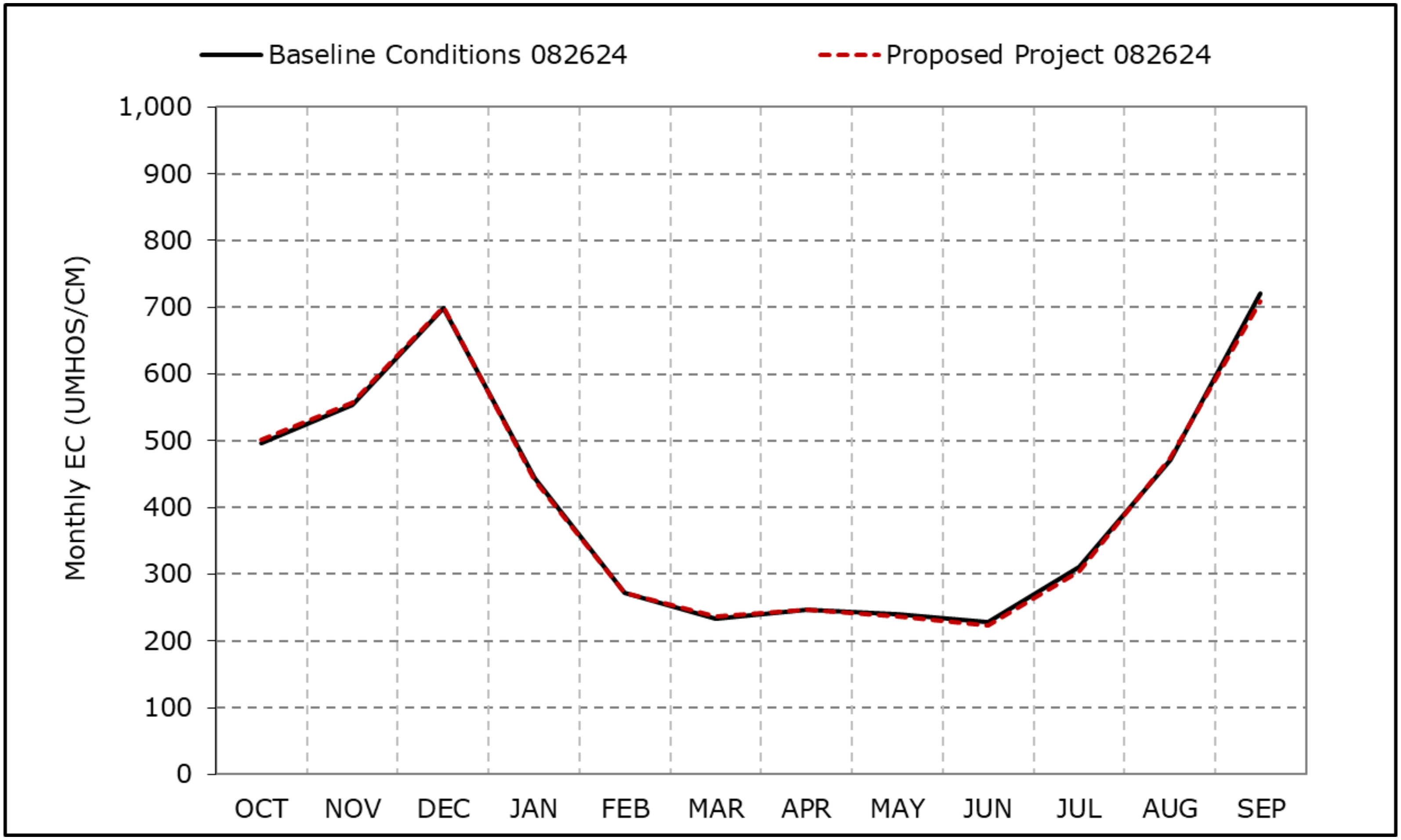
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13c. San Joaquin River at San Andreas Salinity, Above Normal Year Average EC



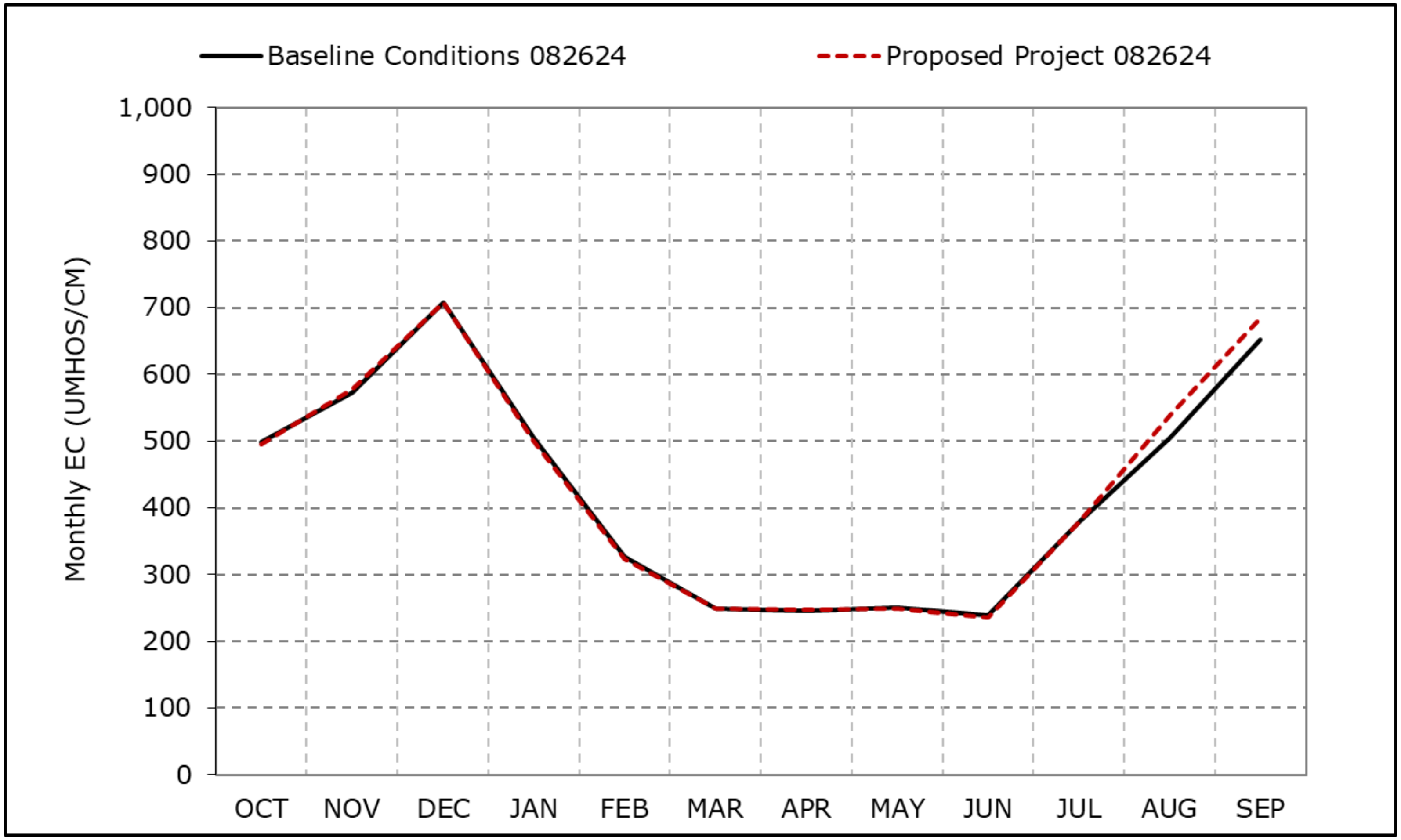
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13d. San Joaquin River at San Andreas Salinity, Below Normal Year Average EC



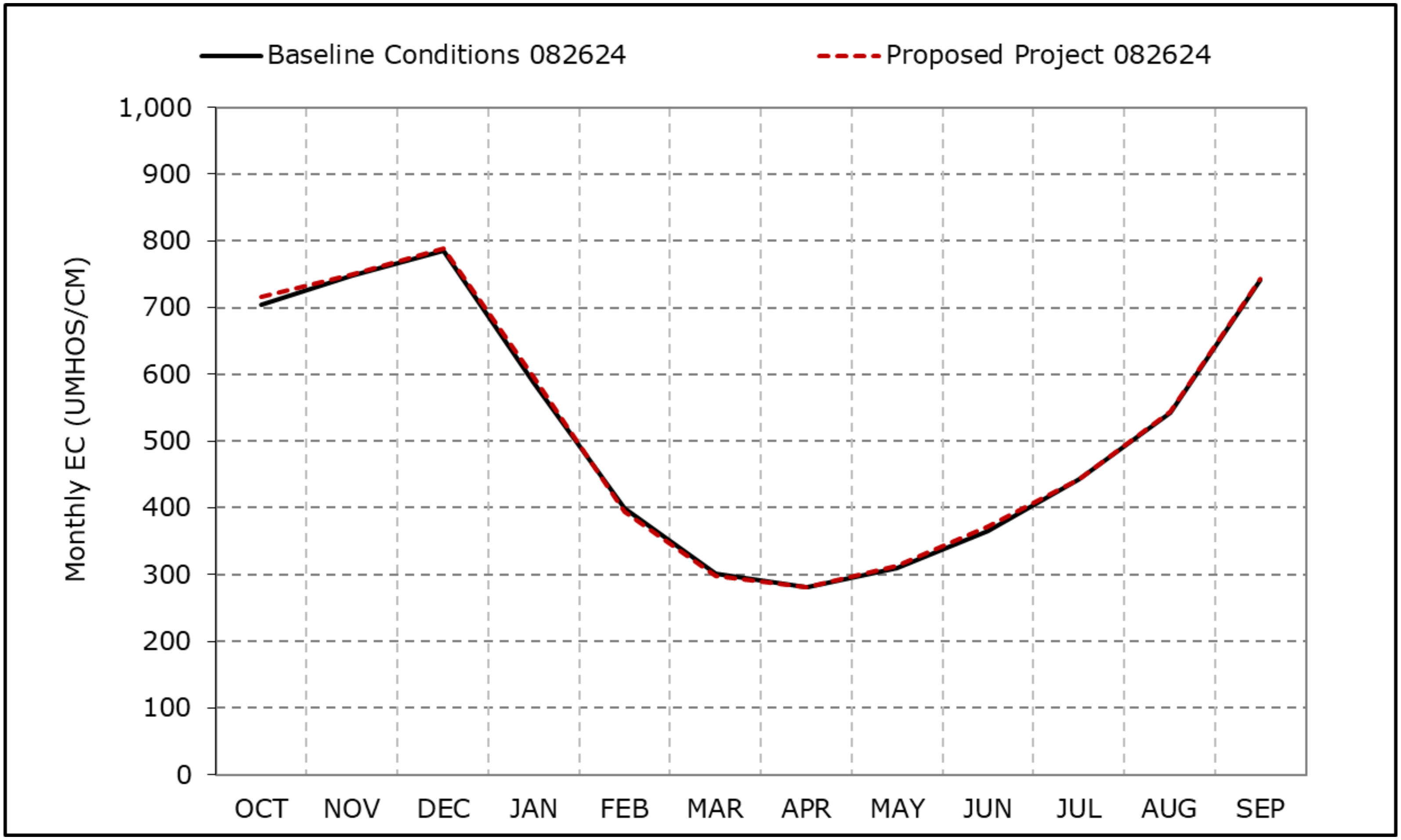
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13e. San Joaquin River at San Andreas Salinity, Dry Year Average EC



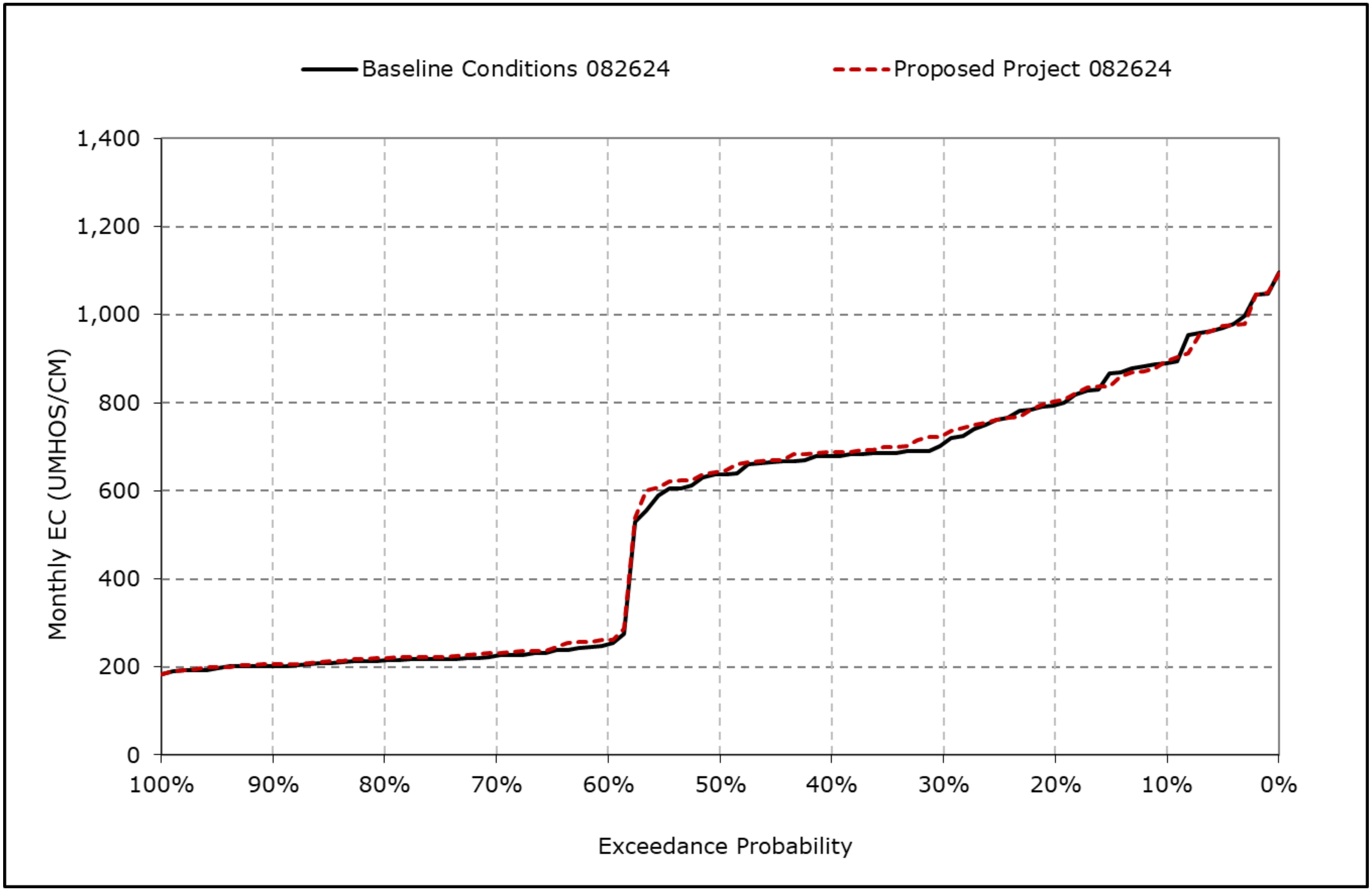
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13f. San Joaquin River at San Andreas Salinity, Critical Year Average EC



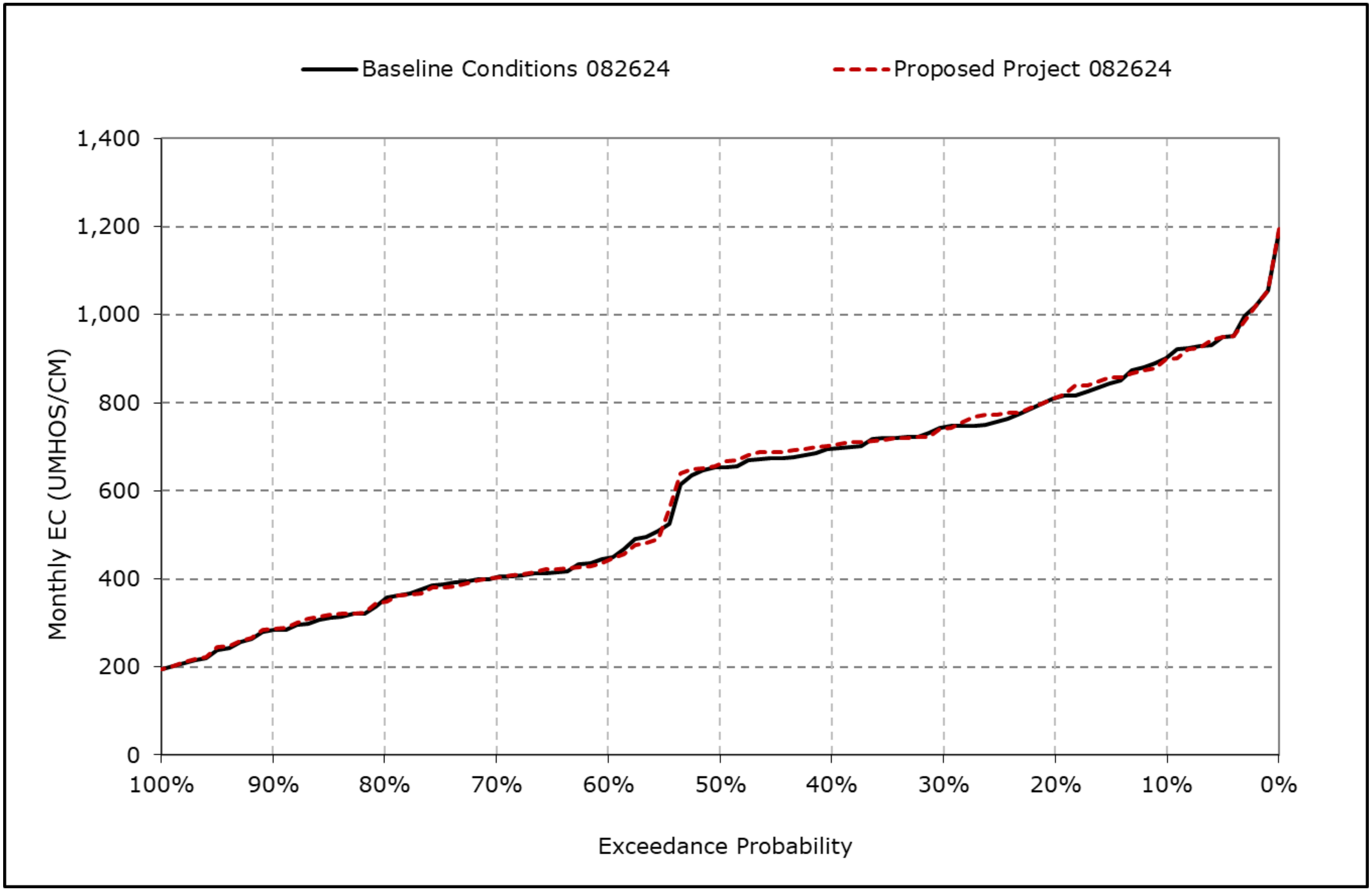
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13g. San Joaquin River at San Andreas Salinity, October EC



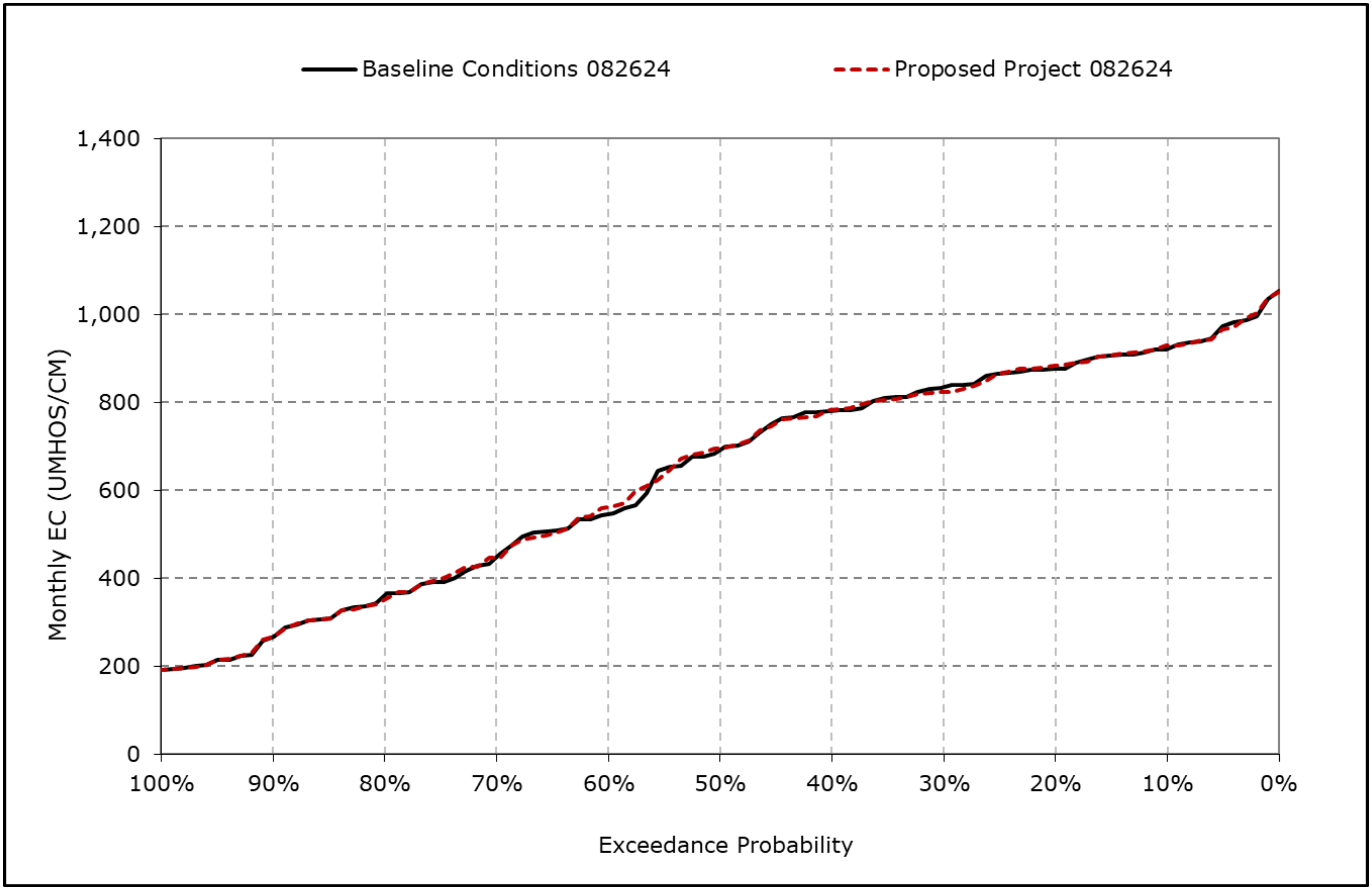
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13h. San Joaquin River at San Andreas Salinity, November EC



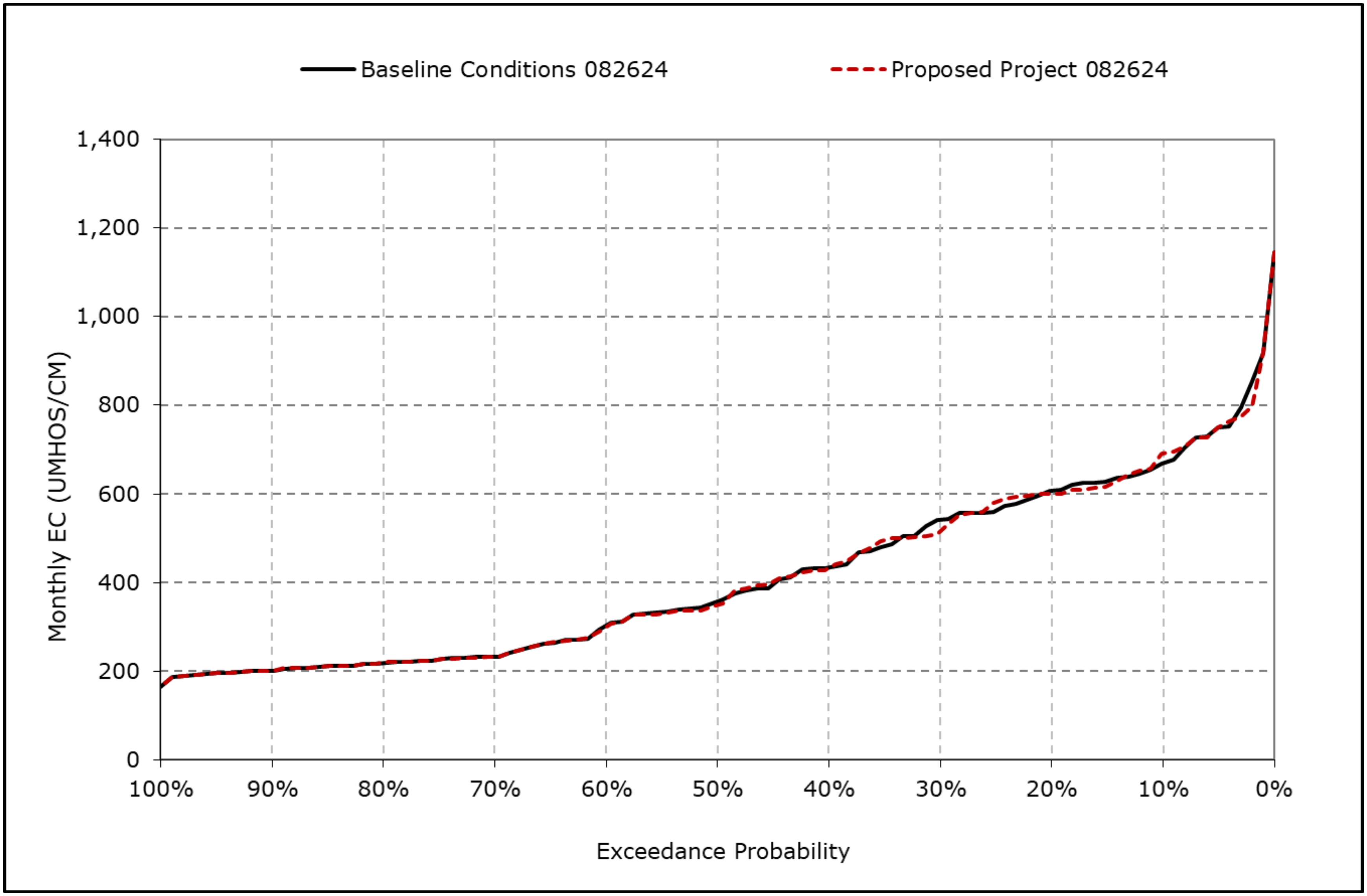
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13i. San Joaquin River at San Andreas Salinity, December EC



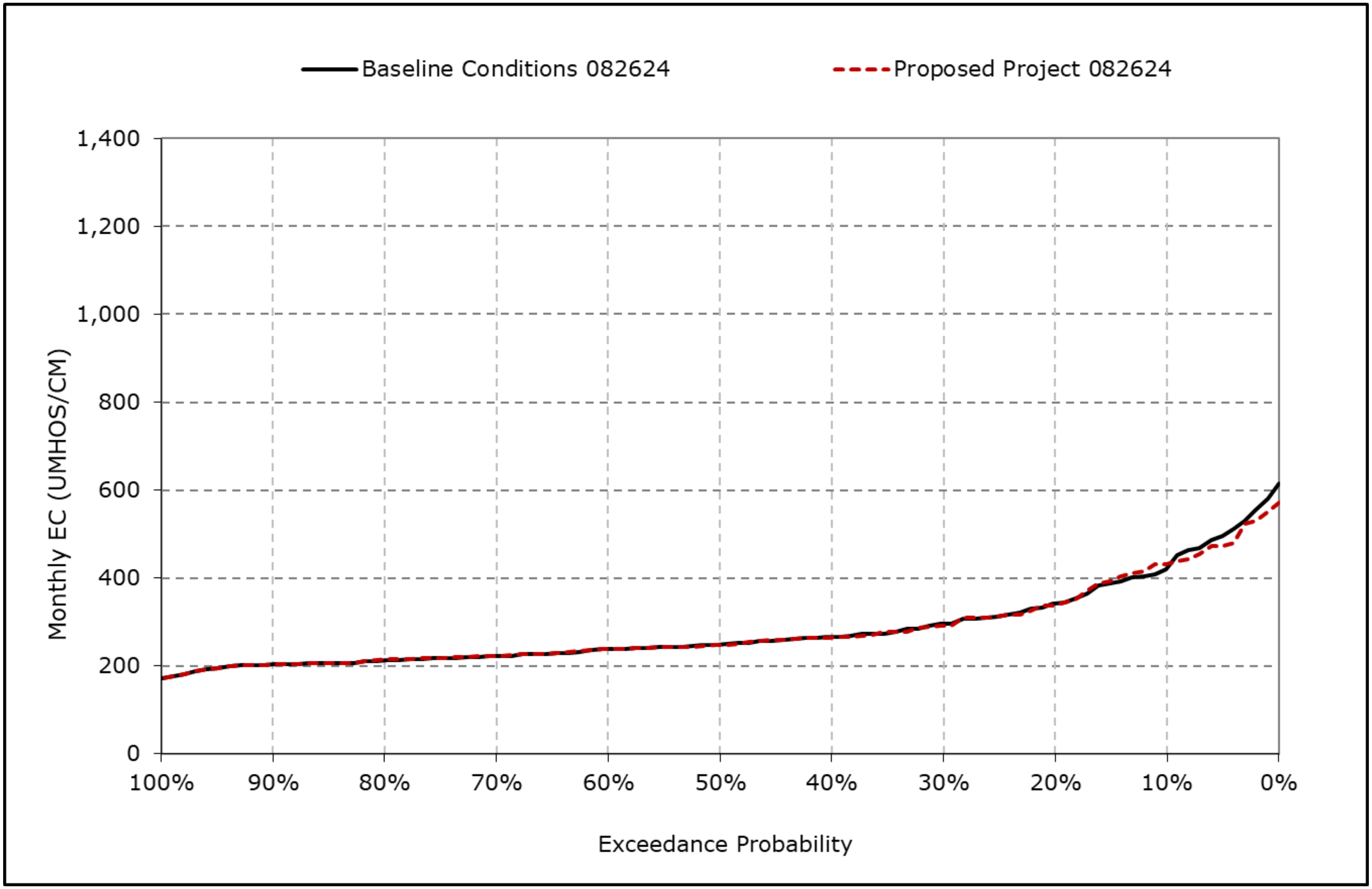
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13j. San Joaquin River at San Andreas Salinity, January EC



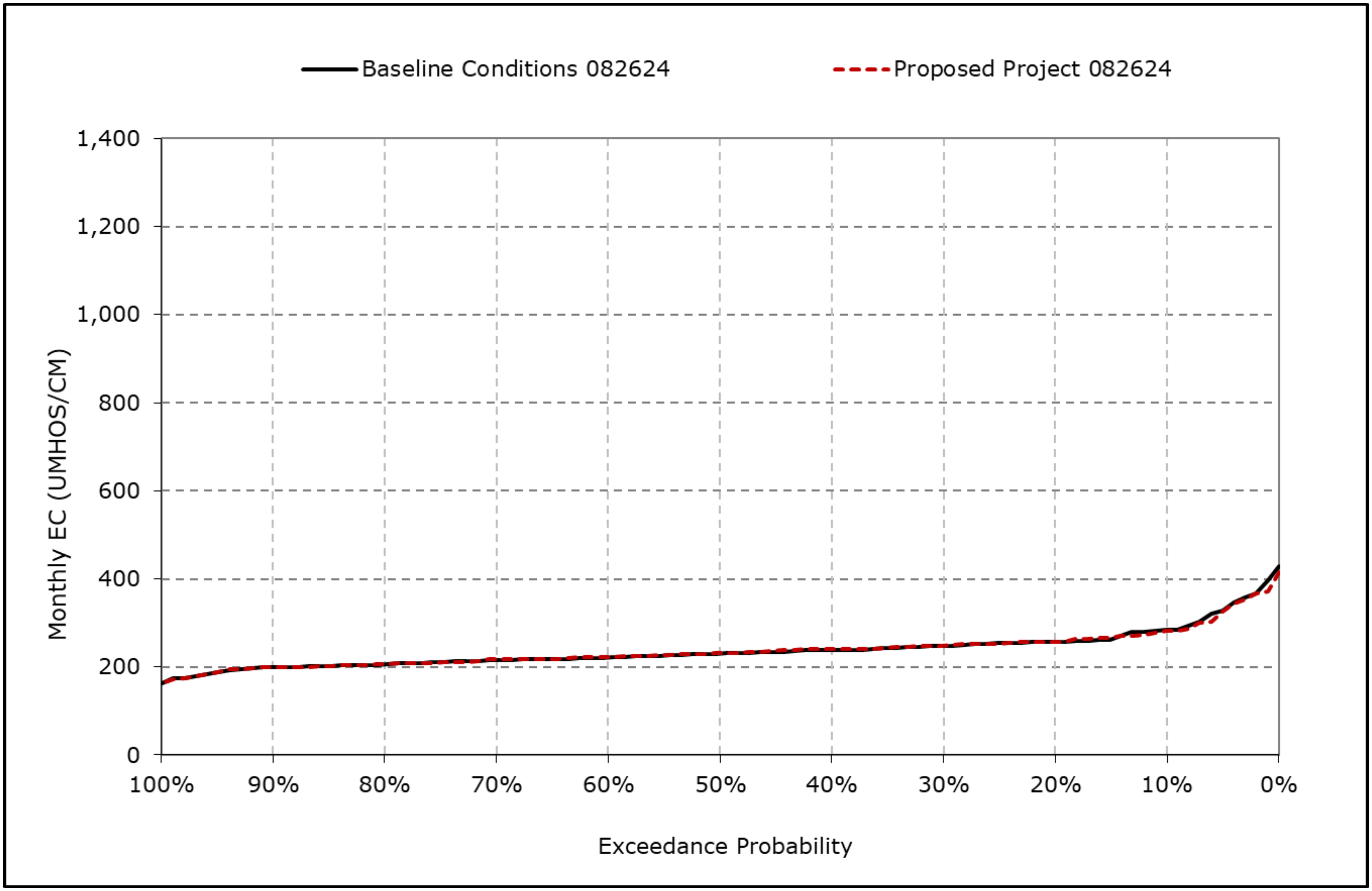
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13k. San Joaquin River at San Andreas Salinity, February EC



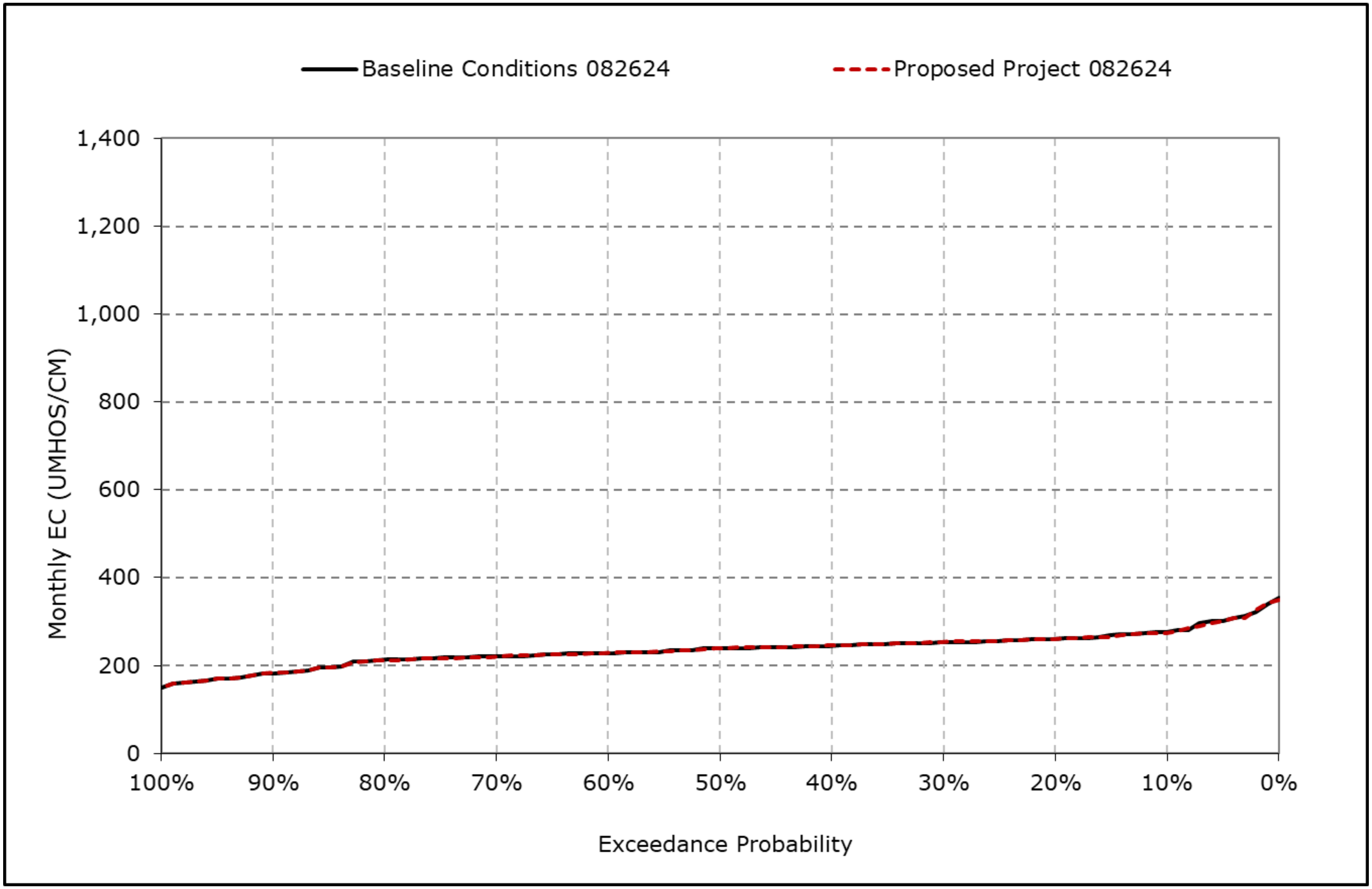
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13l. San Joaquin River at San Andreas Salinity, March EC



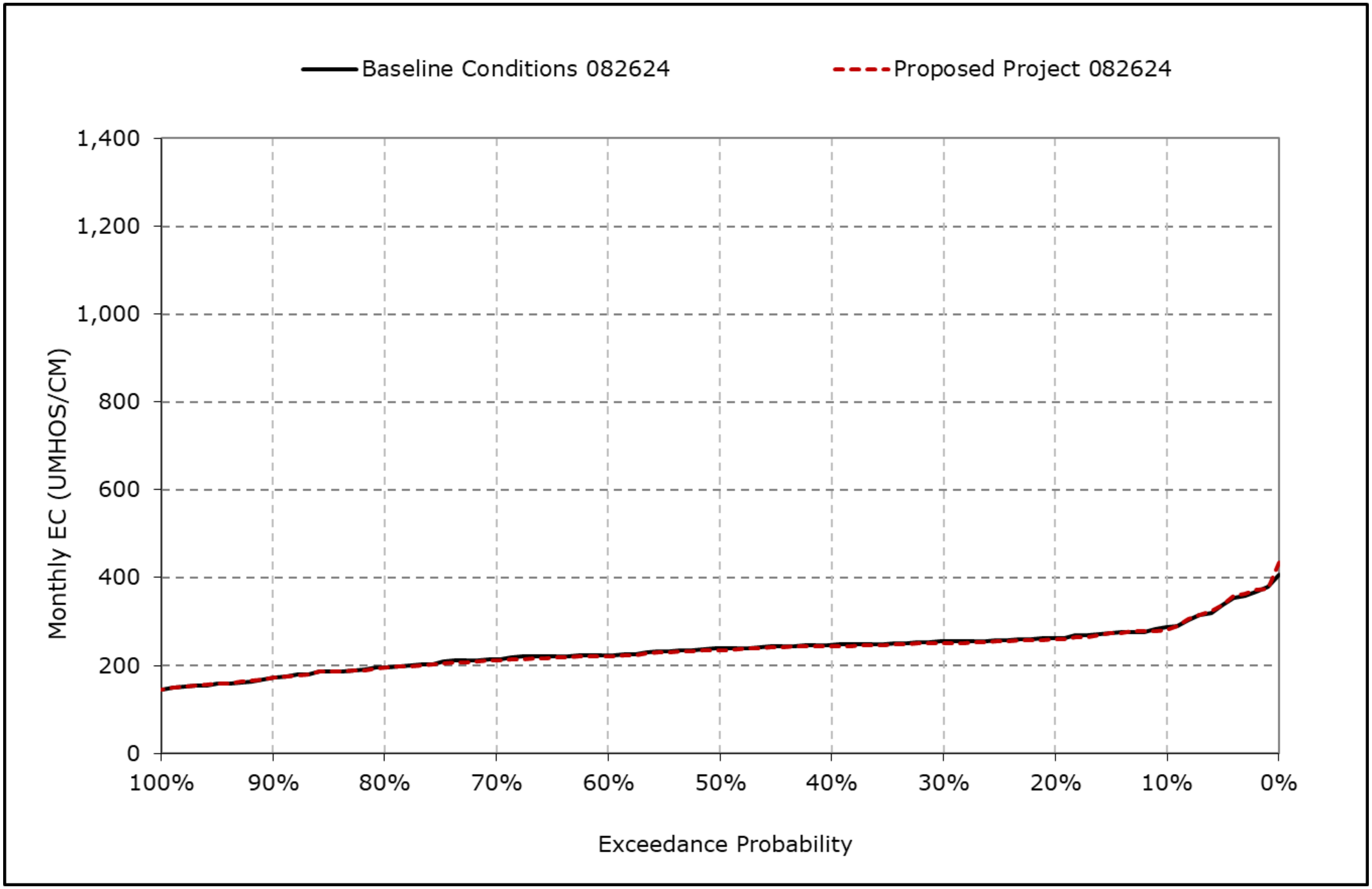
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13m. San Joaquin River at San Andreas Salinity, April EC



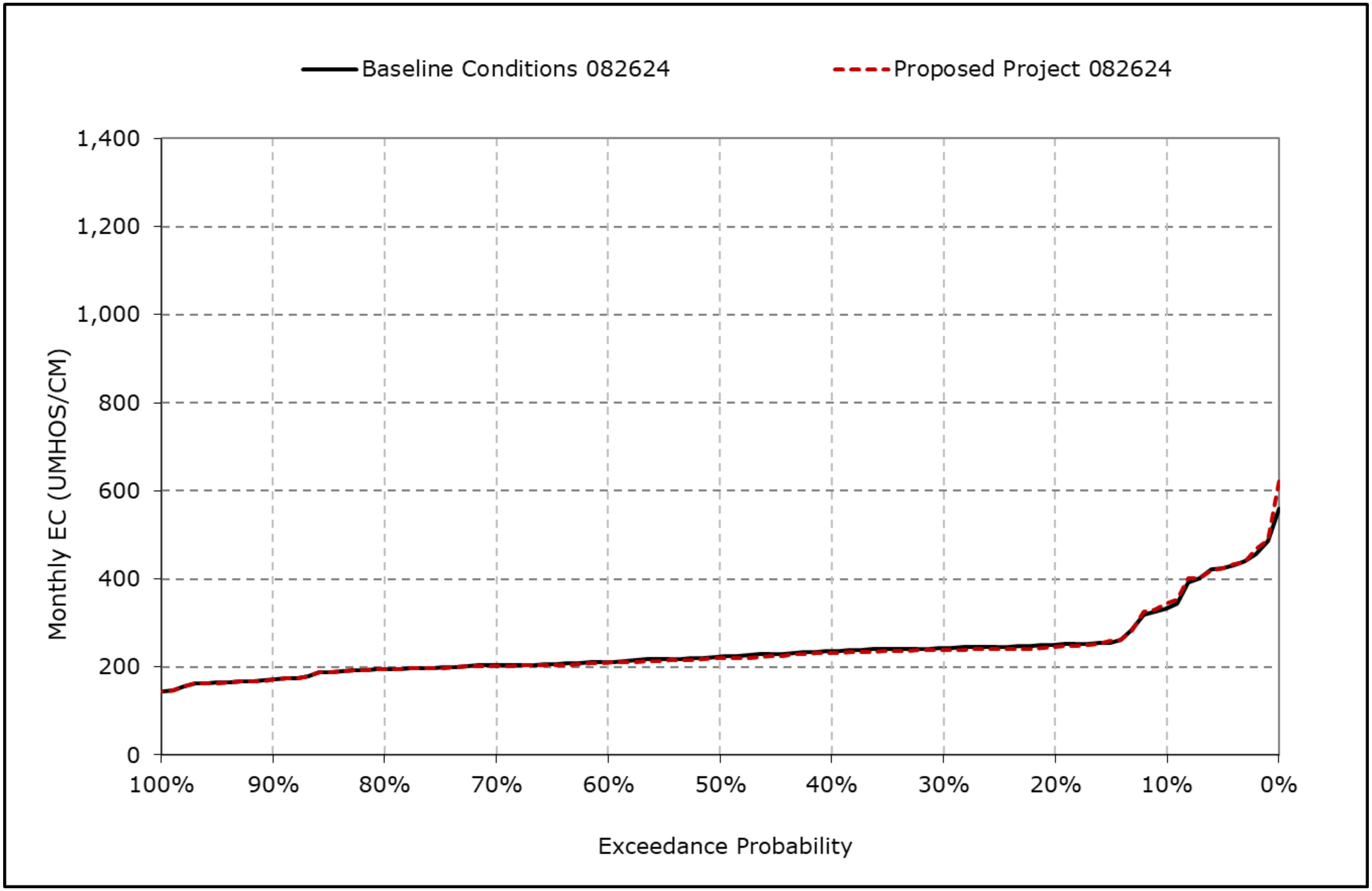
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13n. San Joaquin River at San Andreas Salinity, May EC



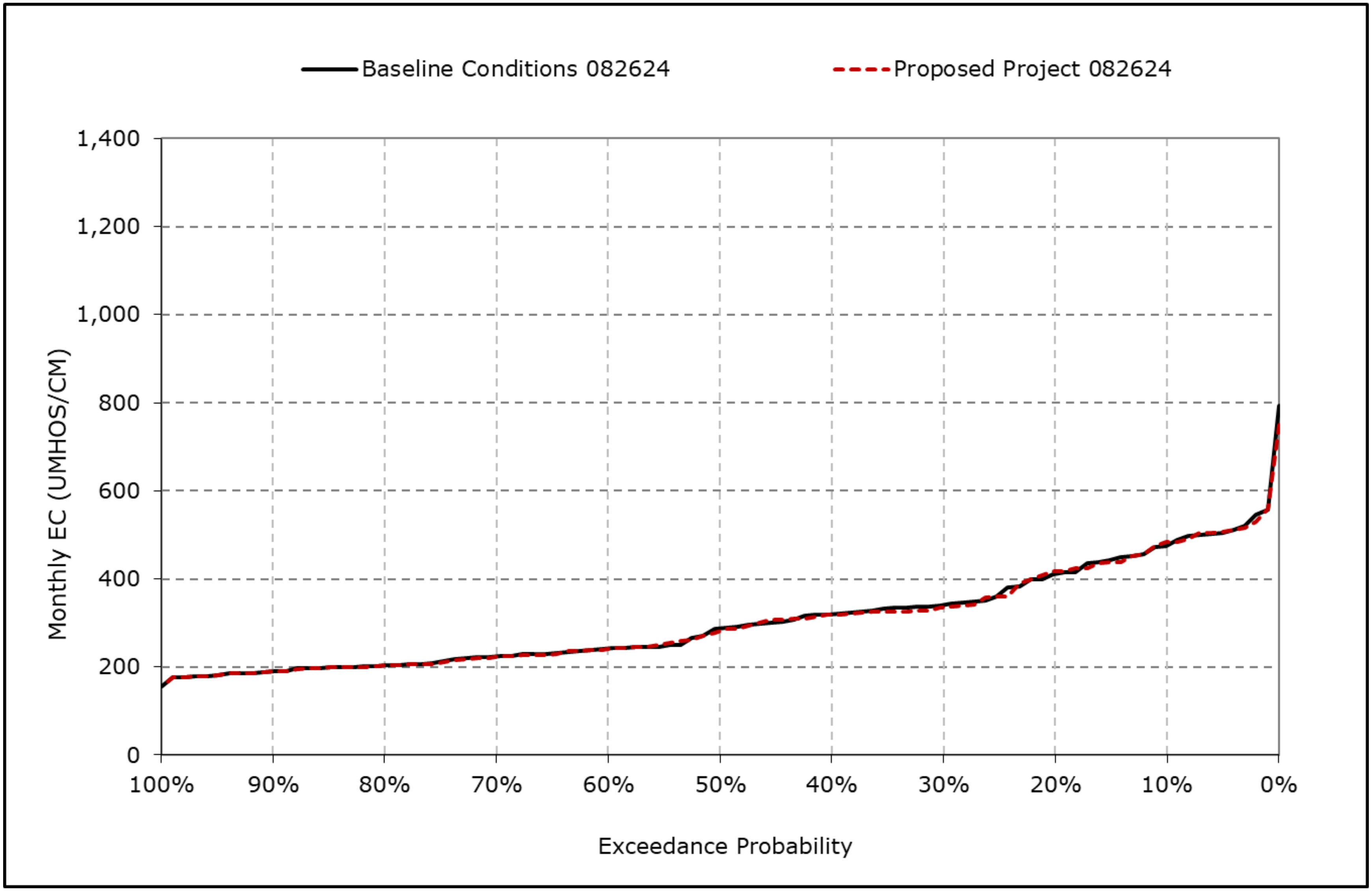
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13o. San Joaquin River at San Andreas Salinity, June EC



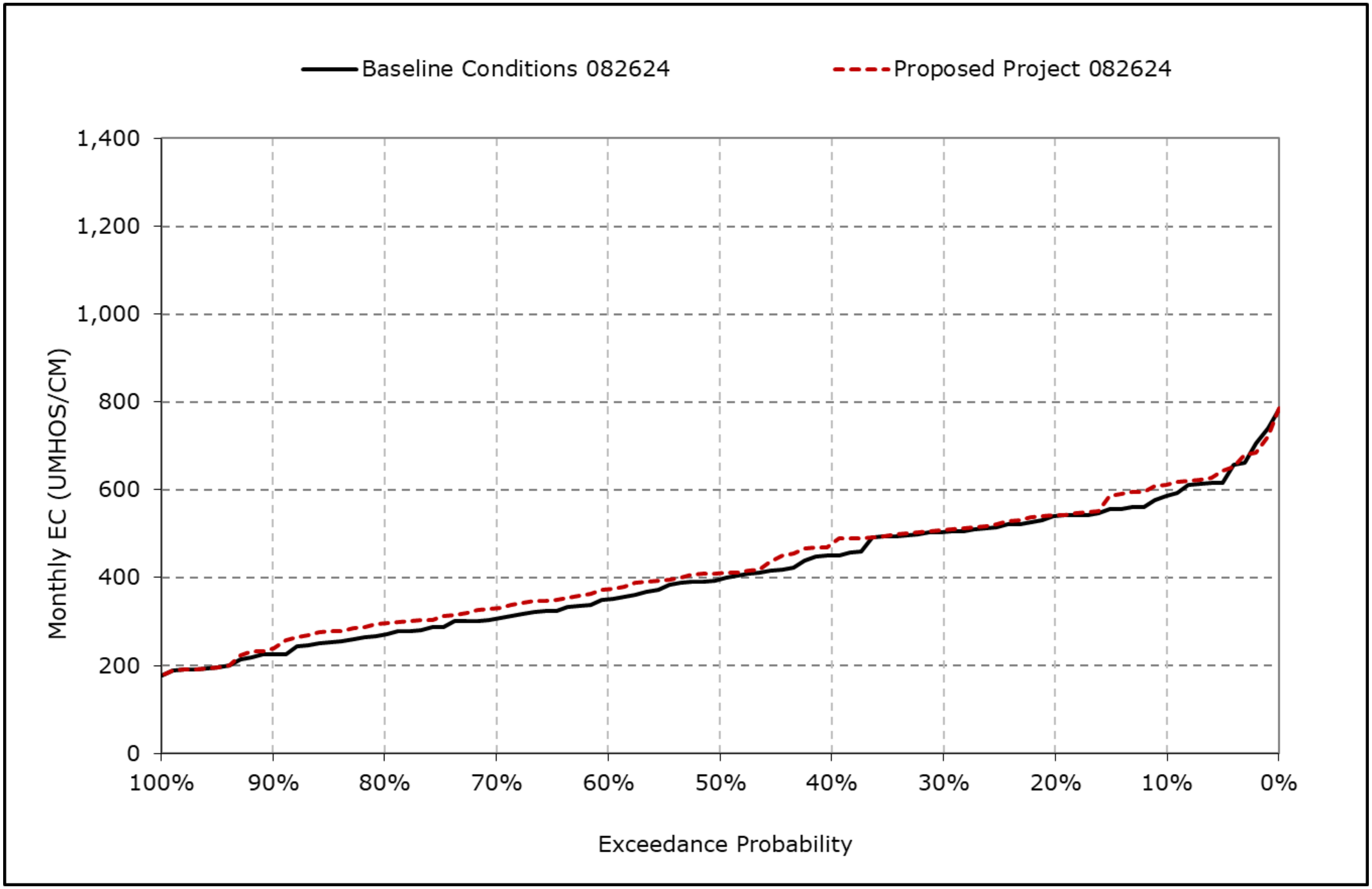
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13p. San Joaquin River at San Andreas Salinity, July EC



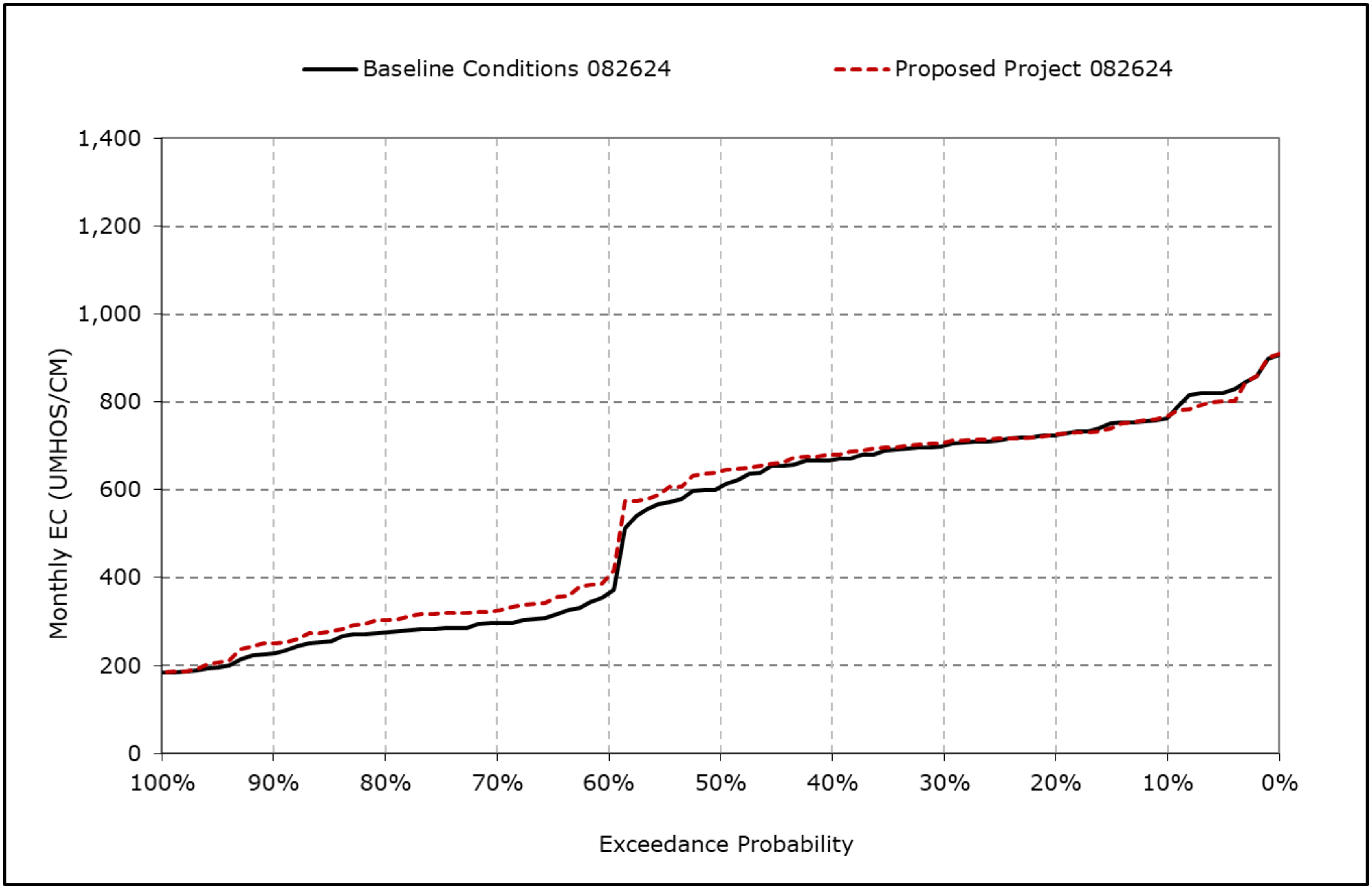
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-13q. San Joaquin River at San Andreas Salinity, August EC



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

Figure 4B-6-13r. San Joaquin River at San Andreas Salinity, September EC



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

Table 4B-6-14-1a. San Joaquin River at Prisoners Point Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	480	529	638	493	383	317	334	315	273	306	341	428
20% Exceedance	422	461	581	461	338	293	321	298	235	275	325	388
30% Exceedance	383	413	546	422	321	279	308	285	230	247	308	372
40% Exceedance	365	390	509	388	304	273	296	276	226	239	279	360
50% Exceedance	352	372	471	346	285	262	284	270	222	228	265	337
60% Exceedance	222	292	412	309	269	257	275	257	216	209	243	256
70% Exceedance	211	275	374	284	258	252	263	246	211	203	230	223
80% Exceedance	208	252	307	255	247	241	246	211	207	198	214	217
90% Exceedance	203	240	275	235	227	224	178	161	152	187	204	203
Full Simulation Period Average[a]	328	365	454	360	296	266	275	254	220	235	272	314
Wet Water Years (32%)	311	346	377	290	256	235	217	192	180	191	213	215
Above Normal Years (9%)	324	376	466	328	309	300	307	256	215	203	223	219
Below Normal Years (20%)	314	342	477	368	301	279	309	274	221	236	299	401
Dry Water Years (21%)	309	348	489	398	304	260	294	287	227	264	314	355
Critical Water Years (18%)	395	436	521	445	347	296	306	304	284	294	323	396

Table 4B-6-14-1b. San Joaquin River at Prisoners Point Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

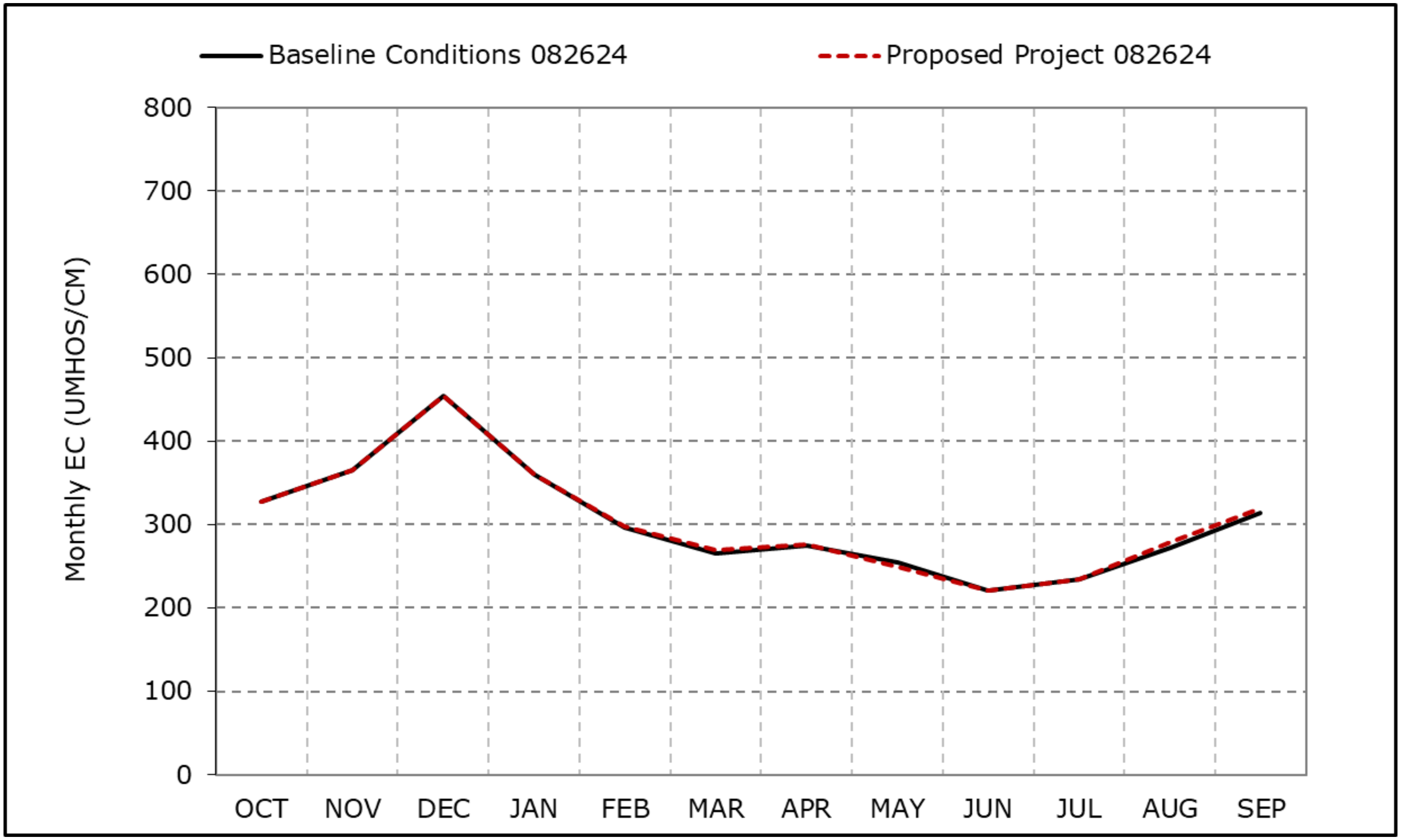
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	472	535	632	505	380	318	338	304	273	307	353	418
20% Exceedance	428	471	579	453	343	299	322	291	232	276	334	395
30% Exceedance	384	421	543	420	324	288	312	281	229	244	311	377
40% Exceedance	370	390	512	385	304	278	297	272	226	239	290	365
50% Exceedance	353	373	472	350	290	271	287	267	222	226	268	349
60% Exceedance	222	293	410	309	274	259	273	250	216	209	258	273
70% Exceedance	214	273	370	286	261	255	264	235	213	203	239	234
80% Exceedance	209	256	308	256	249	244	242	210	208	198	223	228
90% Exceedance	205	241	277	236	228	224	178	162	151	187	207	208
Full Simulation Period Average[a]	328	366	455	360	298	269	277	250	220	234	278	319
Wet Water Years (32%)	312	349	377	290	256	235	216	189	181	191	219	223
Above Normal Years (9%)	327	374	472	332	313	305	305	248	216	204	235	228
Below Normal Years (20%)	315	343	478	368	305	288	311	266	220	233	302	394
Dry Water Years (21%)	305	349	487	394	305	265	300	284	227	263	327	368
Critical Water Years (18%)	399	436	523	449	347	296	305	301	285	294	323	397

Table 4B-6-14-1c. San Joaquin River at Prisoners Point Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-7	6	-6	12	-3	2	3	-11	0	2	12	-10
20% Exceedance	6	10	-2	-8	5	6	1	-7	-3	1	9	7
30% Exceedance	0	8	-2	-2	3	8	4	-4	-1	-3	3	5
40% Exceedance	4	0	2	-3	0	5	1	-3	0	0	11	4
50% Exceedance	1	1	1	4	5	9	3	-3	0	-2	4	12
60% Exceedance	0	1	-1	0	5	2	-2	-7	0	0	15	17
70% Exceedance	3	-2	-3	2	3	2	1	-11	2	0	9	12
80% Exceedance	1	4	1	1	2	3	-4	-1	1	0	9	11
90% Exceedance	2	1	2	1	1	0	0	0	-1	0	3	5
Full Simulation Period Average[a]	0	1	1	0	2	3	1	-5	0	-1	6	5
Wet Water Years (32%)	1	3	0	0	1	0	-1	-3	1	0	5	9
Above Normal Years (9%)	3	-2	7	4	4	5	-1	-9	1	1	12	9
Below Normal Years (20%)	1	1	1	0	4	9	2	-8	-1	-3	3	-7
Dry Water Years (21%)	-5	1	-2	-5	1	5	6	-3	0	0	13	13
Critical Water Years (18%)	3	0	2	5	0	0	-1	-2	1	0	1	1

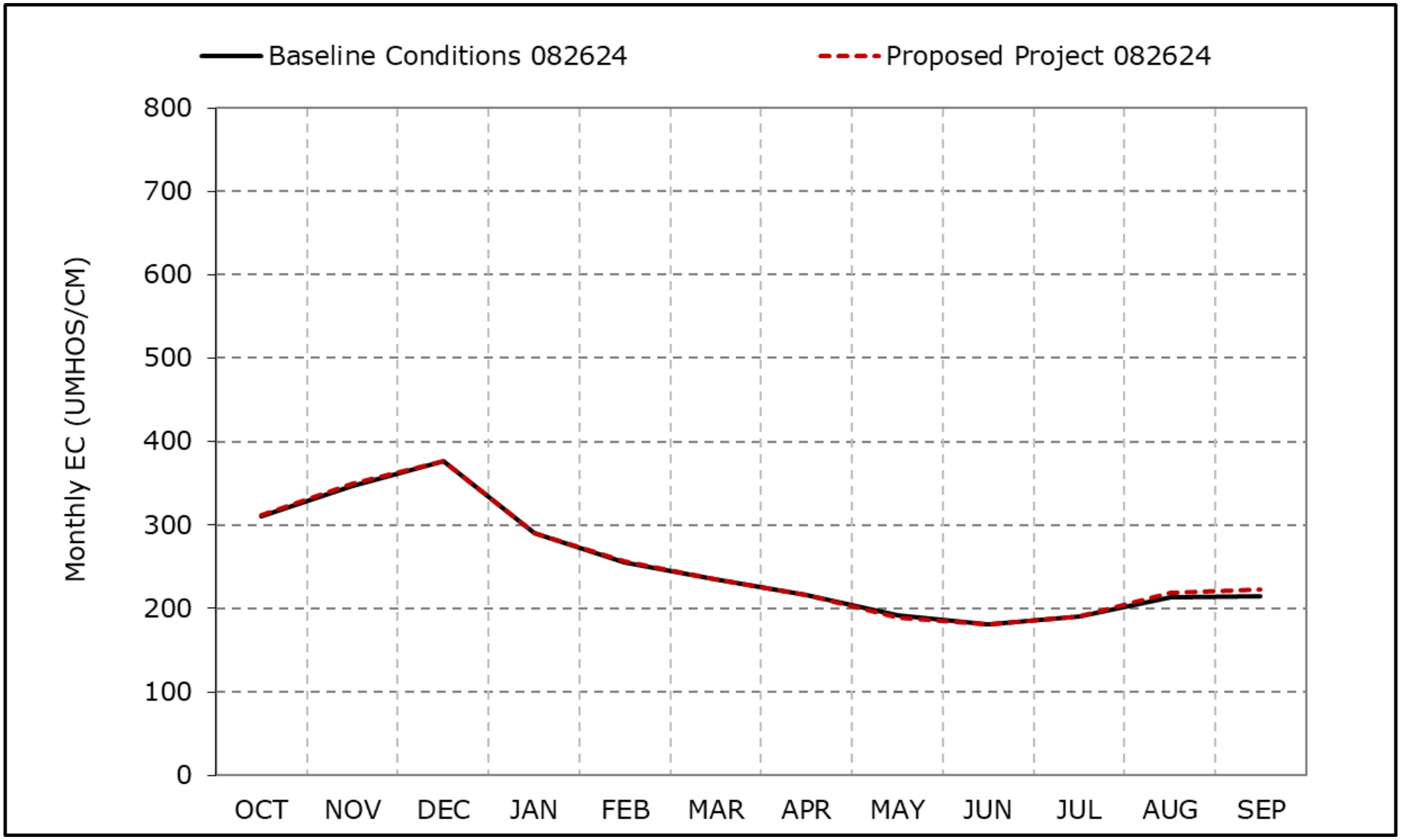
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-14a. San Joaquin River at Prisoners Point Salinity, Long-Term Average EC



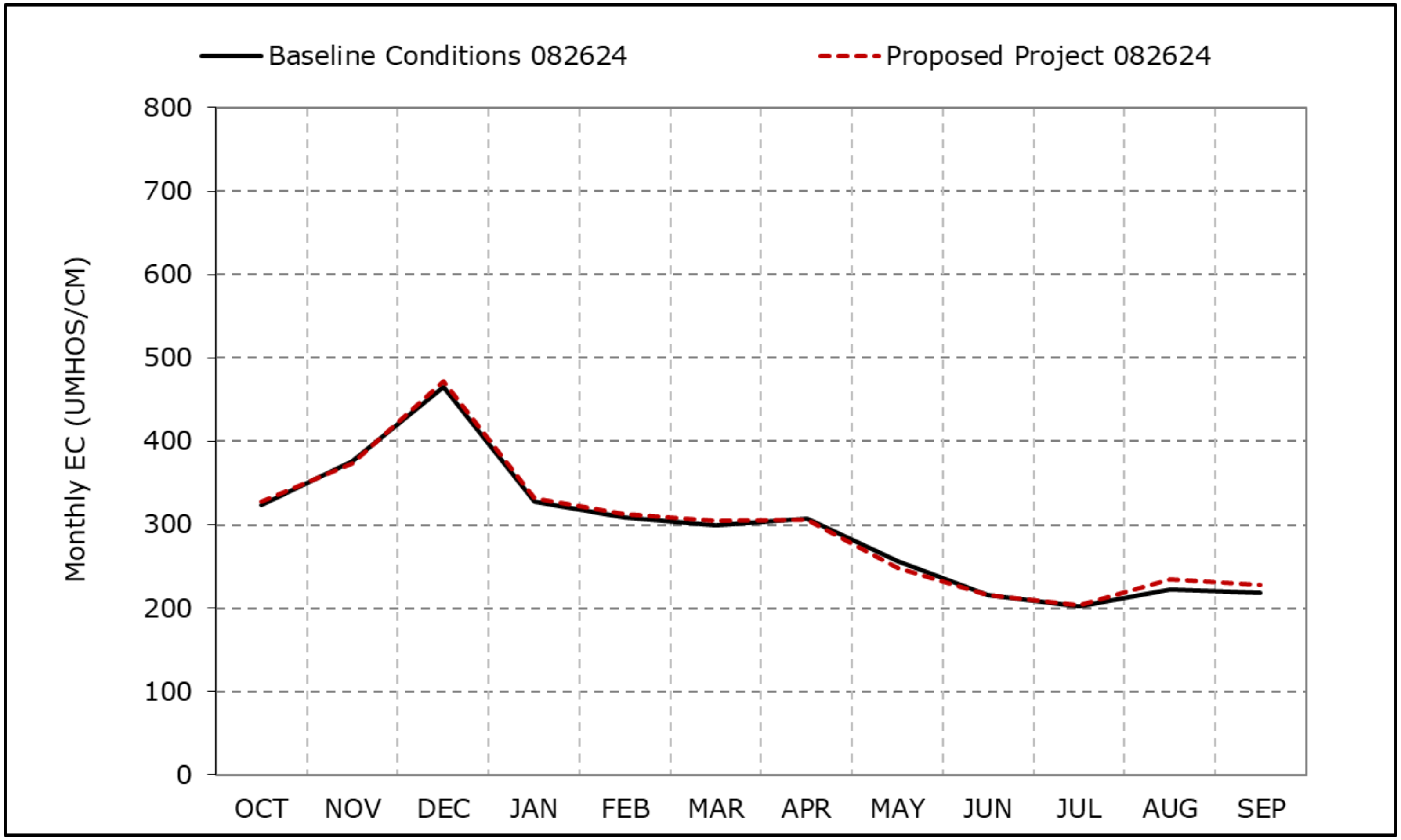
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14b. San Joaquin River at Prisoners Point Salinity, Wet Year Average EC



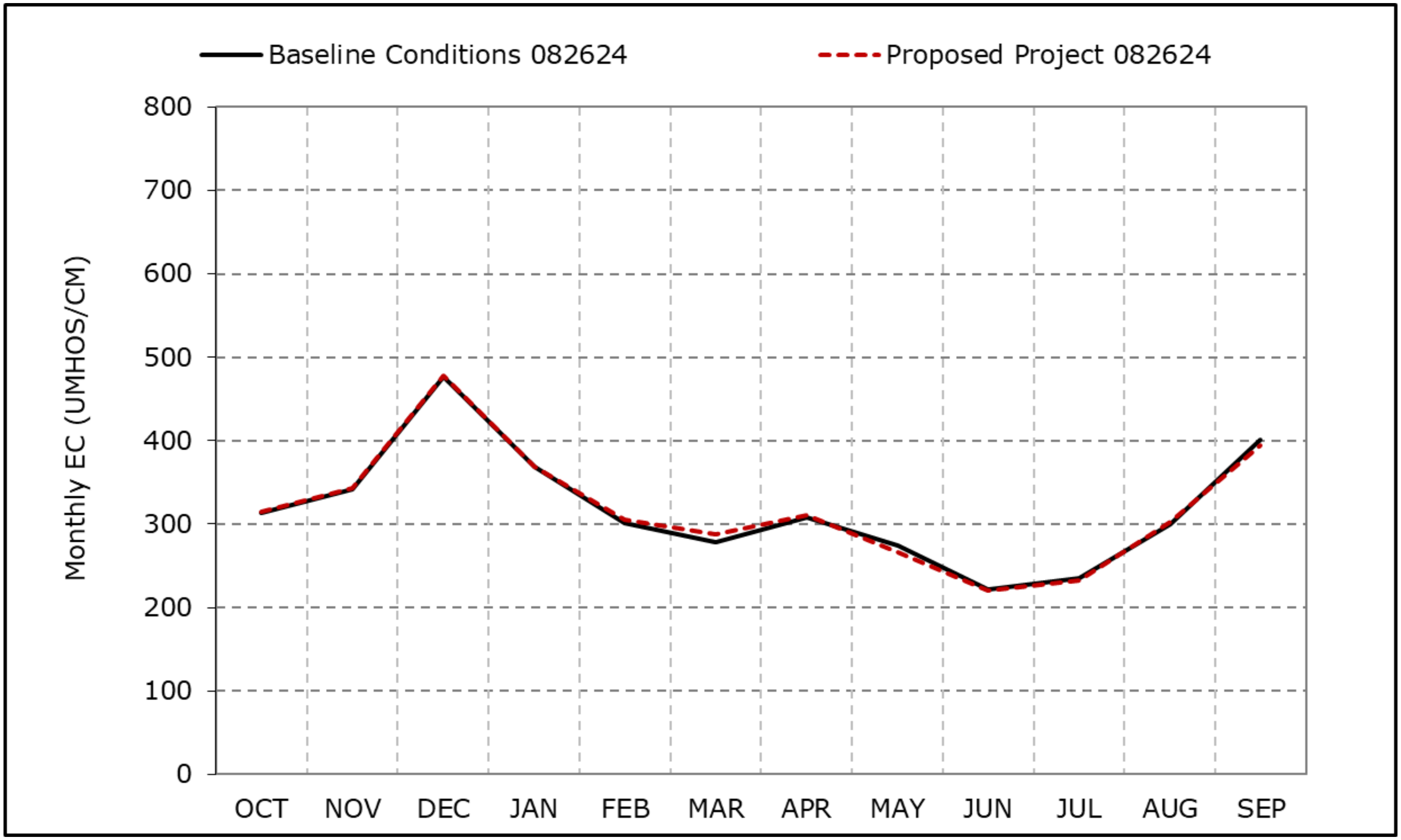
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14c. San Joaquin River at Prisoners Point Salinity, Above Normal Year Average EC



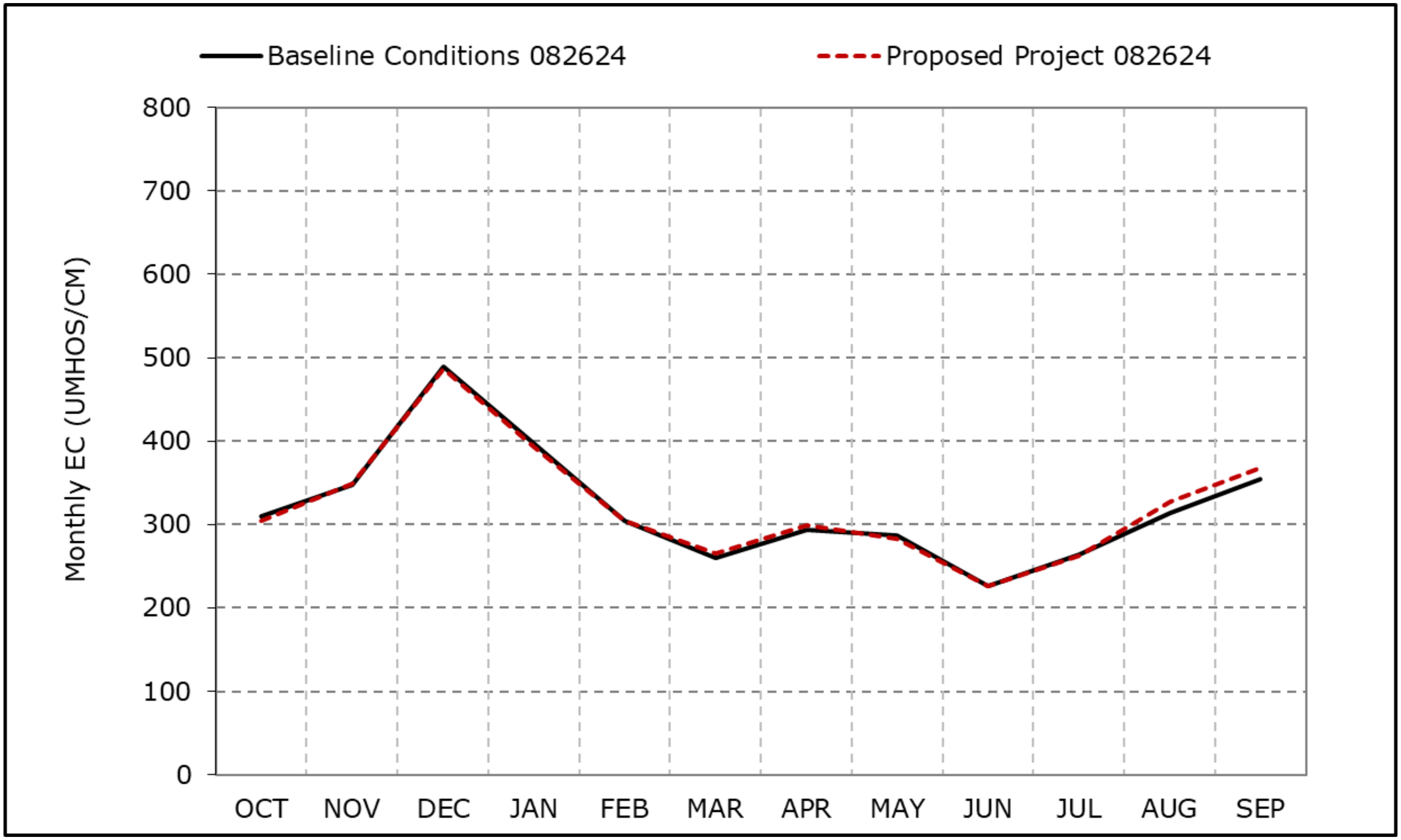
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14d. San Joaquin River at Prisoners Point Salinity, Below Normal Year Average EC



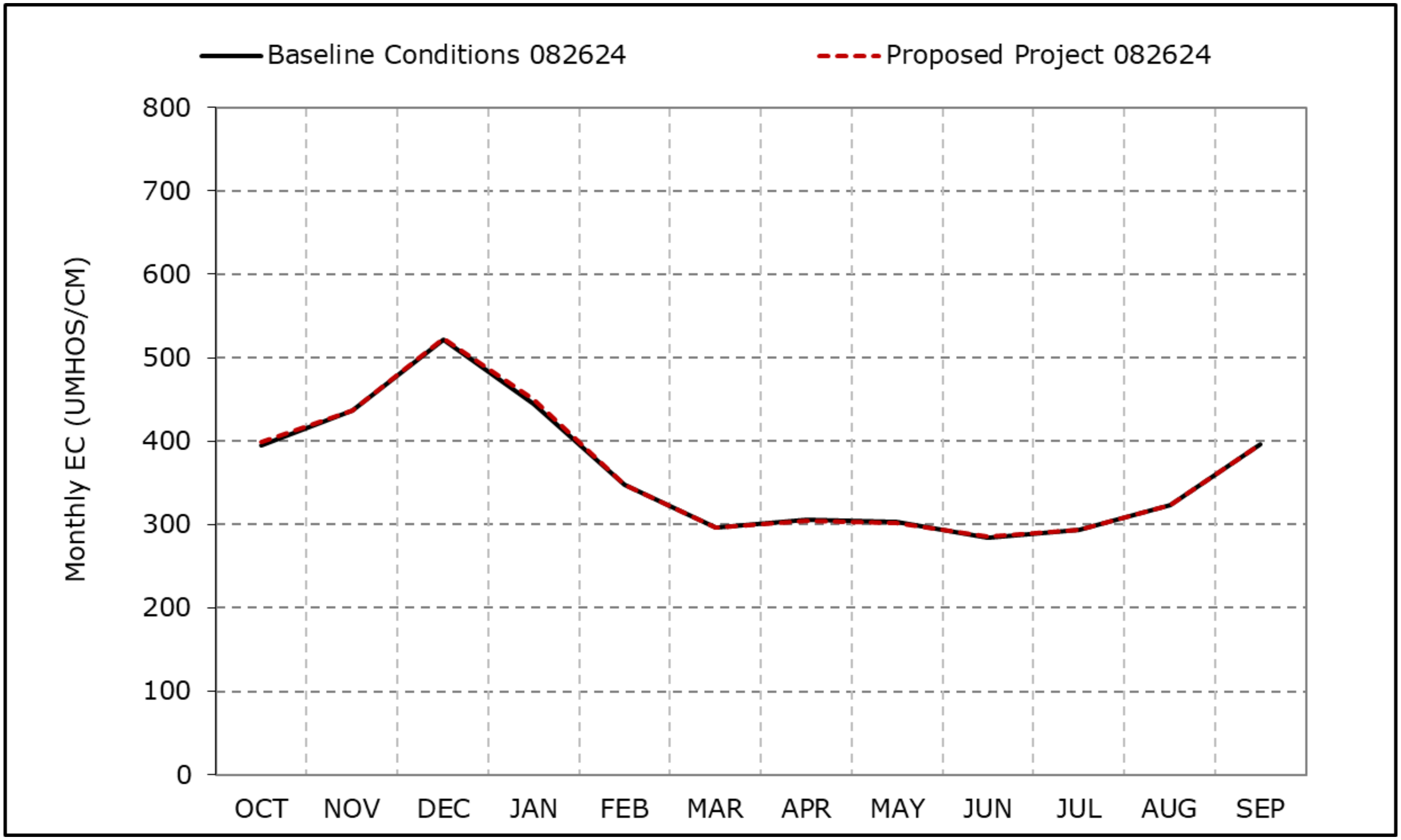
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14e. San Joaquin River at Prisoners Point Salinity, Dry Year Average EC



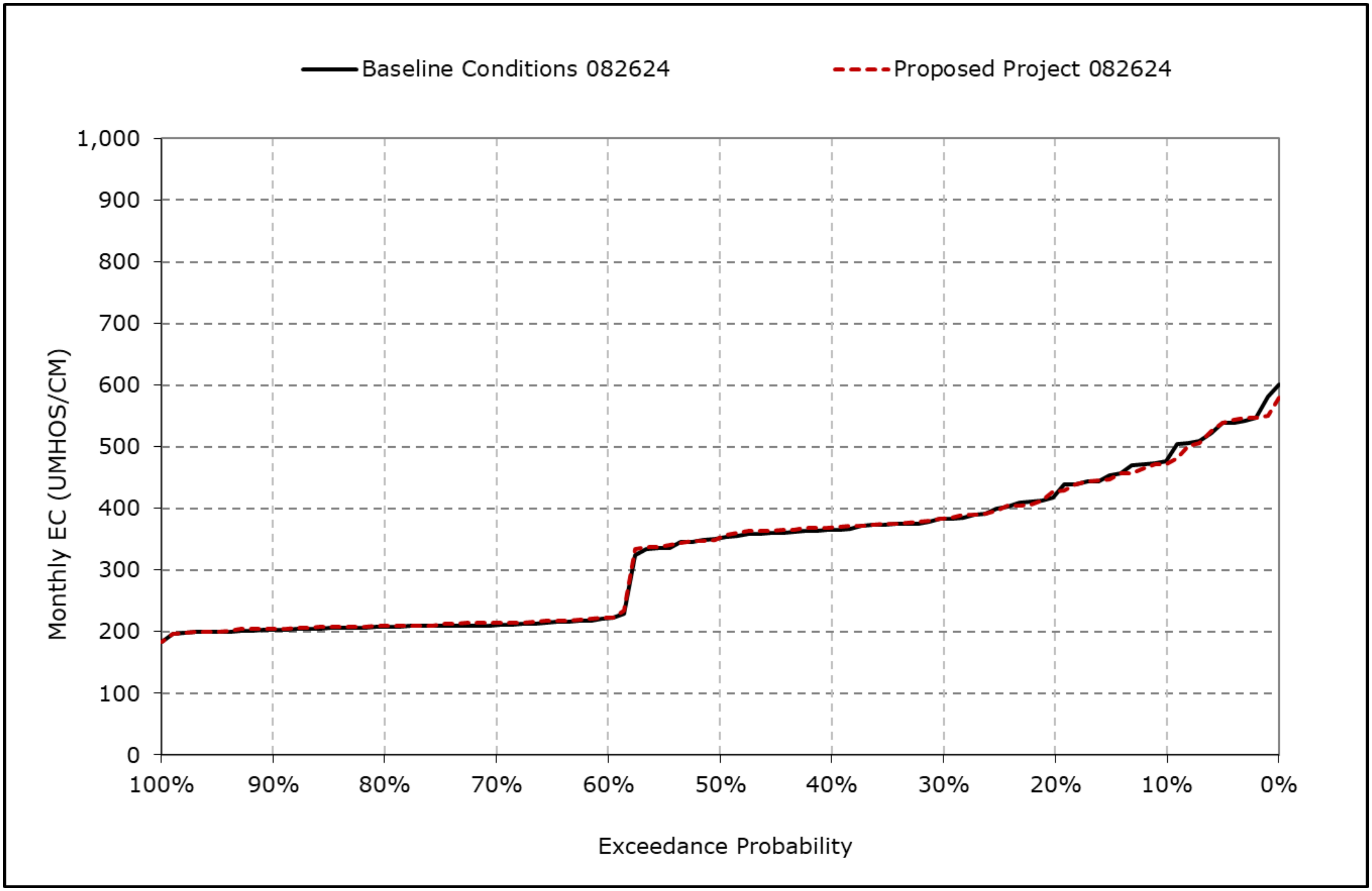
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14f. San Joaquin River at Prisoners Point Salinity, Critical Year Average EC



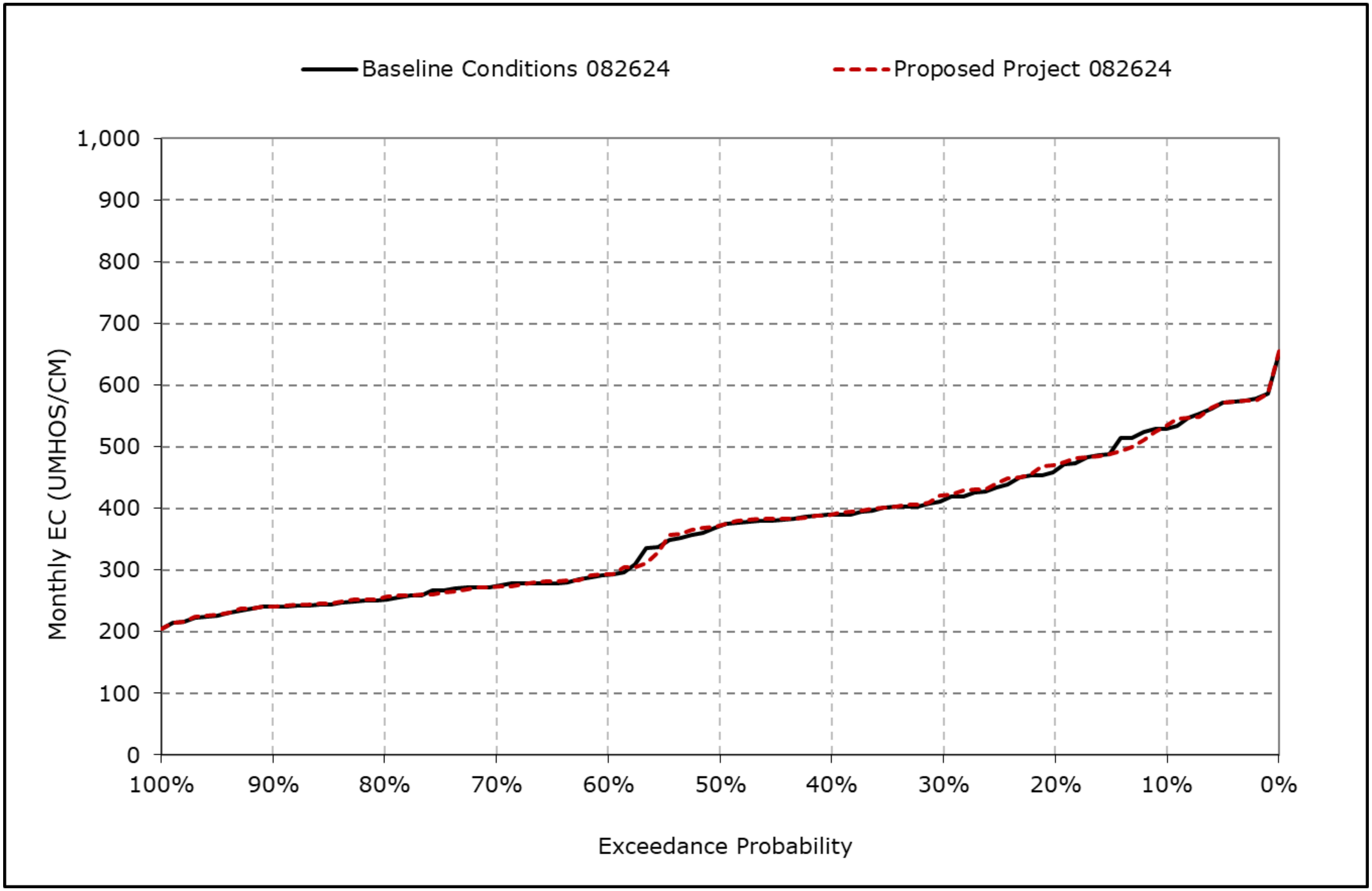
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14g. San Joaquin River at Prisoners Point Salinity, October EC



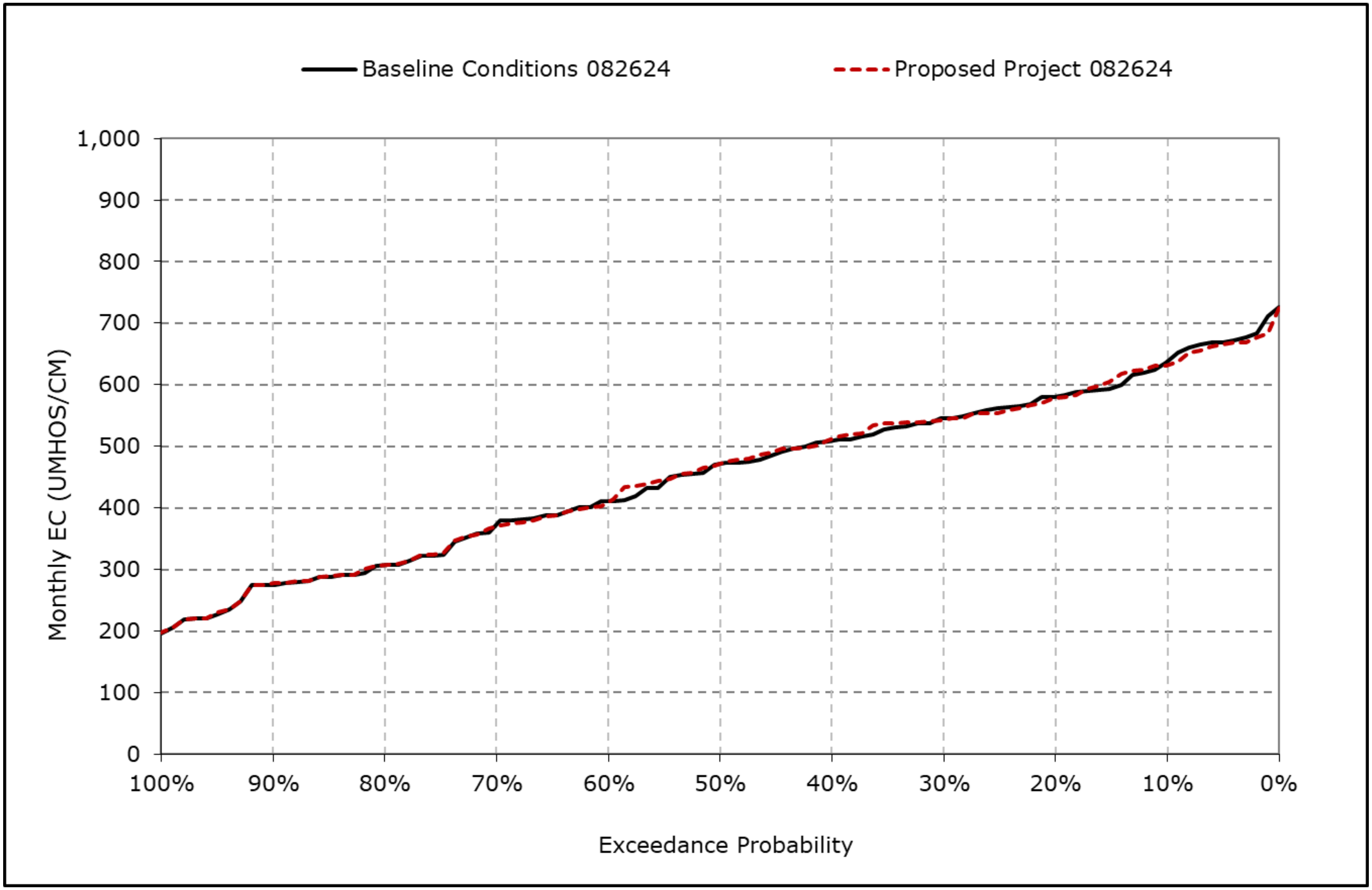
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14h. San Joaquin River at Prisoners Point Salinity, November EC



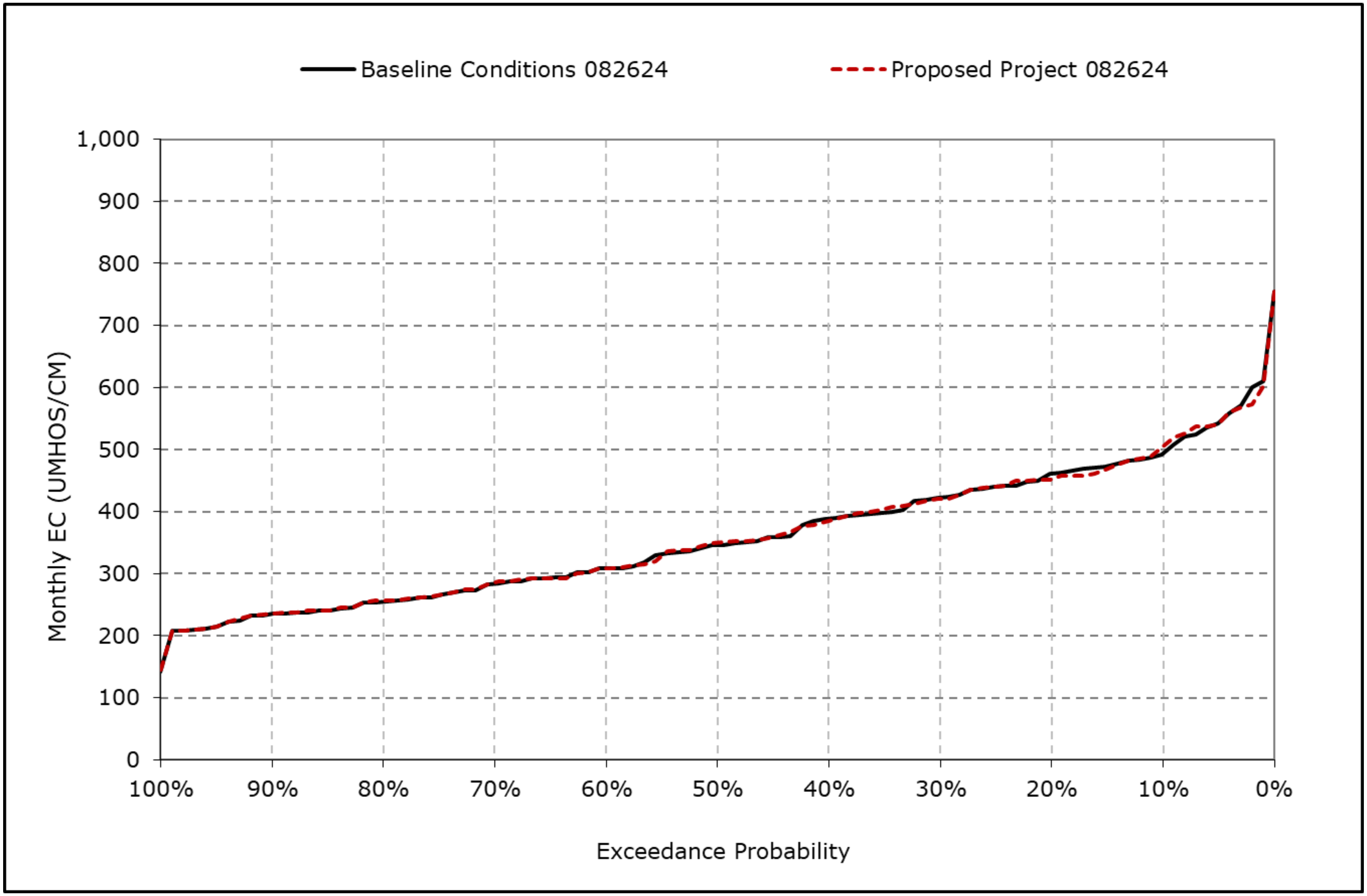
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14i. San Joaquin River at Prisoners Point Salinity, December EC



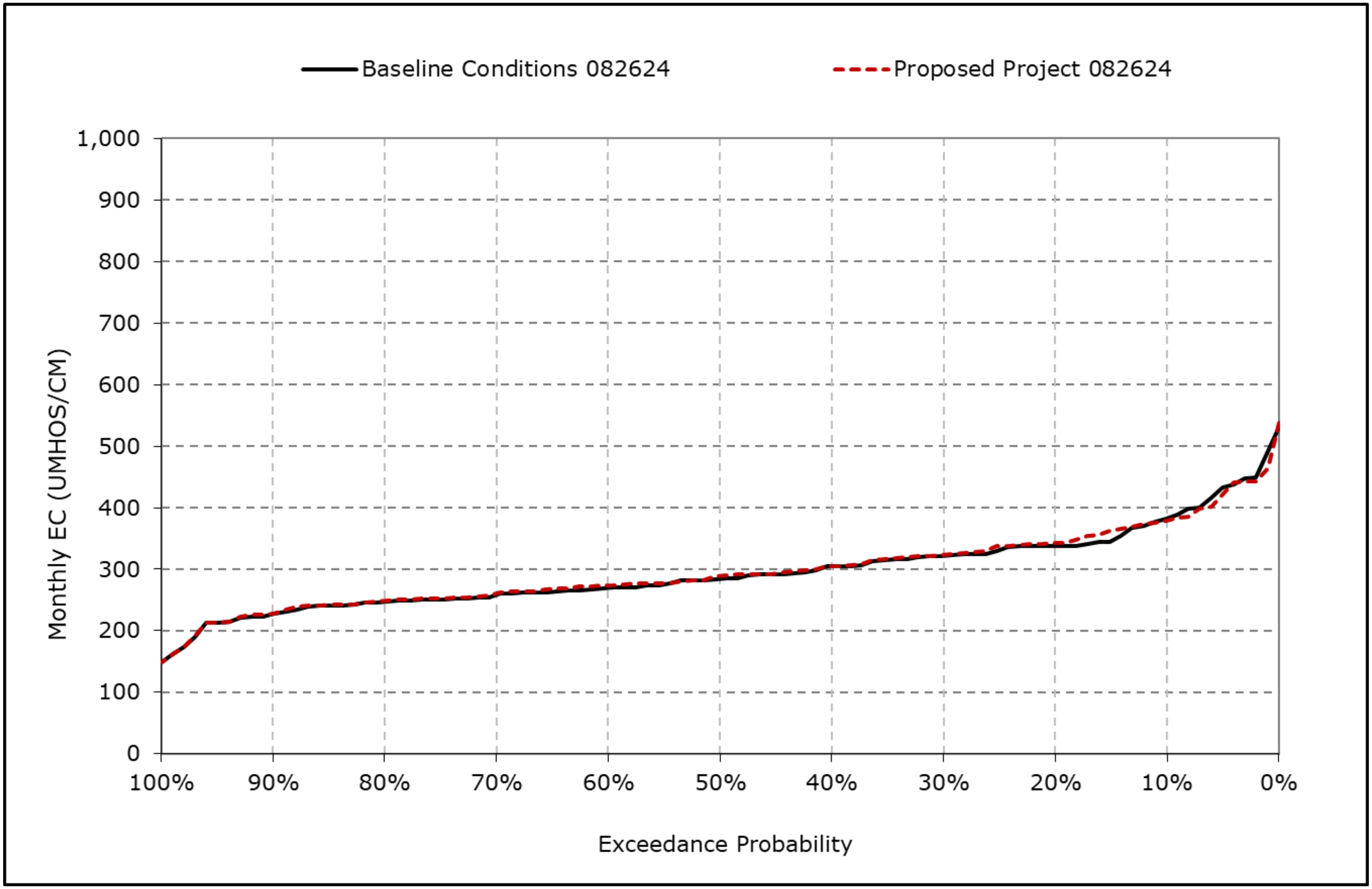
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14j. San Joaquin River at Prisoners Point Salinity, January EC



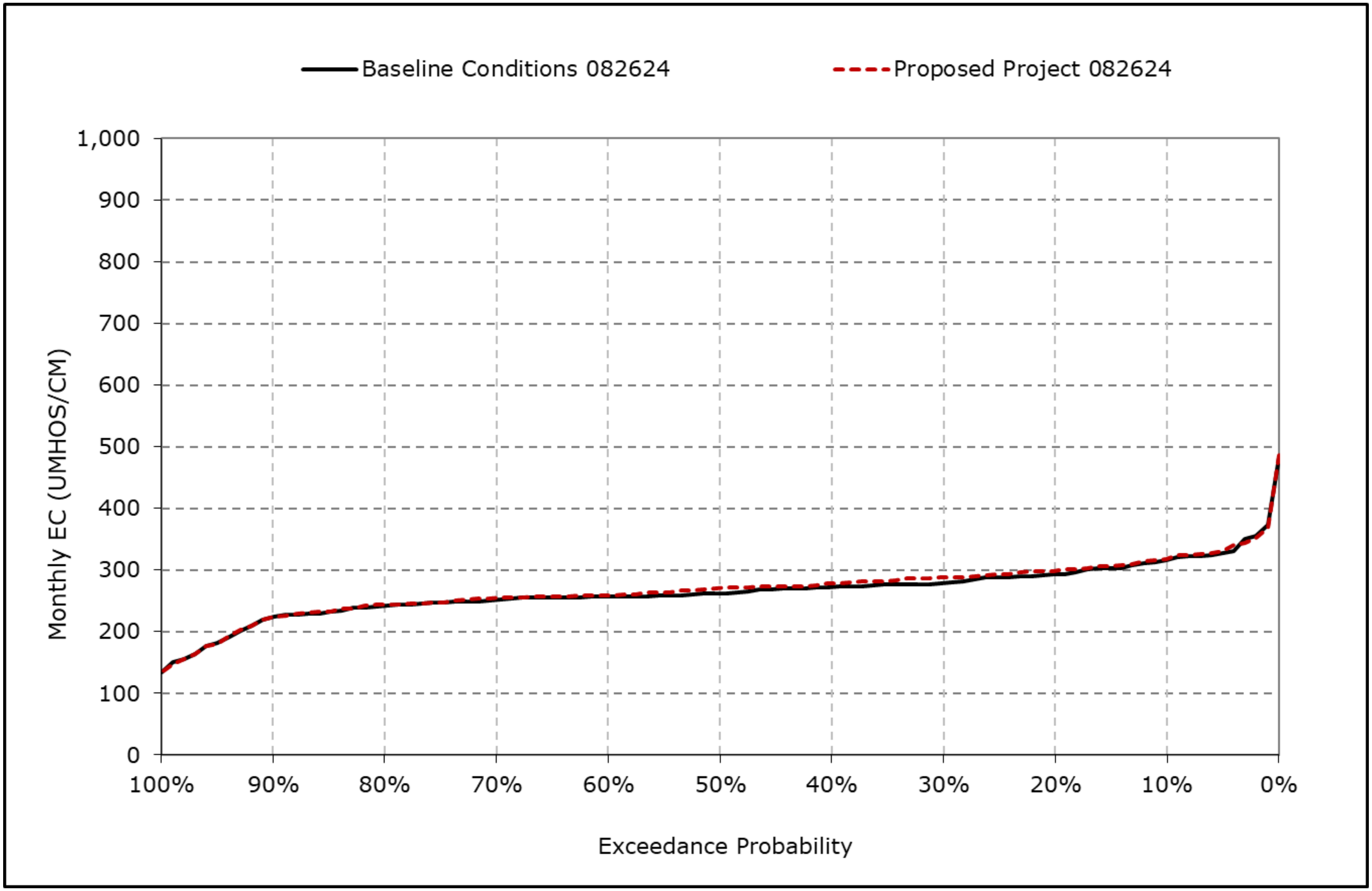
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14k. San Joaquin River at Prisoners Point Salinity, February EC



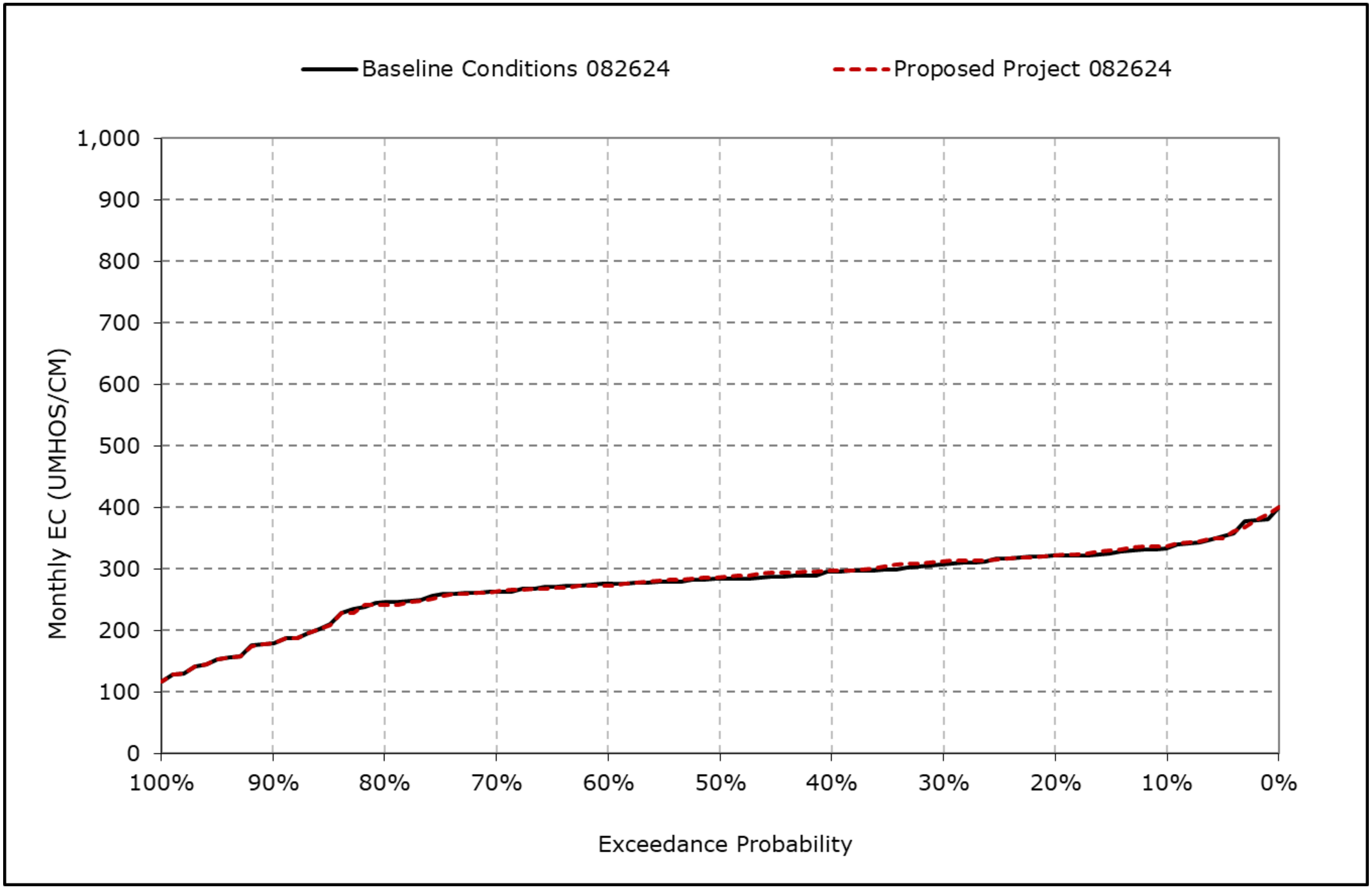
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14l. San Joaquin River at Prisoners Point Salinity, March EC



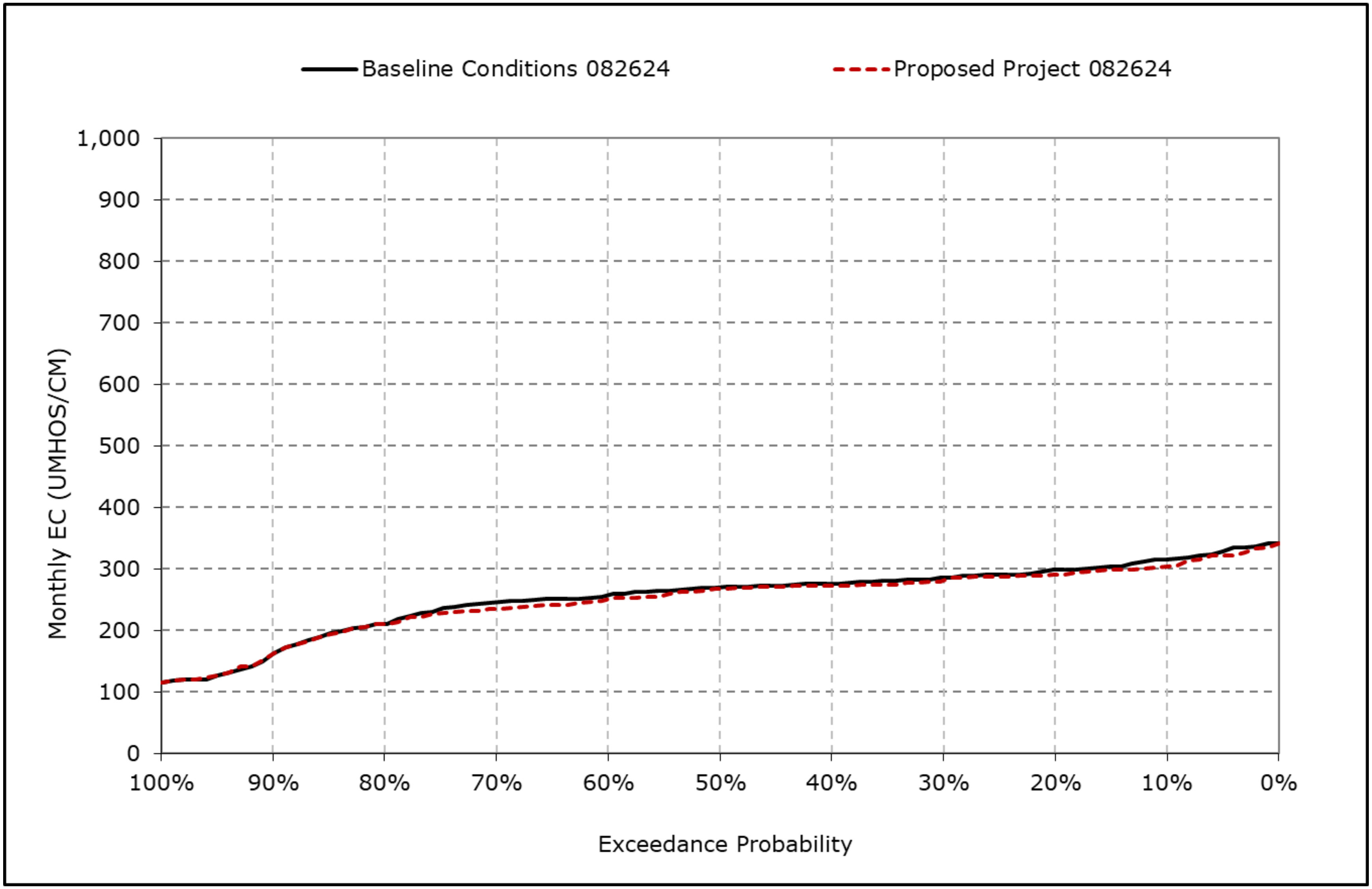
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14m. San Joaquin River at Prisoners Point Salinity, April EC



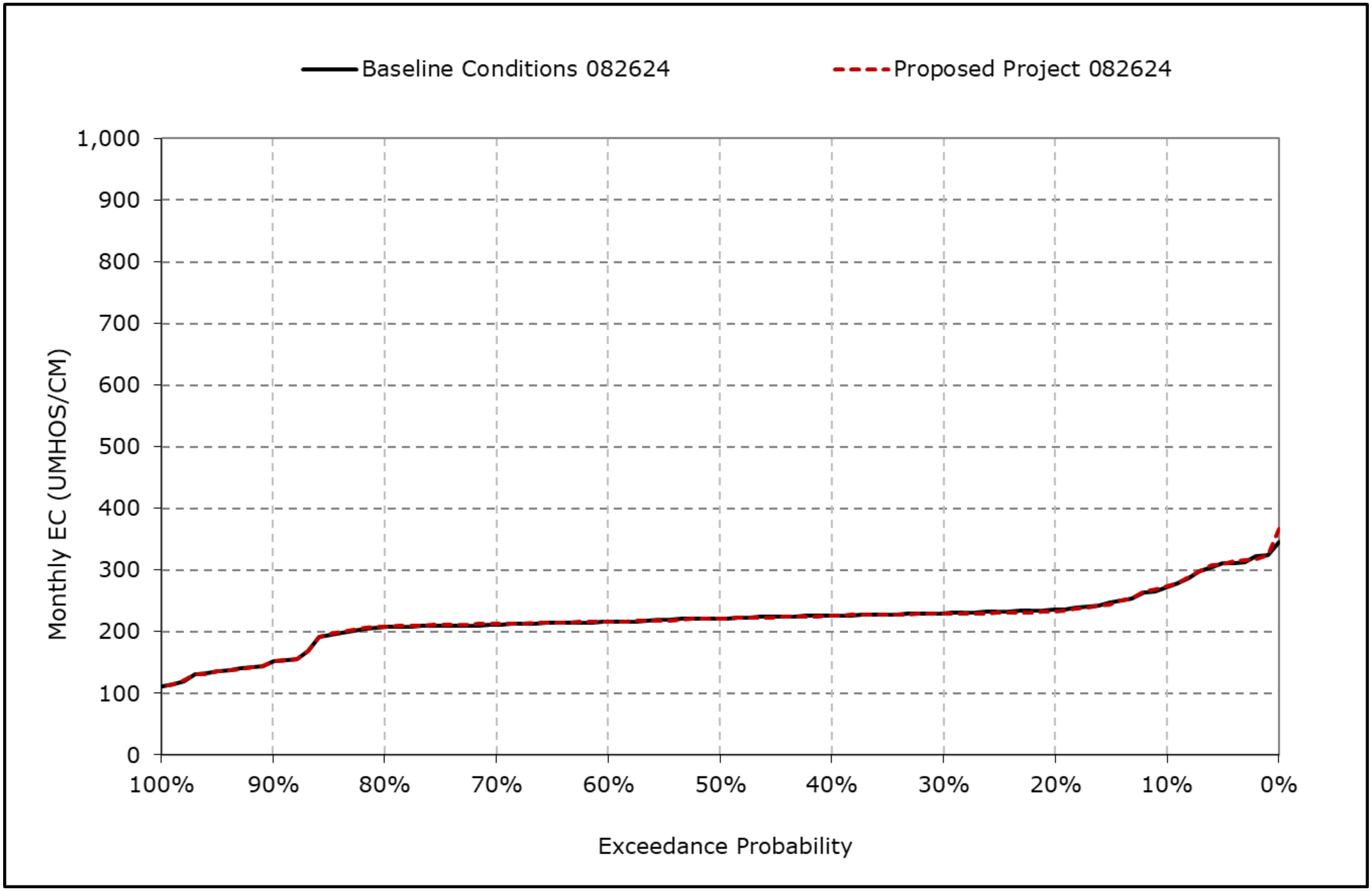
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14n. San Joaquin River at Prisoners Point Salinity, May EC



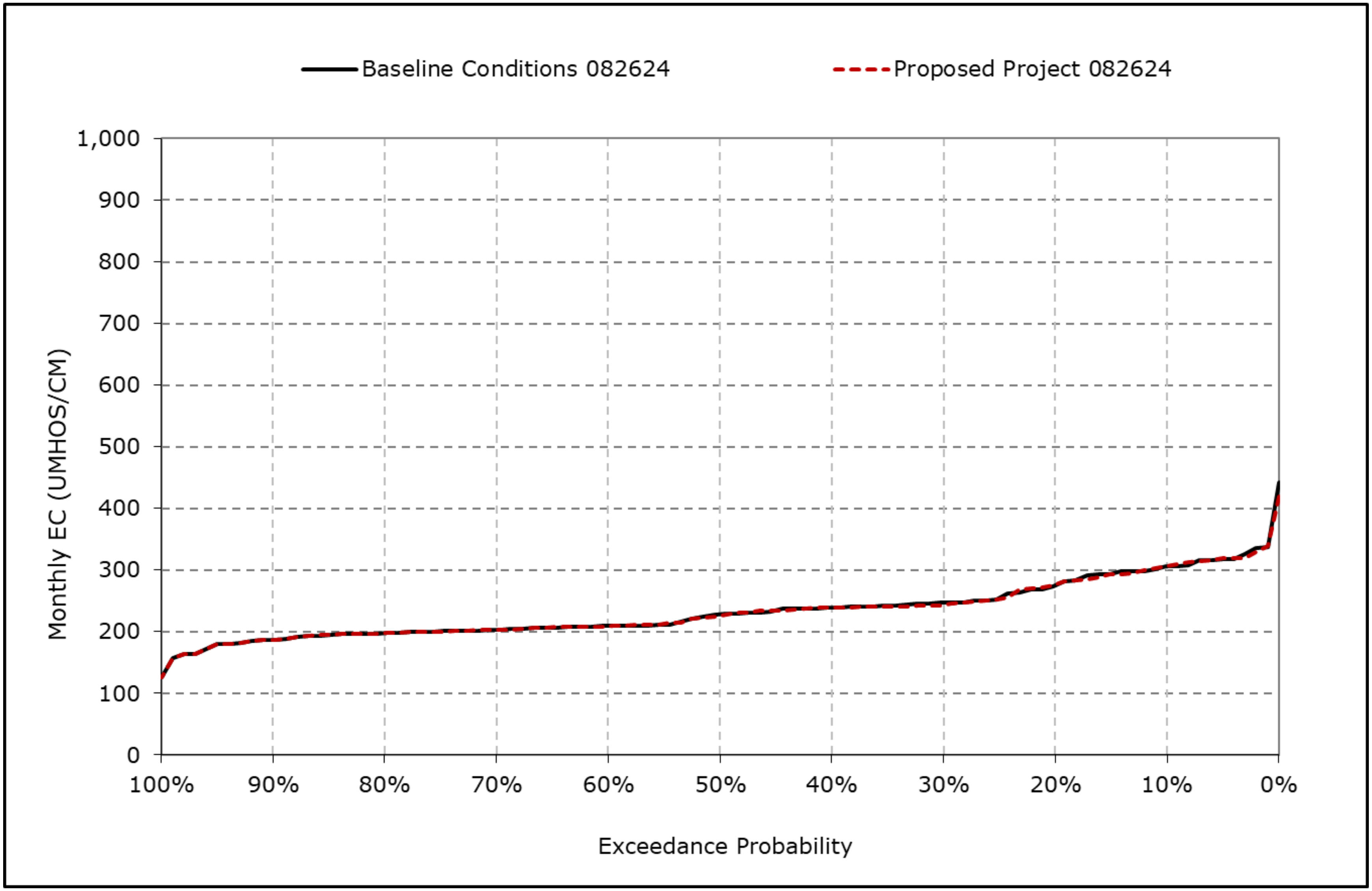
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14o. San Joaquin River at Prisoners Point Salinity, June EC



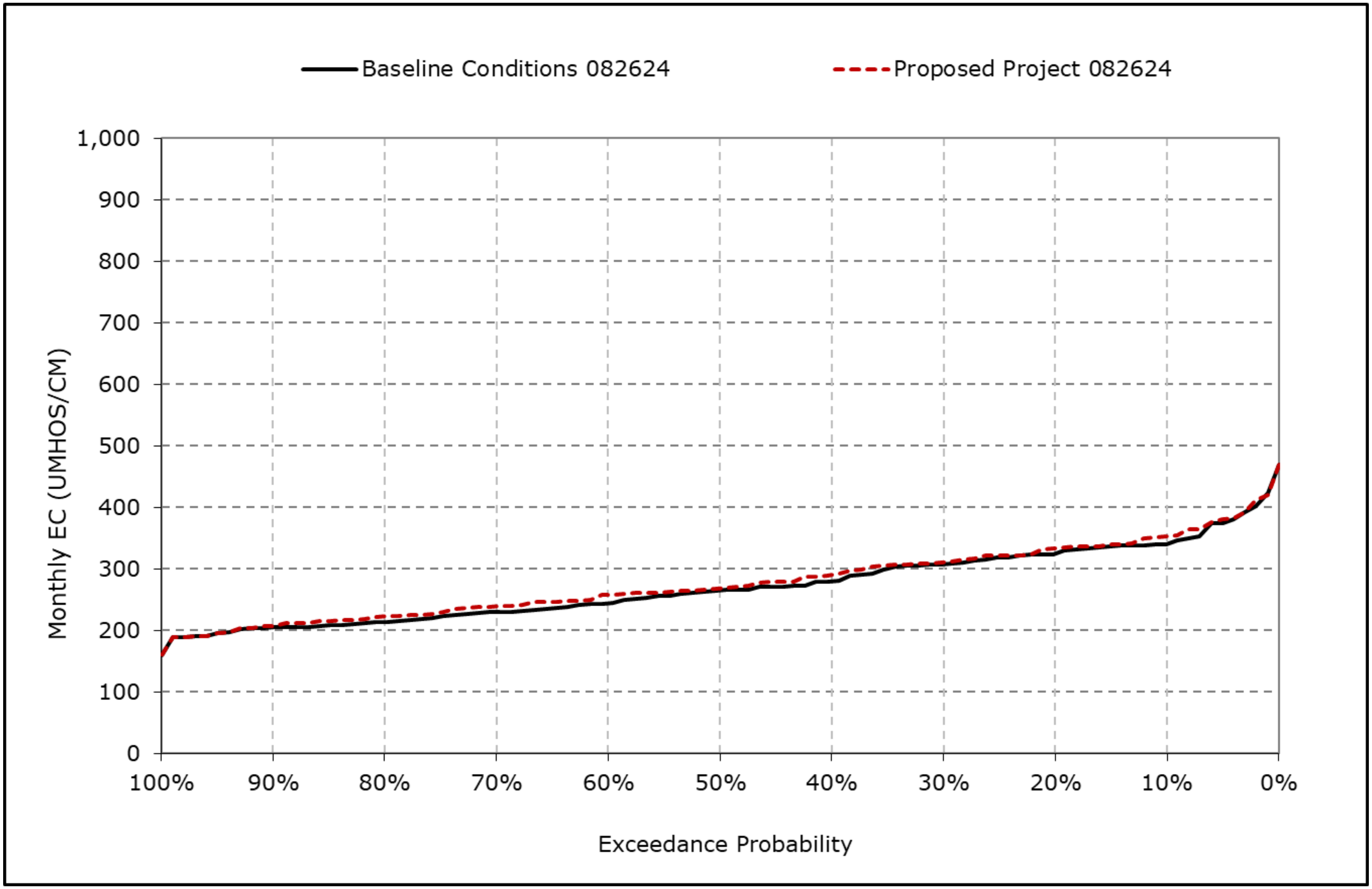
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14p. San Joaquin River at Prisoners Point Salinity, July EC



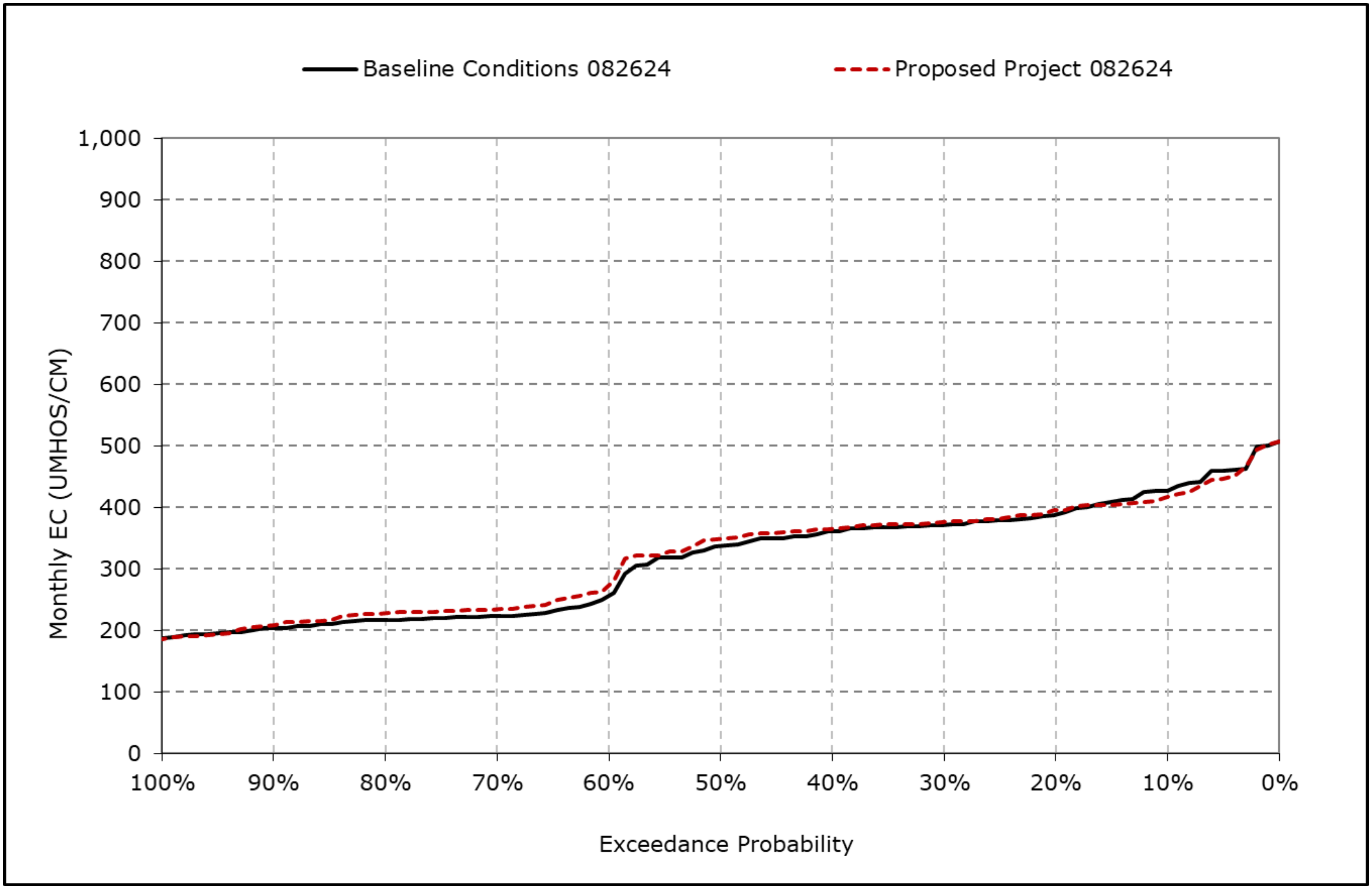
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-14q. San Joaquin River at Prisoners Point Salinity, August EC



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

Figure 4B-6-14r. San Joaquin River at Prisoners Point Salinity, September EC



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

Table 4B-6-15-1a. Old River at Rock Slough Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	863	936	961	774	559	372	387	401	359	484	600	757
20% Exceedance	789	818	906	714	453	320	366	361	279	393	524	695
30% Exceedance	717	721	876	664	396	305	343	340	272	339	491	664
40% Exceedance	696	688	839	578	357	294	321	321	264	322	443	634
50% Exceedance	654	639	746	485	313	287	308	304	254	295	384	578
60% Exceedance	261	398	633	393	300	279	295	281	238	247	338	388
70% Exceedance	236	354	545	316	288	271	286	264	226	229	295	319
80% Exceedance	226	310	430	269	256	258	275	229	216	210	263	297
90% Exceedance	219	278	326	241	241	247	236	196	173	192	226	242
Full Simulation Period Average[a]	538	578	692	503	361	297	313	300	263	311	403	512
Wet Water Years (32%)	499	523	534	334	295	266	257	217	198	208	257	280
Above Normal Years (9%)	506	574	692	440	305	295	332	283	231	229	284	305
Below Normal Years (20%)	502	536	736	544	344	289	344	336	255	310	445	683
Dry Water Years (21%)	506	558	753	588	397	293	322	341	267	369	515	623
Critical Water Years (18%)	698	747	851	690	482	366	360	369	402	472	544	710

Table 4B-6-15-1b. Old River at Rock Slough Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

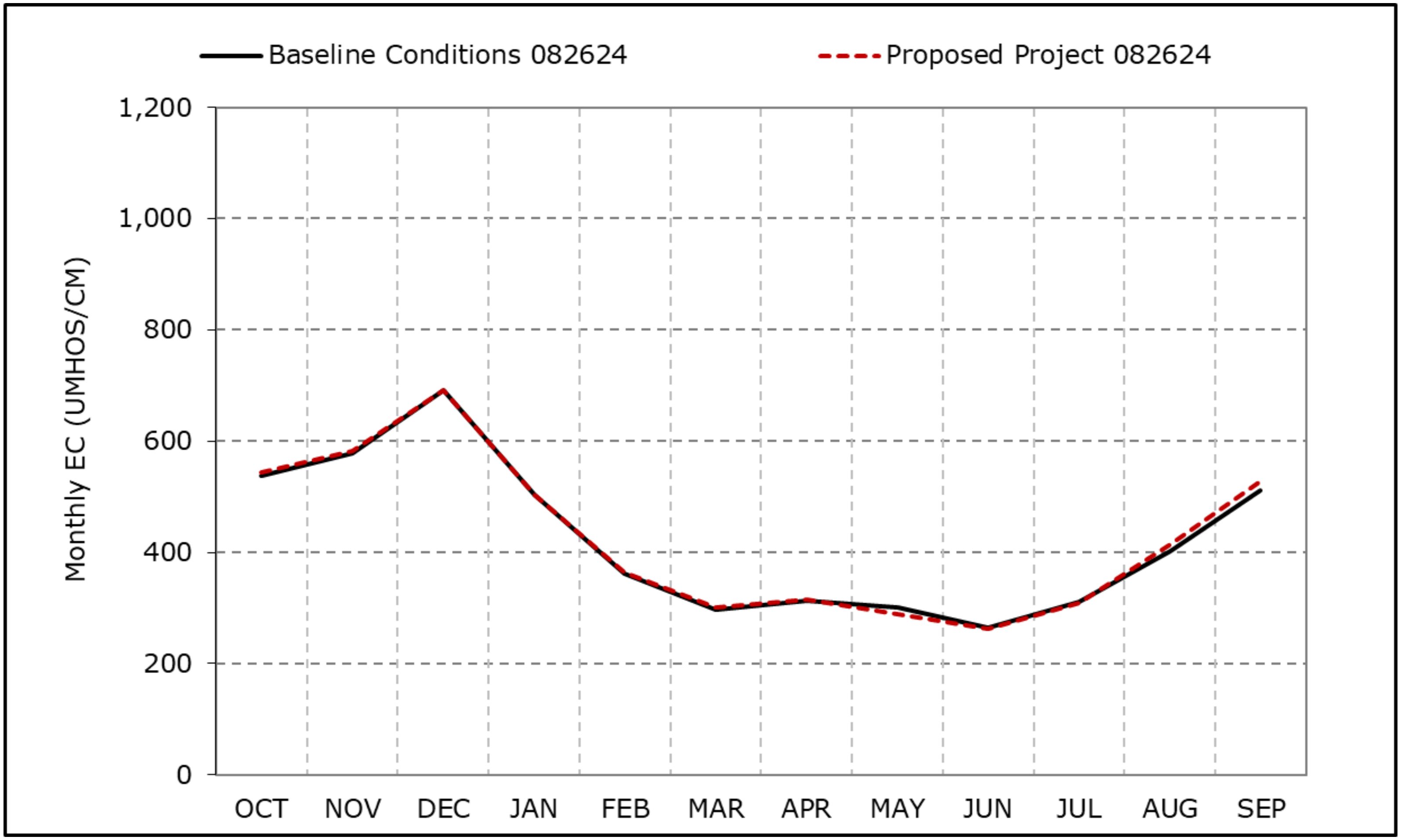
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	862	935	968	792	554	381	394	373	367	483	606	746
20% Exceedance	803	830	907	704	457	322	369	348	276	389	538	702
30% Exceedance	753	722	880	657	399	312	354	328	268	331	492	674
40% Exceedance	699	690	826	579	361	302	334	314	262	321	461	649
50% Exceedance	664	651	749	478	319	292	316	301	247	286	399	612
60% Exceedance	275	398	641	392	304	288	301	279	236	246	354	424
70% Exceedance	247	353	557	314	288	279	291	250	226	226	315	349
80% Exceedance	232	314	433	271	262	258	258	219	217	211	281	329
90% Exceedance	222	278	328	242	240	248	217	192	173	192	238	278
Full Simulation Period Average[a]	544	582	692	503	363	302	315	290	263	310	414	528
Wet Water Years (32%)	507	530	533	334	296	269	249	209	198	207	268	305
Above Normal Years (9%)	514	570	698	449	311	303	320	265	231	230	309	332
Below Normal Years (20%)	510	539	739	545	349	301	365	319	249	302	448	672
Dry Water Years (21%)	505	559	754	578	399	299	331	330	265	367	540	658
Critical Water Years (18%)	709	753	850	699	484	364	357	365	406	474	544	711

Table 4B-6-15-1c. Old River at Rock Slough Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-2	-1	6	18	-5	9	7	-28	8	-1	6	-11
20% Exceedance	14	12	1	-10	4	3	3	-13	-2	-4	14	7
30% Exceedance	36	1	4	-7	4	6	12	-12	-4	-8	2	10
40% Exceedance	3	2	-13	1	5	8	13	-7	-3	-1	18	15
50% Exceedance	10	12	3	-6	6	5	8	-3	-7	-9	14	34
60% Exceedance	14	0	9	-1	4	9	6	-2	-2	-1	16	36
70% Exceedance	11	-1	12	-2	1	7	5	-14	0	-3	20	29
80% Exceedance	6	4	3	2	5	0	-17	-10	2	1	18	32
90% Exceedance	3	0	1	1	-1	2	-19	-4	0	0	11	37
Full Simulation Period Average[a]	6	4	1	0	3	5	2	-10	-1	-2	11	16
Wet Water Years (32%)	8	7	-1	0	1	3	-7	-8	0	-1	11	24
Above Normal Years (9%)	9	-4	7	10	6	8	-12	-18	-1	1	25	27
Below Normal Years (20%)	7	3	3	0	5	12	20	-16	-6	-8	2	-11
Dry Water Years (21%)	-2	1	1	-10	2	5	9	-11	-2	-2	24	36
Critical Water Years (18%)	11	6	-1	8	1	-2	-2	-4	4	2	0	1

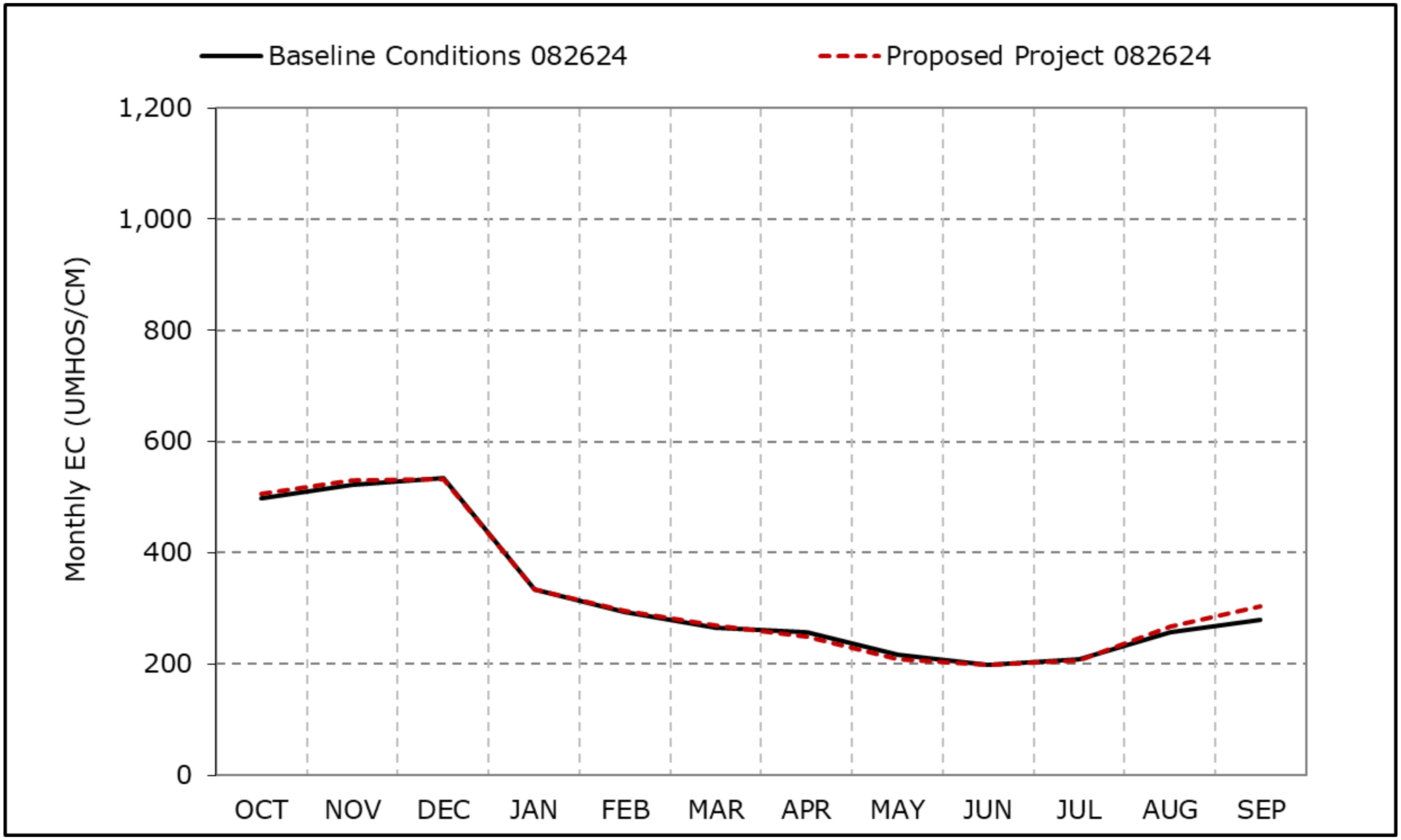
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-15a. Old River at Rock Slough Salinity, Long-Term Average EC



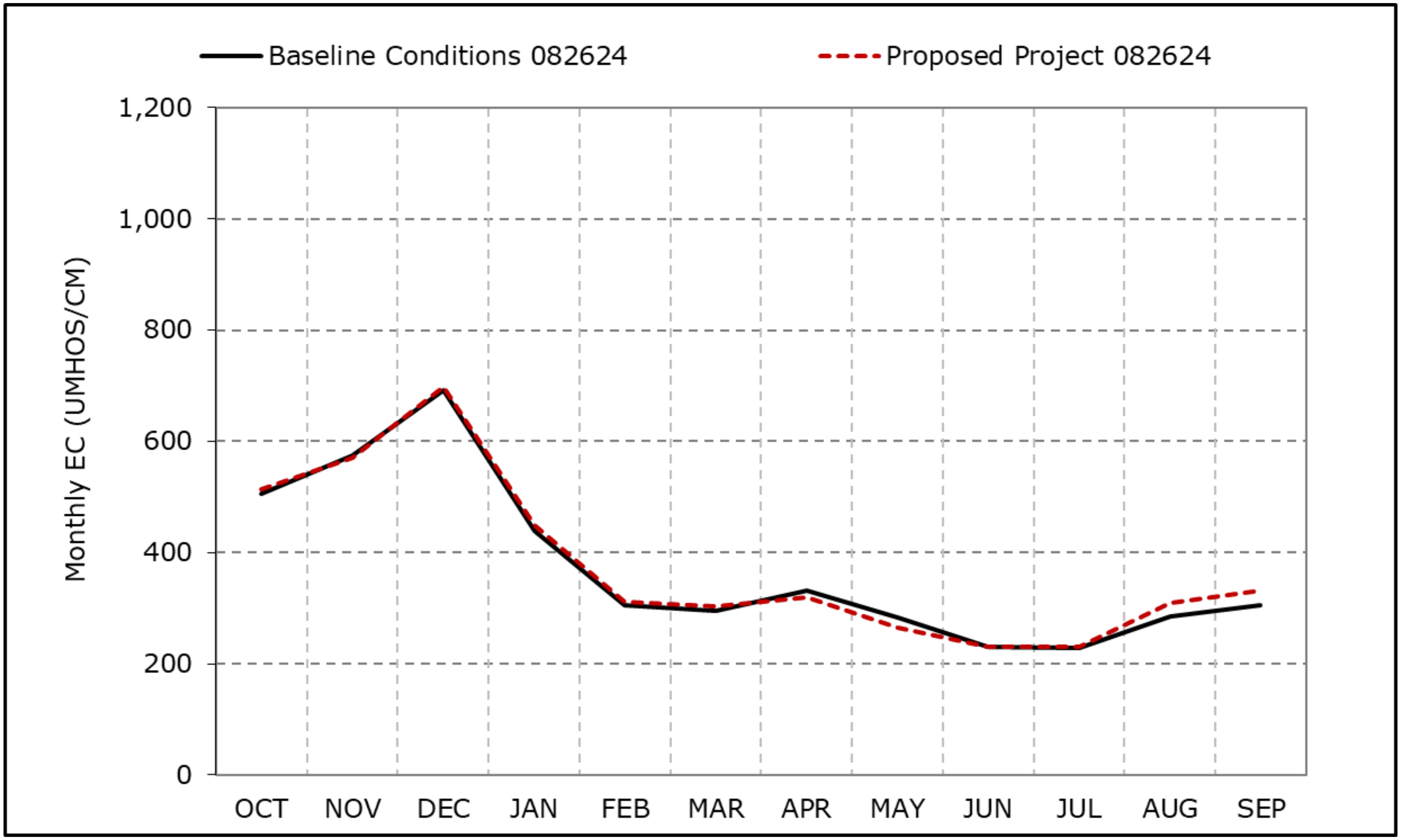
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15b. Old River at Rock Slough Salinity, Wet Year Average EC



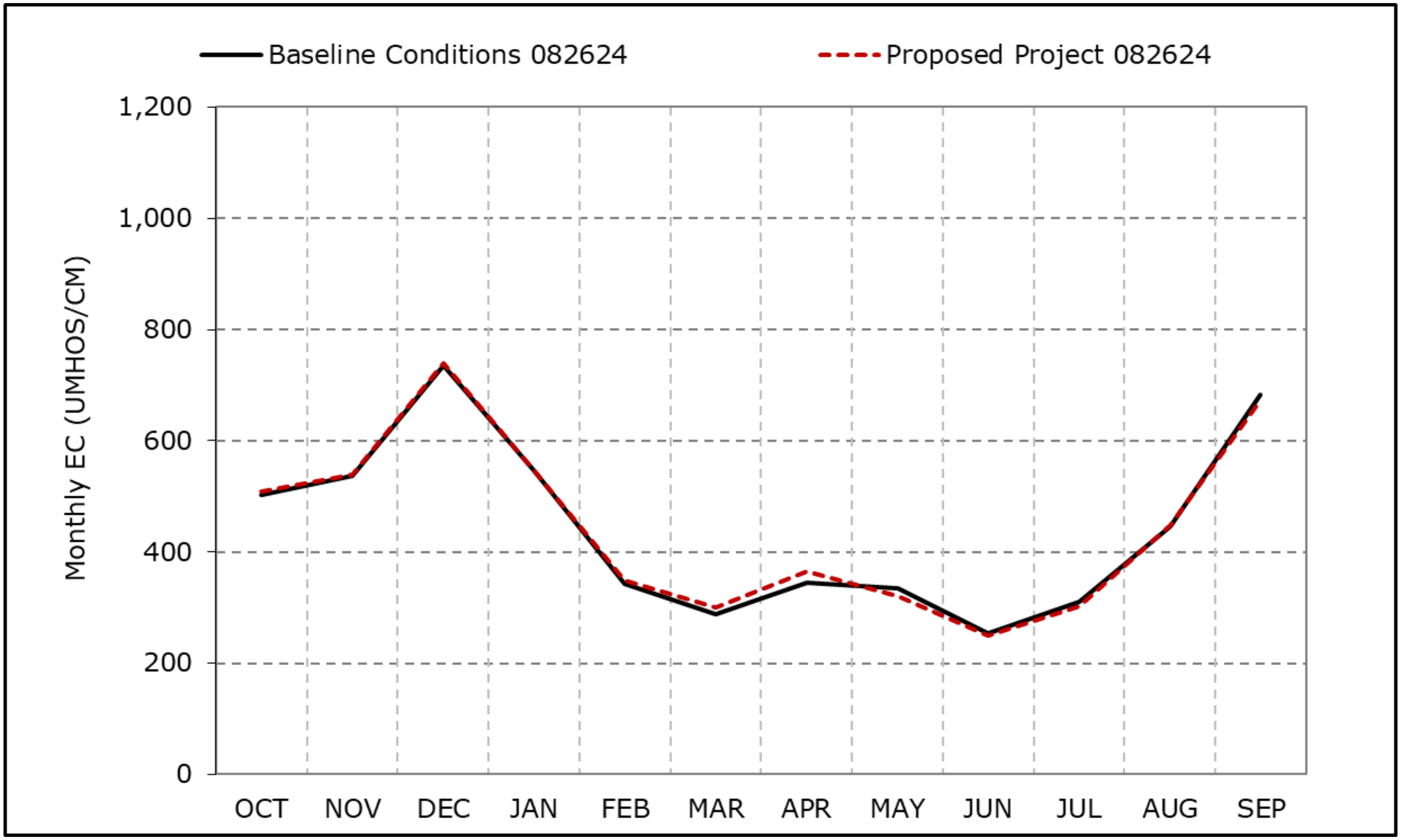
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15c. Old River at Rock Slough Salinity, Above Normal Year Average EC



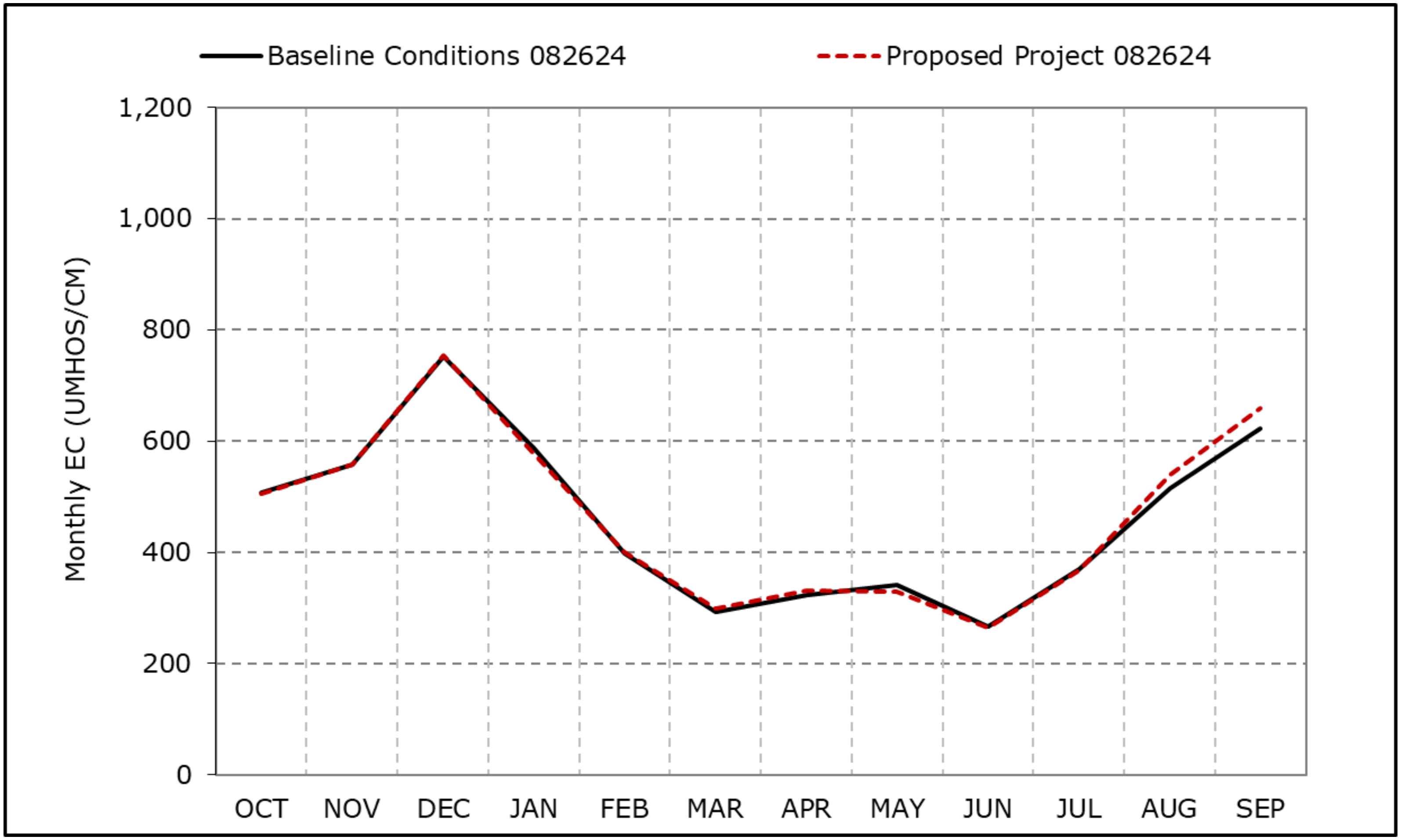
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15d. Old River at Rock Slough Salinity, Below Normal Year Average EC



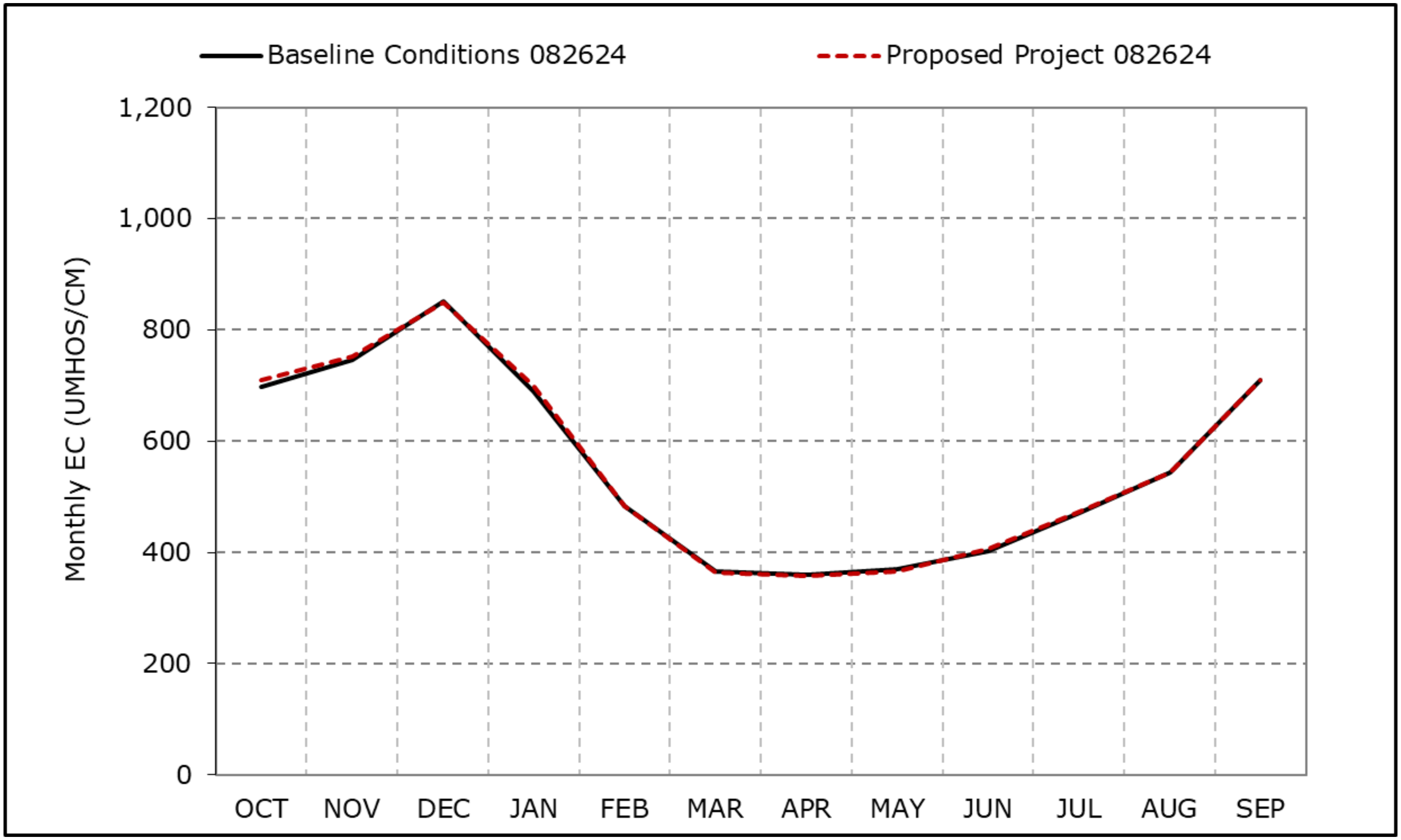
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15e. Old River at Rock Slough Salinity, Dry Year Average EC



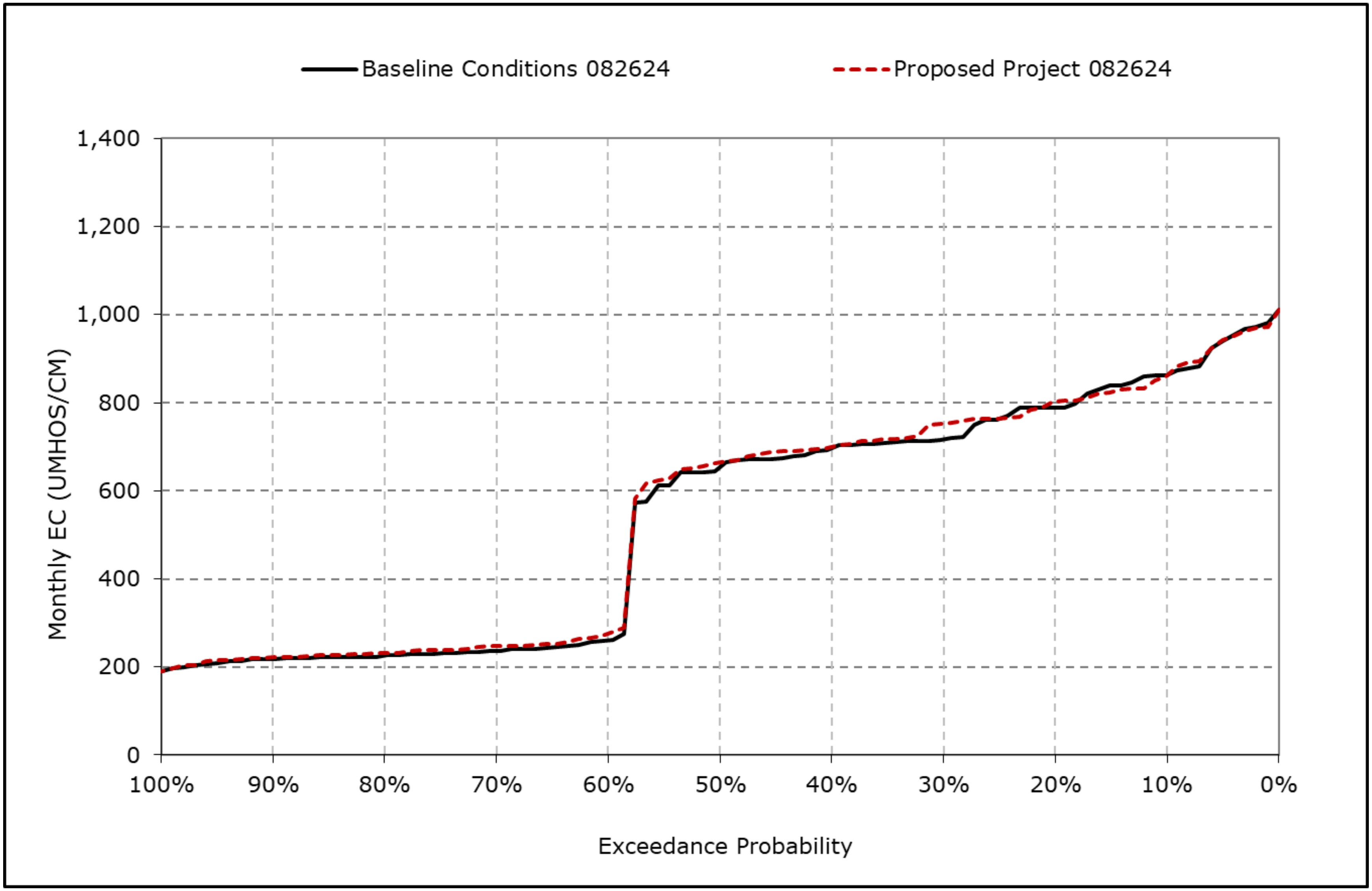
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15f. Old River at Rock Slough Salinity, Critical Year Average EC



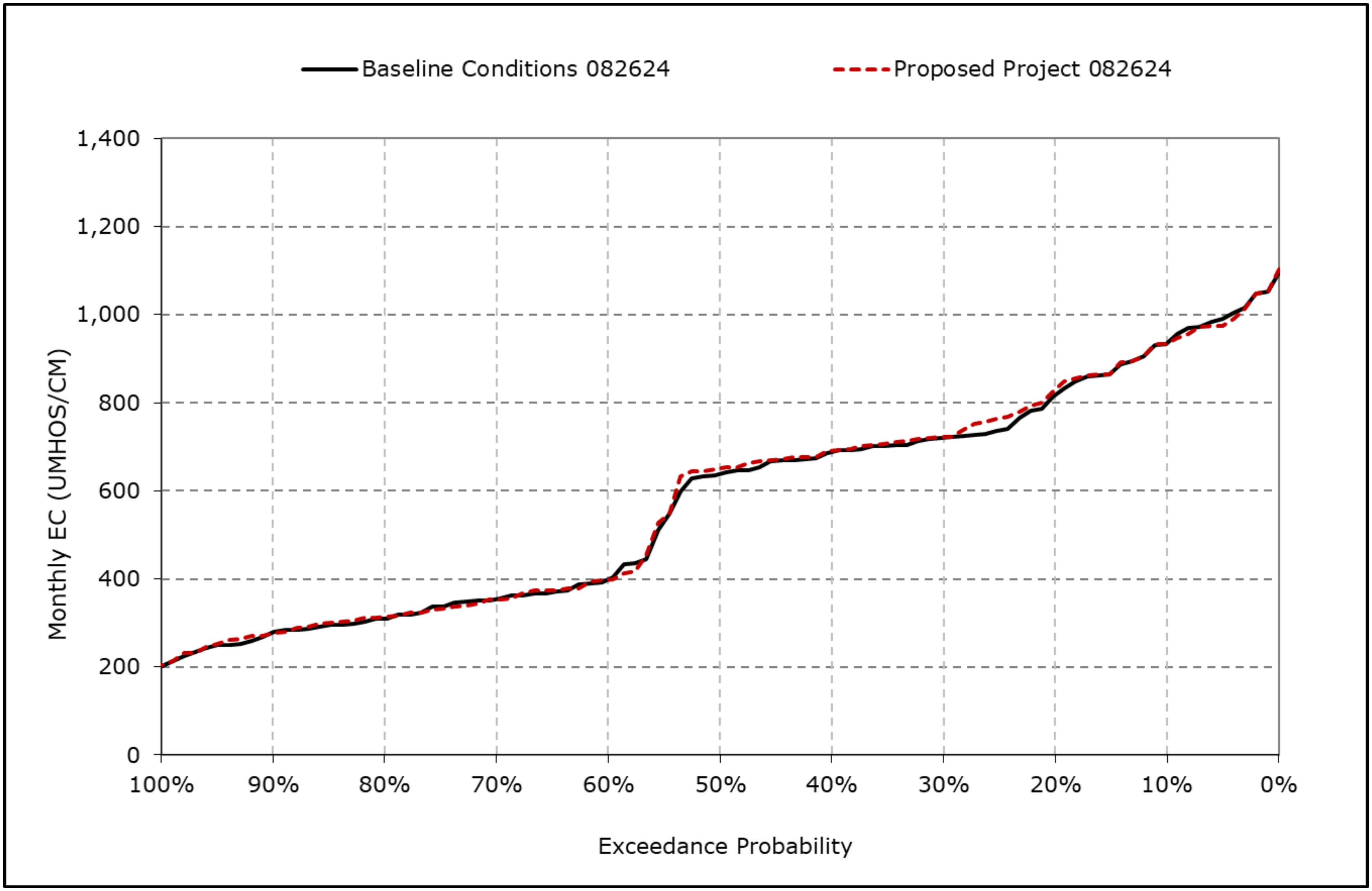
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15g. Old River at Rock Slough Salinity, October EC



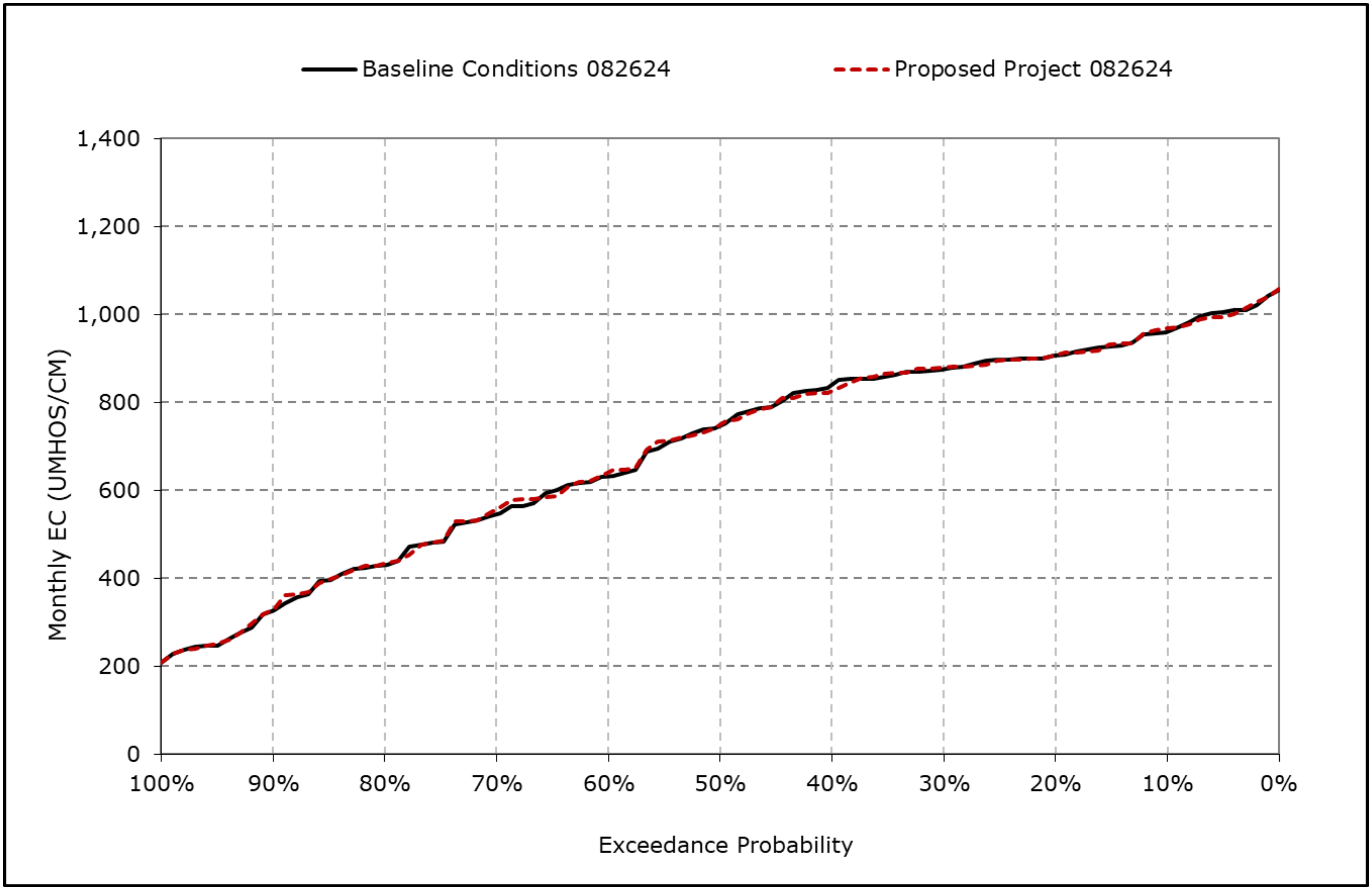
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15h. Old River at Rock Slough Salinity, November EC



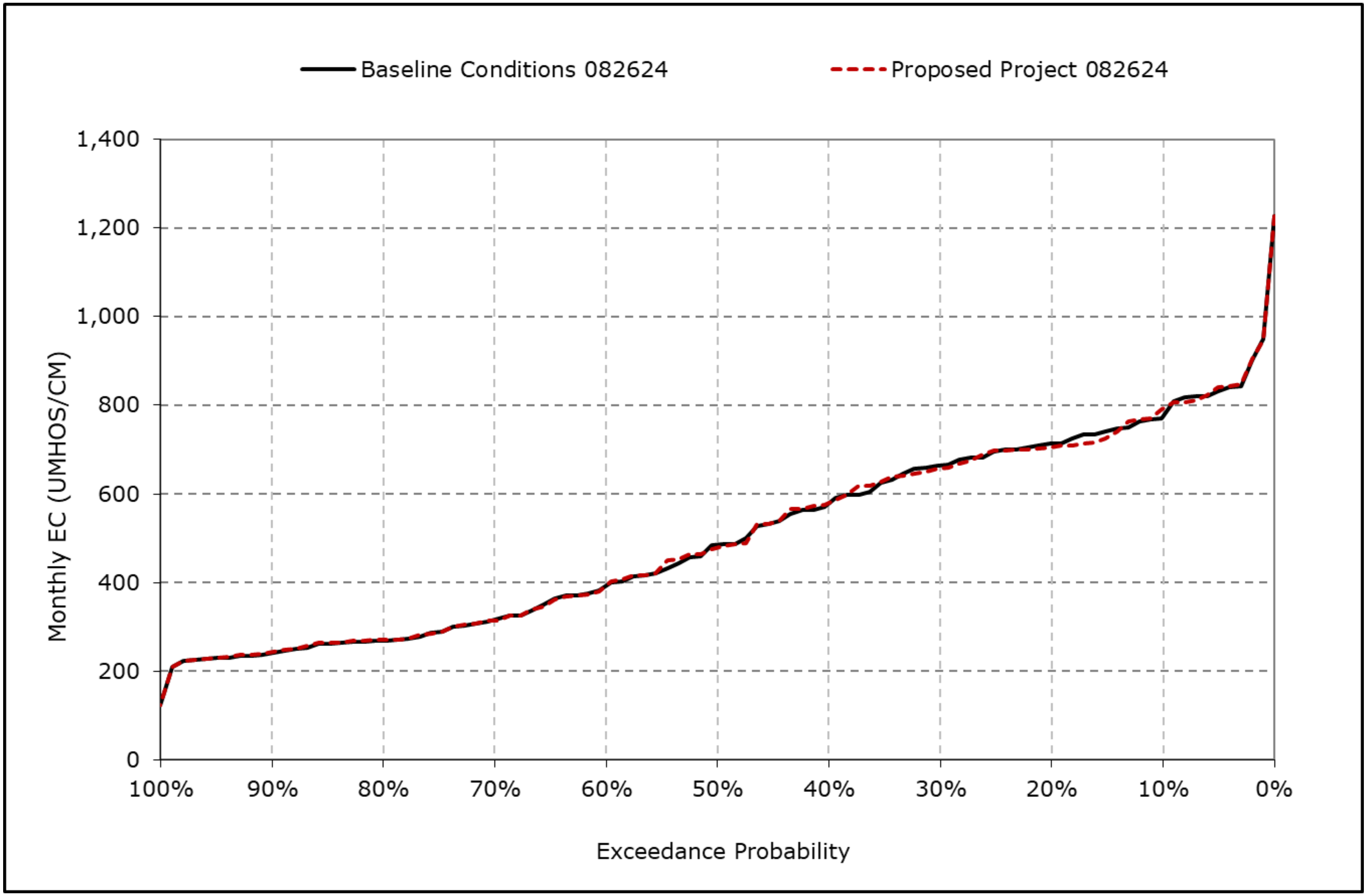
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15i. Old River at Rock Slough Salinity, December EC



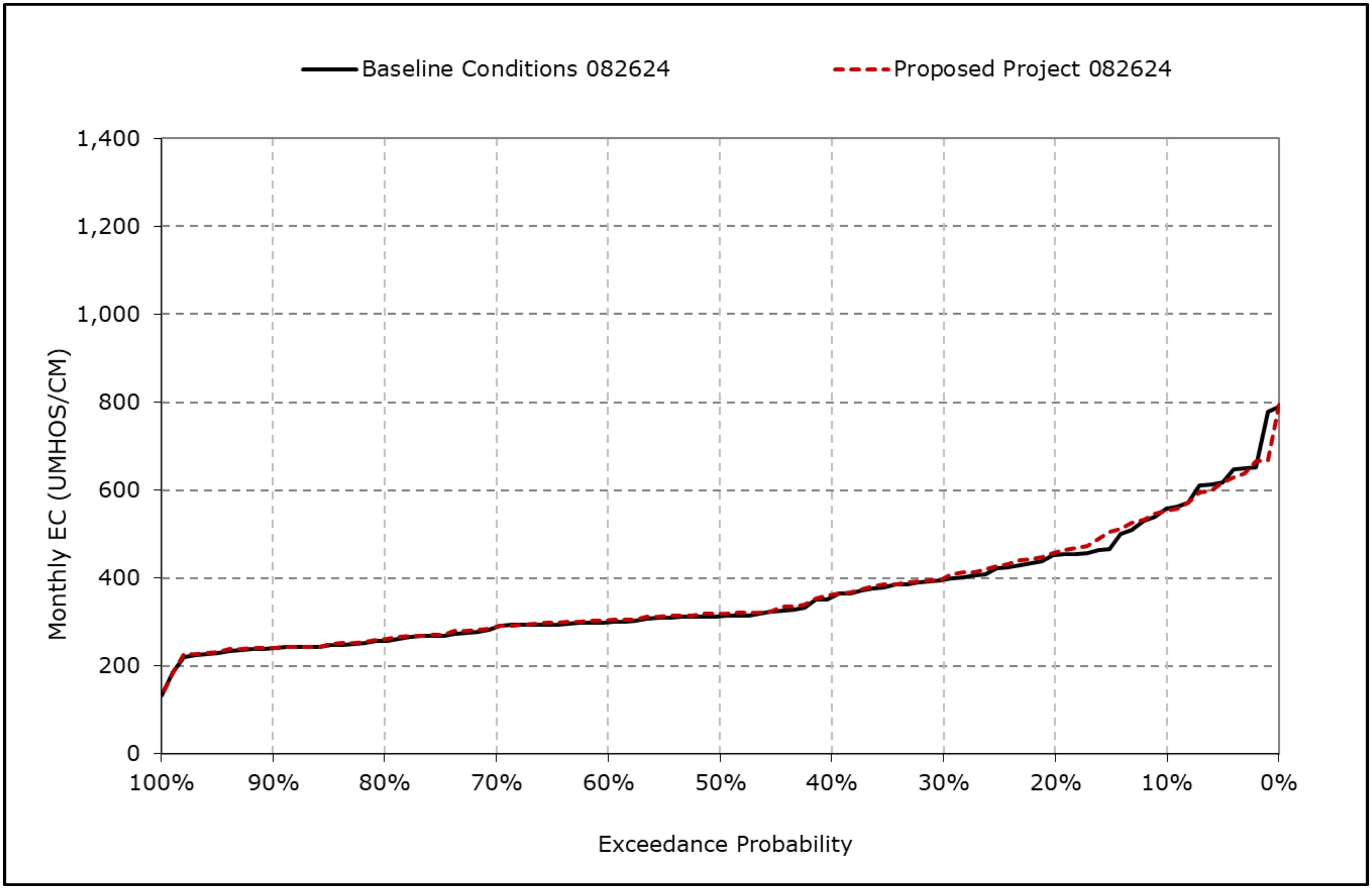
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15j. Old River at Rock Slough Salinity, January EC



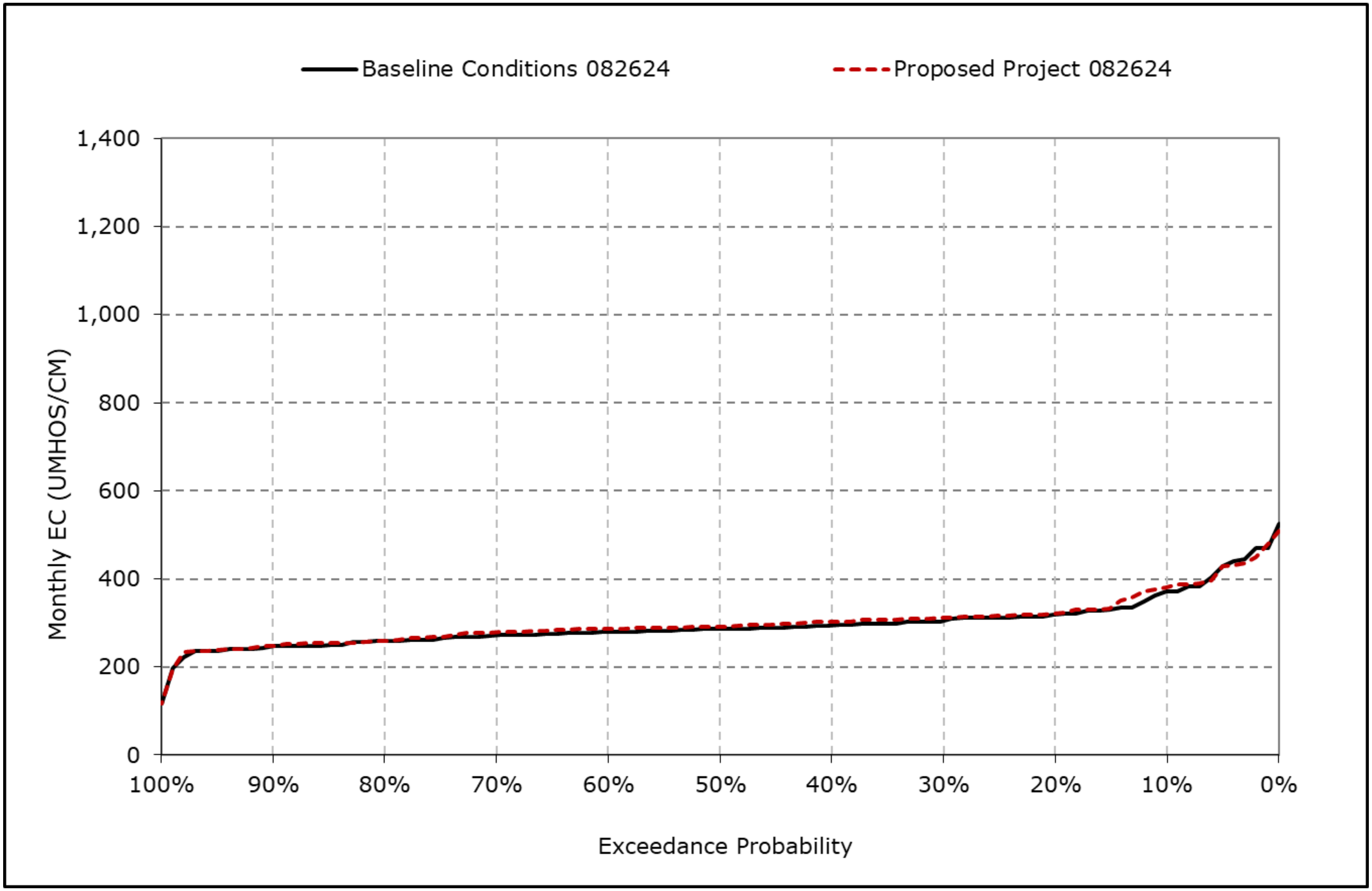
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15k. Old River at Rock Slough Salinity, February EC



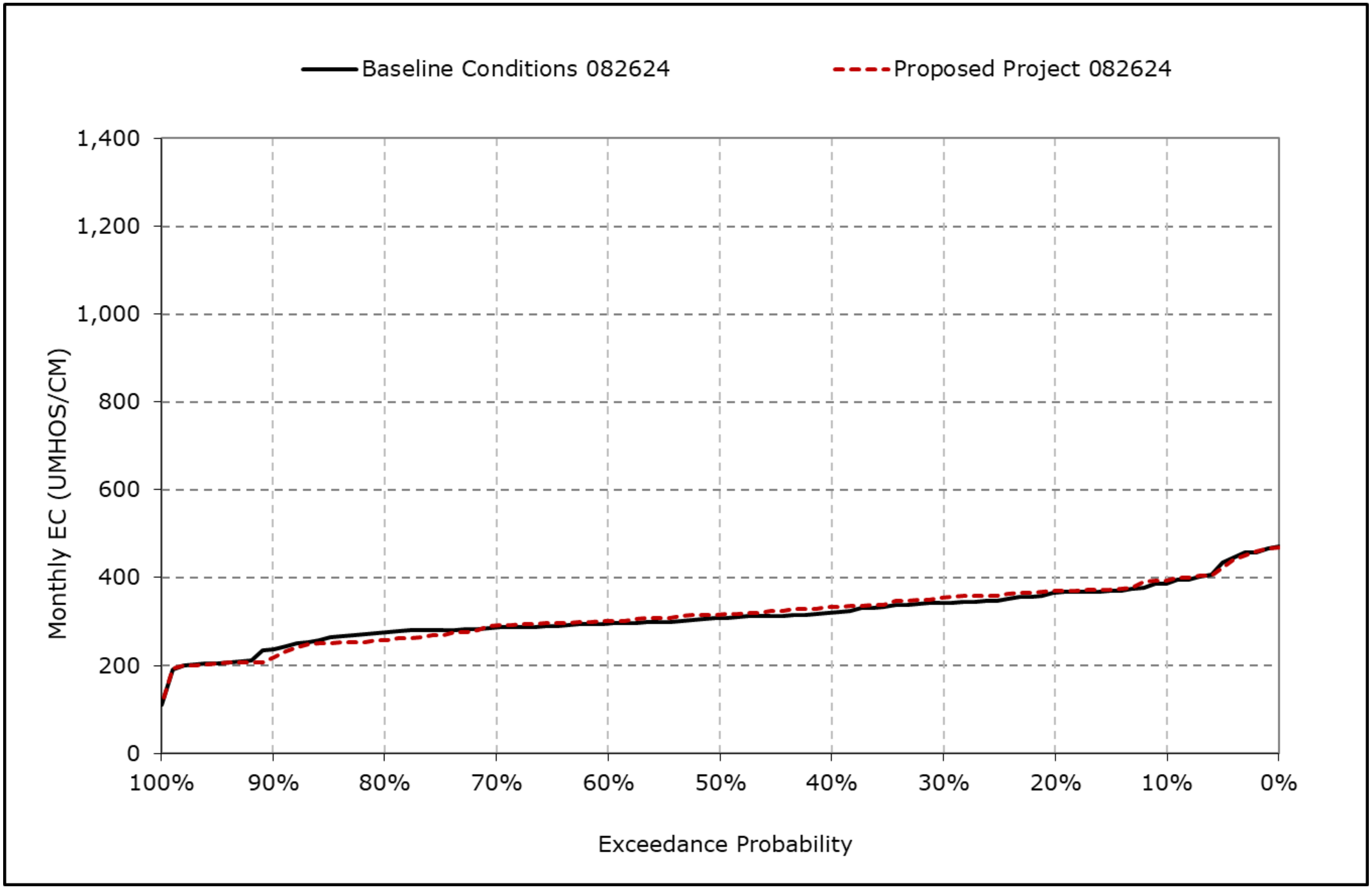
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15l. Old River at Rock Slough Salinity, March EC



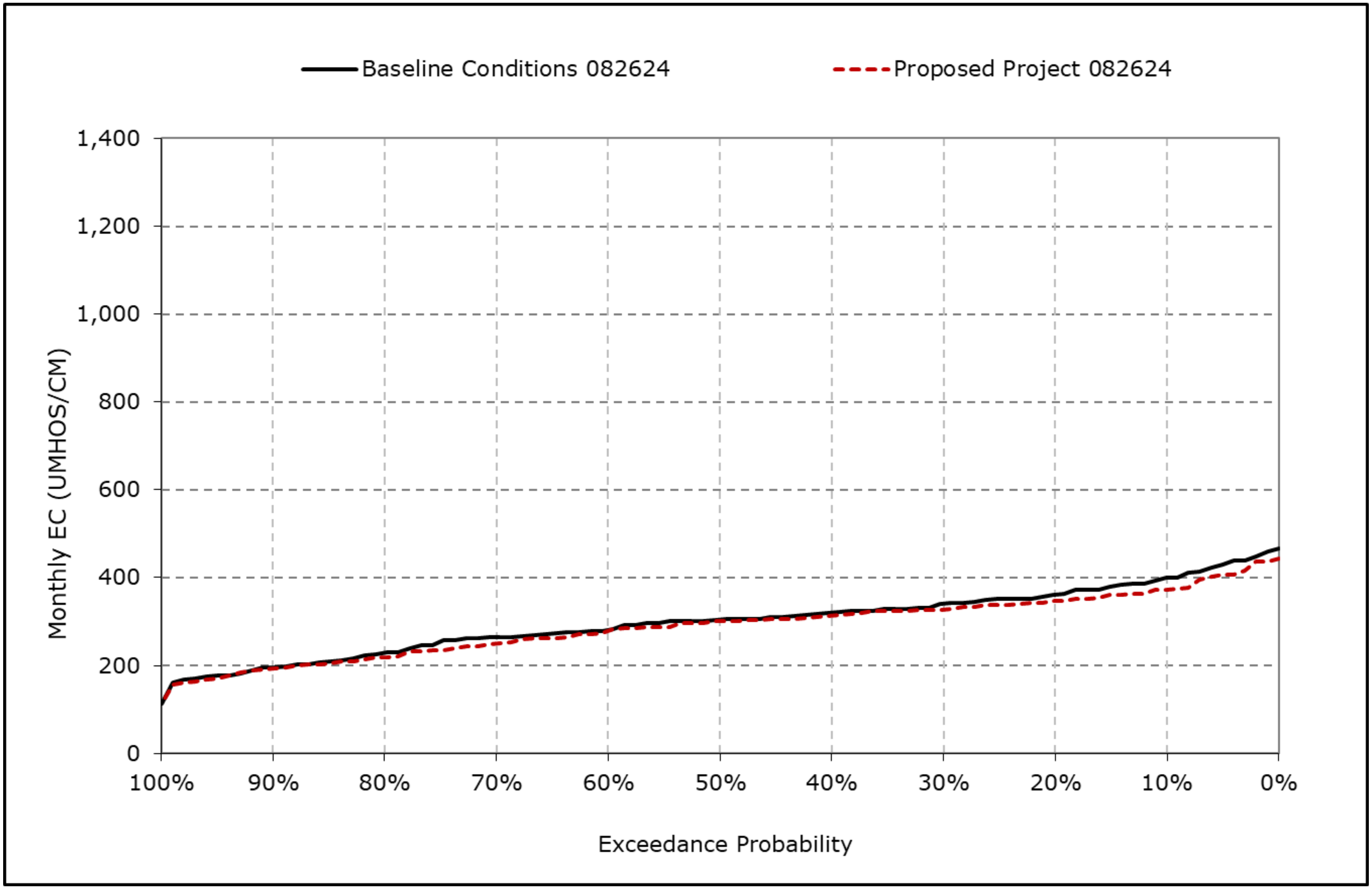
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15m. Old River at Rock Slough Salinity, April EC



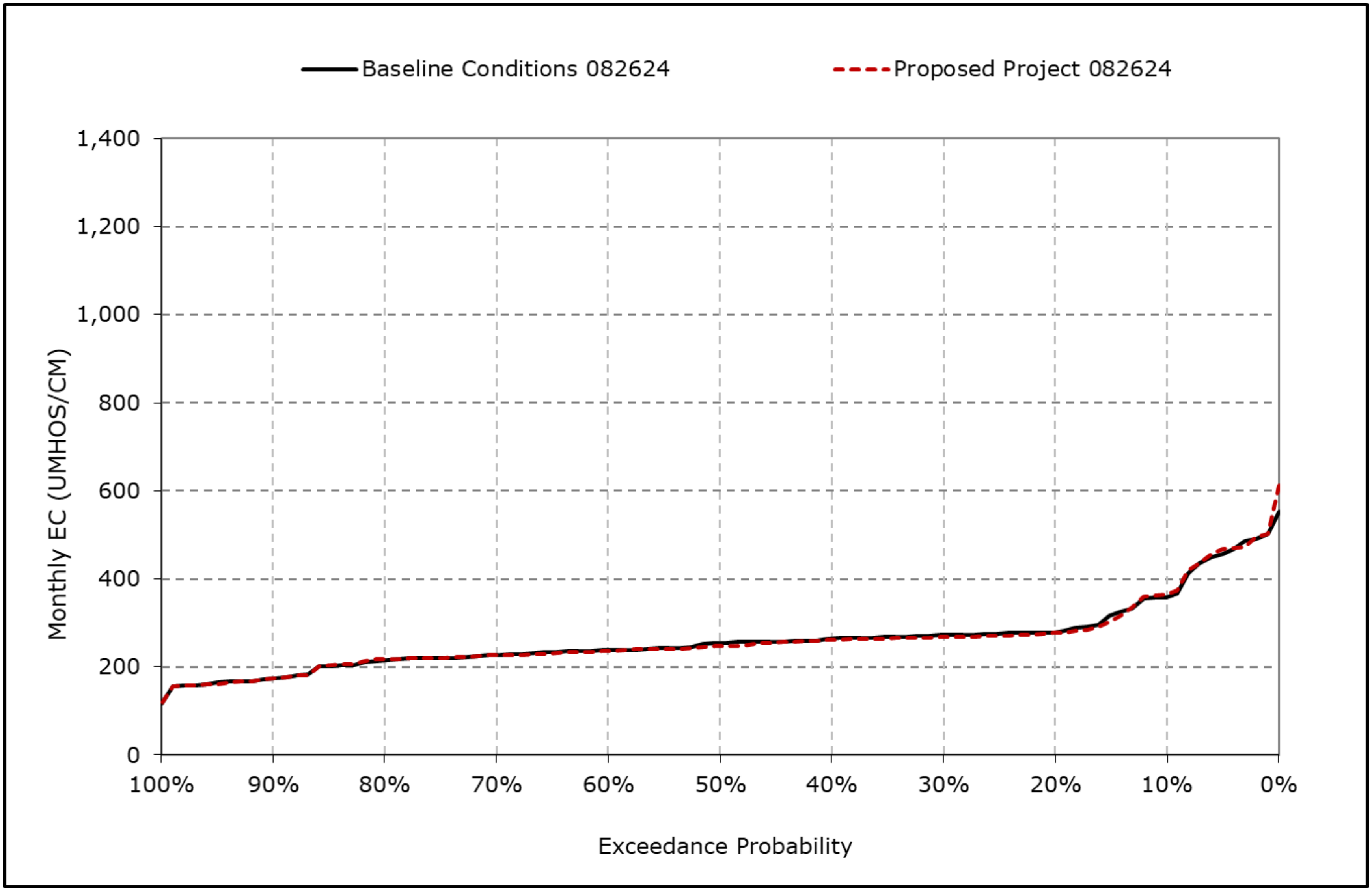
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15n. Old River at Rock Slough Salinity, May EC



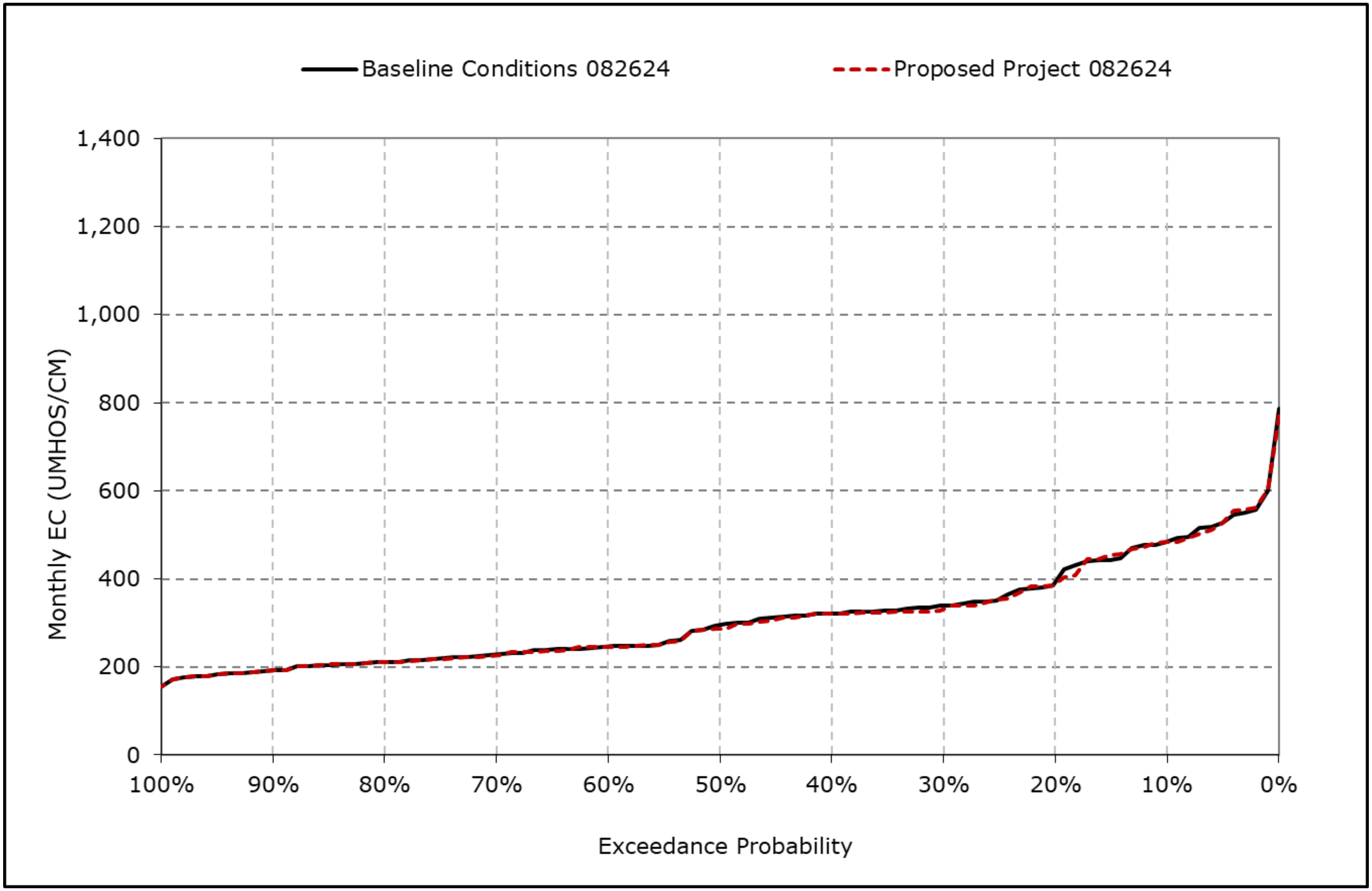
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15o. Old River at Rock Slough Salinity, June EC



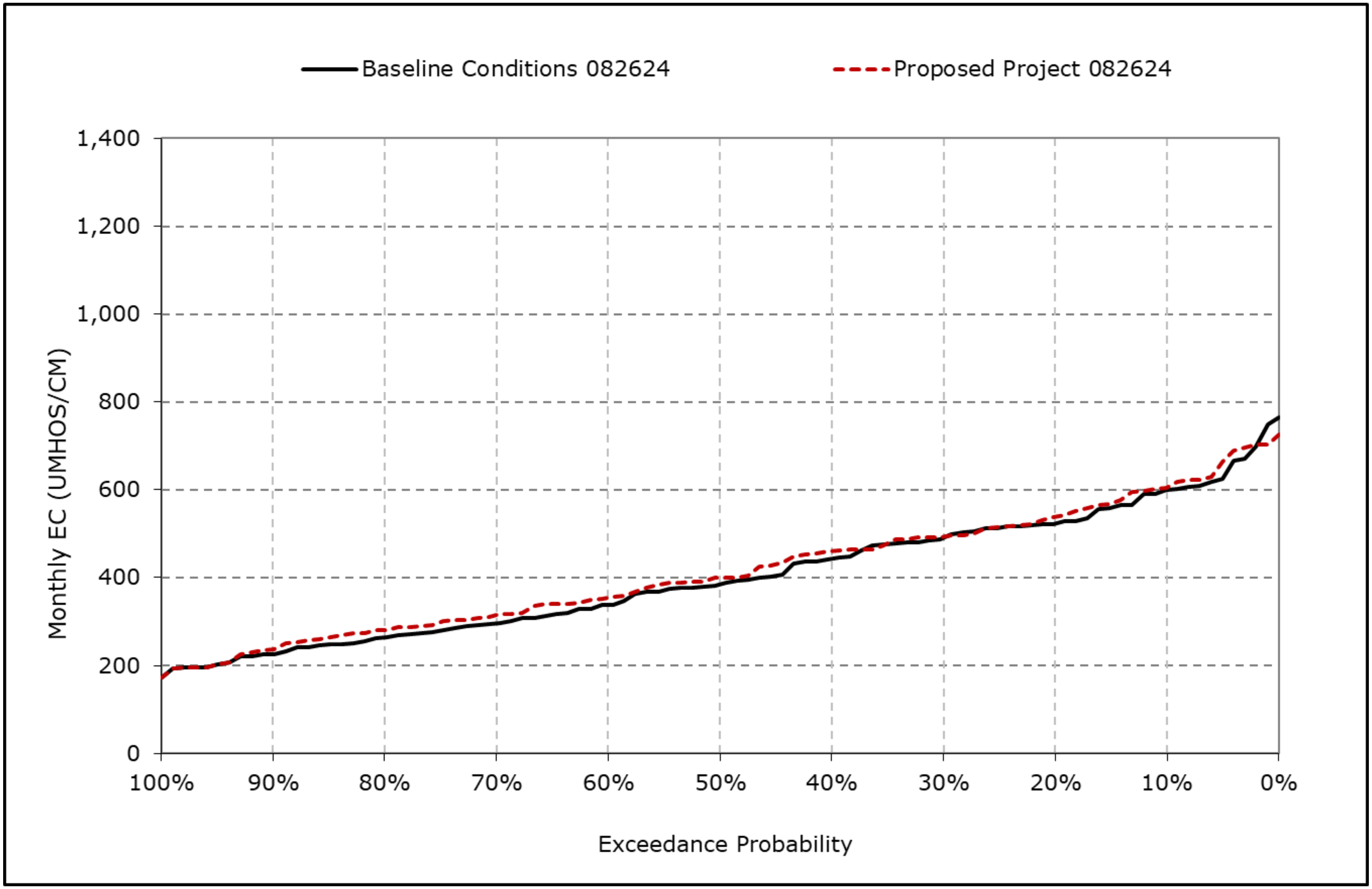
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15p. Old River at Rock Slough Salinity, July EC



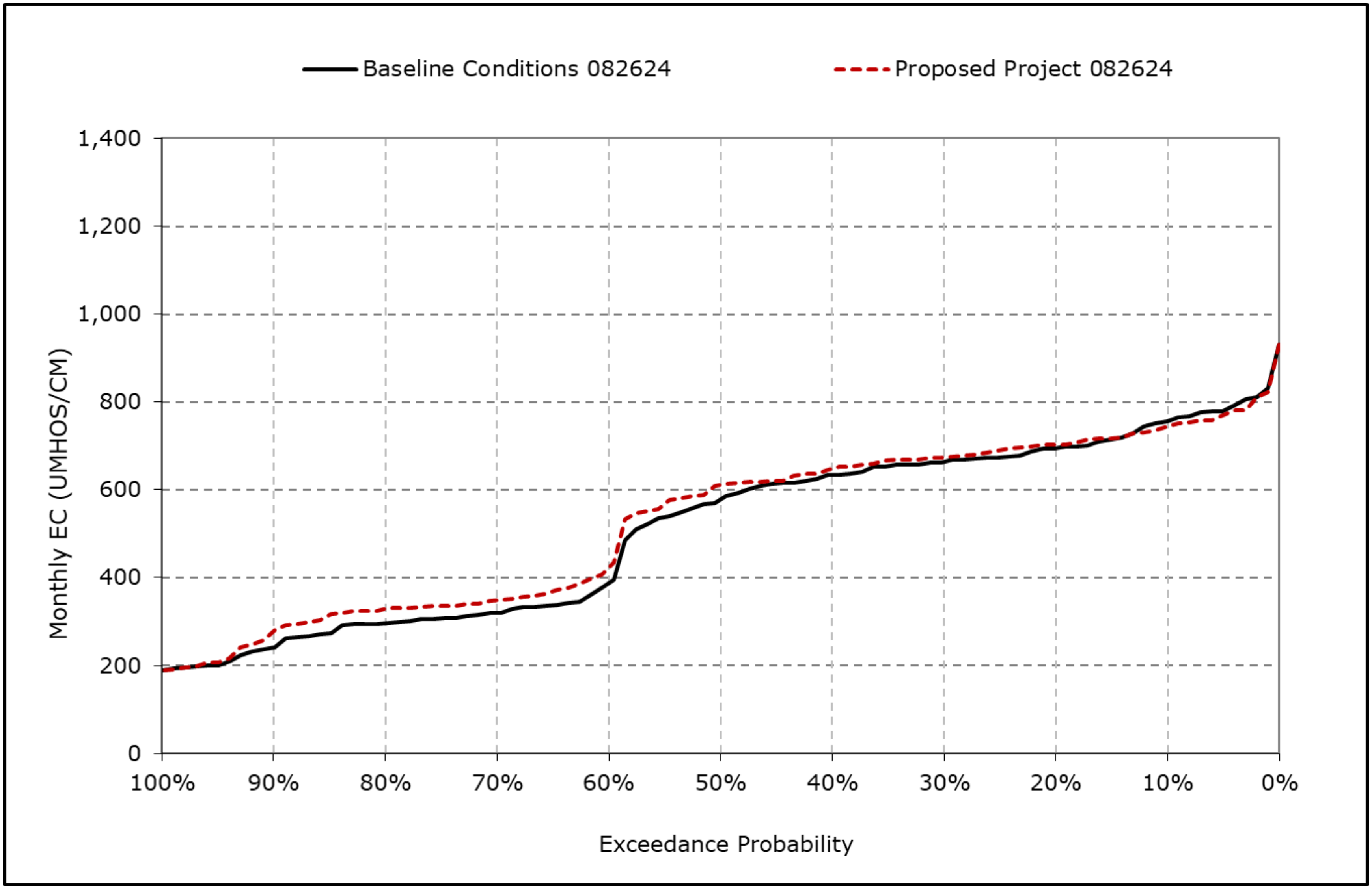
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-15q. Old River at Rock Slough Salinity, August EC



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

Figure 4B-6-15r. Old River at Rock Slough Salinity, September EC



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

Table 4B-6-16-1a. Banks Pumping Plant South Delta Exports Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	587	678	757	754	624	502	488	479	445	435	482	539
20% Exceedance	570	585	717	712	553	457	456	463	378	347	440	499
30% Exceedance	544	564	685	686	519	435	442	448	360	311	378	474
40% Exceedance	534	537	646	650	479	416	425	433	342	299	357	442
50% Exceedance	496	518	626	589	456	399	404	416	333	294	316	414
60% Exceedance	300	327	581	490	417	388	388	367	305	260	285	334
70% Exceedance	271	308	534	415	374	372	347	328	293	251	269	309
80% Exceedance	265	299	472	391	344	337	297	270	255	240	255	285
90% Exceedance	256	287	356	338	298	282	204	198	162	208	242	256
Full Simulation Period Average[a]	430	463	590	554	454	397	378	370	318	300	339	397
Wet Water Years (32%)	416	441	514	438	346	305	262	248	221	225	249	277
Above Normal Years (9%)	416	444	613	561	470	440	418	397	305	253	262	296
Below Normal Years (20%)	405	442	593	584	475	421	402	380	324	288	350	489
Dry Water Years (21%)	422	451	606	592	495	419	432	446	357	321	403	454
Critical Water Years (18%)	502	553	692	680	570	485	477	473	447	443	453	492

Table 4B-6-16-1b. Banks Pumping Plant South Delta Exports Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

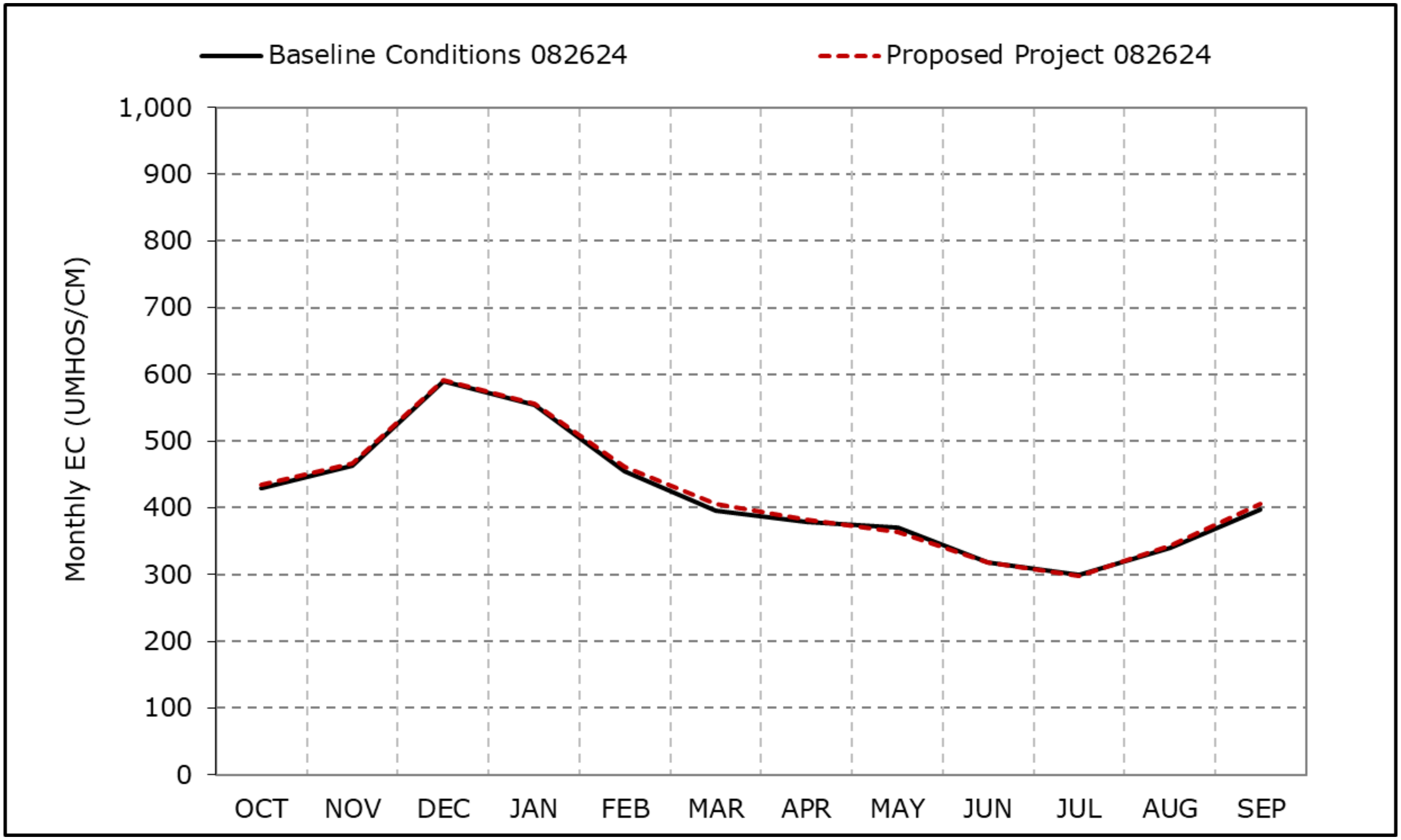
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	588	692	755	746	621	519	496	475	435	432	473	533
20% Exceedance	573	599	718	715	573	477	467	459	377	352	439	508
30% Exceedance	554	566	684	683	534	452	453	448	358	309	380	483
40% Exceedance	537	544	650	655	492	427	441	432	348	300	357	456
50% Exceedance	504	520	628	590	458	412	414	416	331	288	323	415
60% Exceedance	307	325	582	493	424	398	391	343	299	260	297	354
70% Exceedance	276	309	538	420	380	380	340	305	285	252	274	322
80% Exceedance	269	298	468	395	350	340	290	268	261	241	262	304
90% Exceedance	258	289	359	342	304	278	207	198	162	208	247	272
Full Simulation Period Average[a]	434	466	591	556	461	405	382	363	318	299	343	406
Wet Water Years (32%)	420	446	514	439	348	306	262	234	219	225	253	290
Above Normal Years (9%)	420	443	616	572	480	450	423	364	296	254	274	316
Below Normal Years (20%)	409	443	596	588	486	439	406	383	326	285	351	484
Dry Water Years (21%)	421	449	606	586	502	432	441	449	361	321	409	472
Critical Water Years (18%)	510	559	690	687	577	492	479	469	444	442	451	492

Table 4B-6-16-1c. Banks Pumping Plant South Delta Exports Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	15	-2	-8	-4	16	9	-4	-9	-3	-9	-6
20% Exceedance	3	14	1	2	20	20	11	-4	-1	5	-1	9
30% Exceedance	9	2	-1	-3	15	17	11	0	-2	-2	3	9
40% Exceedance	2	6	4	5	13	11	16	-1	6	1	0	14
50% Exceedance	7	2	2	1	2	13	9	0	-2	-6	6	1
60% Exceedance	7	-1	1	3	7	11	3	-24	-7	0	12	21
70% Exceedance	5	1	4	5	5	8	-7	-23	-8	1	5	13
80% Exceedance	4	-1	-3	4	6	3	-8	-2	5	1	7	19
90% Exceedance	2	2	3	5	7	-4	3	0	0	0	5	16
Full Simulation Period Average[a]	4	3	1	2	7	9	4	-7	-1	-1	4	9
Wet Water Years (32%)	4	5	0	1	2	1	0	-13	-2	0	4	13
Above Normal Years (9%)	5	-1	2	11	10	10	6	-33	-9	1	11	20
Below Normal Years (20%)	5	1	2	4	10	18	3	3	2	-3	1	-5
Dry Water Years (21%)	-1	-1	1	-6	7	13	9	3	4	0	6	18
Critical Water Years (18%)	8	6	-2	7	7	7	2	-5	-4	-1	-2	0

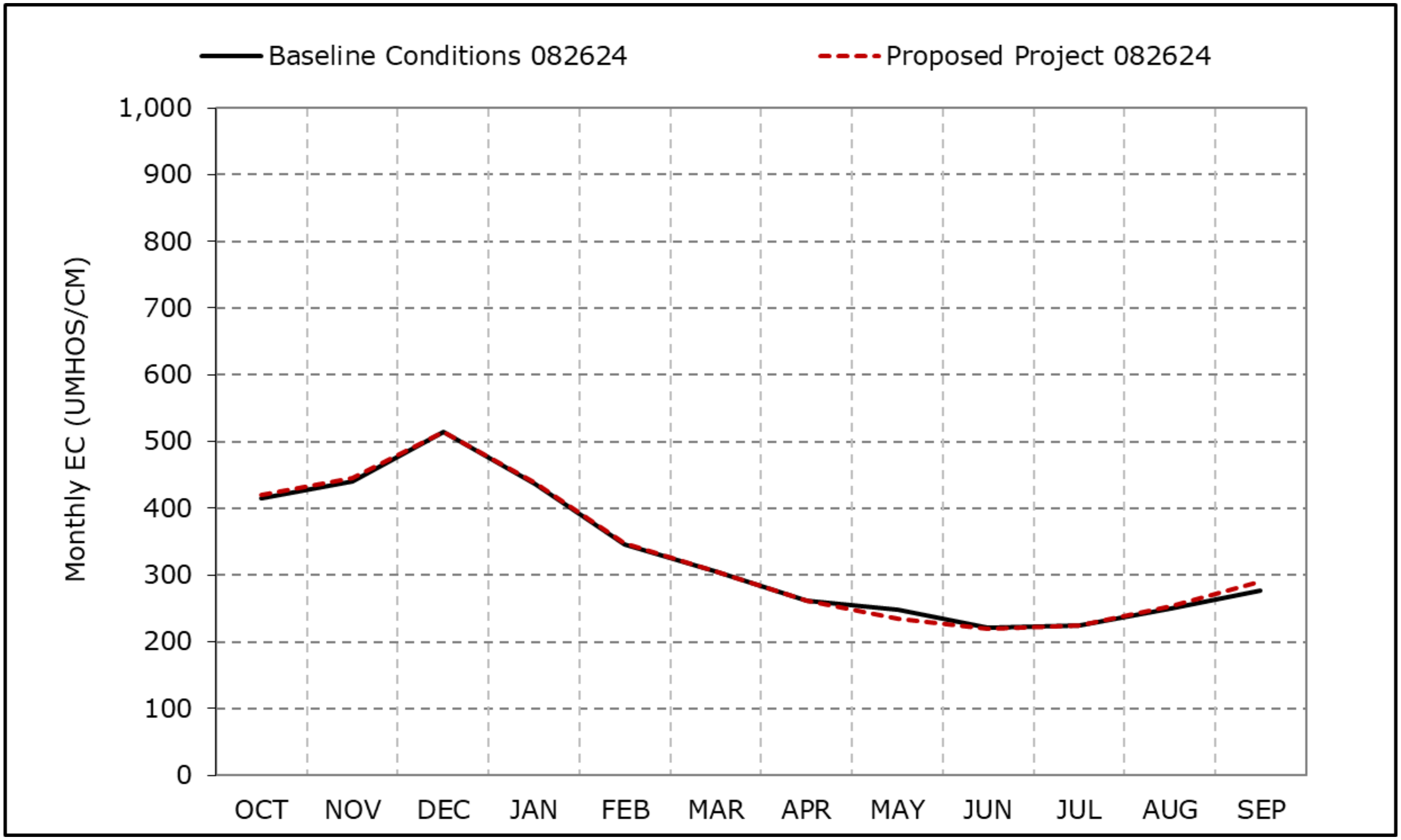
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-16a. Banks Pumping Plant South Delta Exports Salinity, Long-Term Average EC



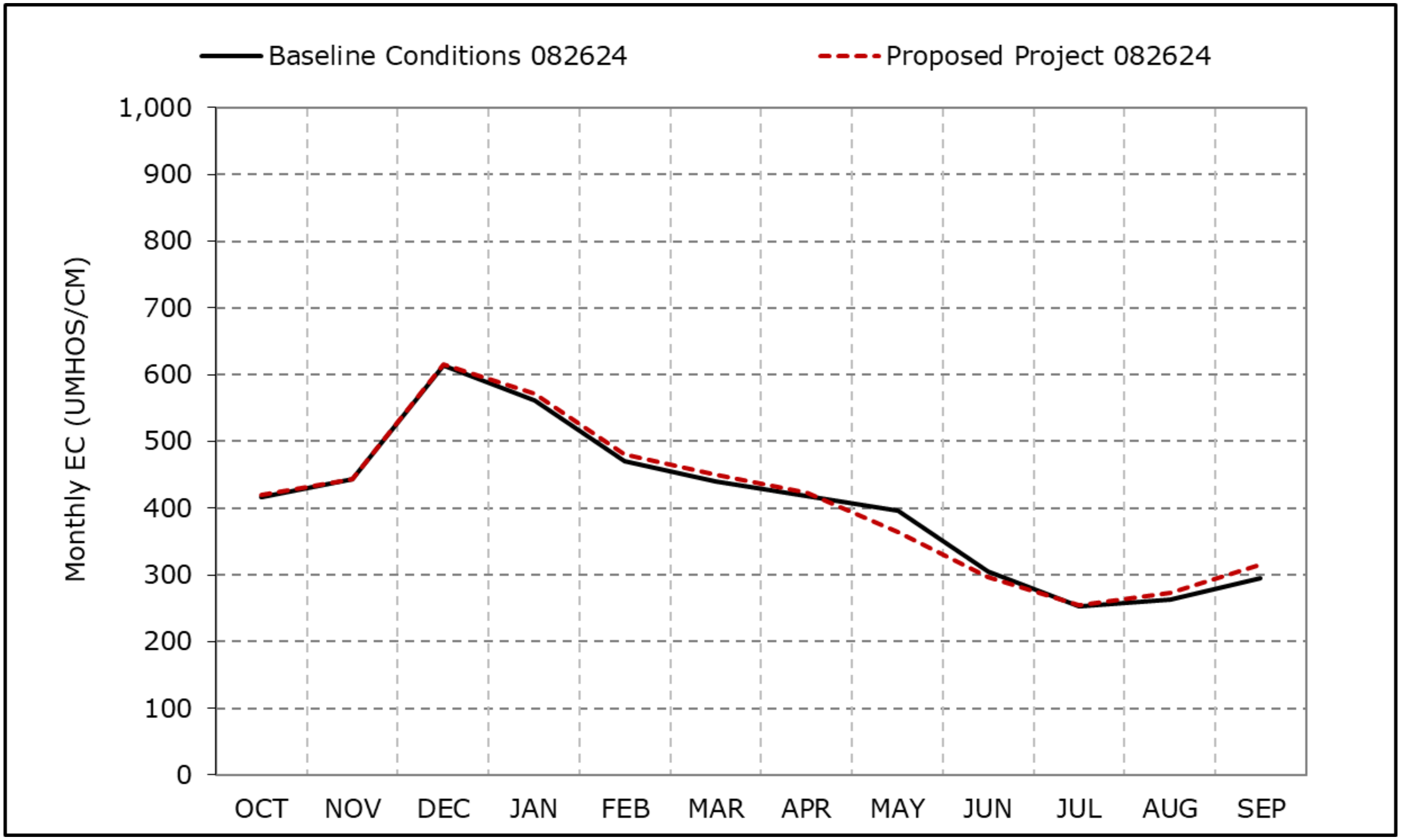
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16b. Banks Pumping Plant South Delta Exports Salinity, Wet Year Average EC



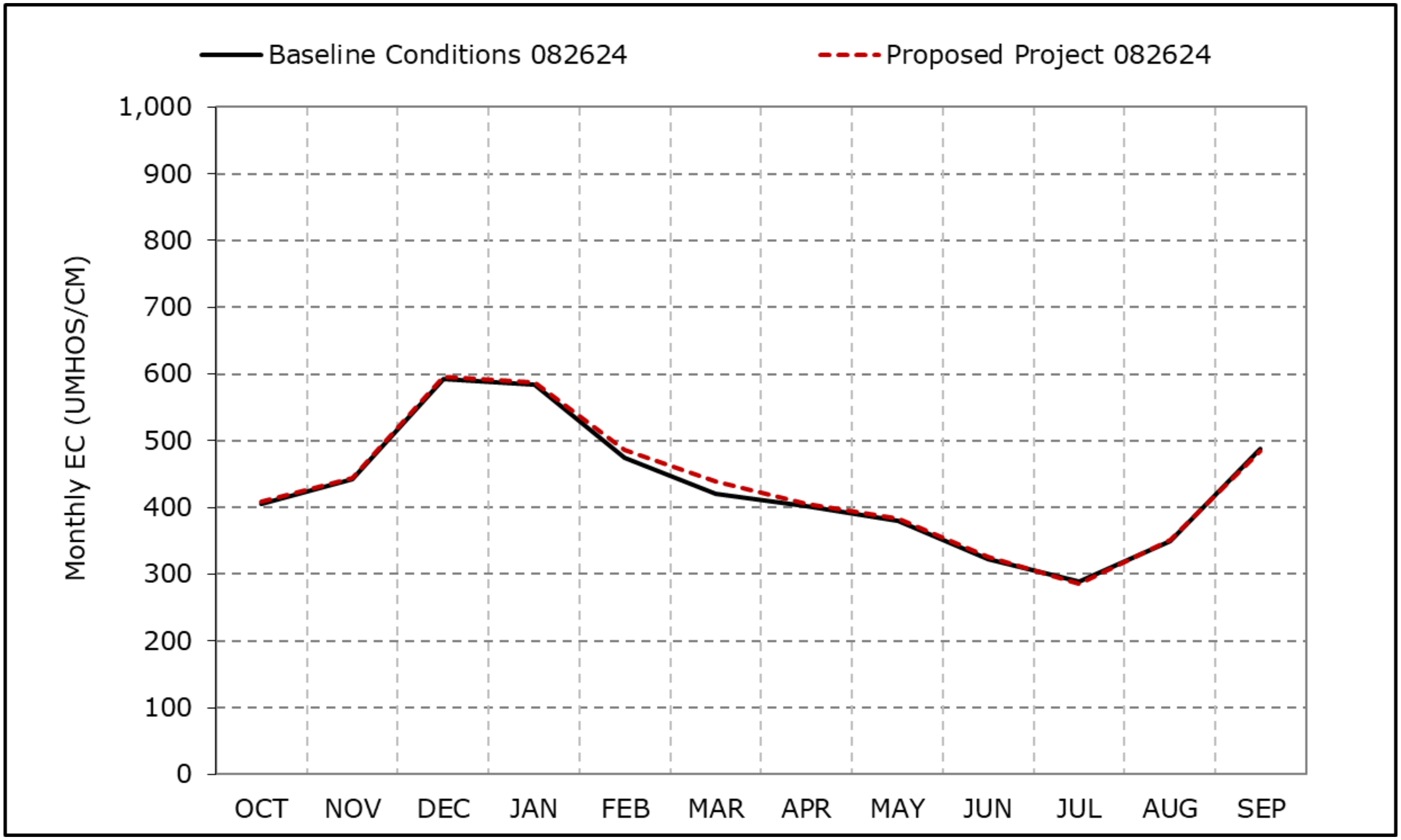
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16c. Banks Pumping Plant South Delta Exports Salinity, Above Normal Year Average EC



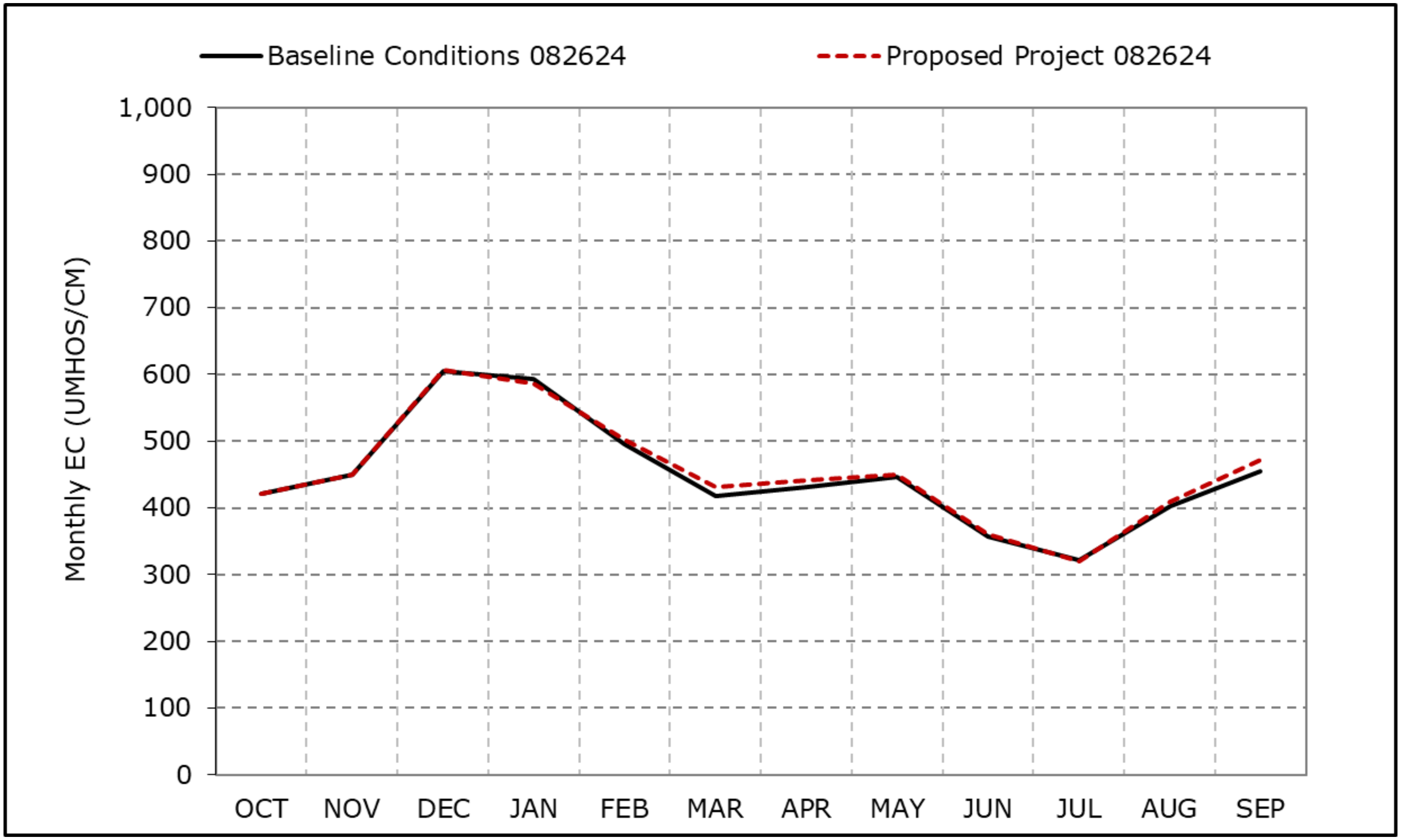
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16d. Banks Pumping Plant South Delta Exports Salinity, Below Normal Year Average EC



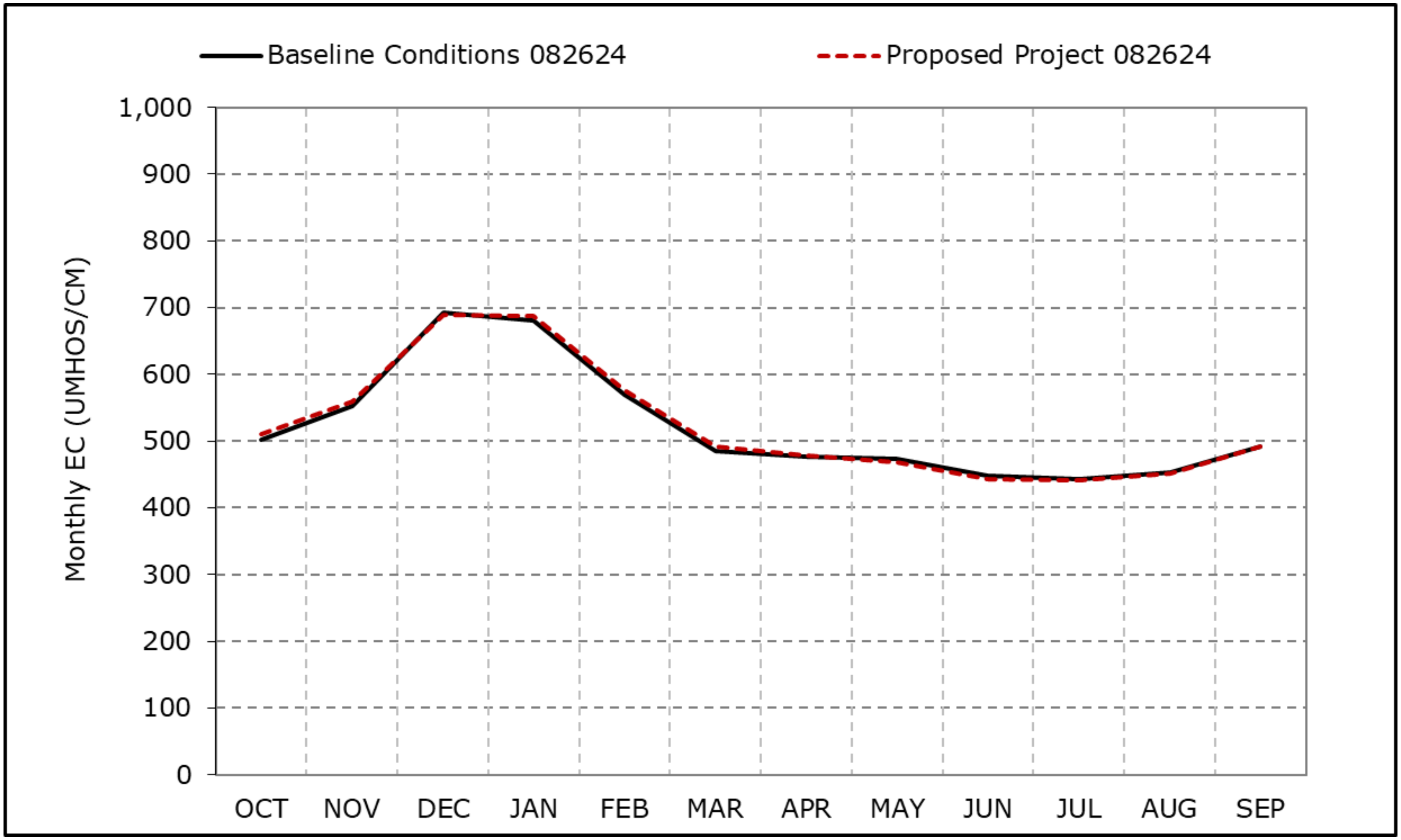
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16e. Banks Pumping Plant South Delta Exports Salinity, Dry Year Average EC



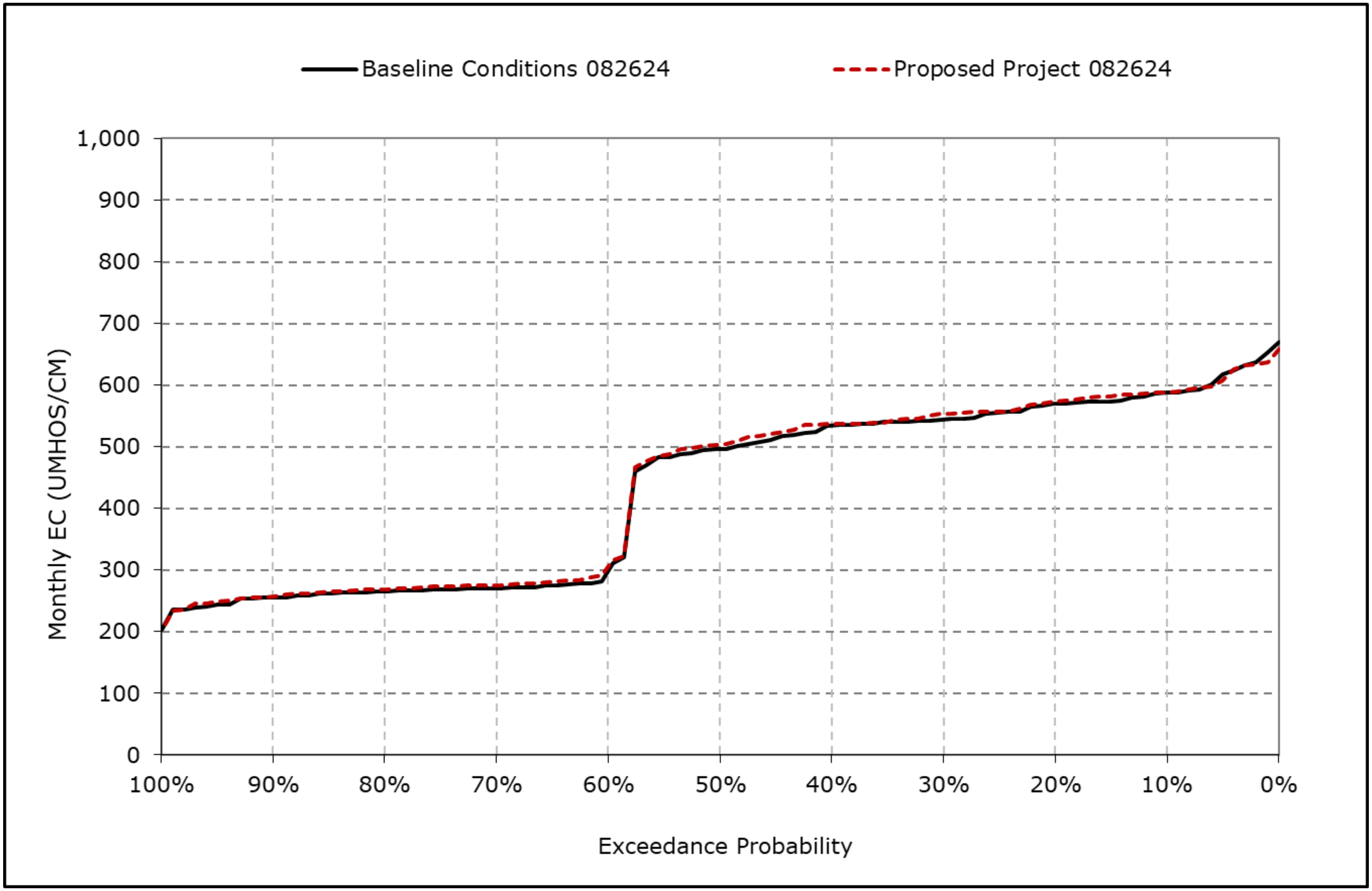
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16f. Banks Pumping Plant South Delta Exports Salinity, Critical Year Average EC



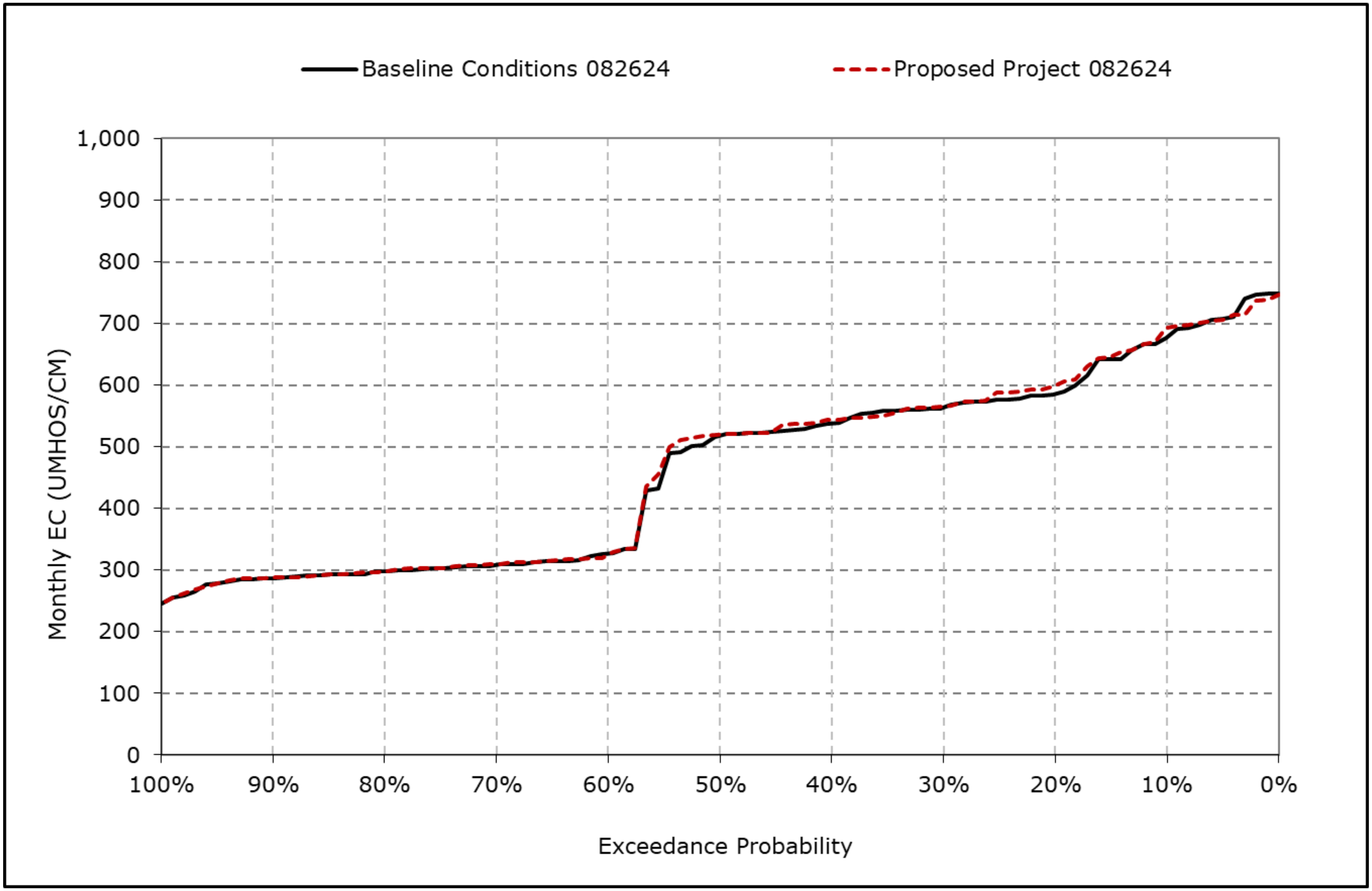
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16g. Banks Pumping Plant South Delta Exports Salinity, October EC



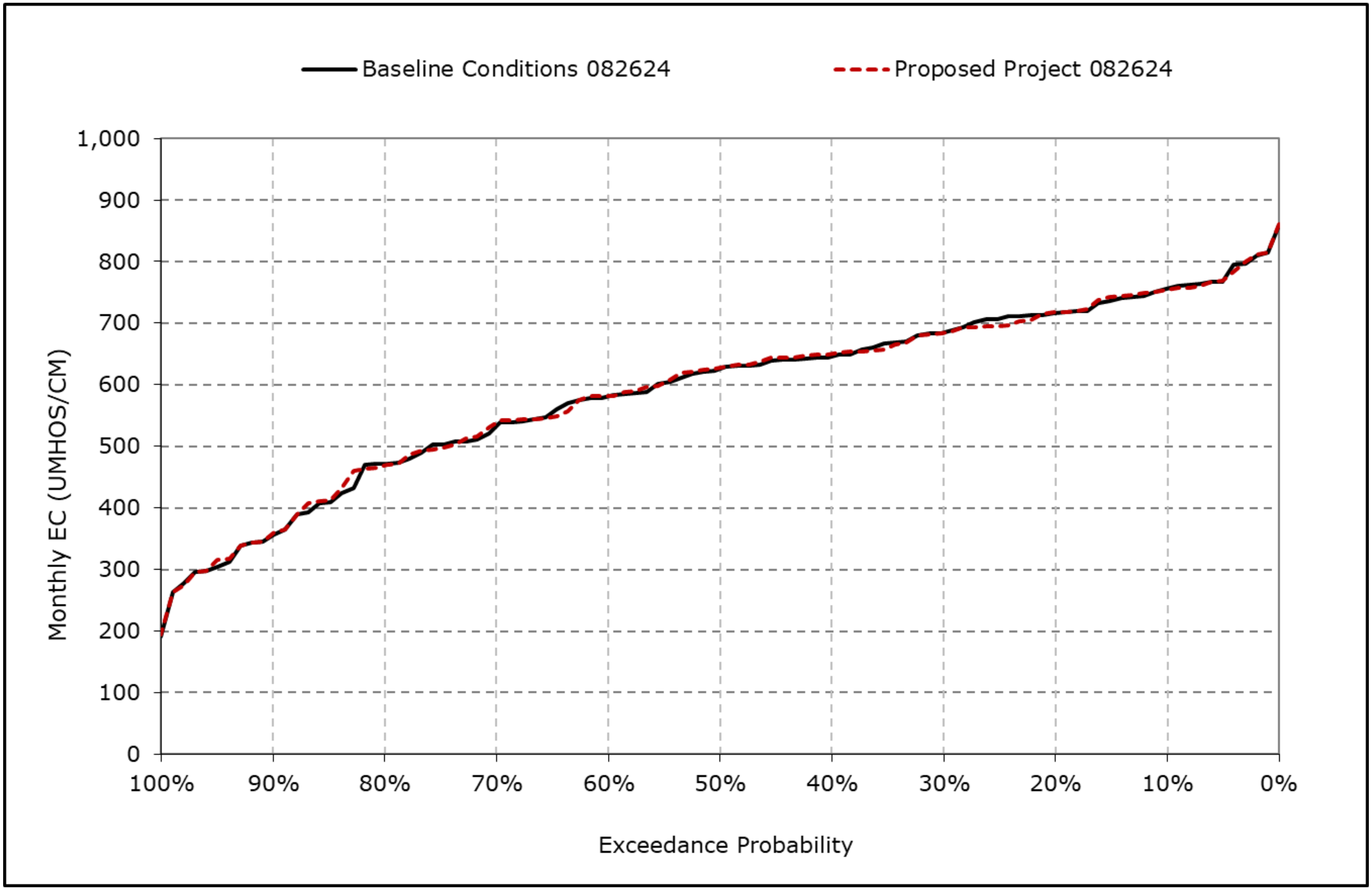
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16h. Banks Pumping Plant South Delta Exports Salinity, November EC



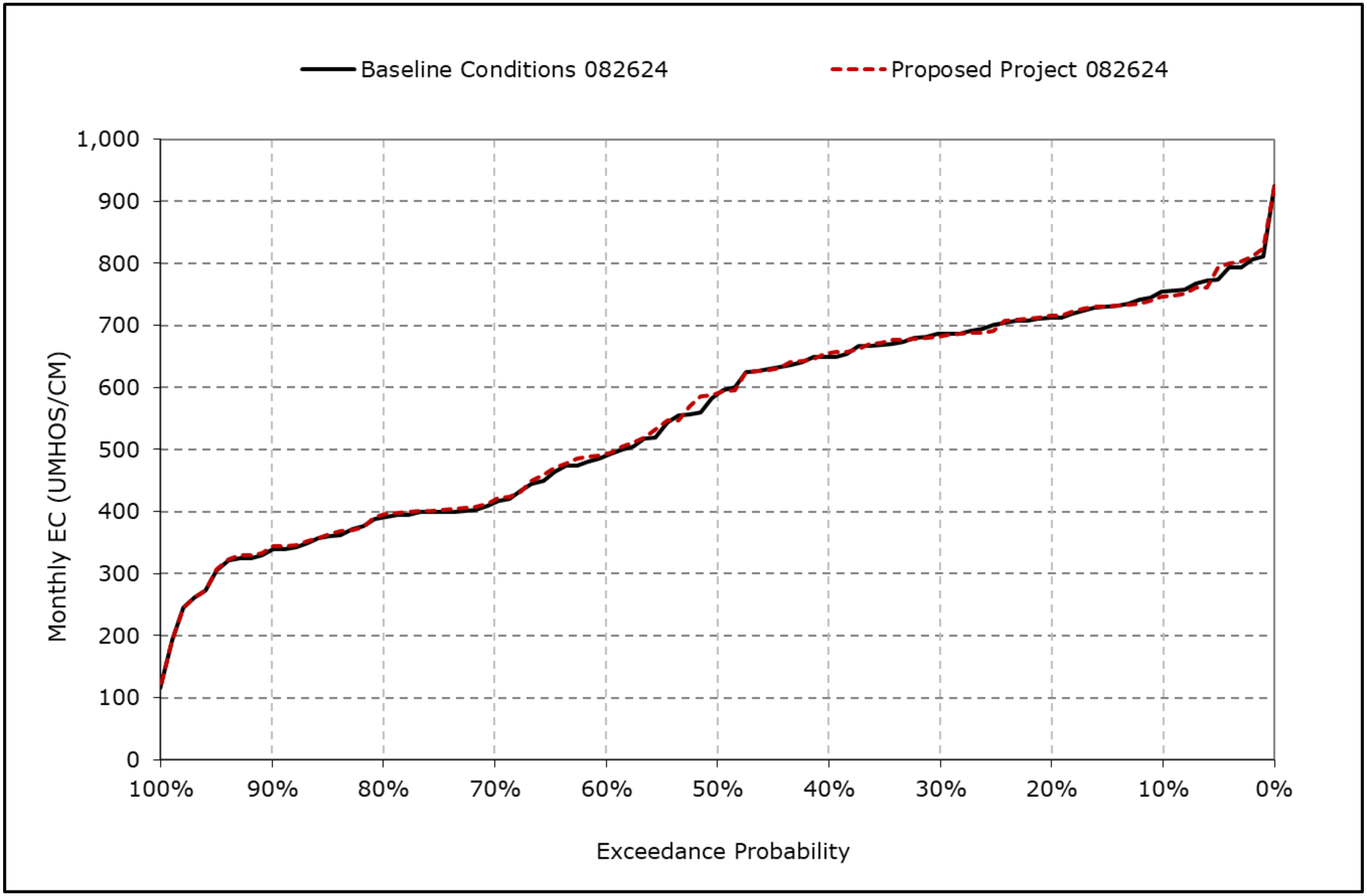
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16i. Banks Pumping Plant South Delta Exports Salinity, December EC



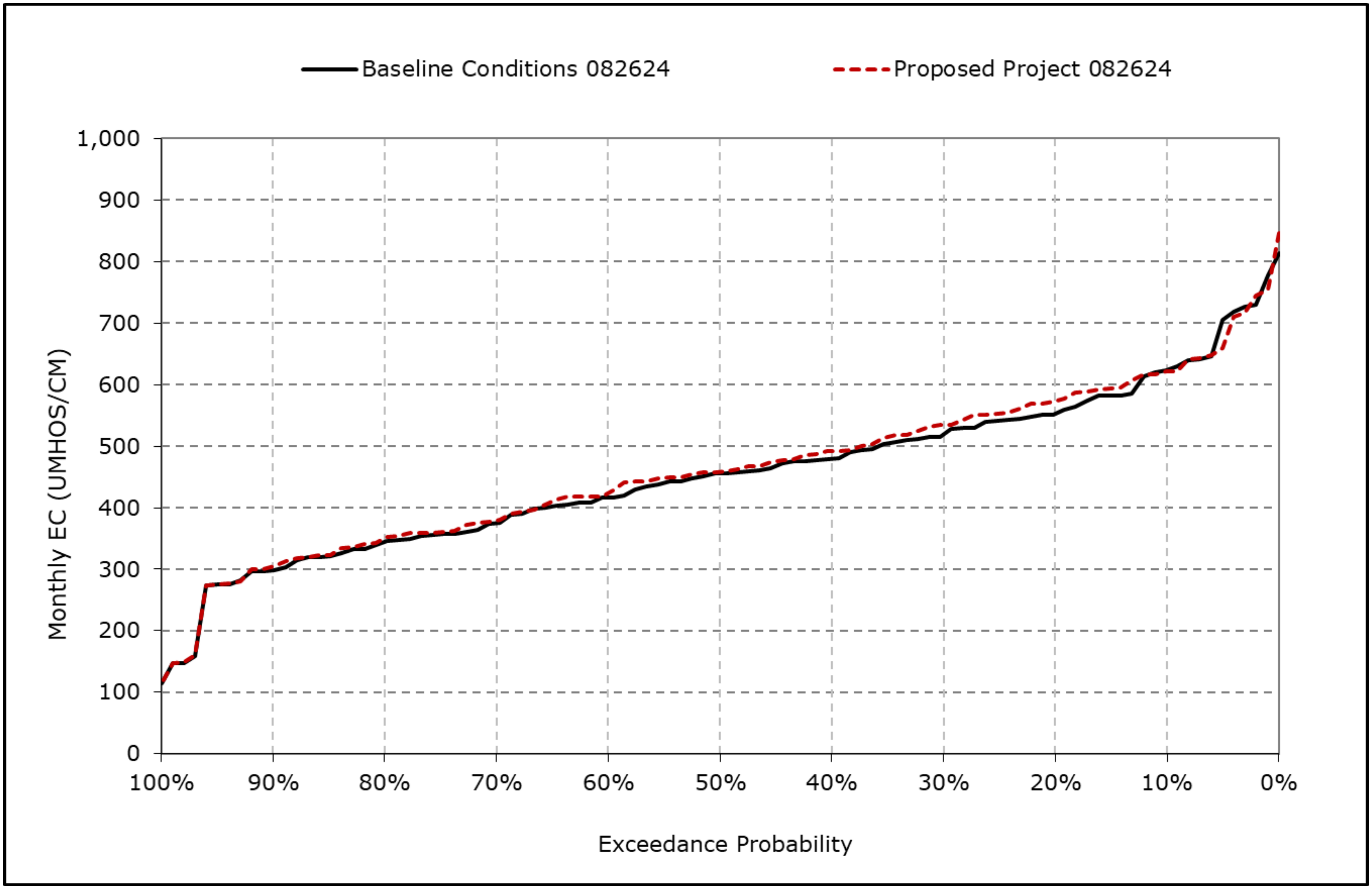
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16j. Banks Pumping Plant South Delta Exports Salinity, January EC



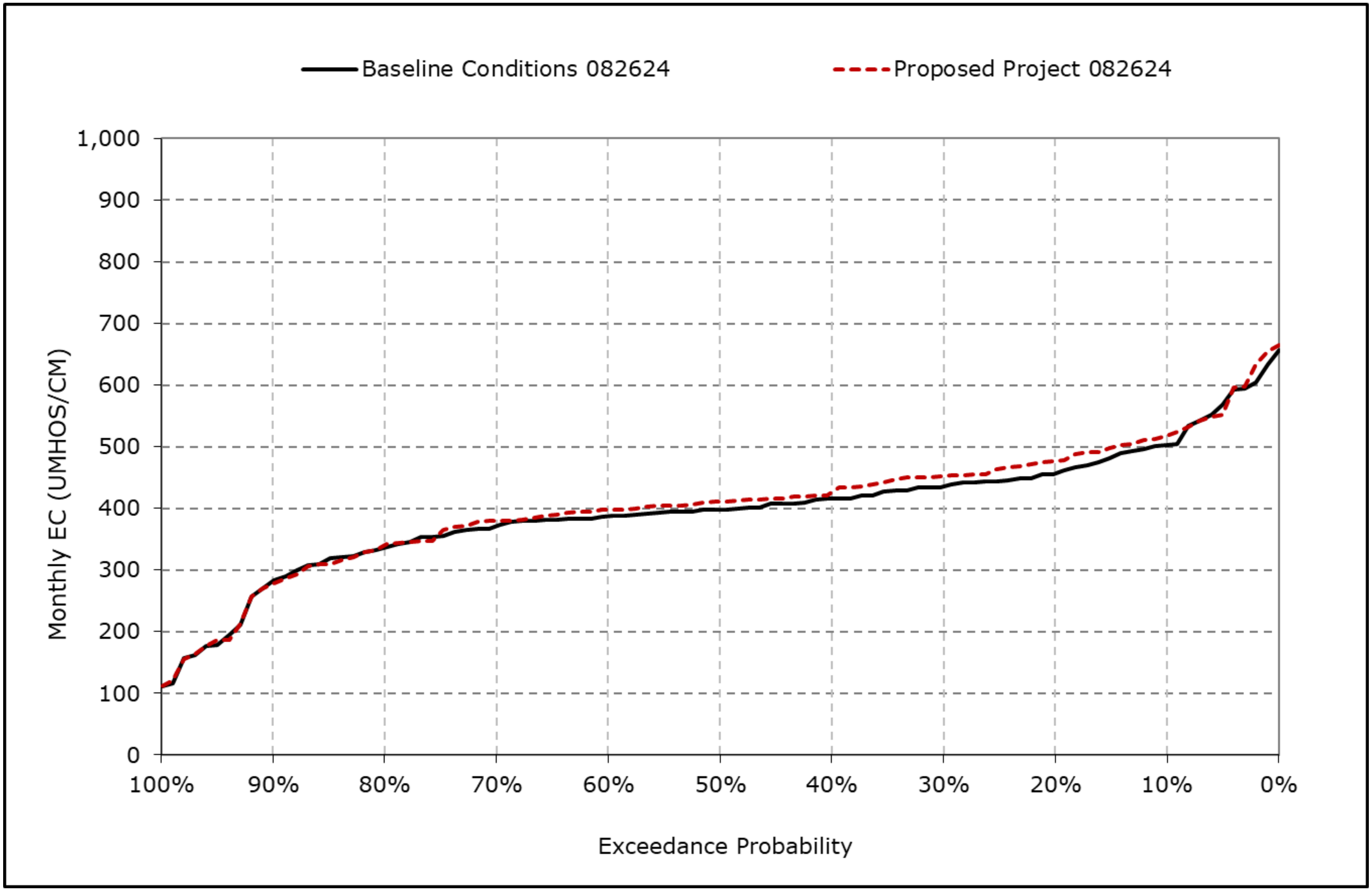
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16k. Banks Pumping Plant South Delta Exports Salinity, February EC



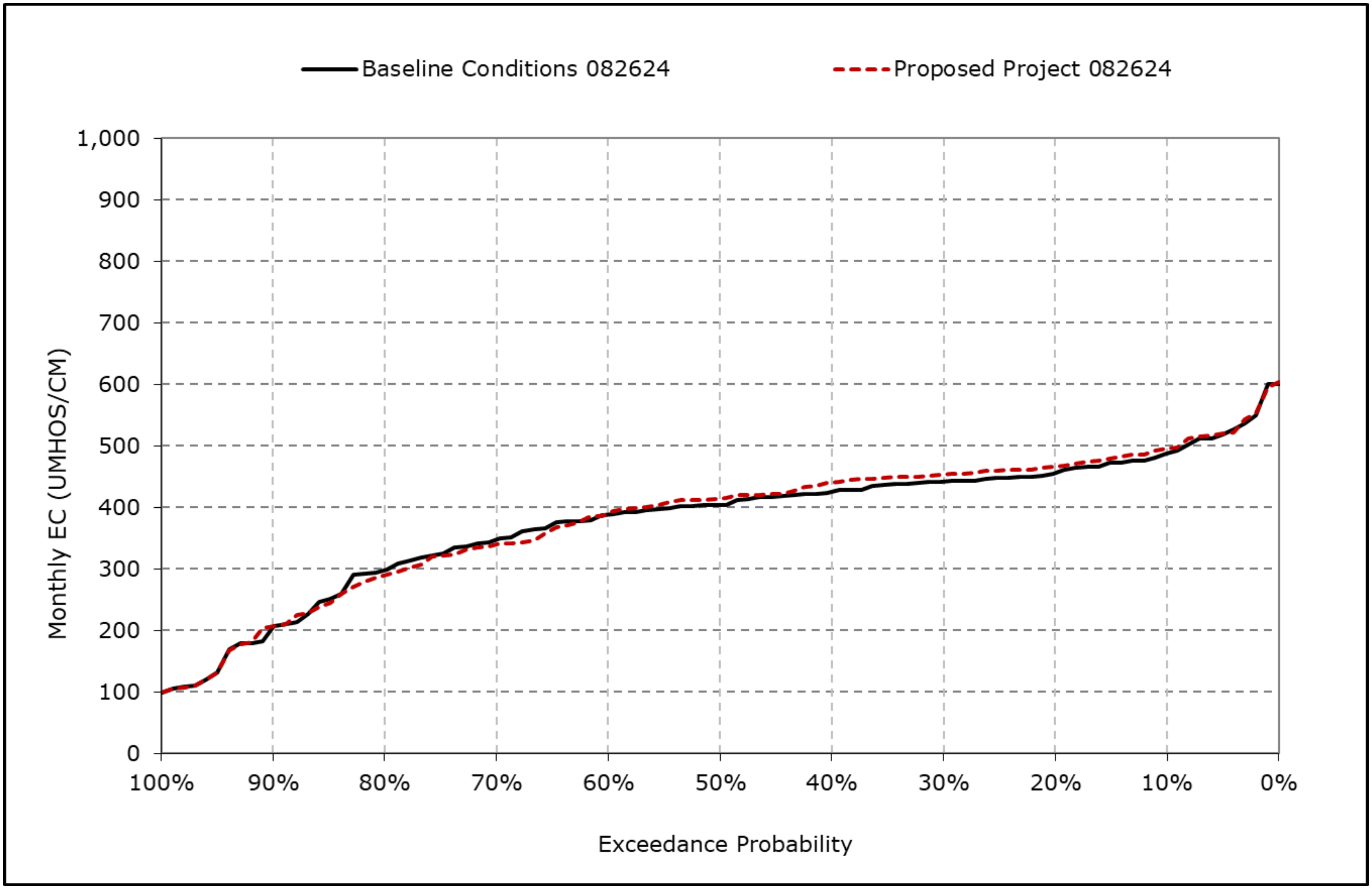
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16l. Banks Pumping Plant South Delta Exports Salinity, March EC



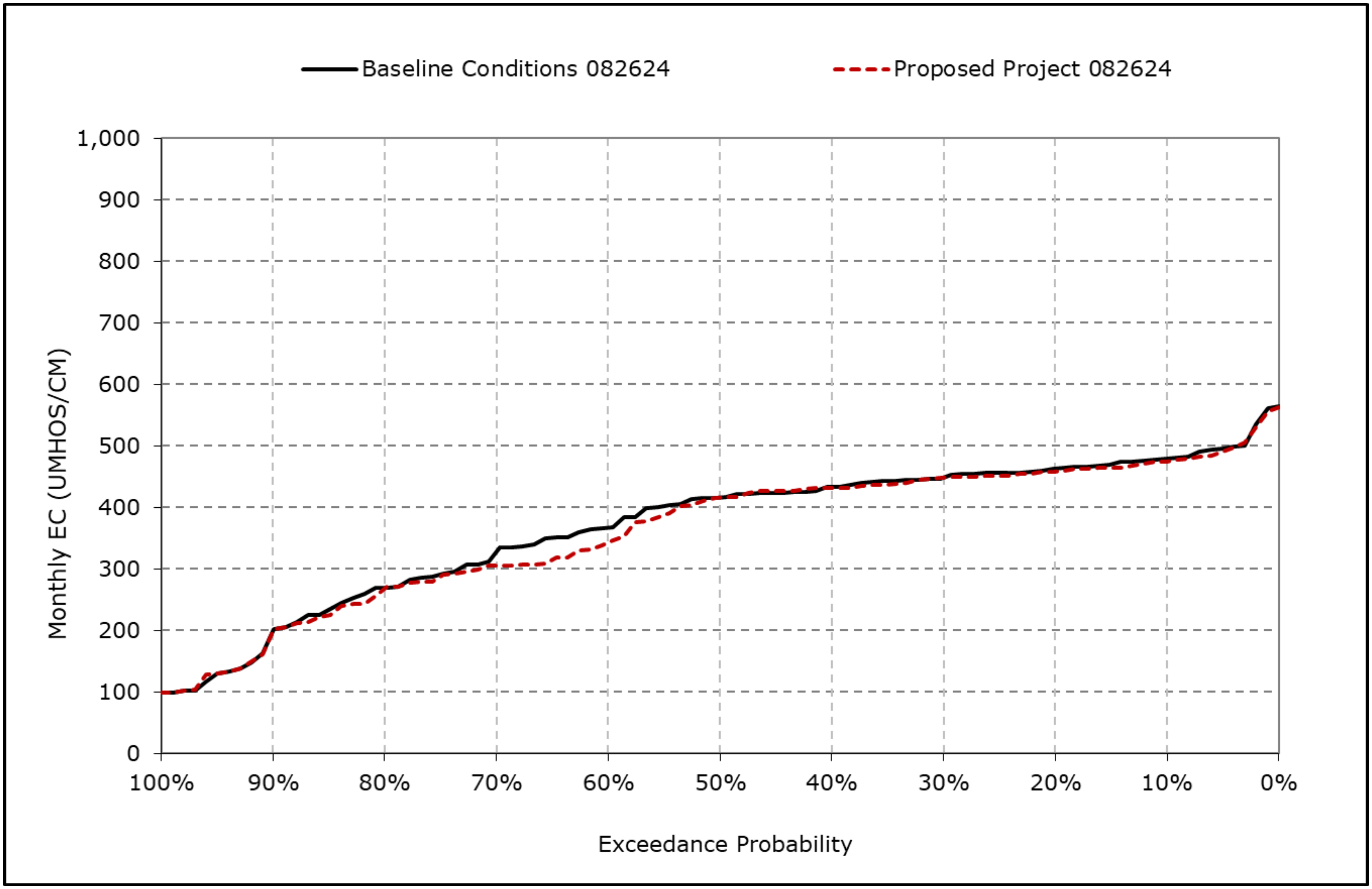
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16m. Banks Pumping Plant South Delta Exports Salinity, April EC



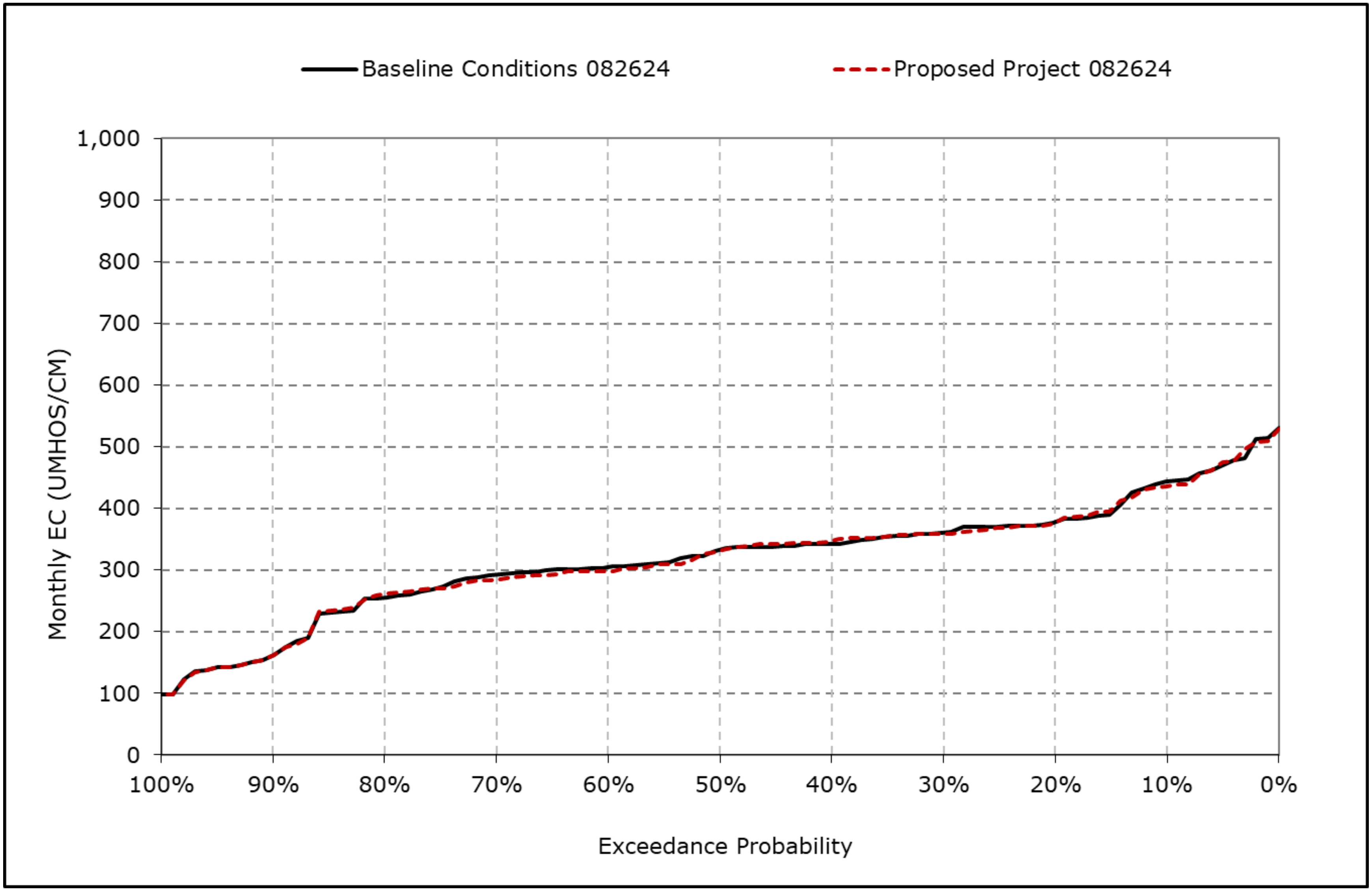
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16n. Banks Pumping Plant South Delta Exports Salinity, May EC



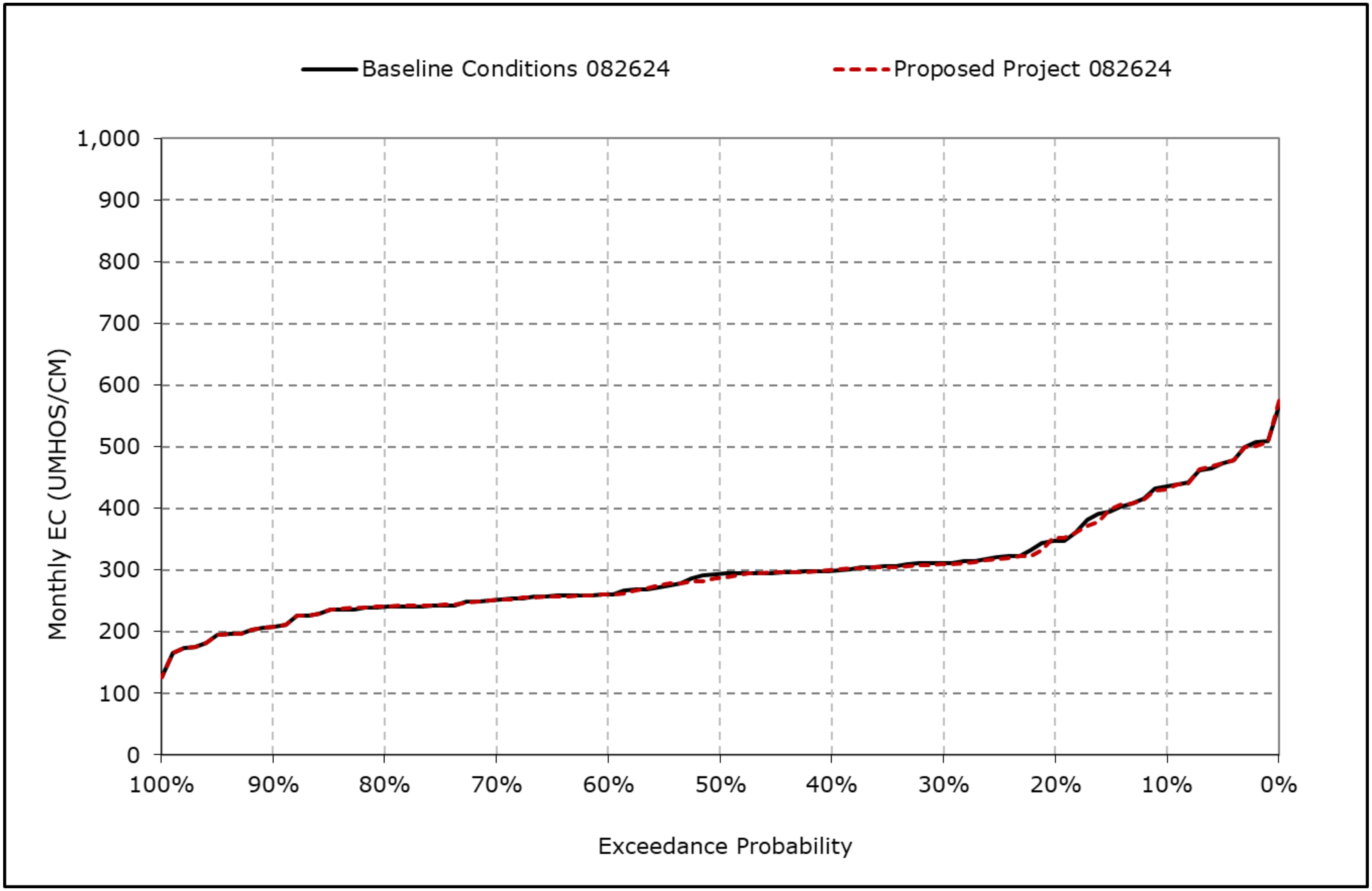
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16o. Banks Pumping Plant South Delta Exports Salinity, June EC



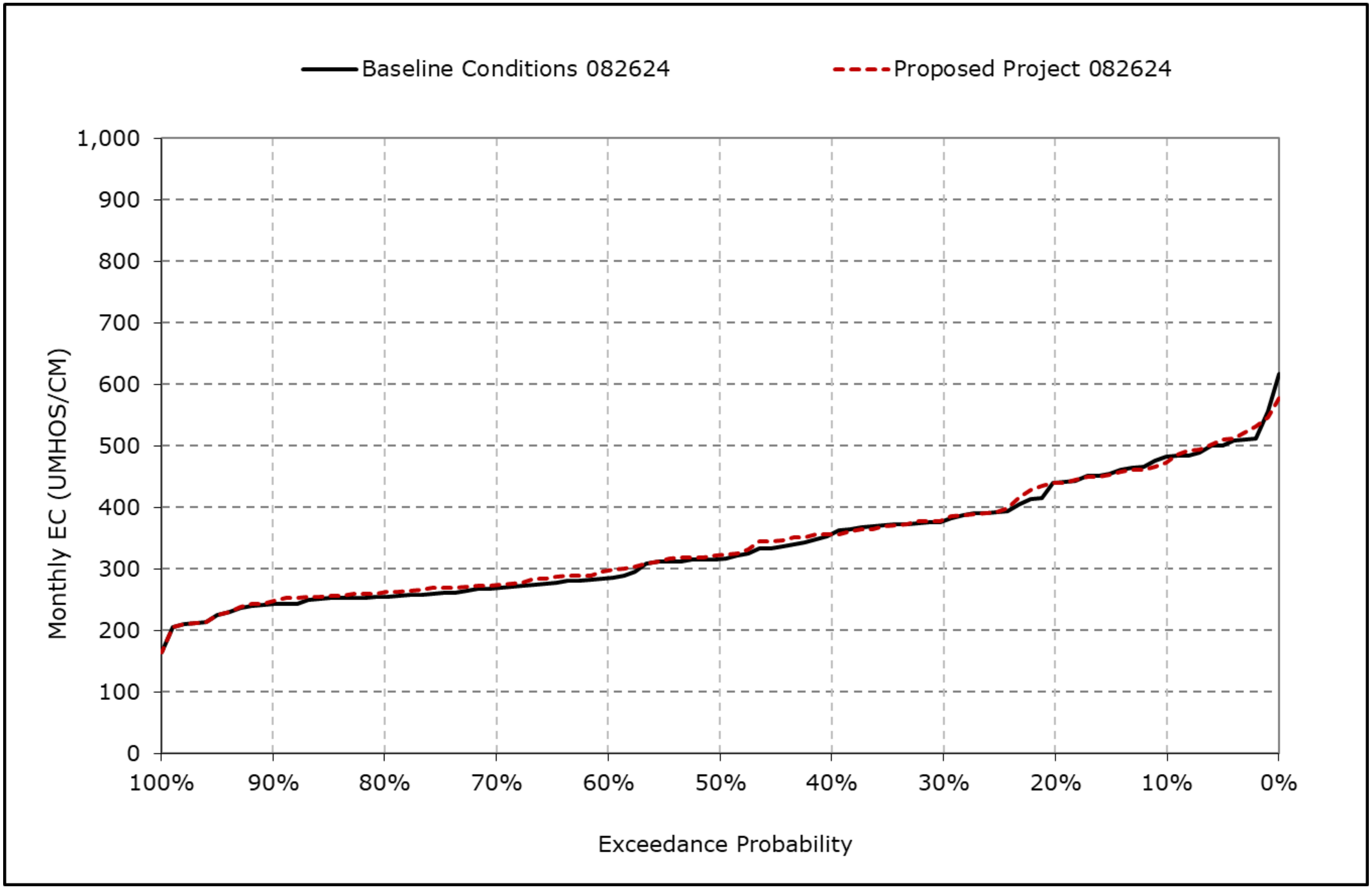
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16p. Banks Pumping Plant South Delta Exports Salinity, July EC



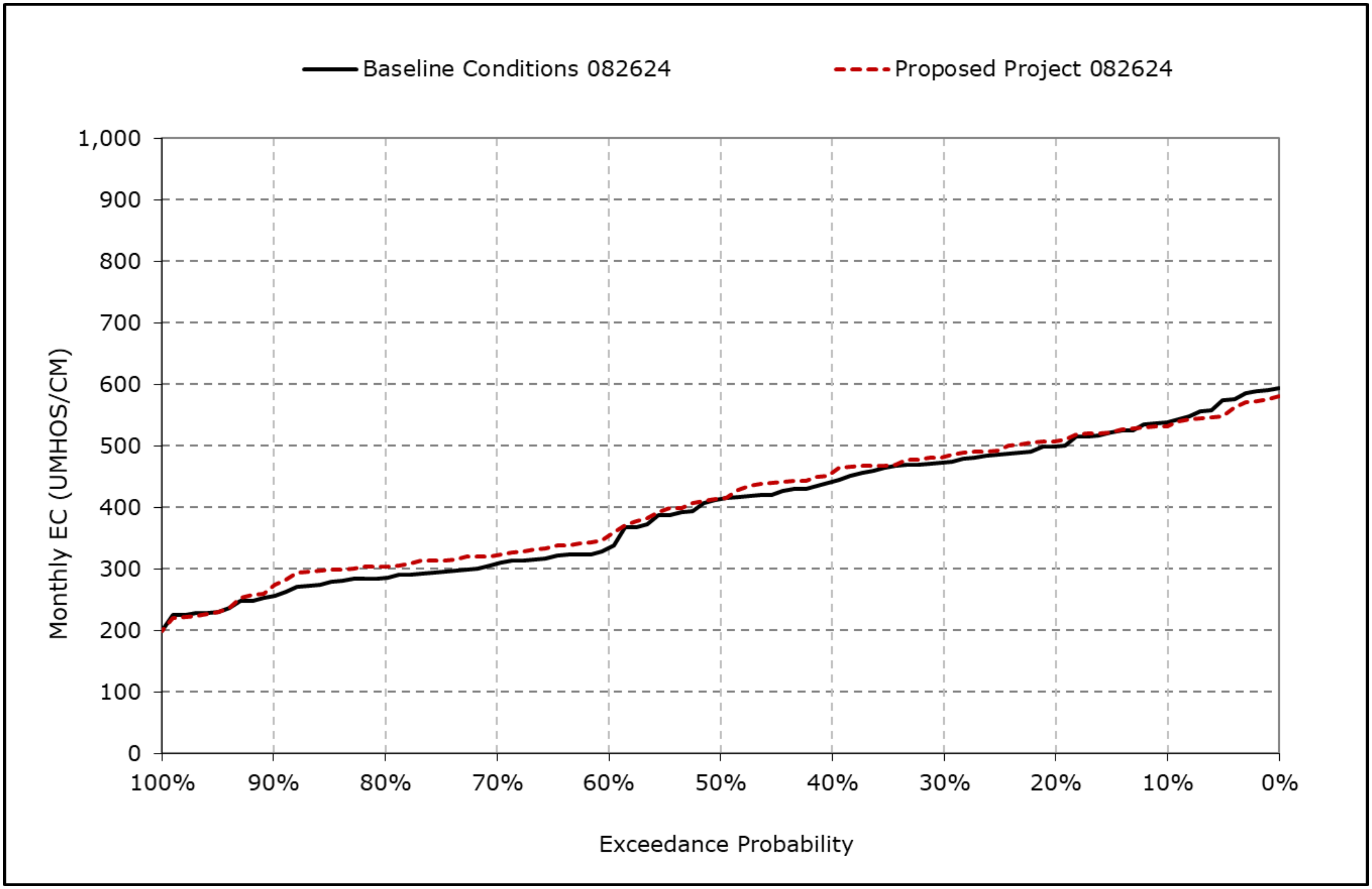
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-16q. Banks Pumping Plant South Delta Exports Salinity, August EC



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

Figure 4B-6-16r. Banks Pumping Plant South Delta Exports Salinity, September EC



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

Table 4B-6-17-1a. Jones Pumping Plant South Delta Exports Salinity, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	621	697	740	754	663	647	543	466	440	429	483	552
20% Exceedance	587	651	721	719	621	585	529	446	373	374	446	523
30% Exceedance	559	600	709	700	591	561	521	436	365	341	403	495
40% Exceedance	547	574	685	668	559	549	506	420	353	333	383	480
50% Exceedance	526	544	655	637	527	520	470	386	341	324	347	441
60% Exceedance	376	410	627	565	508	486	384	325	330	311	328	358
70% Exceedance	341	392	576	528	459	388	315	273	319	293	315	336
80% Exceedance	332	378	511	463	393	327	252	244	272	280	299	325
90% Exceedance	317	364	430	383	287	245	169	146	124	241	275	292
Full Simulation Period Average[a]	471	519	620	591	508	471	401	344	321	326	365	426
Wet Water Years (32%)	451	495	557	480	368	308	236	218	220	255	283	311
Above Normal Years (9%)	474	521	658	630	570	510	395	339	316	307	308	330
Below Normal Years (20%)	449	504	617	617	543	502	420	347	336	323	377	503
Dry Water Years (21%)	460	499	633	626	566	550	518	434	359	348	424	478
Critical Water Years (18%)	540	599	700	701	622	615	538	461	441	439	455	531

Table 4B-6-17-1b. Jones Pumping Plant South Delta Exports Salinity, Proposed Project 082624, Monthly EC (UMHOS/CM)

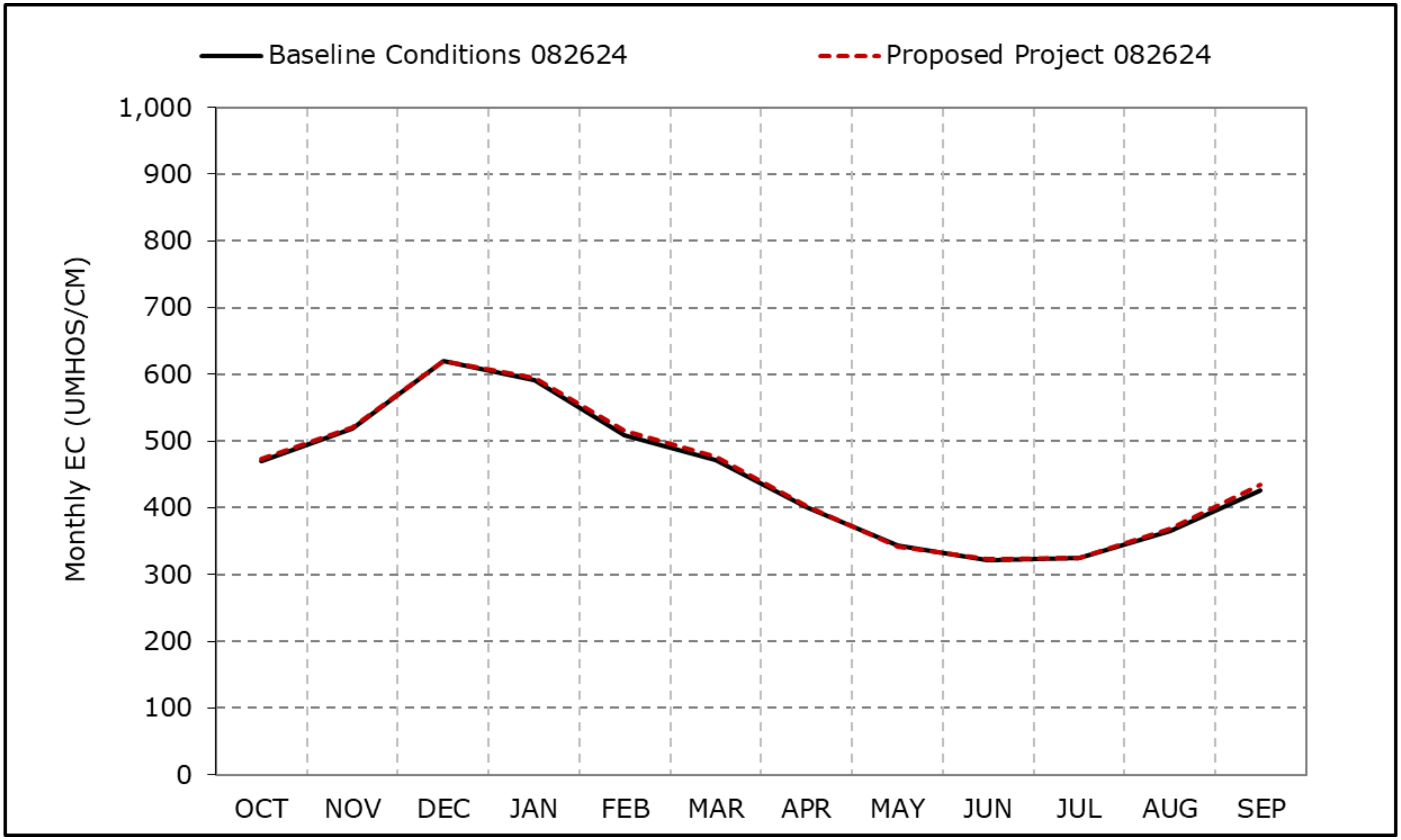
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	613	699	743	755	666	650	544	464	440	434	480	547
20% Exceedance	586	654	719	724	642	604	531	445	373	380	448	527
30% Exceedance	574	604	706	698	607	572	522	433	365	340	404	509
40% Exceedance	549	573	679	670	569	558	510	420	357	329	386	488
50% Exceedance	529	546	658	641	535	536	471	382	343	322	351	463
60% Exceedance	380	411	623	571	516	490	387	316	335	307	334	382
70% Exceedance	342	390	577	534	471	389	313	275	323	292	318	351
80% Exceedance	335	378	521	464	393	329	256	242	274	280	303	338
90% Exceedance	319	365	429	386	288	245	168	148	124	241	277	298
Full Simulation Period Average[a]	473	521	620	594	516	477	402	342	323	324	369	434
Wet Water Years (32%)	454	499	557	482	370	308	237	214	222	254	287	321
Above Normal Years (9%)	479	522	661	640	581	516	397	331	321	305	316	348
Below Normal Years (20%)	452	505	619	621	553	514	422	349	338	319	378	498
Dry Water Years (21%)	459	498	633	624	580	561	521	436	361	346	433	498
Critical Water Years (18%)	545	603	698	708	628	621	537	459	441	440	454	531

Table 4B-6-17-1c. Jones Pumping Plant South Delta Exports Salinity, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-8	2	2	0	3	3	1	-2	0	4	-3	-5
20% Exceedance	-1	3	-2	5	21	19	2	-1	0	5	2	4
30% Exceedance	15	3	-3	-1	15	11	1	-3	0	-2	0	13
40% Exceedance	2	-1	-6	1	10	9	4	-1	4	-4	4	9
50% Exceedance	4	2	4	3	8	16	1	-4	2	-2	4	22
60% Exceedance	4	1	-4	5	7	4	3	-10	5	-4	6	24
70% Exceedance	2	-2	1	7	12	1	-2	2	3	0	3	15
80% Exceedance	3	0	10	1	1	2	3	-2	2	1	4	13
90% Exceedance	2	1	-1	2	0	0	-1	3	0	0	1	6
Full Simulation Period Average[a]	3	2	0	3	8	6	1	-1	2	-1	4	8
Wet Water Years (32%)	2	4	0	2	2	0	1	-3	3	-1	3	10
Above Normal Years (9%)	4	1	3	10	11	6	2	-8	4	-2	8	18
Below Normal Years (20%)	3	1	1	3	10	12	2	2	2	-4	1	-5
Dry Water Years (21%)	-1	-2	0	-3	15	11	4	1	2	-2	10	20
Critical Water Years (18%)	5	4	-1	7	6	6	-1	-1	0	1	-1	0

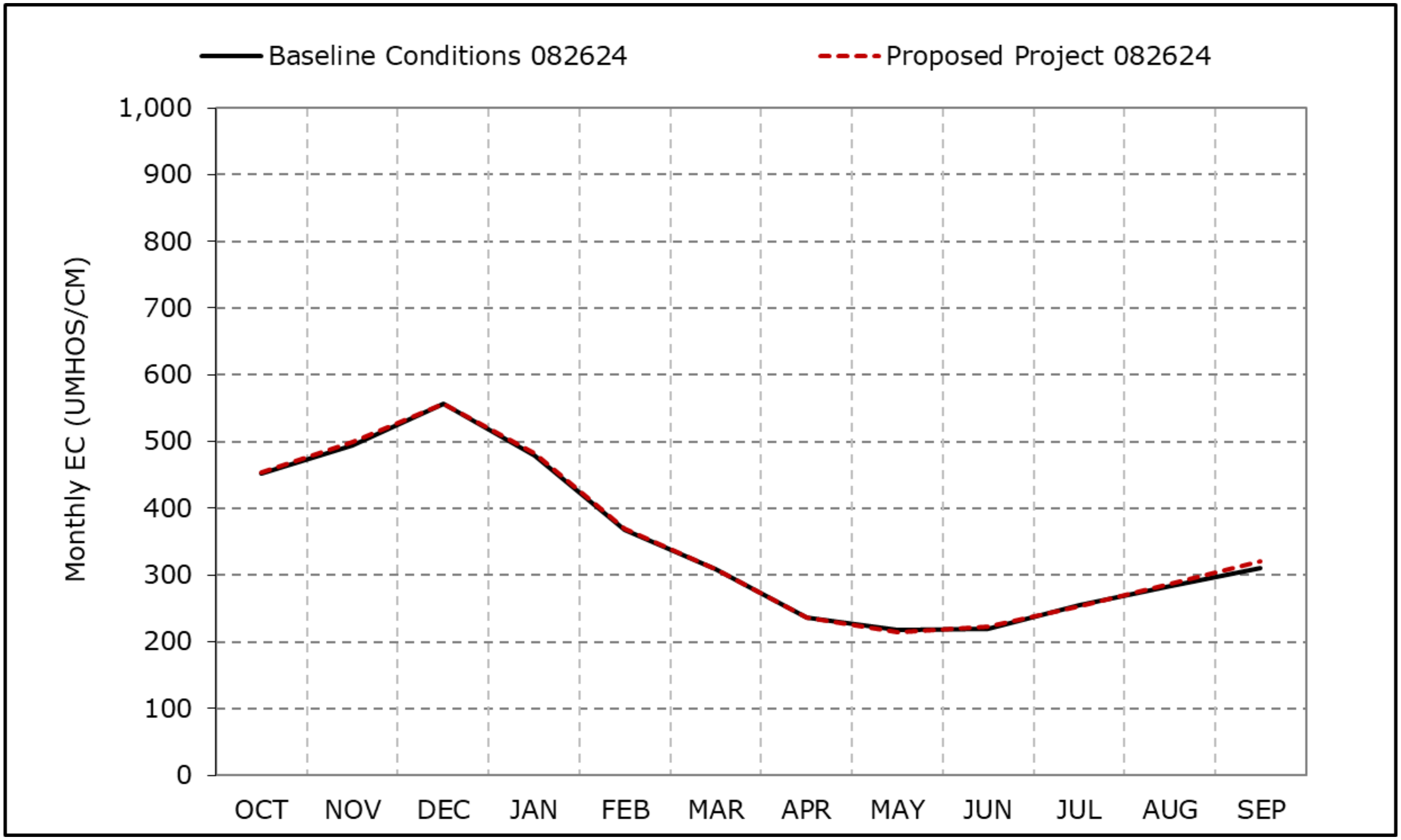
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-17a. Jones Pumping Plant South Delta Exports Salinity, Long-Term Average EC



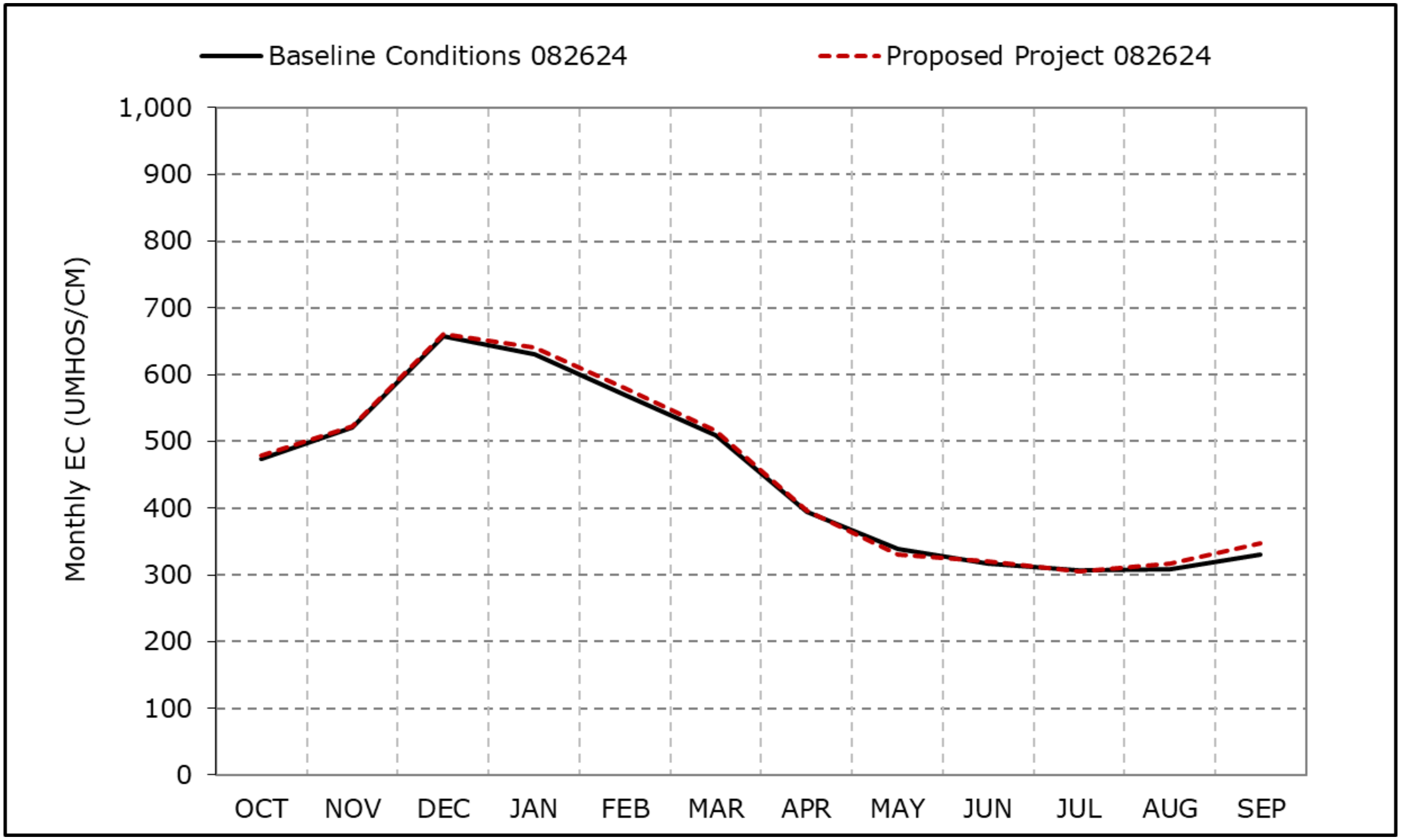
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17b. Jones Pumping Plant South Delta Exports Salinity, Wet Year Average EC



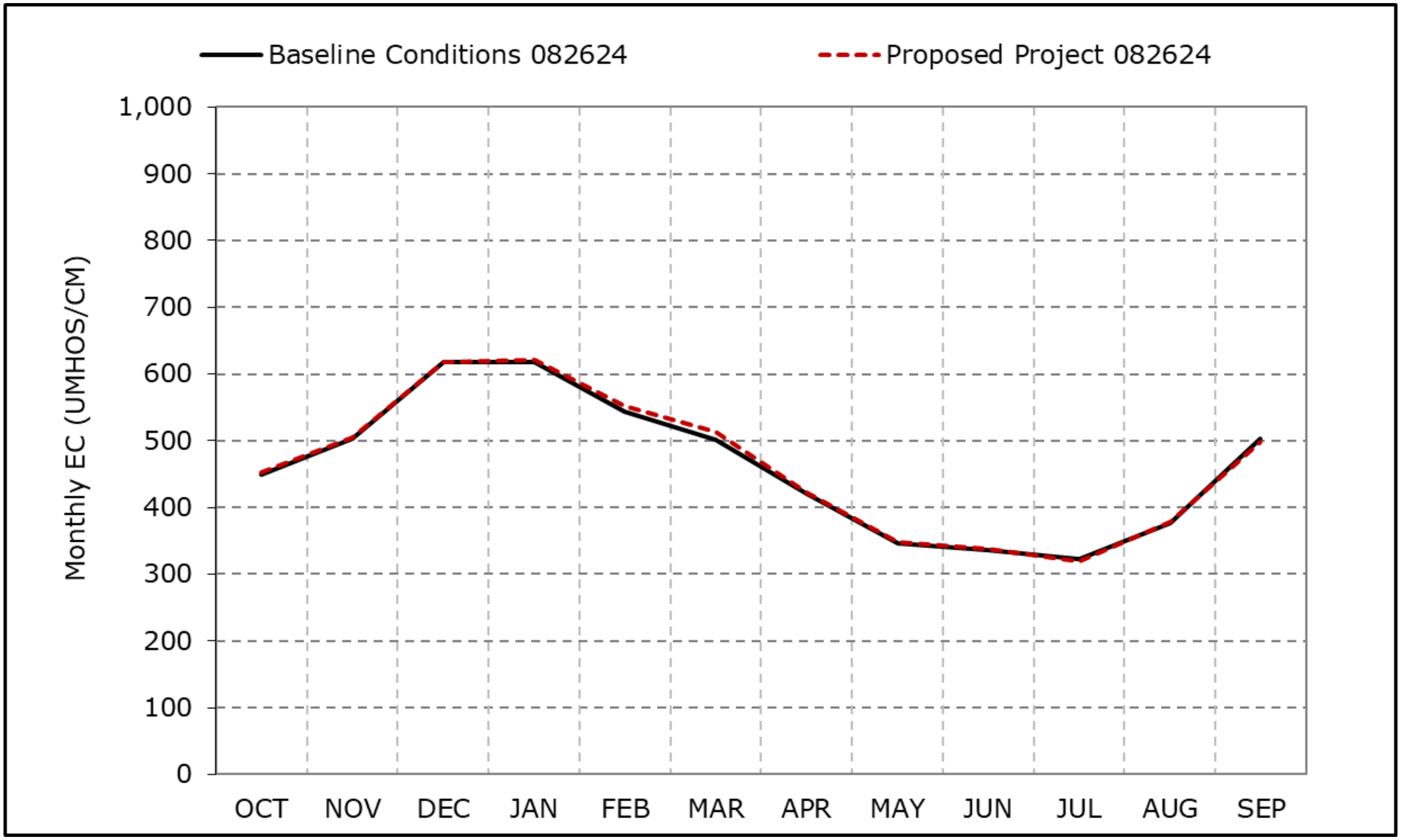
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17c. Jones Pumping Plant South Delta Exports Salinity, Above Normal Year Average EC



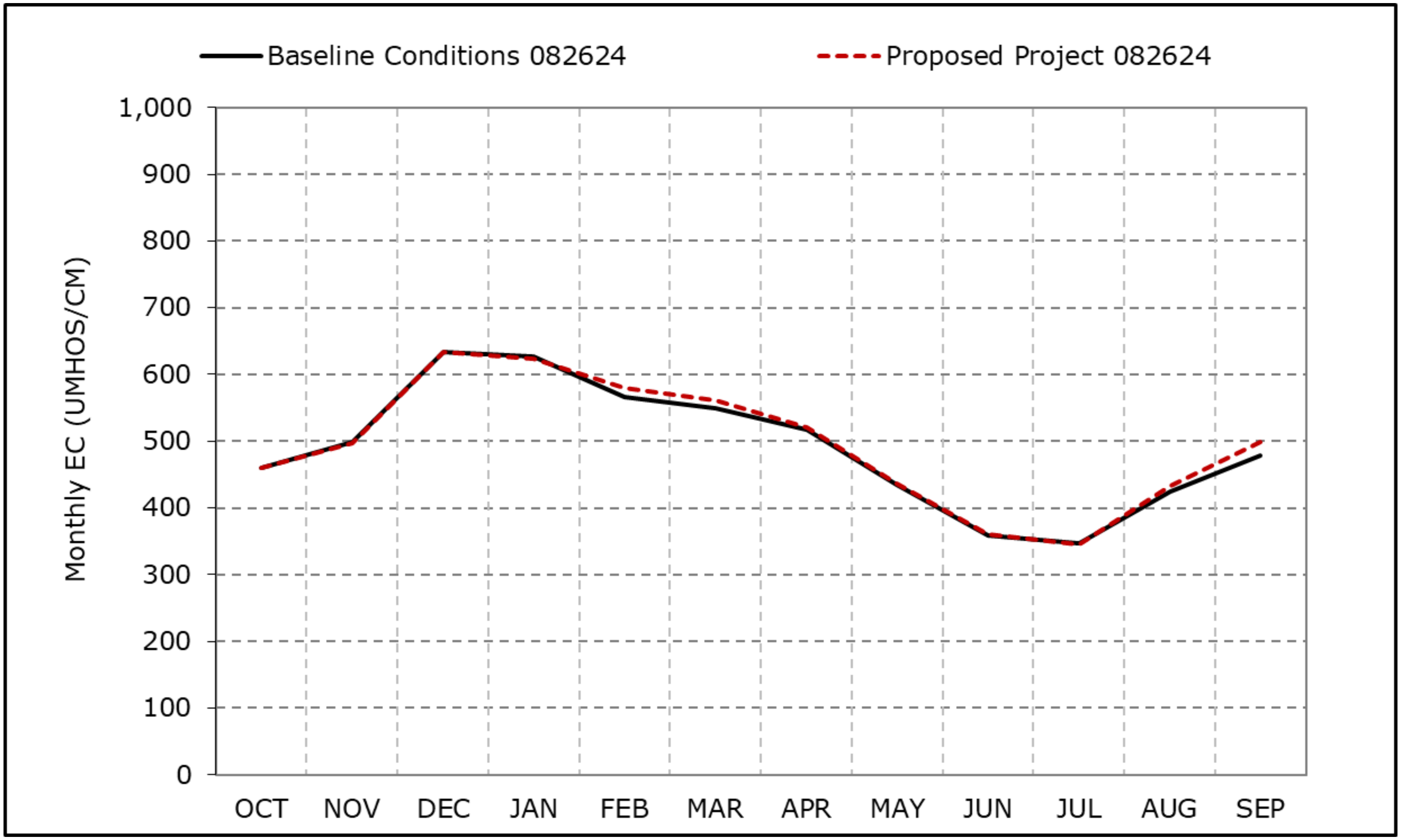
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17d. Jones Pumping Plant South Delta Exports Salinity, Below Normal Year Average EC



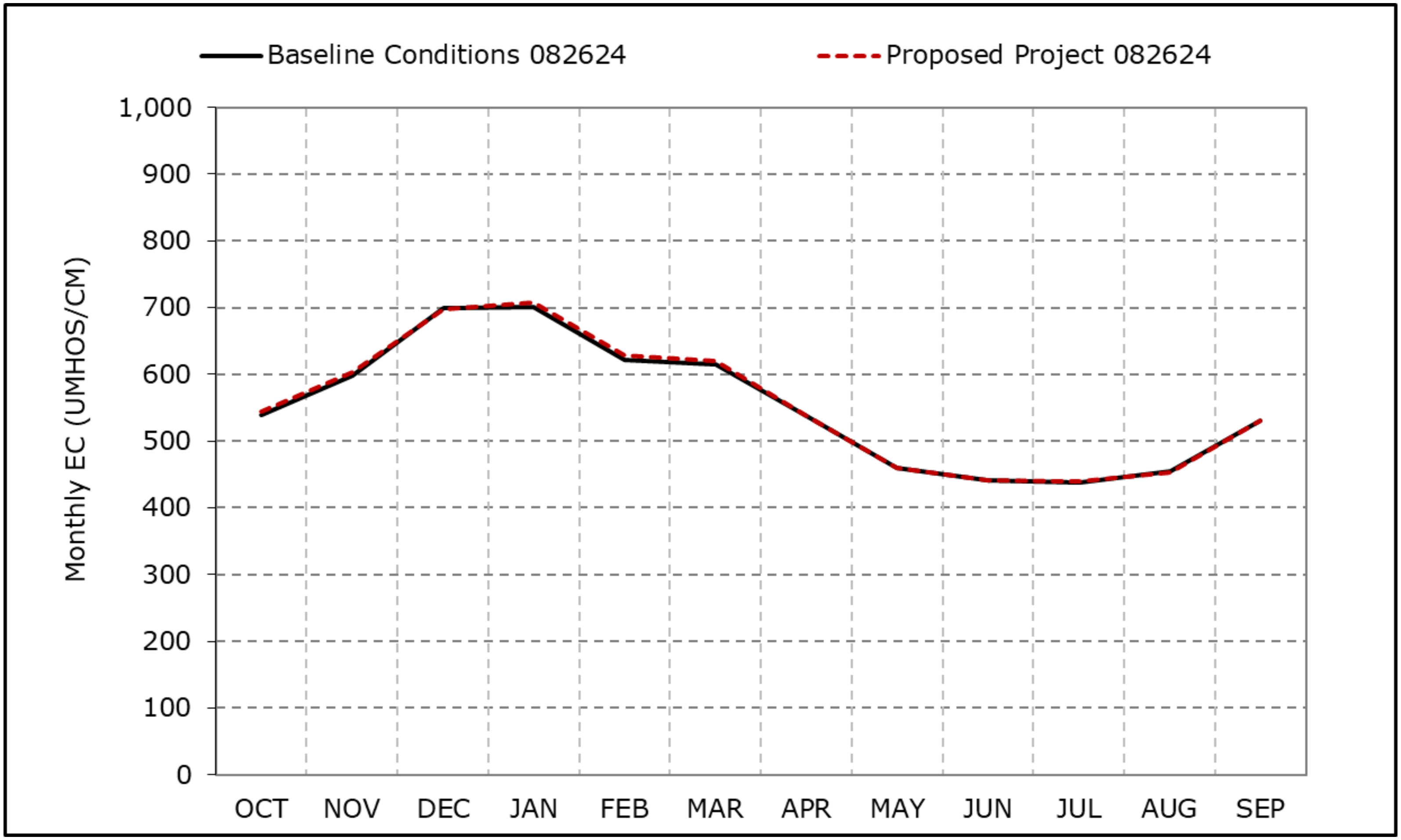
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17e. Jones Pumping Plant South Delta Exports Salinity, Dry Year Average EC



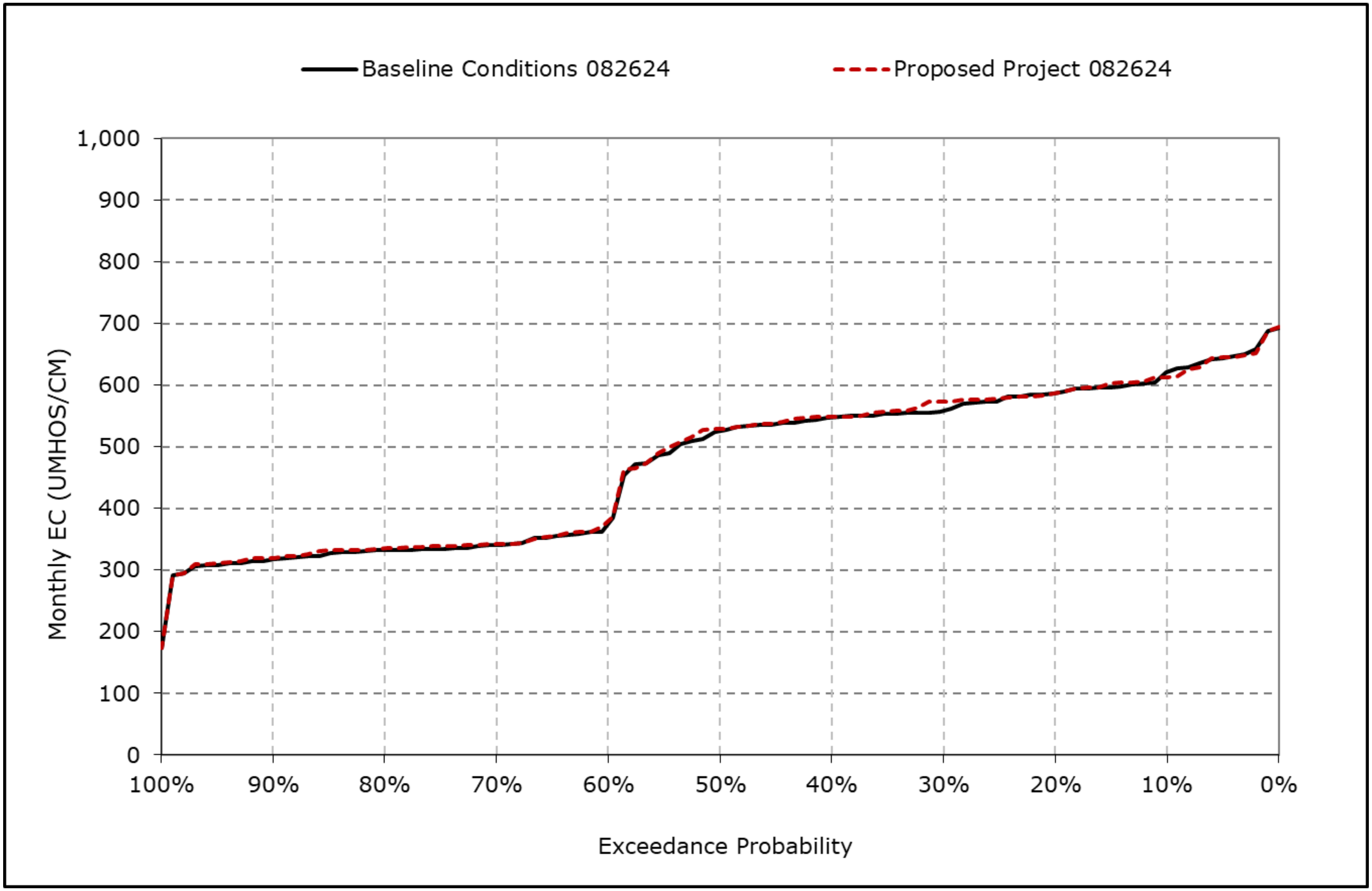
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17f. Jones Pumping Plant South Delta Exports Salinity, Critical Year Average EC



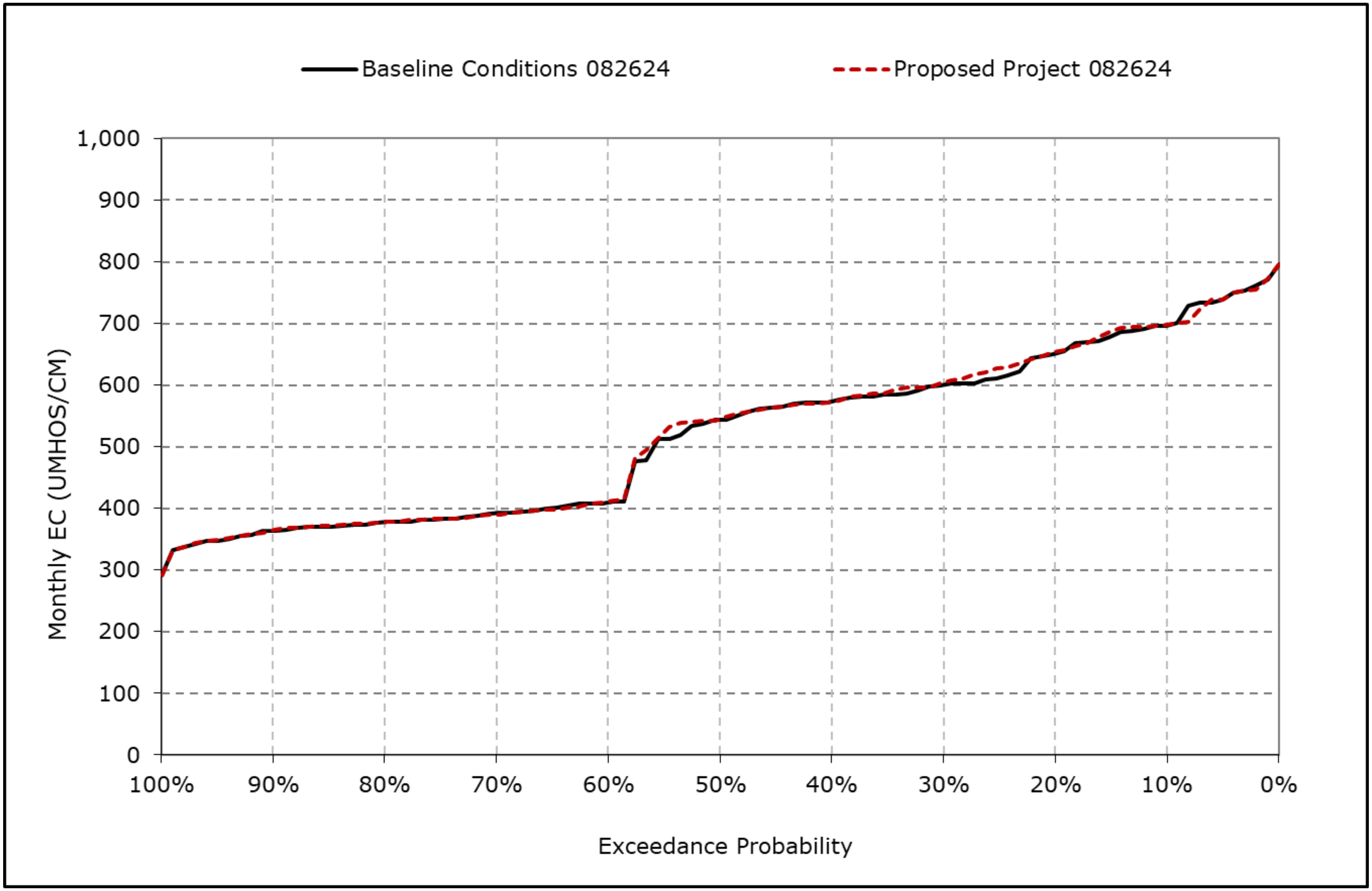
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17g. Jones Pumping Plant South Delta Exports Salinity, October EC



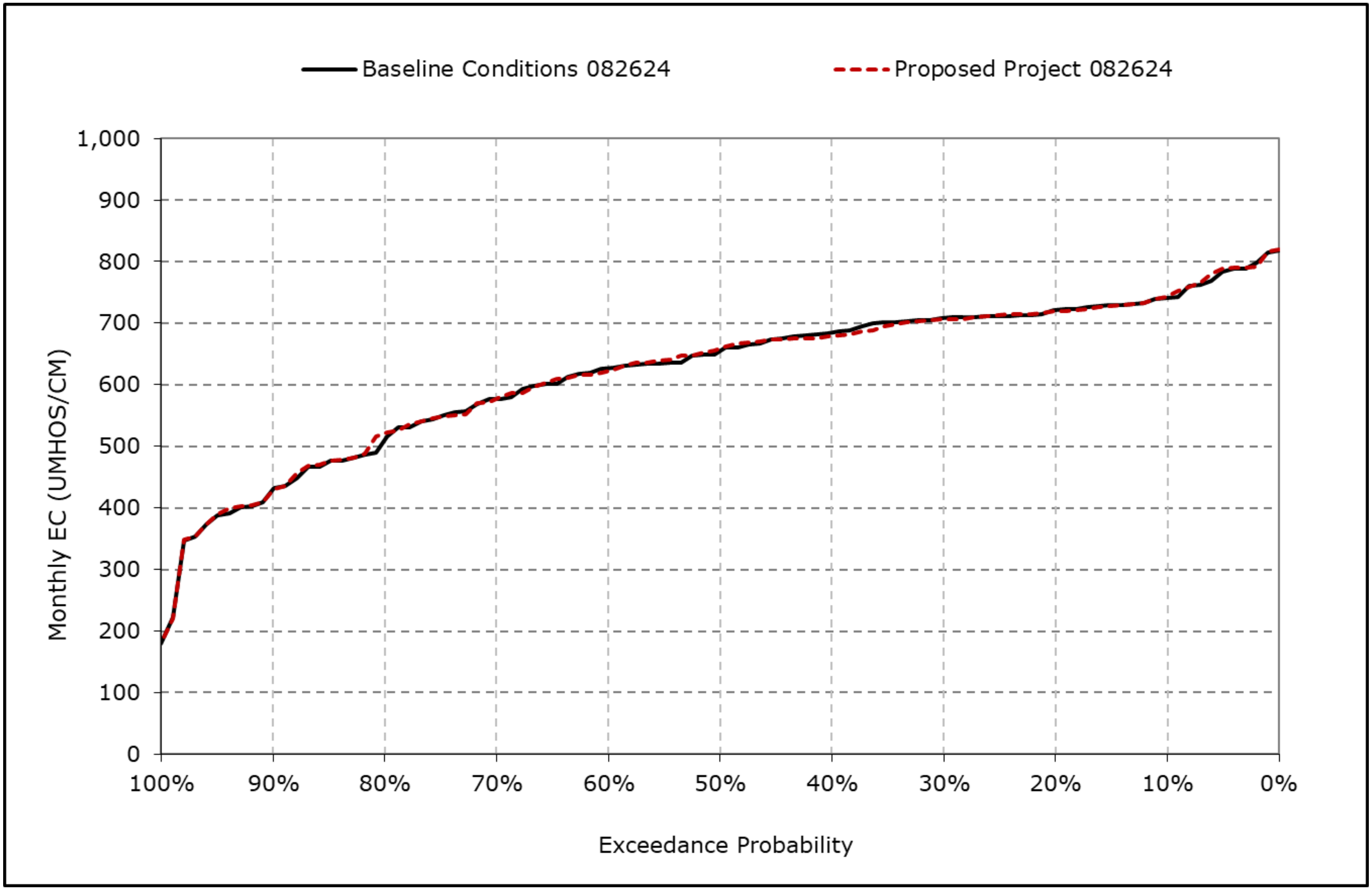
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17h. Jones Pumping Plant South Delta Exports Salinity, November EC



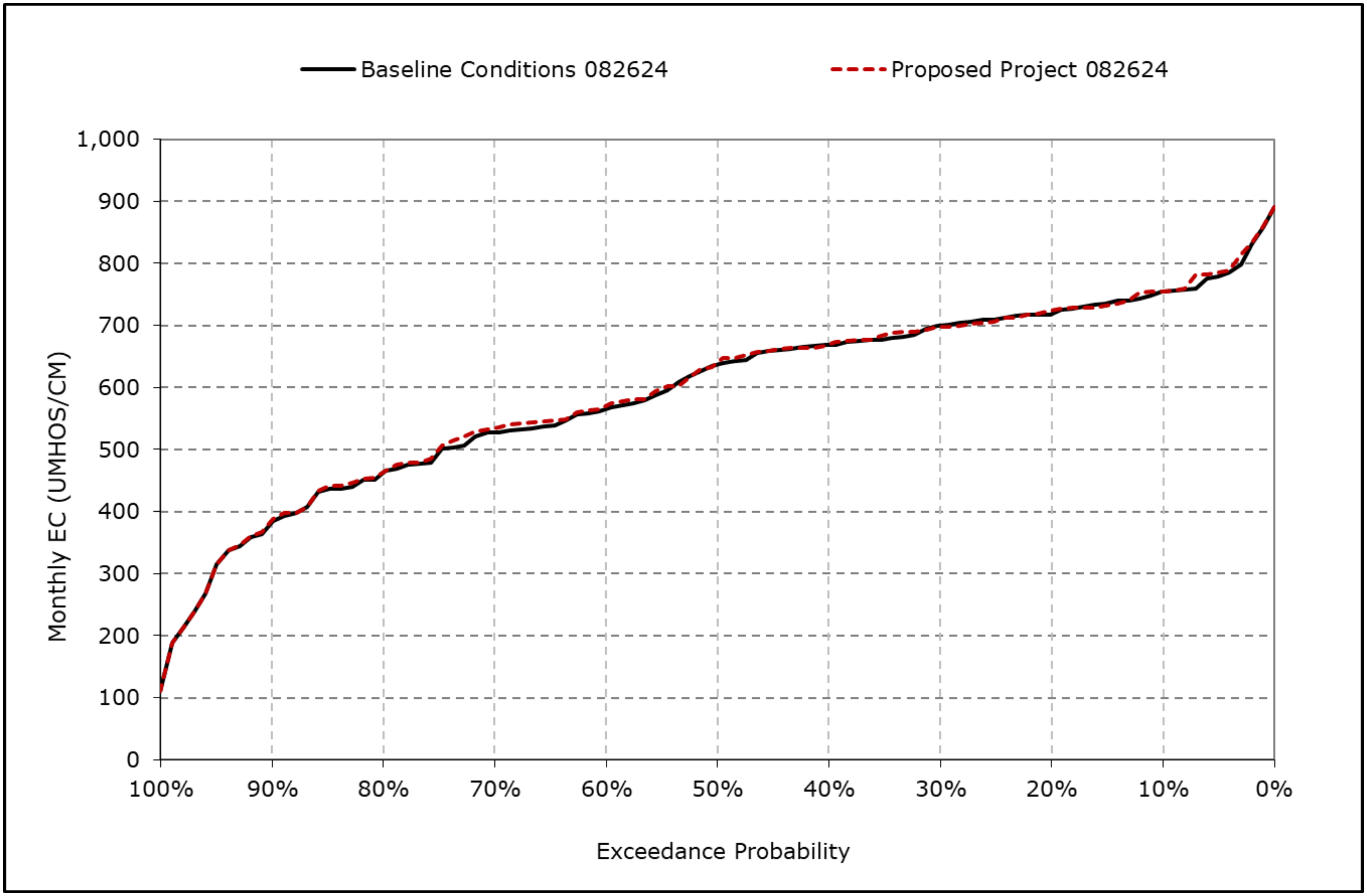
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17i. Jones Pumping Plant South Delta Exports Salinity, December EC



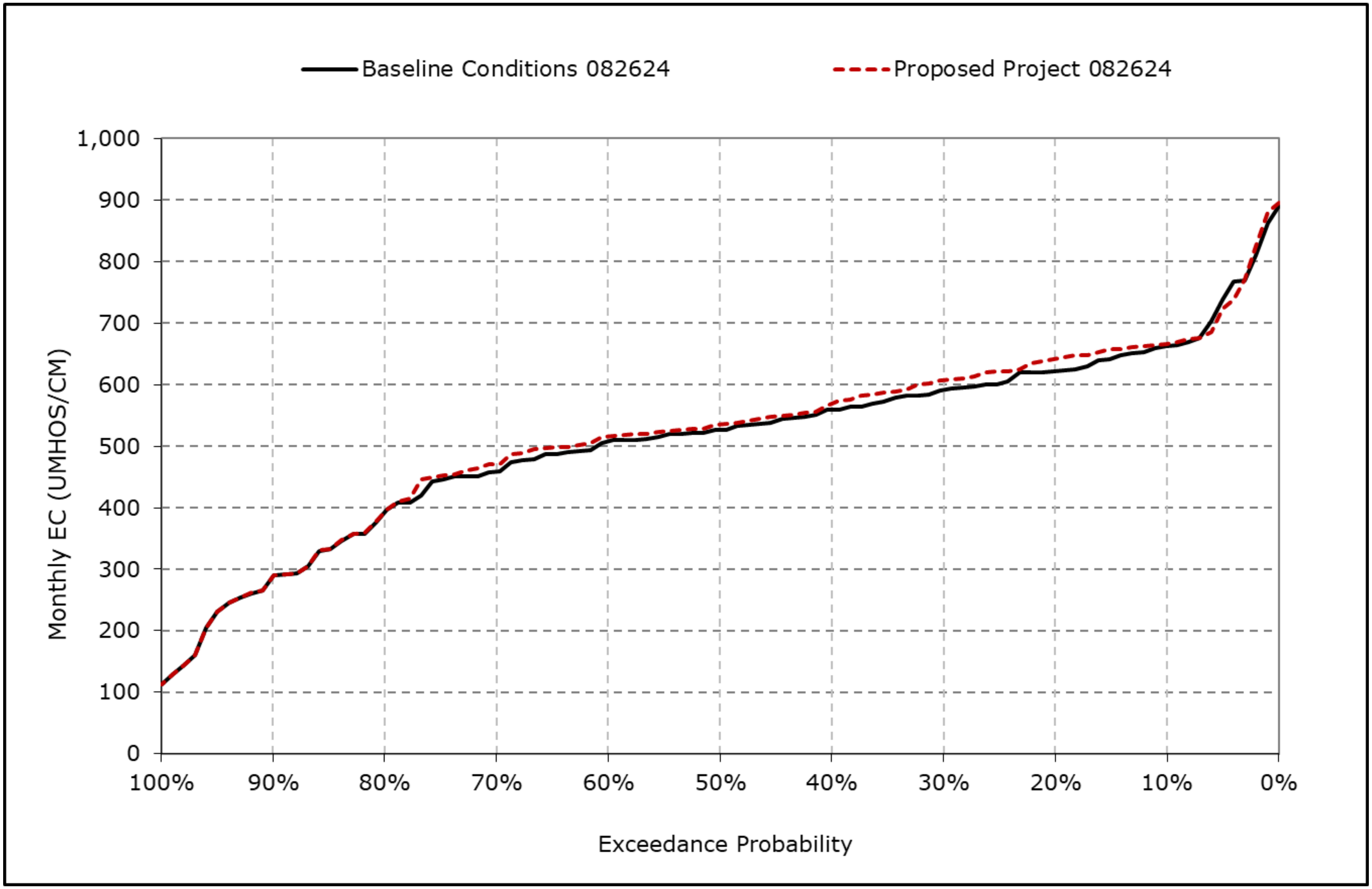
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17j. Jones Pumping Plant South Delta Exports Salinity, January EC



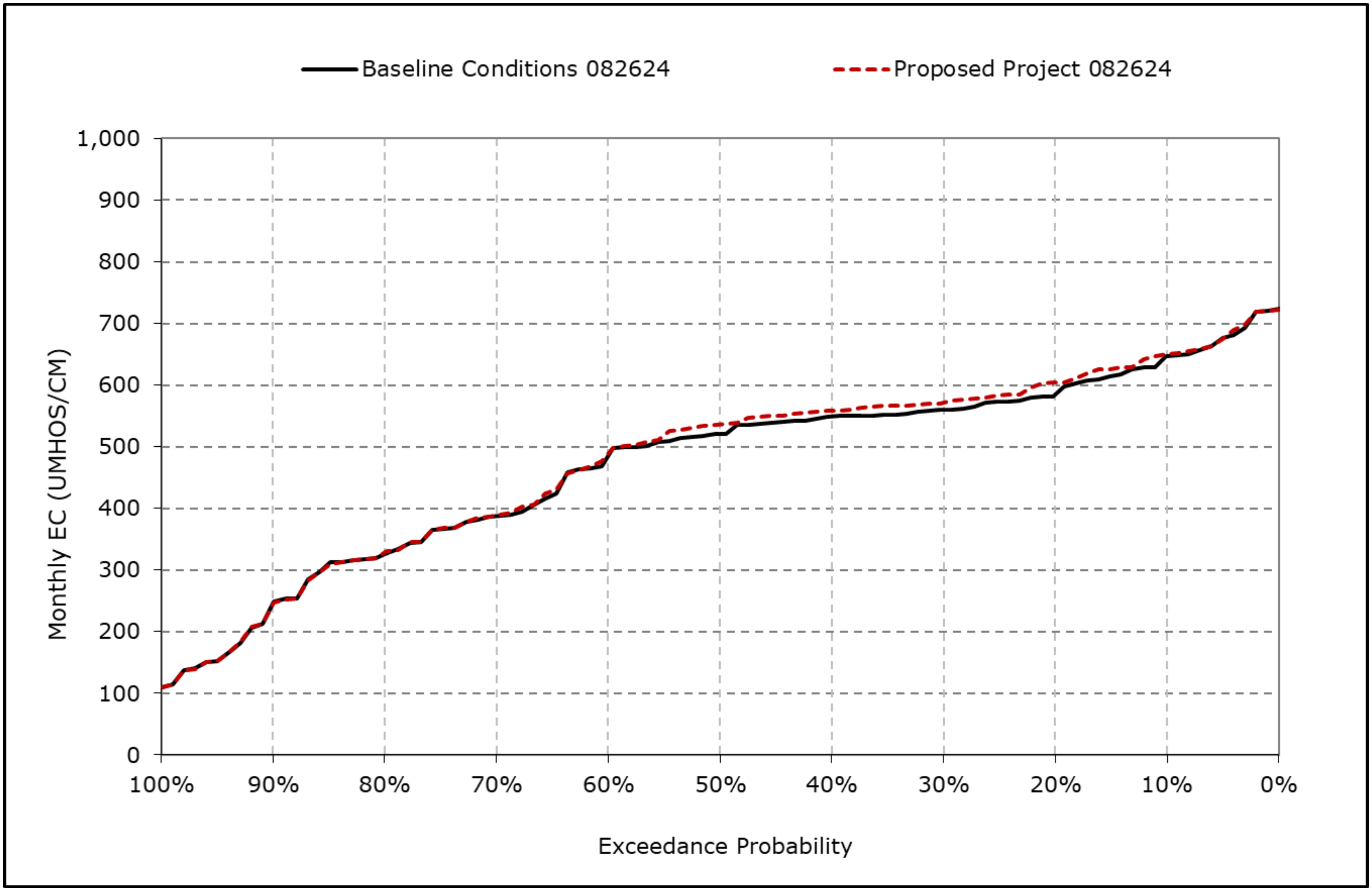
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17k. Jones Pumping Plant South Delta Exports Salinity, February EC



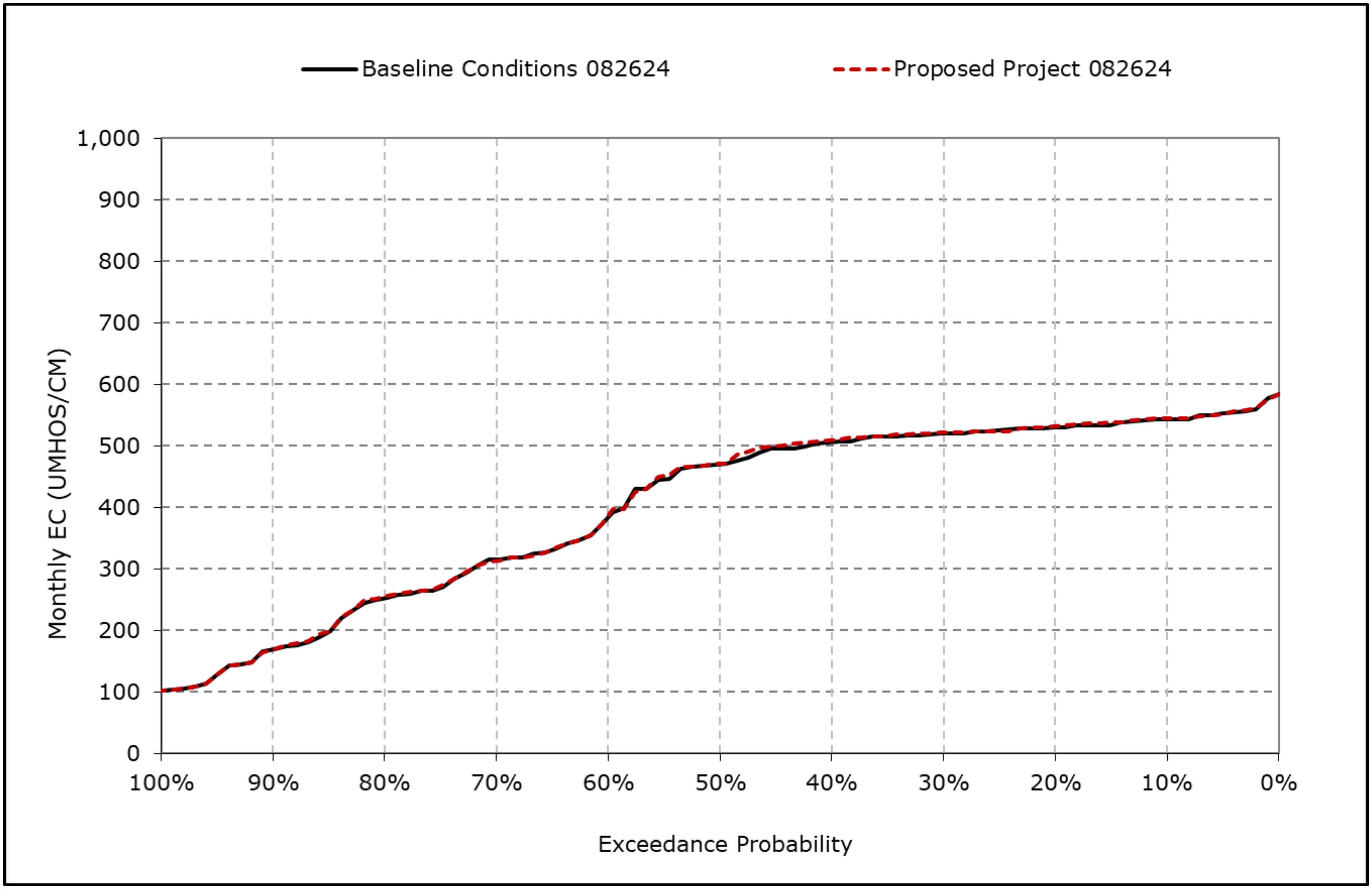
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17l. Jones Pumping Plant South Delta Exports Salinity, March EC



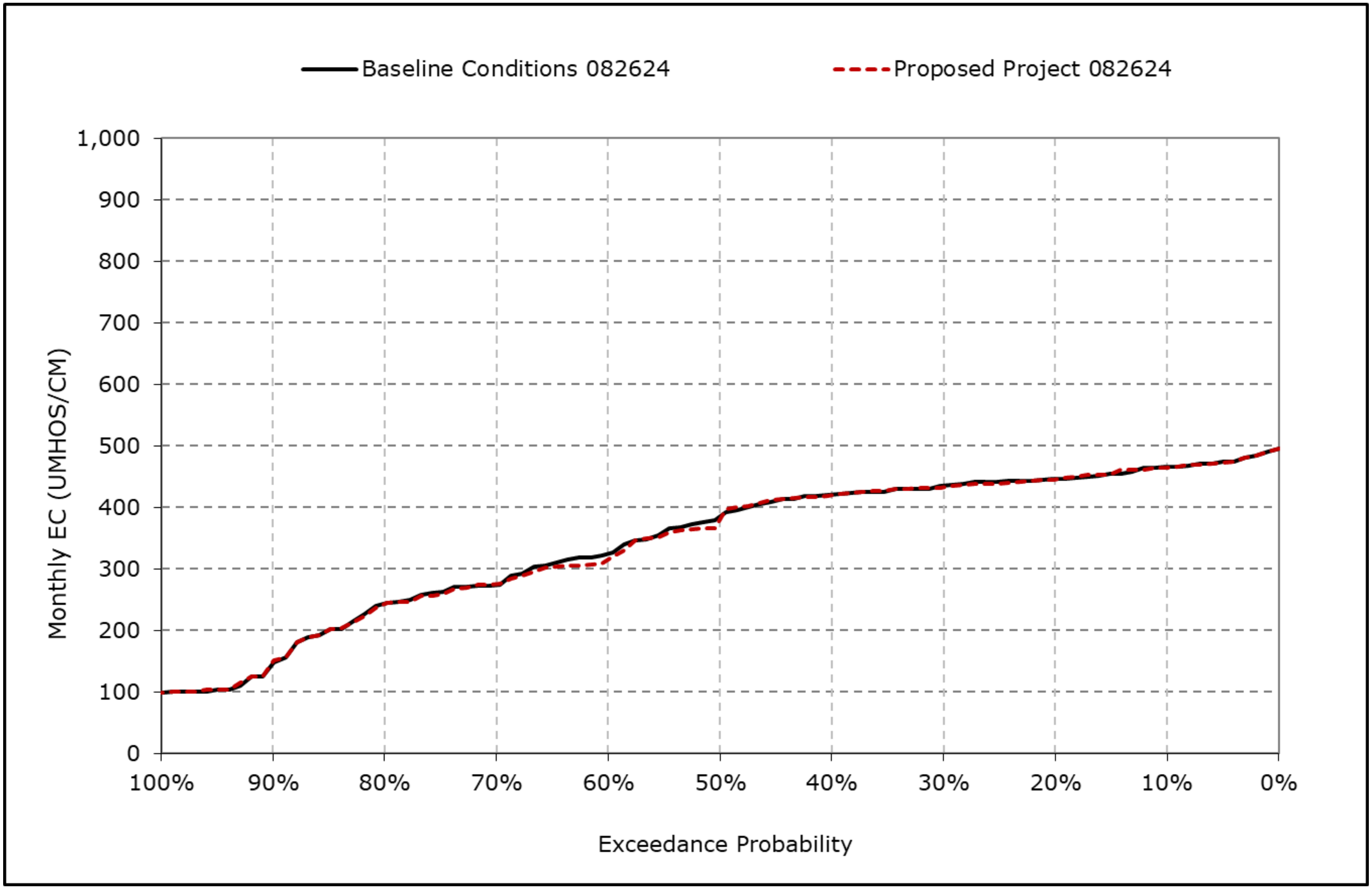
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17m. Jones Pumping Plant South Delta Exports Salinity, April EC



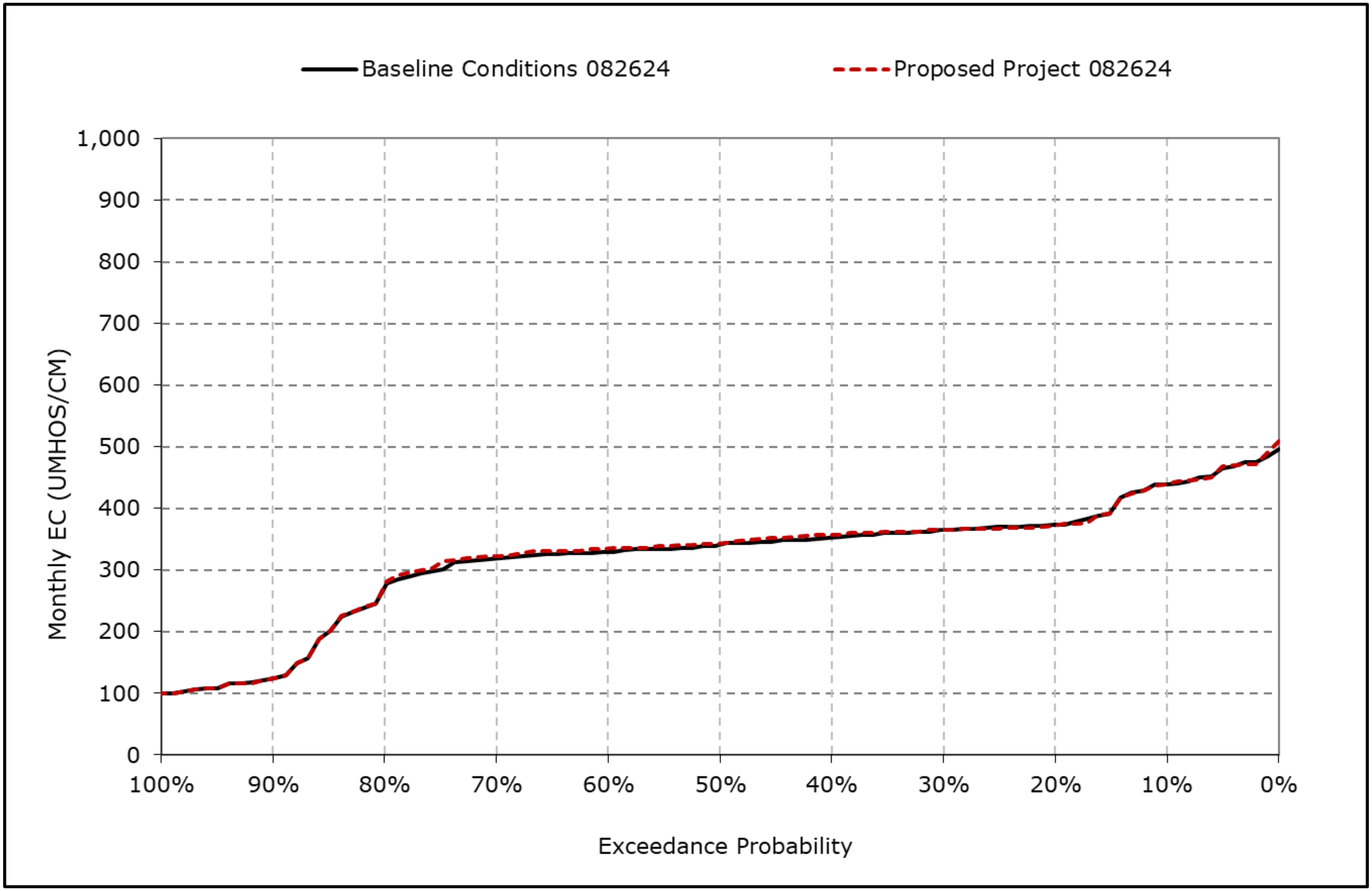
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17n. Jones Pumping Plant South Delta Exports Salinity, May EC



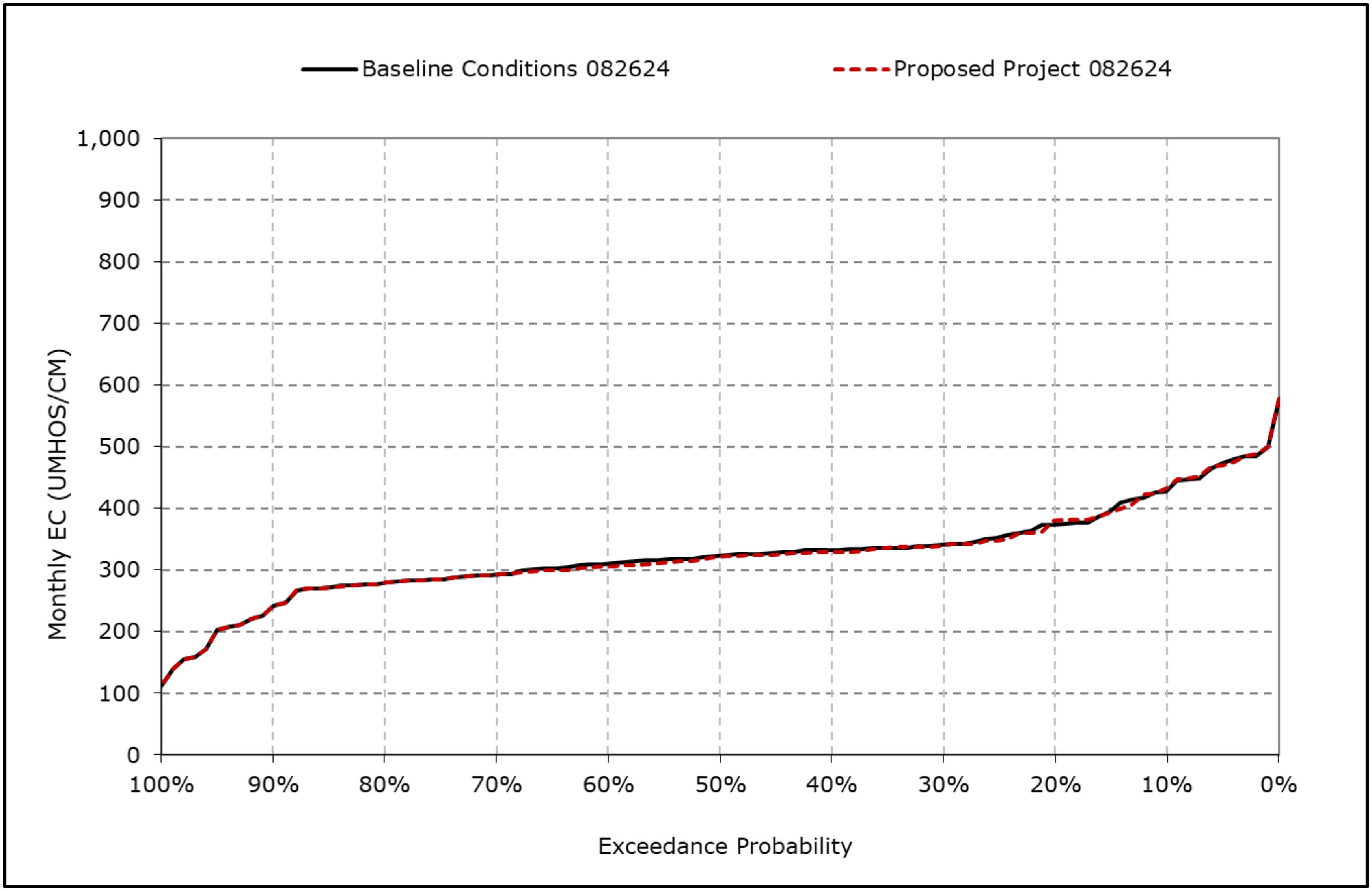
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17o. Jones Pumping Plant South Delta Exports Salinity, June EC



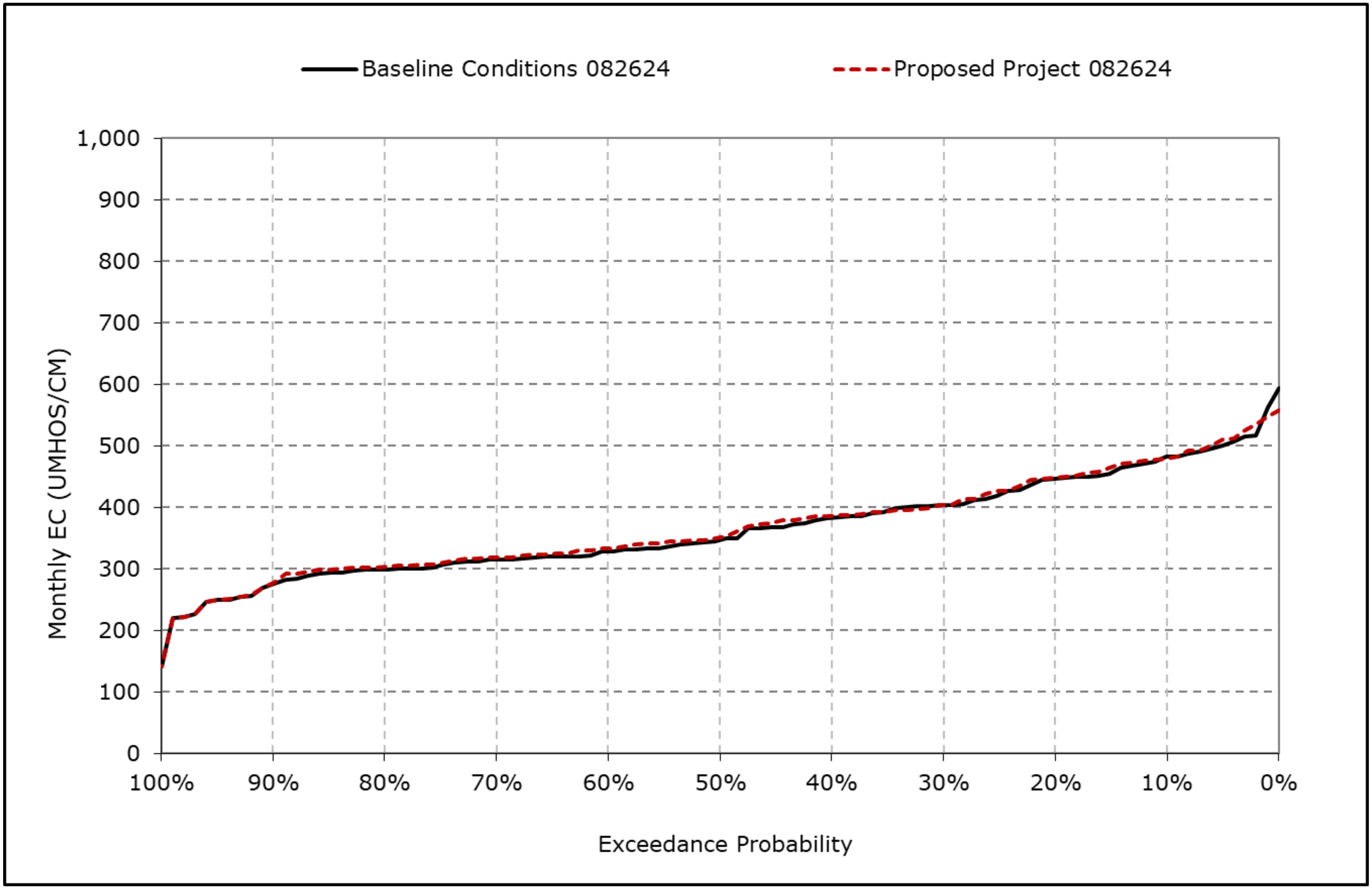
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17p. Jones Pumping Plant South Delta Exports Salinity, July EC



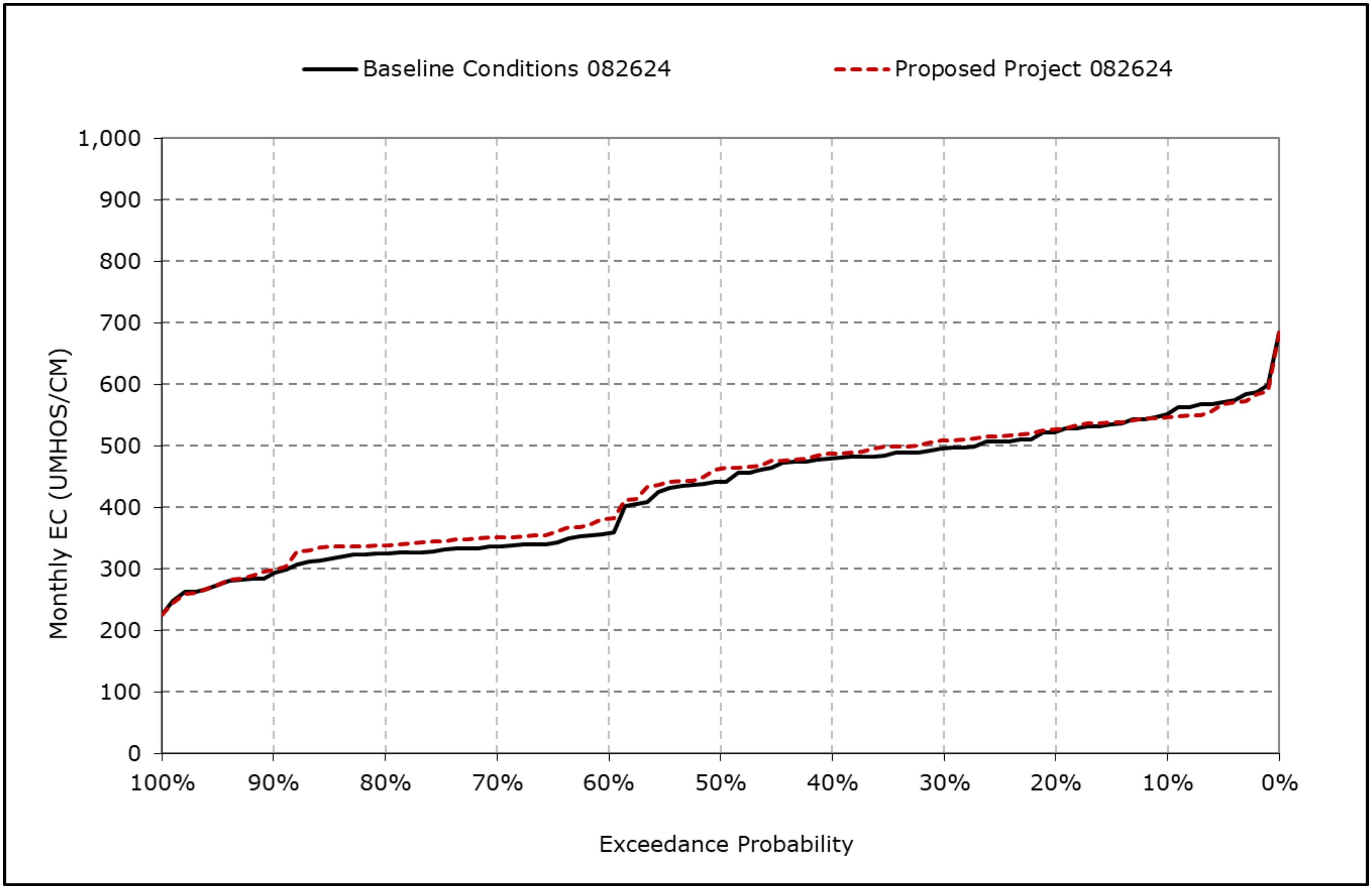
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-17q. Jones Pumping Plant South Delta Exports Salinity, August EC



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

Figure 4B-6-17r. Jones Pumping Plant South Delta Exports Salinity, September EC



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

Table 4B-6-18-1a. Old River at Highway 4, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	715	802	846	775	583	436	481	476	414	454	529	644
20% Exceedance	680	708	813	709	502	396	464	447	327	362	473	590
30% Exceedance	630	636	787	667	470	381	435	417	311	329	435	561
40% Exceedance	614	611	742	625	426	367	401	399	303	313	401	542
50% Exceedance	585	571	687	550	393	357	384	374	291	301	351	493
60% Exceedance	272	360	624	441	375	342	371	329	275	255	310	359
70% Exceedance	256	331	542	390	351	336	353	304	263	246	280	316
80% Exceedance	250	303	464	339	314	317	330	266	246	229	264	293
90% Exceedance	240	287	336	291	293	299	252	232	195	205	237	248
Full Simulation Period Average[a]	483	519	642	533	418	361	381	357	295	307	370	454
Wet Water Years (32%)	455	480	526	395	345	314	301	255	222	221	254	279
Above Normal Years (9%)	460	508	655	502	390	377	405	353	269	243	274	302
Below Normal Years (20%)	456	489	664	567	415	364	391	372	292	300	396	583
Dry Water Years (21%)	462	500	681	592	451	358	423	429	309	345	461	538
Critical Water Years (18%)	598	648	772	686	527	439	450	438	423	452	488	599

Table 4B-6-18-1b. Old River at Highway 4, Proposed Project 082624, Monthly EC (UMHOS/CM)

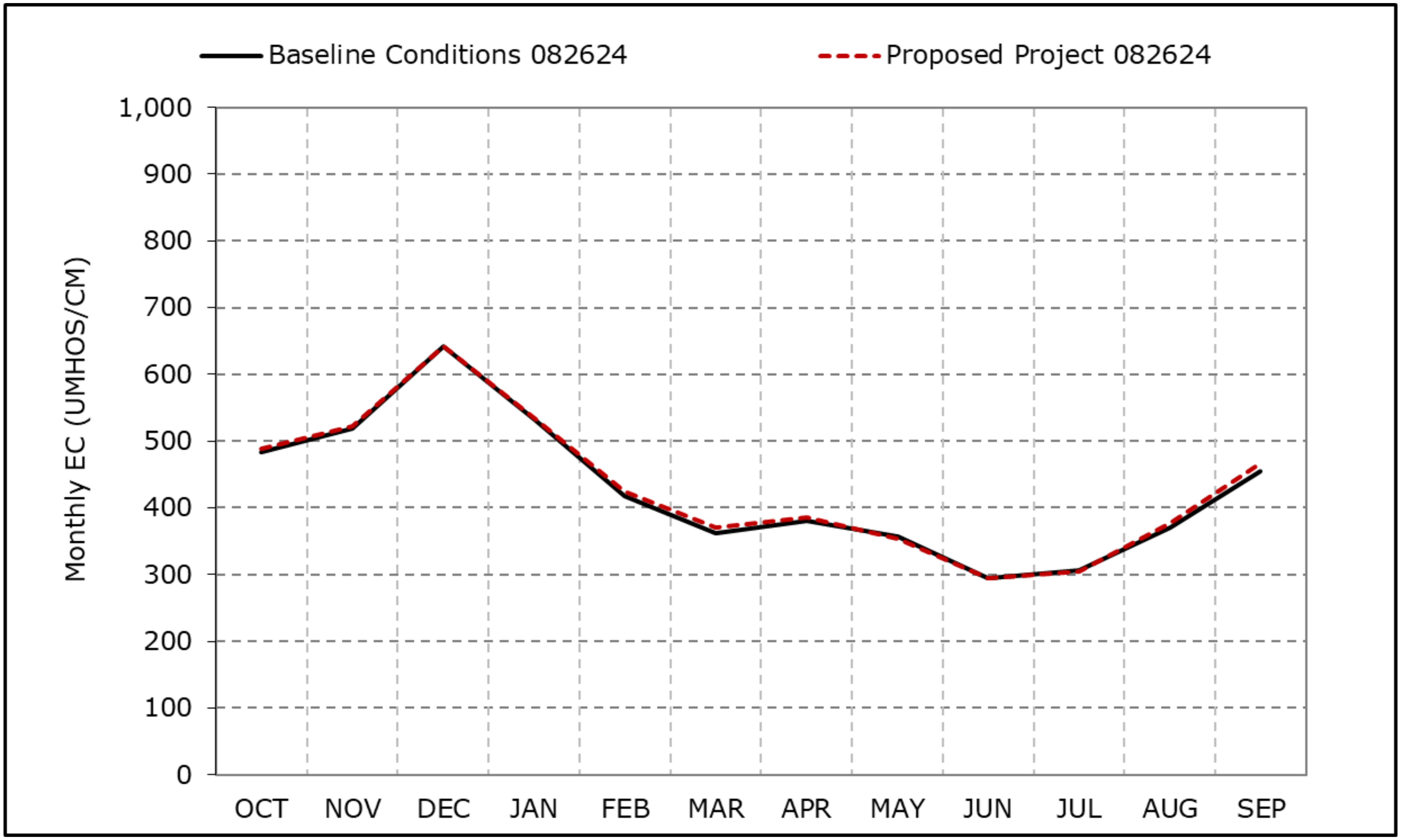
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	724	809	855	768	587	443	487	468	410	456	533	624
20% Exceedance	671	706	811	699	522	411	473	443	318	360	476	608
30% Exceedance	647	641	788	670	479	394	448	419	312	323	433	578
40% Exceedance	618	613	734	638	438	384	422	396	306	310	408	551
50% Exceedance	587	576	691	536	402	366	395	377	288	293	364	529
60% Exceedance	282	358	615	446	381	356	382	342	277	255	324	388
70% Exceedance	266	326	539	393	359	342	348	292	263	246	295	337
80% Exceedance	253	309	468	343	321	320	313	254	249	230	273	317
90% Exceedance	245	290	341	294	296	297	259	226	196	205	247	275
Full Simulation Period Average[a]	488	522	643	534	425	371	386	354	295	305	377	466
Wet Water Years (32%)	461	487	525	396	348	316	290	238	223	221	262	297
Above Normal Years (9%)	468	505	660	513	401	392	415	322	270	244	292	325
Below Normal Years (20%)	462	491	667	569	426	385	419	402	290	295	397	575
Dry Water Years (21%)	462	500	681	583	458	371	438	427	309	343	477	566
Critical Water Years (18%)	607	654	770	694	534	442	447	437	425	453	487	599

Table 4B-6-18-1c. Old River at Highway 4, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9	7	10	-7	4	7	6	-7	-4	3	4	-19
20% Exceedance	-8	-2	-3	-10	21	15	9	-4	-9	-2	3	17
30% Exceedance	17	4	1	4	8	13	14	3	1	-6	-2	17
40% Exceedance	4	2	-8	13	13	17	21	-3	3	-3	6	9
50% Exceedance	2	5	4	-14	9	9	11	3	-3	-8	14	36
60% Exceedance	11	-2	-9	5	6	13	11	13	2	0	14	28
70% Exceedance	10	-5	-3	3	9	7	-5	-12	0	0	15	20
80% Exceedance	2	6	4	4	7	2	-17	-13	3	1	9	24
90% Exceedance	4	2	5	4	3	-3	7	-6	1	0	10	27
Full Simulation Period Average[a]	5	3	1	1	7	10	5	-3	0	-1	7	12
Wet Water Years (32%)	6	7	-1	1	3	2	-11	-17	1	0	7	18
Above Normal Years (9%)	7	-3	4	11	11	14	10	-31	1	1	17	22
Below Normal Years (20%)	6	2	3	2	10	21	27	31	-2	-5	2	-8
Dry Water Years (21%)	0	0	1	-9	8	13	15	-2	0	-2	16	29
Critical Water Years (18%)	9	6	-2	8	7	3	-3	-1	1	1	-1	0

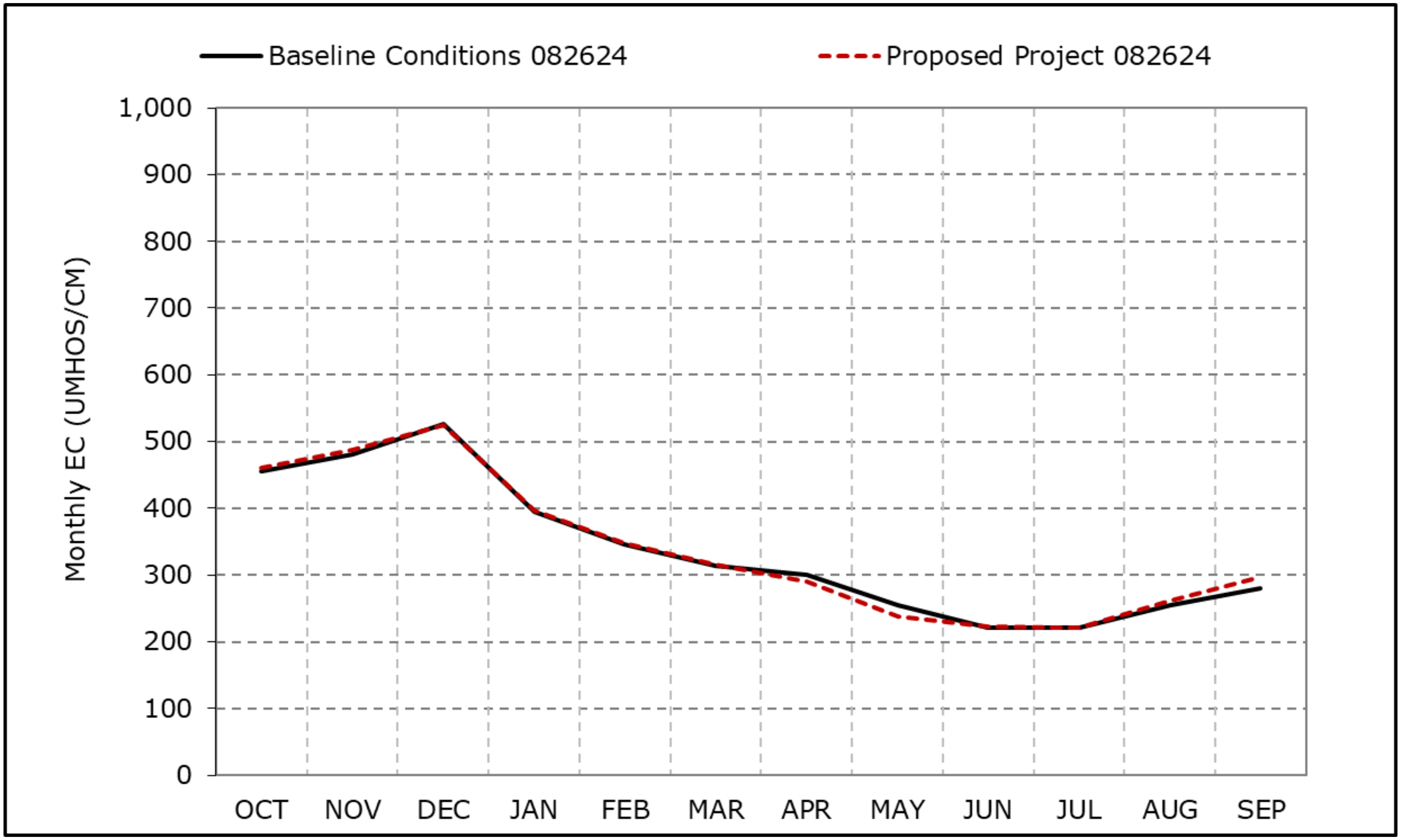
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-18a. Old River at Highway 4, Long-Term Average EC



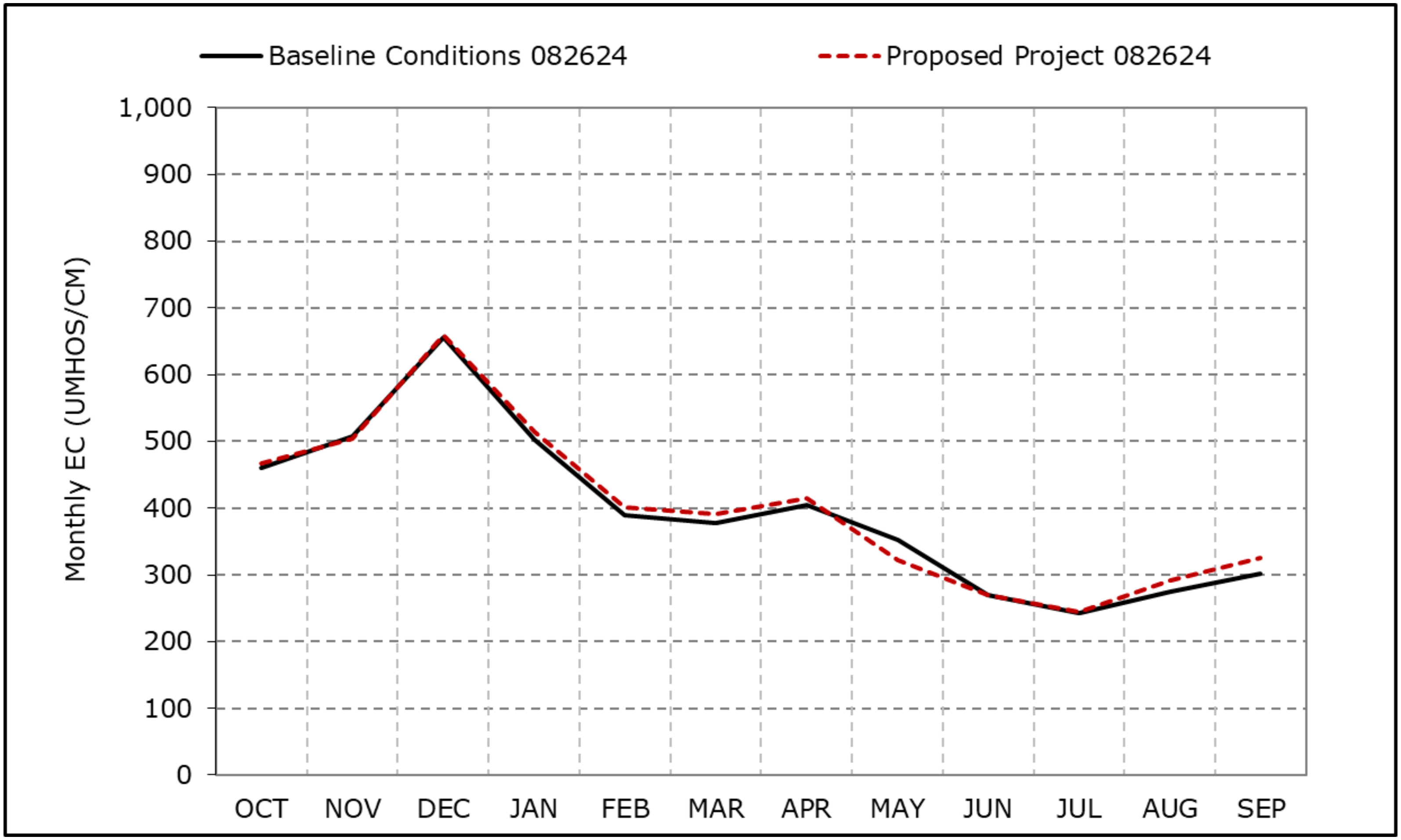
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18b. Old River at Highway 4, Wet Year Average EC



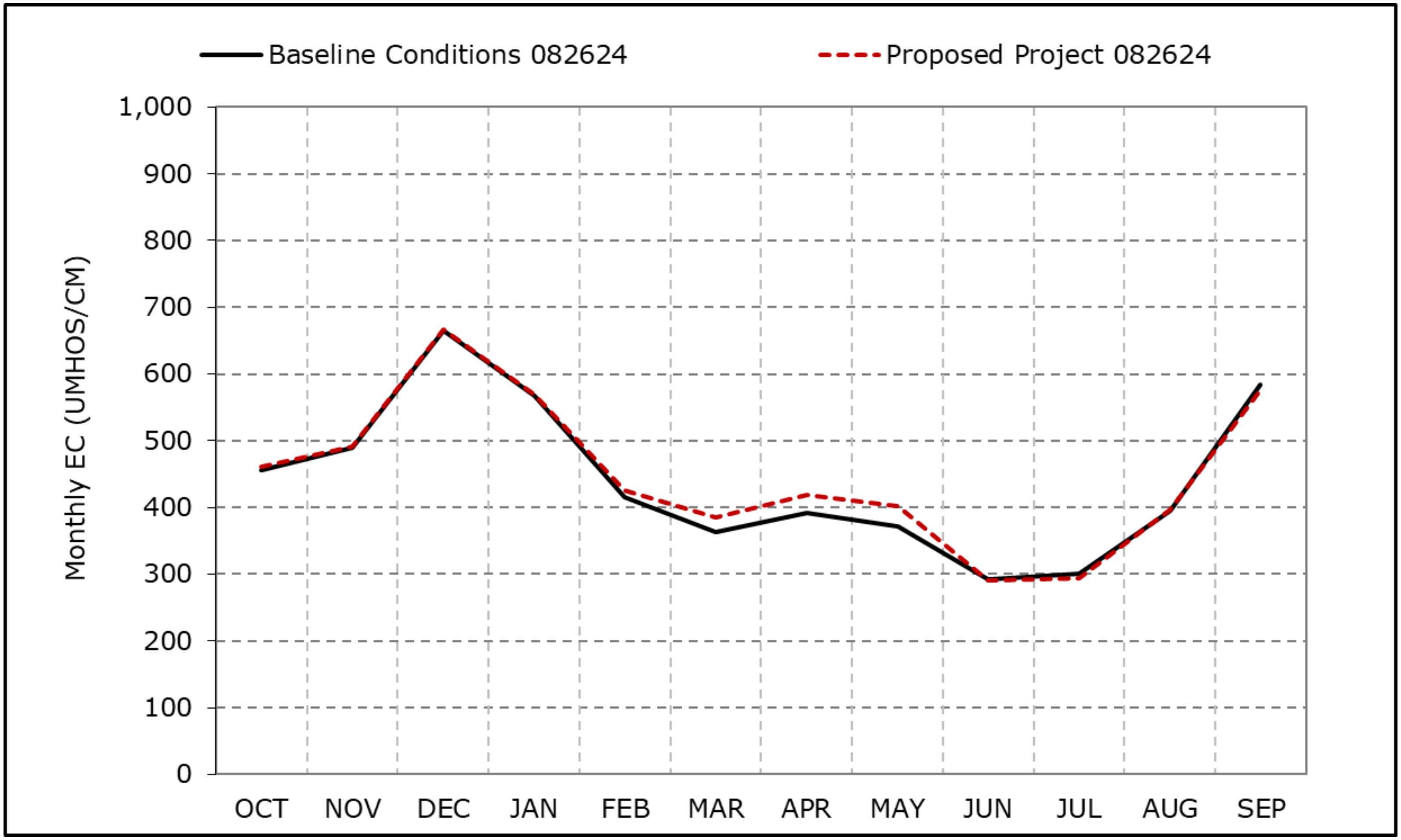
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18c. Old River at Highway 4, Above Normal Year Average EC



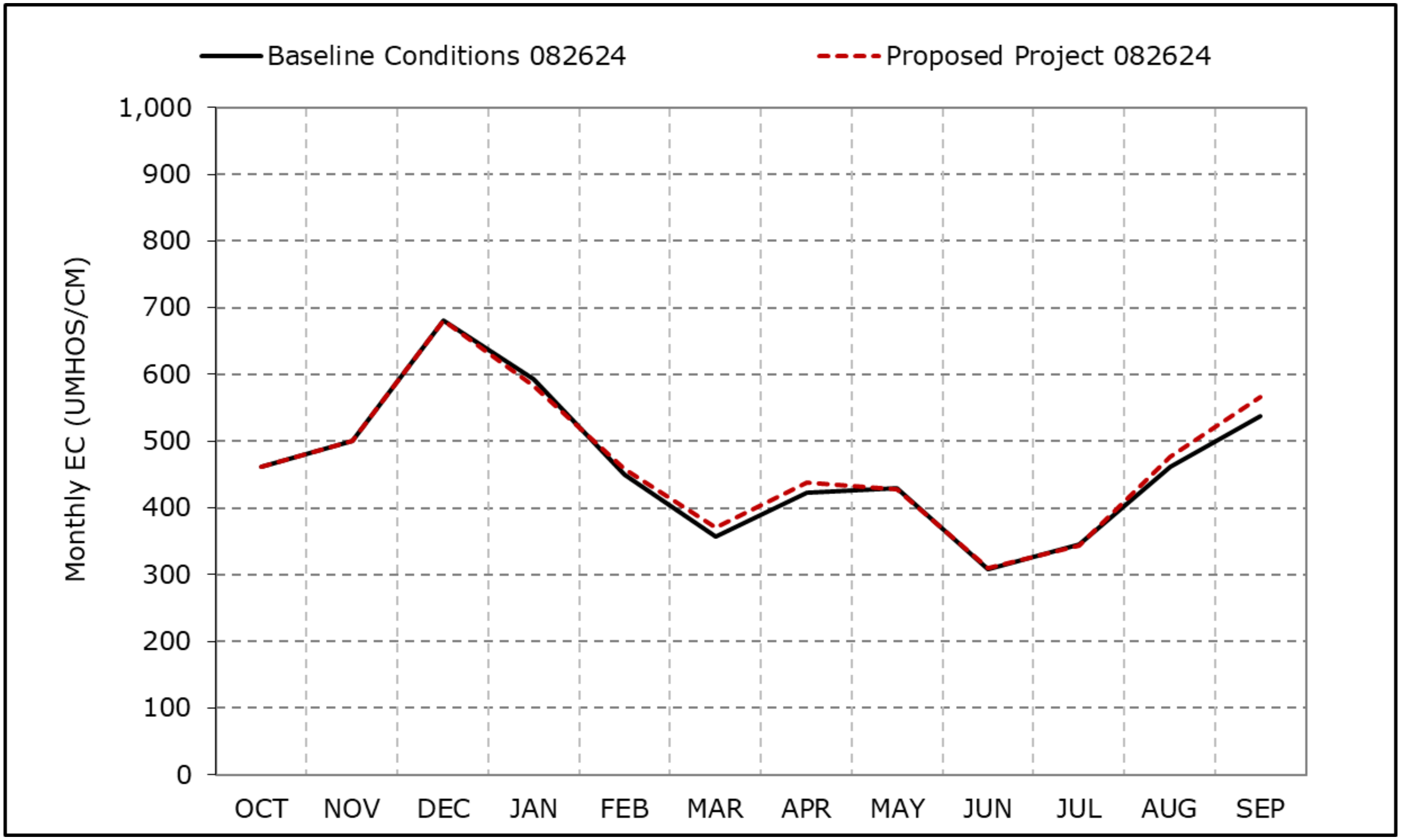
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18d. Old River at Highway 4, Below Normal Year Average EC



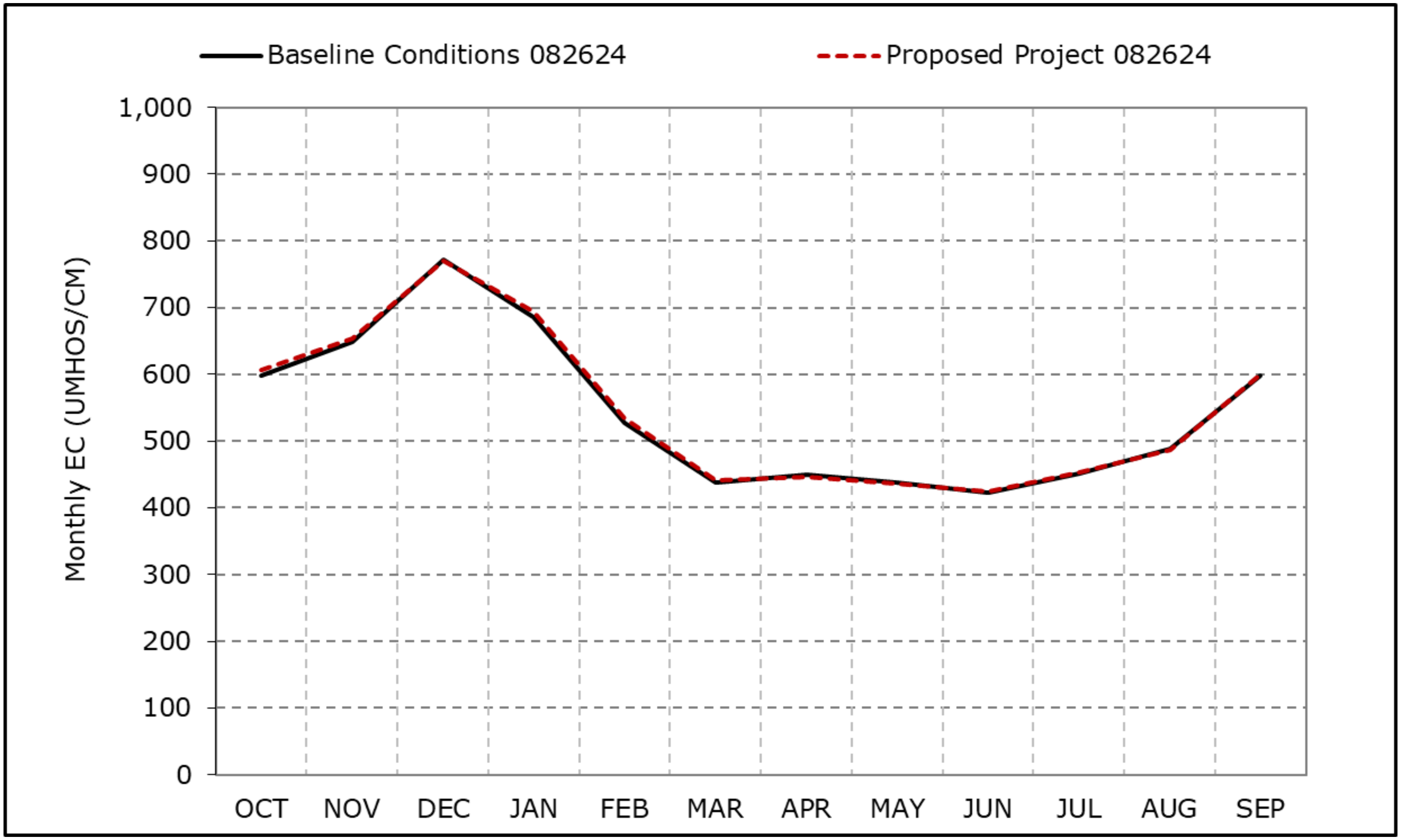
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18e. Old River at Highway 4, Dry Year Average EC



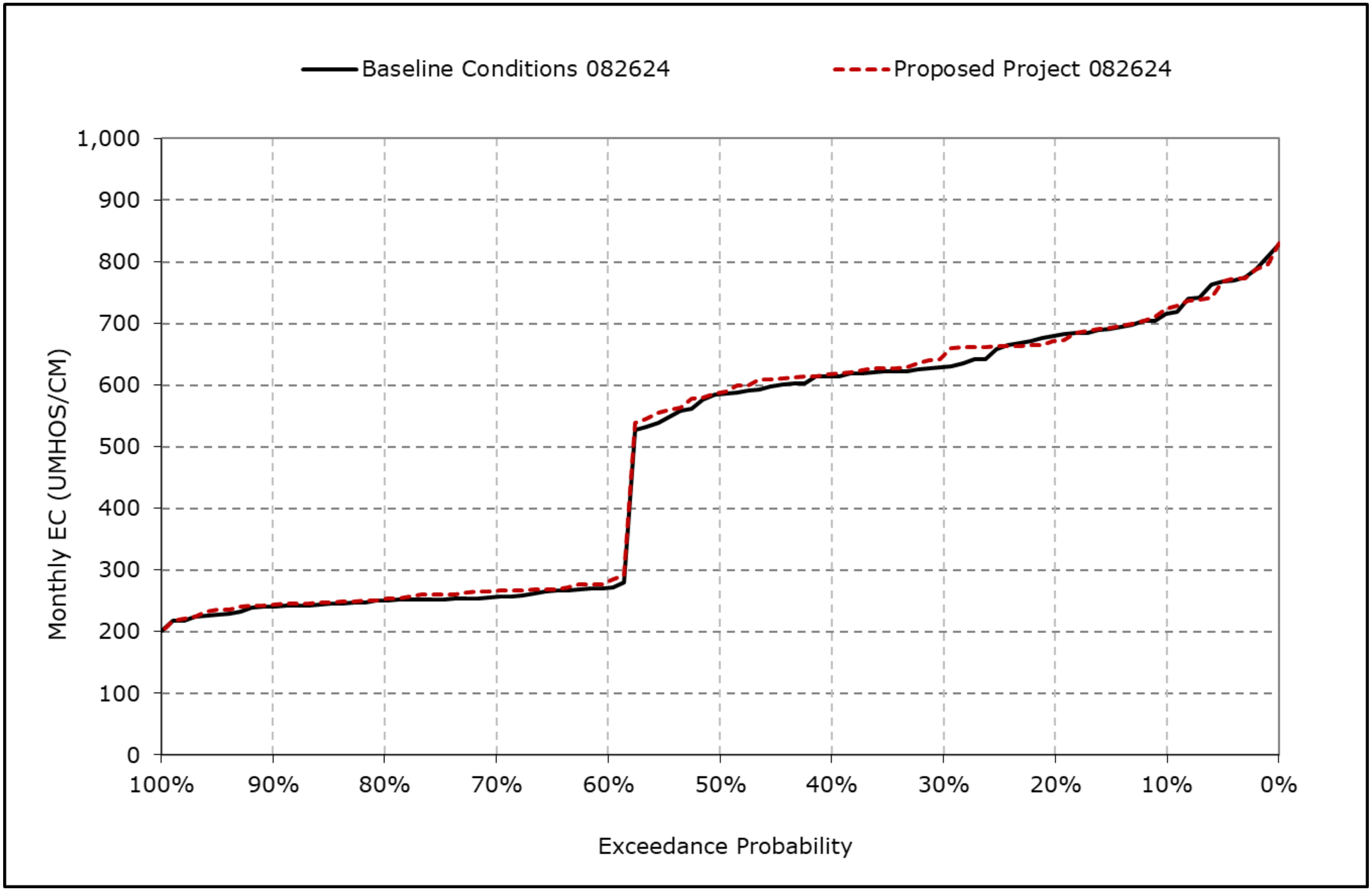
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18f. Old River at Highway 4, Critical Year Average EC



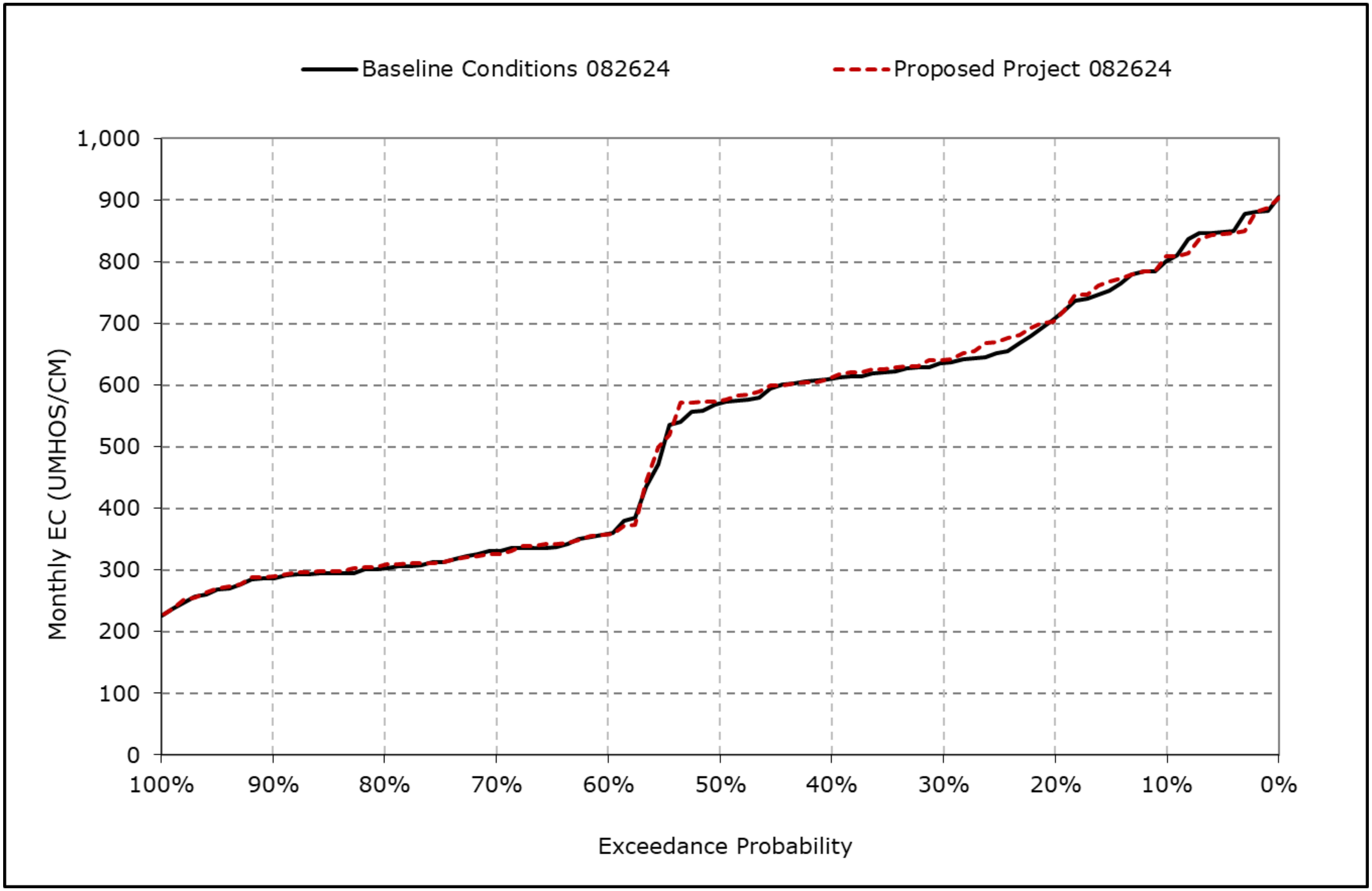
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18g. Old River at Highway 4, October EC



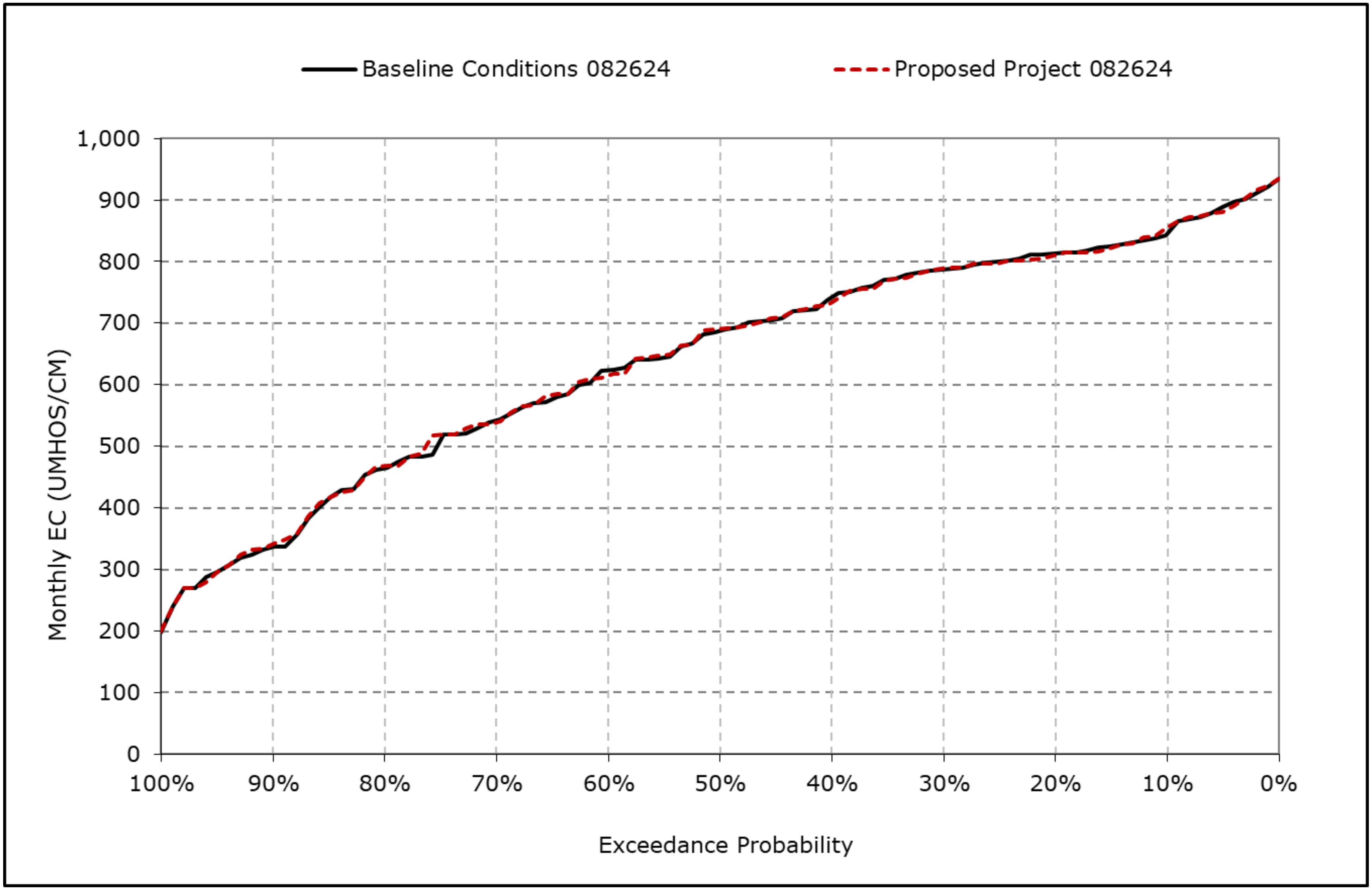
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18h. Old River at Highway 4, November EC



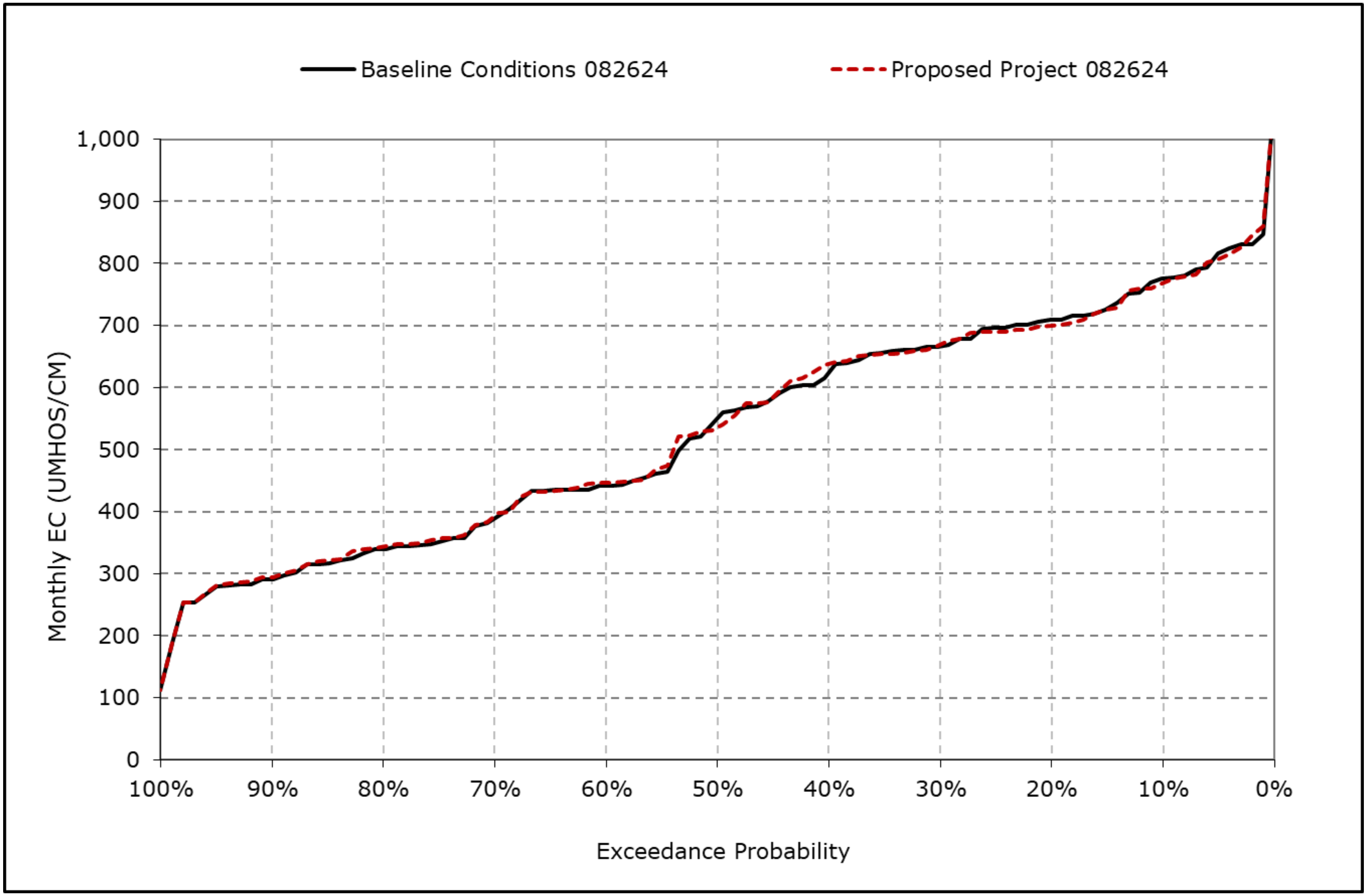
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18i. Old River at Highway 4, December EC



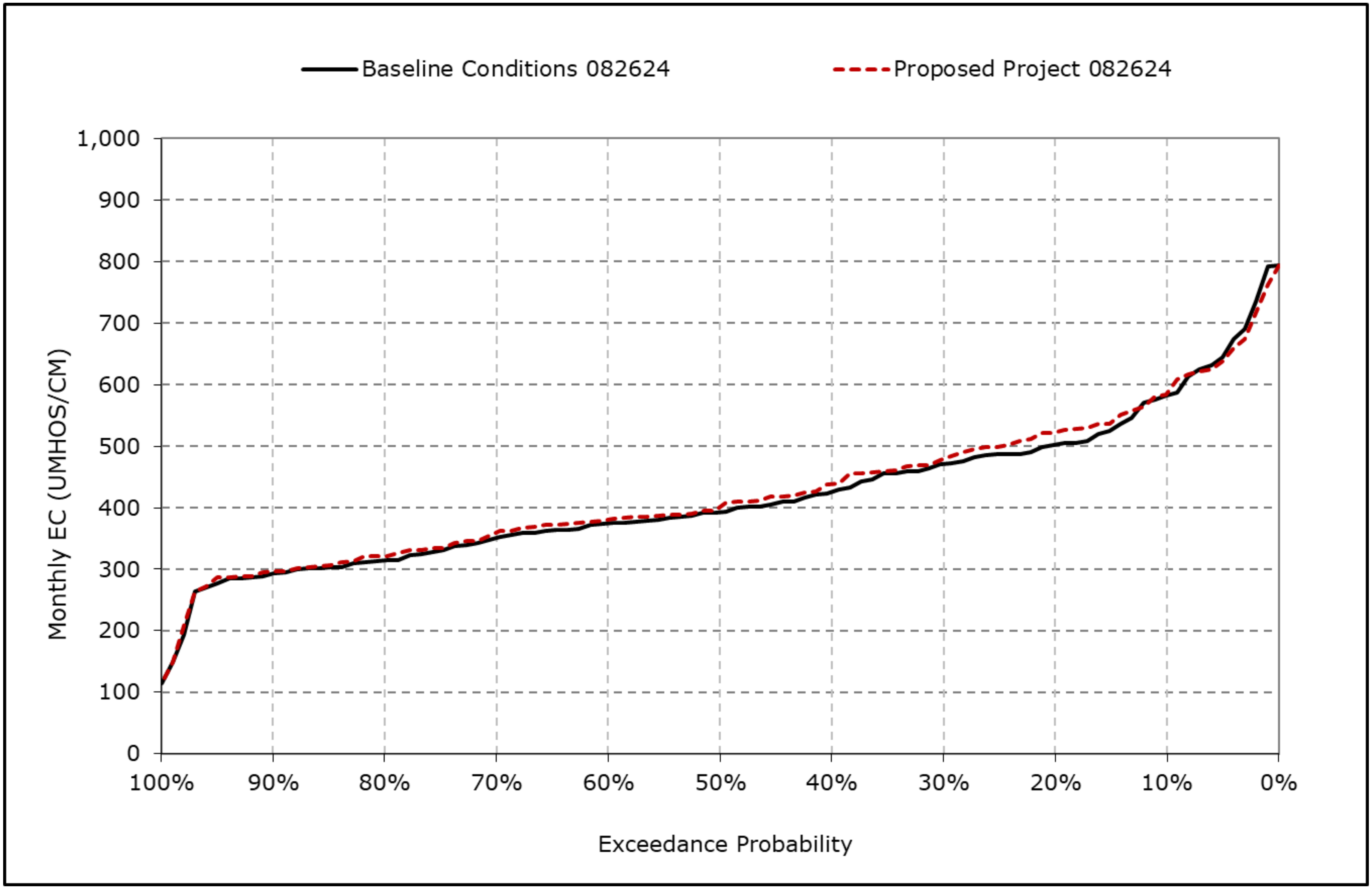
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18j. Old River at Highway 4, January EC



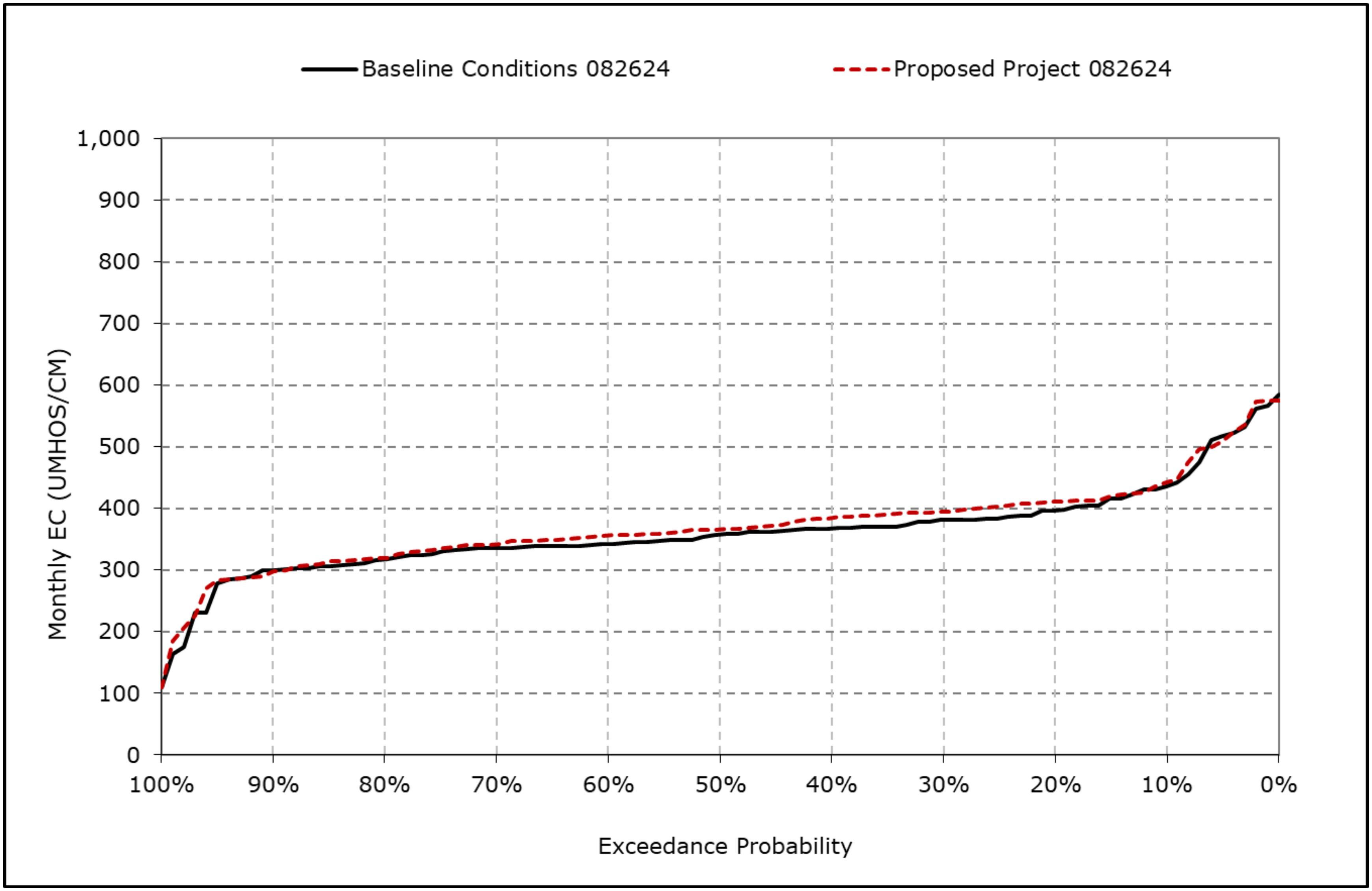
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18k. Old River at Highway 4, February EC



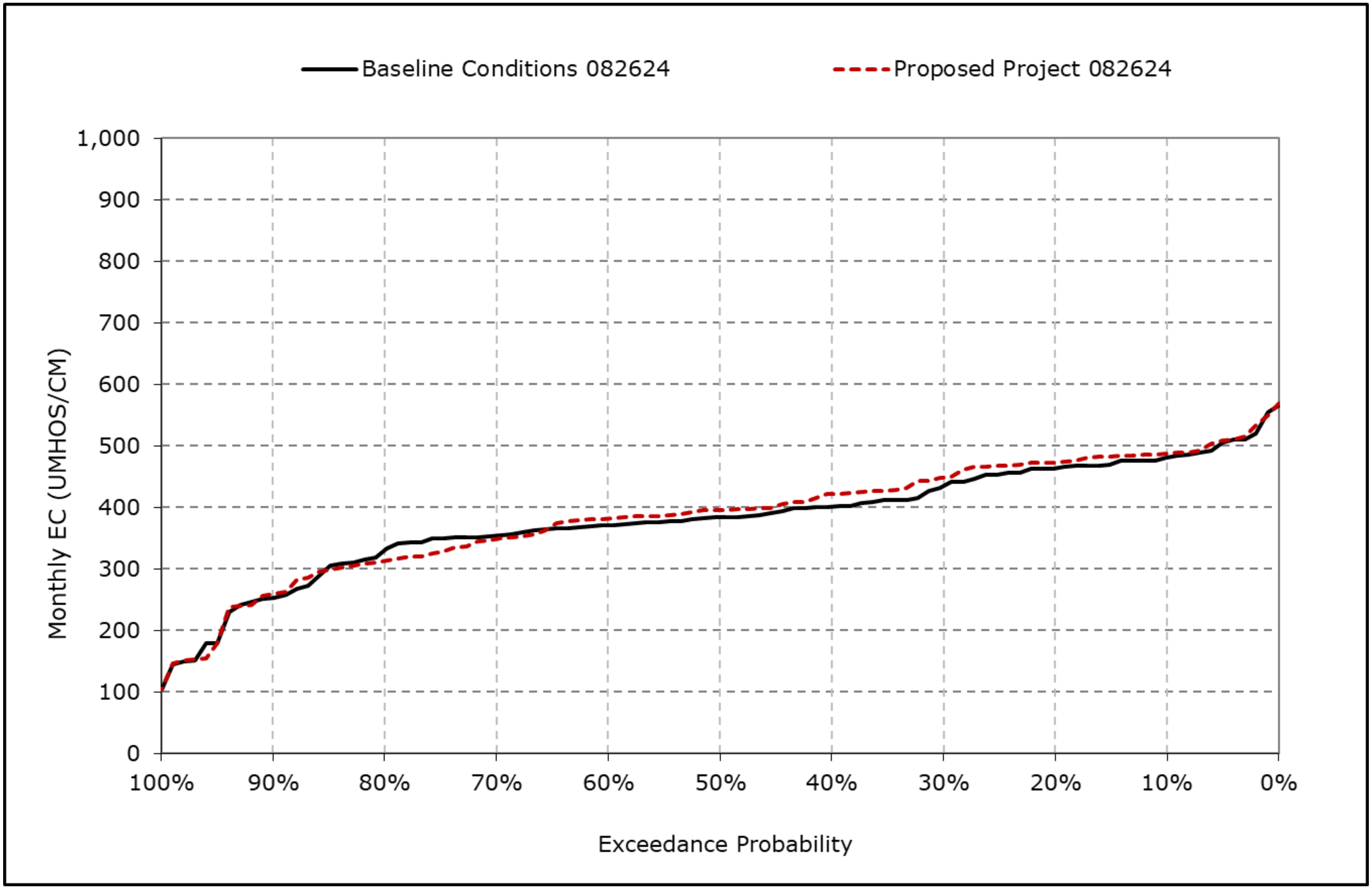
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18l. Old River at Highway 4, March EC



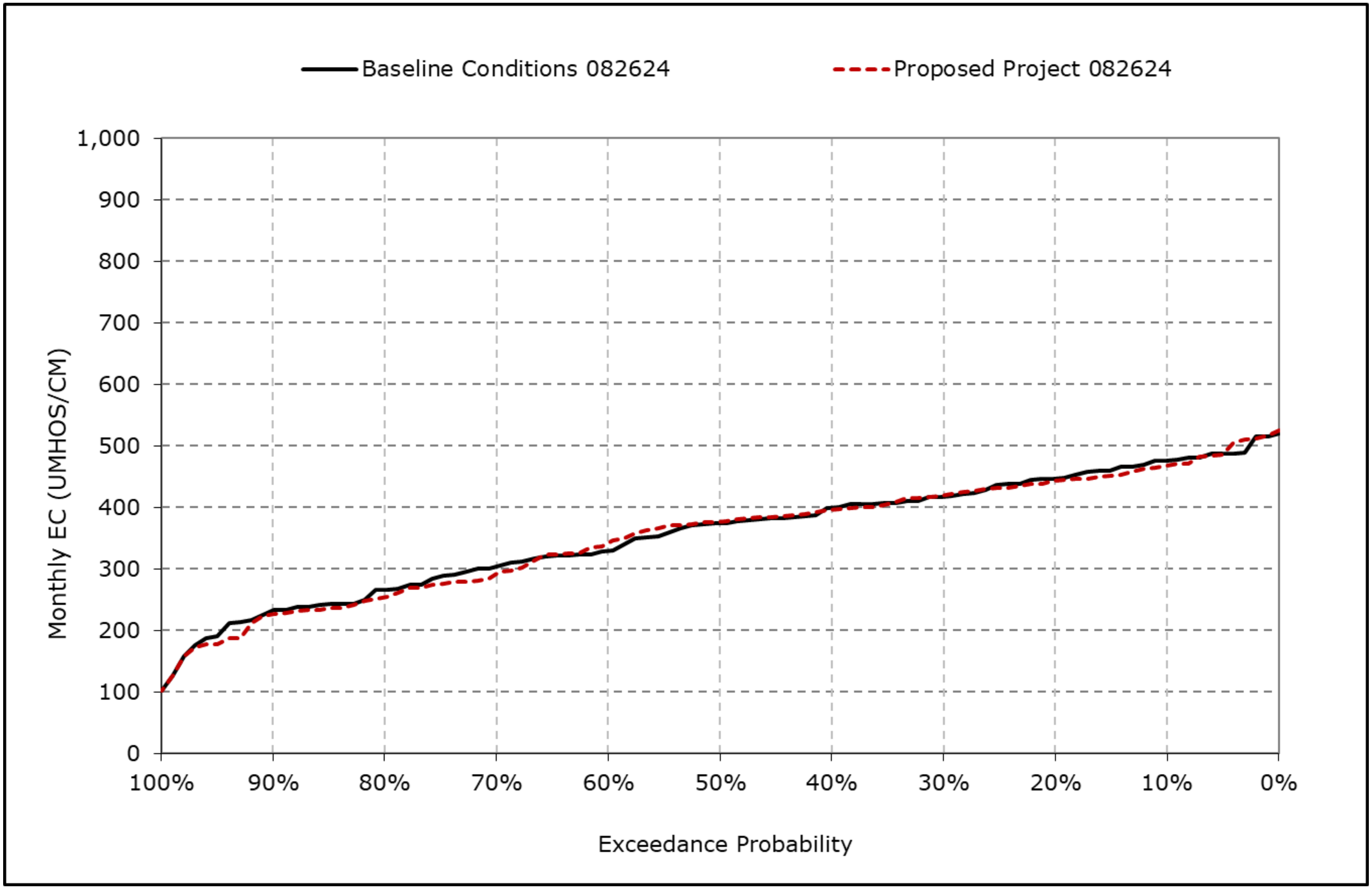
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18m. Old River at Highway 4, April EC



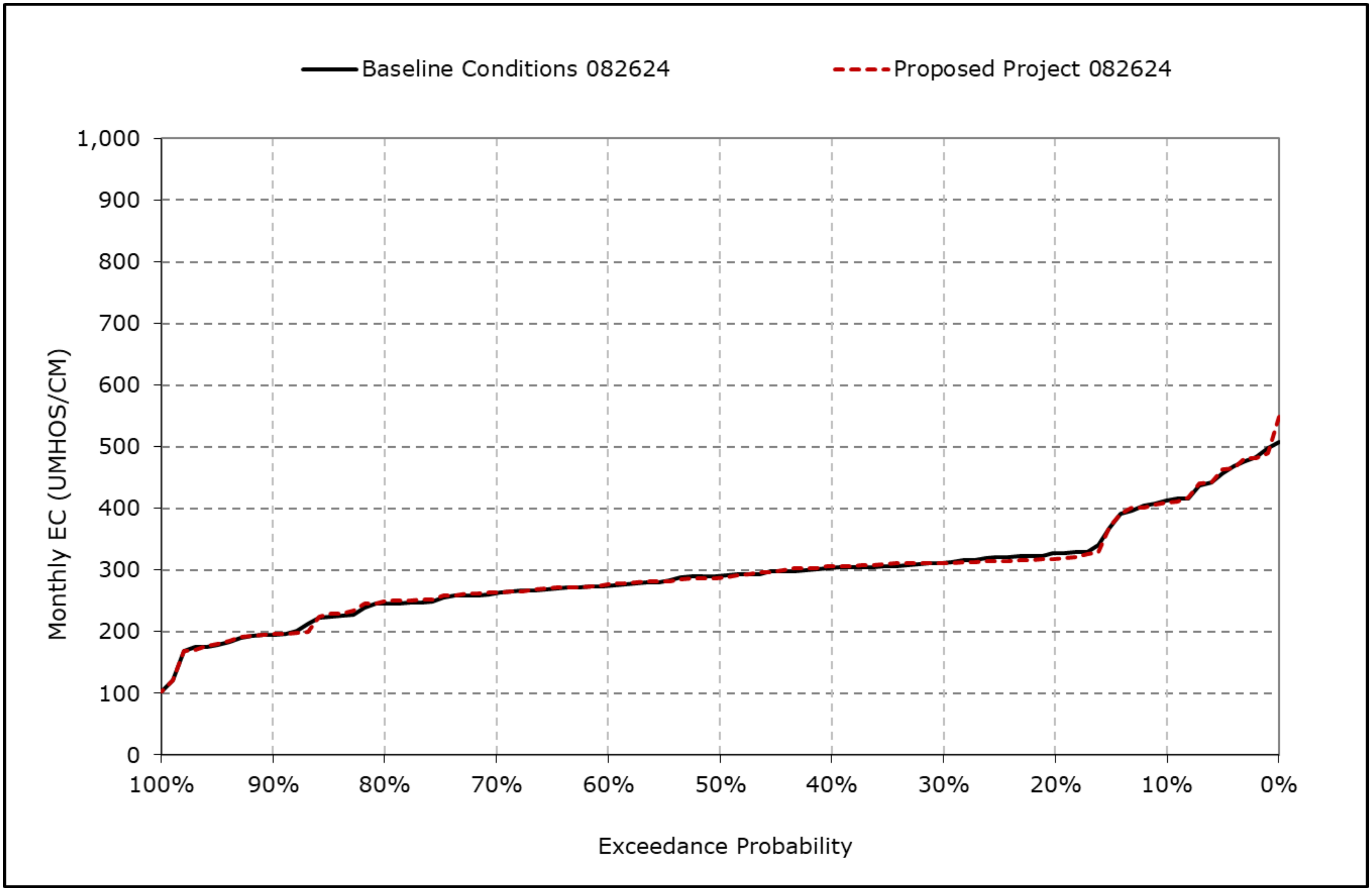
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18n. Old River at Highway 4, May EC



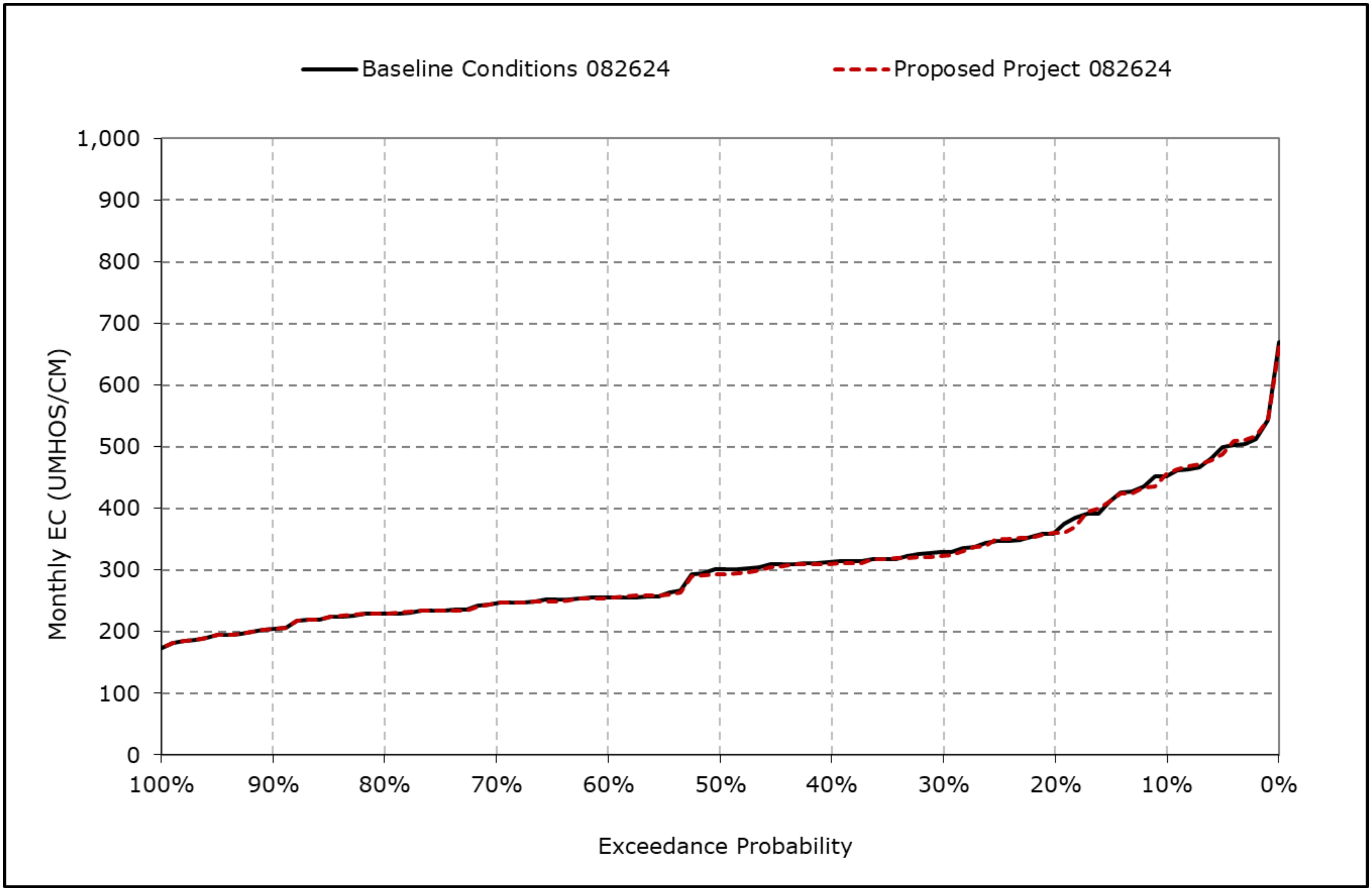
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18o. Old River at Highway 4, June EC



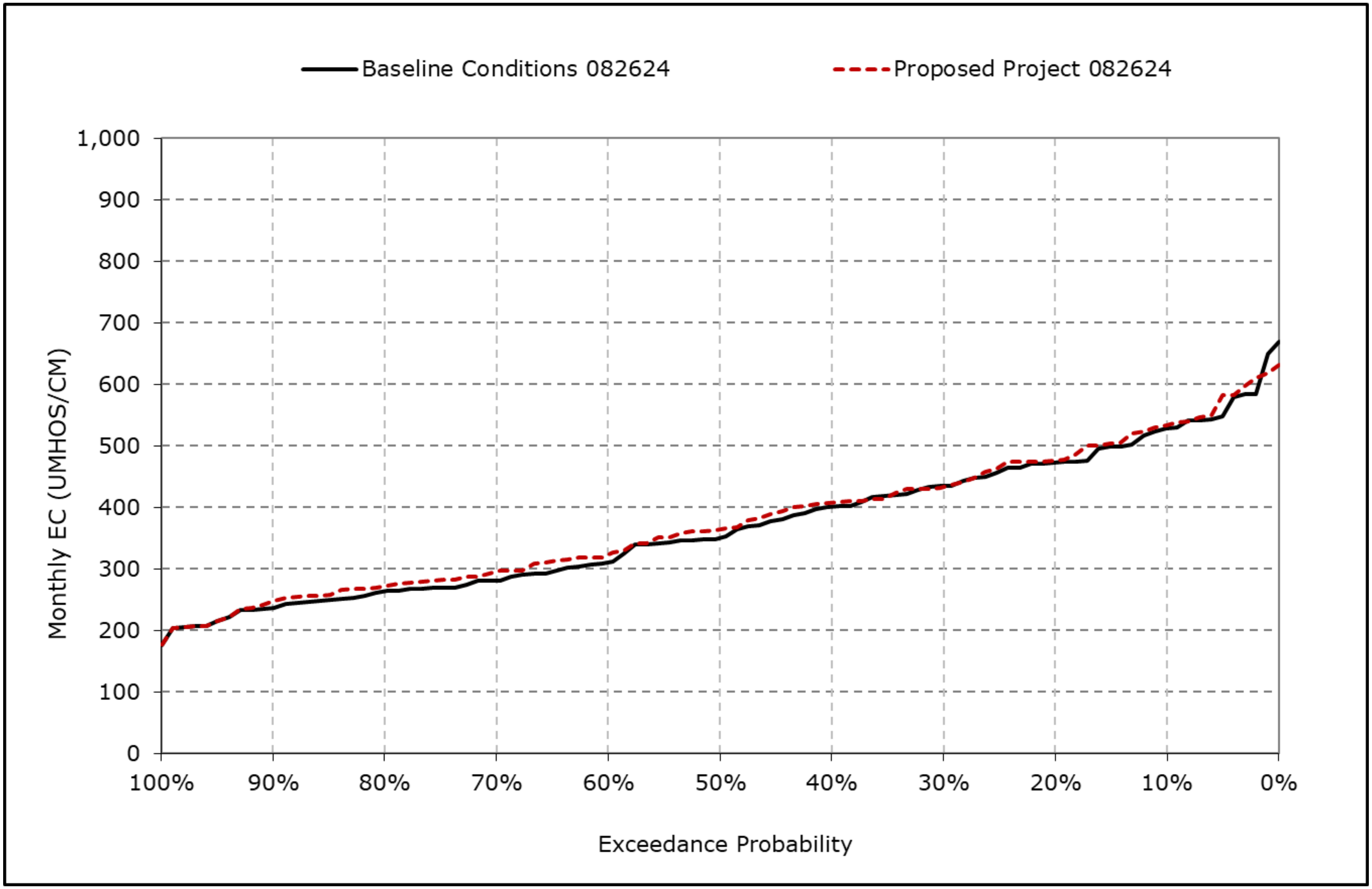
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18p. Old River at Highway 4, July EC



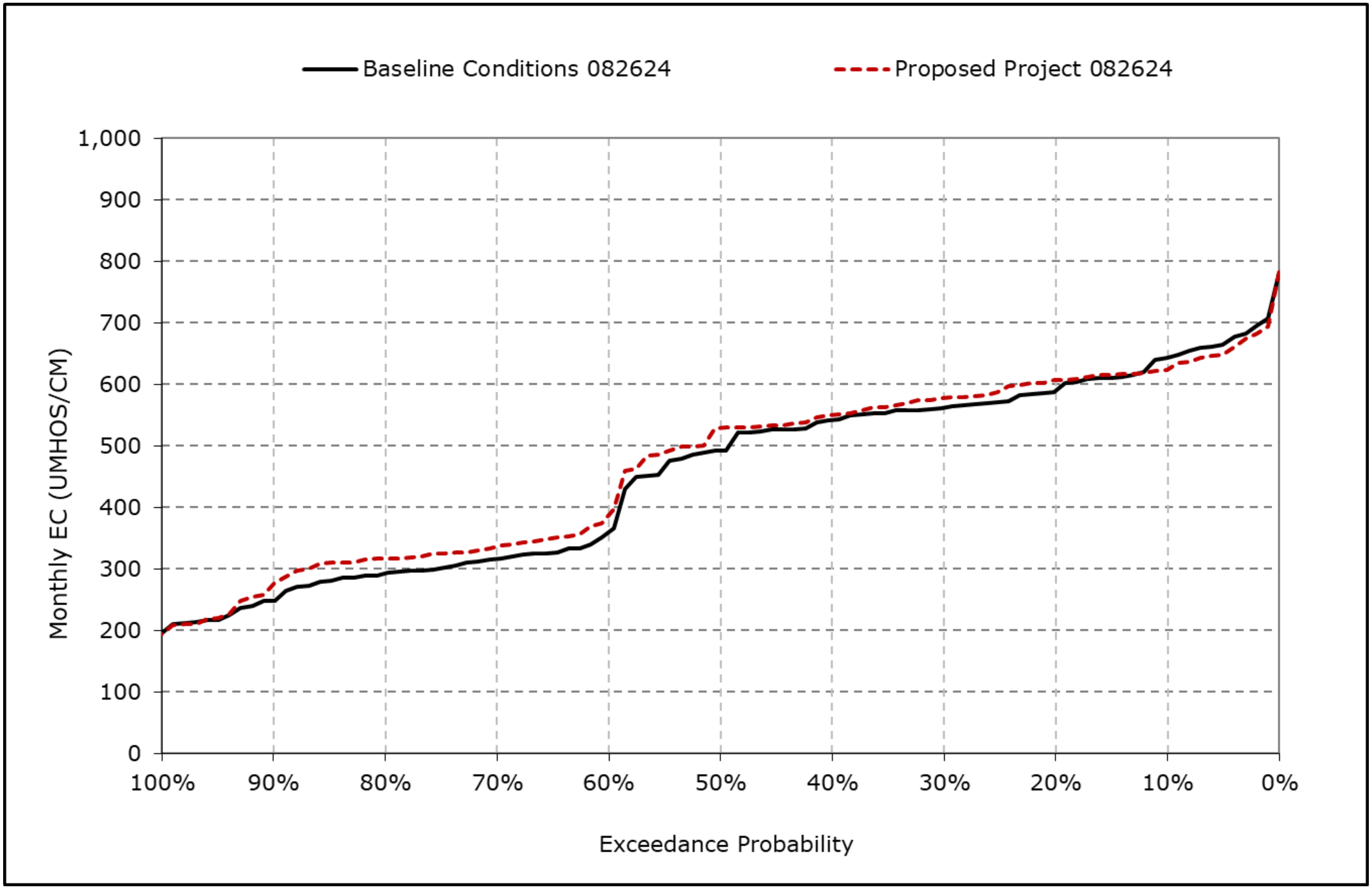
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-18q. Old River at Highway 4, August EC



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

Figure 4B-6-18r. Old River at Highway 4, September EC



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

Table 4B-6-19-1a. Victoria Canal, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	505	610	631	655	599	539	538	515	405	386	396	427
20% Exceedance	456	494	591	625	557	491	517	466	350	293	357	395
30% Exceedance	435	456	568	598	530	462	492	450	341	281	320	376
40% Exceedance	425	427	547	572	500	452	461	419	328	270	297	354
50% Exceedance	395	405	523	531	480	438	438	408	321	264	281	340
60% Exceedance	314	331	490	475	459	428	417	363	305	258	264	288
70% Exceedance	292	298	445	441	413	400	367	319	297	251	250	267
80% Exceedance	284	291	422	398	385	381	311	272	268	245	245	262
90% Exceedance	272	283	360	356	348	338	242	204	172	214	236	251
Full Simulation Period Average[a]	383	409	508	514	476	434	416	374	307	277	296	333
Wet Water Years (32%)	361	381	457	454	407	366	309	256	230	230	240	259
Above Normal Years (9%)	385	420	530	535	513	493	469	381	300	254	242	266
Below Normal Years (20%)	371	390	501	521	497	463	433	394	317	262	283	359
Dry Water Years (21%)	373	390	509	523	490	438	482	467	335	281	335	366
Critical Water Years (18%)	445	499	593	594	540	491	484	451	404	382	391	433

Table 4B-6-19-1b. Victoria Canal, Proposed Project 082624, Monthly EC (UMHOS/CM)

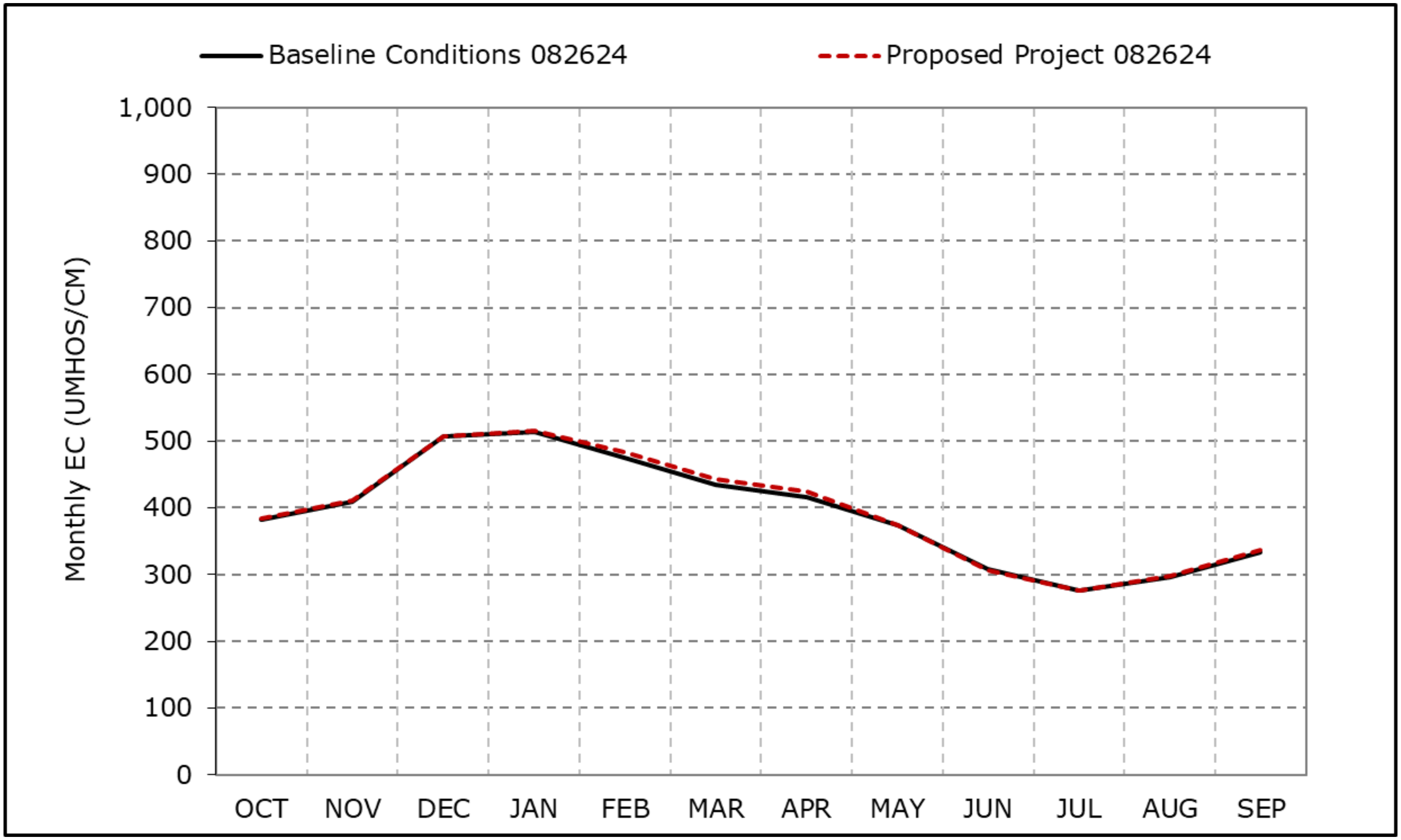
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	499	605	630	653	603	549	555	494	403	388	397	421
20% Exceedance	458	499	590	622	559	509	519	463	346	293	358	401
30% Exceedance	439	456	566	597	541	483	506	448	337	281	325	381
40% Exceedance	425	428	552	578	513	466	484	426	331	269	295	370
50% Exceedance	408	409	523	526	494	456	449	408	323	264	282	343
60% Exceedance	311	330	490	481	461	441	428	374	304	257	264	292
70% Exceedance	293	299	449	442	421	404	361	323	297	251	251	274
80% Exceedance	284	290	421	406	390	381	323	277	273	246	246	267
90% Exceedance	275	285	365	357	350	333	240	207	173	214	237	255
Full Simulation Period Average[a]	384	410	508	516	484	443	425	373	307	277	297	337
Wet Water Years (32%)	362	384	456	456	410	363	304	246	232	230	241	261
Above Normal Years (9%)	387	420	531	544	524	506	470	360	301	254	247	272
Below Normal Years (20%)	373	391	502	525	509	483	471	423	314	262	283	357
Dry Water Years (21%)	370	386	510	517	499	455	498	459	337	280	339	379
Critical Water Years (18%)	449	502	591	598	551	498	483	452	402	382	389	434

Table 4B-6-19-1c. Victoria Canal, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-5	-5	0	-2	4	10	17	-21	-2	2	0	-6
20% Exceedance	2	5	-2	-3	2	17	2	-3	-3	0	1	6
30% Exceedance	5	0	-3	-1	12	21	14	-2	-4	-1	5	5
40% Exceedance	0	1	6	6	13	14	23	7	3	-1	-3	16
50% Exceedance	13	3	0	-5	15	18	12	1	2	0	1	4
60% Exceedance	-2	-1	1	6	2	13	11	11	0	-1	0	4
70% Exceedance	0	1	4	2	8	4	-6	4	0	0	1	7
80% Exceedance	0	-1	0	8	6	0	12	5	5	1	2	5
90% Exceedance	2	1	6	1	2	-5	-2	3	1	0	1	4
Full Simulation Period Average[a]	1	1	0	2	8	9	9	-1	0	0	1	4
Wet Water Years (32%)	1	4	-1	2	3	-3	-5	-11	1	0	1	2
Above Normal Years (9%)	2	0	1	9	12	13	1	-21	0	0	4	7
Below Normal Years (20%)	2	1	2	4	12	20	38	29	-3	0	0	-2
Dry Water Years (21%)	-3	-4	1	-6	10	17	16	-8	2	0	4	13
Critical Water Years (18%)	3	3	-2	4	11	7	-1	0	-3	0	-1	1

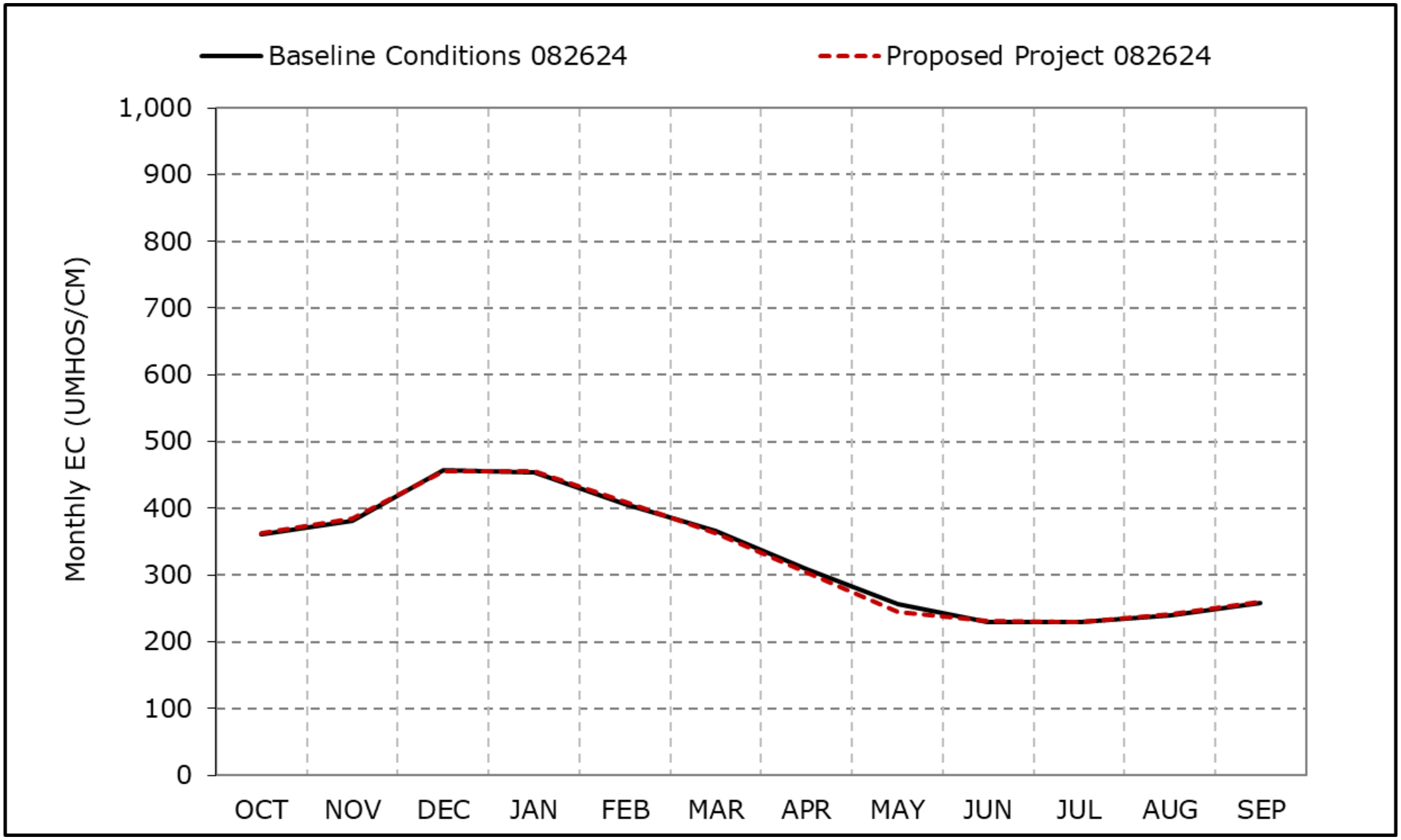
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-19a. Victoria Canal, Long-Term Average EC



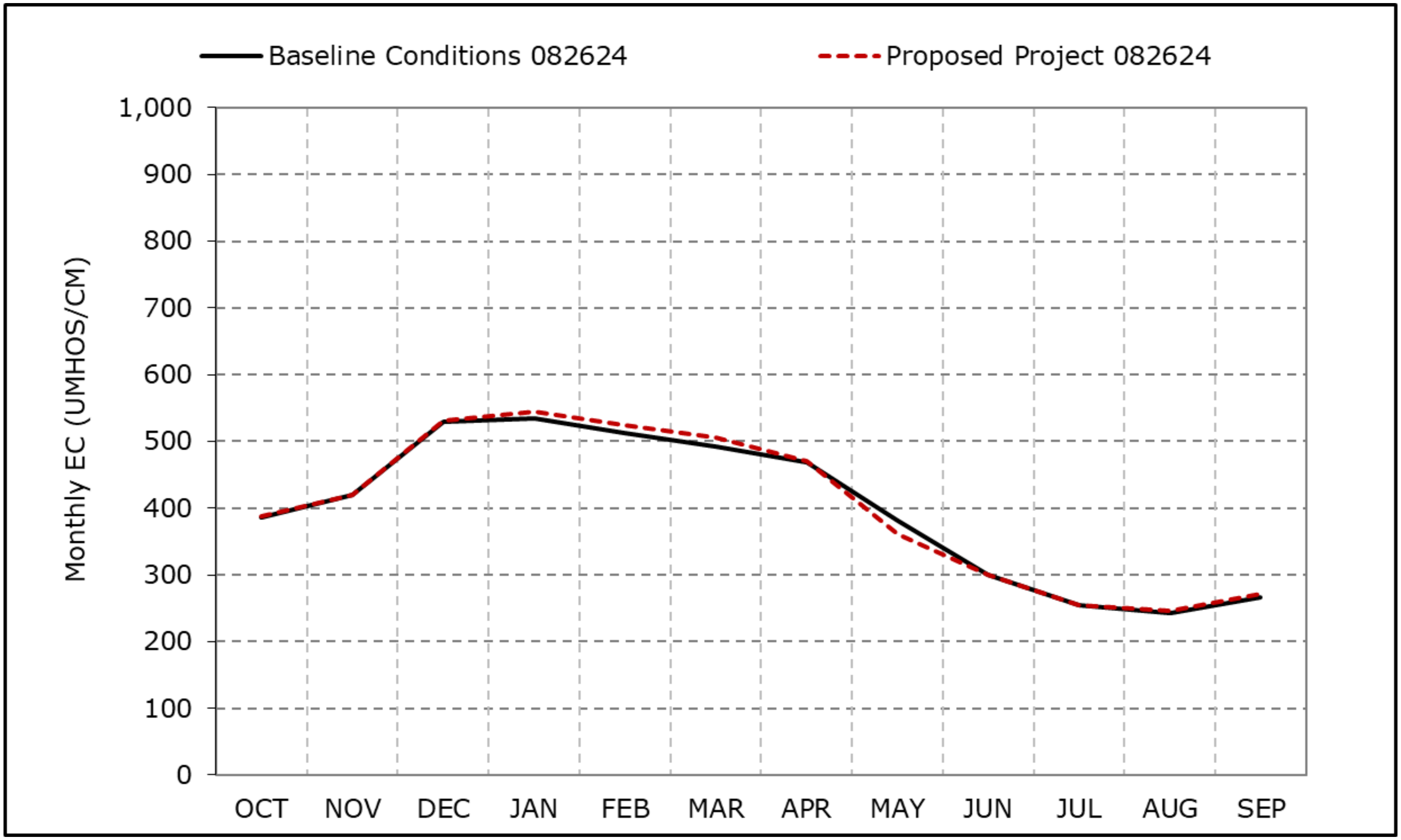
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19b. Victoria Canal, Wet Year Average EC



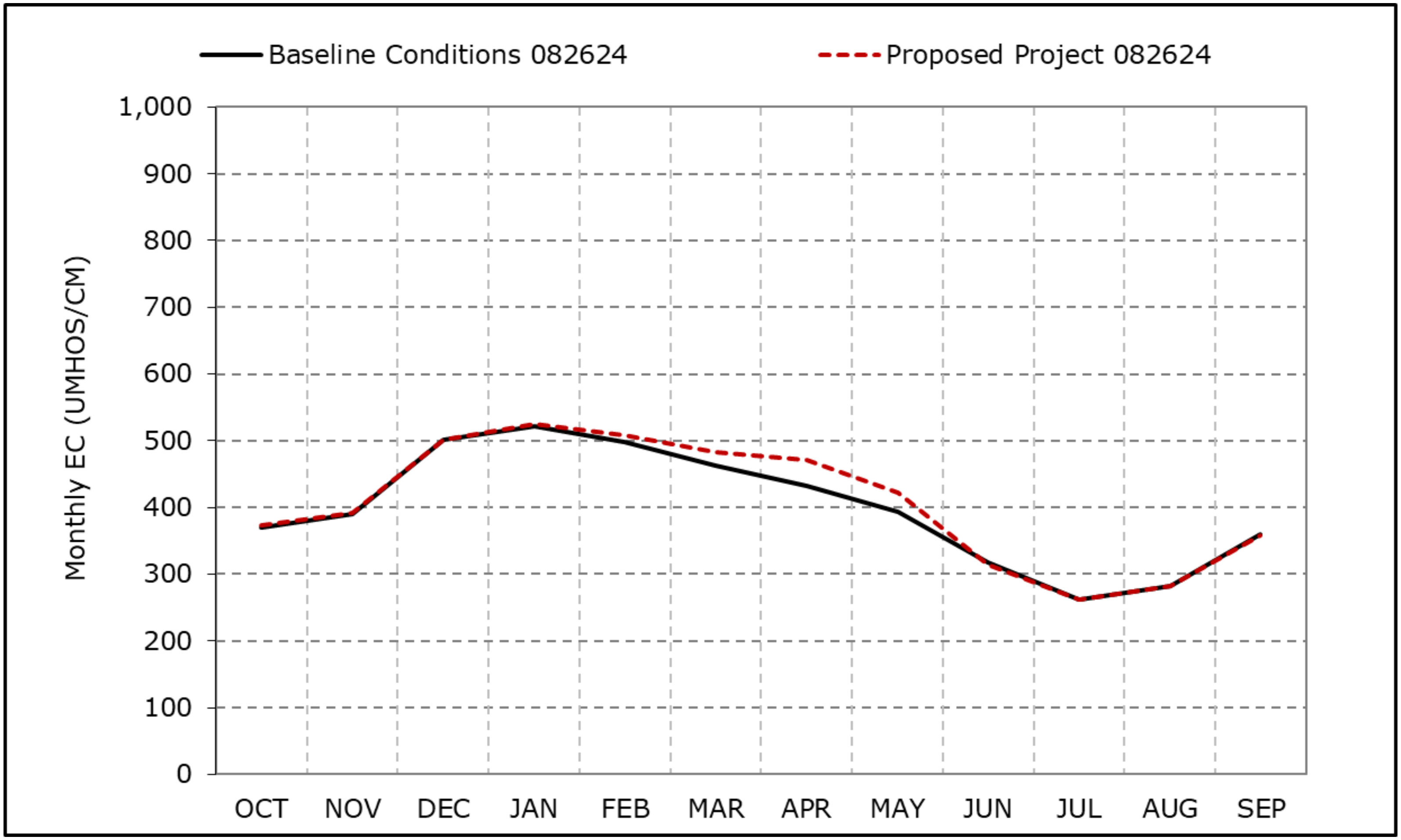
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19c. Victoria Canal, Above Normal Year Average EC



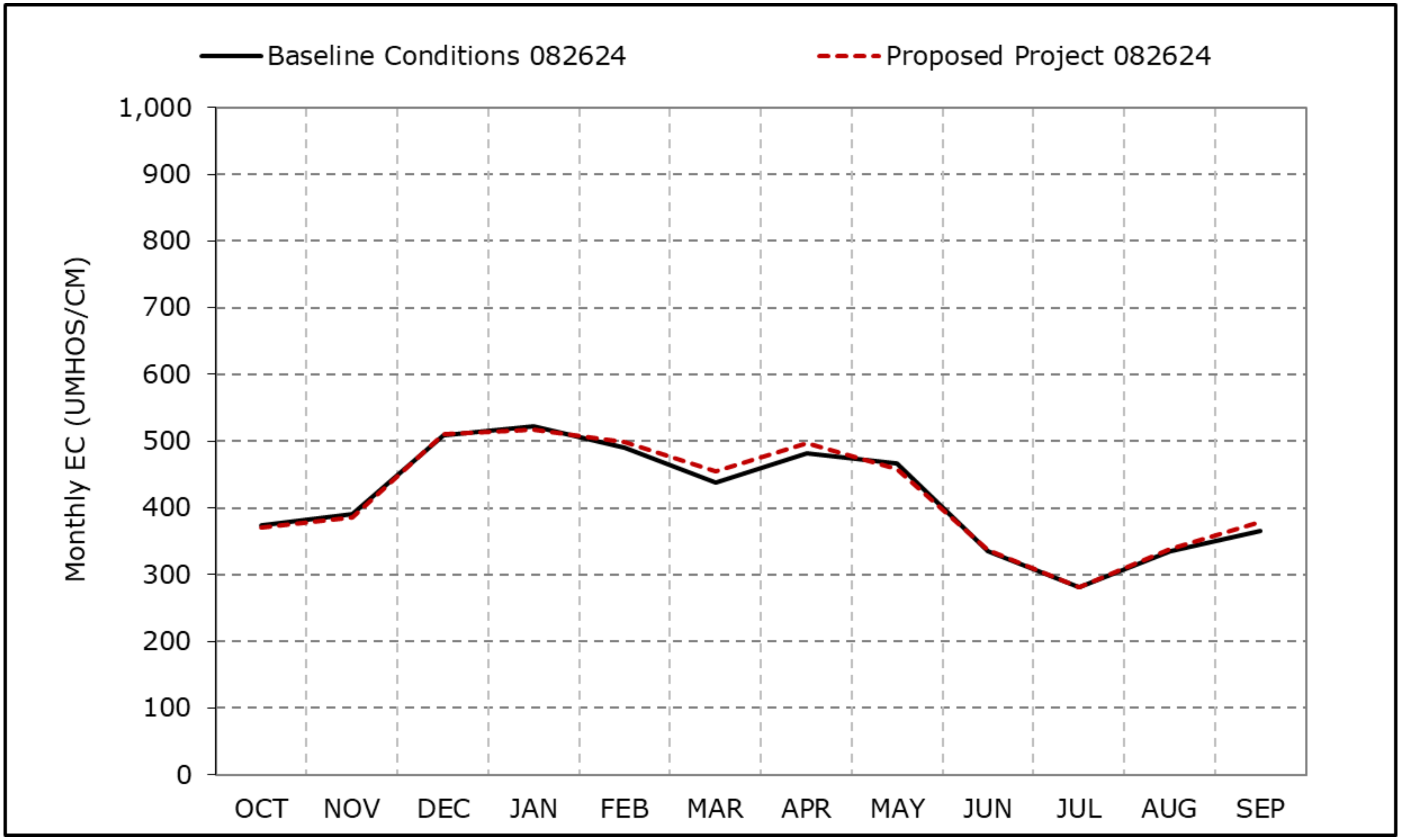
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19d. Victoria Canal, Below Normal Year Average EC



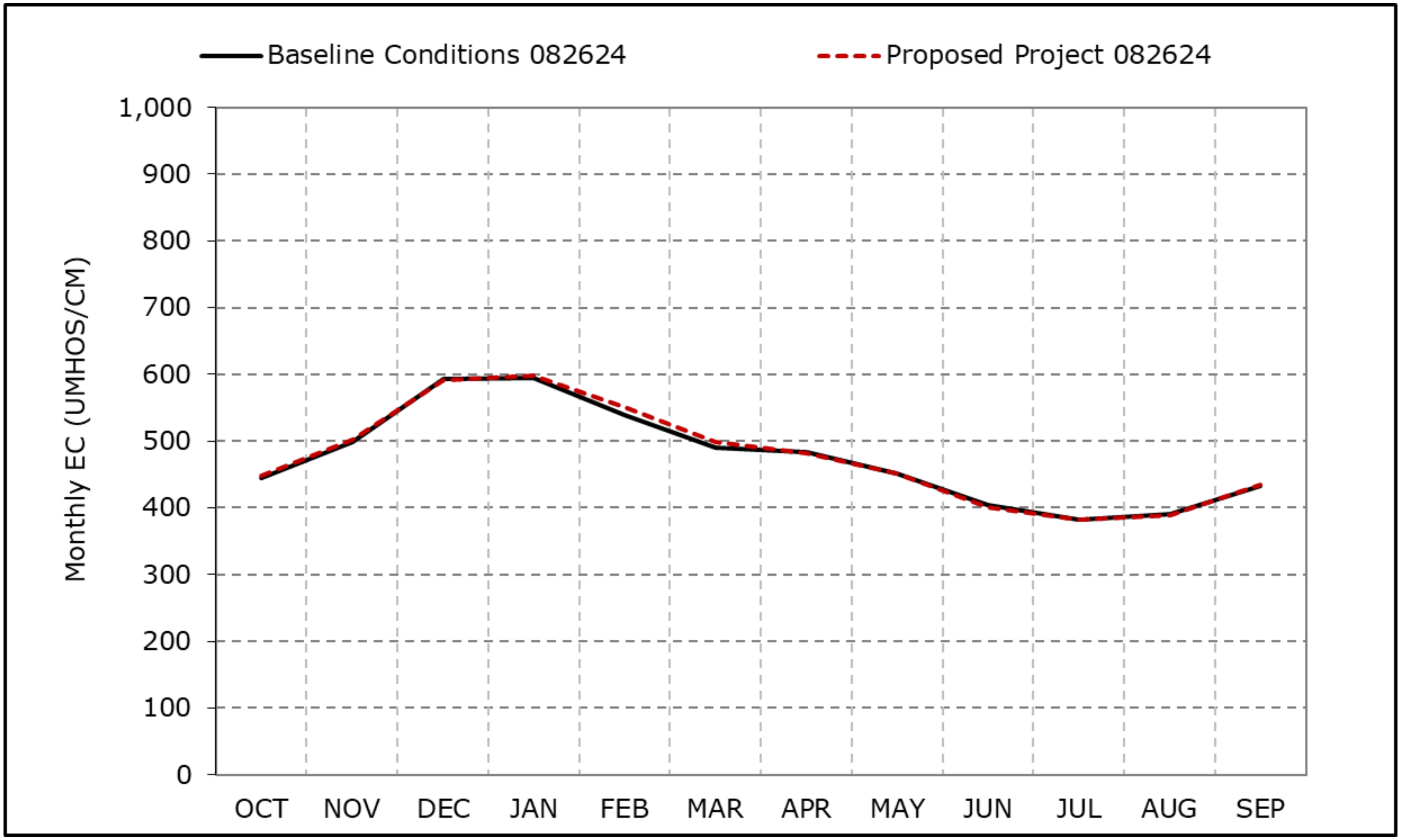
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19e. Victoria Canal, Dry Year Average EC



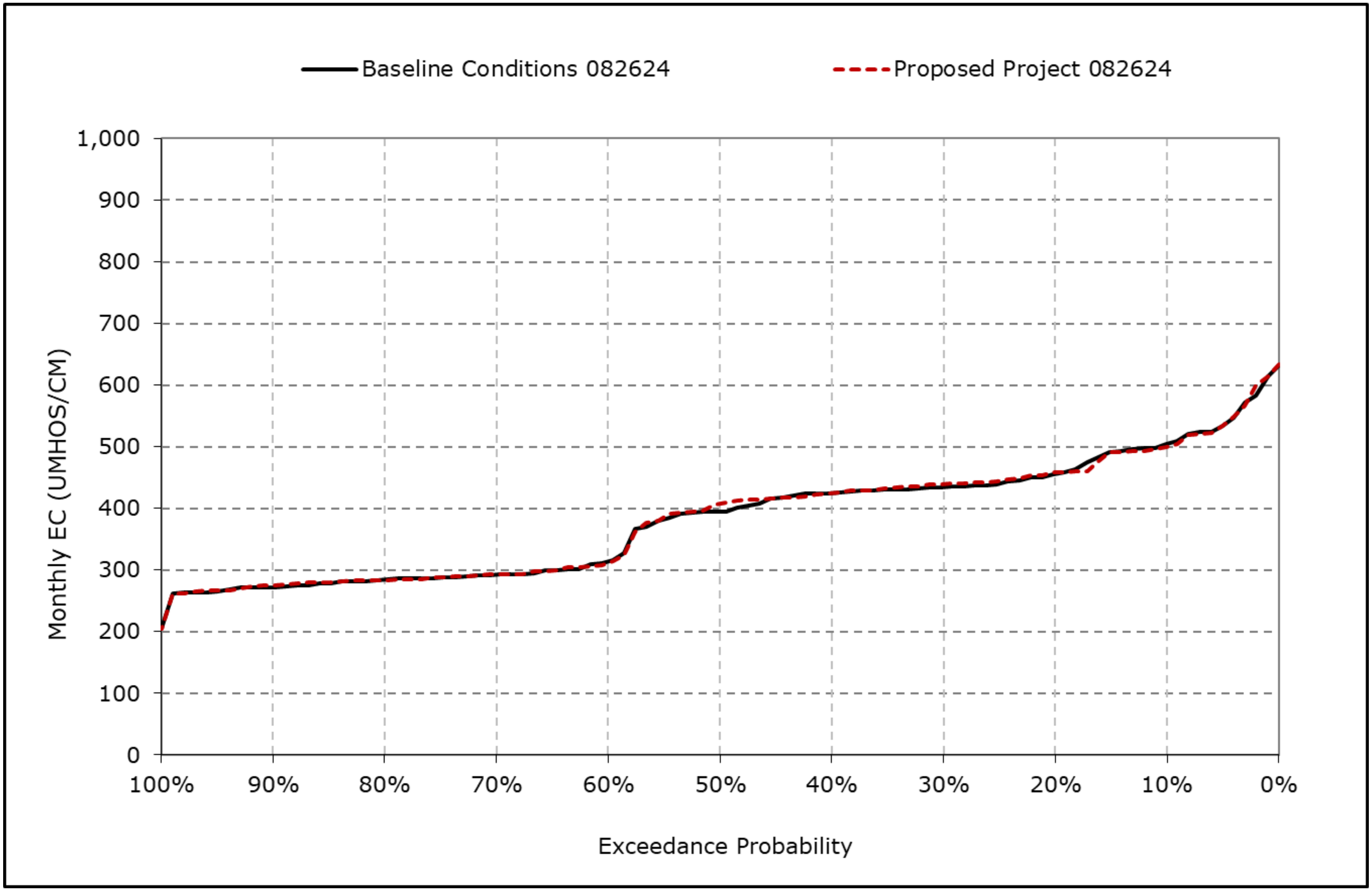
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19f. Victoria Canal, Critical Year Average EC



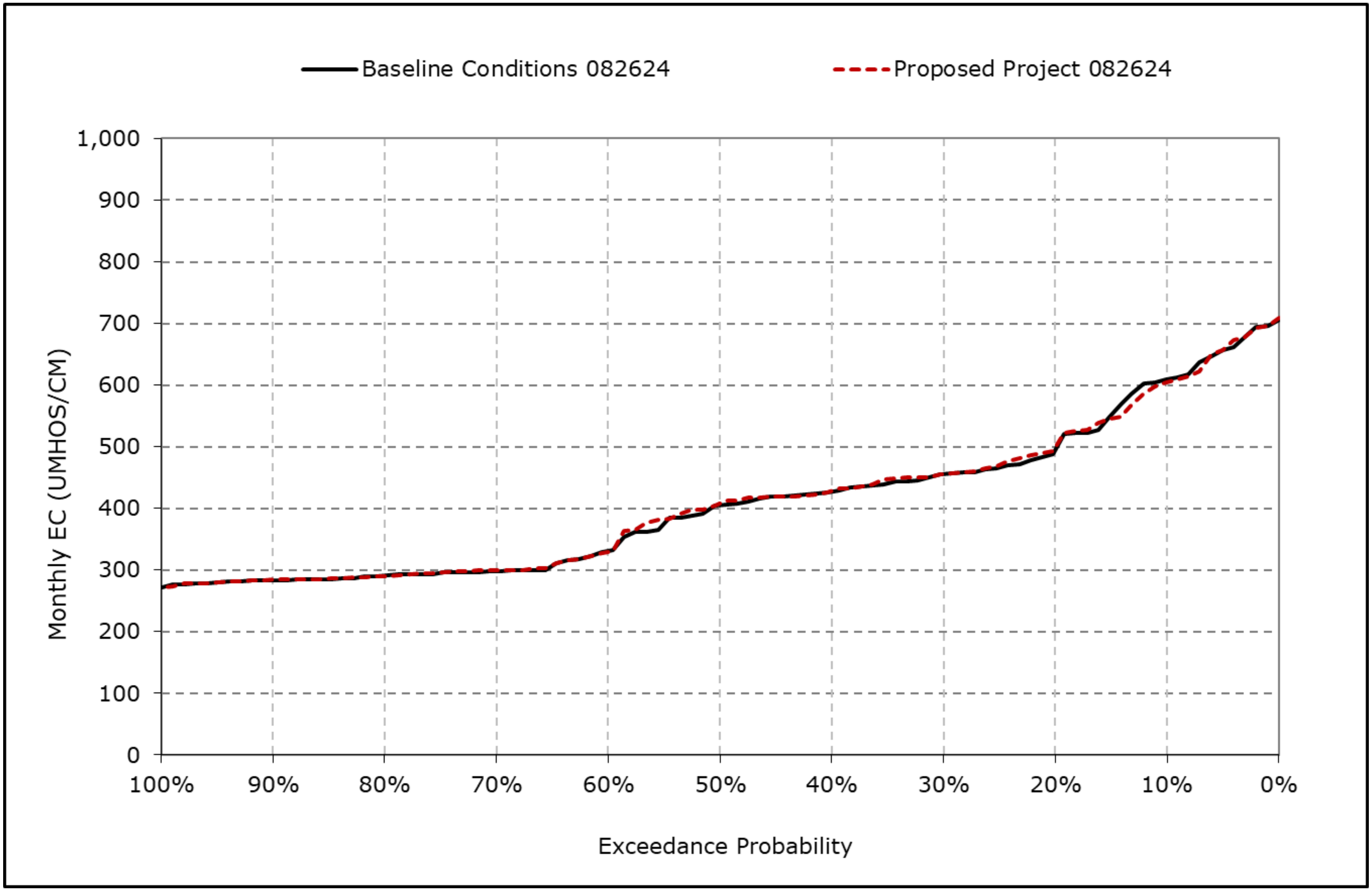
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19g. Victoria Canal, October EC



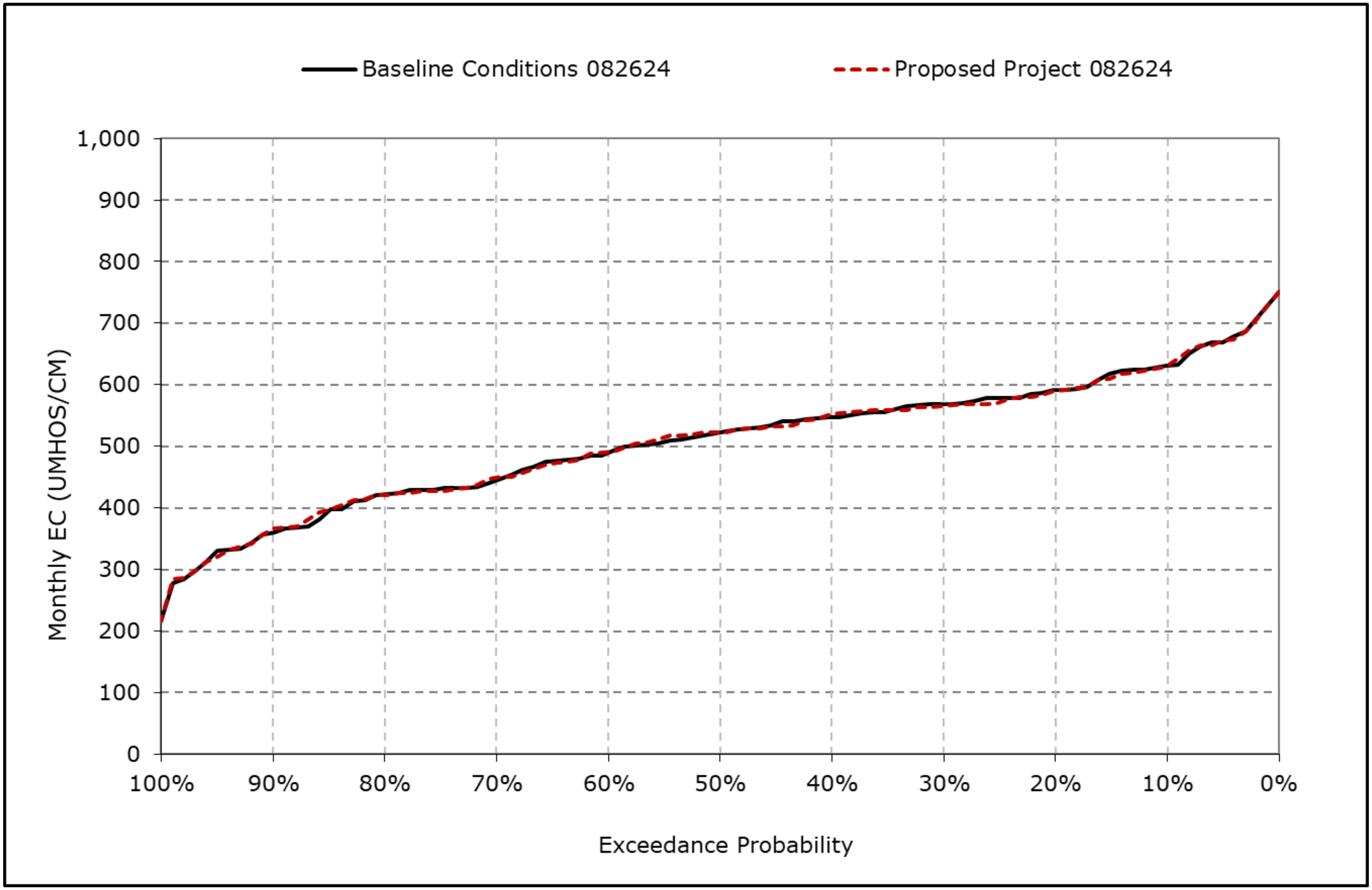
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19h. Victoria Canal, November EC



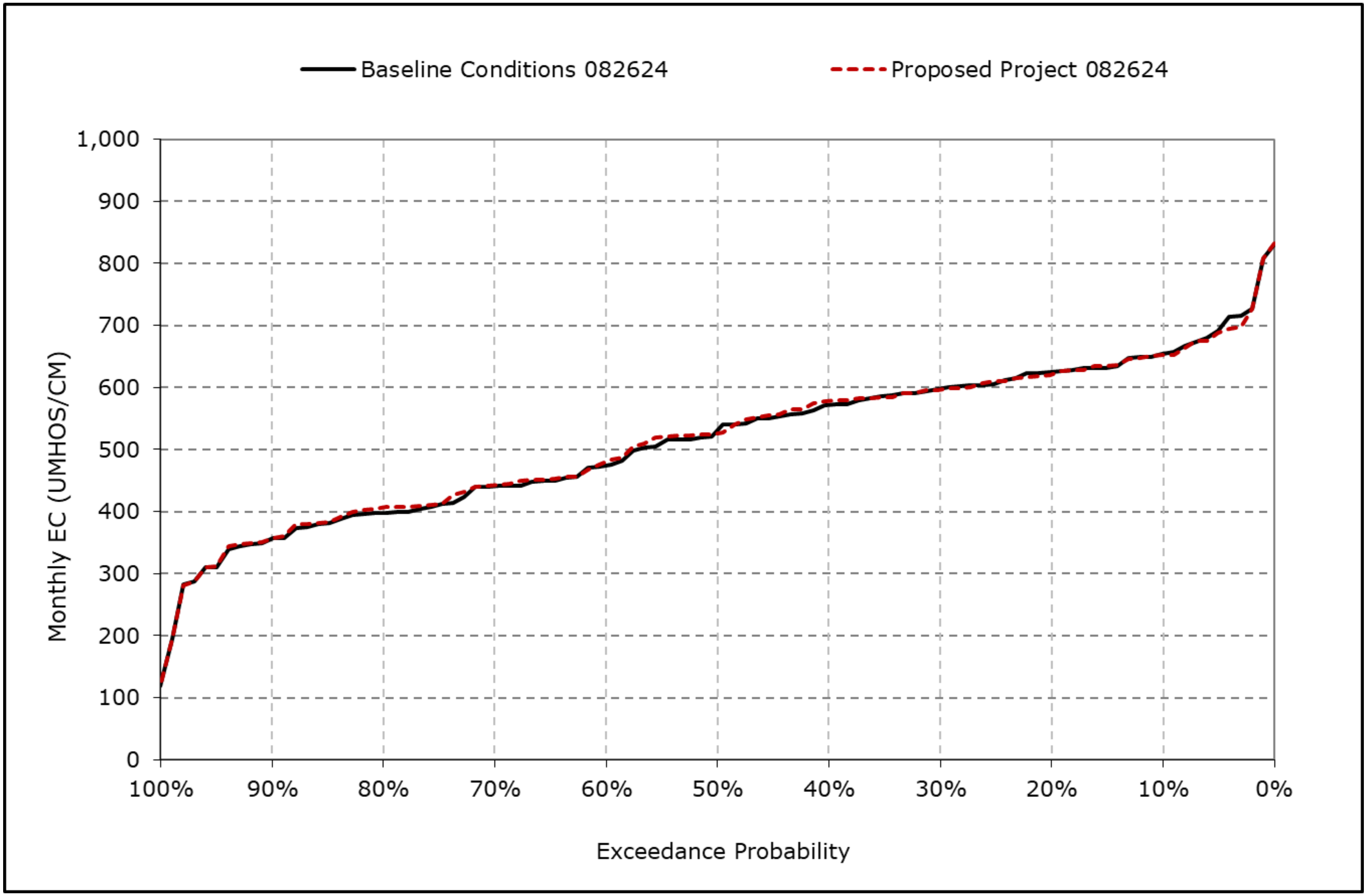
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19i. Victoria Canal, December EC



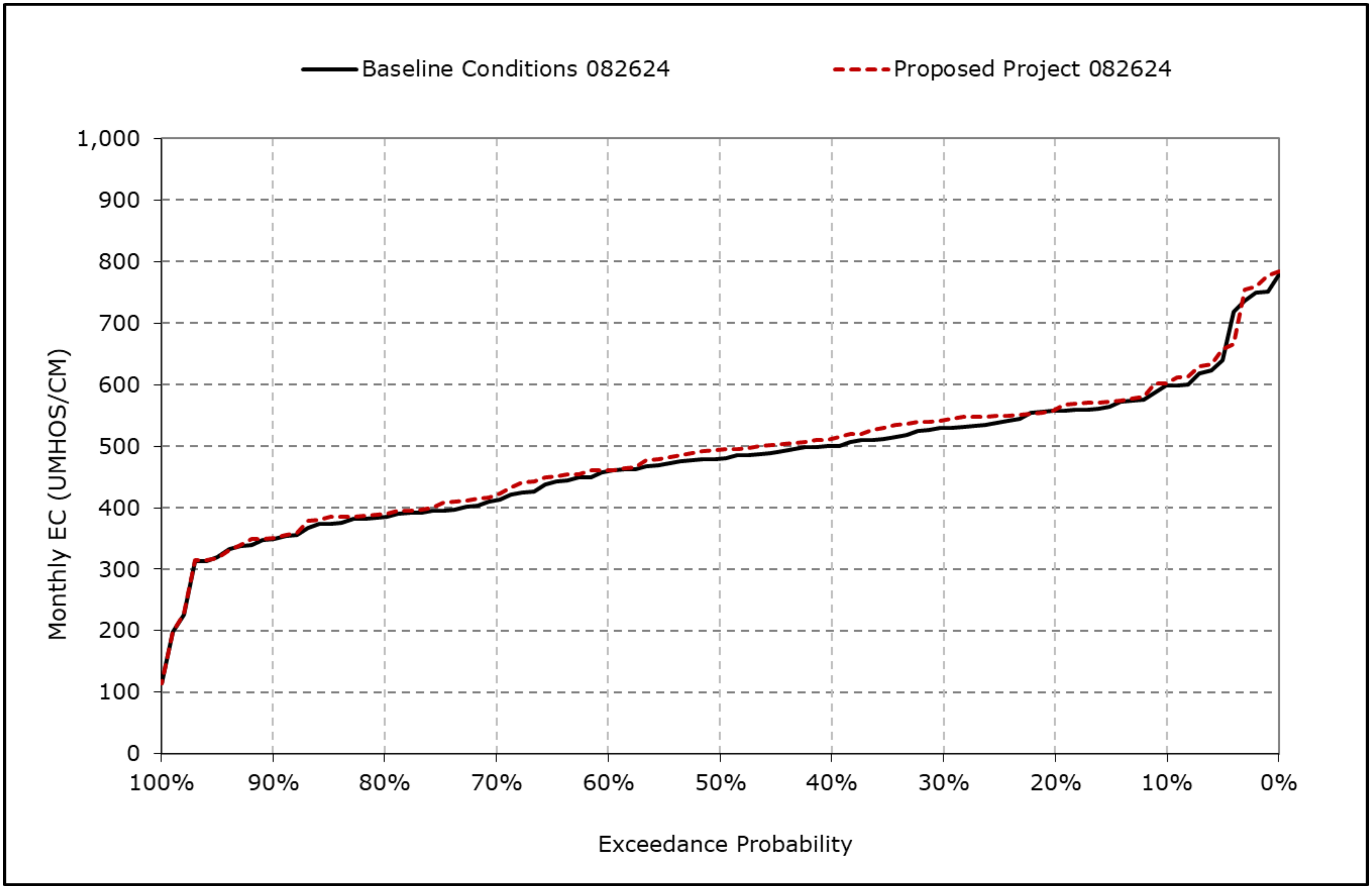
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19j. Victoria Canal, January EC



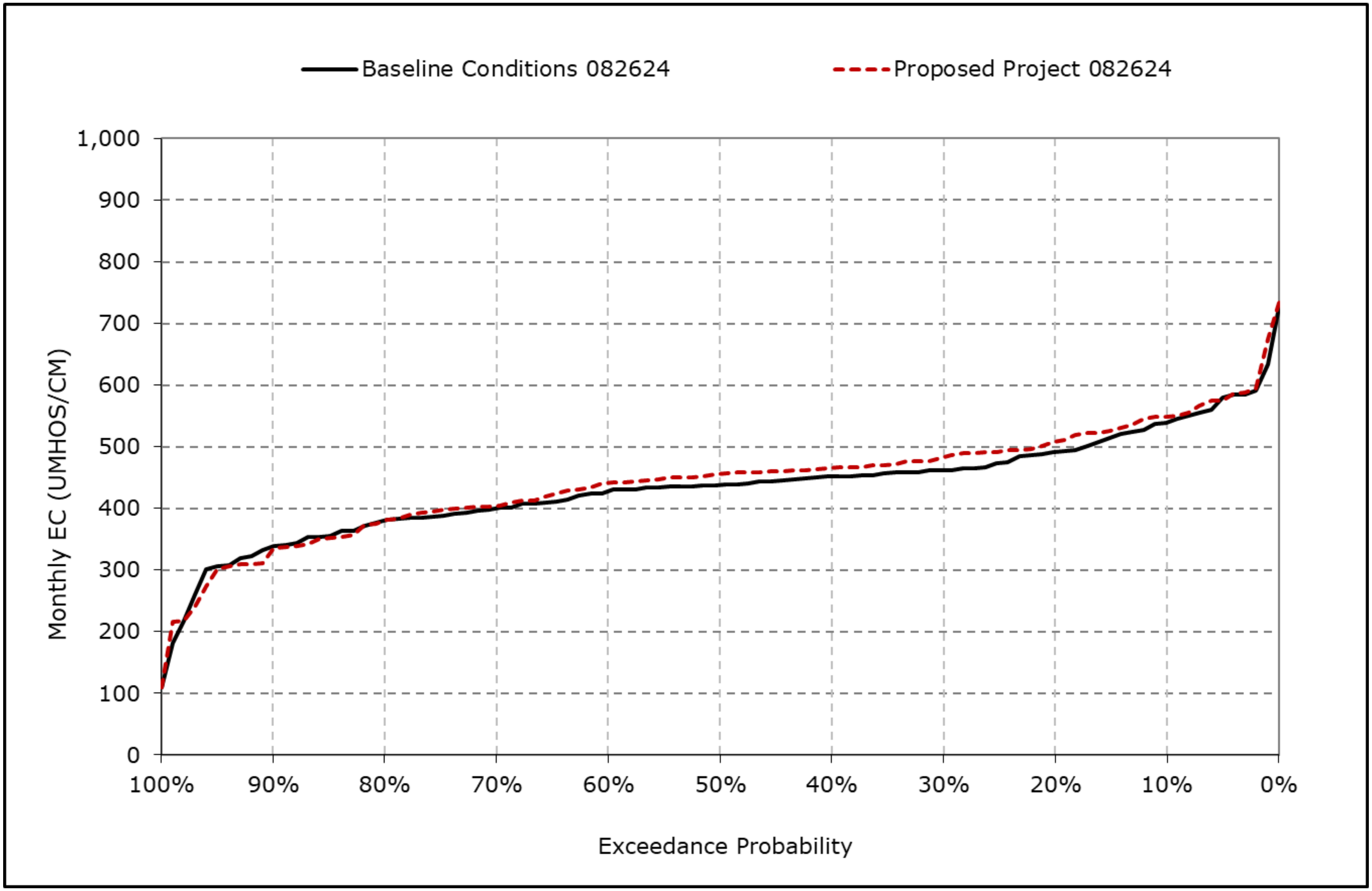
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19k. Victoria Canal, February EC



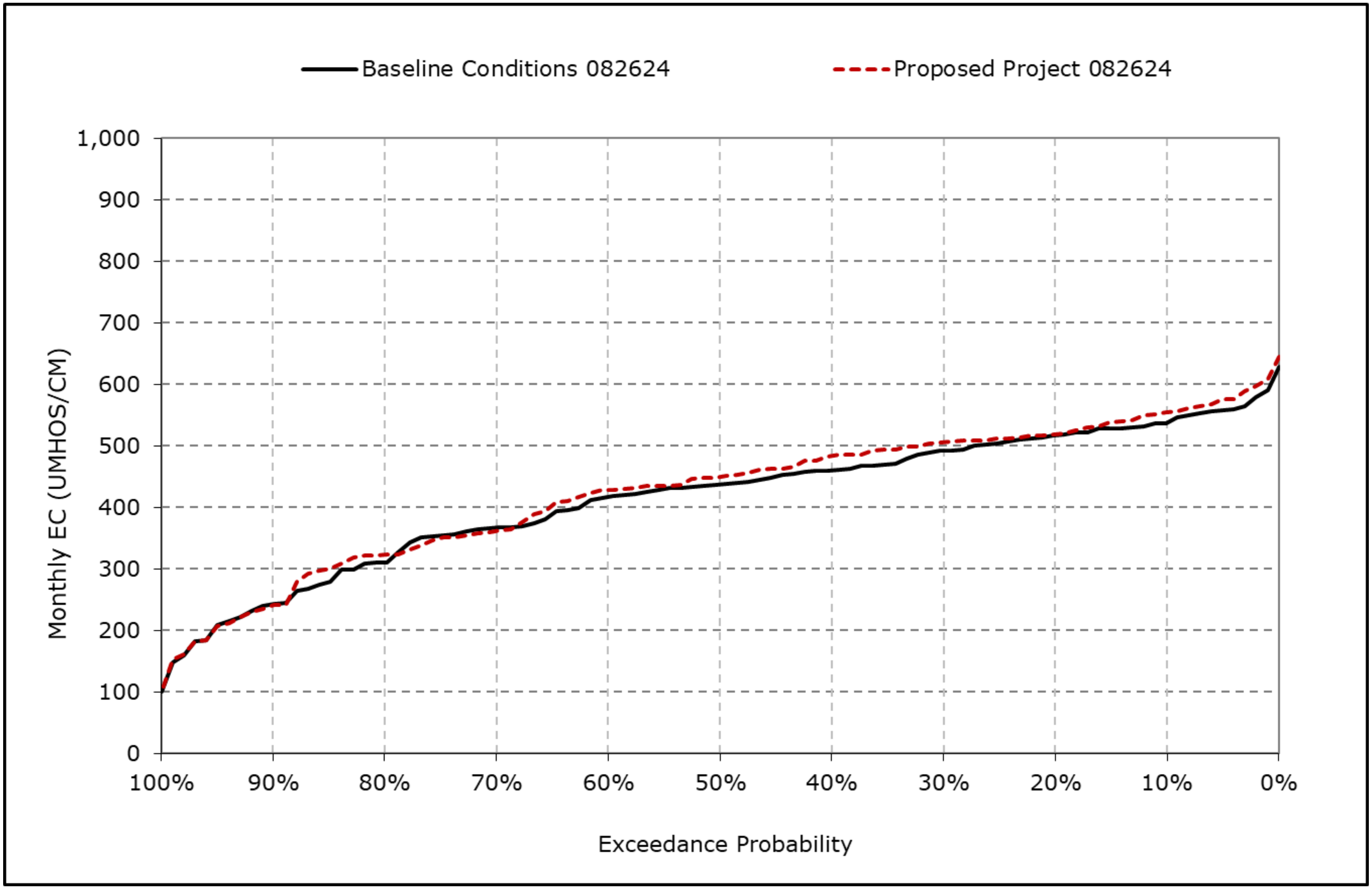
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19l. Victoria Canal, March EC



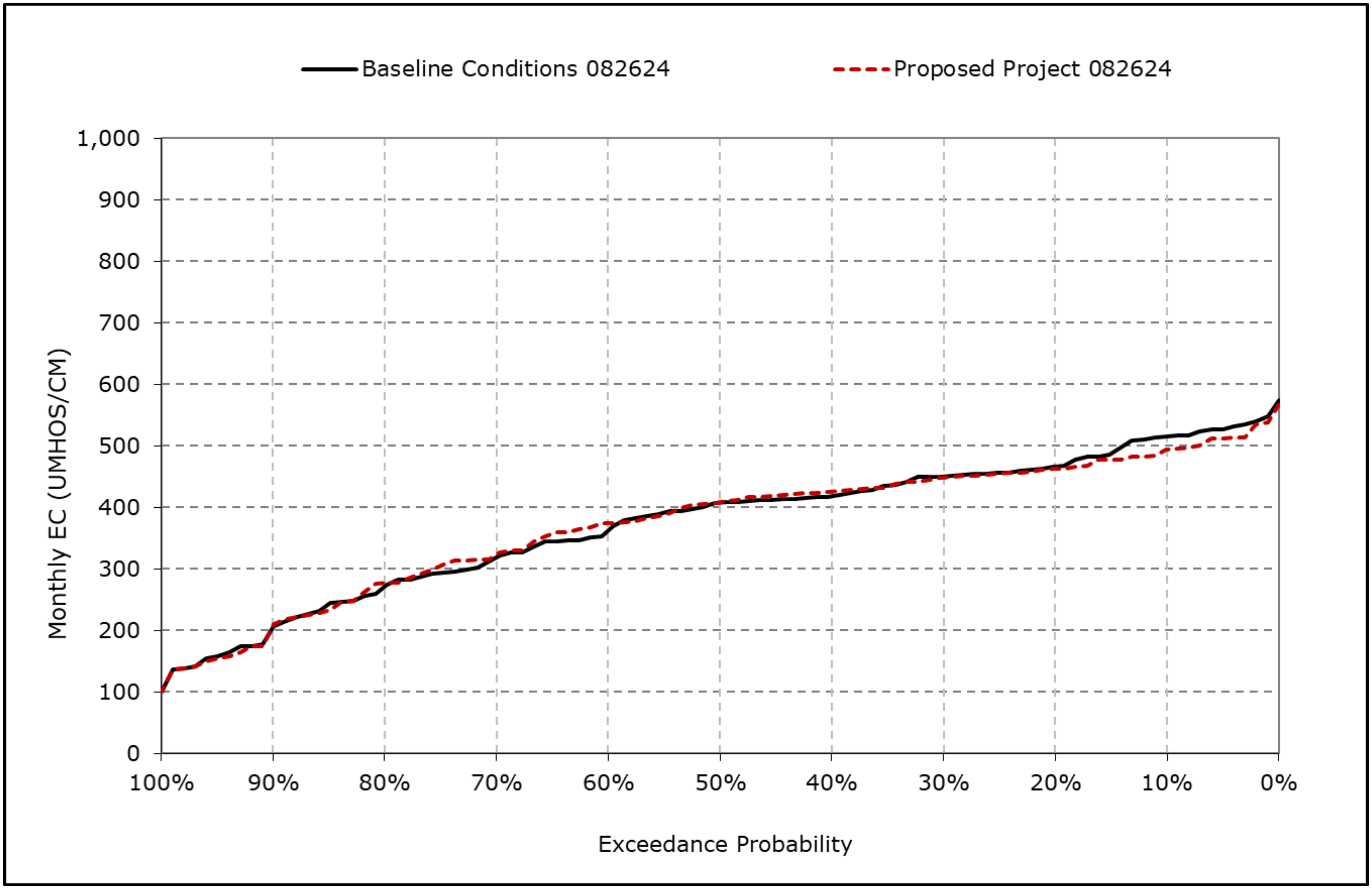
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19m. Victoria Canal, April EC



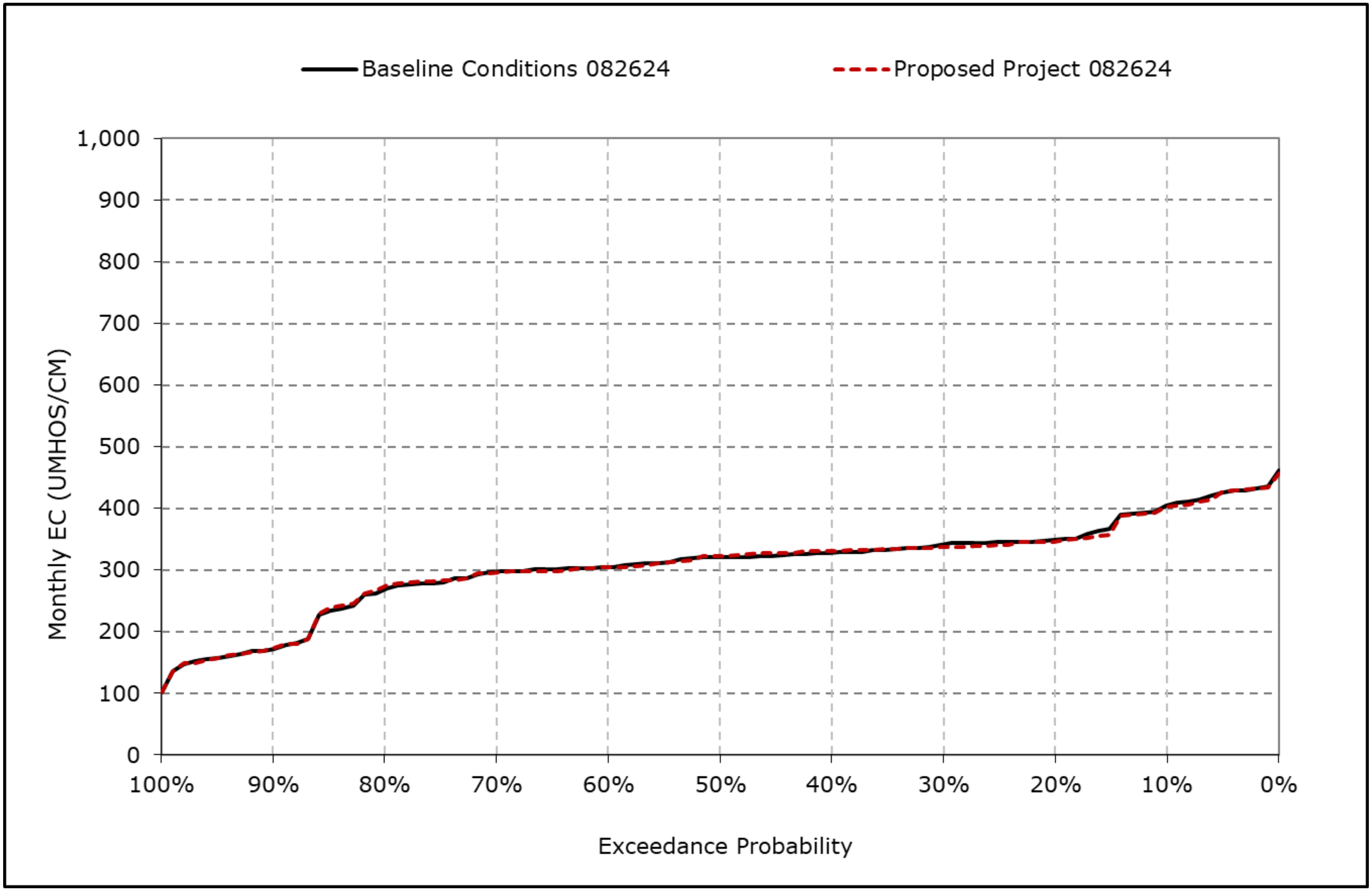
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19n. Victoria Canal, May EC



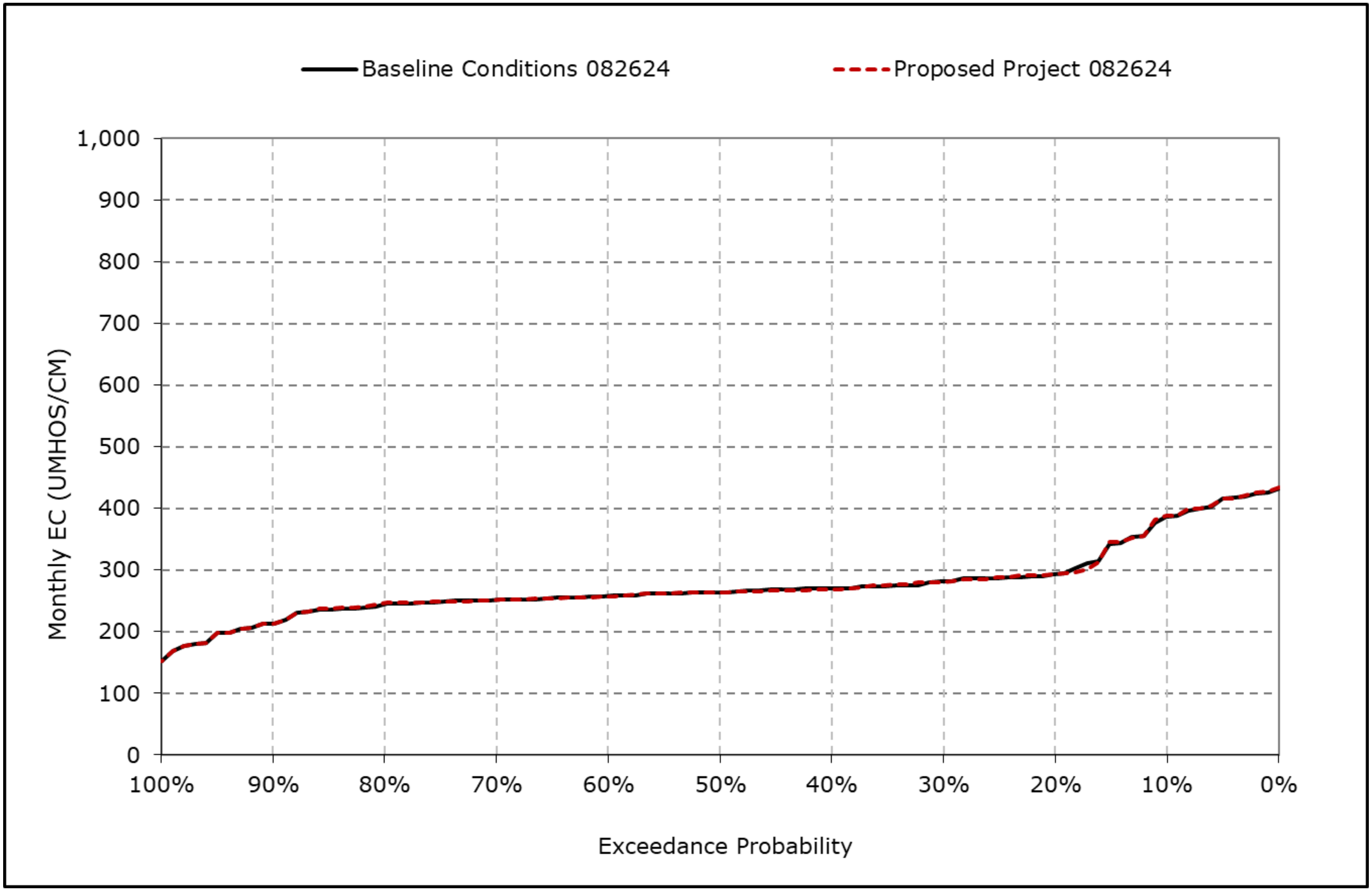
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19o. Victoria Canal, June EC



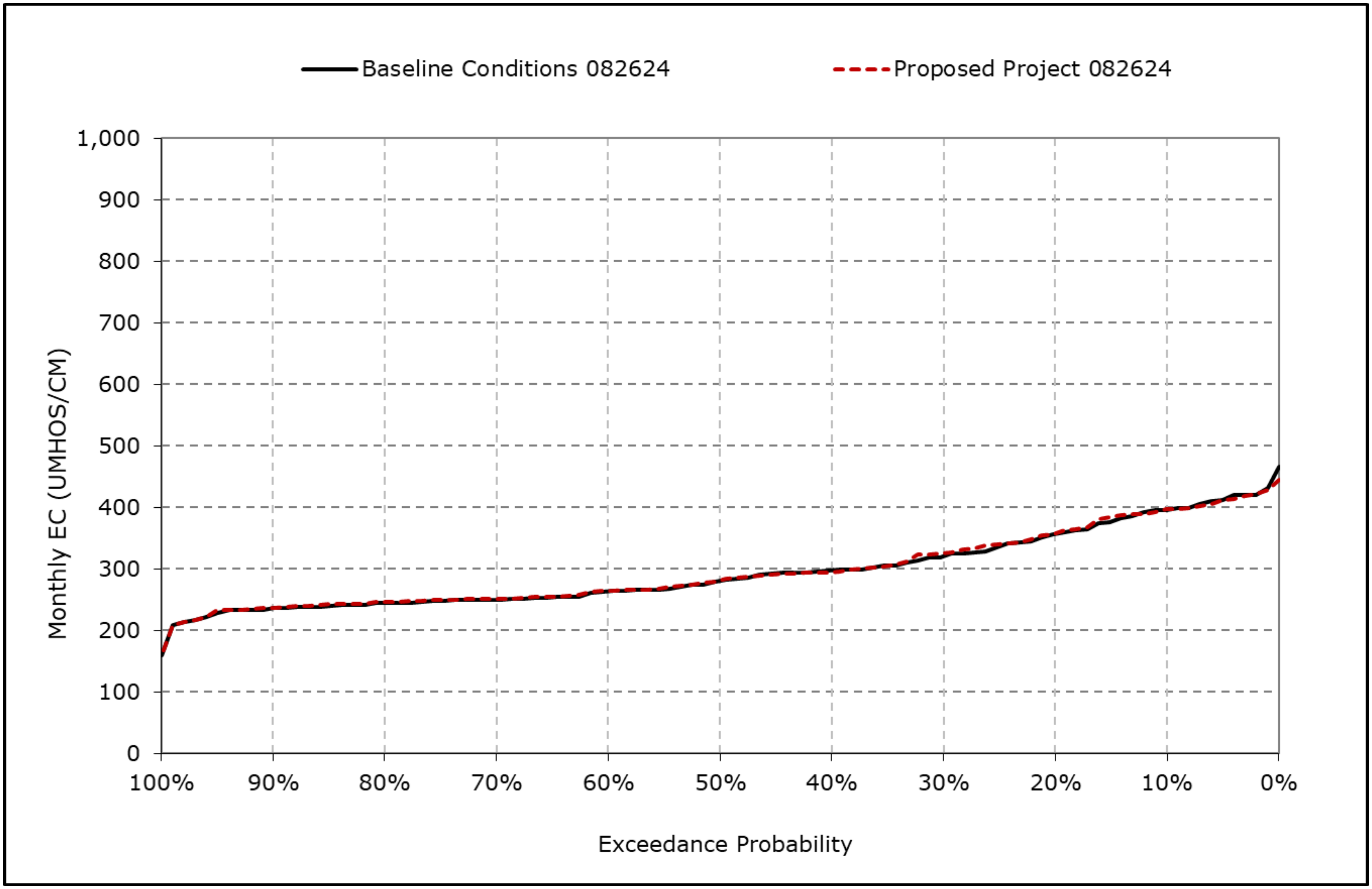
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19p. Victoria Canal, July EC



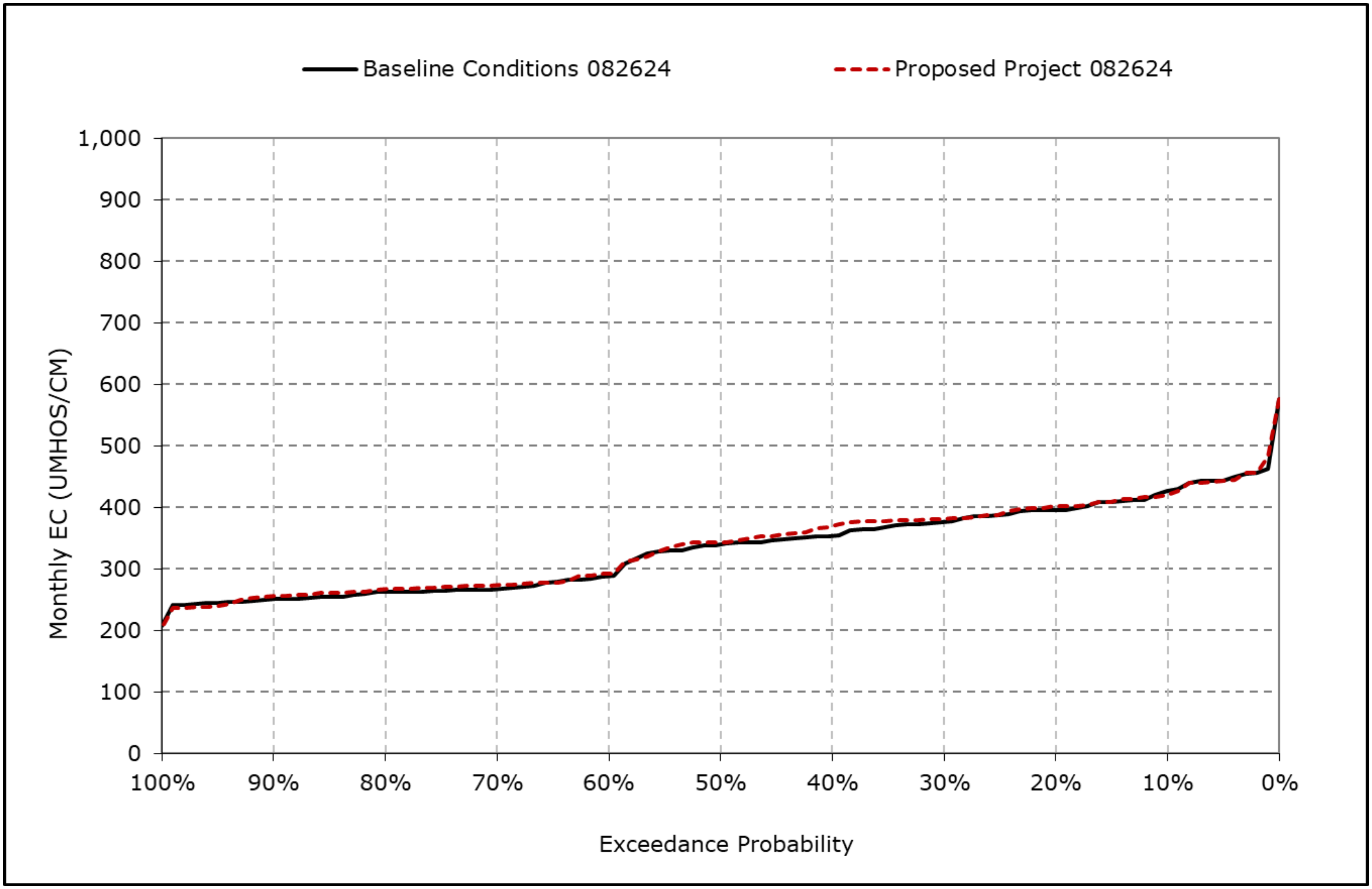
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-19q. Victoria Canal, August EC



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

Figure 4B-6-19r. Victoria Canal, September EC



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

Table 4B-6-20-1a. Montezuma Slough at Hunter Cut, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	15,664	14,727	14,424	10,729	7,247	6,676	8,239	9,710	13,553	16,551	18,231	15,524
20% Exceedance	15,094	13,919	13,005	9,588	5,617	4,857	6,178	8,179	10,315	13,014	16,330	15,166
30% Exceedance	14,381	13,471	12,054	8,170	3,952	2,915	4,698	7,080	9,459	10,622	11,645	14,909
40% Exceedance	13,787	12,943	11,404	6,794	2,908	2,377	3,309	4,978	8,663	8,862	10,889	14,039
50% Exceedance	13,144	12,658	10,332	5,724	2,037	1,633	2,513	3,528	7,201	7,703	10,512	12,823
60% Exceedance	10,113	12,363	8,601	3,191	1,248	794	1,442	2,568	6,399	7,239	9,947	11,299
70% Exceedance	9,867	11,986	5,949	1,387	562	556	1,125	1,655	3,830	6,213	8,794	11,065
80% Exceedance	9,694	11,055	4,108	717	413	339	593	757	1,945	5,042	8,071	10,527
90% Exceedance	9,333	7,589	2,384	383	328	293	340	452	921	3,837	6,527	9,528
Full Simulation Period Average[a]	12,169	11,974	8,986	5,376	2,860	2,523	3,378	4,618	7,043	8,876	11,345	12,553
Wet Water Years (32%)	11,312	10,439	5,330	1,599	517	458	778	1,297	2,714	5,672	9,417	9,781
Above Normal Years (9%)	11,729	12,021	9,682	3,916	1,239	913	1,342	2,234	4,497	4,692	6,444	9,717
Below Normal Years (20%)	11,807	12,146	10,255	5,787	2,779	1,989	2,567	3,765	7,006	6,910	8,609	14,860
Dry Water Years (21%)	12,351	12,546	10,263	8,142	4,442	3,794	5,146	6,721	9,299	11,375	13,246	13,573
Critical Water Years (18%)	14,100	13,822	12,240	9,137	6,080	6,112	7,856	10,210	13,421	15,936	18,044	15,148

Table 4B-6-20-1b. Montezuma Slough at Hunter Cut, Proposed Project 082624, Monthly EC (UMHOS/CM)

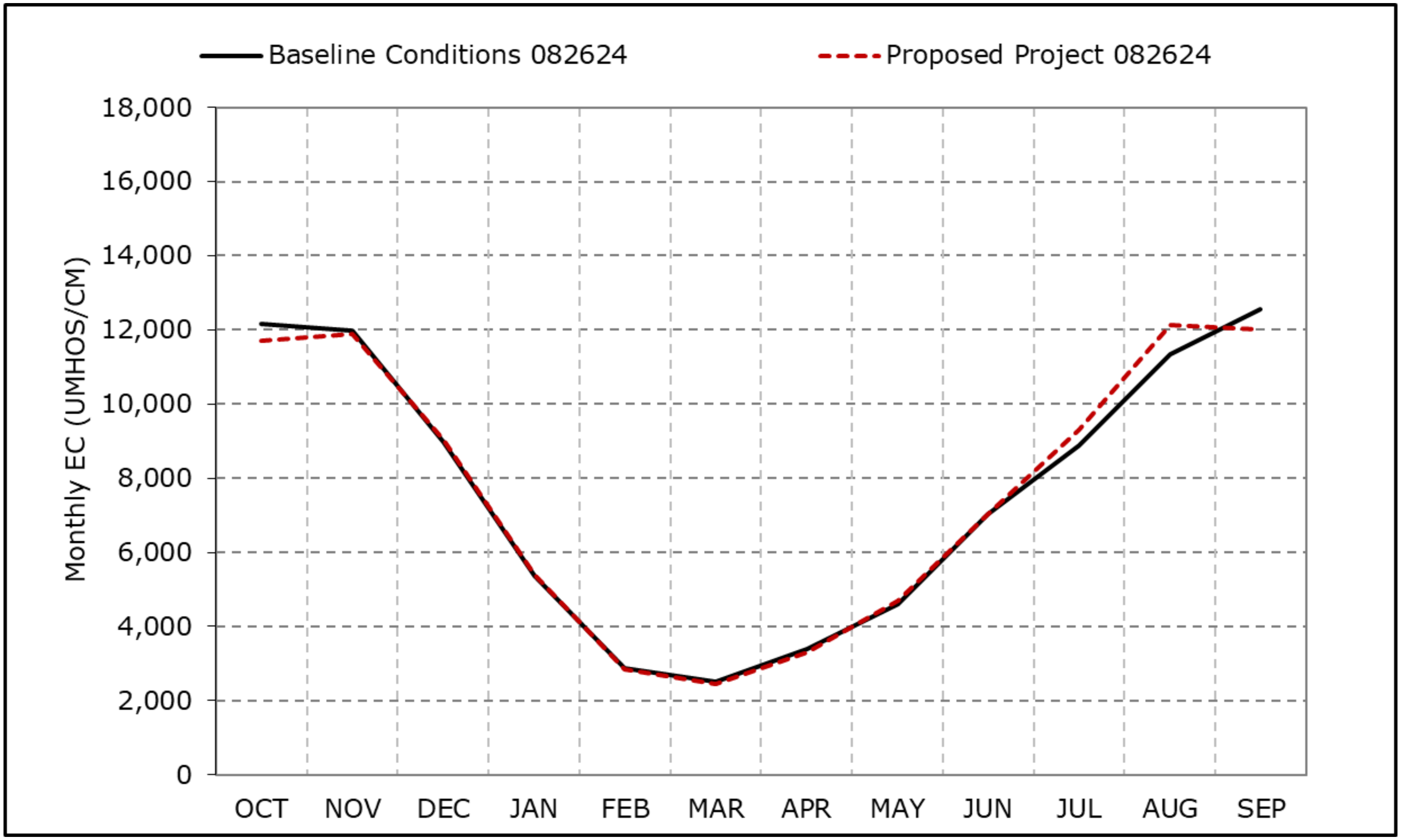
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	15,480	14,682	14,555	11,430	7,191	6,521	7,944	9,902	13,732	16,619	18,263	15,093
20% Exceedance	14,555	13,956	12,734	9,592	5,416	4,694	6,057	7,764	10,082	12,843	15,911	14,201
30% Exceedance	13,905	13,202	12,143	8,157	3,773	2,735	4,430	7,173	9,313	10,980	13,430	13,603
40% Exceedance	13,523	12,871	11,481	6,729	2,867	2,194	3,342	5,142	8,610	9,770	11,656	13,233
50% Exceedance	12,709	12,609	10,323	5,513	1,938	1,623	2,438	3,853	7,339	8,806	11,153	12,453
60% Exceedance	10,124	12,299	8,694	3,108	1,227	772	1,451	2,780	6,482	8,077	10,691	11,334
70% Exceedance	9,872	11,838	6,192	1,408	556	558	1,160	1,846	3,674	6,960	10,284	11,206
80% Exceedance	9,710	10,774	4,026	893	423	347	638	778	1,861	5,051	9,659	10,499
90% Exceedance	6,991	7,647	2,298	382	328	291	350	466	885	4,146	8,453	8,127
Full Simulation Period Average[a]	11,703	11,897	9,025	5,383	2,833	2,453	3,314	4,698	7,026	9,316	12,132	11,996
Wet Water Years (32%)	10,955	10,375	5,437	1,703	530	461	829	1,435	2,671	5,583	9,661	10,102
Above Normal Years (9%)	11,372	11,917	9,744	3,607	1,148	870	1,325	2,402	4,458	5,782	8,425	7,958
Below Normal Years (20%)	11,307	12,077	10,332	5,772	2,745	1,867	2,467	3,949	7,017	8,323	10,252	12,574
Dry Water Years (21%)	11,924	12,503	10,204	7,962	4,268	3,559	4,825	6,533	9,194	11,758	14,195	13,355
Critical Water Years (18%)	13,380	13,689	12,214	9,370	6,193	6,146	7,902	10,338	13,531	15,973	18,061	15,154

Table 4B-6-20-1c. Montezuma Slough at Hunter Cut, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-185	-45	131	701	-56	-155	-295	192	179	68	32	-431
20% Exceedance	-539	37	-271	4	-201	-163	-121	-414	-232	-171	-419	-964
30% Exceedance	-475	-269	89	-13	-179	-180	-268	93	-146	358	1,784	-1,307
40% Exceedance	-264	-72	77	-65	-41	-184	33	163	-53	908	767	-806
50% Exceedance	-435	-50	-9	-211	-99	-10	-75	325	138	1,103	641	-370
60% Exceedance	11	-64	93	-83	-21	-21	9	212	83	838	744	35
70% Exceedance	4	-148	244	21	-6	2	35	192	-156	746	1,489	141
80% Exceedance	15	-281	-82	175	10	8	45	21	-85	9	1,588	-28
90% Exceedance	-2,342	58	-86	-1	0	-2	9	13	-36	309	1,926	-1,401
Full Simulation Period Average[a]	-466	-77	38	7	-27	-71	-64	80	-17	440	787	-557
Wet Water Years (32%)	-357	-64	107	104	13	3	51	138	-44	-88	244	321
Above Normal Years (9%)	-356	-104	62	-309	-92	-43	-17	168	-40	1,090	1,981	-1,758
Below Normal Years (20%)	-499	-69	78	-15	-35	-122	-101	185	11	1,414	1,642	-2,286
Dry Water Years (21%)	-428	-43	-59	-179	-174	-235	-321	-187	-105	383	949	-218
Critical Water Years (18%)	-720	-133	-26	234	113	34	45	128	111	37	17	6

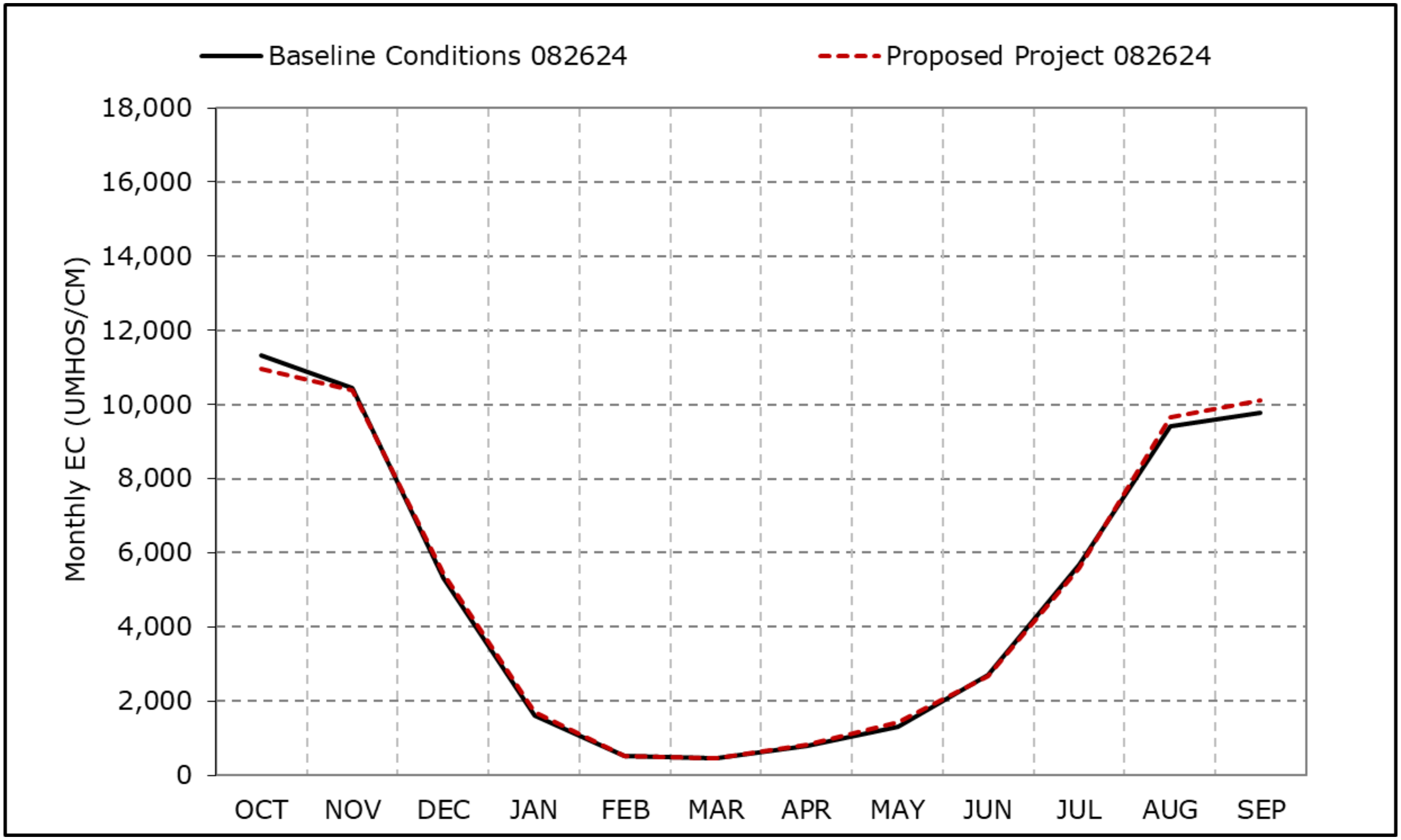
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-20a. Montezuma Slough at Hunter Cut, Long-Term Average EC



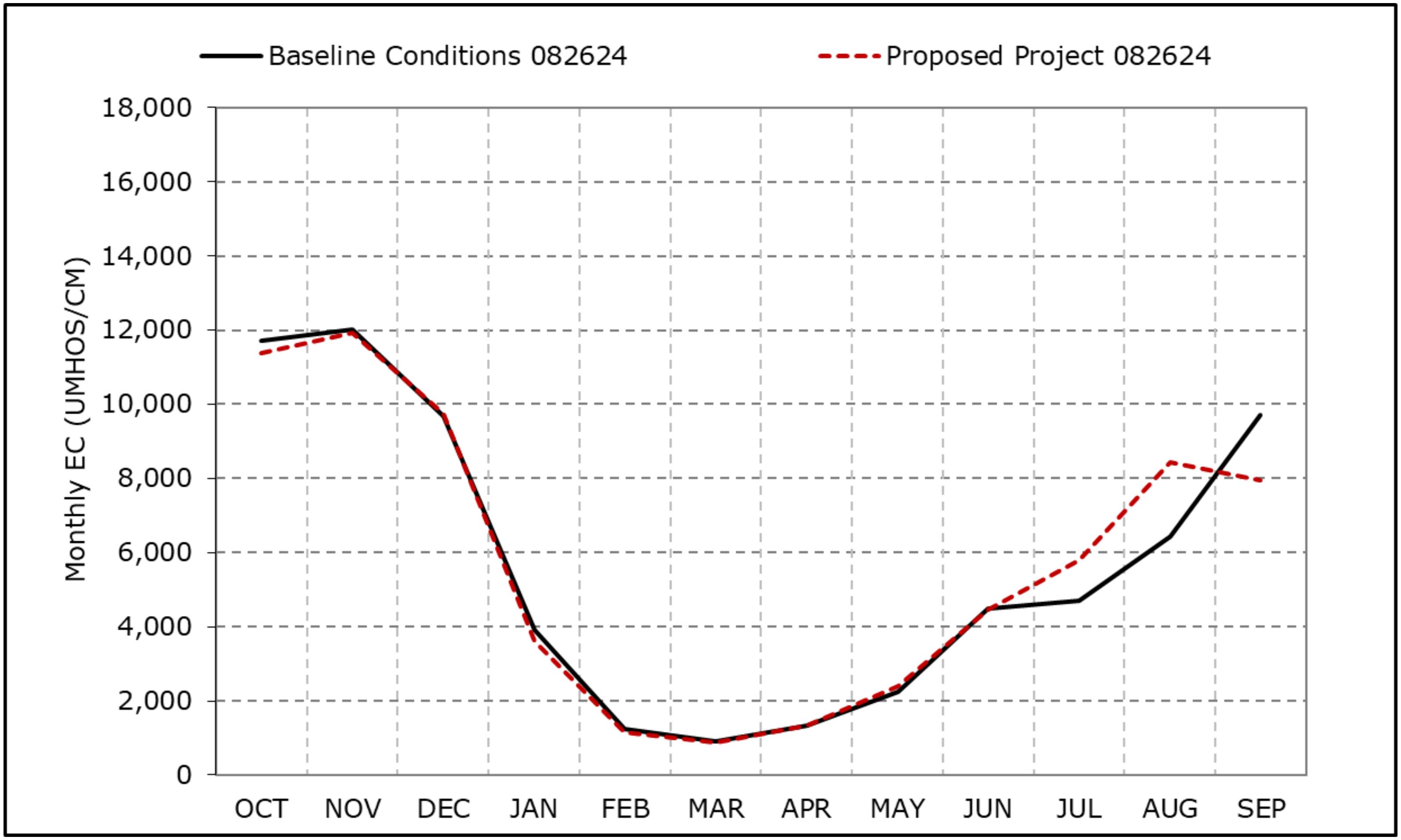
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20b. Montezuma Slough at Hunter Cut, Wet Year Average EC



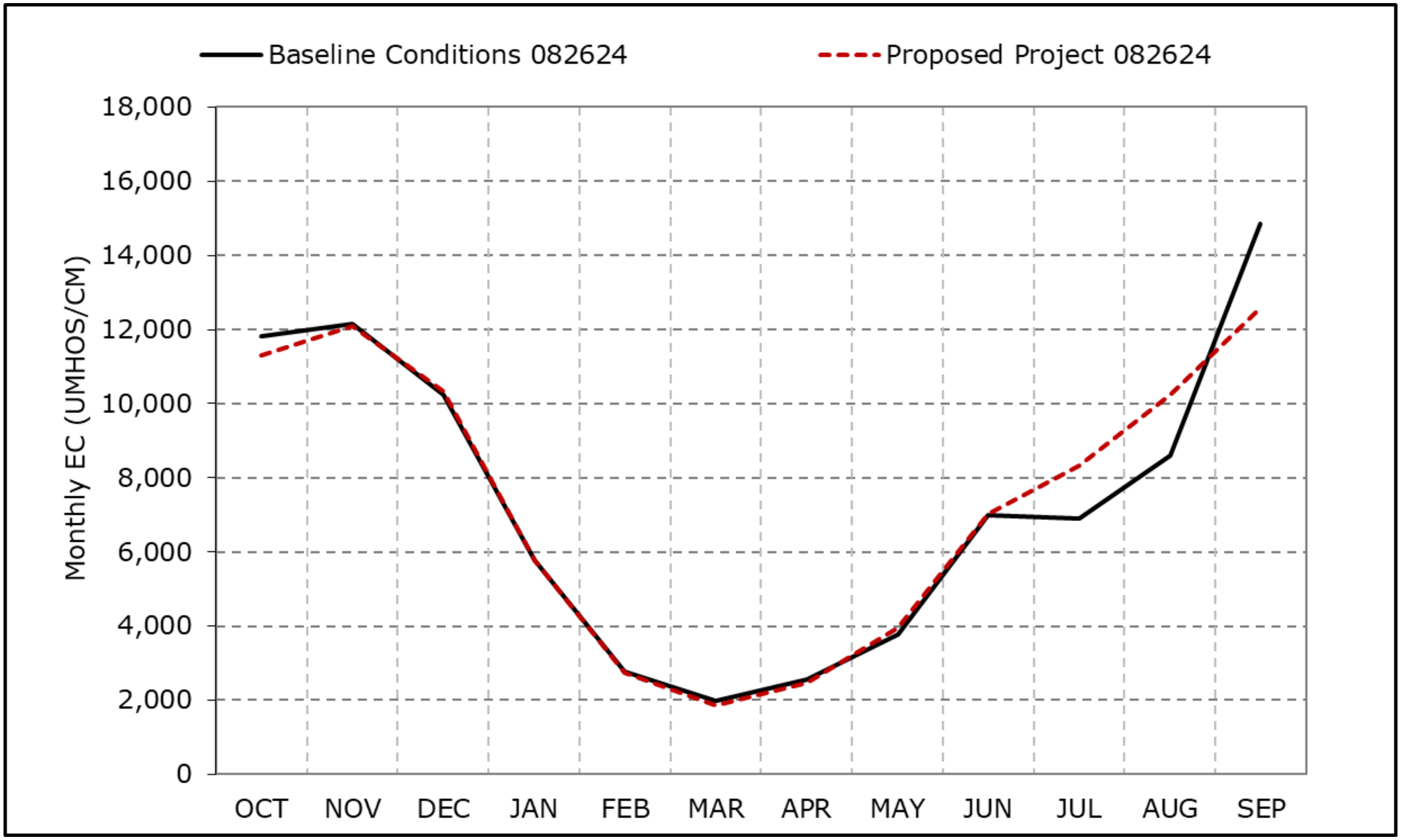
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20c. Montezuma Slough at Hunter Cut, Above Normal Year Average EC



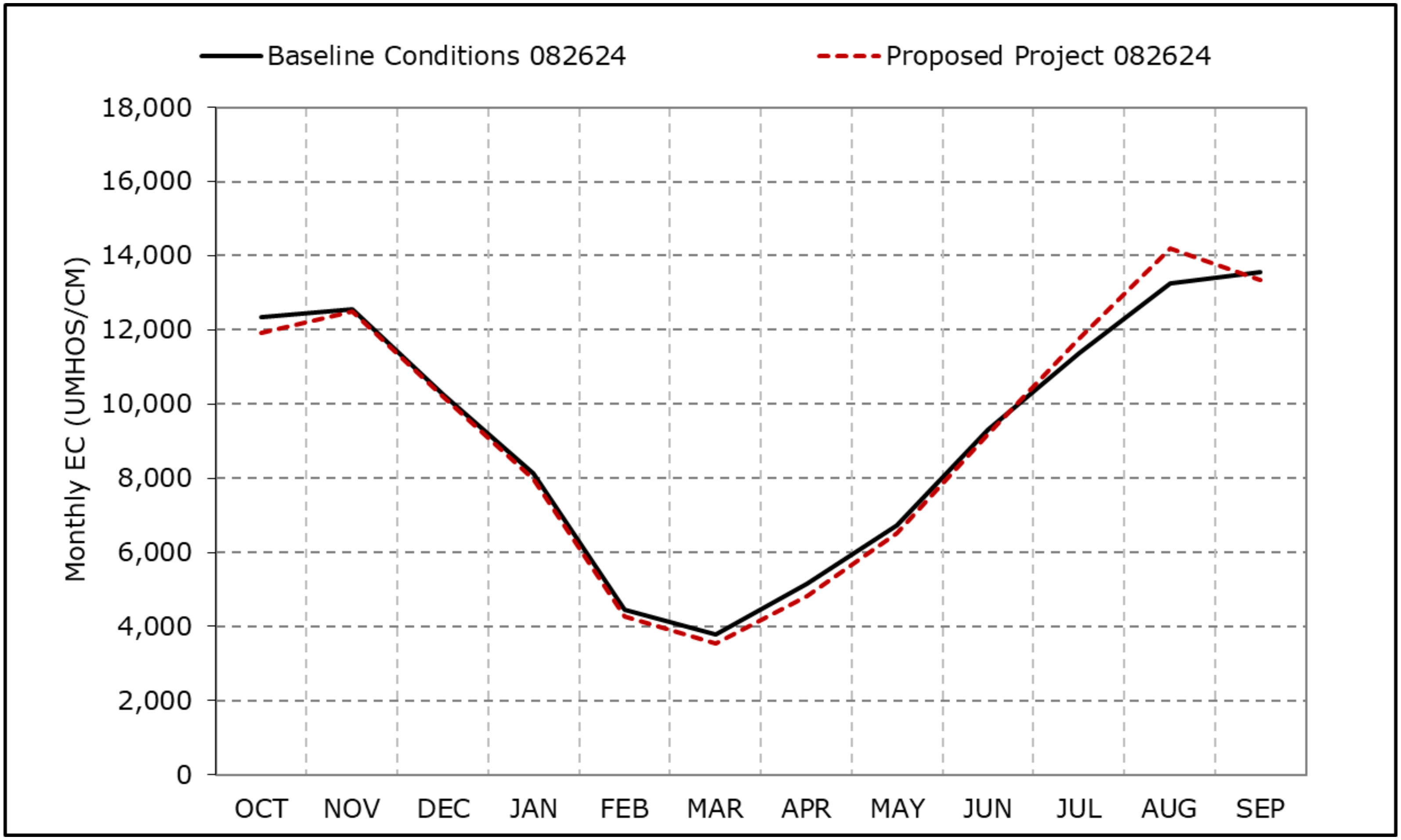
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20d. Montezuma Slough at Hunter Cut, Below Normal Year Average EC



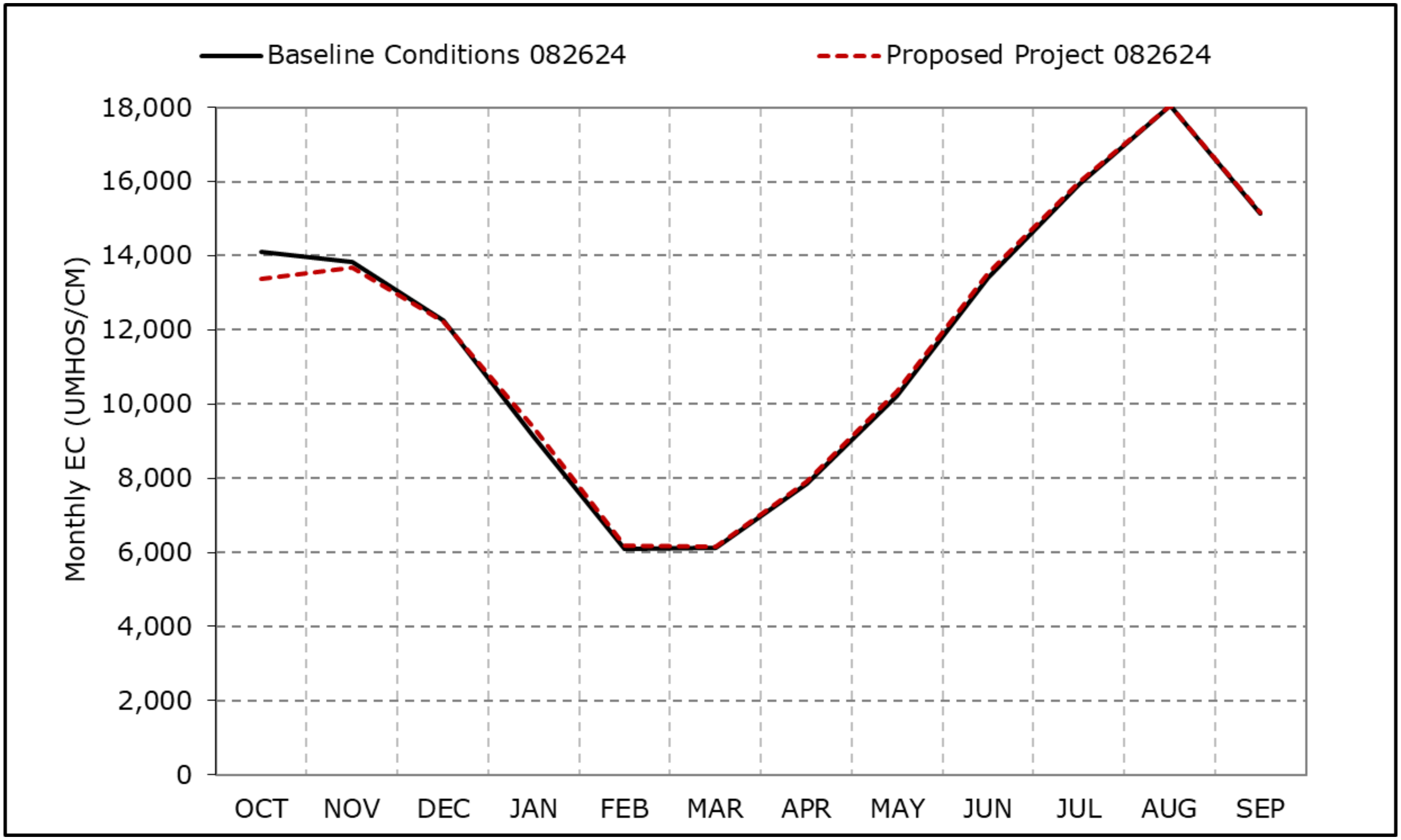
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20e. Montezuma Slough at Hunter Cut, Dry Year Average EC



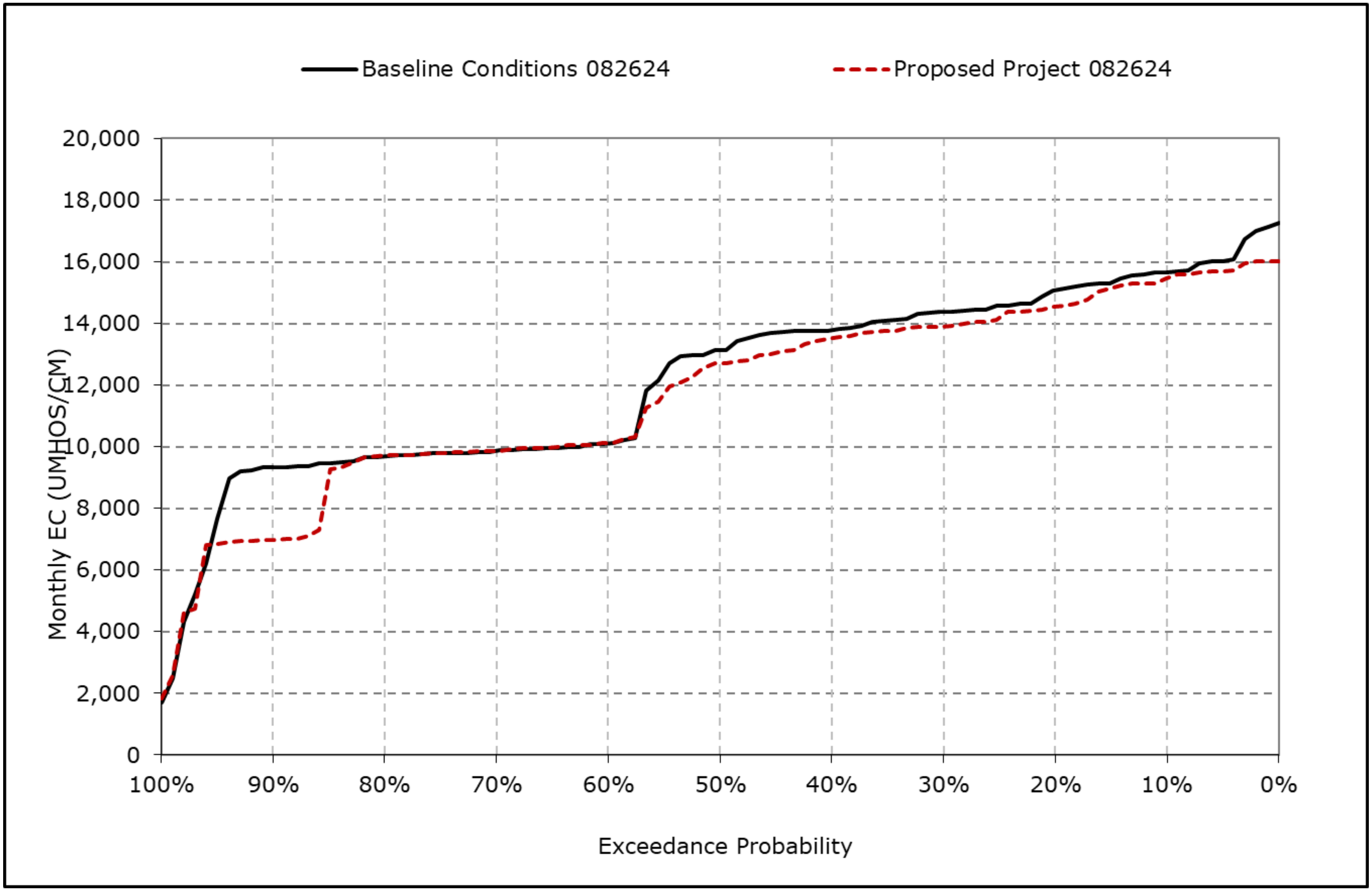
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20f. Montezuma Slough at Hunter Cut, Critical Year Average EC



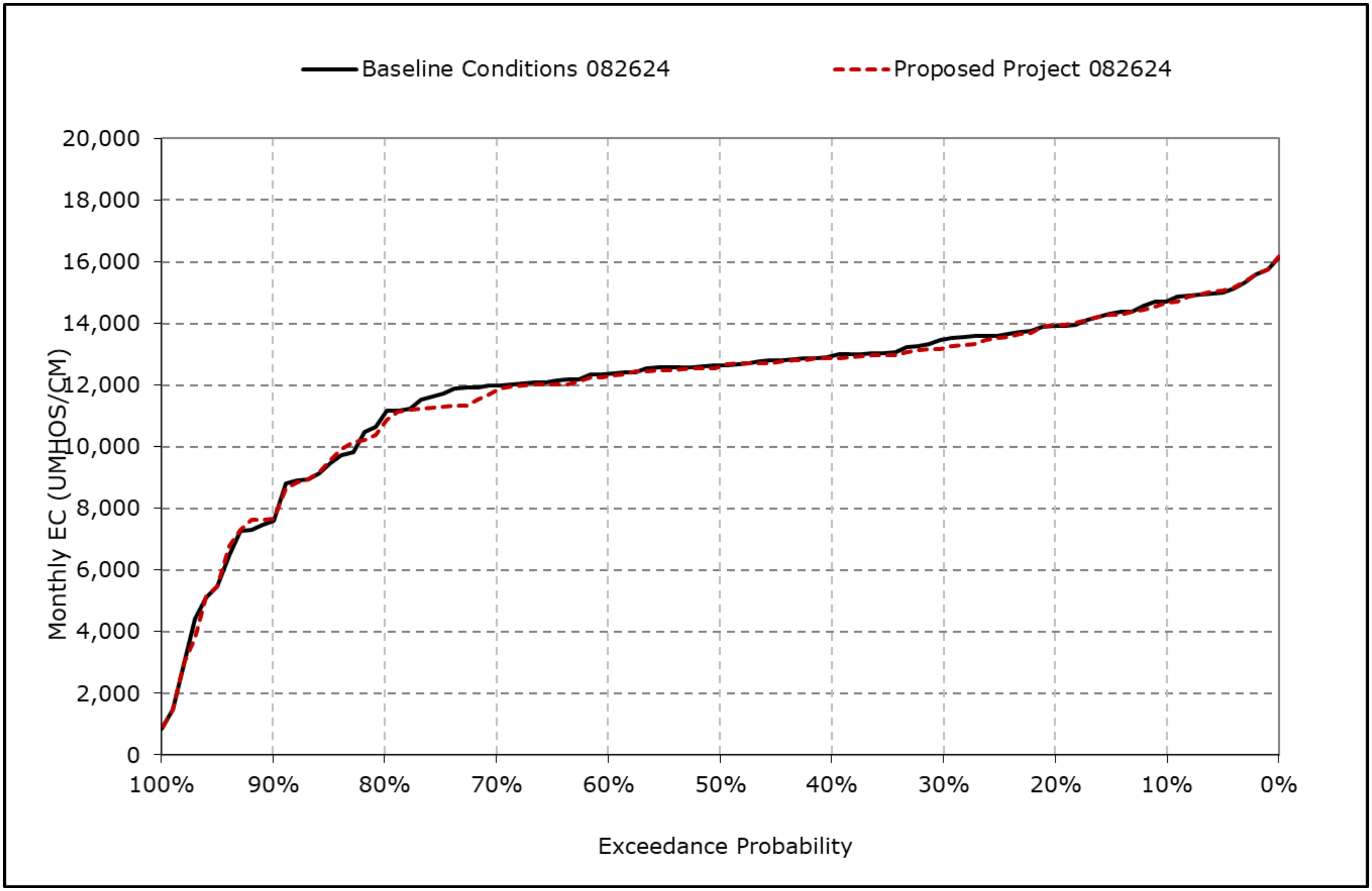
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20g. Montezuma Slough at Hunter Cut, October EC



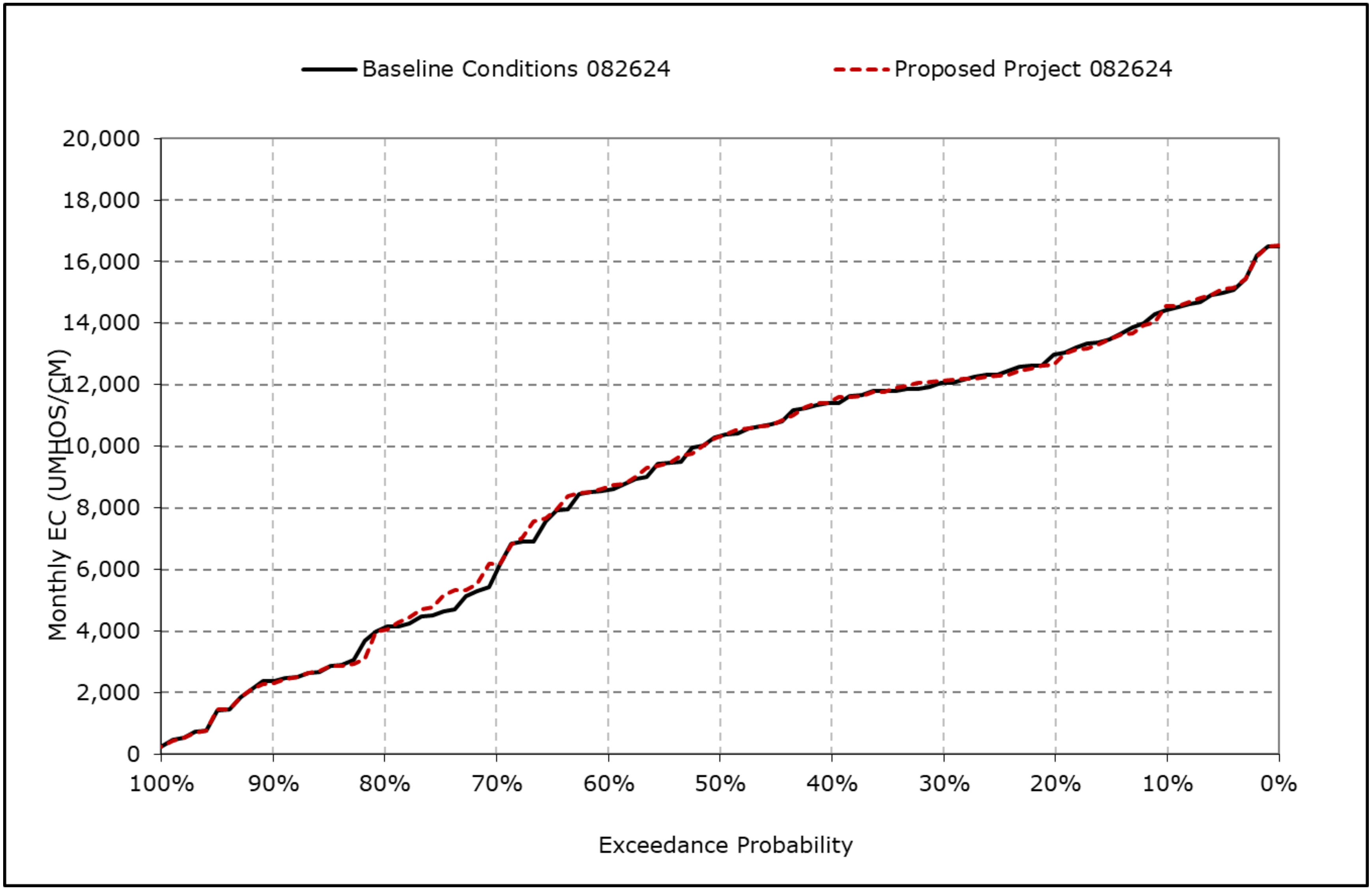
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20h. Montezuma Slough at Hunter Cut, November EC



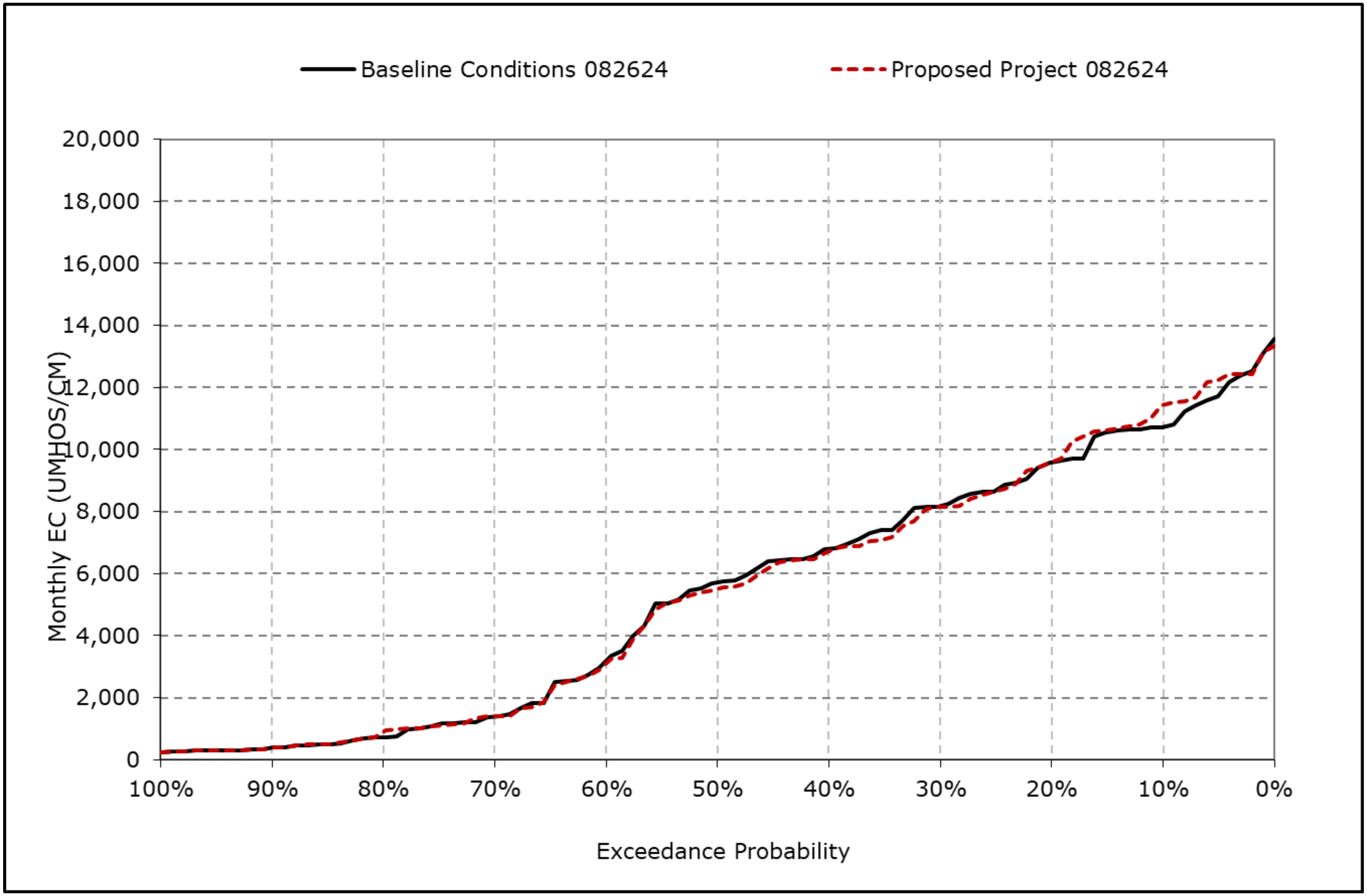
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20i. Montezuma Slough at Hunter Cut, December EC



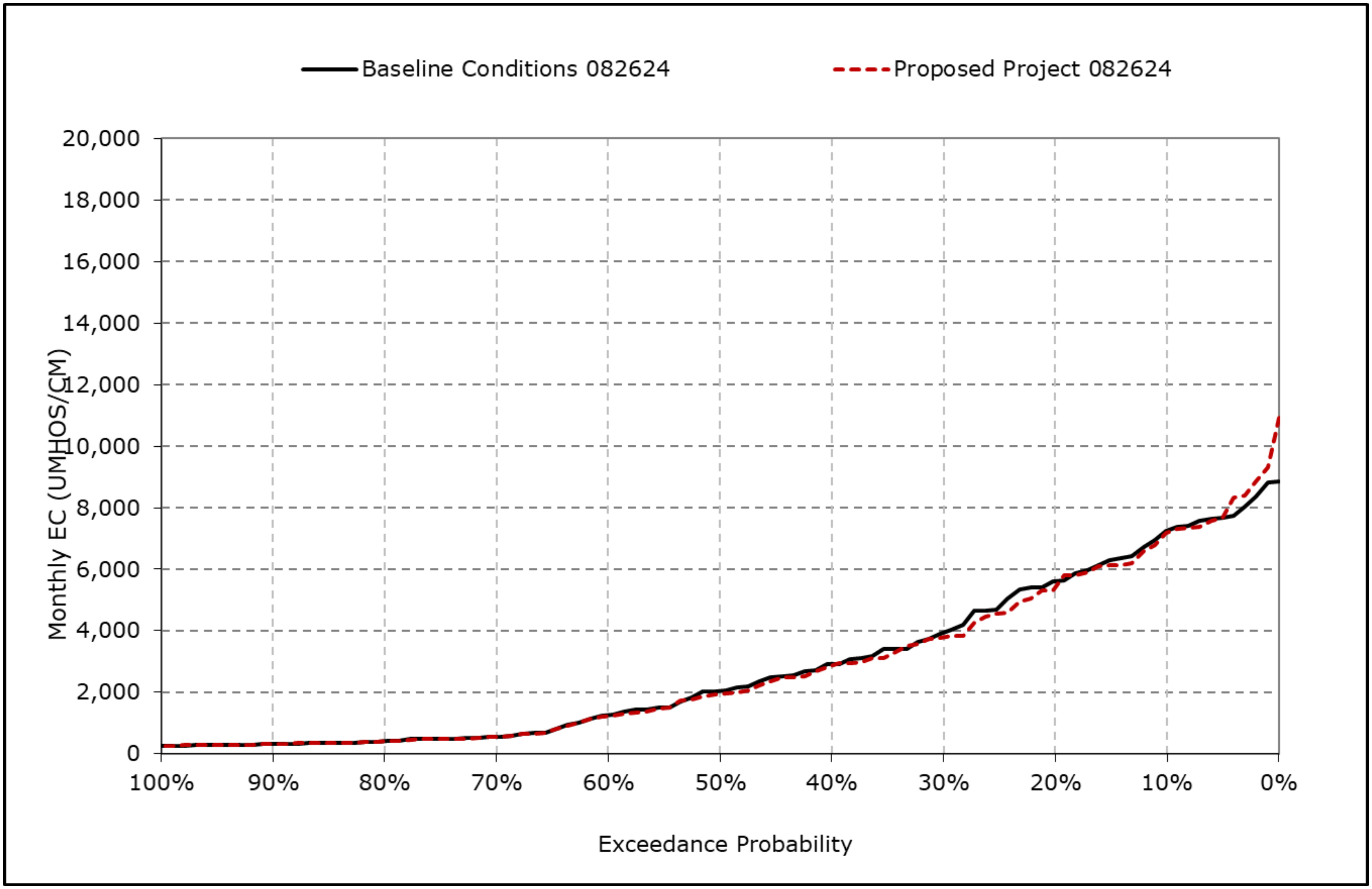
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20j. Montezuma Slough at Hunter Cut, January EC



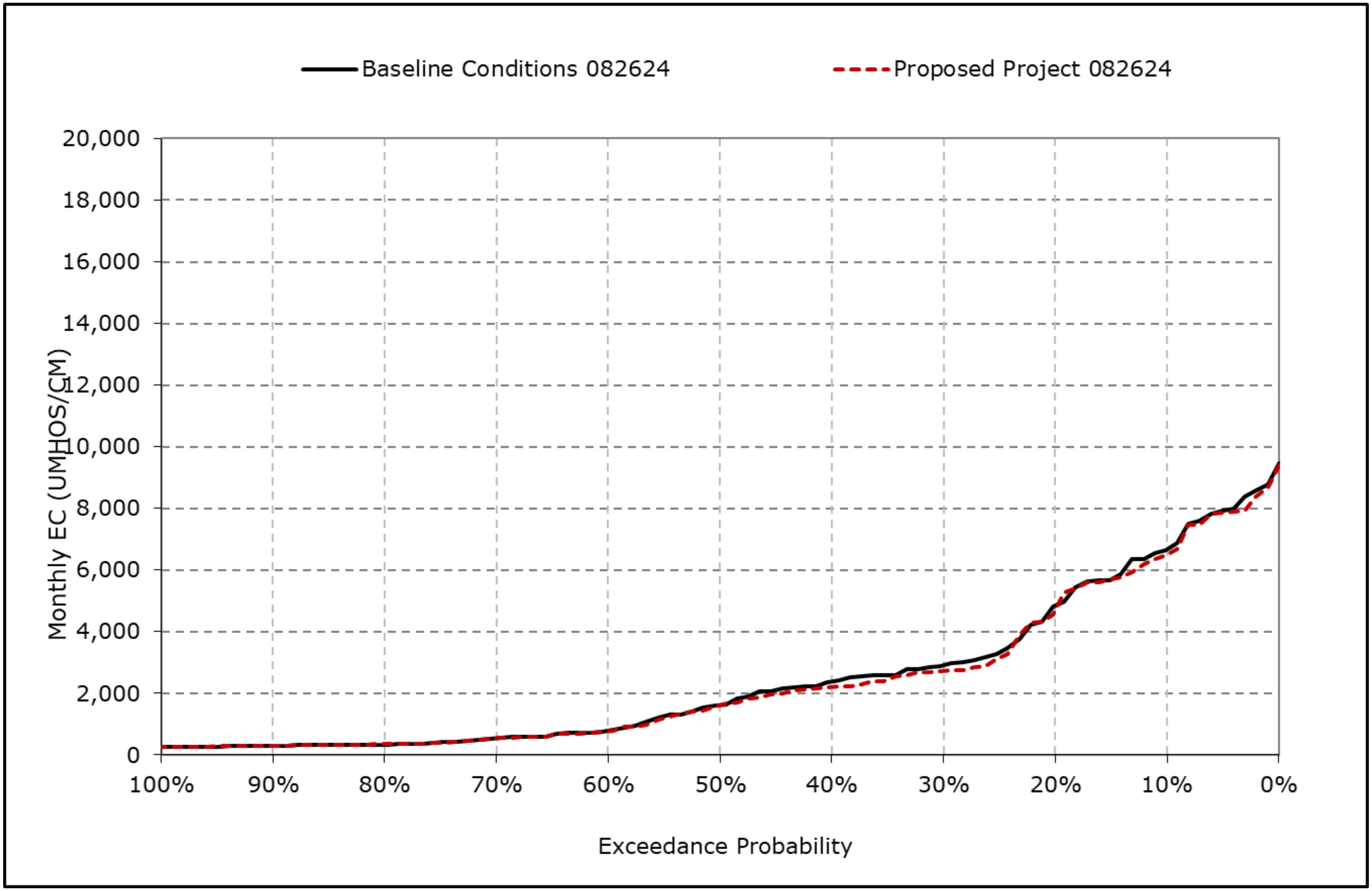
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20k. Montezuma Slough at Hunter Cut, February EC



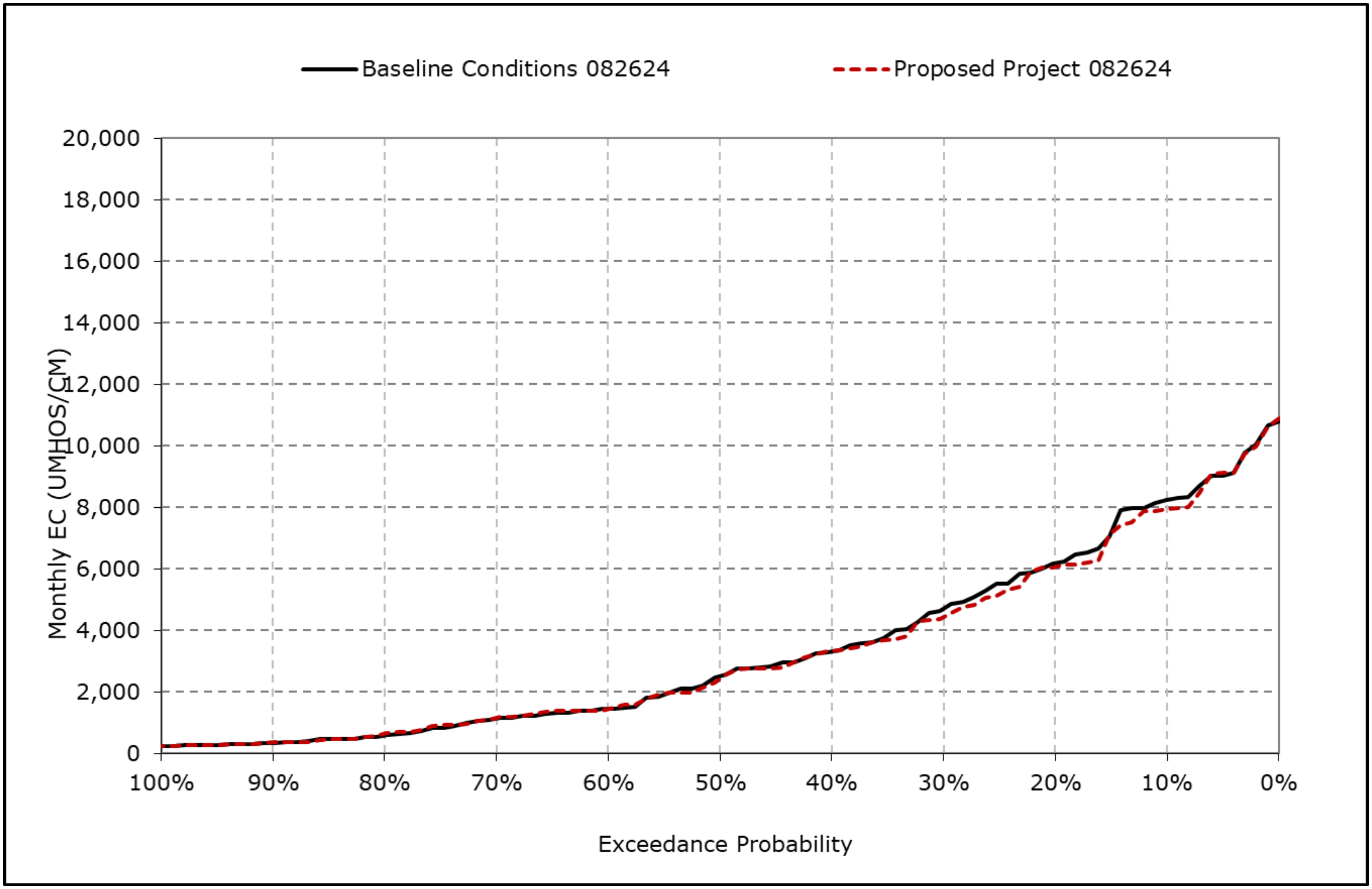
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20l. Montezuma Slough at Hunter Cut, March EC



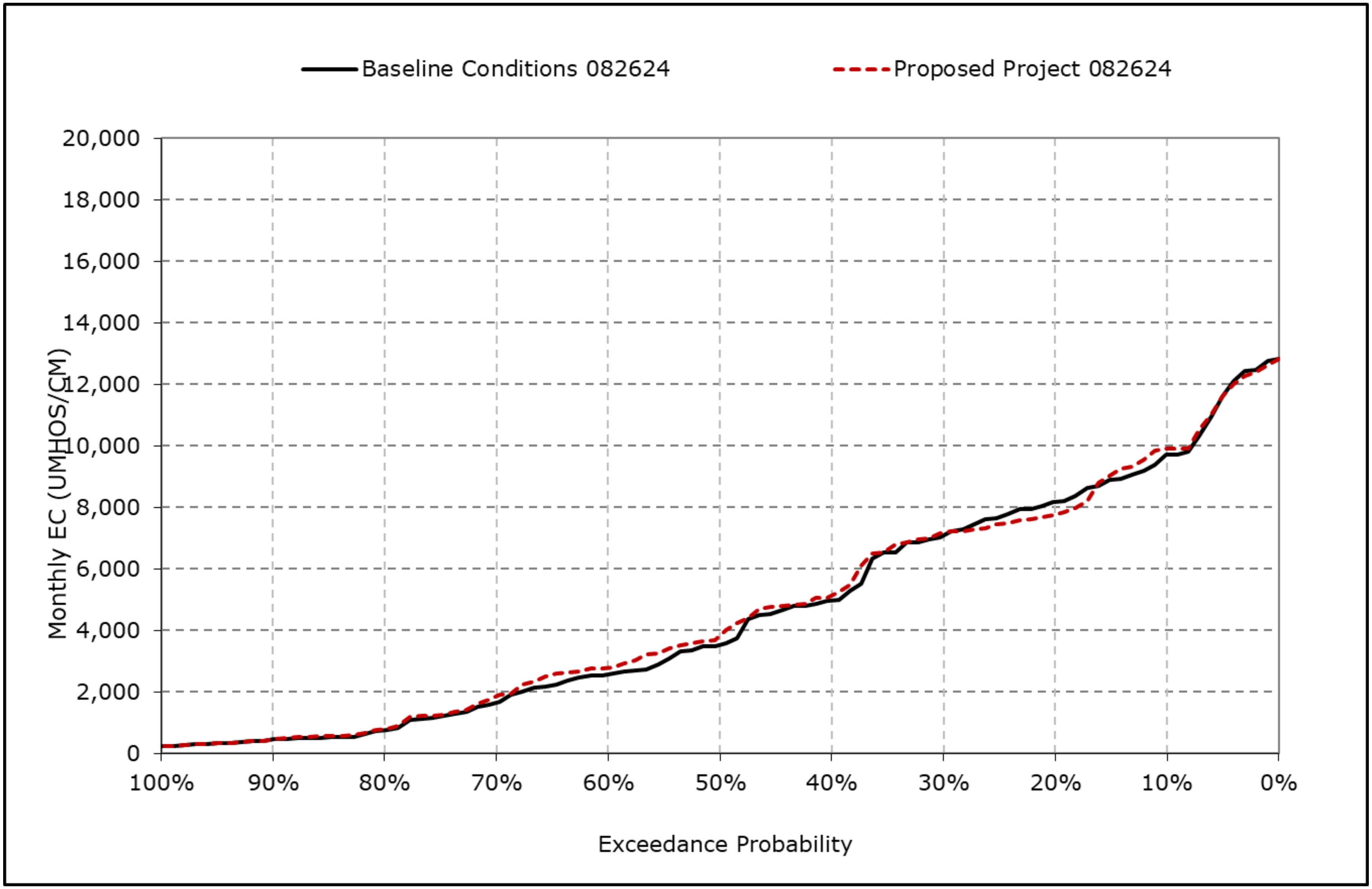
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20m. Montezuma Slough at Hunter Cut, April EC



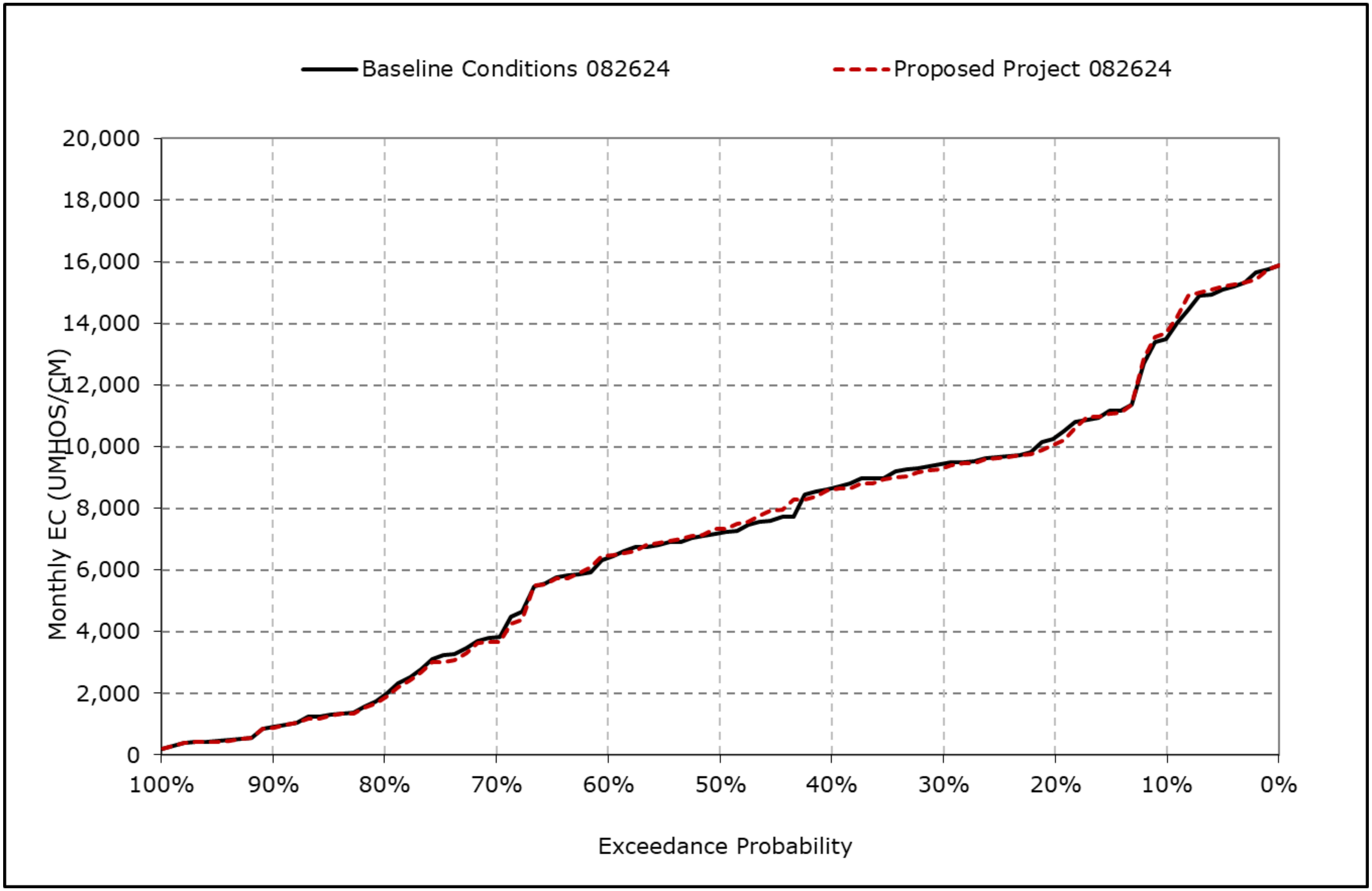
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20n. Montezuma Slough at Hunter Cut, May EC



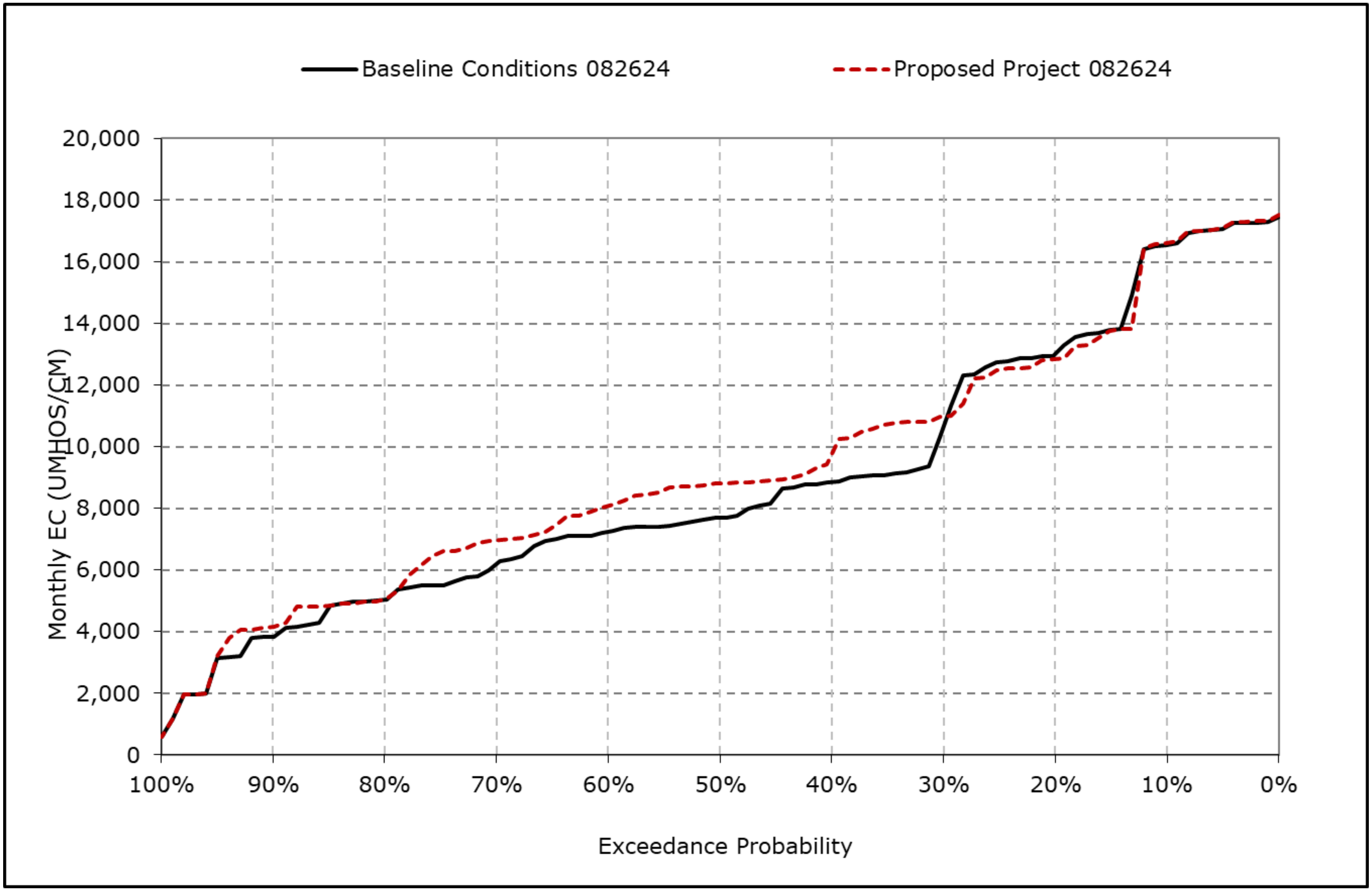
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20o. Montezuma Slough at Hunter Cut, June EC



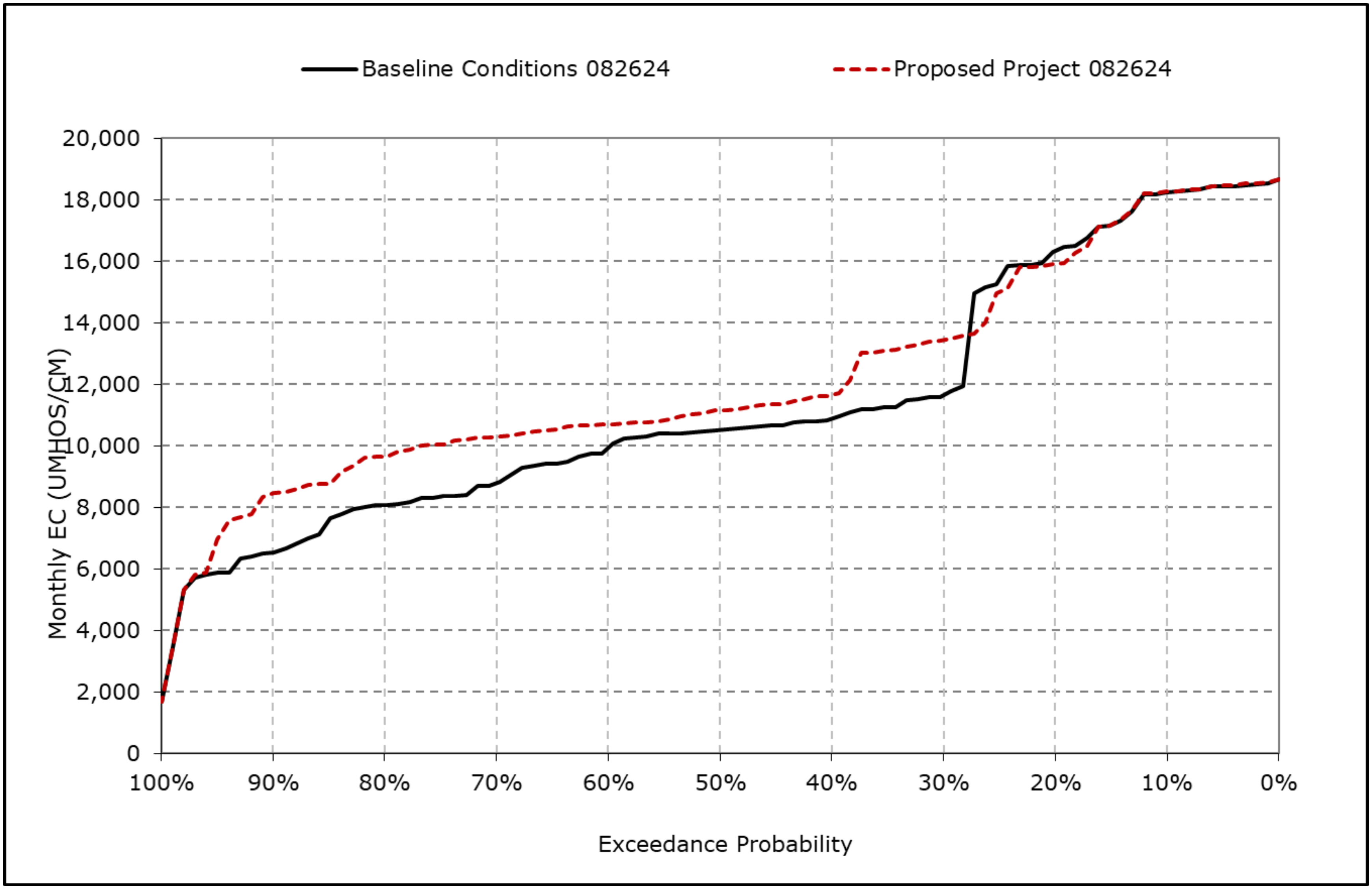
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20p. Montezuma Slough at Hunter Cut, July EC



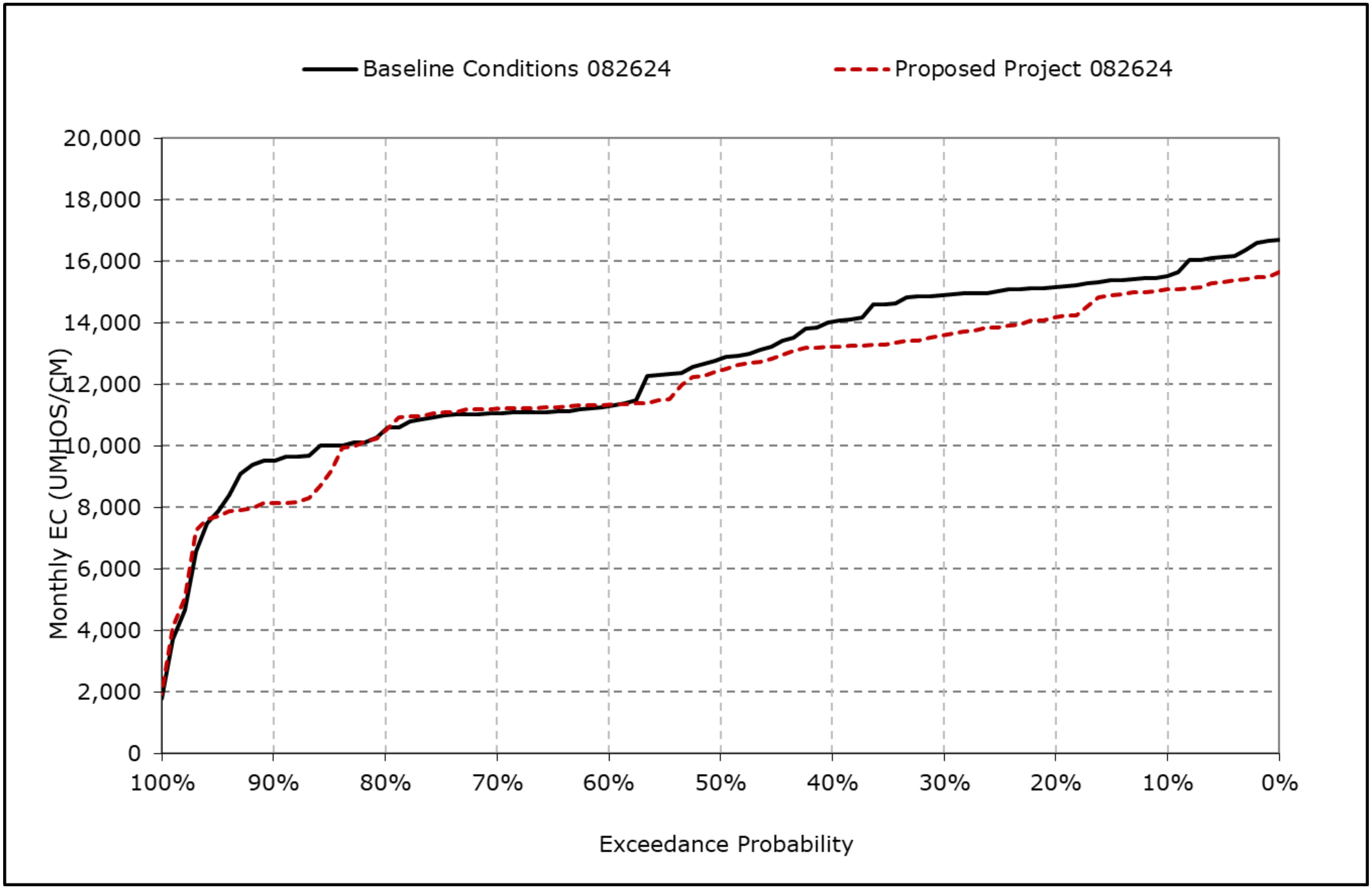
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-20q. Montezuma Slough at Hunter Cut, August EC



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

Figure 4B-6-20r. Montezuma Slough at Hunter Cut, September EC



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

Table 4B-6-21-1a. Montezuma Slough at Beldons Landing, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,638	10,543	11,979	7,871	4,233	3,888	5,885	6,832	10,300	13,687	15,582	11,106
20% Exceedance	10,840	10,031	9,351	6,732	3,286	2,606	3,548	5,825	7,882	10,196	13,066	10,725
30% Exceedance	9,872	9,787	8,230	5,790	2,250	1,655	2,480	4,961	6,729	7,334	8,329	10,293
40% Exceedance	9,401	9,561	7,630	4,539	1,677	1,257	1,829	3,146	5,456	5,267	7,585	9,793
50% Exceedance	8,756	9,214	6,891	3,498	1,070	719	1,237	2,169	4,300	4,583	6,930	9,369
60% Exceedance	8,300	8,790	5,756	1,778	605	487	740	1,332	3,612	3,504	6,379	9,181
70% Exceedance	8,075	8,378	4,246	941	375	309	525	840	1,852	3,095	5,227	8,635
80% Exceedance	7,777	7,756	2,309	506	292	267	332	380	875	2,352	4,689	7,973
90% Exceedance	7,118	4,906	1,300	284	247	240	229	237	402	1,694	3,360	6,296
Full Simulation Period Average[a]	8,994	8,624	6,427	3,681	1,686	1,478	2,070	3,105	4,826	5,992	8,166	9,101
Wet Water Years (32%)	8,257	7,407	3,828	1,115	344	295	400	706	1,471	3,418	6,391	7,952
Above Normal Years (9%)	8,785	8,691	7,296	3,695	1,002	534	663	1,169	2,545	1,929	3,232	6,434
Below Normal Years (20%)	8,733	8,822	7,321	3,779	1,560	1,231	1,414	2,310	4,220	3,357	5,042	10,315
Dry Water Years (21%)	9,234	9,199	7,344	5,693	2,729	2,268	3,176	4,664	6,617	7,985	9,796	9,437
Critical Water Years (18%)	10,421	9,865	8,550	5,778	3,339	3,408	5,180	7,403	10,516	13,205	15,359	10,737

Table 4B-6-21-1b. Montezuma Slough at Beldons Landing, Proposed Project 082624, Monthly EC (UMHOS/CM)

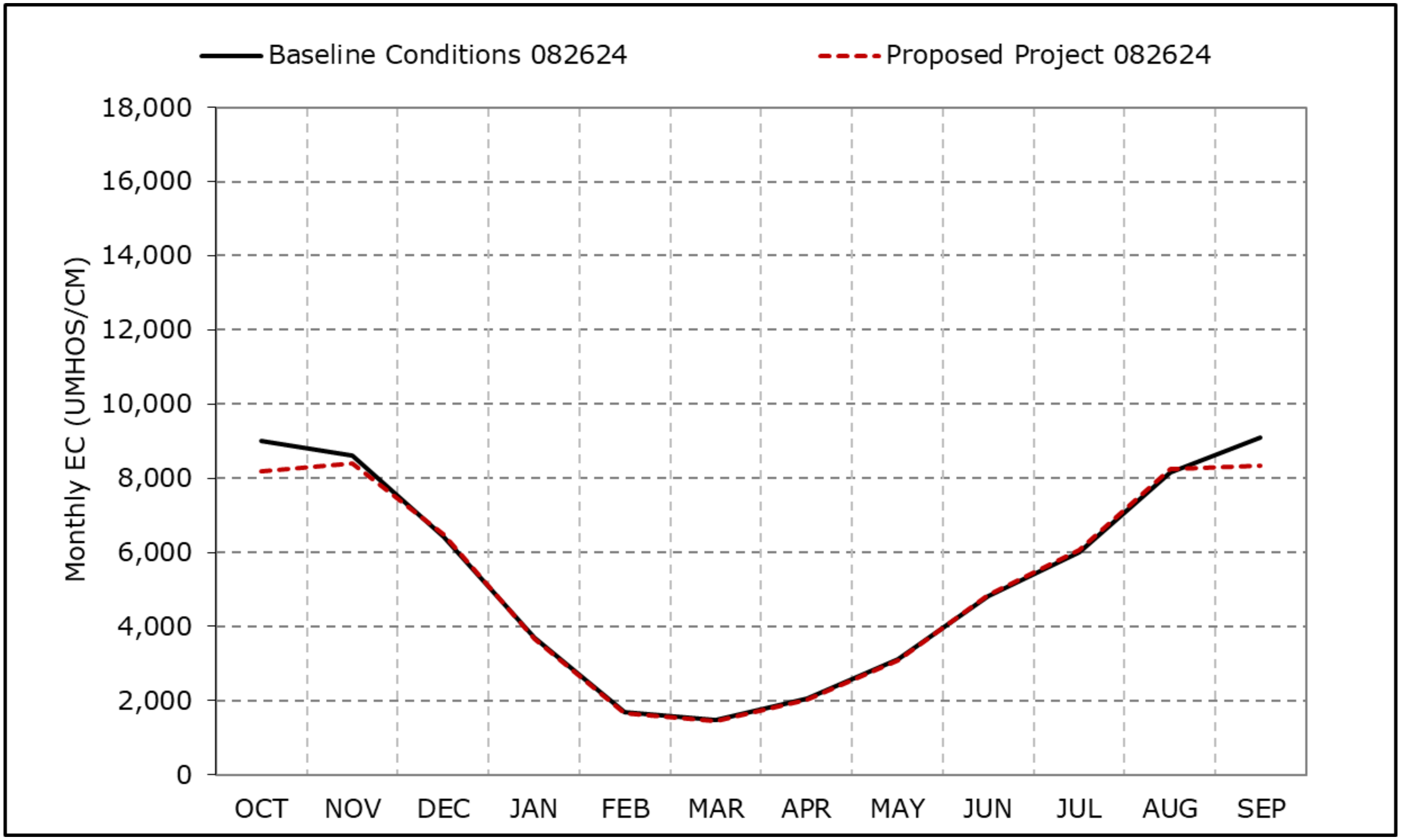
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,013	10,554	11,767	8,001	3,846	3,862	5,551	6,965	10,569	13,783	15,619	10,723
20% Exceedance	10,220	10,030	9,400	6,754	3,197	2,461	3,552	5,508	7,675	9,979	12,869	9,851
30% Exceedance	9,515	9,773	8,161	5,743	2,107	1,551	2,290	4,878	6,677	6,938	8,245	9,536
40% Exceedance	9,102	9,425	7,713	4,449	1,512	1,177	1,744	3,309	5,503	5,786	7,941	9,399
50% Exceedance	8,461	8,980	6,855	3,333	1,115	695	1,199	2,336	4,334	4,417	7,598	9,254
60% Exceedance	8,225	8,558	5,737	1,758	595	479	741	1,452	3,702	4,181	6,765	8,630
70% Exceedance	7,972	7,897	4,640	965	373	310	542	873	1,871	3,243	5,332	8,009
80% Exceedance	7,622	7,201	2,481	561	291	266	344	388	857	2,362	4,872	6,906
90% Exceedance	2,741	4,936	1,295	282	247	240	229	239	387	1,753	3,868	3,629
Full Simulation Period Average[a]	8,177	8,403	6,483	3,673	1,651	1,434	2,012	3,097	4,833	6,050	8,254	8,330
Wet Water Years (32%)	7,636	7,166	4,018	1,295	350	297	422	788	1,505	3,327	6,526	8,237
Above Normal Years (9%)	8,078	8,406	7,282	3,175	859	509	648	1,240	2,612	2,250	3,770	3,469
Below Normal Years (20%)	7,857	8,598	7,486	3,787	1,552	1,167	1,328	2,369	4,195	3,873	5,133	7,523
Dry Water Years (21%)	8,462	9,059	7,210	5,369	2,486	2,099	2,929	4,432	6,500	7,717	9,665	9,255
Critical Water Years (18%)	9,211	9,619	8,501	6,045	3,494	3,440	5,211	7,382	10,623	13,264	15,387	10,743

Table 4B-6-21-1c. Montezuma Slough at Beldons Landing, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-625	12	-212	129	-388	-27	-335	133	269	96	38	-383
20% Exceedance	-620	-1	48	22	-89	-146	4	-317	-207	-216	-197	-874
30% Exceedance	-357	-13	-69	-47	-142	-103	-190	-83	-52	-396	-84	-757
40% Exceedance	-299	-136	84	-89	-165	-80	-85	164	46	519	356	-394
50% Exceedance	-294	-234	-36	-165	45	-24	-38	167	34	-166	668	-115
60% Exceedance	-75	-232	-19	-20	-10	-8	0	120	90	678	386	-551
70% Exceedance	-103	-481	394	24	-1	0	17	33	19	148	106	-625
80% Exceedance	-156	-554	171	55	-1	-1	12	9	-18	10	183	-1,067
90% Exceedance	-4,377	30	-5	-1	0	0	-1	2	-15	59	508	-2,668
Full Simulation Period Average[a]	-817	-221	55	-8	-35	-44	-58	-8	6	57	87	-772
Wet Water Years (32%)	-621	-241	190	180	7	2	21	82	33	-91	135	284
Above Normal Years (9%)	-707	-285	-14	-521	-143	-24	-16	71	67	322	538	-2,965
Below Normal Years (20%)	-876	-224	165	9	-8	-65	-86	59	-25	515	92	-2,792
Dry Water Years (21%)	-771	-140	-134	-324	-244	-170	-246	-233	-117	-269	-132	-183
Critical Water Years (18%)	-1,210	-246	-49	267	156	33	31	-21	107	60	28	6

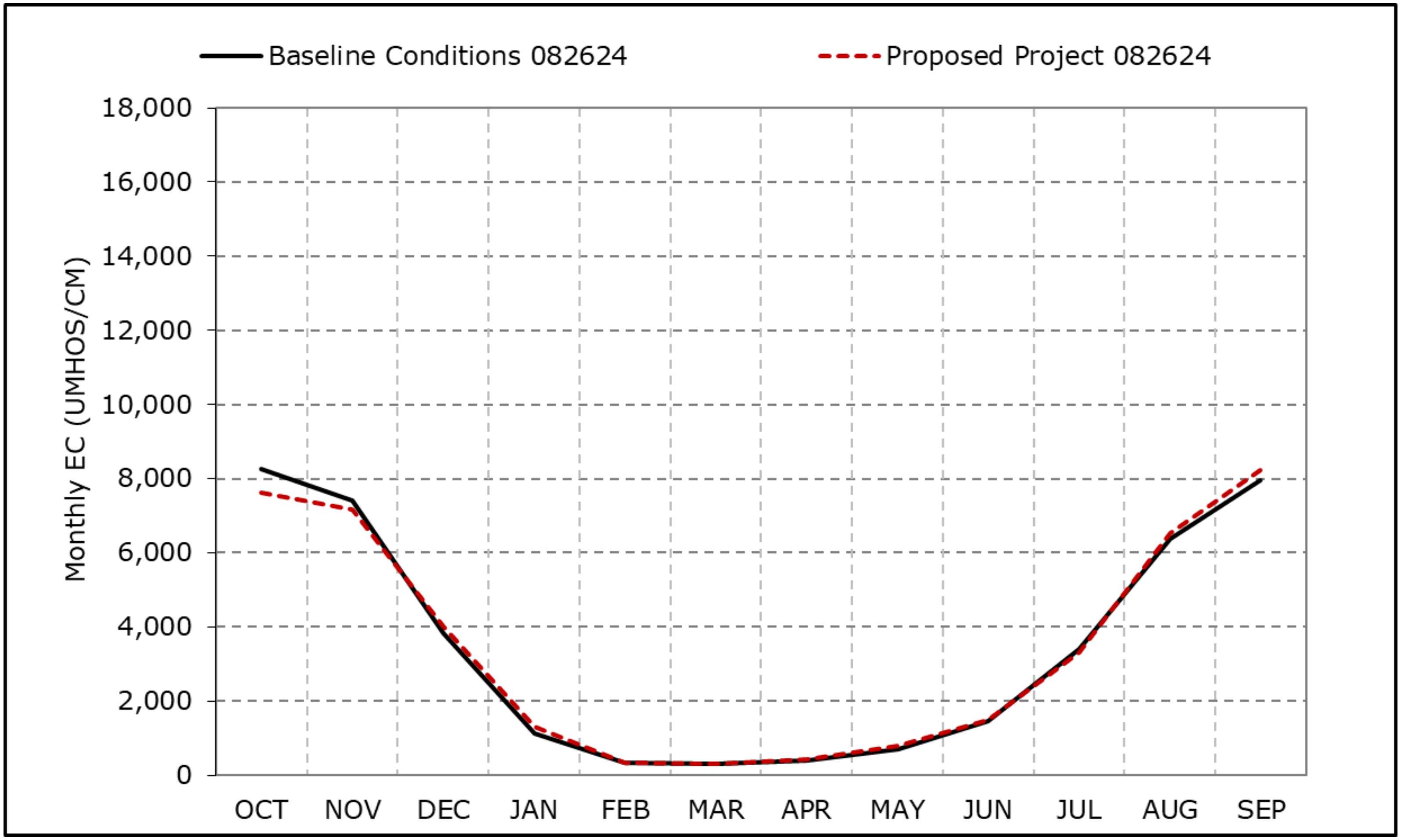
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-21a. Montezuma Slough at Beldons Landing, Long-Term Average EC



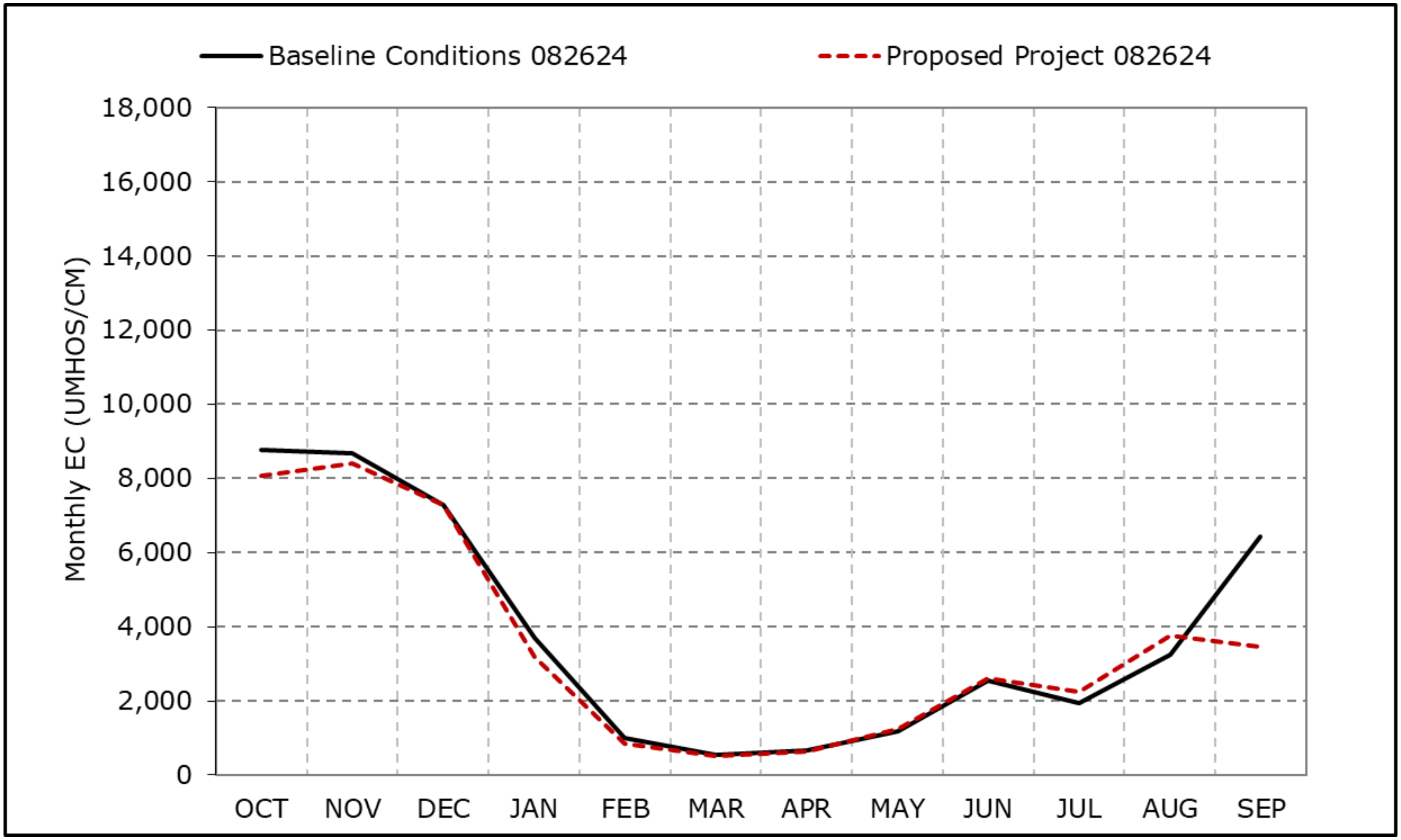
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21b. Montezuma Slough at Beldons Landing, Wet Year Average EC



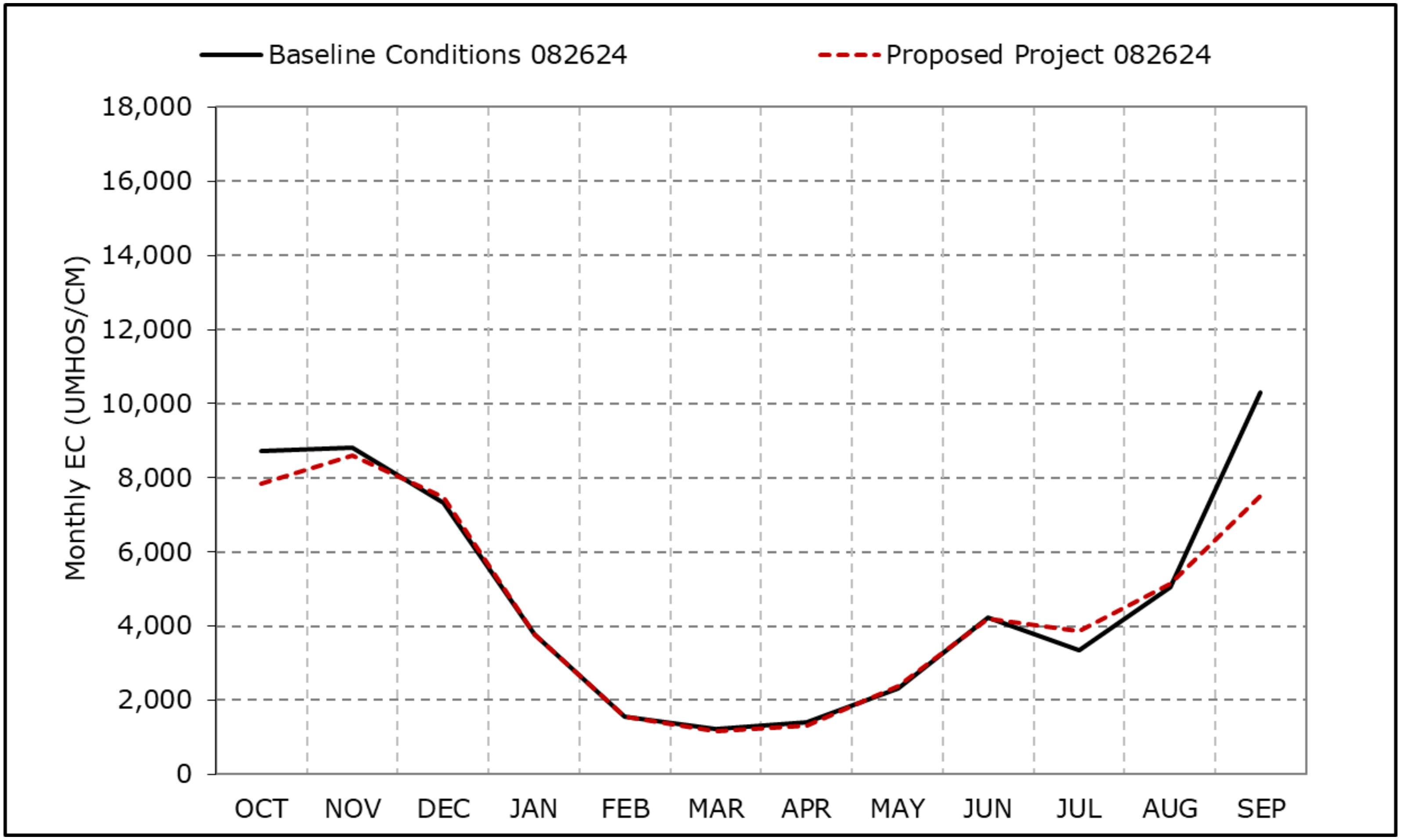
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21c. Montezuma Slough at Beldons Landing, Above Normal Year Average EC



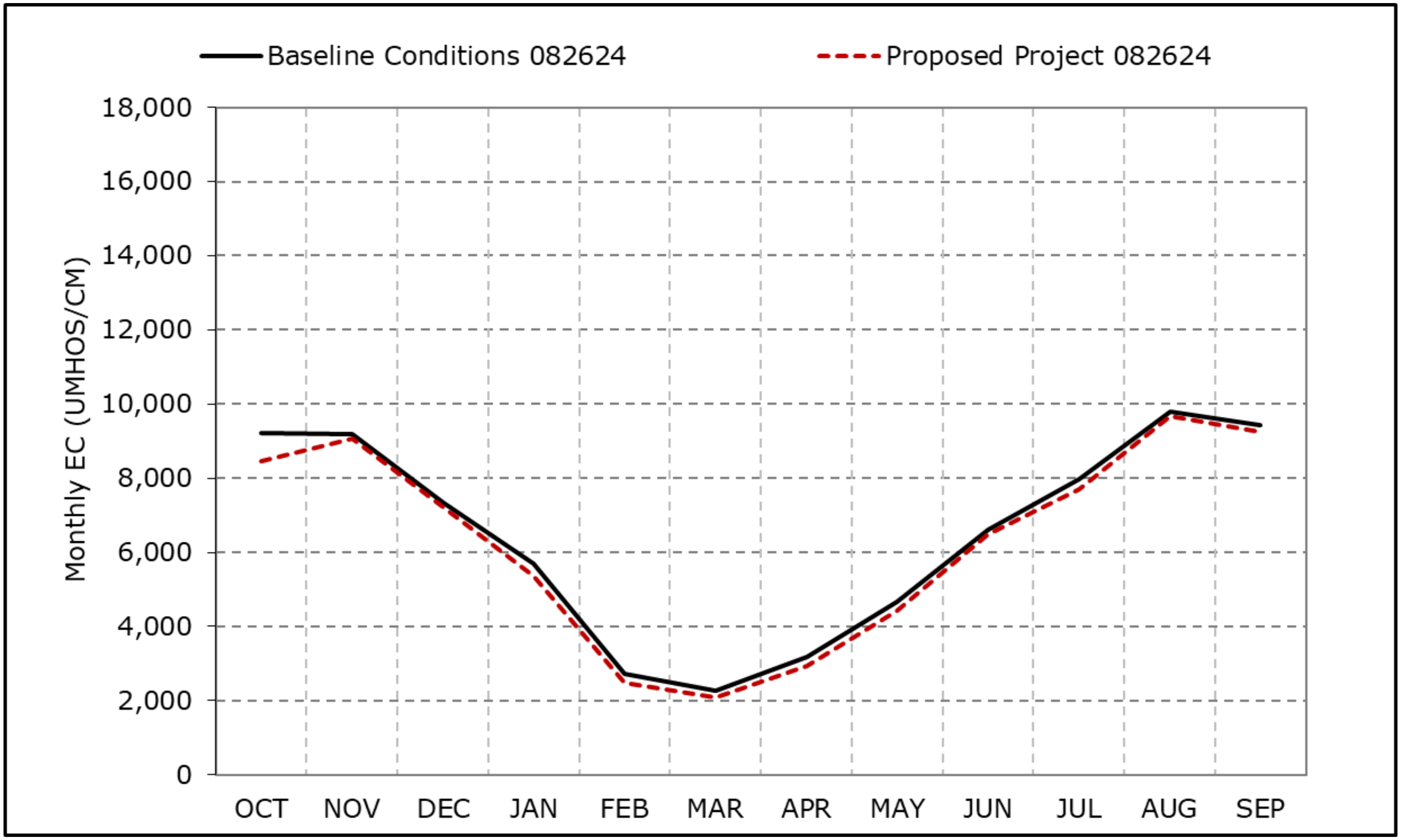
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21d. Montezuma Slough at Beldons Landing, Below Normal Year Average EC



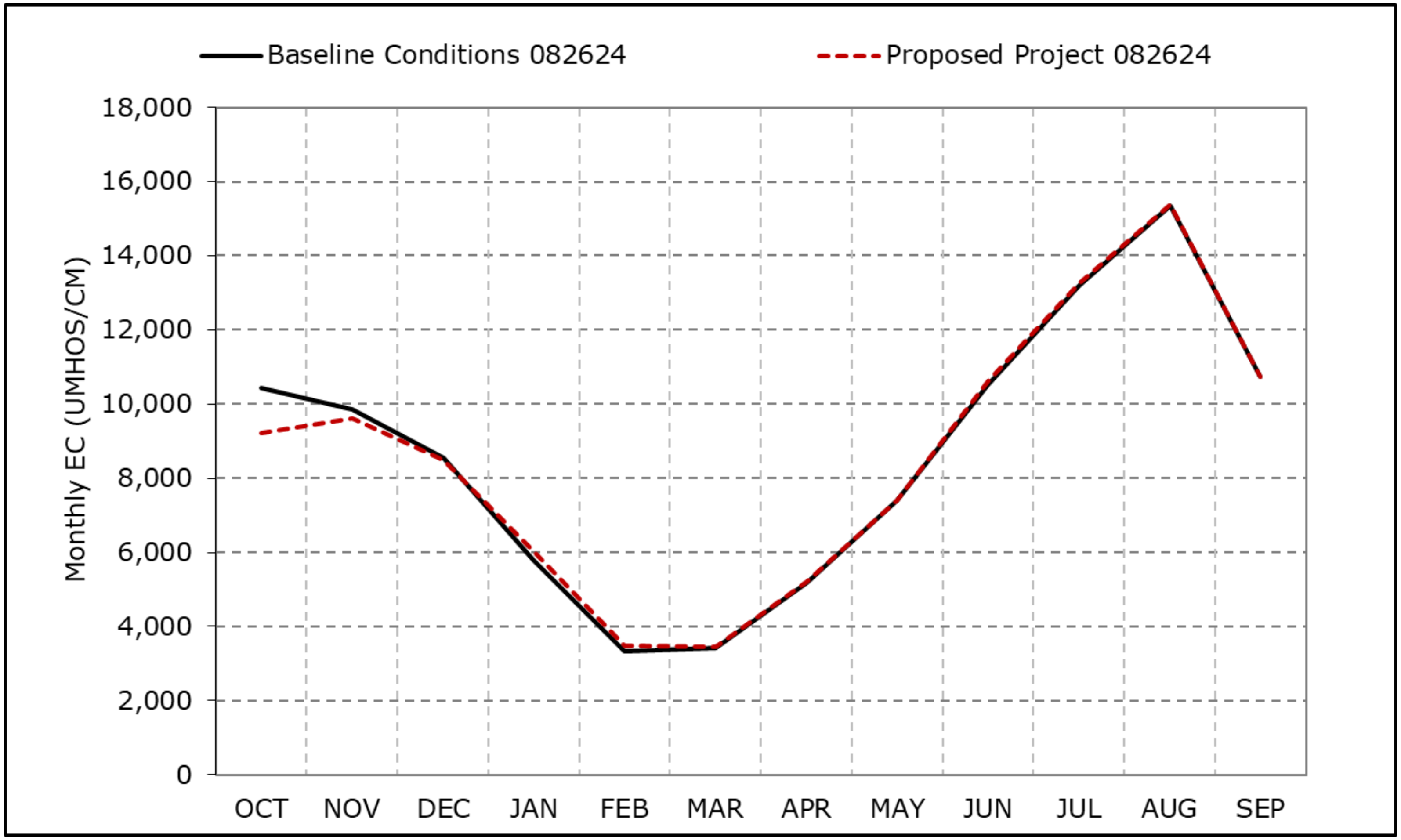
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21e. Montezuma Slough at Beldons Landing, Dry Year Average EC



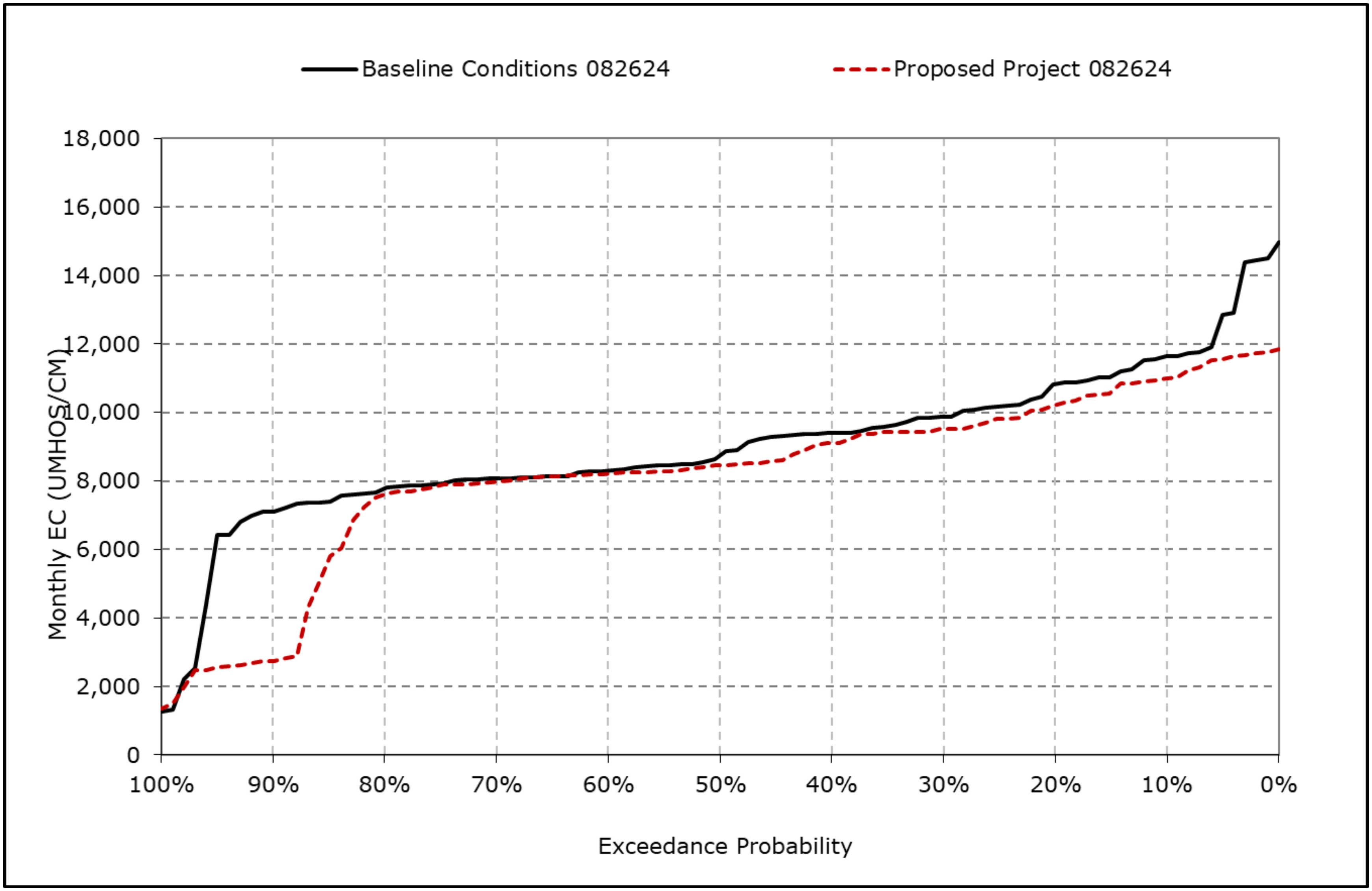
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21f. Montezuma Slough at Beldons Landing, Critical Year Average EC



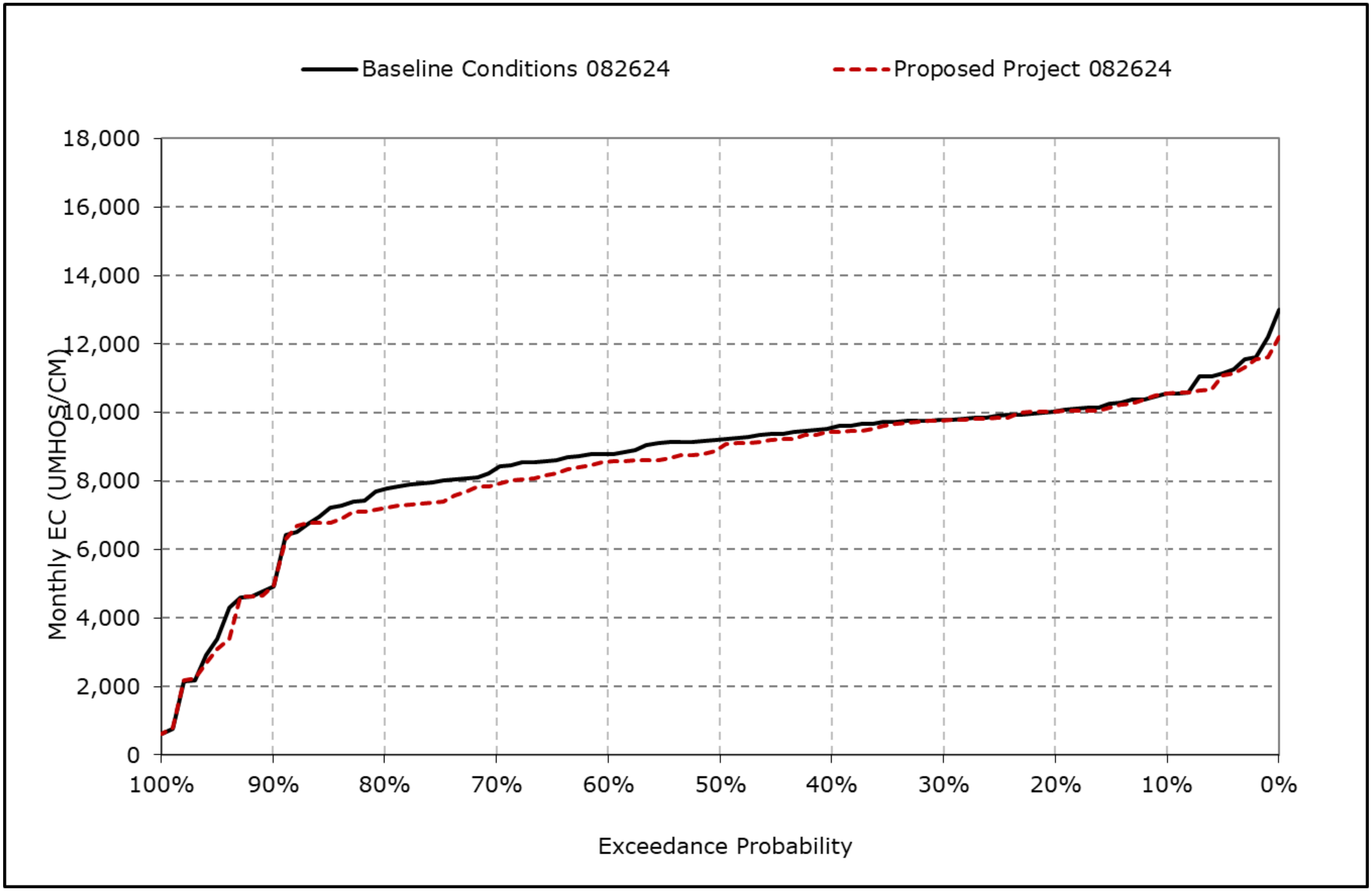
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21g. Montezuma Slough at Beldons Landing, October EC



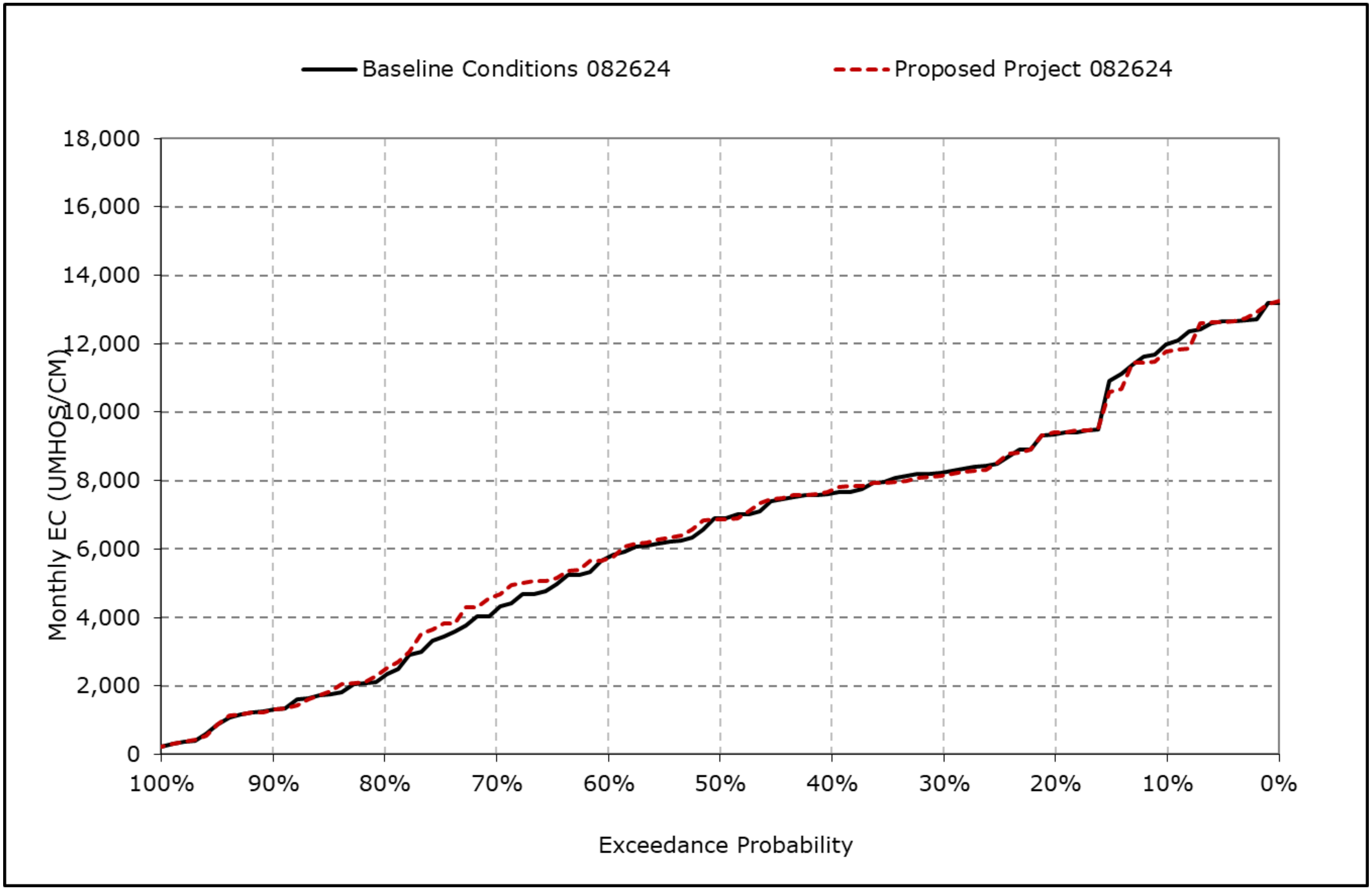
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21h. Montezuma Slough at Beldons Landing, November EC



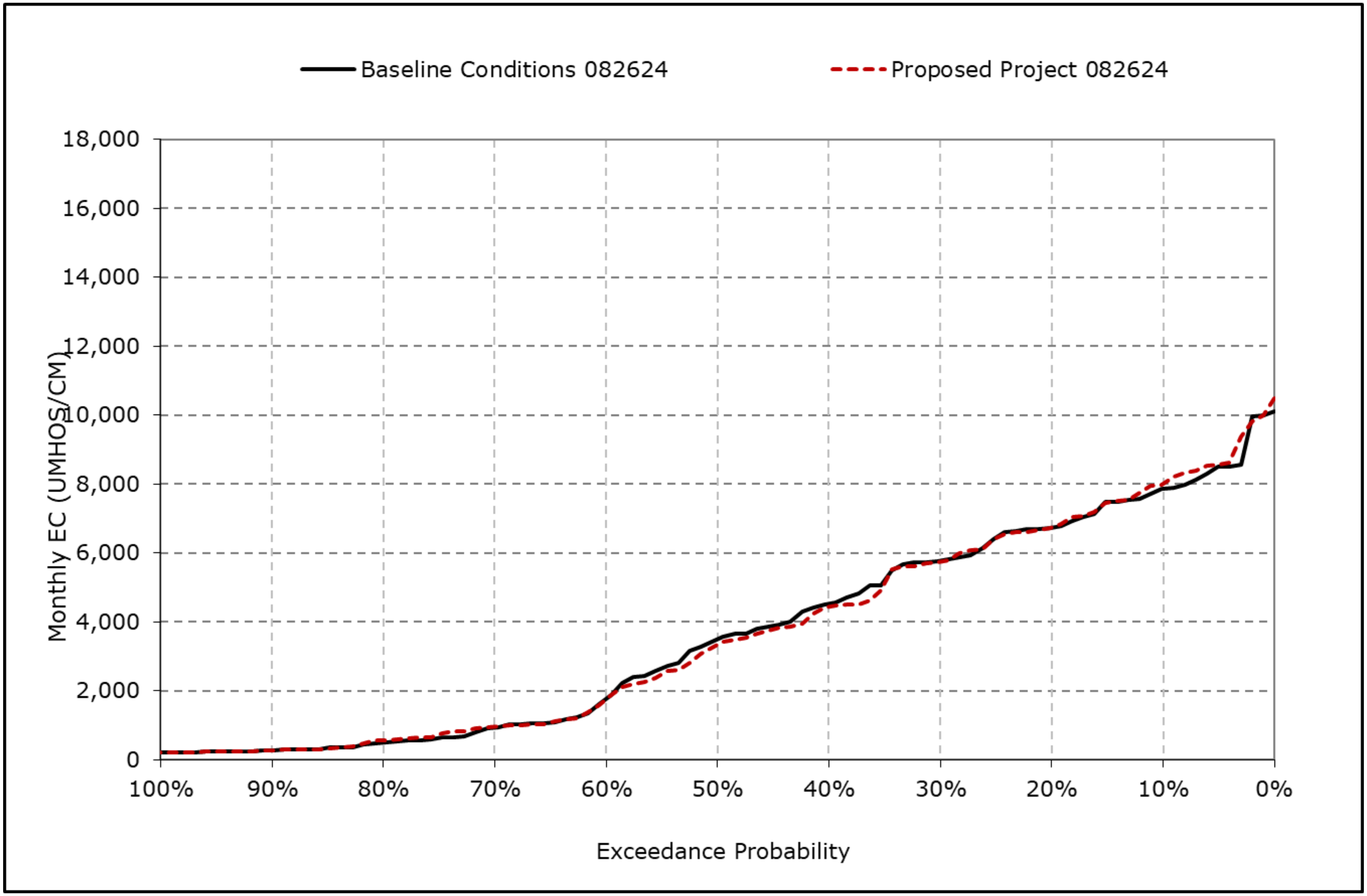
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21i. Montezuma Slough at Beldons Landing, December EC



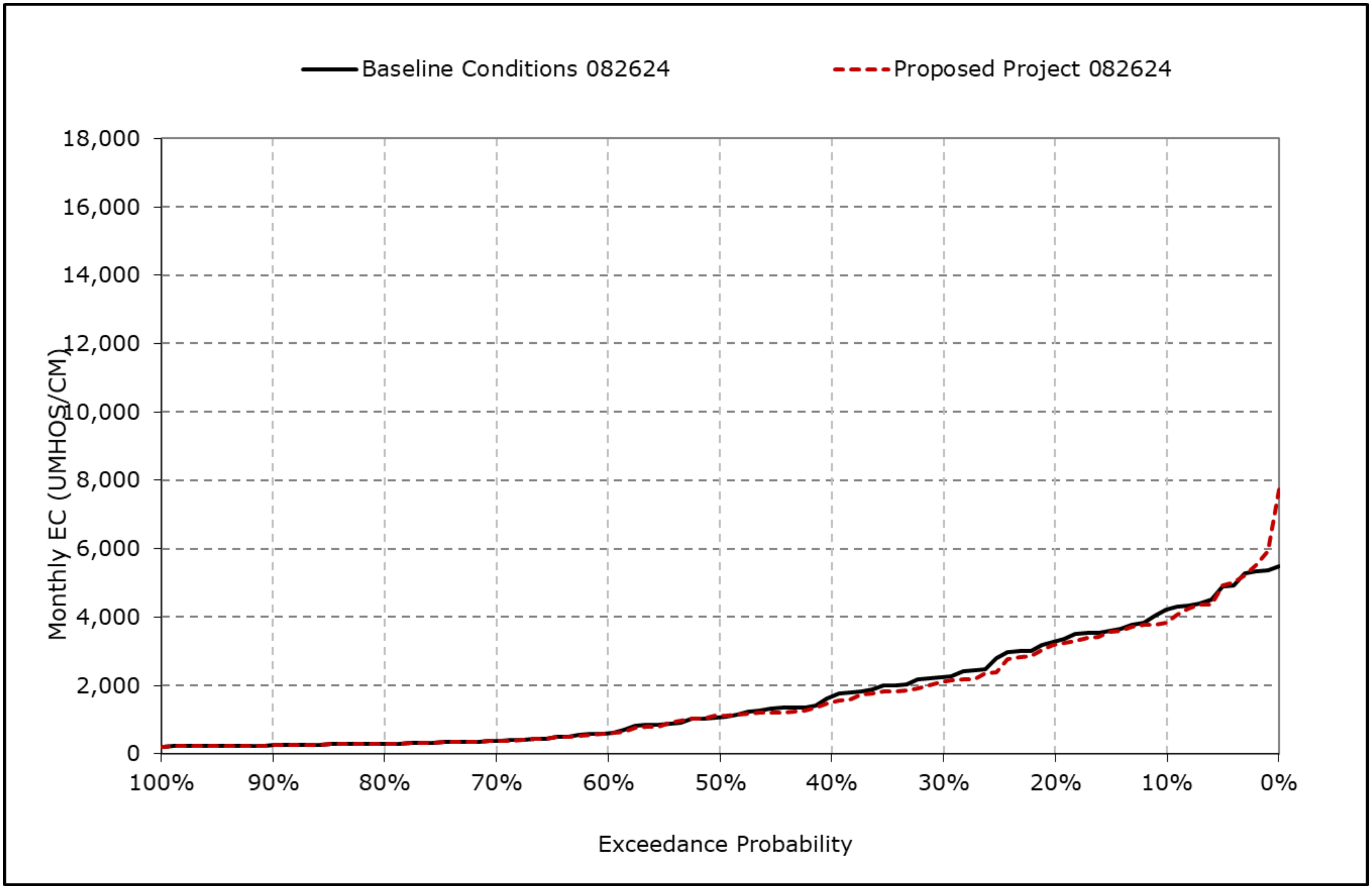
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21j. Montezuma Slough at Beldons Landing, January EC



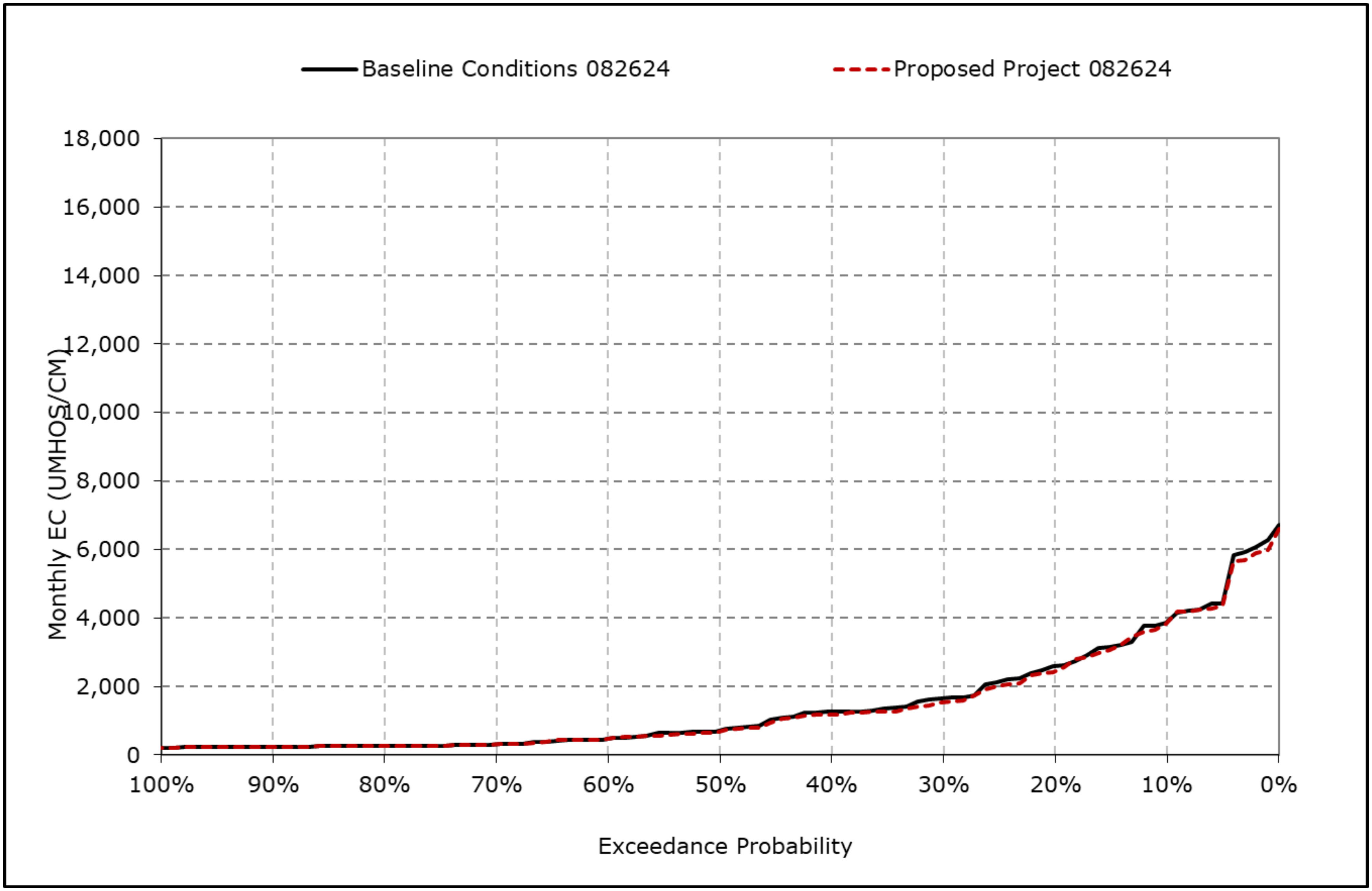
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21k. Montezuma Slough at Beldons Landing, February EC



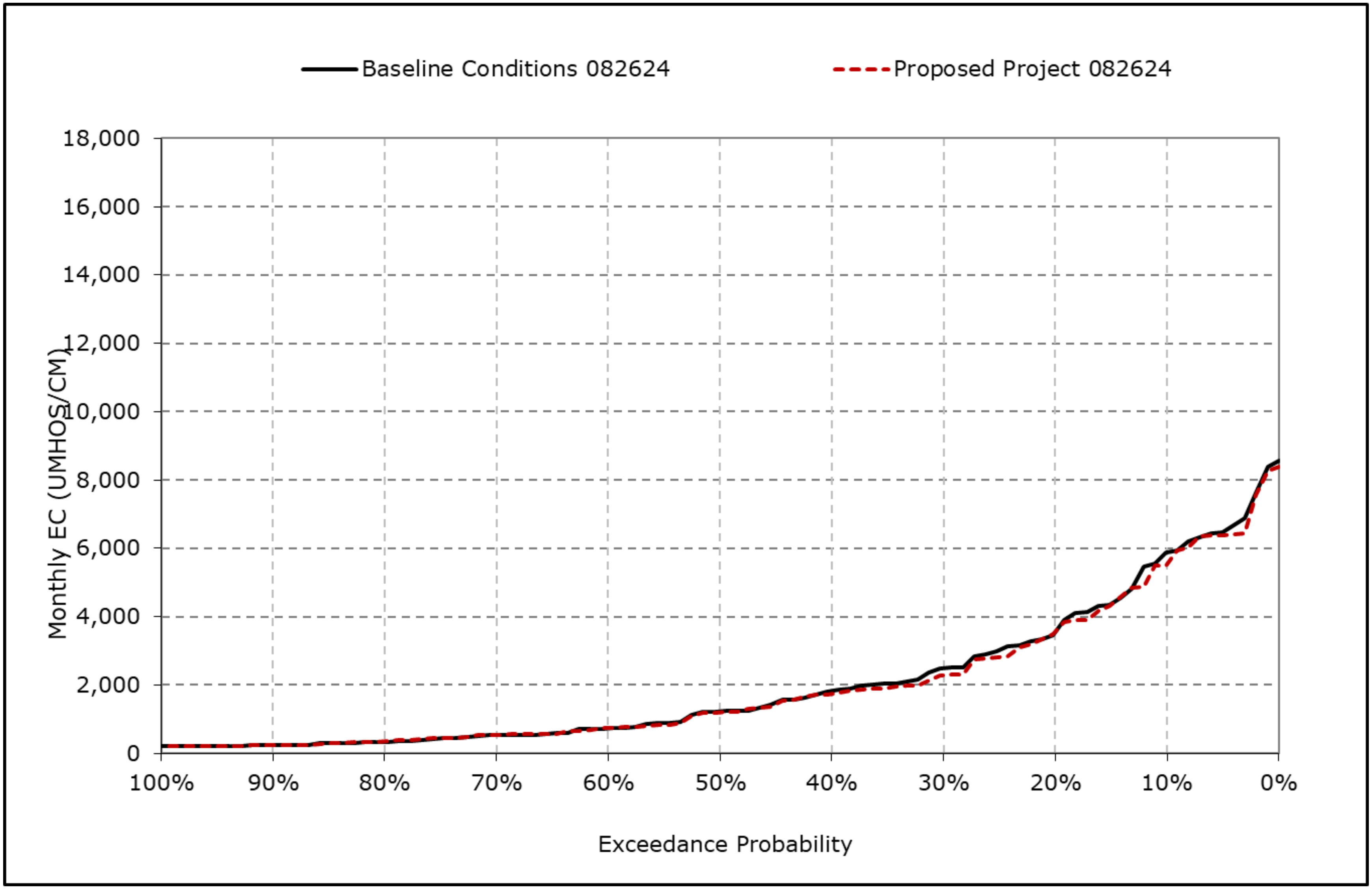
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21l. Montezuma Slough at Beldons Landing, March EC



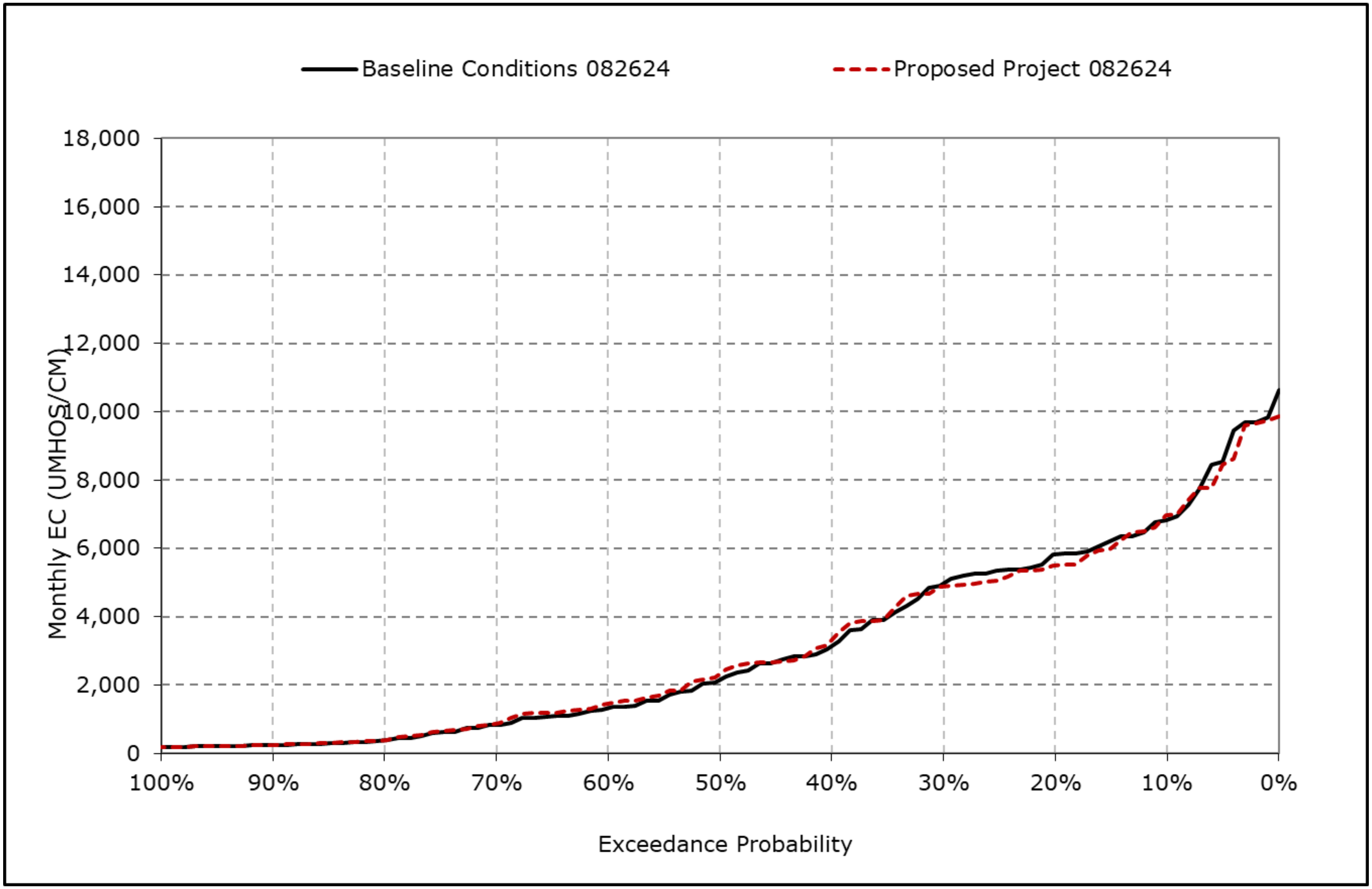
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21m. Montezuma Slough at Beldons Landing, April EC



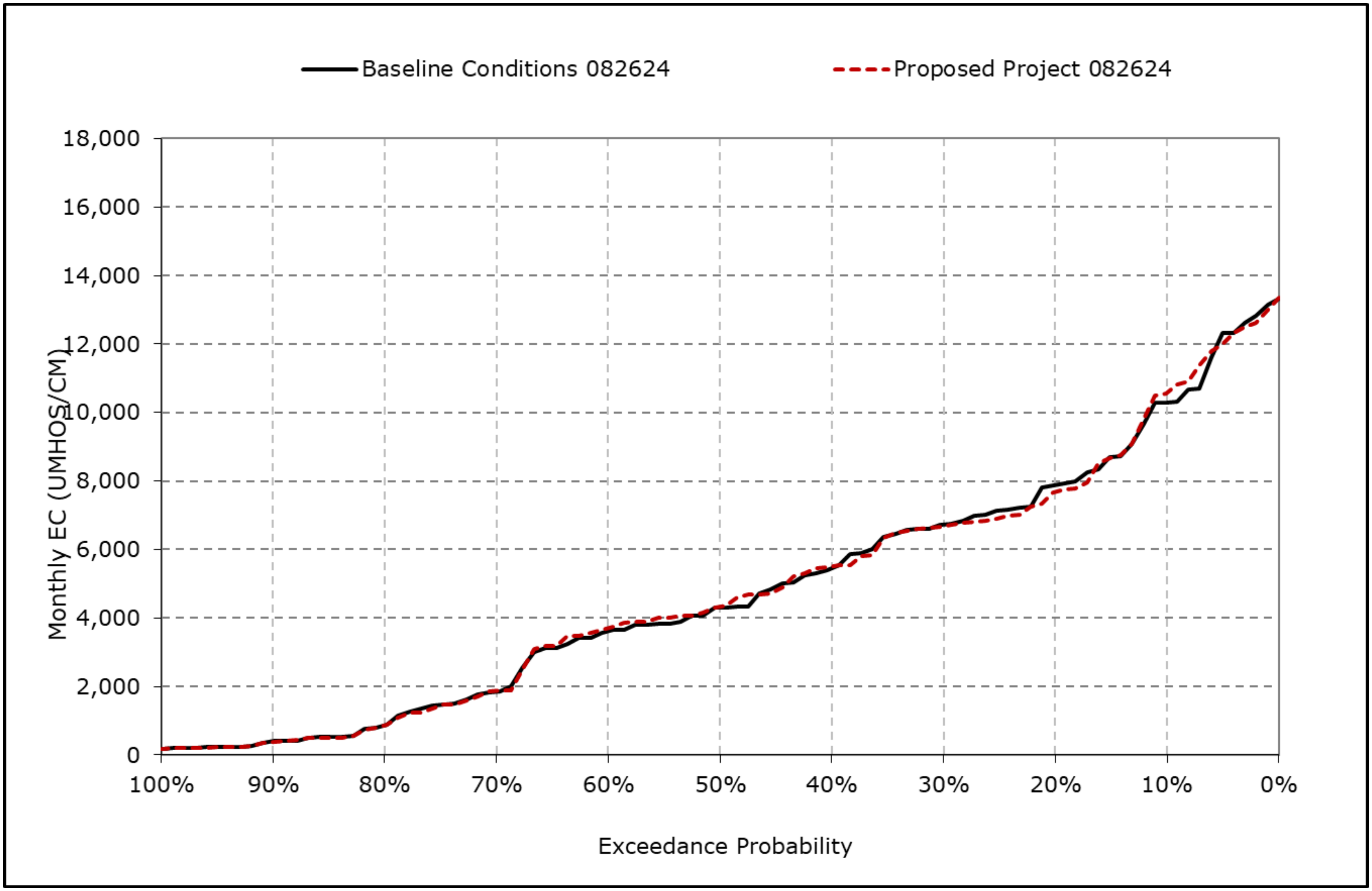
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21n. Montezuma Slough at Beldons Landing, May EC



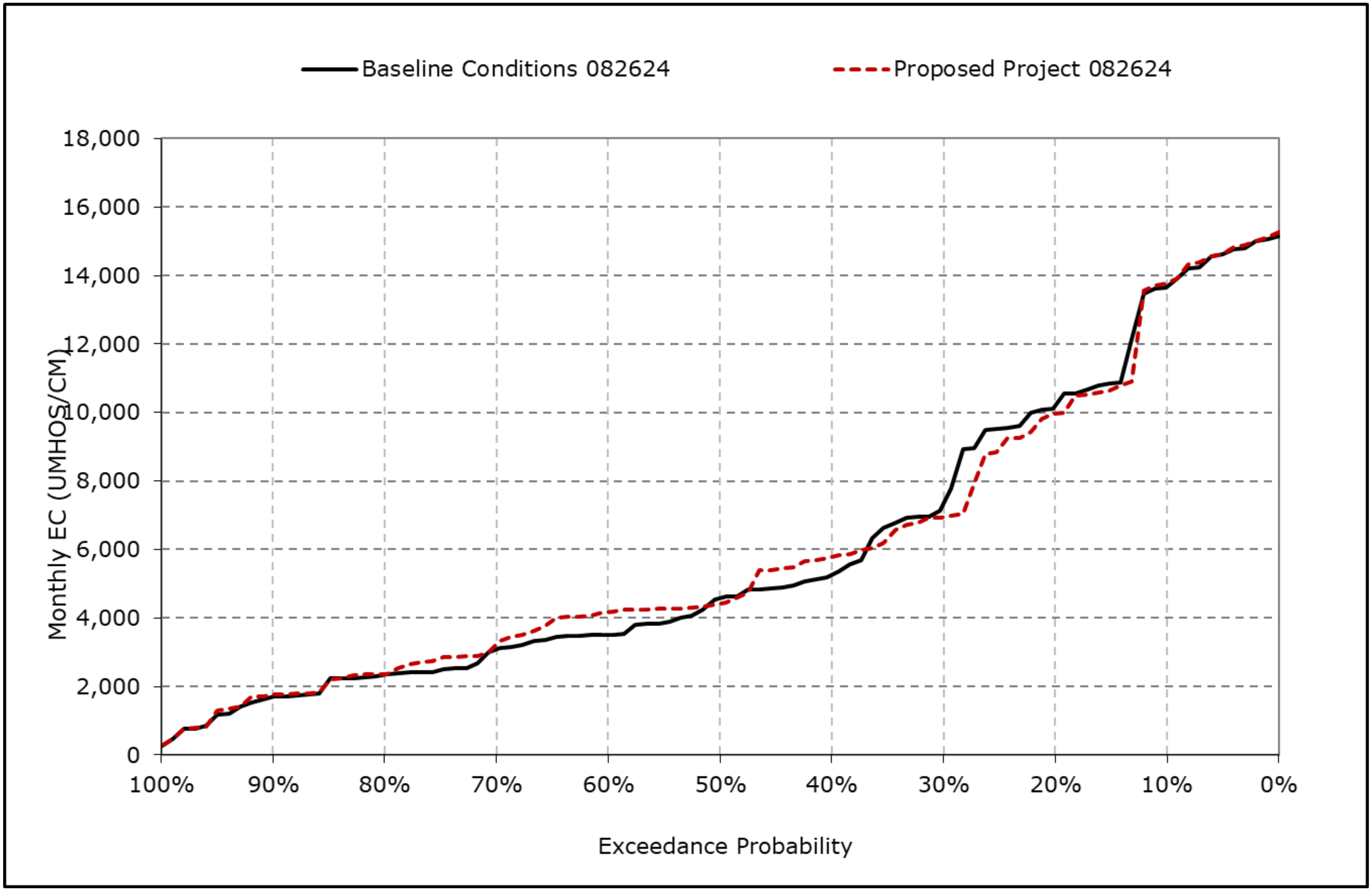
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21o. Montezuma Slough at Beldons Landing, June EC



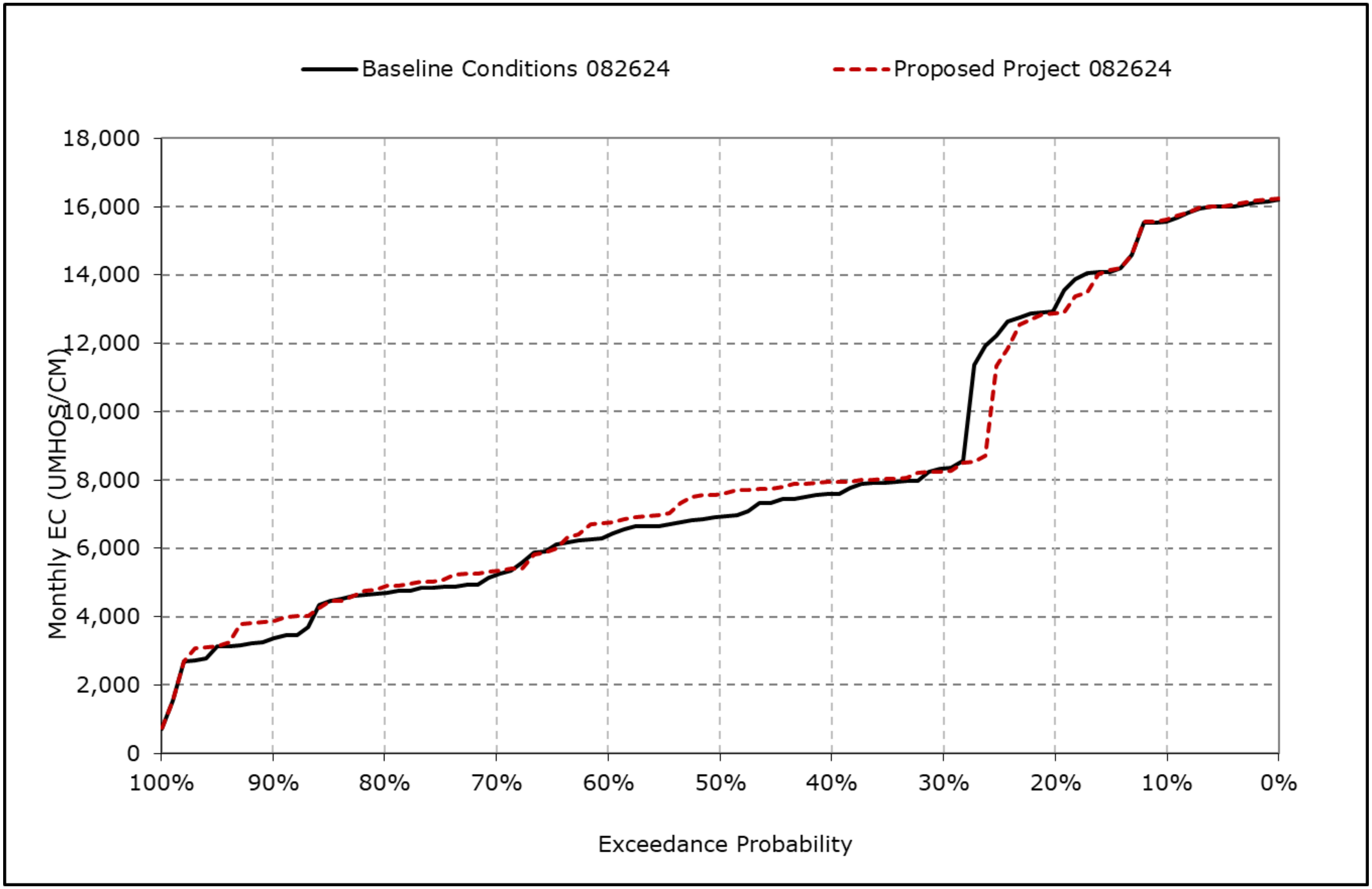
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21p. Montezuma Slough at Beldons Landing, July EC



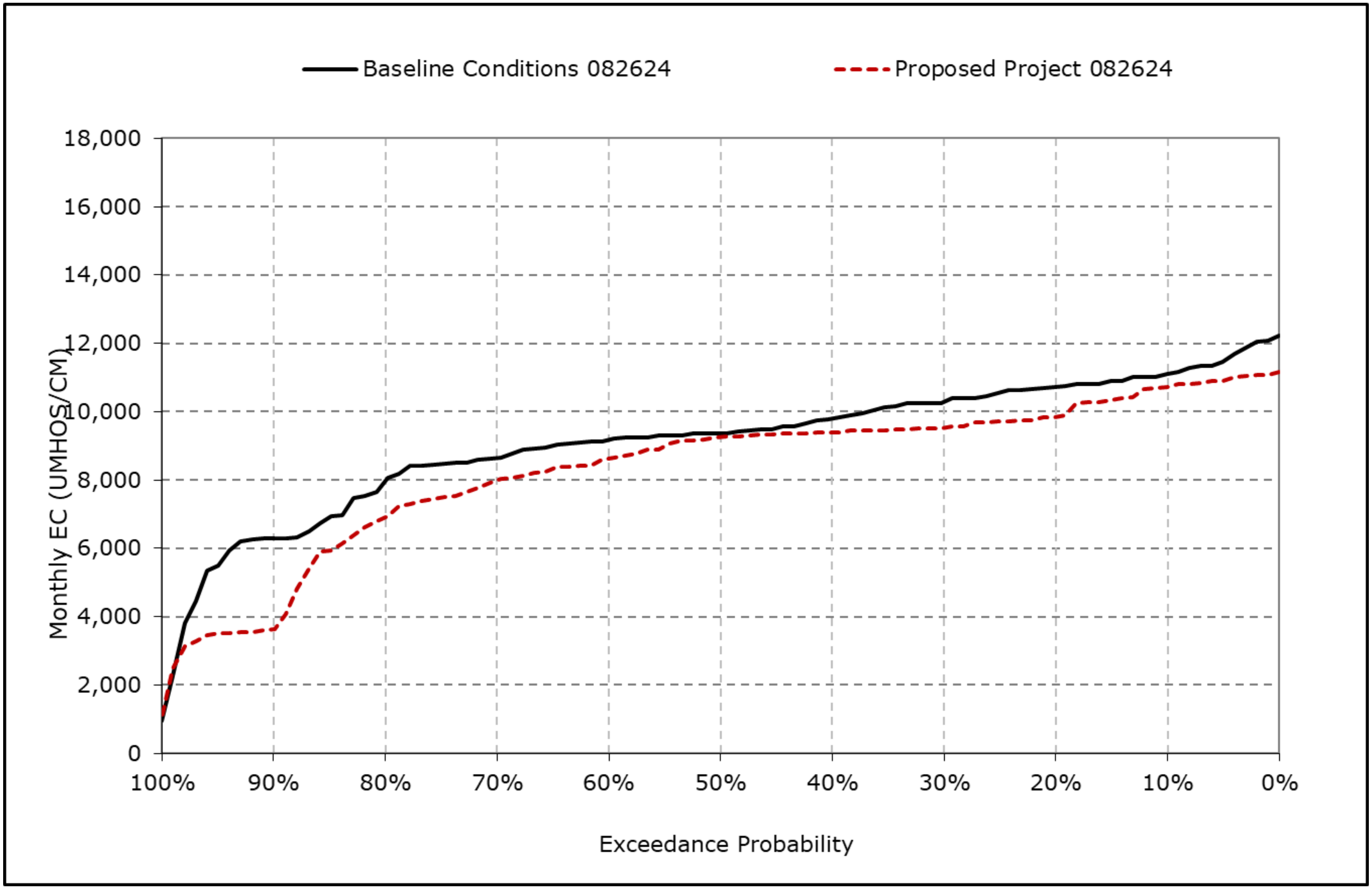
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-21q. Montezuma Slough at Beldons Landing, August EC



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

Figure 4B-6-21r. Montezuma Slough at Beldons Landing, September EC



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

Table 4B-6-22-1a. Montezuma Slough at National Steel, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,100	10,370	9,108	6,213	3,155	2,999	3,830	4,974	7,889	10,592	12,117	10,481
20% Exceedance	10,436	9,651	8,295	4,891	1,951	1,329	2,332	3,586	5,325	7,403	10,287	9,947
30% Exceedance	9,657	8,955	7,621	3,882	1,247	706	1,380	2,933	4,610	5,604	7,570	9,413
40% Exceedance	9,241	8,330	6,530	2,960	784	511	824	1,600	3,844	4,149	6,339	8,708
50% Exceedance	8,282	7,451	5,216	1,978	499	353	593	987	2,892	3,711	5,391	8,106
60% Exceedance	4,926	7,188	4,228	933	276	237	334	590	2,378	3,130	5,164	5,695
70% Exceedance	4,671	6,642	2,510	359	225	210	271	352	1,053	2,644	4,844	5,183
80% Exceedance	4,450	5,566	1,396	238	206	199	214	213	404	1,807	4,211	4,898
90% Exceedance	4,125	3,449	633	194	194	194	189	182	216	1,314	3,387	3,840
Full Simulation Period Average[a]	7,399	7,383	5,051	2,619	1,085	882	1,250	1,966	3,391	4,625	6,608	7,274
Wet Water Years (32%)	6,582	6,031	2,443	609	220	206	249	390	895	2,075	4,193	4,395
Above Normal Years (9%)	6,996	7,088	5,075	1,660	378	266	312	573	1,566	1,916	3,431	3,962
Below Normal Years (20%)	6,955	7,436	5,991	2,598	836	522	681	1,223	2,943	3,270	5,257	8,433
Dry Water Years (21%)	7,458	7,795	5,976	4,155	1,657	1,231	1,800	2,719	4,481	6,271	8,389	9,224
Critical Water Years (18%)	9,481	9,396	7,554	4,902	2,586	2,384	3,491	5,412	7,965	10,097	11,914	10,487

Table 4B-6-22-1b. Montezuma Slough at National Steel, Proposed Project 082624, Monthly EC (UMHOS/CM)

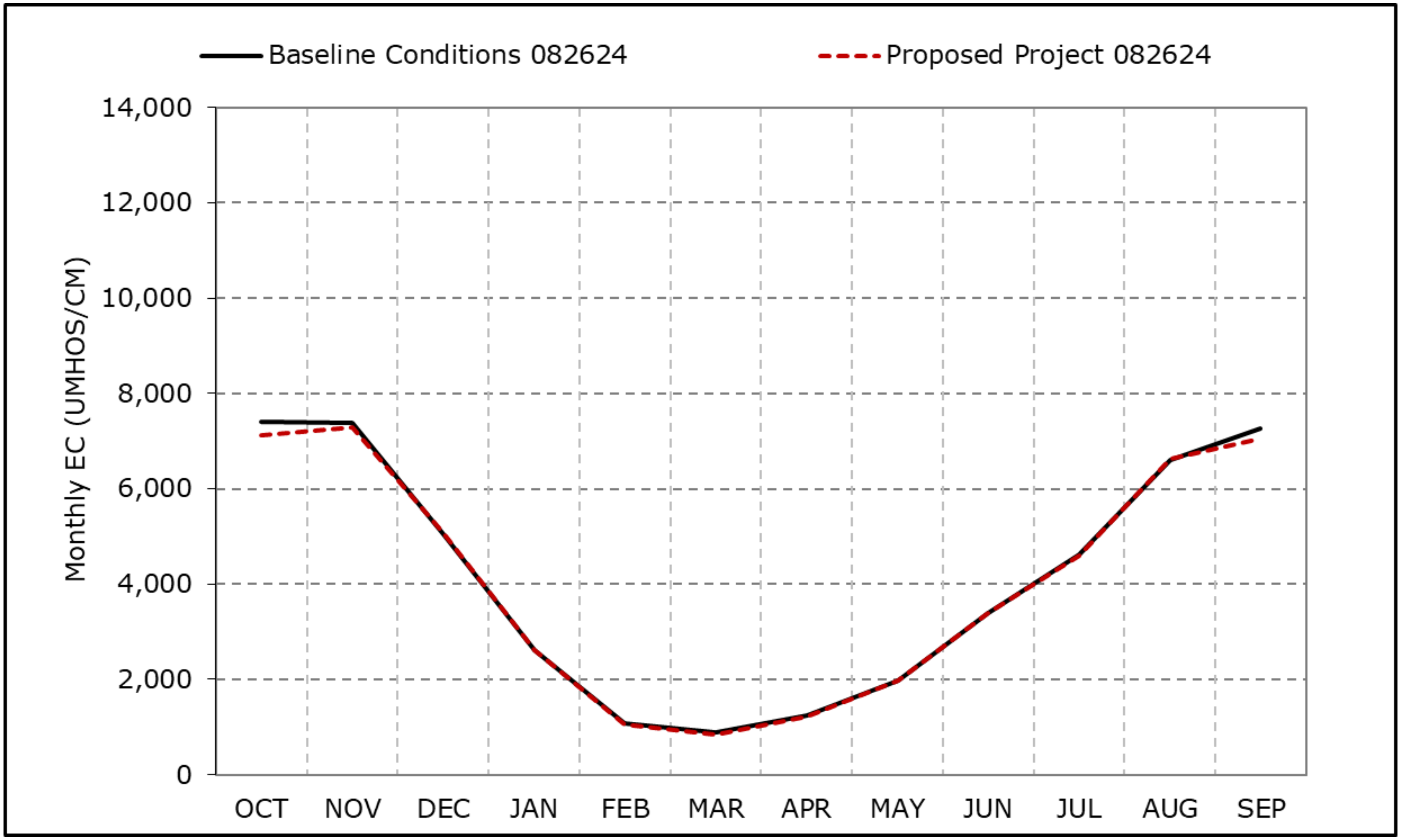
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,105	10,428	9,146	6,545	3,167	2,861	3,594	5,128	8,057	10,650	12,140	10,523
20% Exceedance	10,248	9,591	8,165	5,203	1,965	1,254	2,099	3,307	5,193	7,072	9,886	9,913
30% Exceedance	9,528	8,990	7,676	3,881	1,207	639	1,279	2,914	4,481	5,563	7,785	9,236
40% Exceedance	9,121	8,310	6,536	2,964	797	466	781	1,766	3,769	4,490	5,912	8,340
50% Exceedance	8,289	7,536	5,241	1,866	479	340	587	1,116	2,995	3,673	5,371	7,275
60% Exceedance	4,990	7,146	4,238	862	272	237	326	664	2,369	3,263	5,170	5,654
70% Exceedance	4,720	6,291	2,655	348	225	211	275	395	984	2,568	4,897	5,336
80% Exceedance	4,420	5,117	1,392	235	207	199	216	216	384	1,747	4,490	5,121
90% Exceedance	2,309	3,549	637	194	194	194	189	184	212	1,234	3,626	2,840
Full Simulation Period Average[a]	7,125	7,284	5,067	2,613	1,066	846	1,211	1,970	3,383	4,592	6,622	7,052
Wet Water Years (32%)	6,401	5,919	2,493	678	219	207	261	441	893	2,025	4,348	4,584
Above Normal Years (9%)	6,744	6,924	5,087	1,452	353	260	306	624	1,574	1,931	3,646	2,787
Below Normal Years (20%)	6,686	7,339	6,026	2,593	830	489	635	1,273	2,910	3,359	5,040	7,475
Dry Water Years (21%)	7,163	7,748	5,950	3,999	1,558	1,124	1,621	2,571	4,399	6,063	8,319	9,286
Critical Water Years (18%)	9,044	9,290	7,539	5,036	2,614	2,349	3,516	5,433	8,054	10,138	11,931	10,493

Table 4B-6-22-1c. Montezuma Slough at National Steel, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4	58	39	332	12	-138	-235	154	168	58	23	42
20% Exceedance	-188	-60	-131	313	14	-76	-234	-279	-133	-331	-401	-34
30% Exceedance	-129	34	55	-2	-40	-67	-101	-19	-129	-40	215	-176
40% Exceedance	-120	-20	6	4	13	-46	-43	166	-75	341	-427	-368
50% Exceedance	7	85	26	-111	-20	-13	-6	129	103	-38	-19	-830
60% Exceedance	64	-42	10	-71	-4	0	-8	74	-9	134	6	-40
70% Exceedance	49	-352	145	-11	0	0	4	43	-69	-75	53	153
80% Exceedance	-30	-449	-4	-2	1	0	2	2	-21	-60	279	223
90% Exceedance	-1,816	100	4	0	0	0	0	2	-4	-81	240	-1,000
Full Simulation Period Average[a]	-275	-99	16	-6	-19	-36	-39	3	-8	-33	14	-223
Wet Water Years (32%)	-181	-112	51	69	-2	0	11	51	-2	-50	155	189
Above Normal Years (9%)	-252	-164	12	-208	-25	-7	-6	52	7	15	215	-1,175
Below Normal Years (20%)	-268	-97	35	-5	-6	-32	-45	49	-33	89	-217	-958
Dry Water Years (21%)	-295	-47	-27	-155	-99	-107	-178	-148	-82	-208	-70	62
Critical Water Years (18%)	-436	-106	-15	133	29	-35	26	20	89	41	18	6

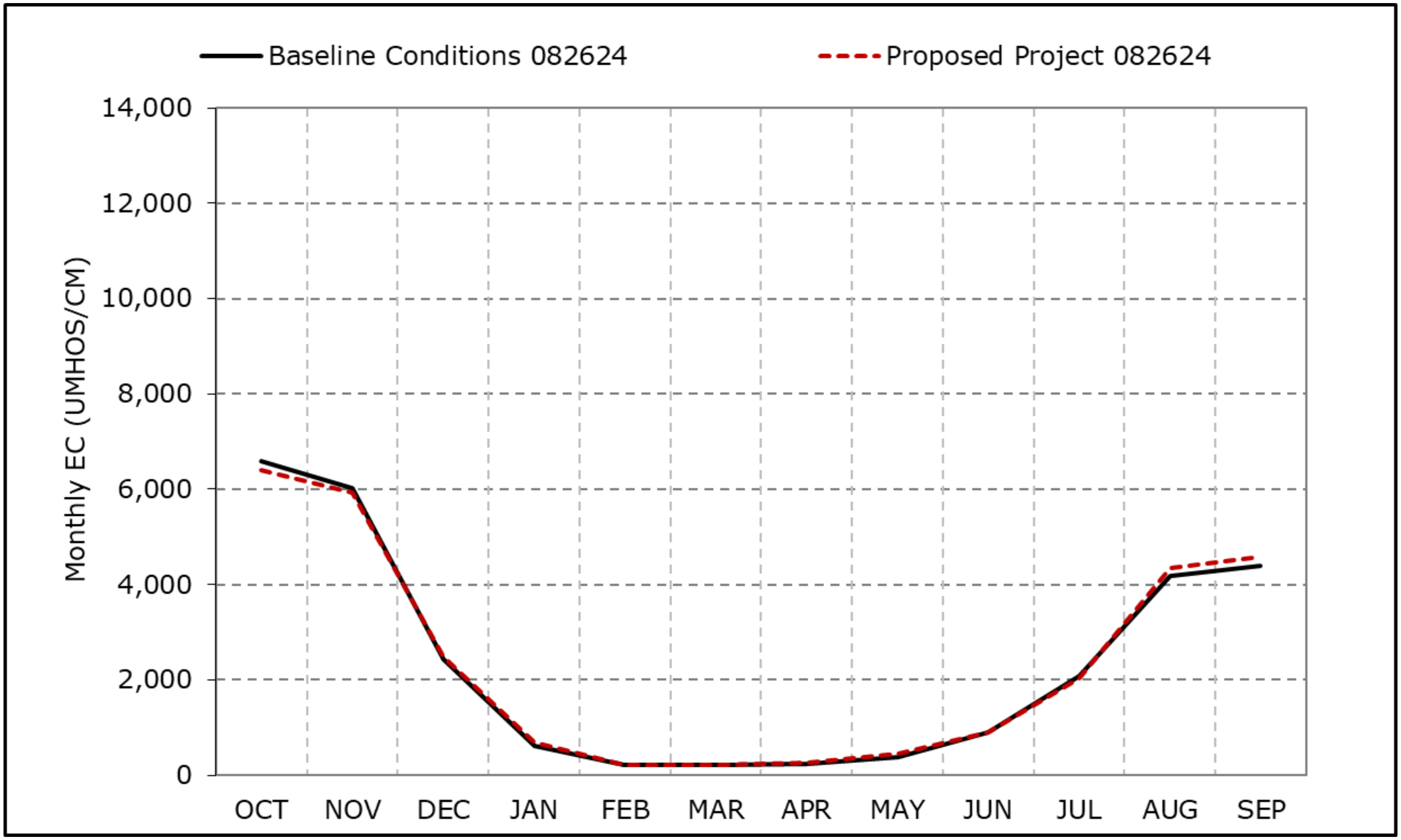
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-22a. Montezuma Slough at National Steel, Long-Term Average EC



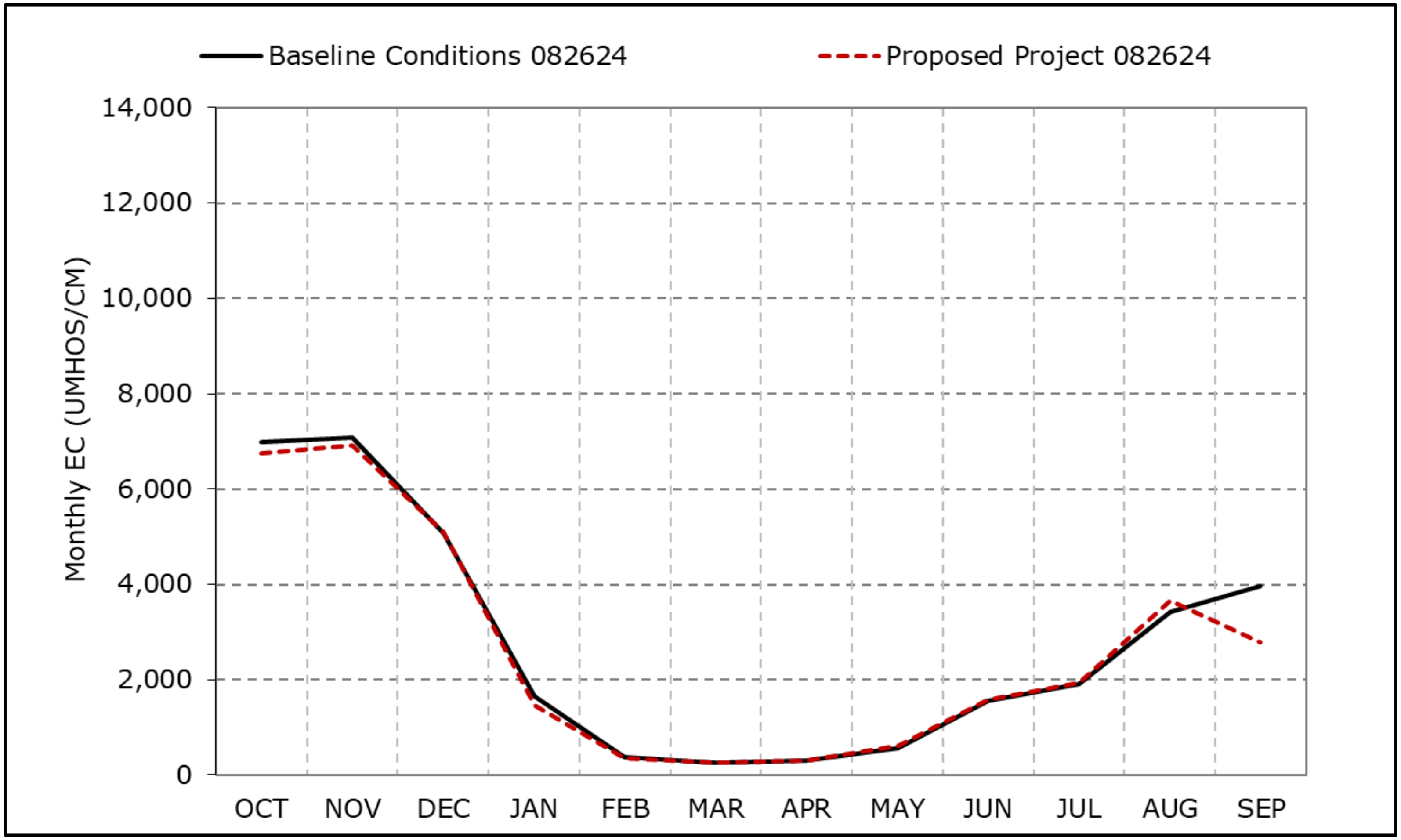
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22b. Montezuma Slough at National Steel, Wet Year Average EC



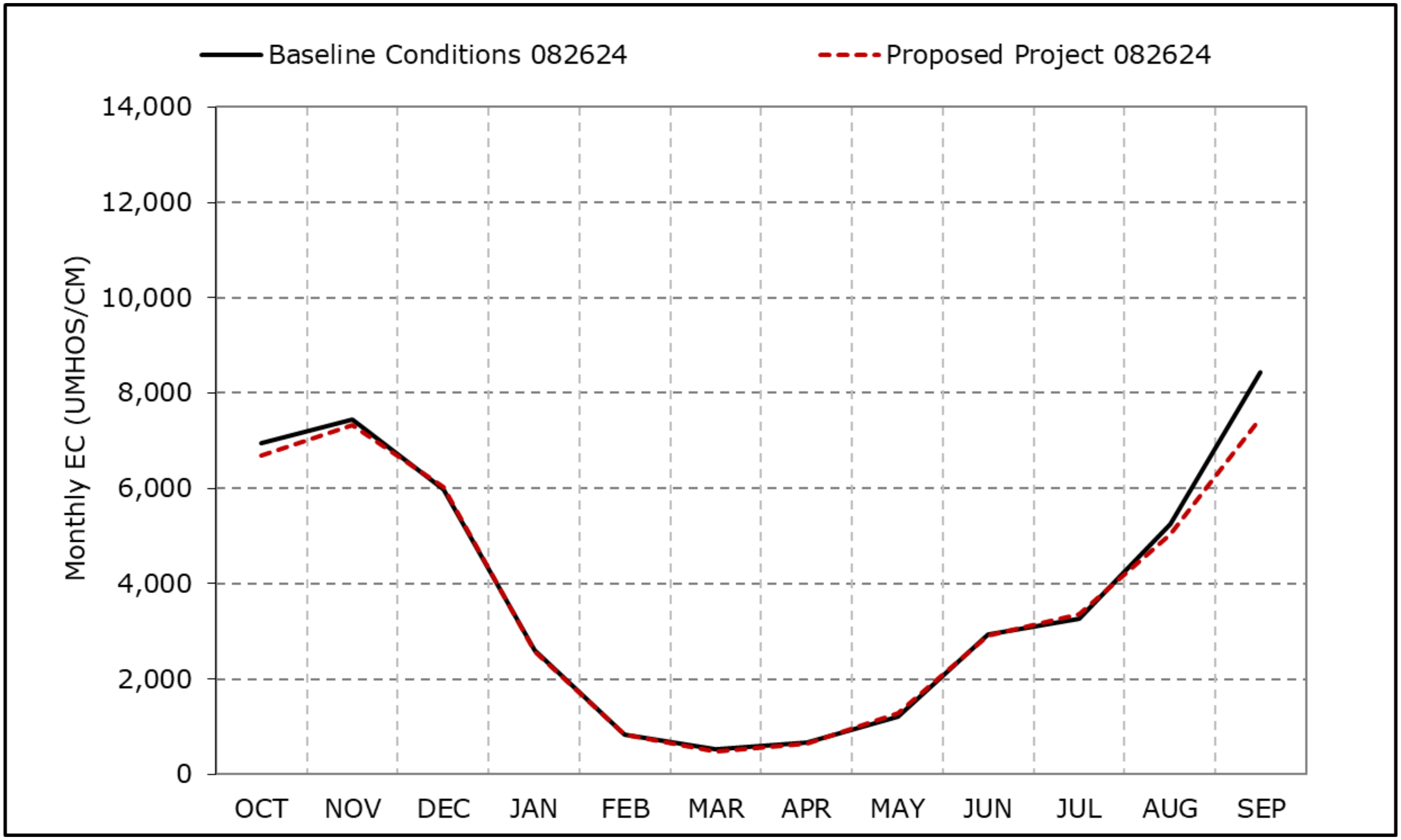
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22c. Montezuma Slough at National Steel, Above Normal Year Average EC



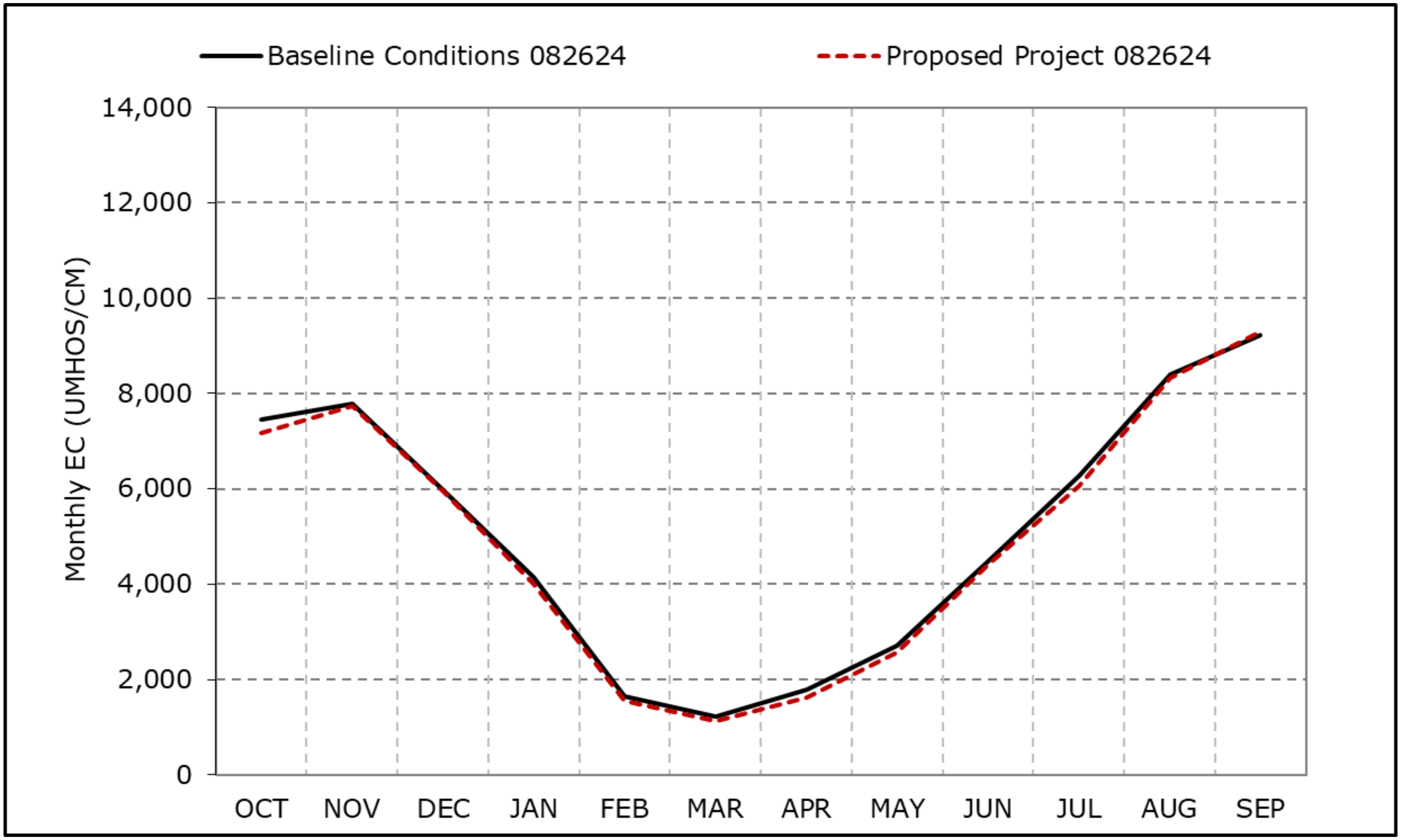
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22d. Montezuma Slough at National Steel, Below Normal Year Average EC



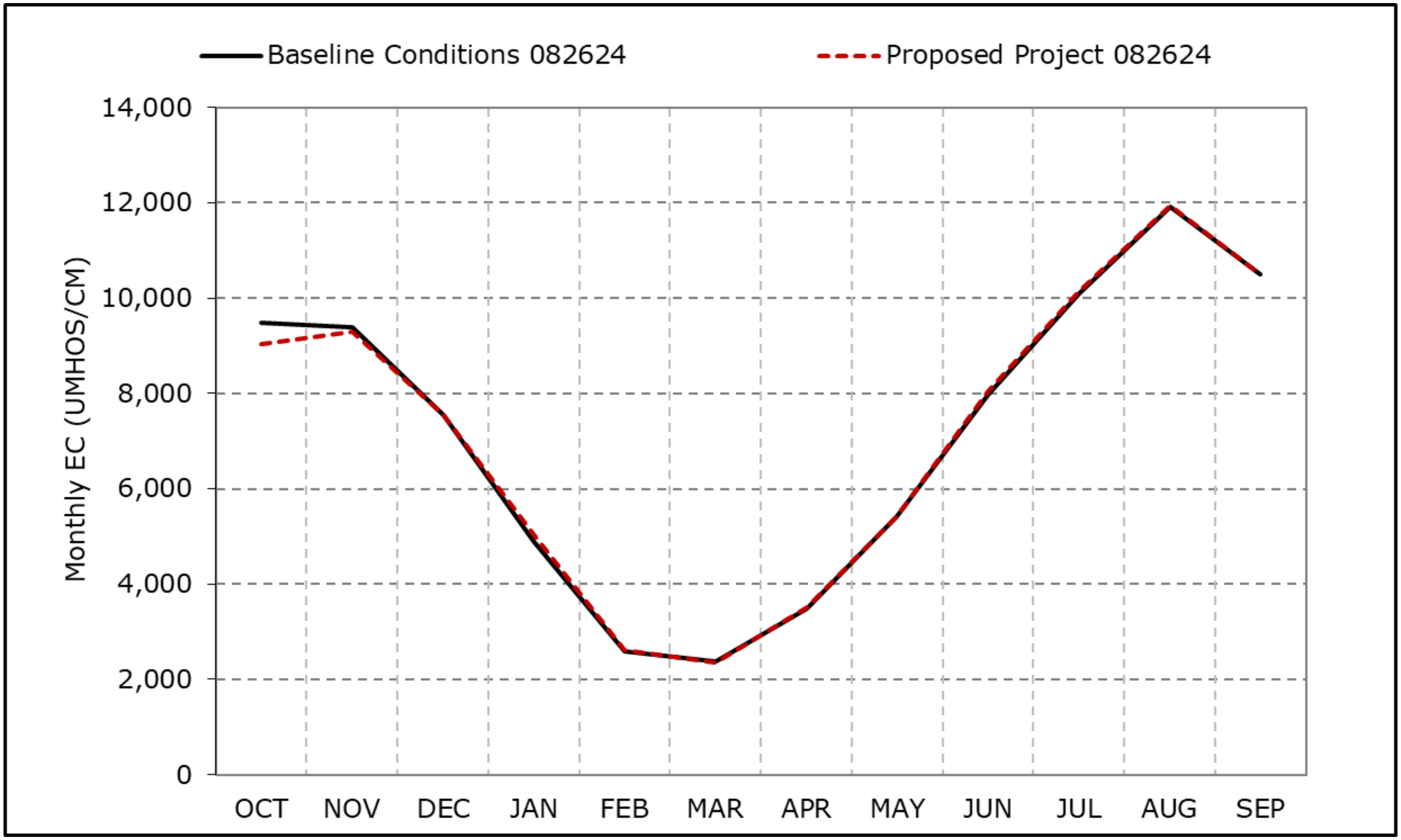
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22e. Montezuma Slough at National Steel, Dry Year Average EC



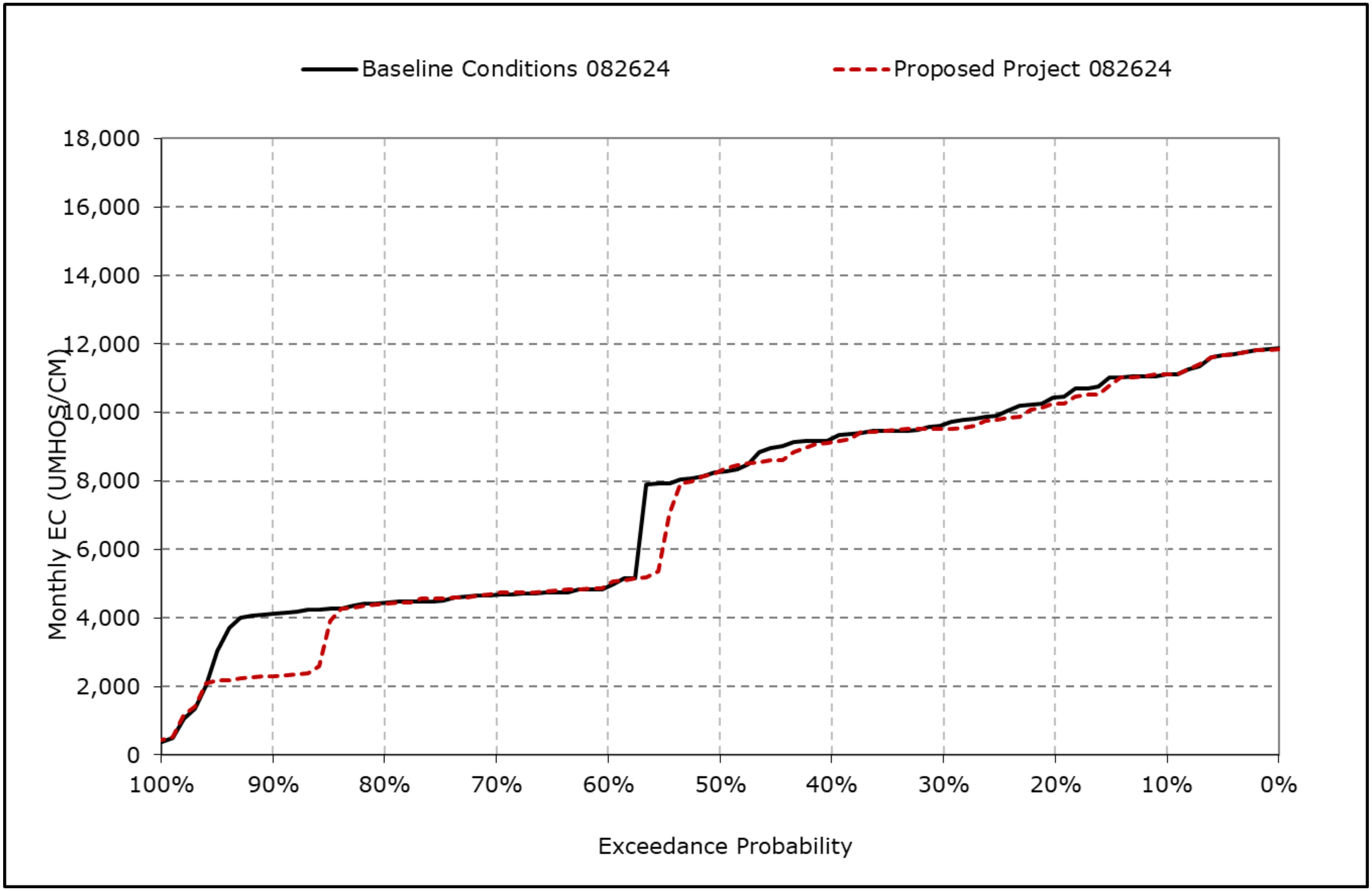
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22f. Montezuma Slough at National Steel, Critical Year Average EC



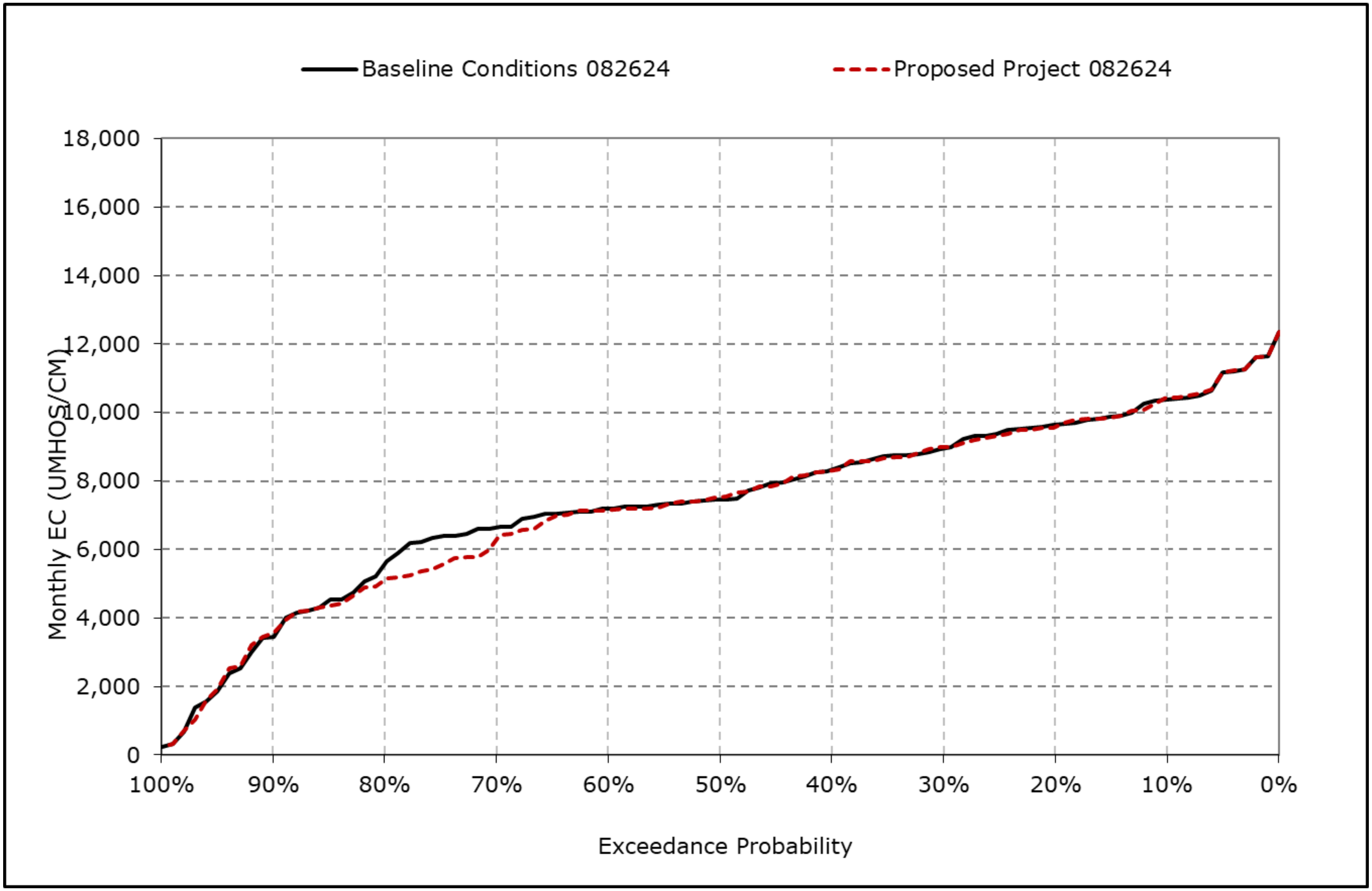
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22g. Montezuma Slough at National Steel, October EC



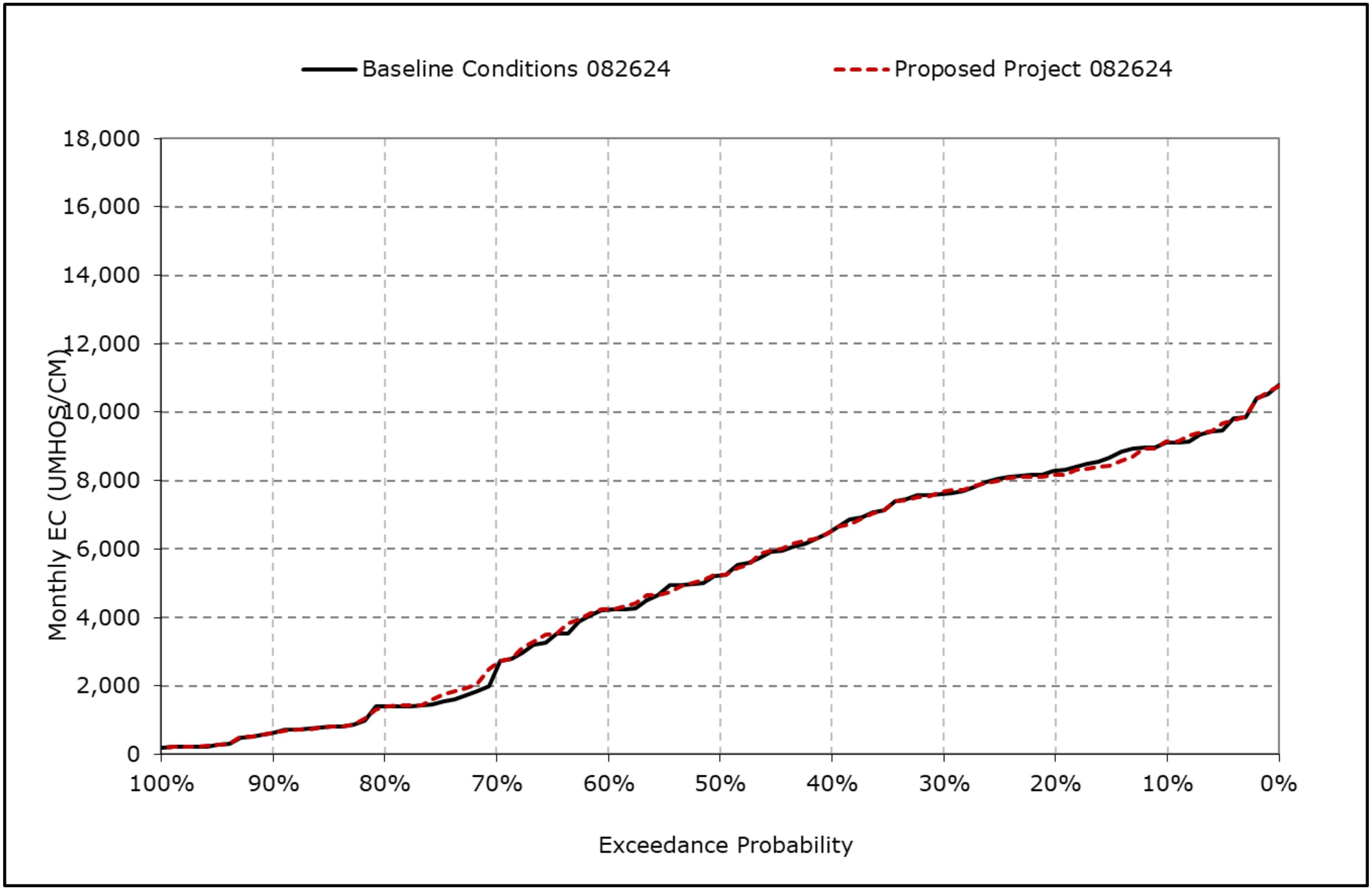
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22h. Montezuma Slough at National Steel, November EC



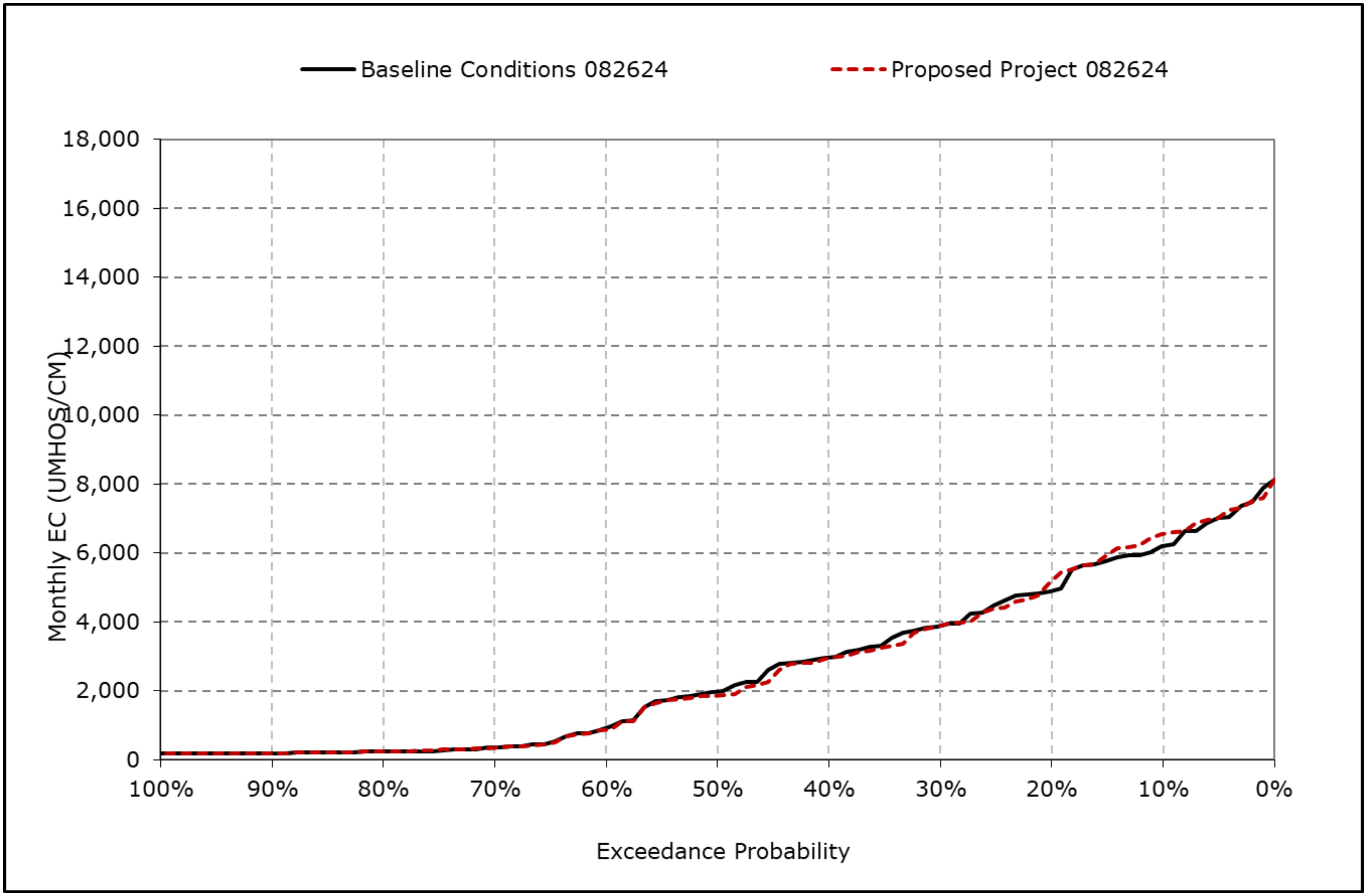
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22i. Montezuma Slough at National Steel, December EC



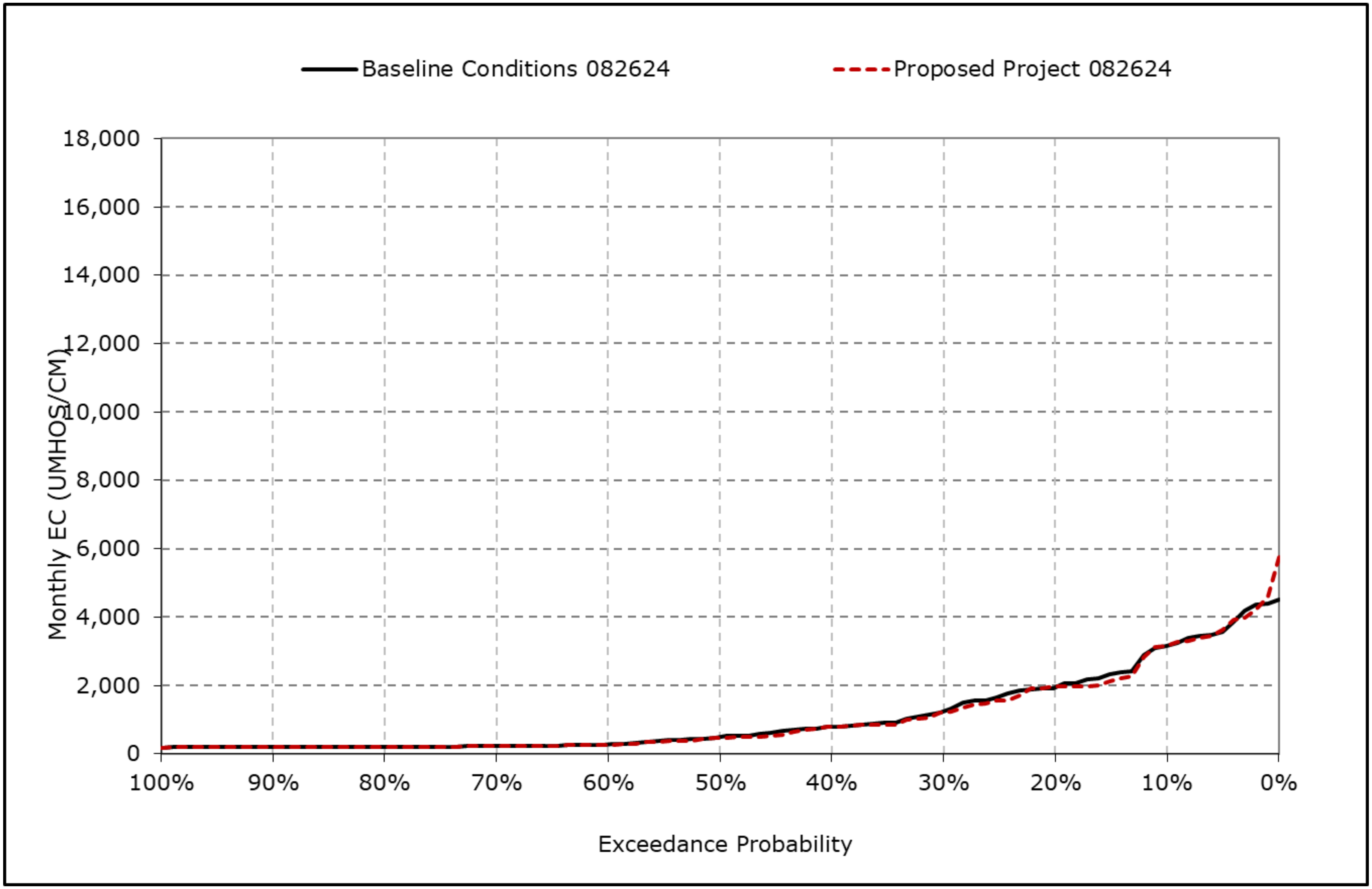
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22j. Montezuma Slough at National Steel, January EC



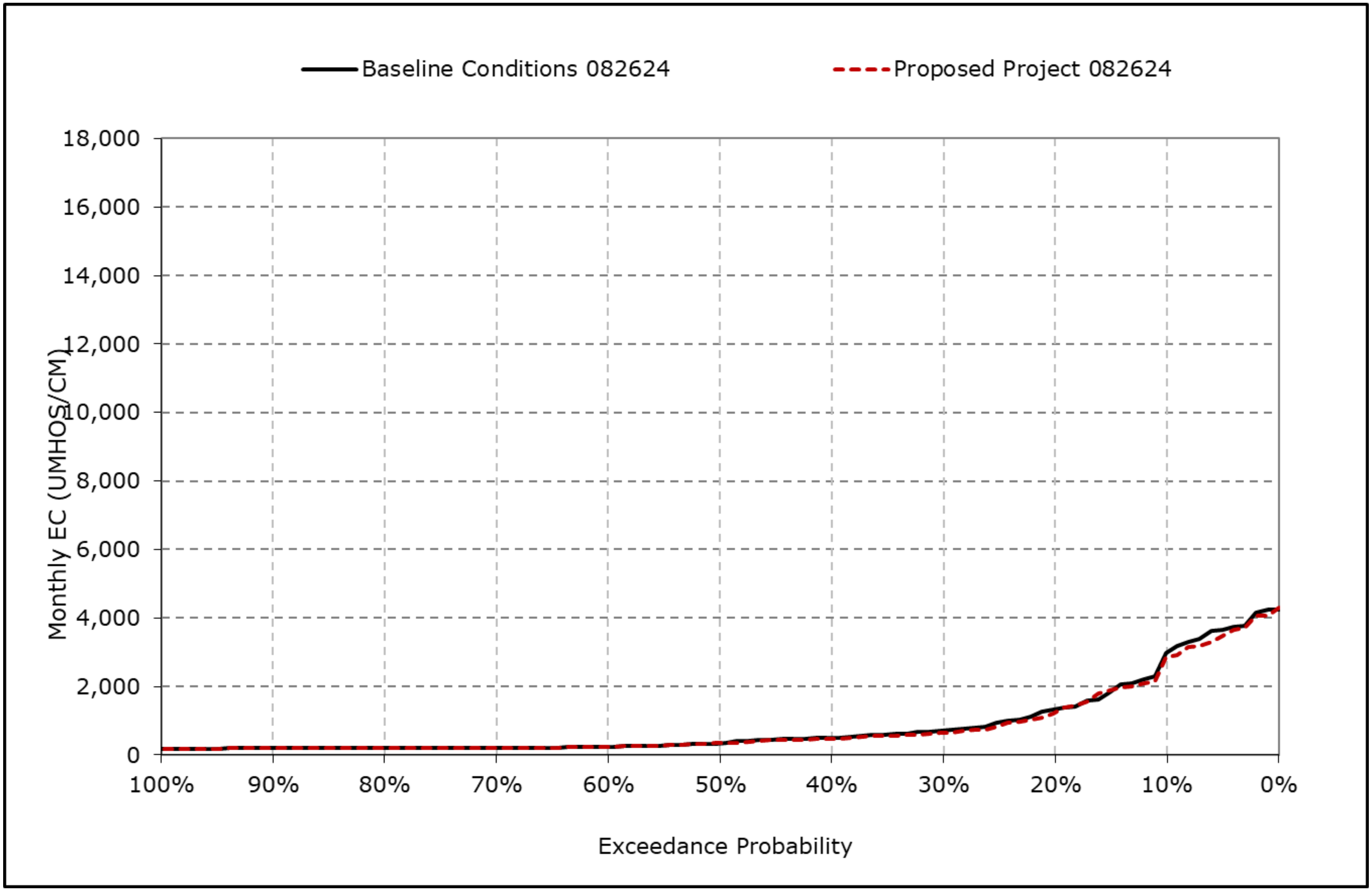
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22k. Montezuma Slough at National Steel, February EC



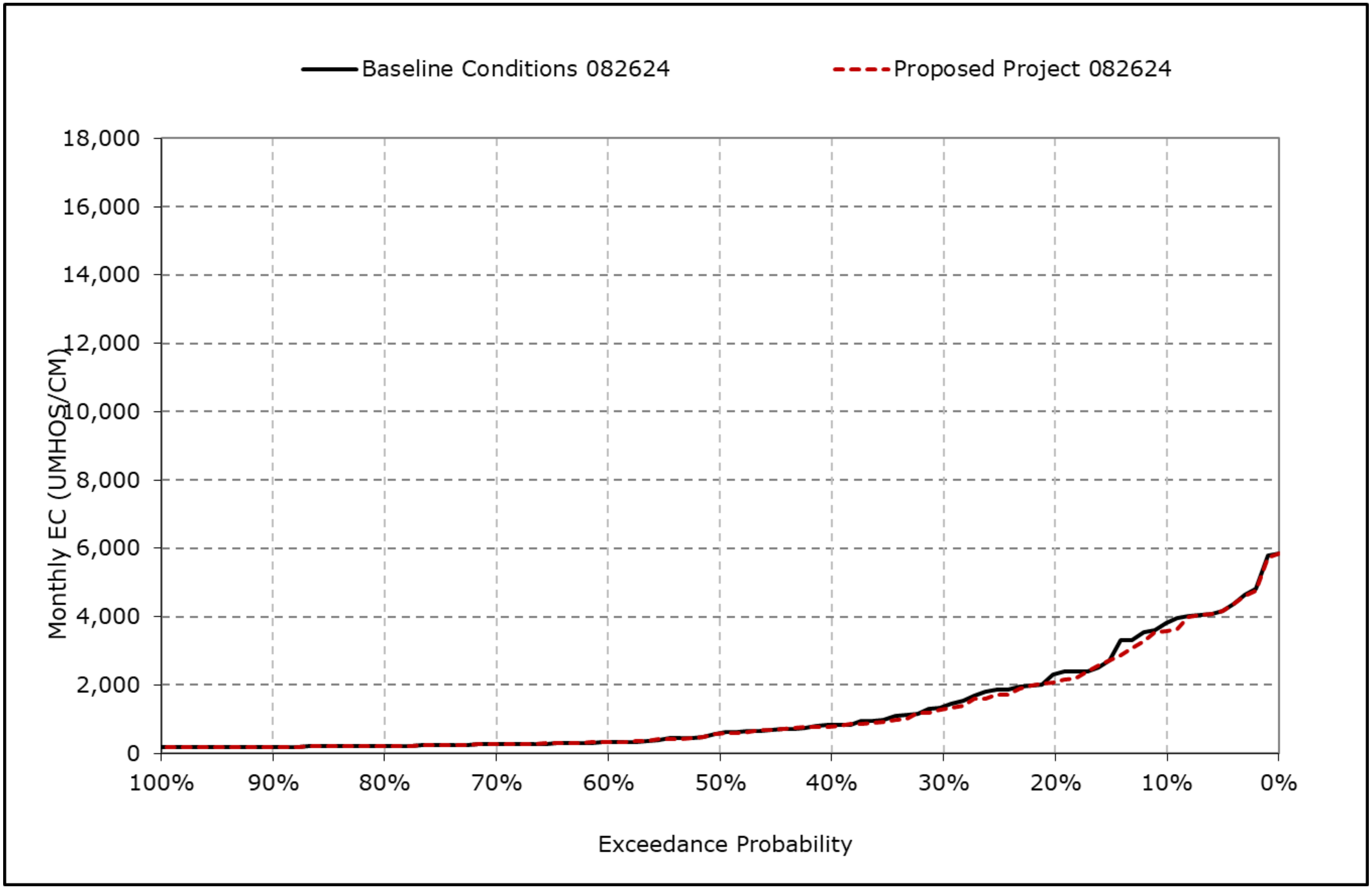
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22l. Montezuma Slough at National Steel, March EC



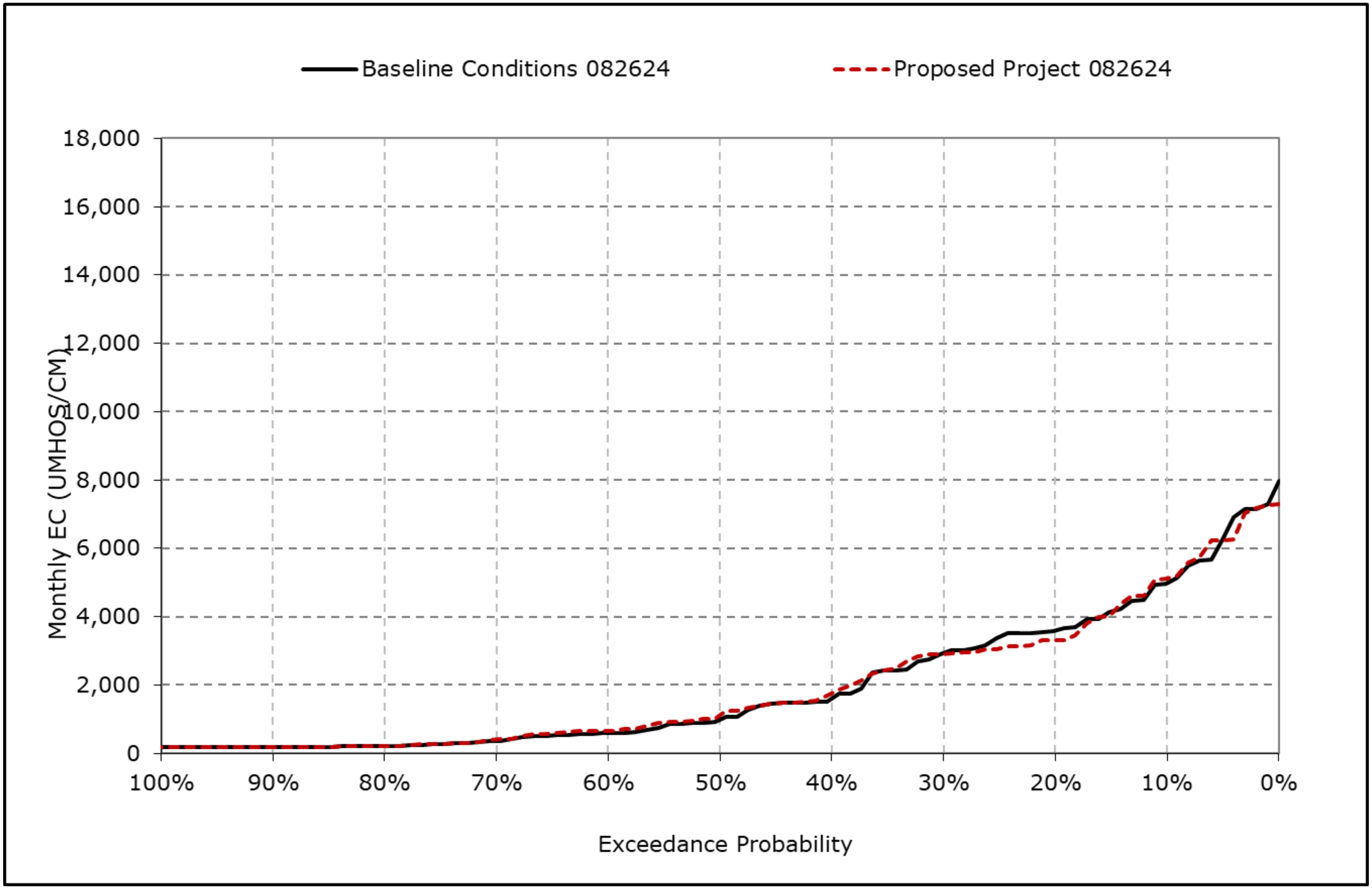
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22m. Montezuma Slough at National Steel, April EC



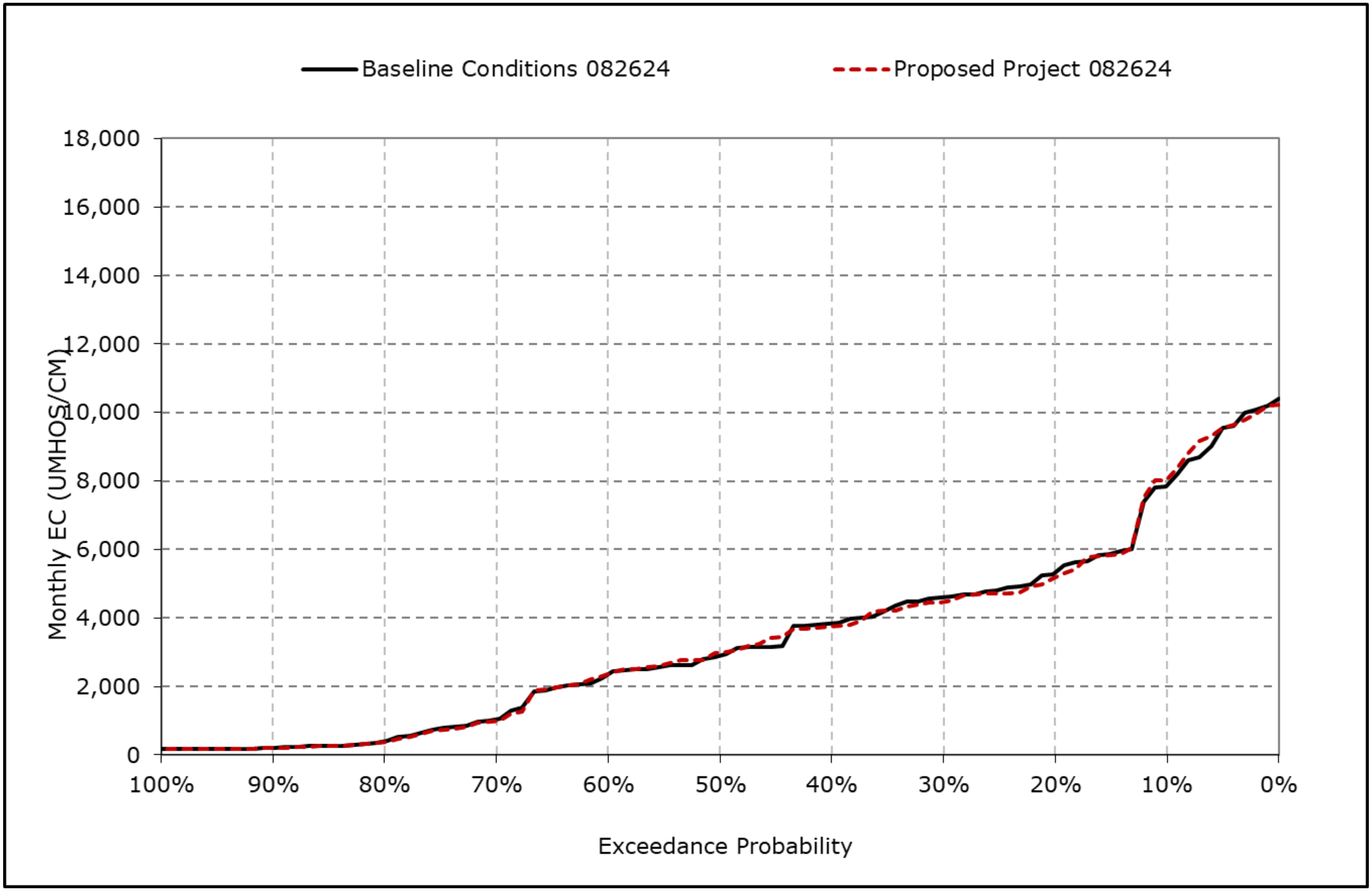
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22n. Montezuma Slough at National Steel, May EC



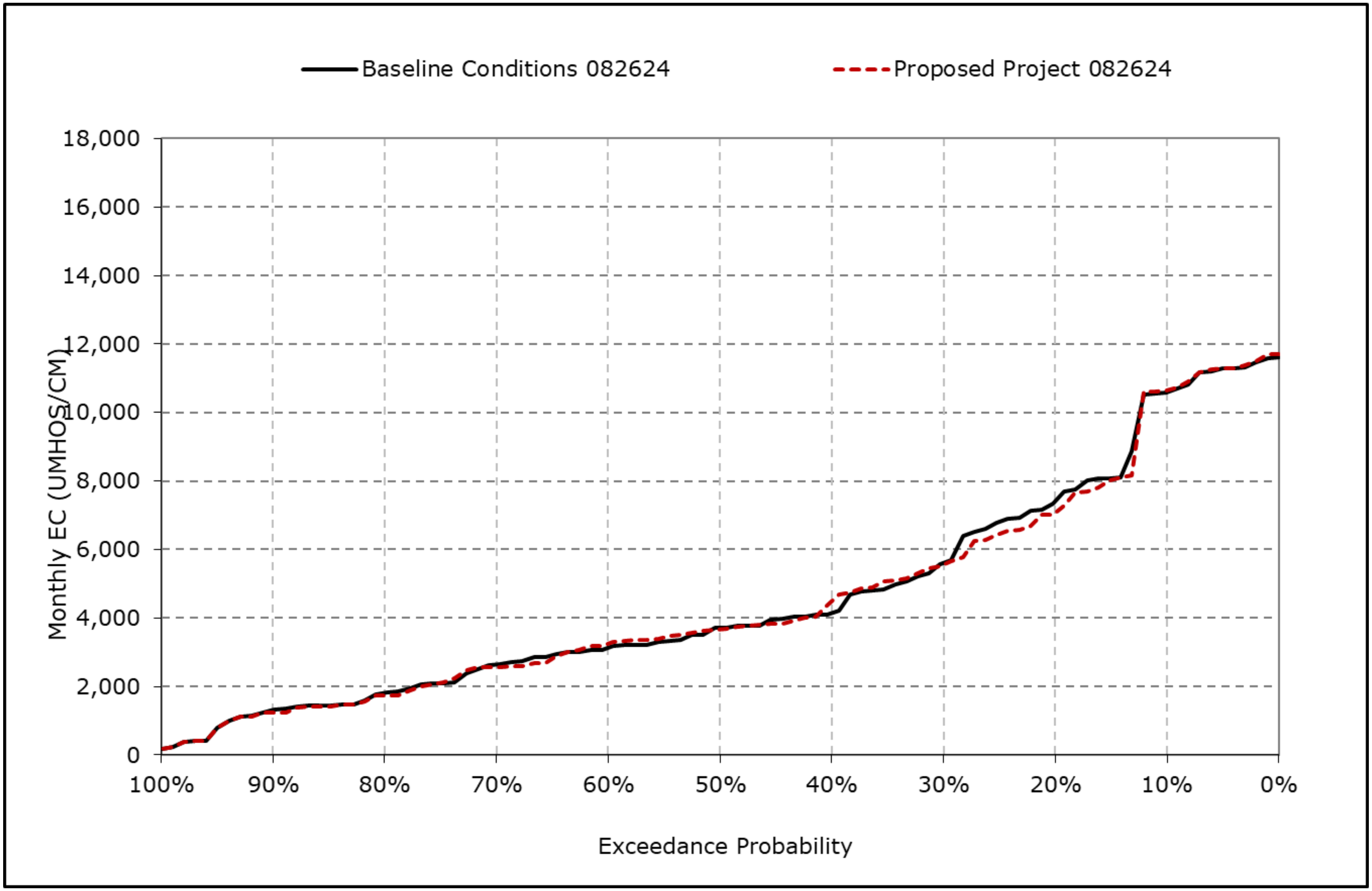
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22o. Montezuma Slough at National Steel, June EC



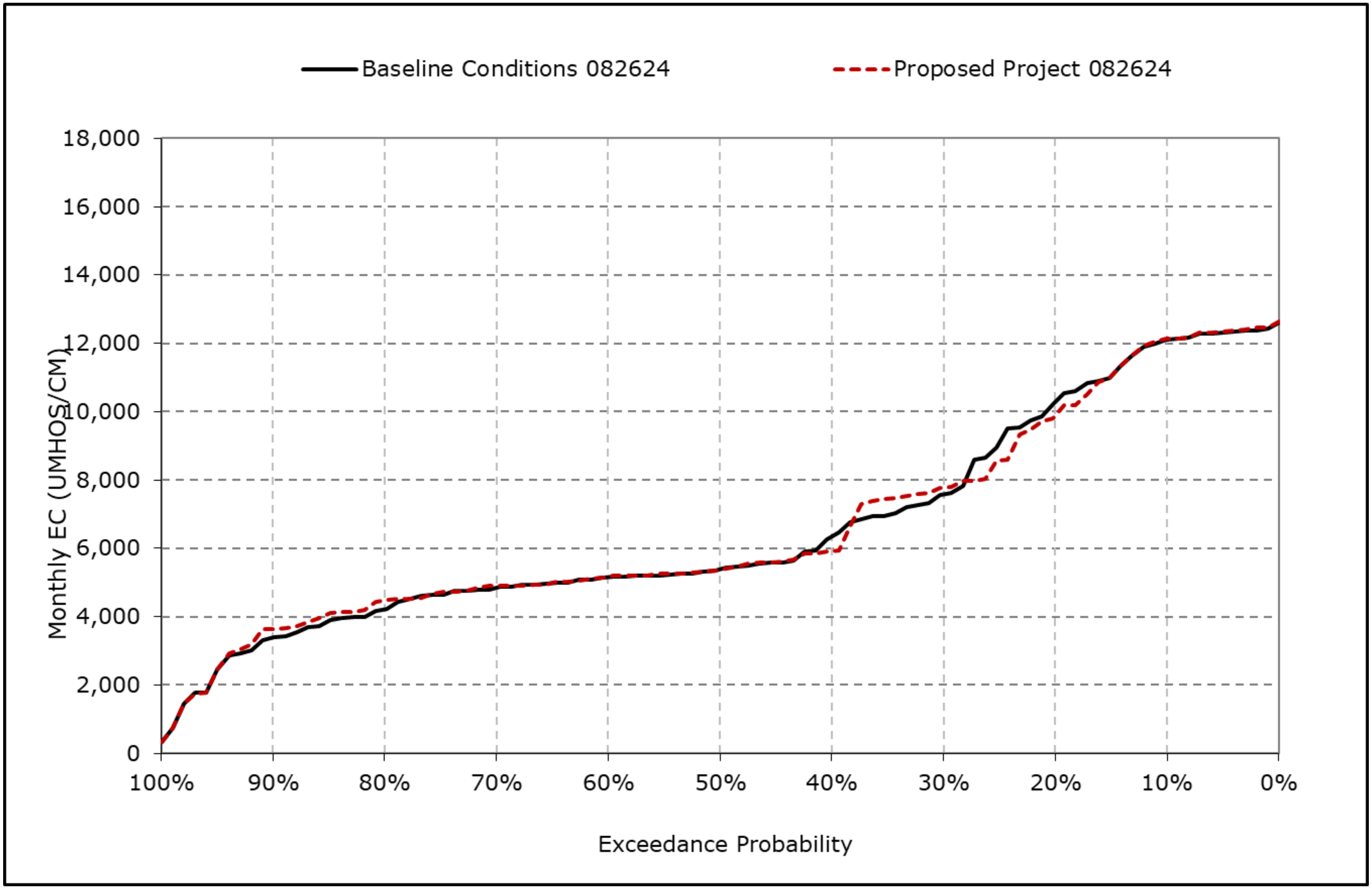
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22p. Montezuma Slough at National Steel, July EC



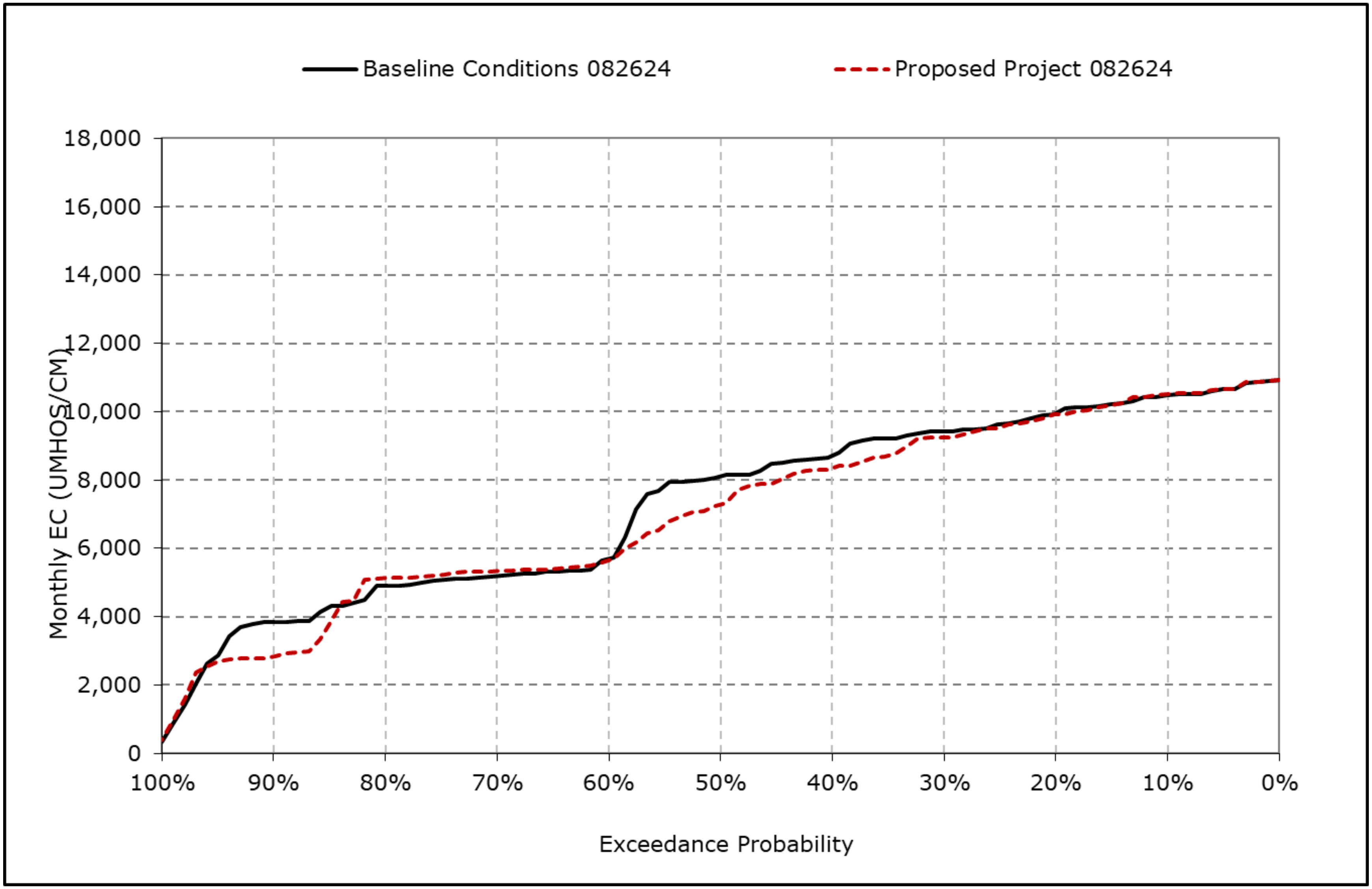
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-22q. Montezuma Slough at National Steel, August EC



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

Figure 4B-6-22r. Montezuma Slough at National Steel, September EC



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

Table 4B-6-23-1a. Suisun Bay near Ryer, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	19,332	18,155	15,517	12,669	7,645	6,660	7,333	9,049	12,573	15,250	16,766	18,629
20% Exceedance	18,132	17,319	14,844	10,724	5,343	4,364	5,535	6,945	9,428	12,088	15,254	17,697
30% Exceedance	17,508	16,629	13,647	9,061	3,265	2,166	4,019	6,119	8,502	11,719	14,425	16,741
40% Exceedance	17,080	15,899	12,755	5,700	2,077	1,615	2,772	4,303	8,147	10,316	13,430	16,127
50% Exceedance	15,527	13,991	10,933	4,381	1,219	1,059	1,731	2,850	6,689	9,410	11,929	14,706
60% Exceedance	8,362	11,742	8,516	2,785	710	474	1,024	2,055	5,576	7,820	10,411	9,185
70% Exceedance	8,119	11,348	5,094	735	276	311	741	1,149	3,366	7,008	9,856	8,896
80% Exceedance	7,989	10,526	2,289	310	212	213	327	476	1,497	5,619	9,373	8,731
90% Exceedance	7,668	7,180	1,188	199	196	190	212	281	627	4,315	8,629	8,264
Full Simulation Period Average[a]	13,172	13,255	9,353	5,320	2,732	2,219	2,951	4,028	6,401	9,142	12,055	13,184
Wet Water Years (32%)	12,021	11,265	4,937	1,190	302	295	572	986	2,319	4,956	8,426	7,814
Above Normal Years (9%)	12,423	12,844	8,860	2,499	657	572	936	1,736	3,947	6,552	9,586	8,444
Below Normal Years (20%)	12,526	13,279	11,021	5,697	2,254	1,341	1,994	3,049	6,588	9,317	12,162	15,022
Dry Water Years (21%)	13,199	13,721	11,008	8,207	4,186	3,207	4,459	5,704	8,355	11,752	14,591	16,946
Critical Water Years (18%)	16,279	16,428	13,668	10,287	6,922	6,286	7,495	9,716	12,395	14,639	16,663	18,670

Table 4B-6-23-1b. Suisun Bay near Ryer, Proposed Project 082624, Monthly EC (UMHOS/CM)

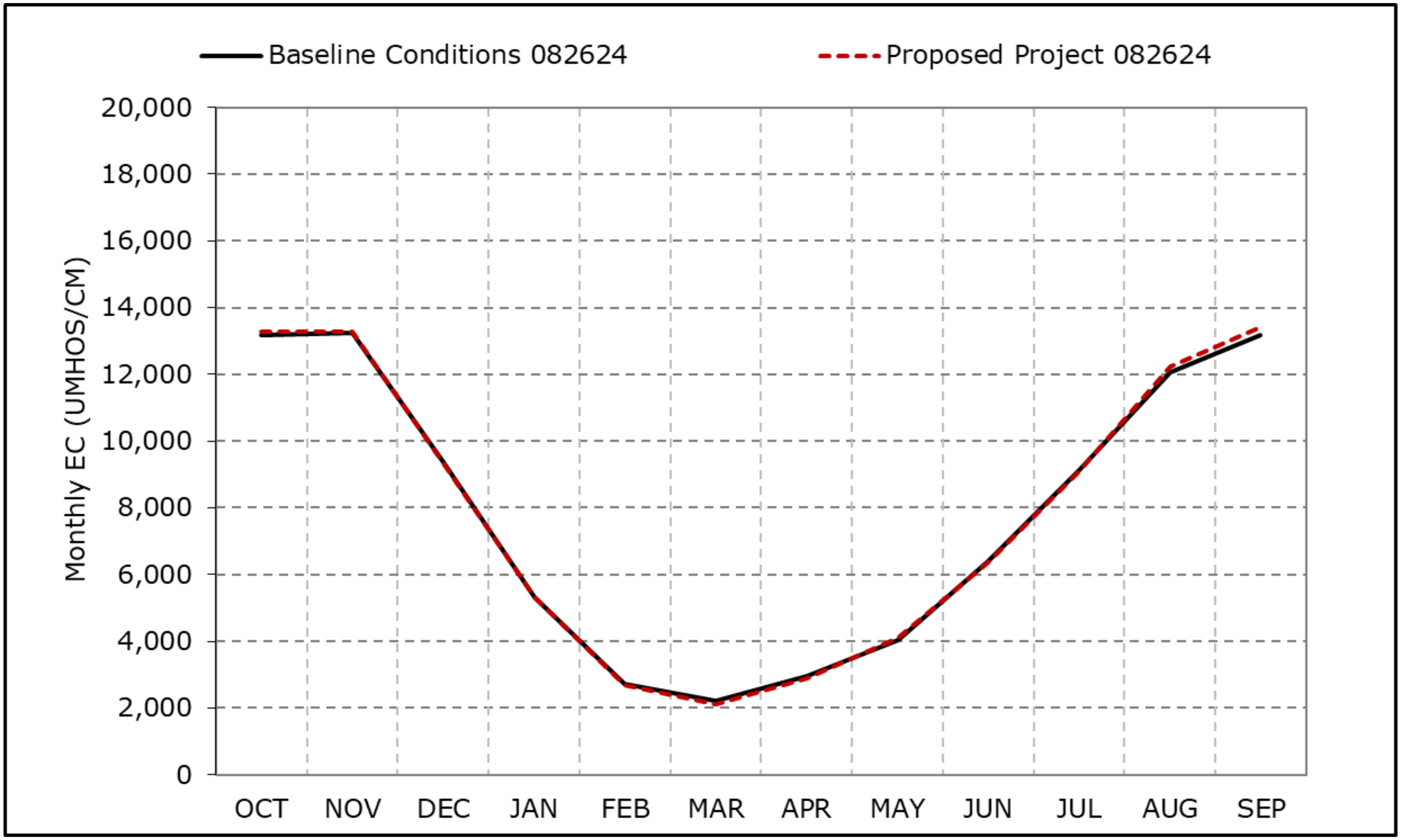
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	19,335	18,172	15,656	12,577	7,626	6,114	7,415	9,247	12,745	15,314	16,787	18,628
20% Exceedance	18,209	17,393	14,825	10,706	5,316	3,953	5,222	6,704	9,259	12,094	15,257	17,712
30% Exceedance	17,571	16,640	13,686	9,084	3,290	1,992	3,911	6,141	8,561	11,600	14,823	17,210
40% Exceedance	17,093	15,941	12,682	5,704	1,907	1,519	2,716	4,327	7,965	10,193	13,136	16,206
50% Exceedance	16,064	14,077	11,023	4,358	1,124	1,047	1,664	3,127	6,644	9,298	11,974	15,365
60% Exceedance	8,316	11,705	8,571	2,723	694	451	1,084	2,255	5,708	7,742	10,762	9,256
70% Exceedance	8,108	11,368	4,990	733	275	310	780	1,343	3,166	6,888	10,230	8,987
80% Exceedance	8,015	10,287	2,321	299	213	213	339	495	1,403	5,375	9,881	8,873
90% Exceedance	7,499	7,173	1,188	198	196	190	213	284	596	4,240	9,216	8,425
Full Simulation Period Average[a]	13,261	13,268	9,336	5,312	2,685	2,128	2,893	4,118	6,359	9,092	12,240	13,409
Wet Water Years (32%)	12,126	11,284	4,863	1,152	298	298	620	1,110	2,242	4,898	8,714	8,087
Above Normal Years (9%)	12,391	12,803	8,947	2,547	650	543	926	1,907	3,852	6,460	10,052	8,538
Below Normal Years (20%)	12,669	13,302	10,995	5,667	2,220	1,233	1,912	3,248	6,562	9,204	12,141	15,382
Dry Water Years (21%)	13,202	13,756	11,030	8,226	4,146	2,987	4,153	5,554	8,255	11,723	14,844	17,216
Critical Water Years (18%)	16,439	16,422	13,664	10,296	6,758	6,166	7,537	9,862	12,496	14,671	16,676	18,675

Table 4B-6-23-1c. Suisun Bay near Ryer, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3	17	139	-91	-19	-547	82	198	172	64	21	-1
20% Exceedance	77	74	-19	-18	-28	-411	-313	-242	-169	6	3	15
30% Exceedance	63	10	38	23	25	-174	-108	22	60	-119	398	469
40% Exceedance	13	42	-74	4	-170	-95	-57	23	-181	-123	-294	78
50% Exceedance	537	86	90	-23	-95	-12	-67	276	-45	-111	45	659
60% Exceedance	-46	-36	55	-62	-16	-24	60	201	132	-79	351	71
70% Exceedance	-11	20	-104	-2	-1	-1	39	194	-200	-119	374	91
80% Exceedance	26	-239	32	-12	0	1	12	19	-94	-244	508	142
90% Exceedance	-169	-7	0	0	0	0	0	4	-31	-74	587	161
Full Simulation Period Average[a]	89	13	-17	-8	-47	-91	-59	90	-41	-50	185	225
Wet Water Years (32%)	105	19	-74	-38	-4	3	48	124	-78	-58	289	273
Above Normal Years (9%)	-32	-41	87	48	-7	-29	-10	171	-95	-91	466	94
Below Normal Years (20%)	143	23	-25	-31	-34	-107	-82	199	-26	-113	-21	359
Dry Water Years (21%)	3	34	22	20	-40	-221	-306	-150	-100	-30	253	270
Critical Water Years (18%)	160	-5	-4	10	-164	-121	41	146	102	32	13	5

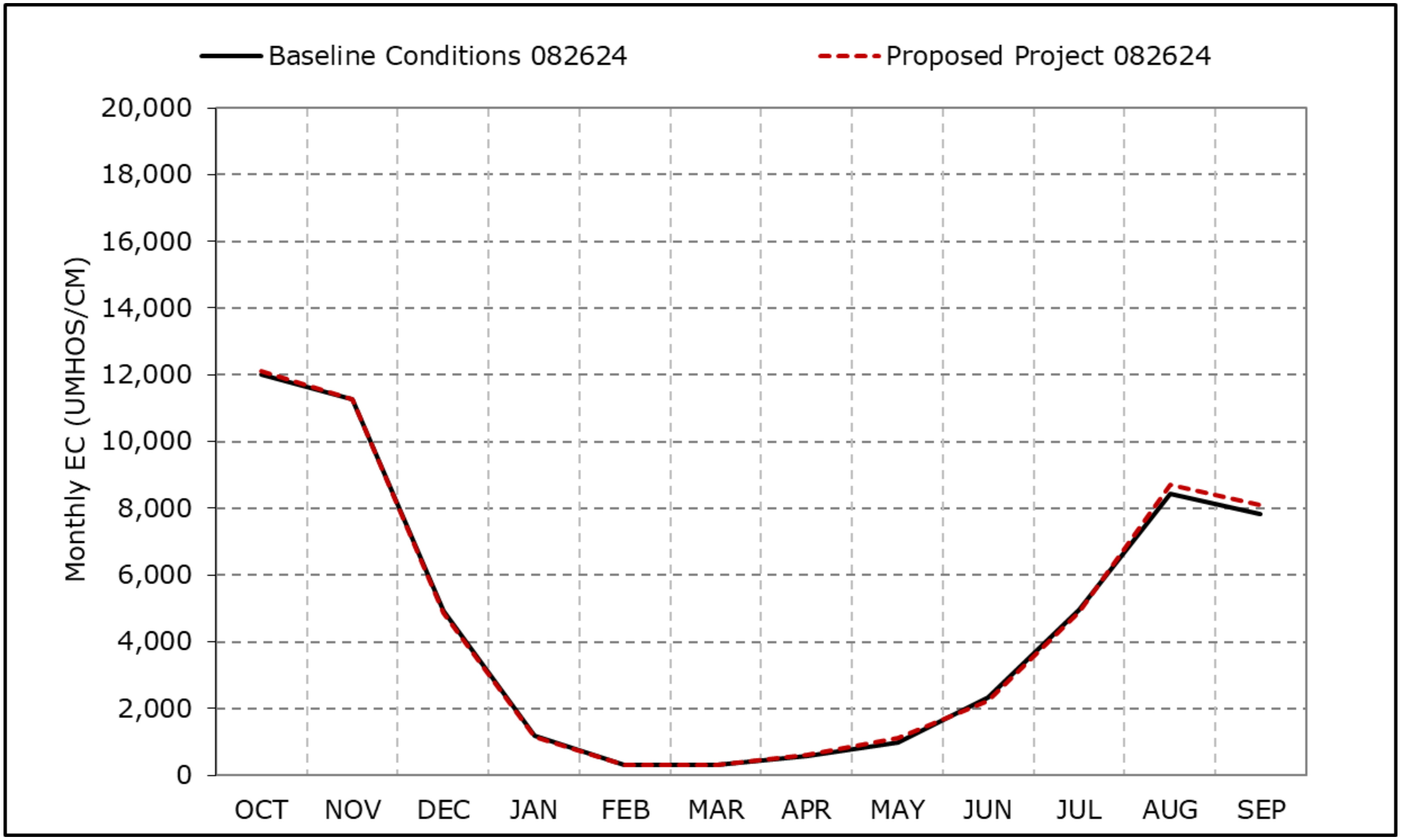
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-23a. Suisun Bay near Ryer, Long-Term Average EC



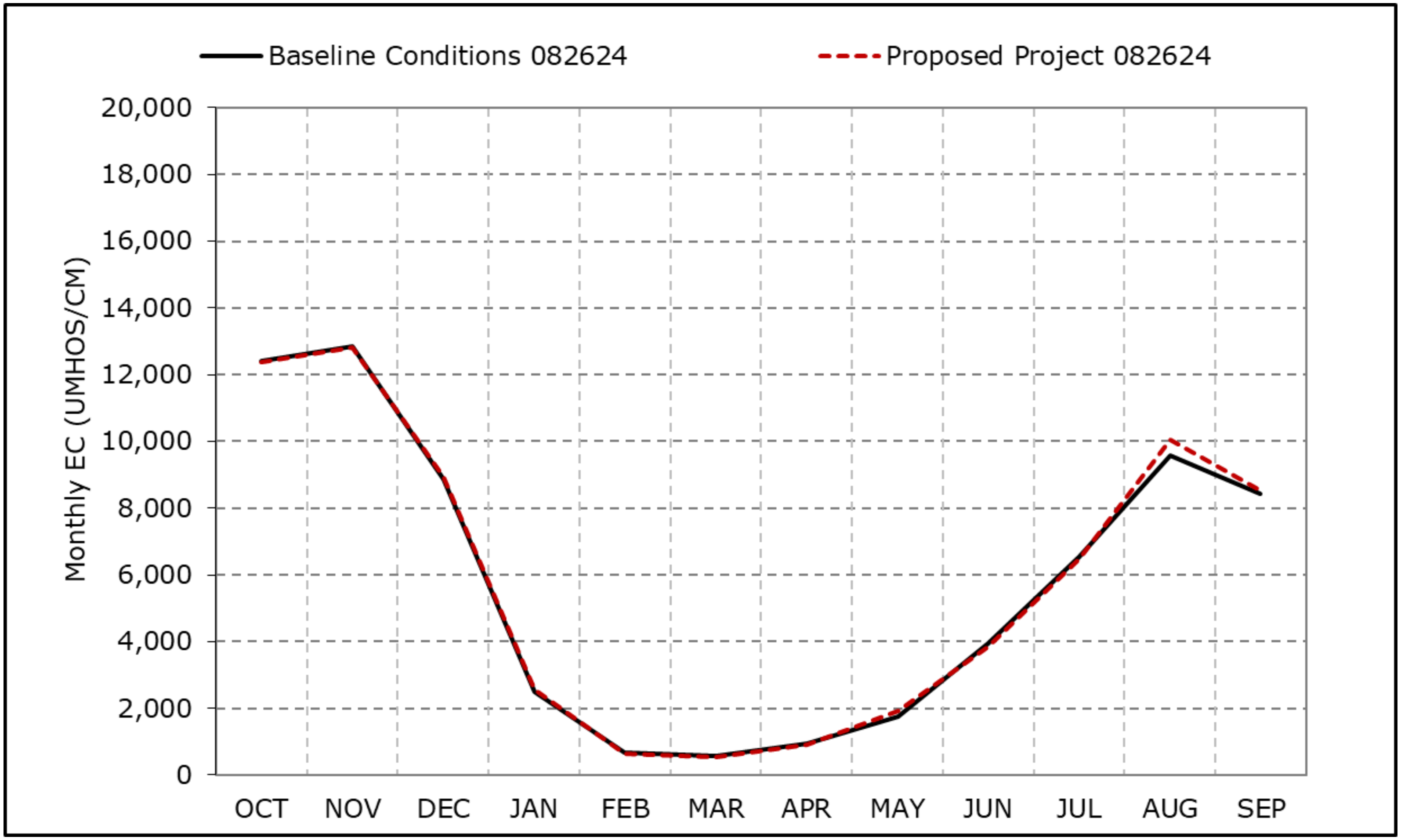
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23b. Suisun Bay near Ryer, Wet Year Average EC



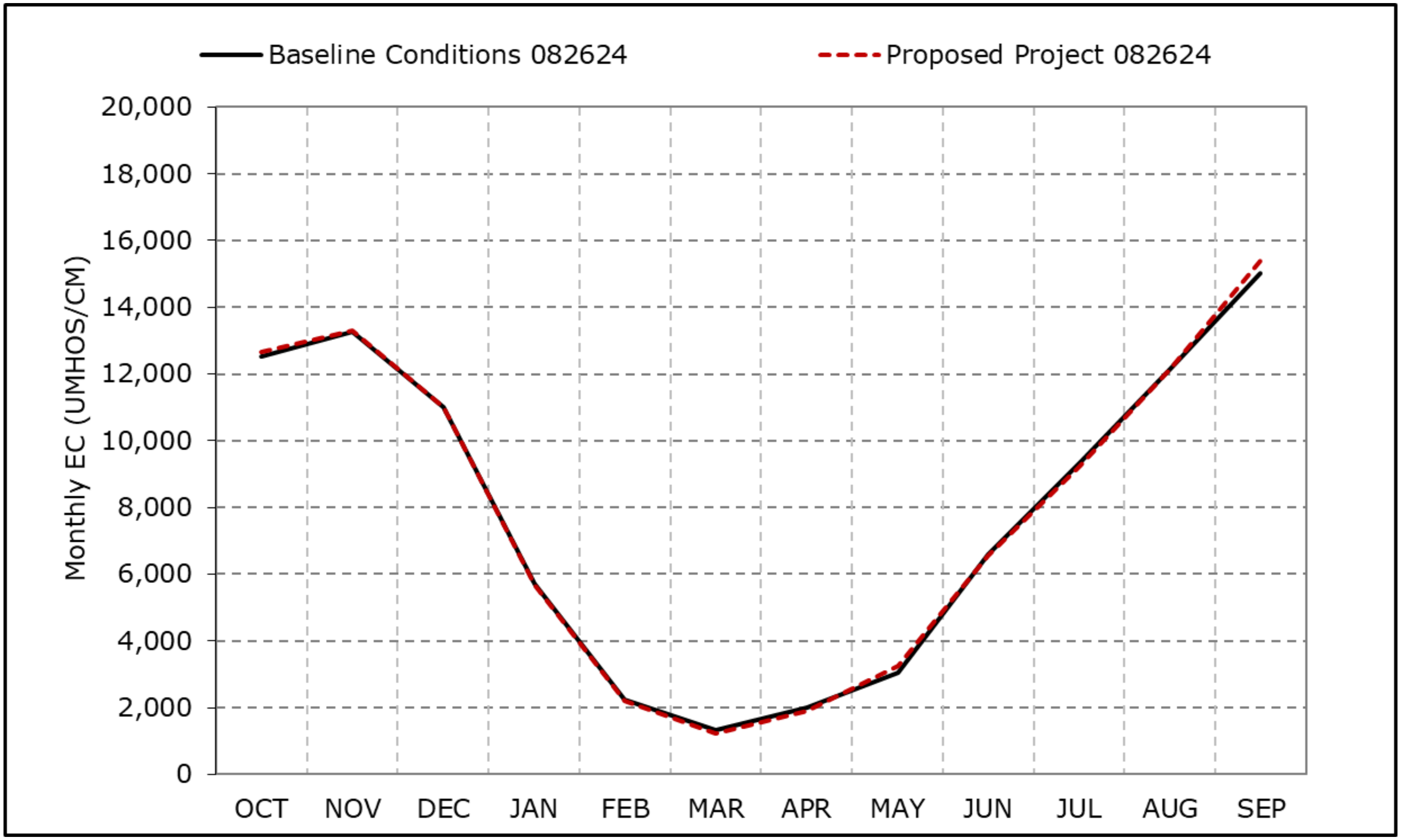
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23c. Suisun Bay near Ryer, Above Normal Year Average EC



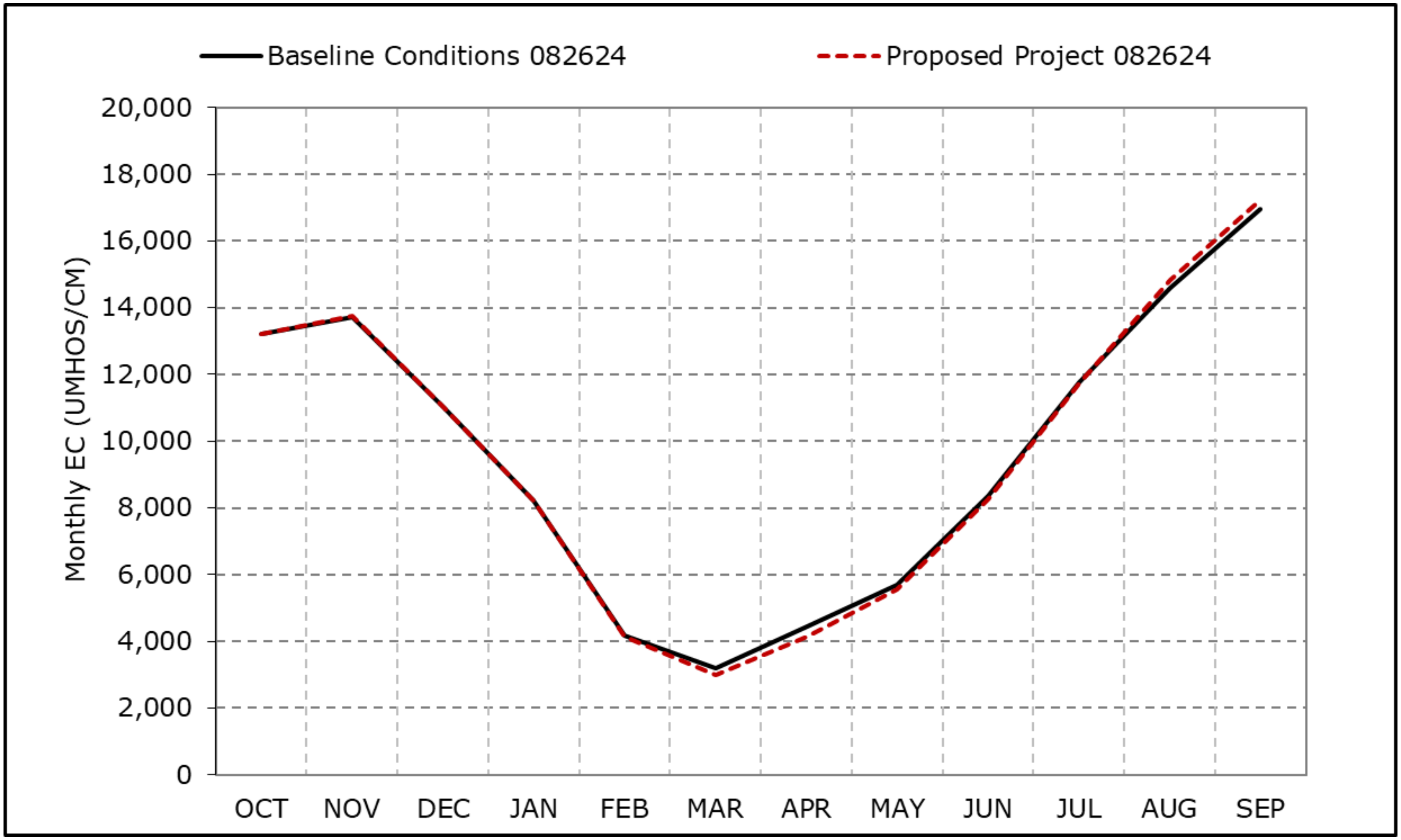
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23d. Suisun Bay near Ryer, Below Normal Year Average EC



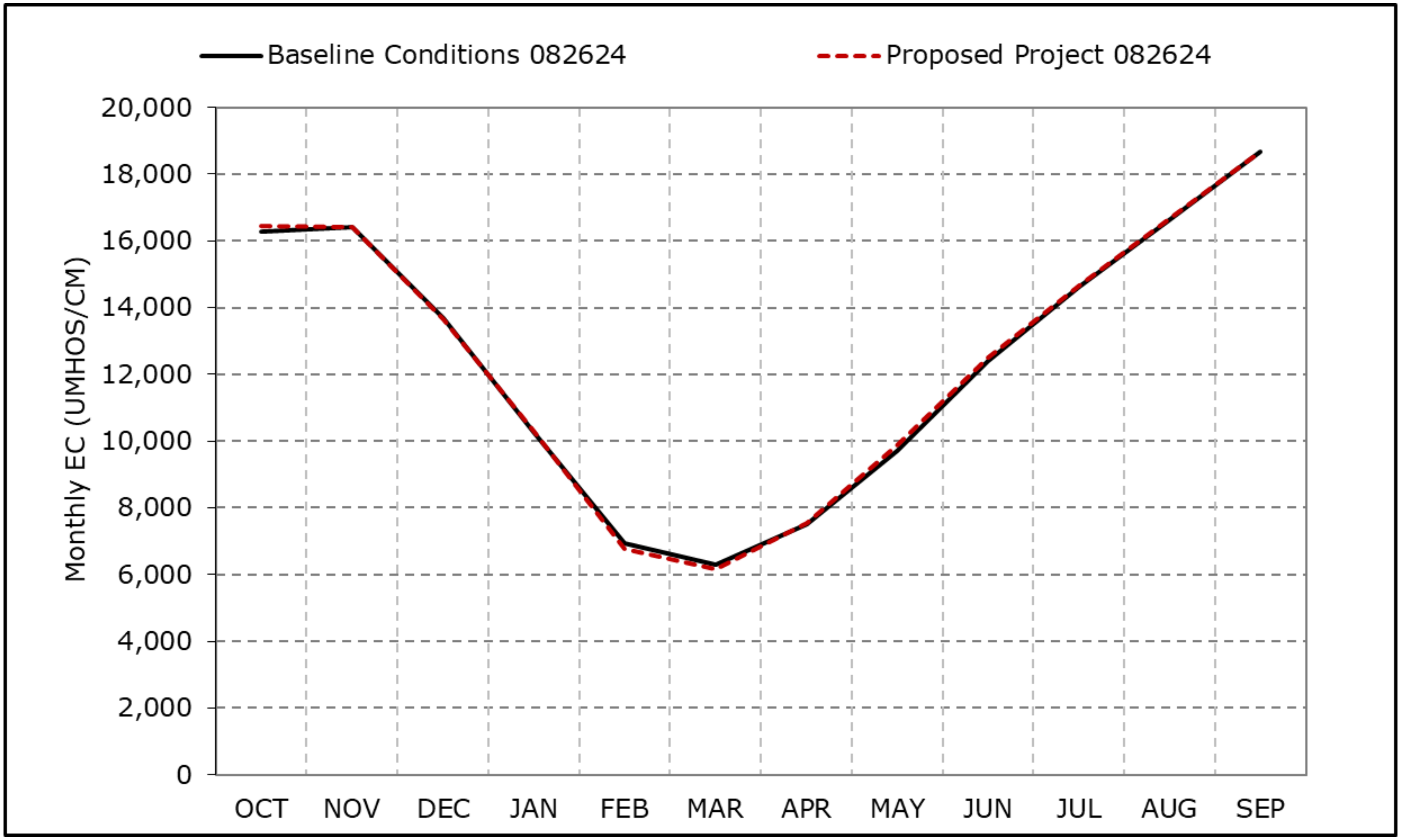
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23e. Suisun Bay near Ryer, Dry Year Average EC



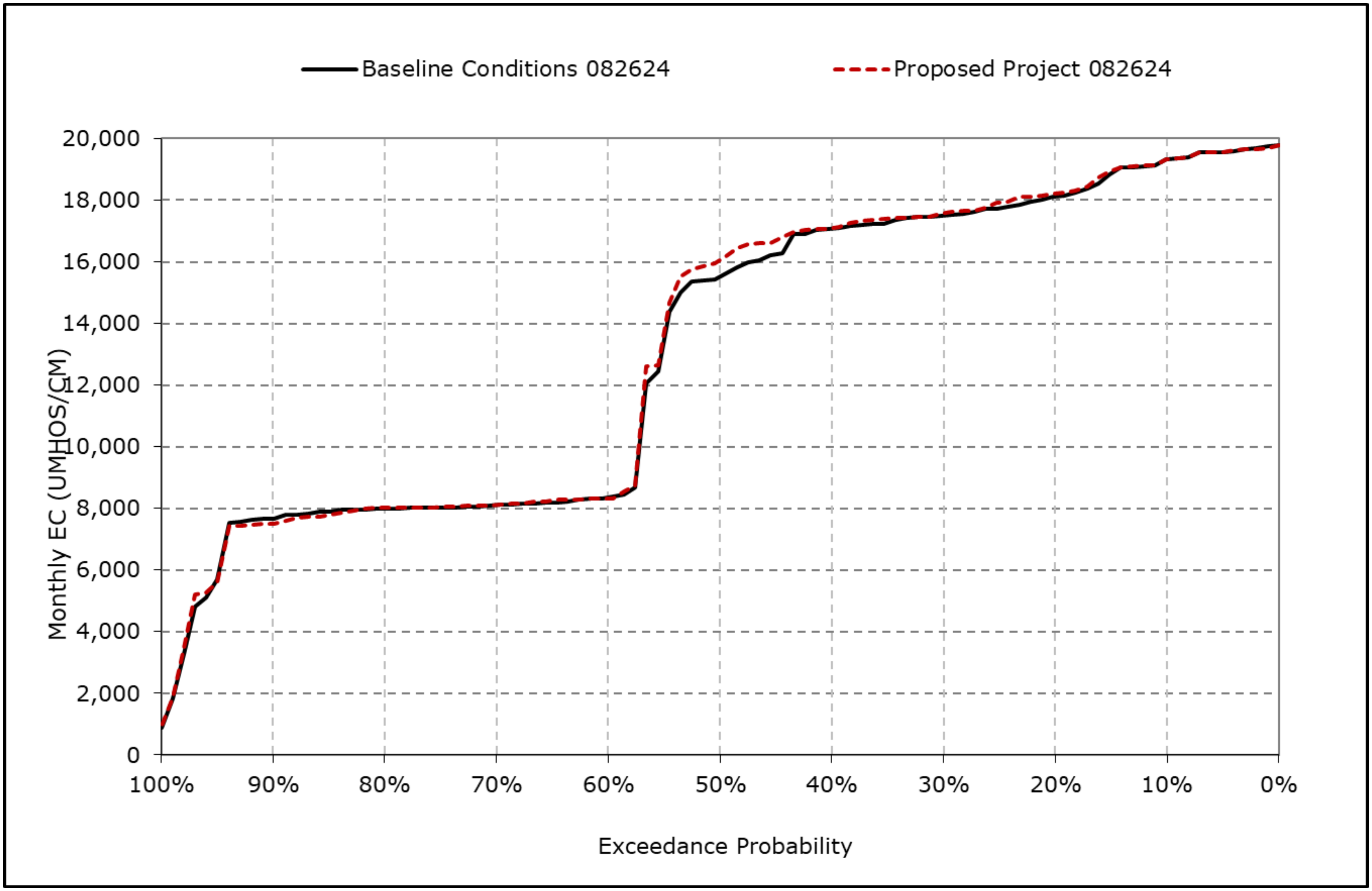
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23f. Suisun Bay near Ryer, Critical Year Average EC



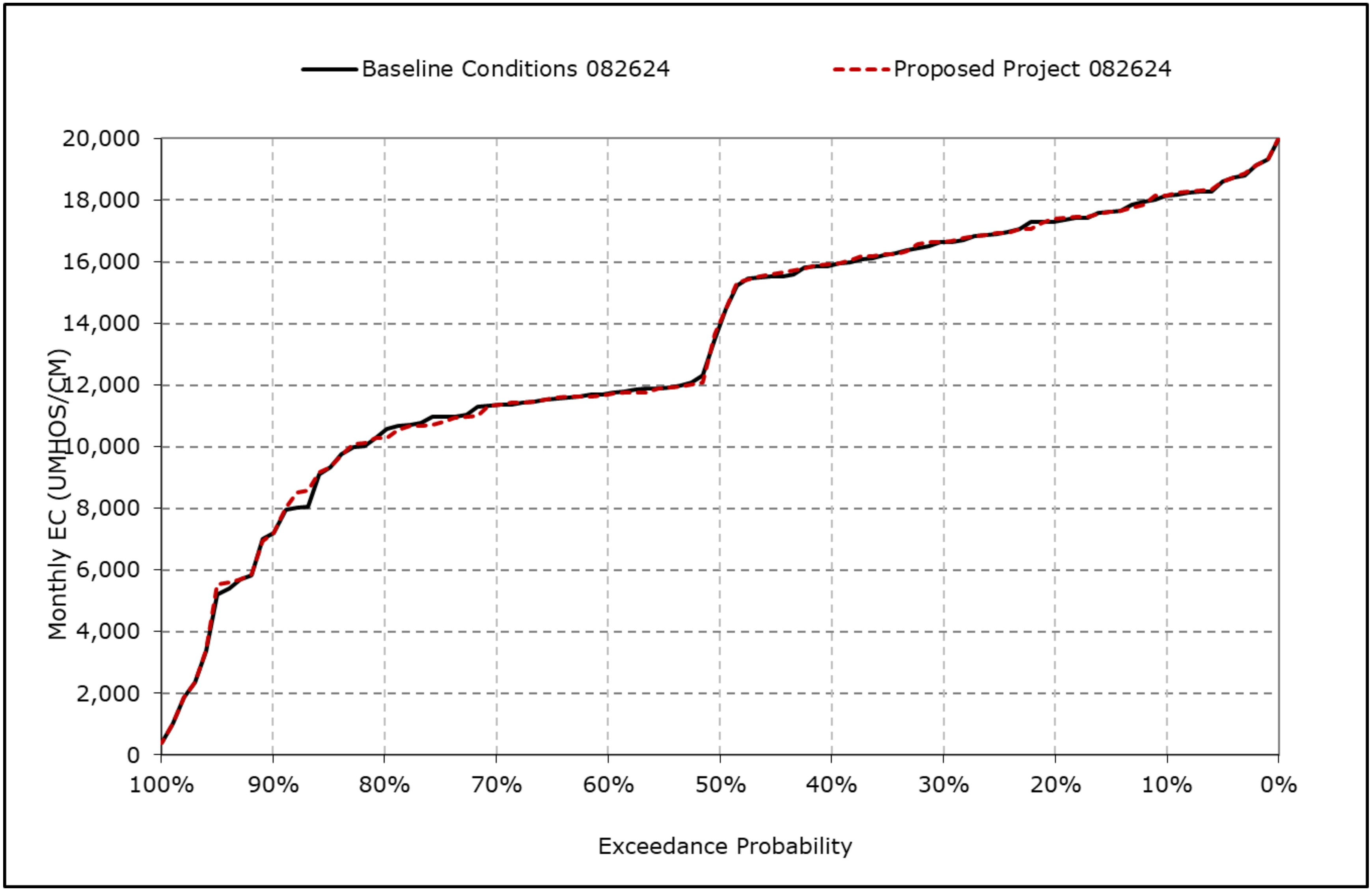
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23g. Suisun Bay near Ryer, October EC



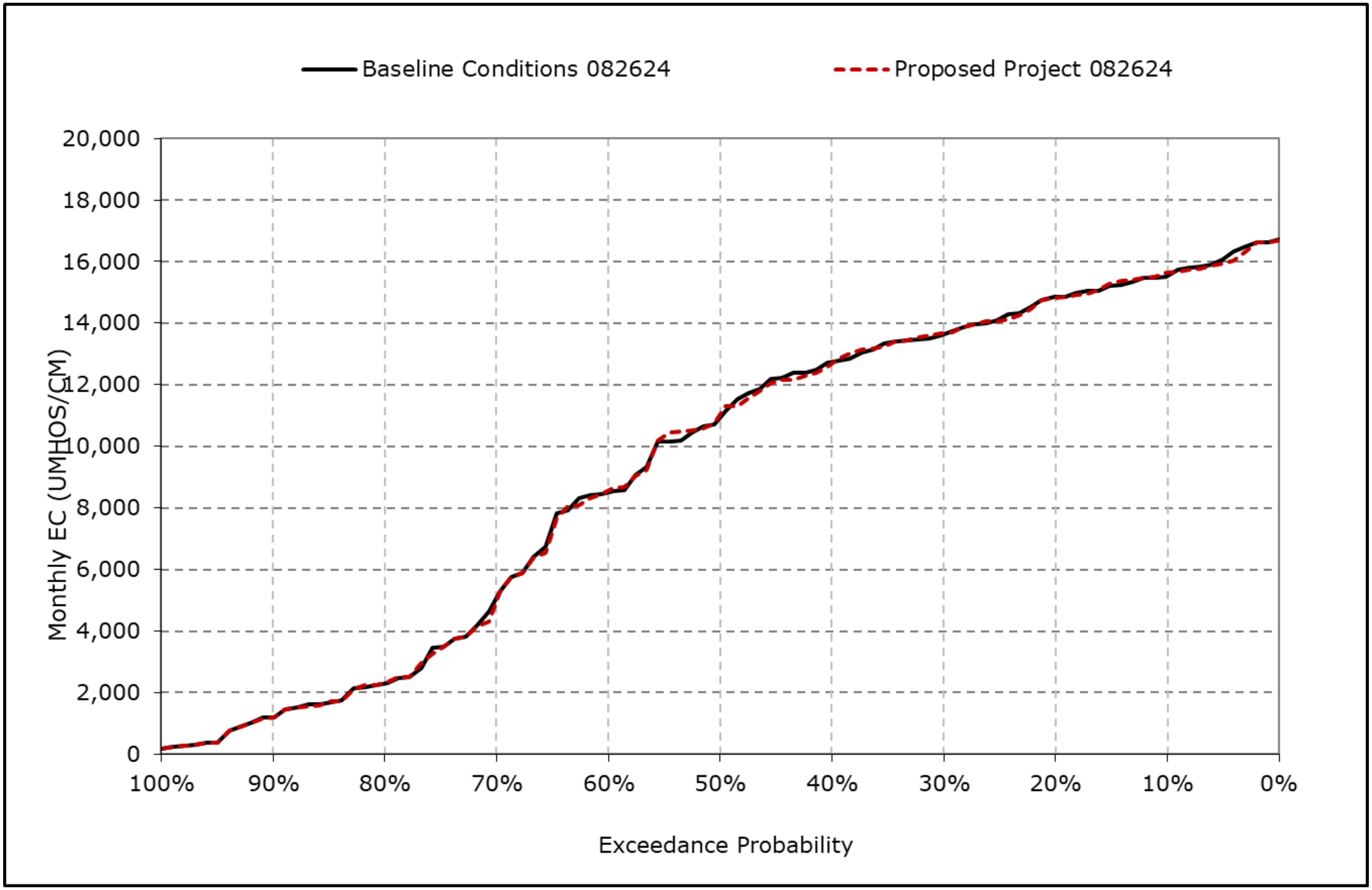
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23h. Suisun Bay near Ryer, November EC



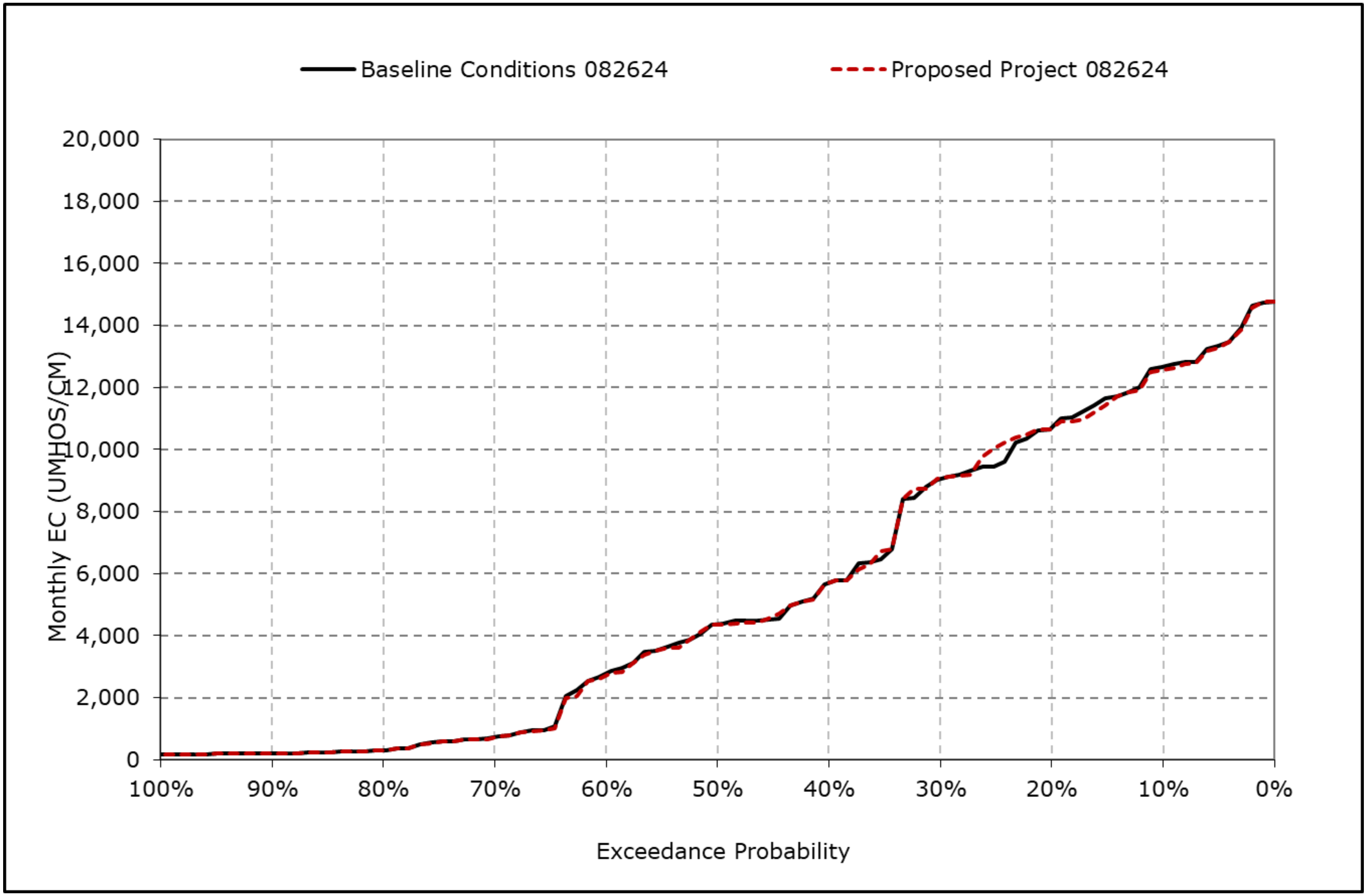
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23i. Suisun Bay near Ryer, December EC



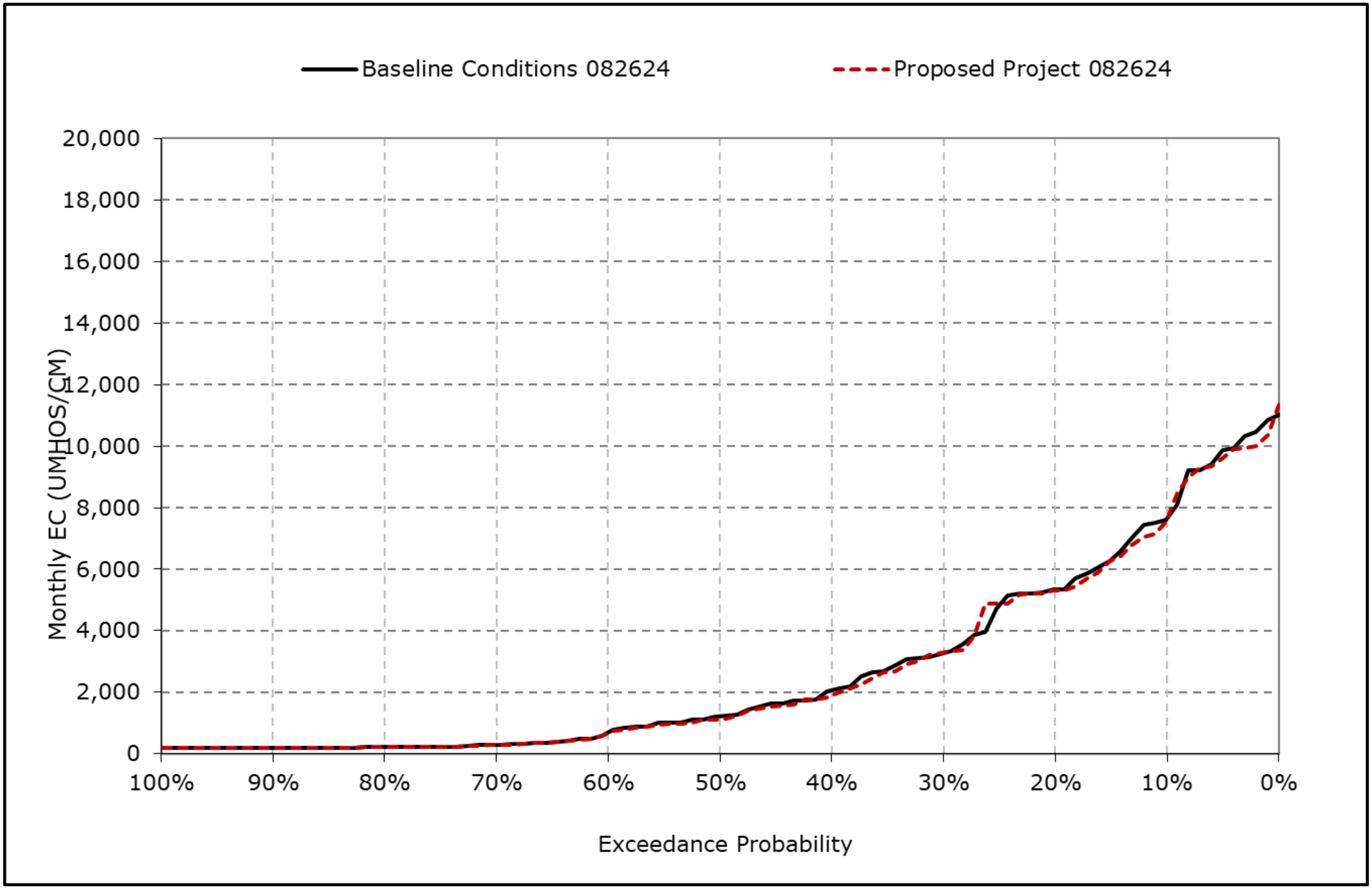
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23j. Suisun Bay near Ryer, January EC



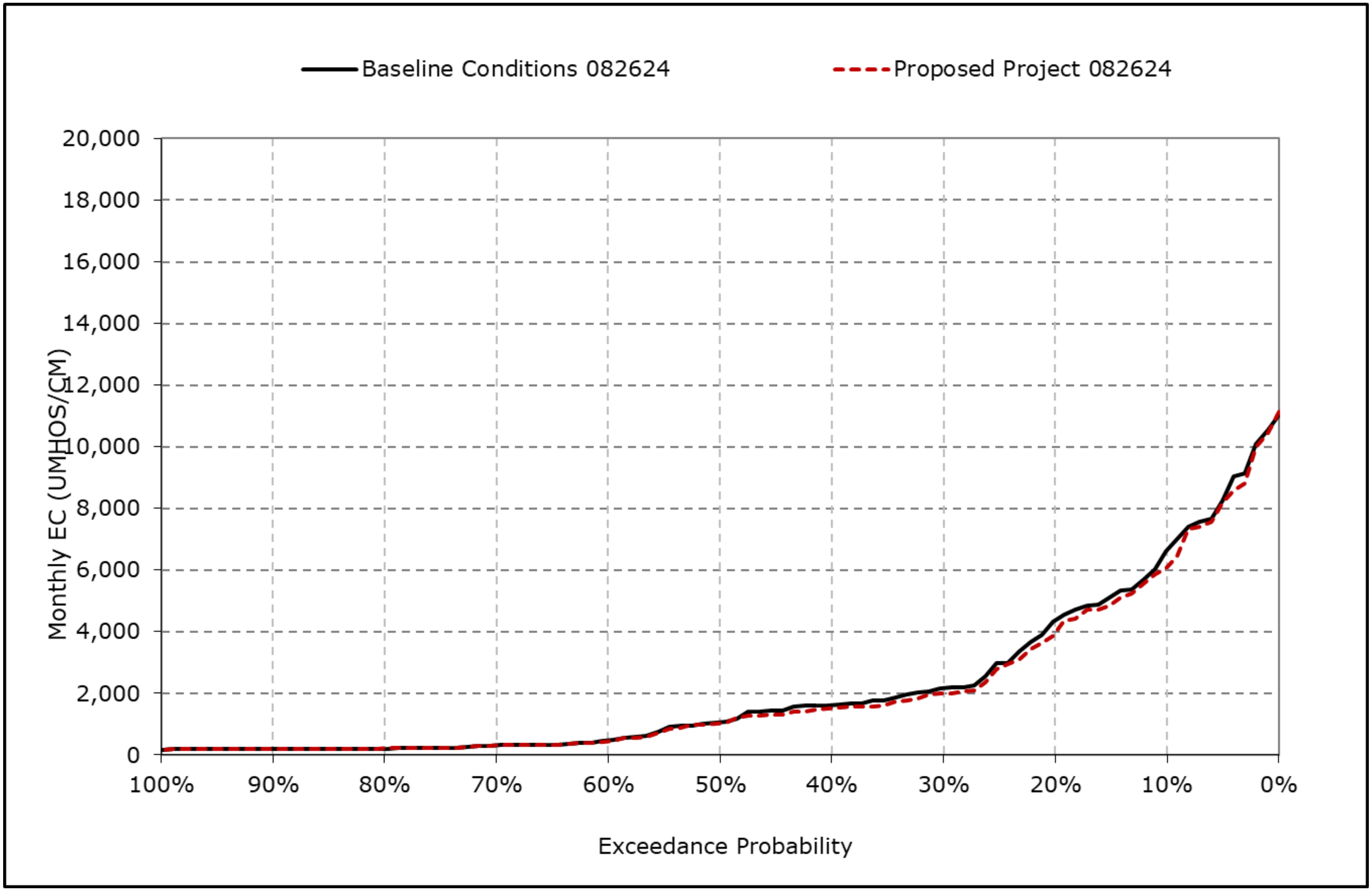
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23k. Suisun Bay near Ryer, February EC



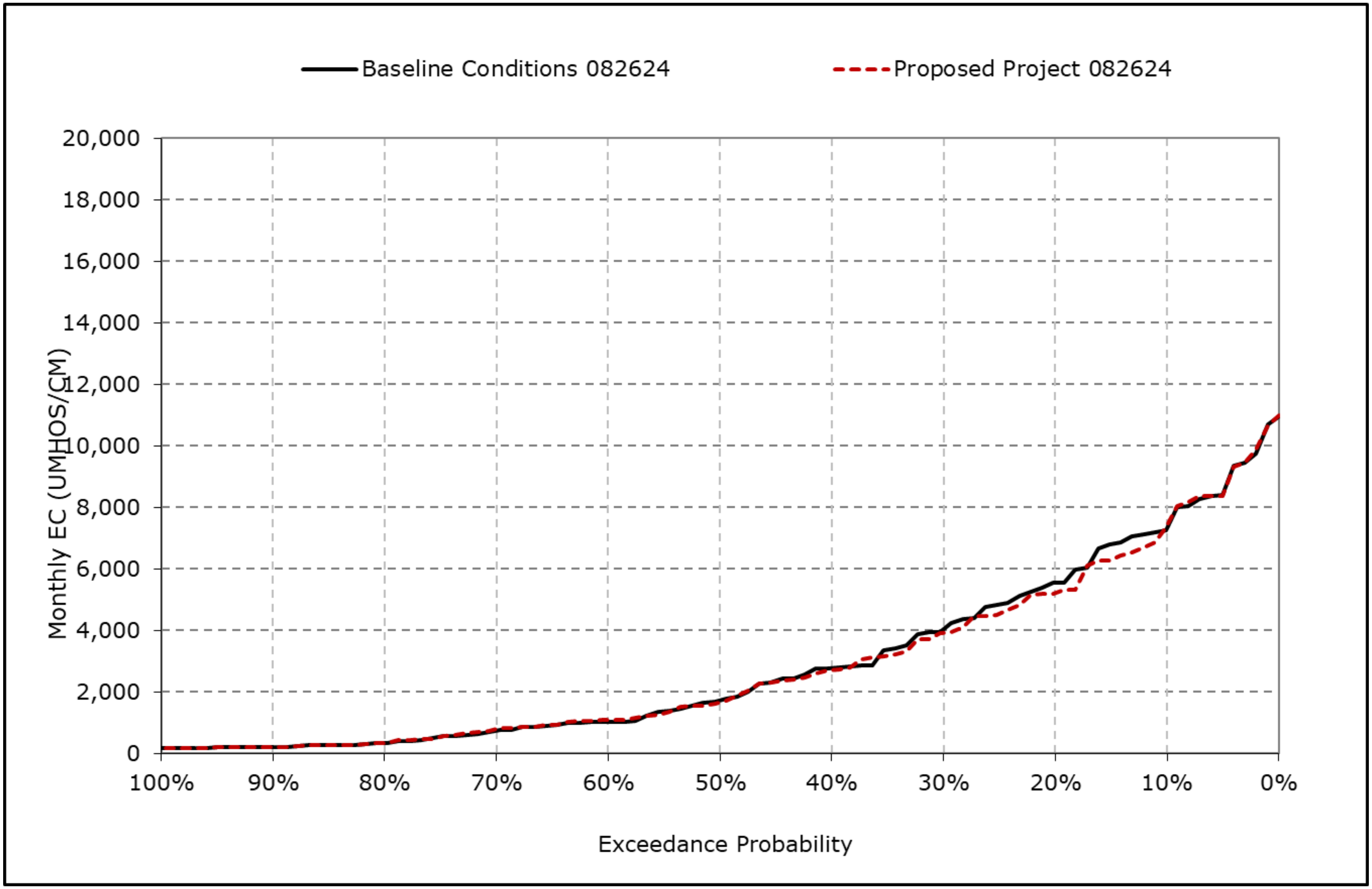
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23l. Suisun Bay near Ryer, March EC



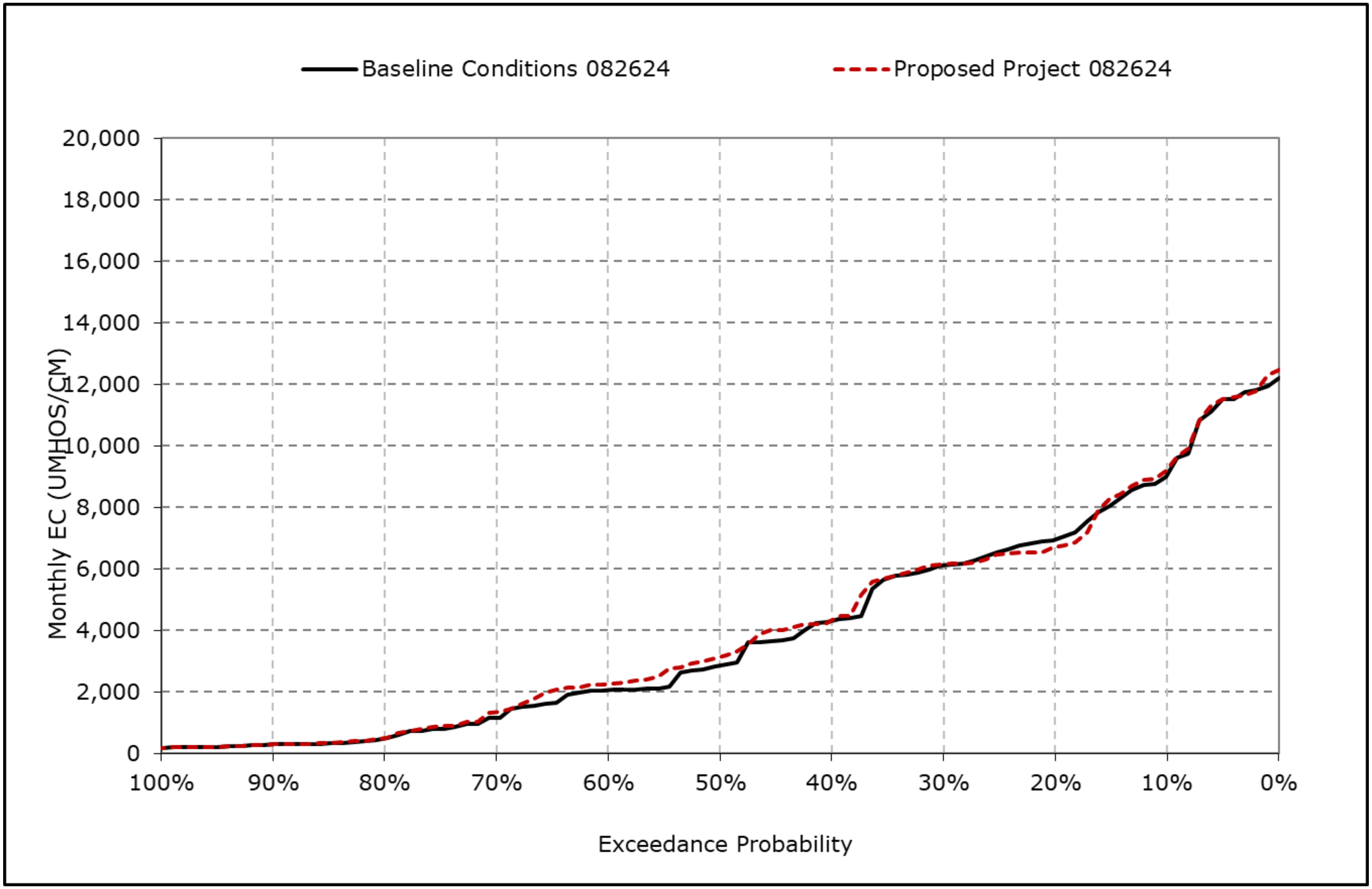
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23m. Suisun Bay near Ryer, April EC



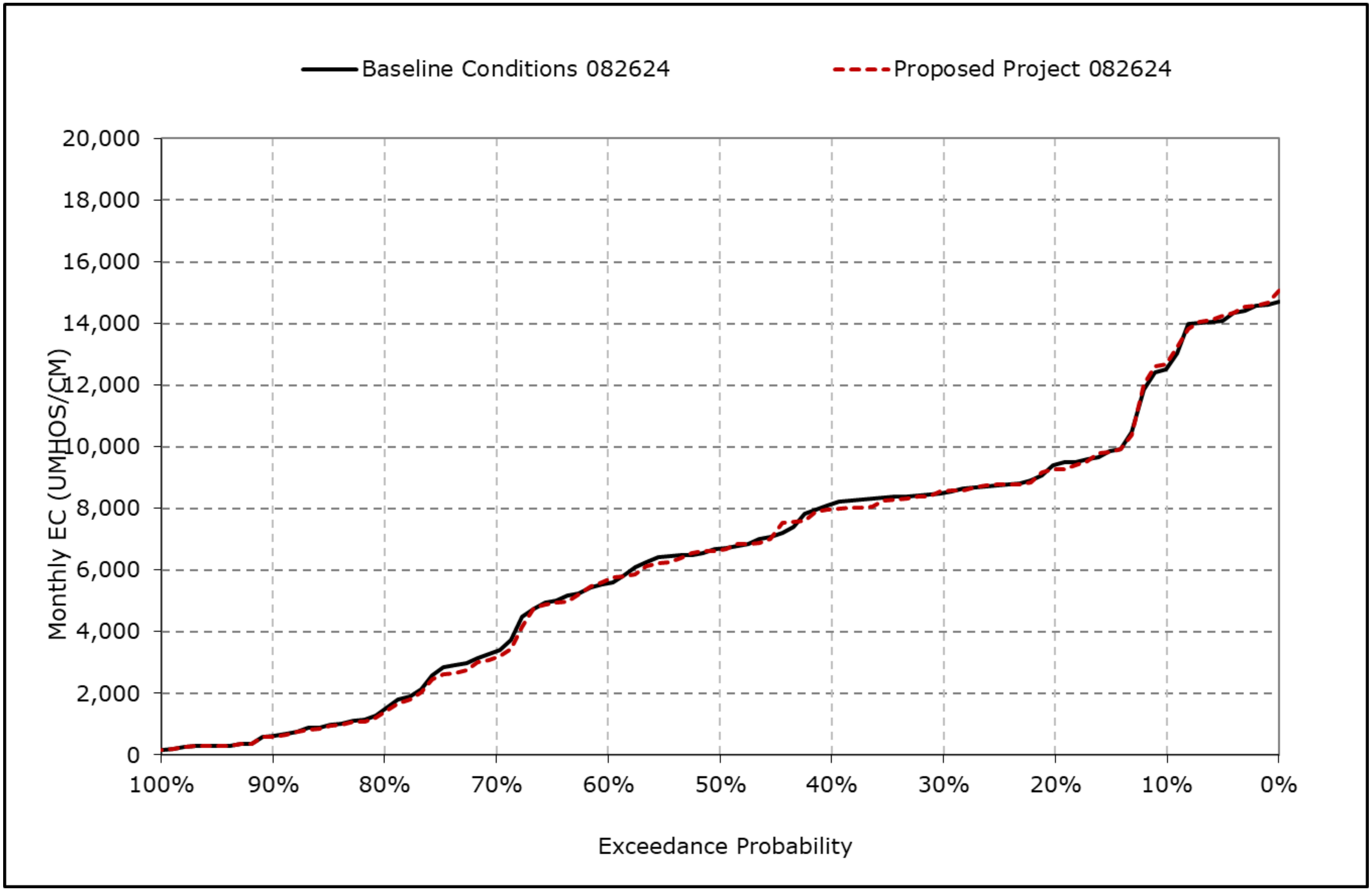
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23n. Suisun Bay near Ryer, May EC



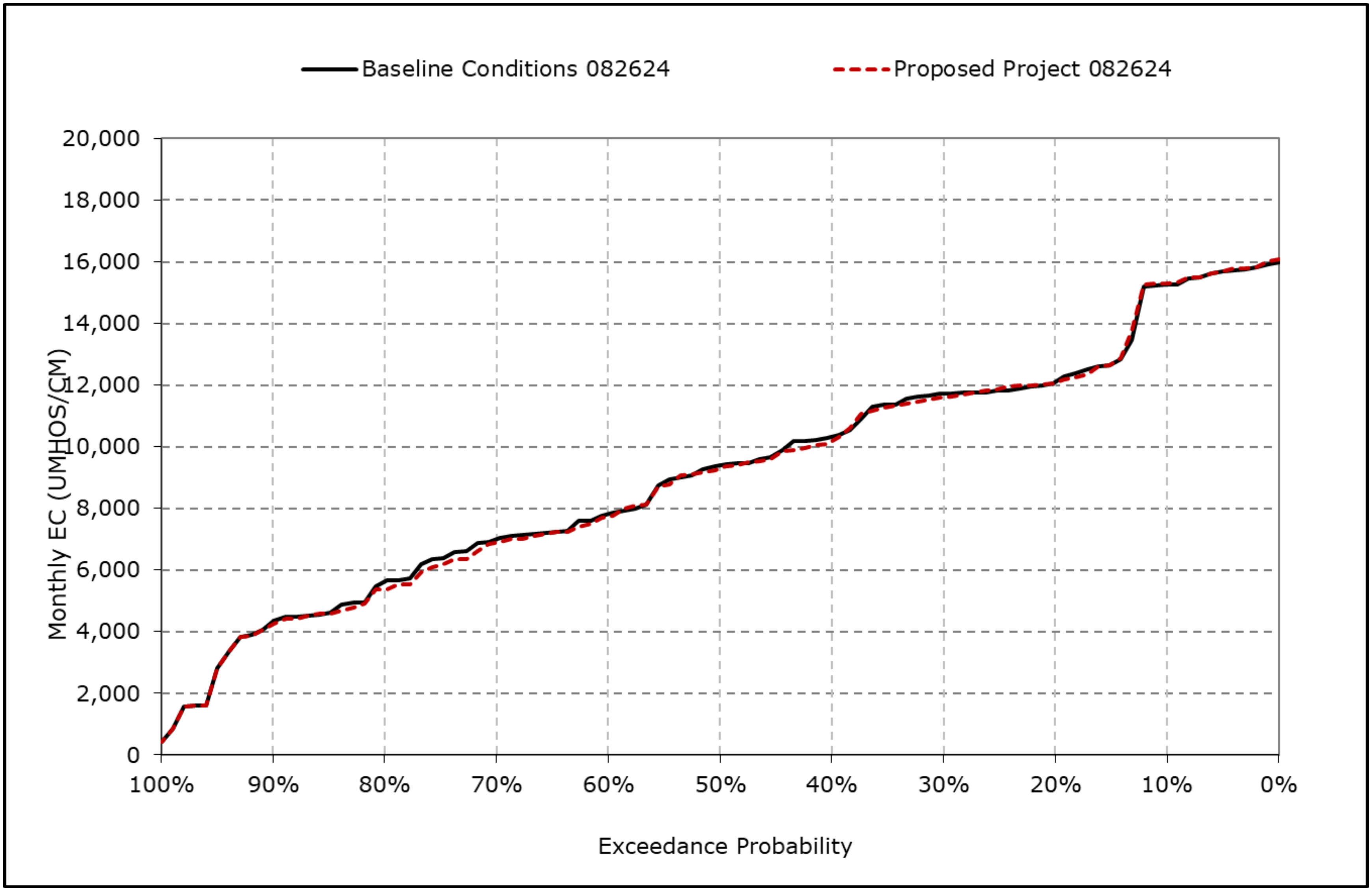
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23o. Suisun Bay near Ryer, June EC



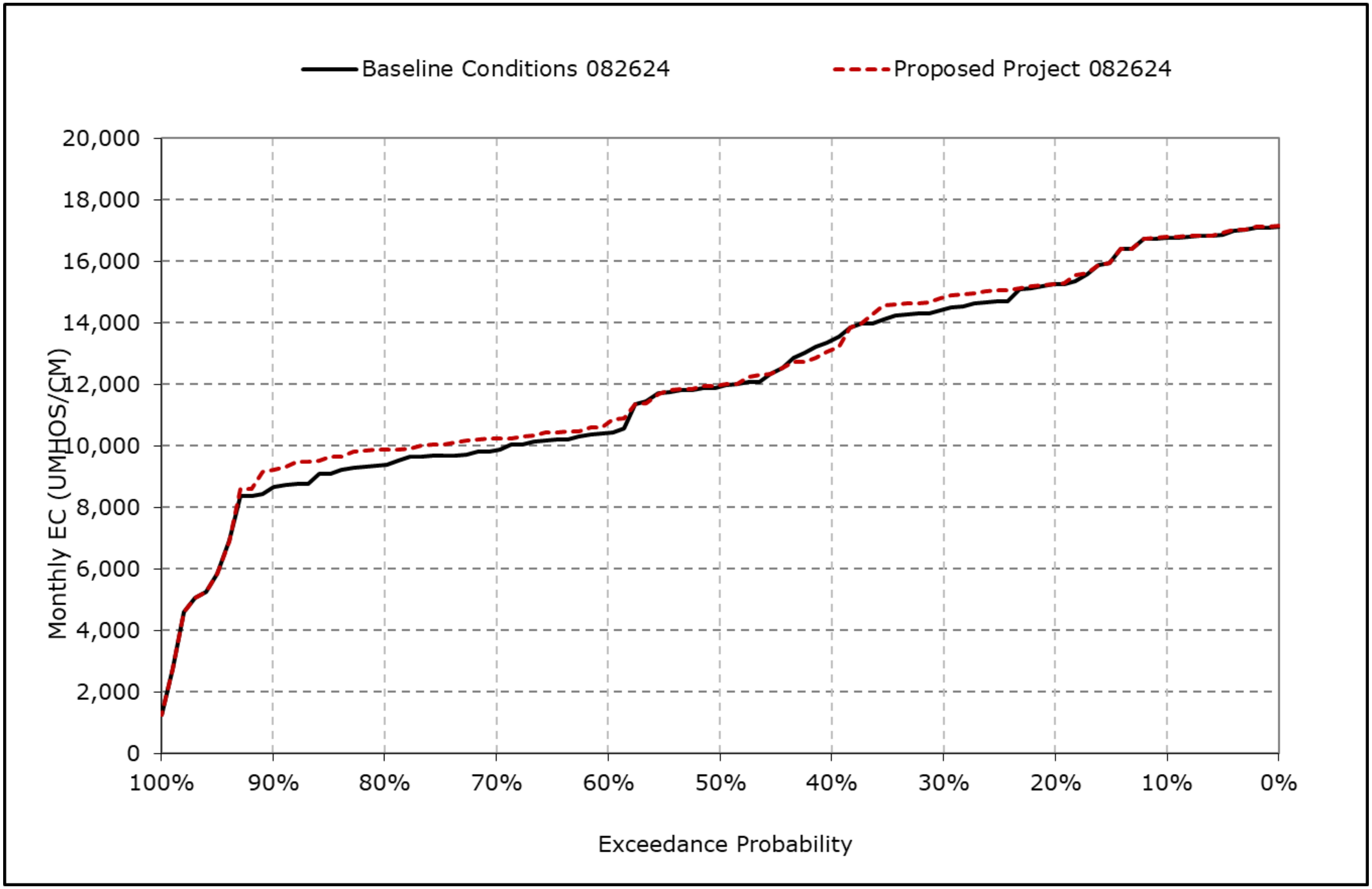
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23p. Suisun Bay near Ryer, July EC



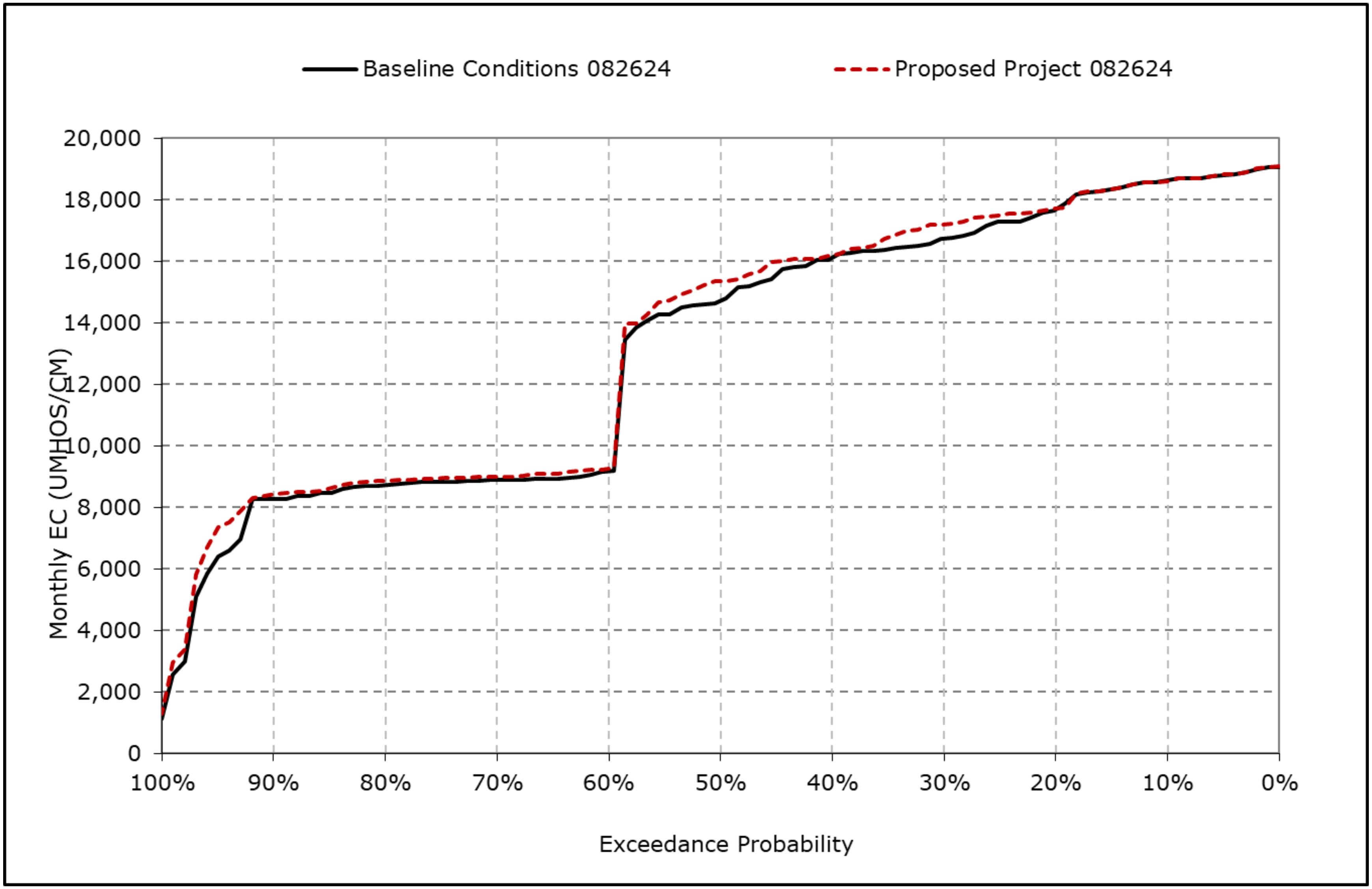
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-23q. Suisun Bay near Ryer, August EC



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

Figure 4B-6-23r. Suisun Bay near Ryer, September EC



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

Table 4B-6-24-1a. Goodyear Slough Outfall at Naval Fleet, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	16,302	15,550	14,071	11,590	8,004	6,794	7,639	8,503	11,759	14,928	16,824	16,663
20% Exceedance	15,813	14,784	13,488	10,342	6,726	4,521	5,511	7,472	9,204	11,671	14,408	15,350
30% Exceedance	15,178	14,206	13,004	9,428	5,551	3,662	3,741	6,436	8,069	9,755	12,410	14,033
40% Exceedance	14,607	13,551	12,283	8,582	4,325	2,721	3,023	4,592	7,048	8,810	9,866	13,230
50% Exceedance	14,085	12,743	10,848	6,799	3,443	1,830	2,208	3,297	5,514	8,360	9,265	12,652
60% Exceedance	9,984	11,498	9,468	4,940	1,698	1,501	1,748	2,247	4,599	7,341	8,762	11,575
70% Exceedance	9,780	11,026	7,647	2,507	1,255	1,030	1,253	1,749	2,790	6,063	8,148	11,190
80% Exceedance	9,528	10,234	6,739	1,526	905	835	1,053	1,036	1,605	3,747	7,678	10,274
90% Exceedance	8,974	8,495	5,261	904	727	733	790	754	842	2,489	6,191	8,866
Full Simulation Period Average[a]	12,505	12,203	9,993	6,385	3,791	2,789	3,228	4,207	5,910	8,201	10,354	12,485
Wet Water Years (32%)	11,752	10,812	6,987	2,650	1,133	889	1,025	1,357	2,166	4,435	7,731	9,850
Above Normal Years (9%)	11,978	11,811	9,891	5,345	2,041	1,423	1,572	2,077	3,531	5,030	6,386	9,033
Below Normal Years (20%)	12,031	12,069	11,007	7,154	3,652	2,460	2,502	3,449	5,463	7,621	8,405	12,824
Dry Water Years (21%)	12,595	12,780	11,209	8,613	5,743	3,876	4,582	6,051	7,941	10,526	12,603	14,062
Critical Water Years (18%)	14,527	14,351	12,842	10,092	7,271	5,947	7,201	9,028	11,885	14,415	16,545	16,677

Table 4B-6-24-1b. Goodyear Slough Outfall at Naval Fleet, Proposed Project 082624, Monthly EC (UMHOS/CM)

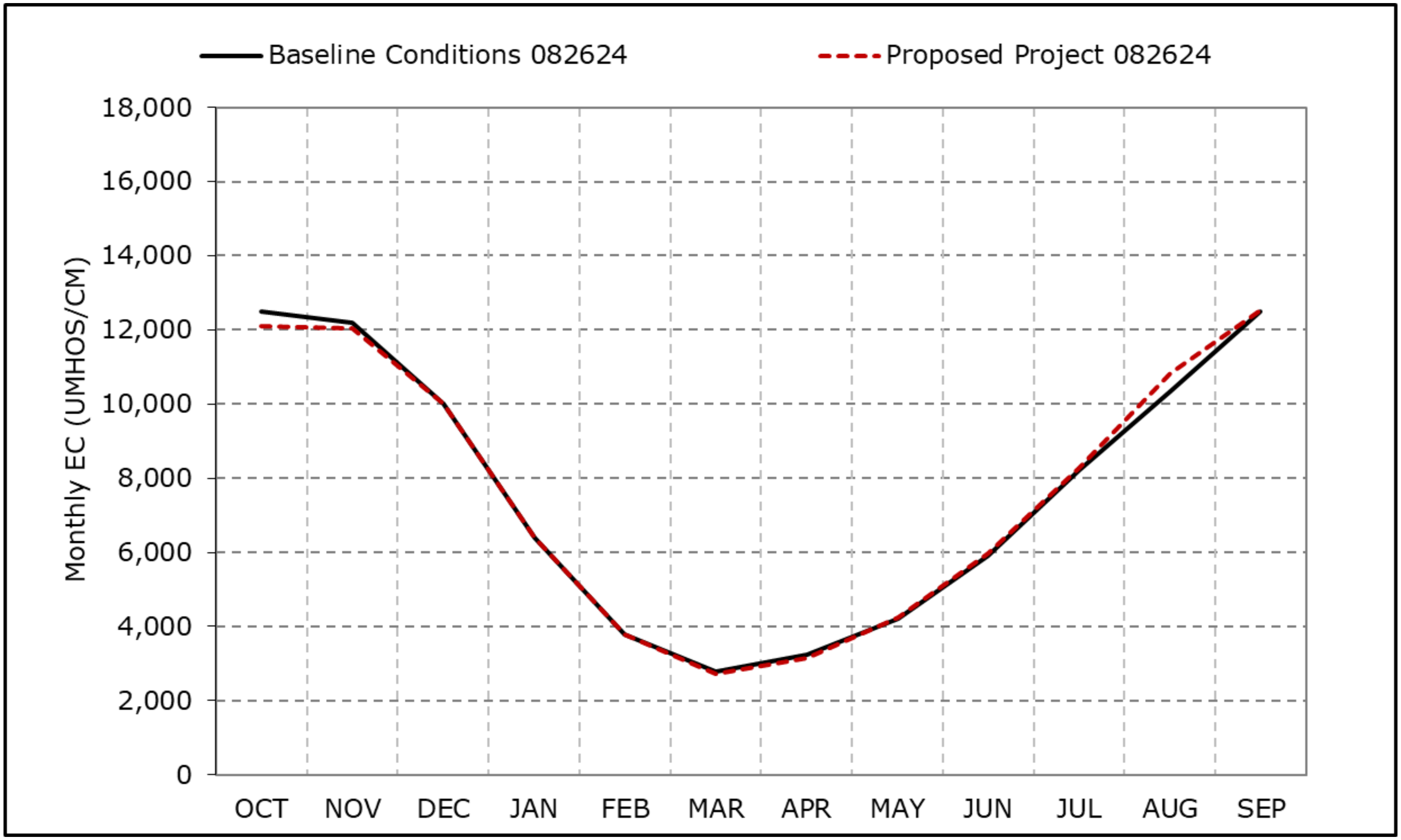
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	16,195	15,556	14,080	11,732	8,521	6,467	7,544	8,620	11,942	15,013	16,851	16,671
20% Exceedance	15,256	14,732	13,355	10,672	6,451	4,399	5,225	7,101	8,925	11,559	14,311	15,192
30% Exceedance	14,626	13,920	12,985	9,370	5,578	3,429	3,491	6,273	8,100	10,196	12,624	14,088
40% Exceedance	14,298	13,401	12,139	8,480	4,184	2,536	2,963	4,758	6,997	9,209	10,553	13,268
50% Exceedance	13,369	12,439	10,934	6,810	3,181	1,799	2,197	3,489	5,848	8,404	9,694	12,187
60% Exceedance	9,994	11,544	9,456	4,914	1,685	1,460	1,698	2,357	4,801	7,630	9,336	11,599
70% Exceedance	9,810	10,631	7,906	2,922	1,245	1,042	1,285	1,861	2,792	5,766	9,025	11,378
80% Exceedance	9,540	9,690	6,137	1,545	920	841	1,085	1,058	1,597	3,792	8,178	11,079
90% Exceedance	7,166	8,346	5,157	909	725	741	800	763	824	2,548	7,227	9,030
Full Simulation Period Average[a]	12,088	12,038	9,995	6,391	3,775	2,730	3,161	4,226	5,963	8,288	10,824	12,533
Wet Water Years (32%)	11,358	10,705	7,018	2,712	1,160	894	1,053	1,461	2,216	4,318	7,851	10,176
Above Normal Years (9%)	11,590	11,610	9,900	5,247	1,923	1,371	1,538	2,162	3,623	5,304	7,580	9,032
Below Normal Years (20%)	11,672	11,875	11,053	7,153	3,631	2,383	2,399	3,505	5,605	8,051	9,535	12,300
Dry Water Years (21%)	12,169	12,641	11,175	8,501	5,619	3,699	4,311	5,820	7,836	10,547	13,050	14,286
Critical Water Years (18%)	14,001	14,101	12,784	10,195	7,359	5,929	7,227	9,115	12,009	14,465	16,569	16,689

Table 4B-6-24-1c. Goodyear Slough Outfall at Naval Fleet, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-107	6	9	142	518	-327	-94	117	184	85	28	8
20% Exceedance	-557	-51	-133	331	-276	-122	-286	-371	-279	-111	-97	-158
30% Exceedance	-552	-286	-20	-58	26	-232	-250	-163	31	440	214	55
40% Exceedance	-309	-150	-144	-102	-141	-185	-60	166	-51	399	688	37
50% Exceedance	-716	-304	86	11	-262	-30	-10	191	334	44	429	-464
60% Exceedance	10	45	-12	-26	-14	-40	-50	109	202	289	574	24
70% Exceedance	30	-395	259	414	-10	12	32	112	2	-296	876	188
80% Exceedance	12	-543	-603	19	15	6	32	22	-8	45	499	805
90% Exceedance	-1,808	-148	-104	5	-2	7	10	9	-17	59	1,036	164
Full Simulation Period Average[a]	-417	-165	2	6	-16	-59	-67	19	53	86	470	49
Wet Water Years (32%)	-394	-107	31	62	27	5	28	103	50	-117	120	326
Above Normal Years (9%)	-387	-201	9	-98	-118	-52	-35	84	92	274	1,194	-1
Below Normal Years (20%)	-360	-194	46	-1	-21	-77	-103	57	141	430	1,130	-524
Dry Water Years (21%)	-426	-139	-34	-112	-124	-177	-271	-231	-105	20	448	225
Critical Water Years (18%)	-526	-251	-58	103	89	-18	27	87	124	50	24	12

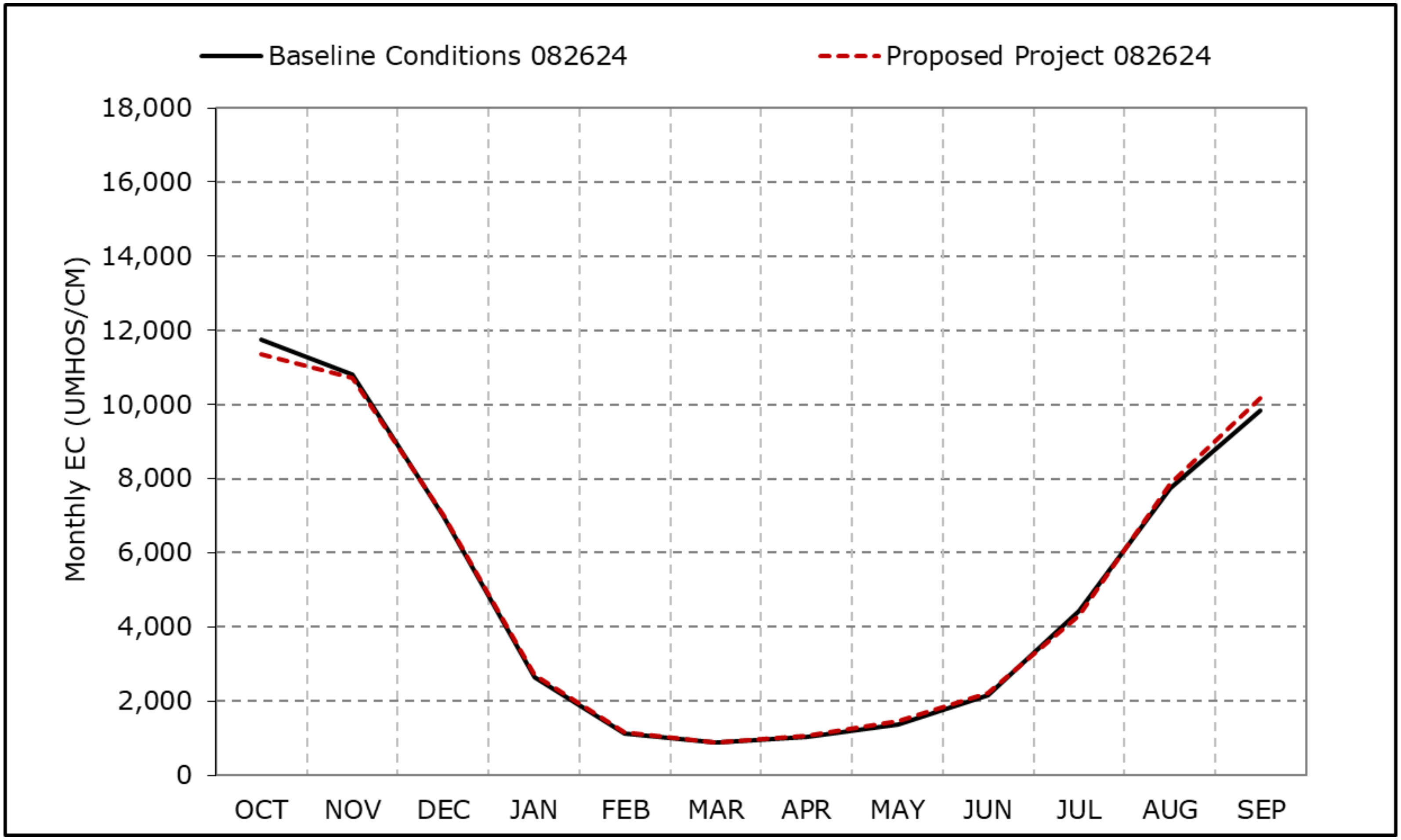
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-24a. Goodyear Slough Outfall at Naval Fleet, Long-Term Average EC



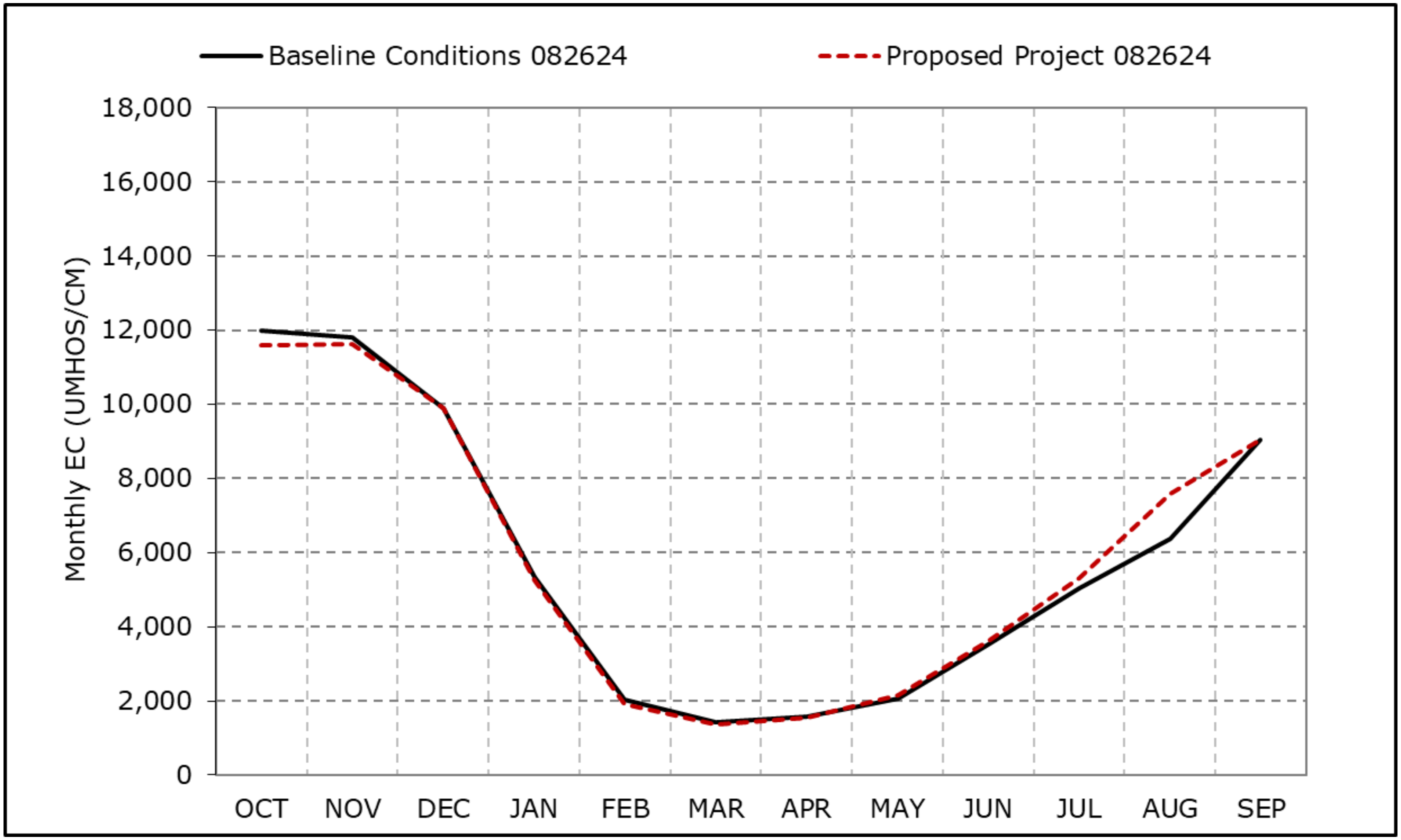
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24b. Goodyear Slough Outfall at Naval Fleet, Wet Year Average EC



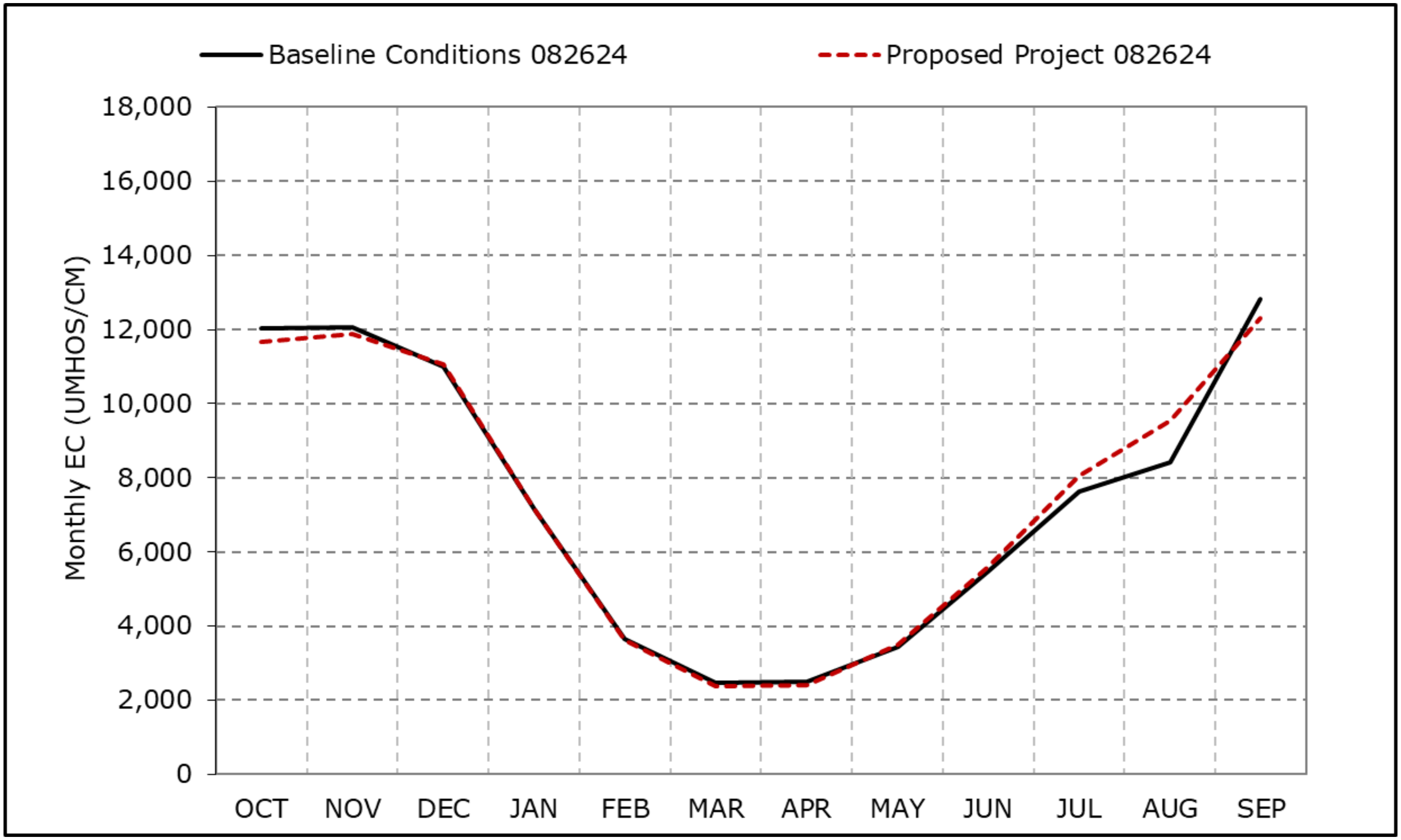
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24c. Goodyear Slough Outfall at Naval Fleet, Above Normal Year Average EC



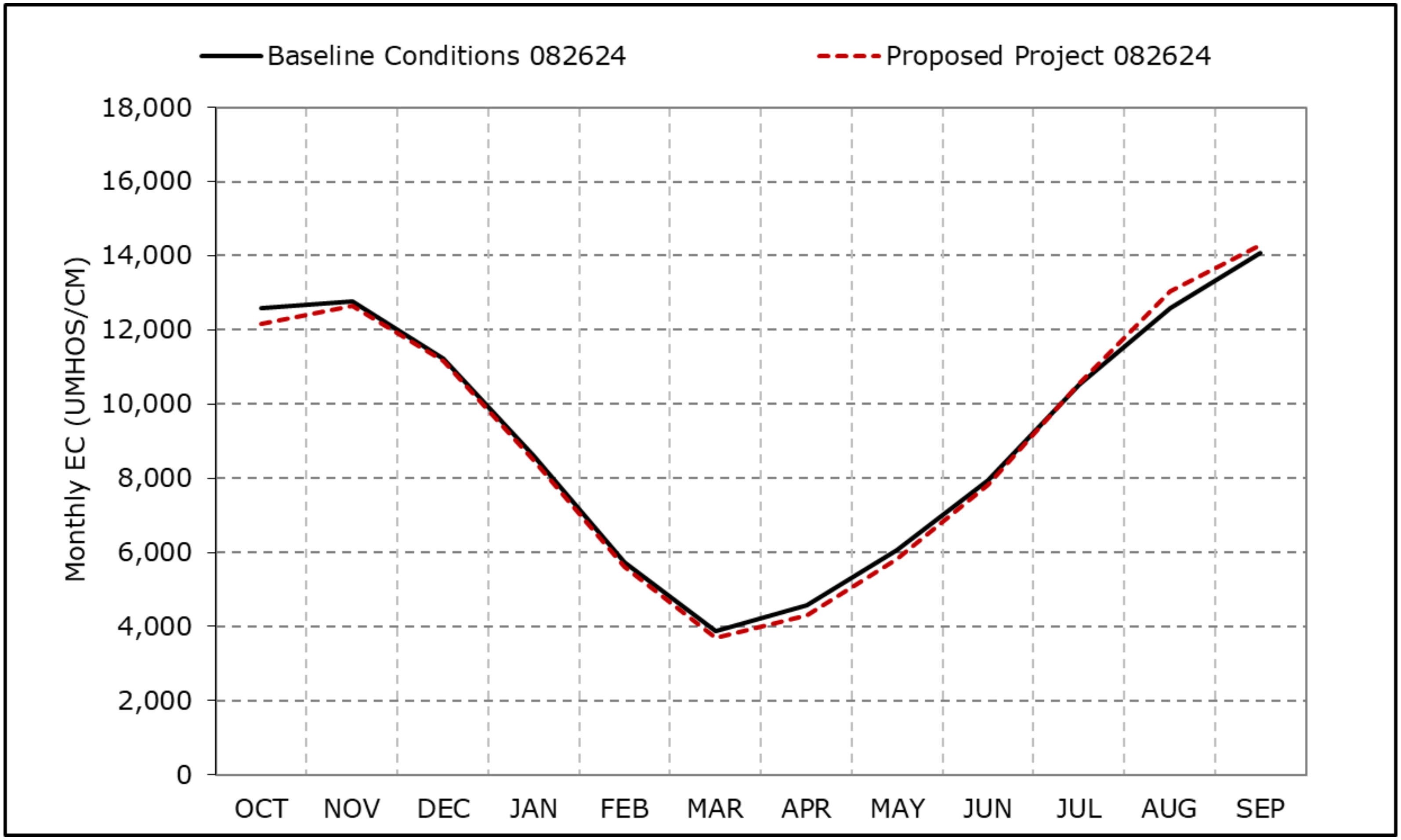
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24d. Goodyear Slough Outfall at Naval Fleet, Below Normal Year Average EC



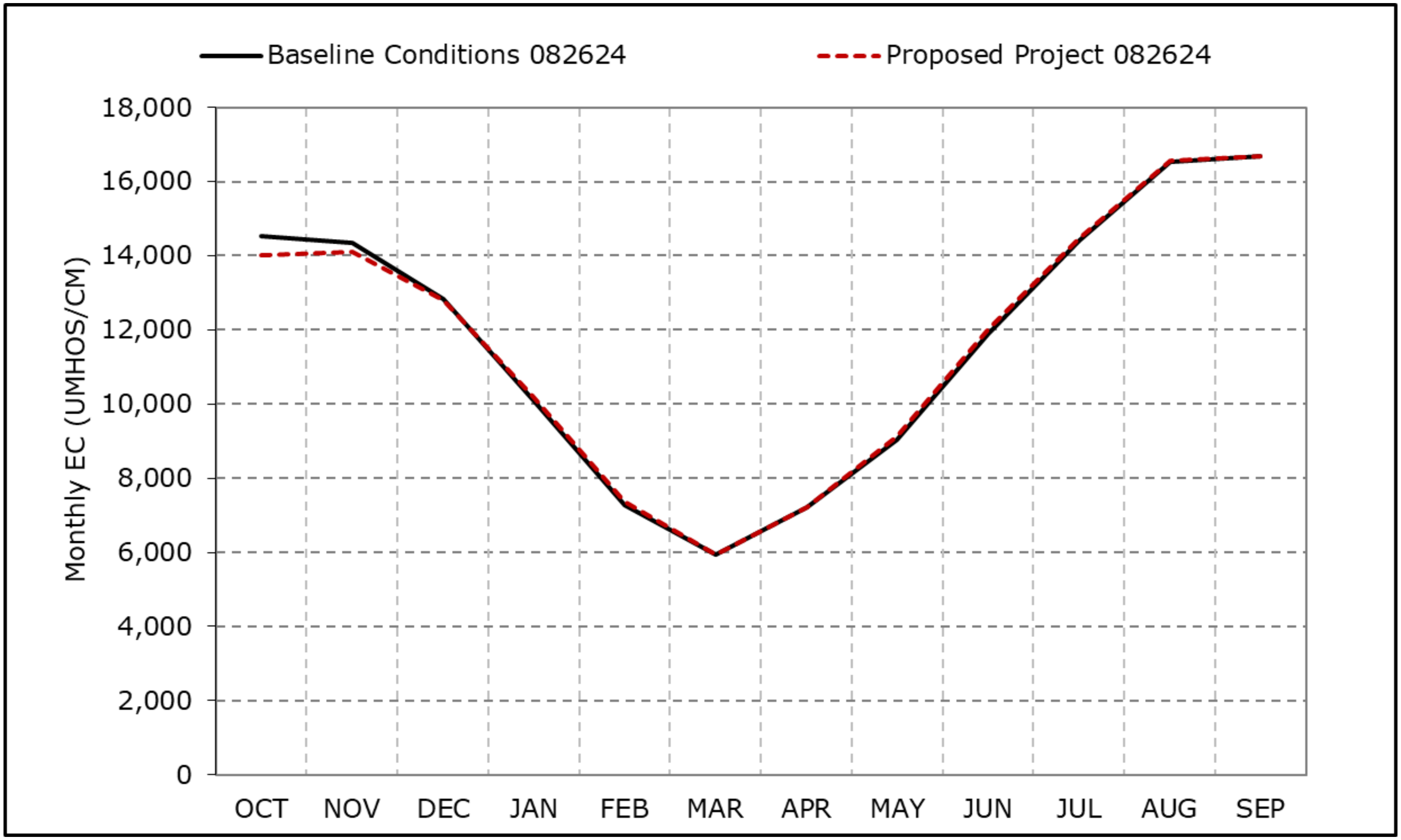
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24e. Goodyear Slough Outfall at Naval Fleet, Dry Year Average EC



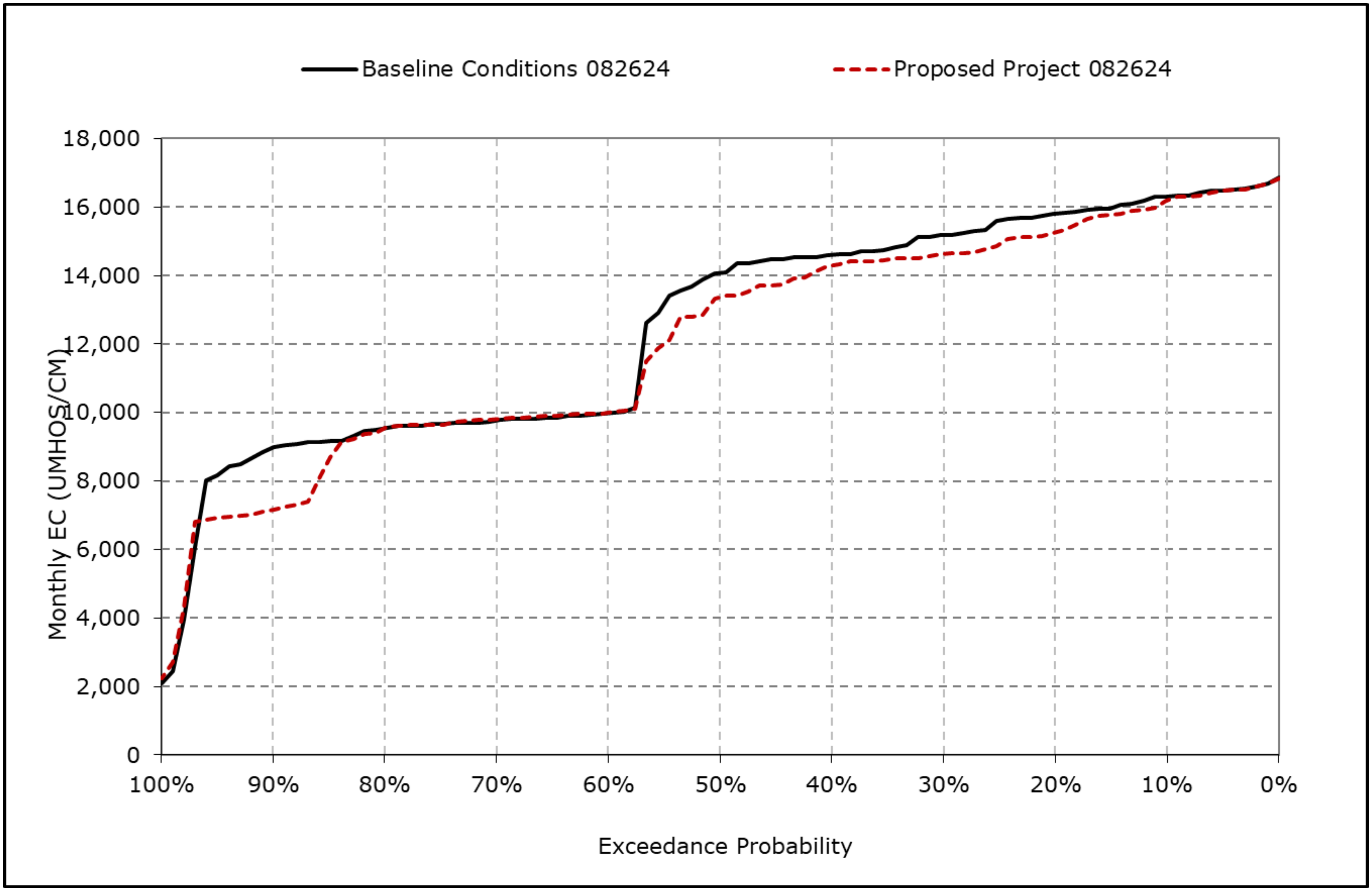
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24f. Goodyear Slough Outfall at Naval Fleet, Critical Year Average EC



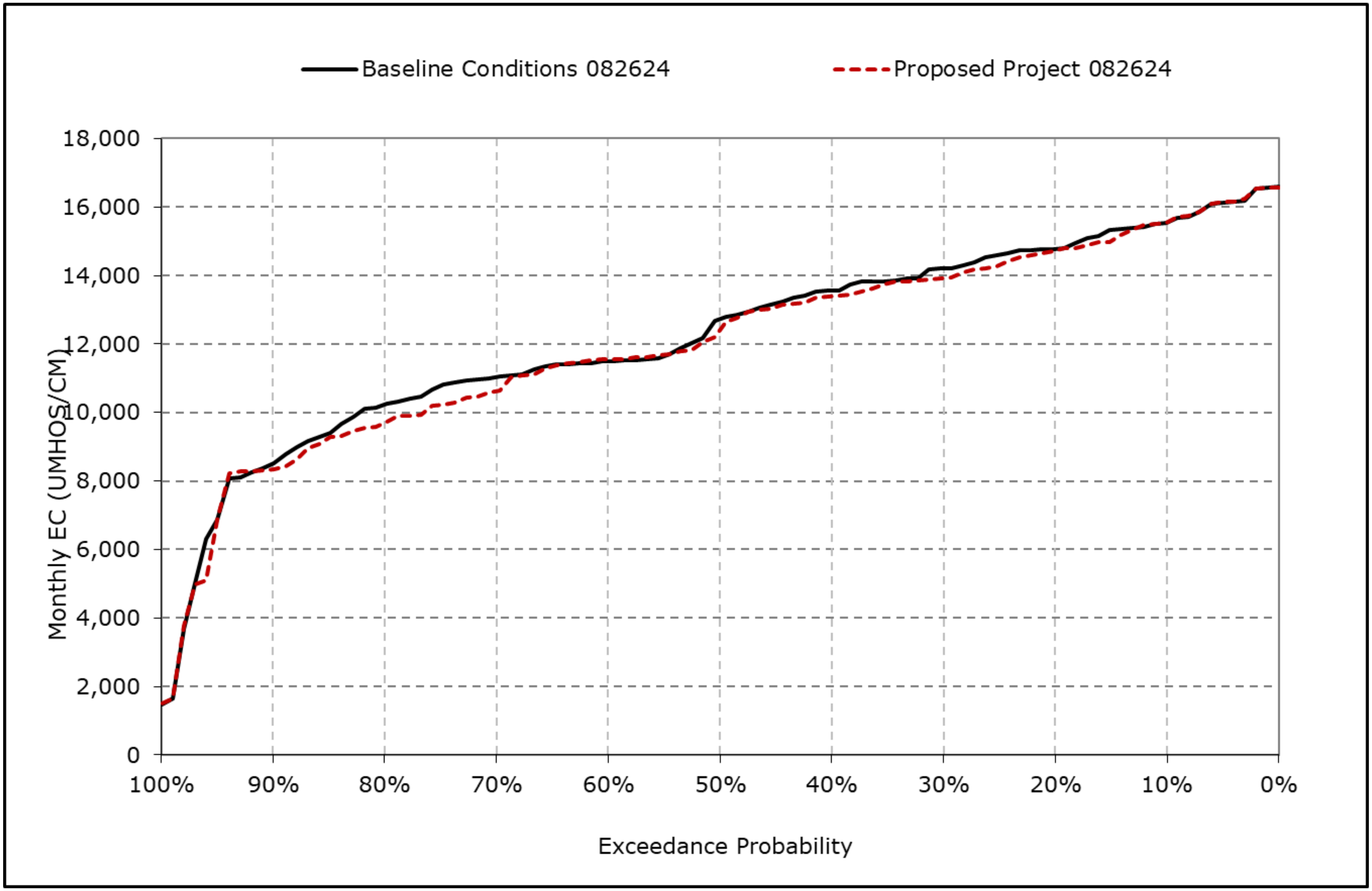
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24g. Goodyear Slough Outfall at Naval Fleet, October EC



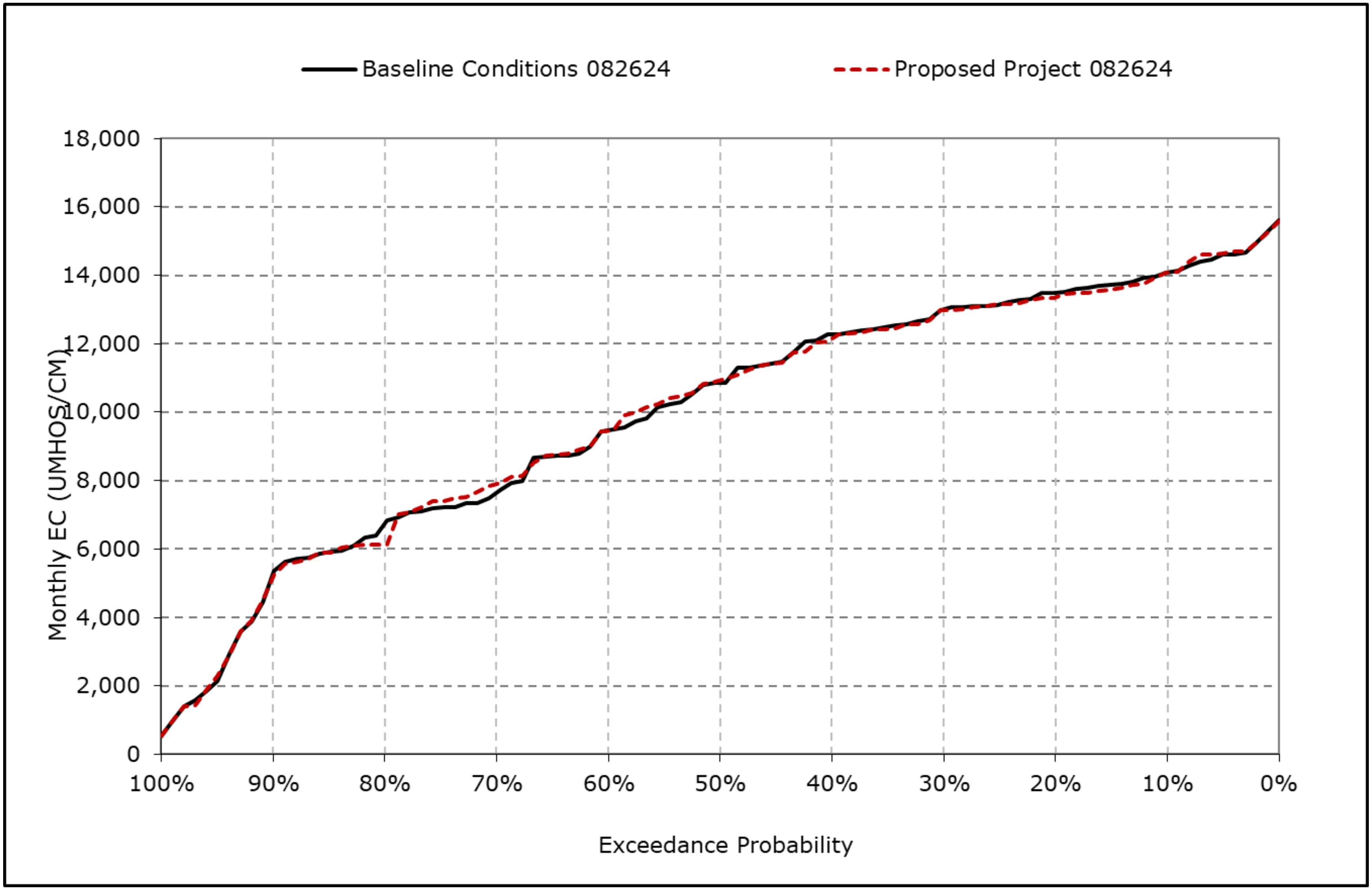
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24h. Goodyear Slough Outfall at Naval Fleet, November EC



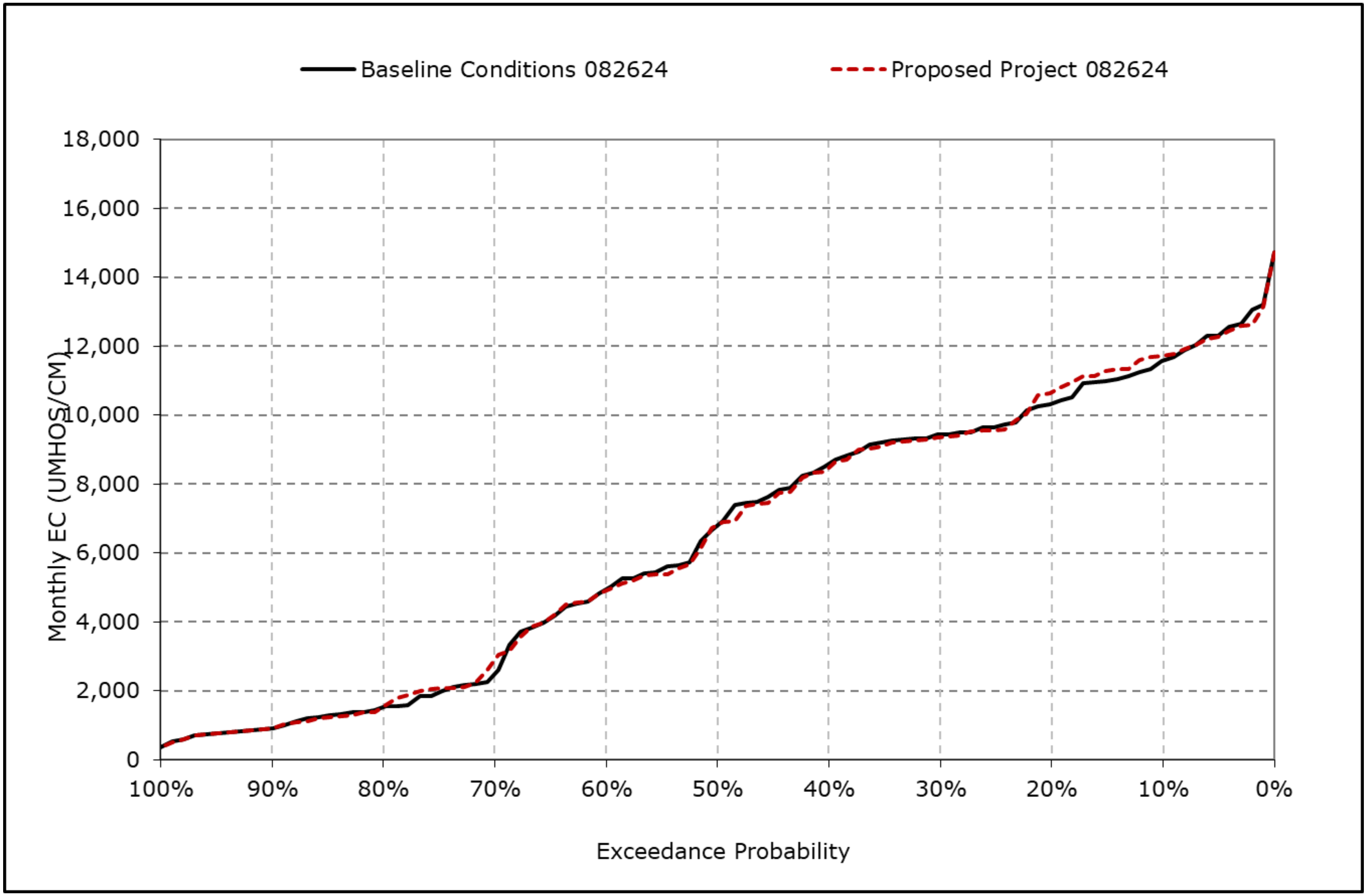
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24i. Goodyear Slough Outfall at Naval Fleet, December EC



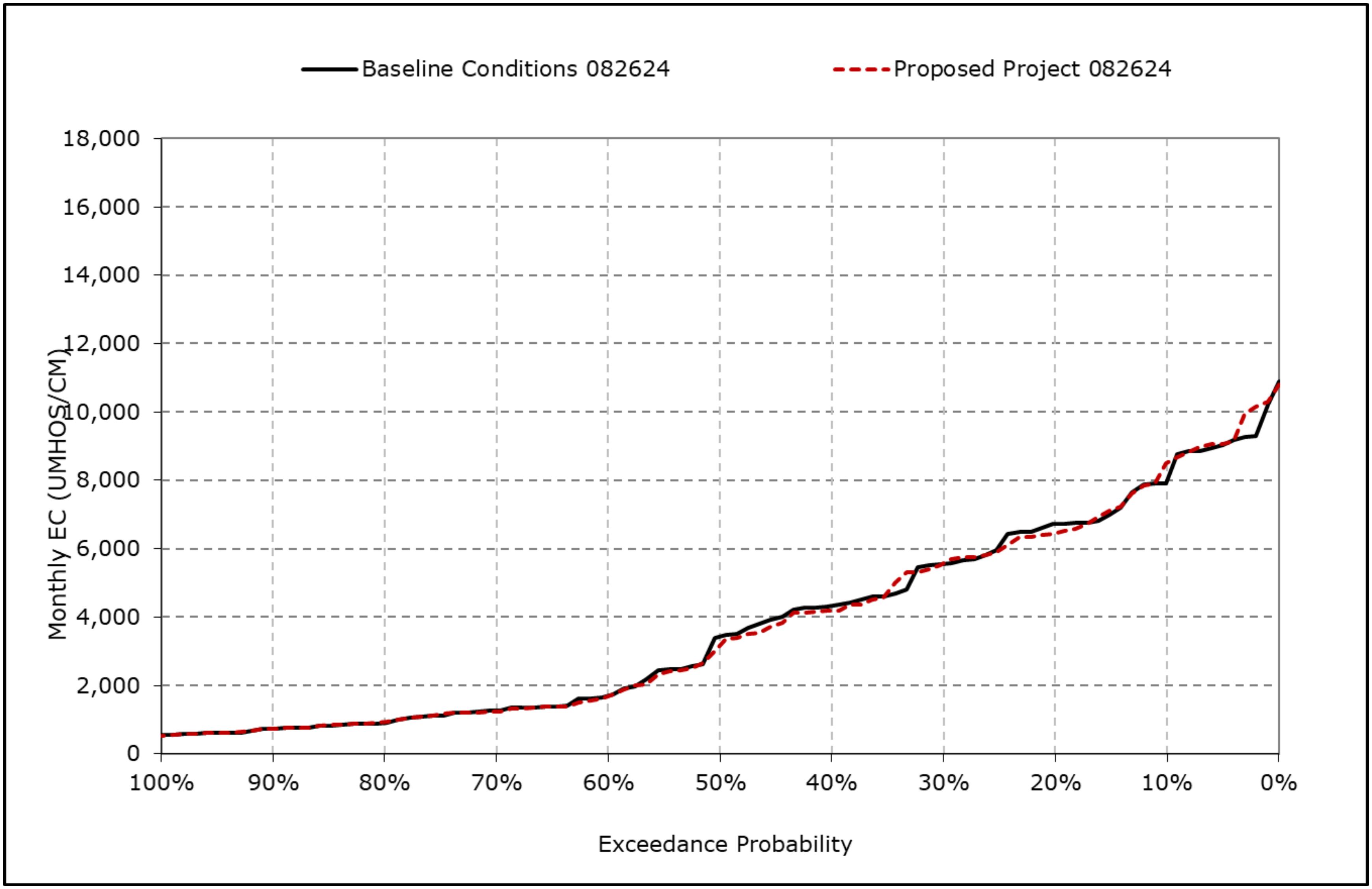
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24j. Goodyear Slough Outfall at Naval Fleet, January EC



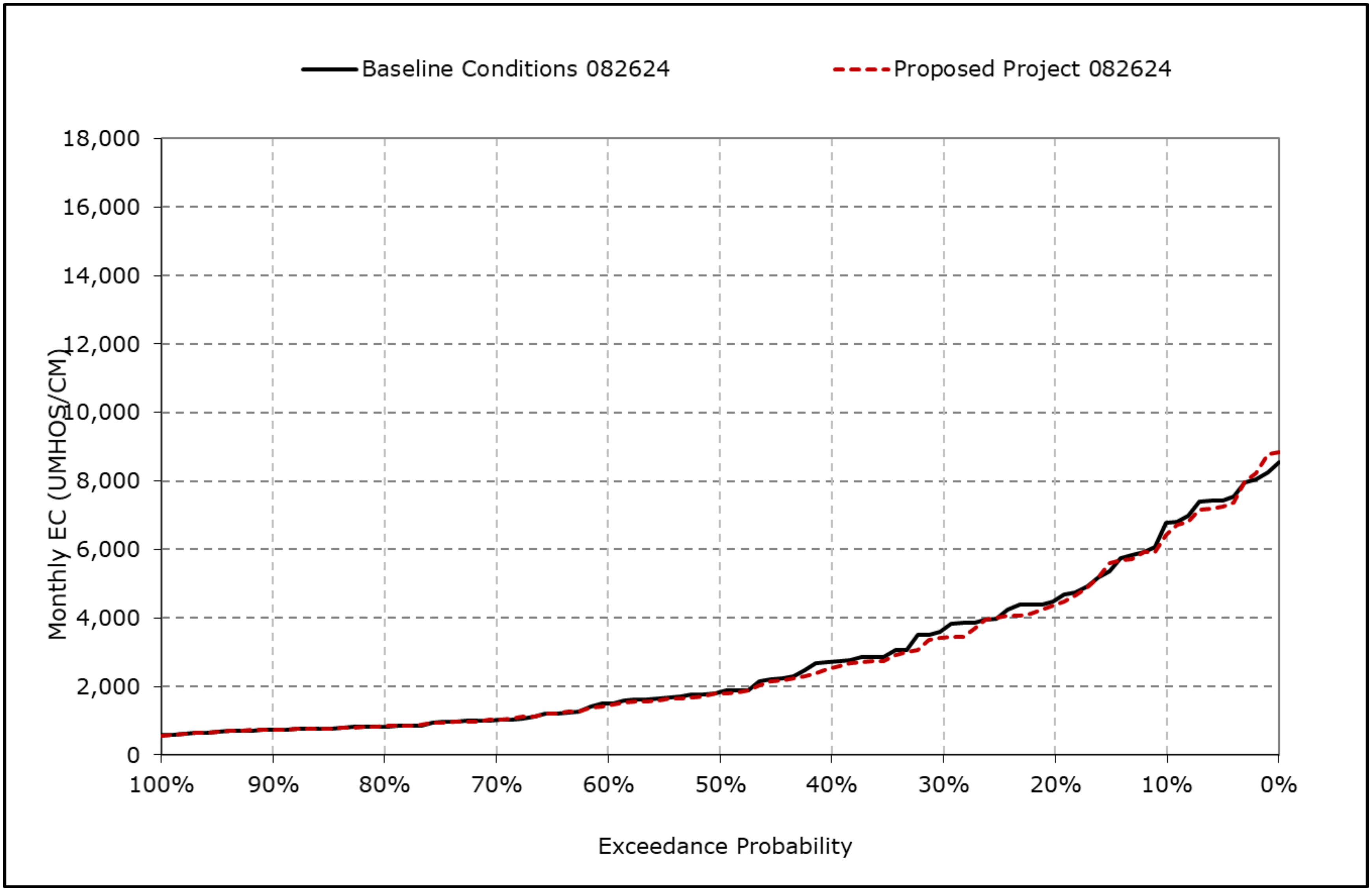
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24k. Goodyear Slough Outfall at Naval Fleet, February EC



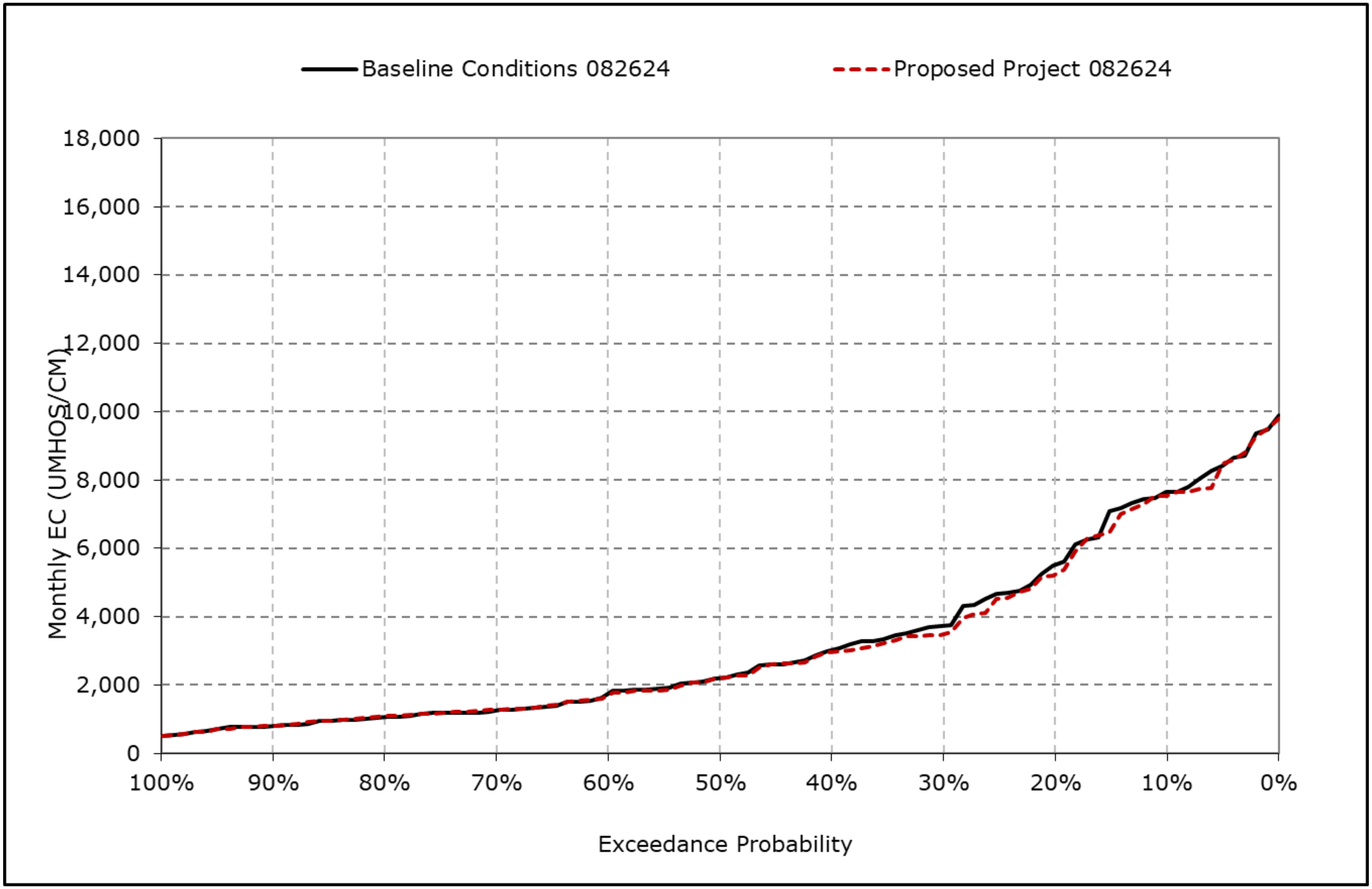
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24l. Goodyear Slough Outfall at Naval Fleet, March EC



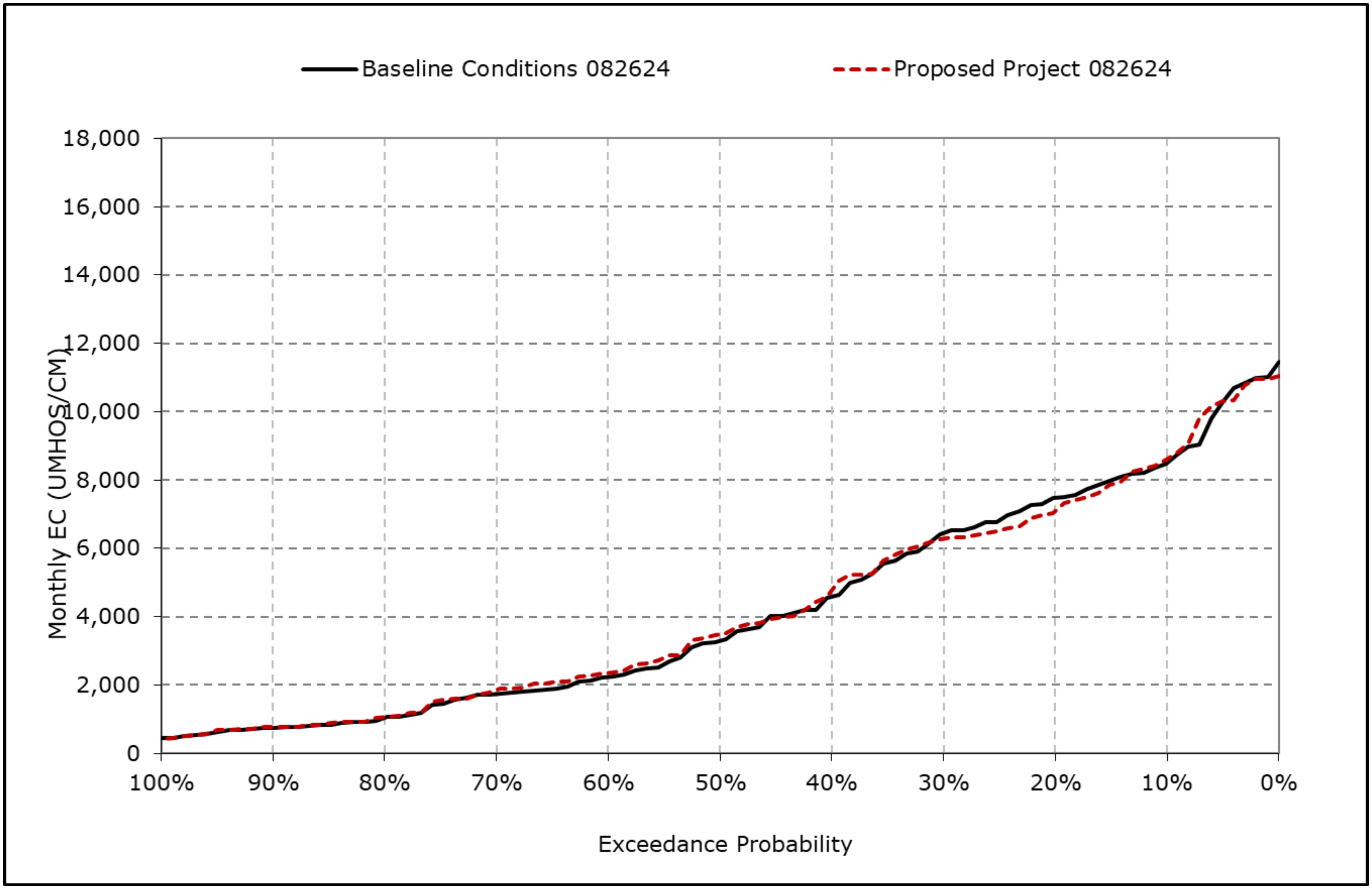
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24m. Goodyear Slough Outfall at Naval Fleet, April EC



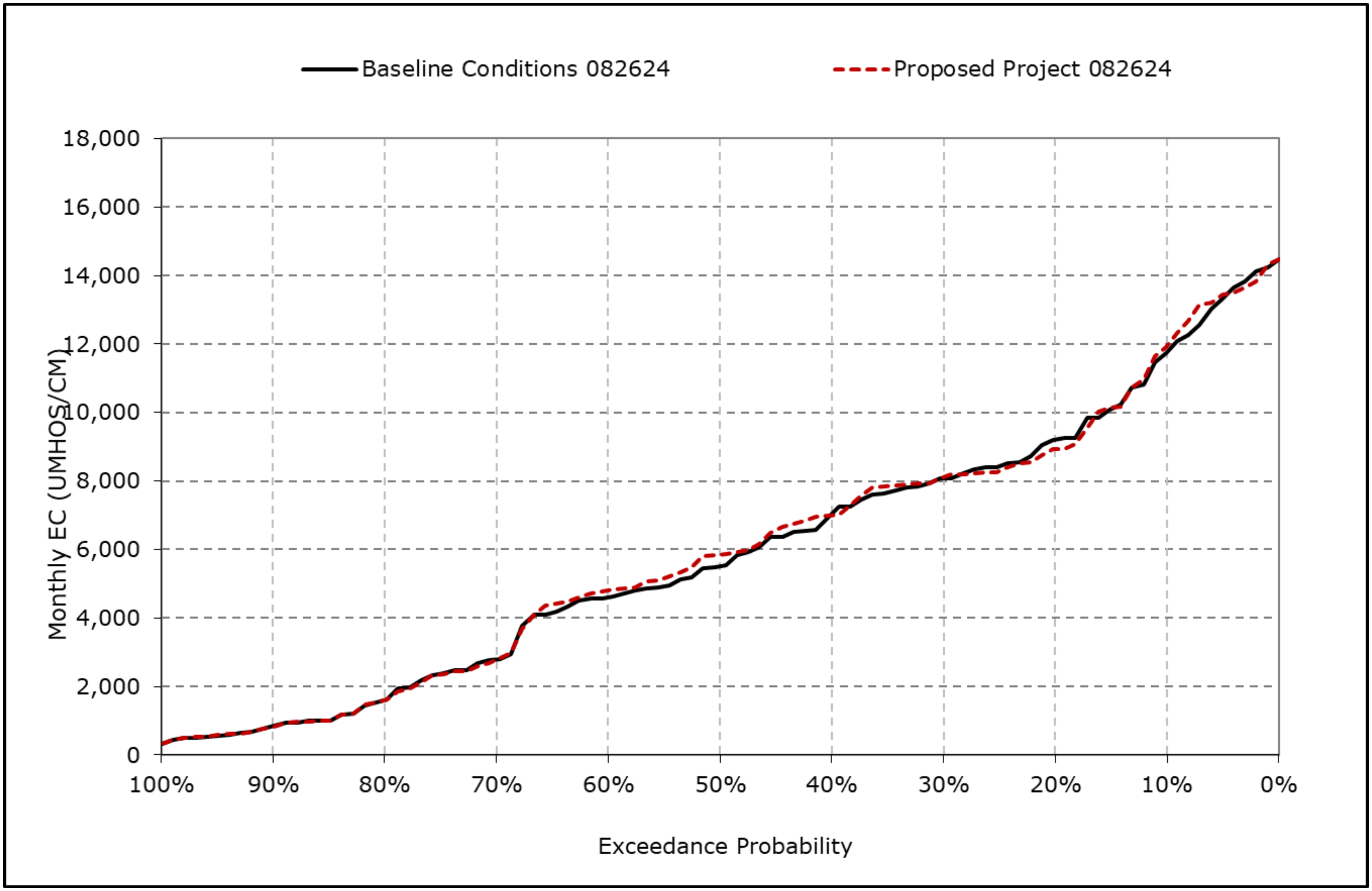
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24n. Goodyear Slough Outfall at Naval Fleet, May EC



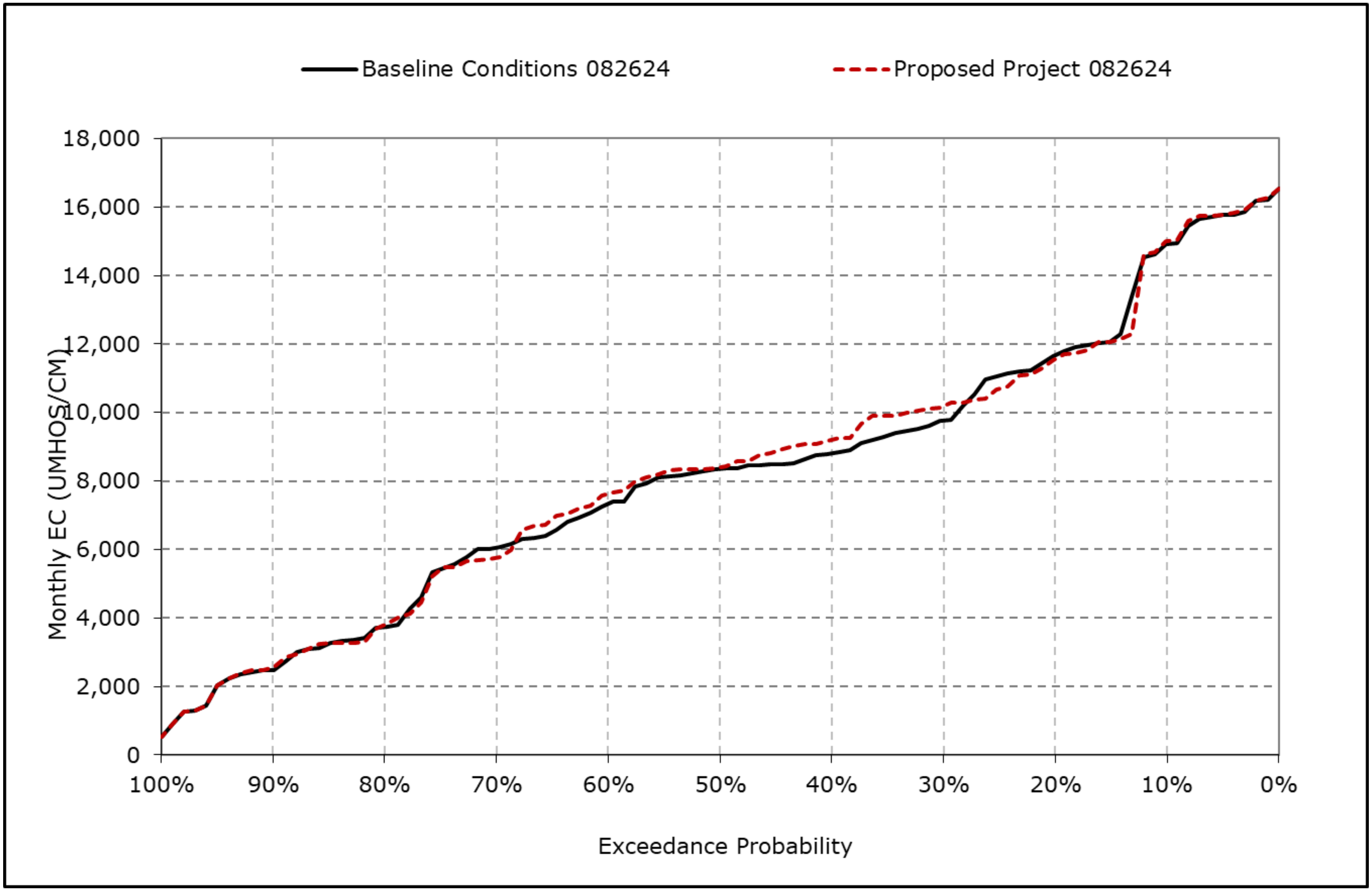
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24o. Goodyear Slough Outfall at Naval Fleet, June EC



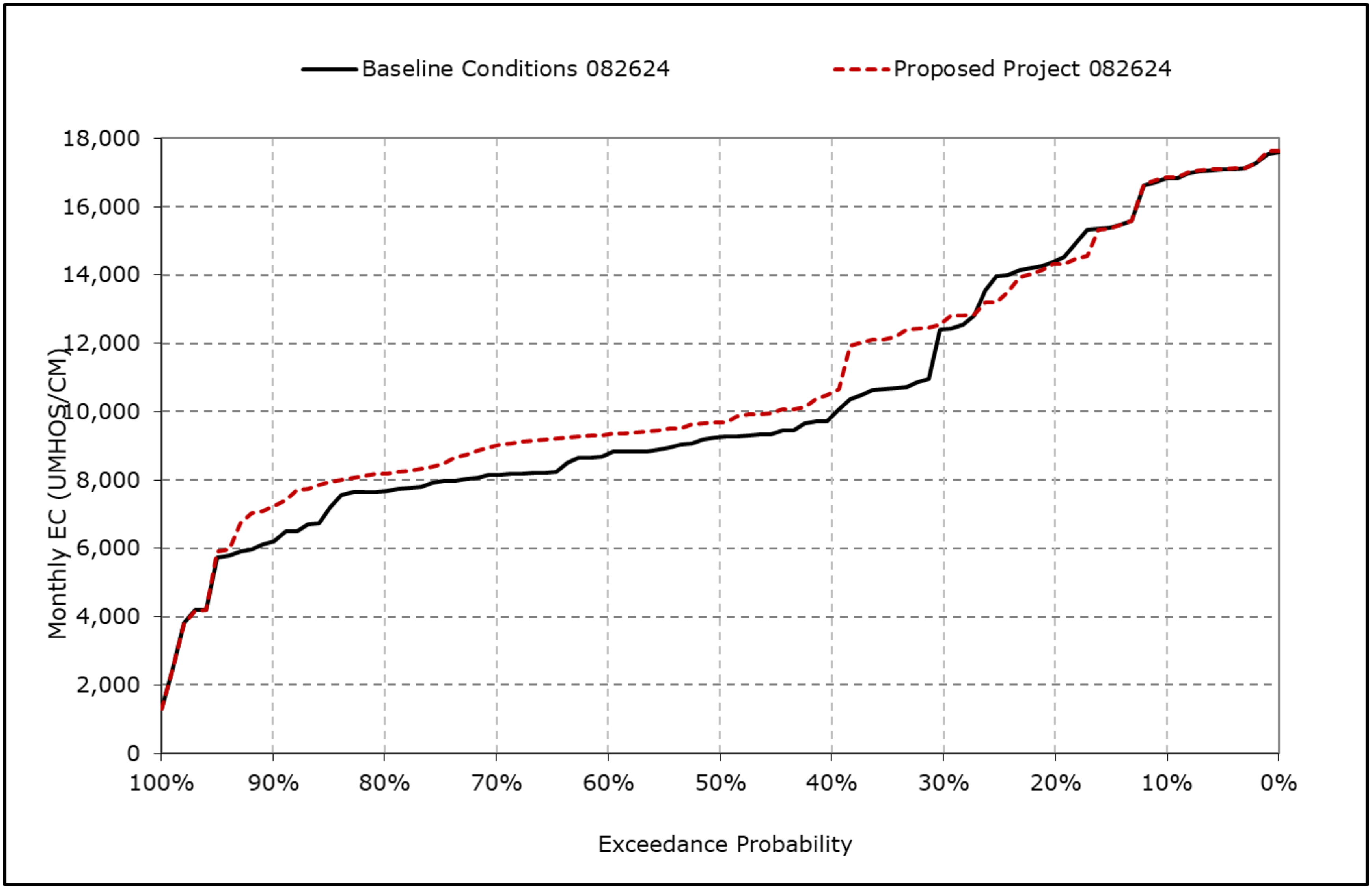
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24p. Goodyear Slough Outfall at Naval Fleet, July EC



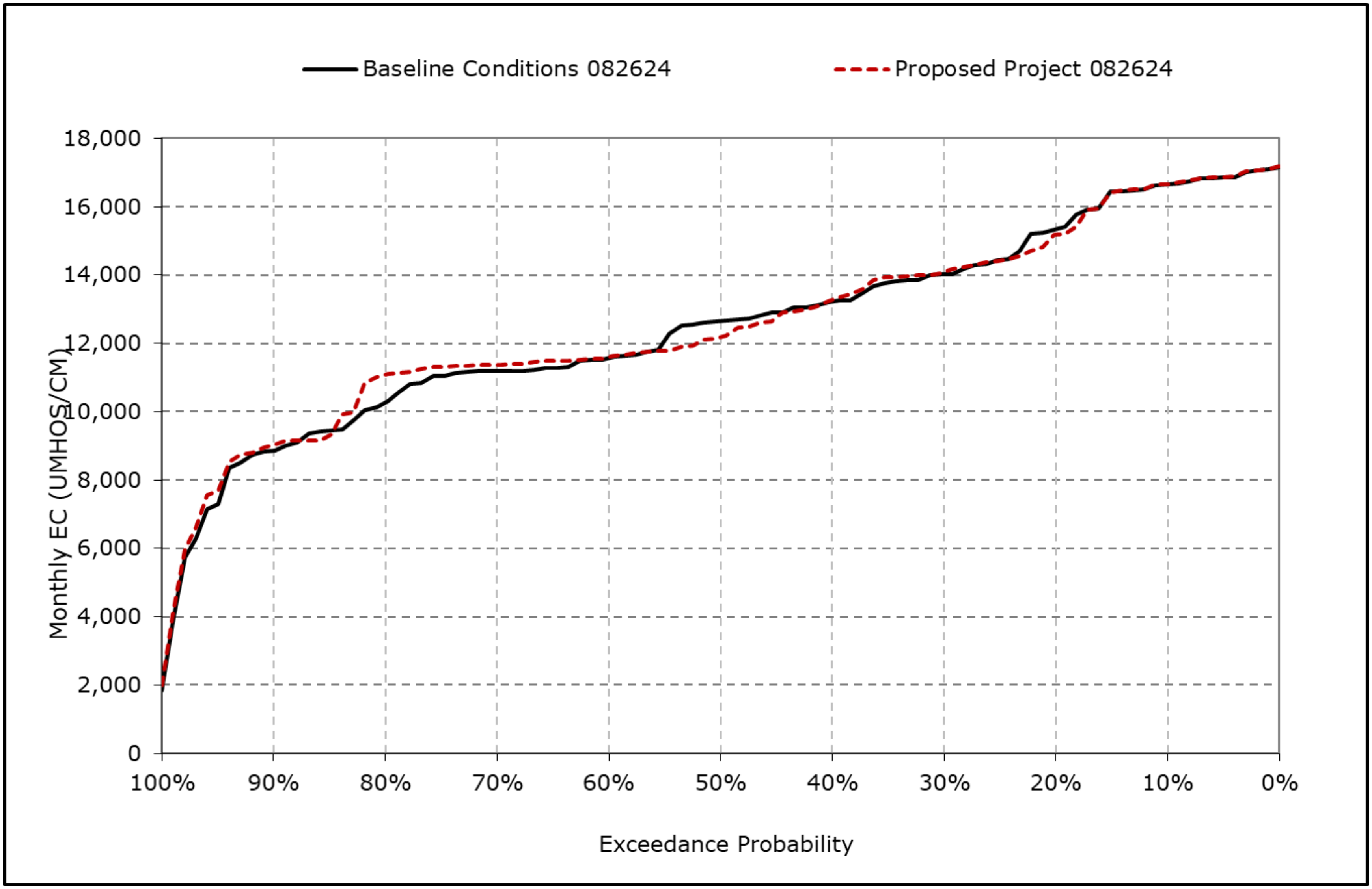
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-24q. Goodyear Slough Outfall at Naval Fleet, August EC



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

Figure 4B-6-24r. Goodyear Slough Outfall at Naval Fleet, September EC



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

Table 4B-6-25-1a. Three Mile Slough, Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,171	1,879	1,350	795	352	266	293	428	864	1,130	1,441	1,884
20% Exceedance	1,764	1,655	1,090	593	259	224	250	274	404	625	1,245	1,660
30% Exceedance	1,590	1,448	932	467	245	209	230	257	364	531	1,007	1,412
40% Exceedance	1,414	1,205	780	334	222	204	214	228	341	417	766	1,262
50% Exceedance	1,161	993	607	281	207	199	208	212	284	352	616	1,029
60% Exceedance	297	594	446	243	198	196	201	203	243	273	427	354
70% Exceedance	272	535	332	198	190	190	195	193	200	243	378	321
80% Exceedance	262	449	263	190	187	186	190	186	187	219	346	300
90% Exceedance	250	282	219	183	182	183	182	177	177	201	290	275
Full Simulation Period Average[a]	1,056	1,027	700	395	247	221	233	272	380	471	745	968
Wet Water Years (32%)	875	750	384	215	186	185	187	184	198	218	320	284
Above Normal Years (9%)	992	921	543	249	198	194	200	198	223	241	361	304
Below Normal Years (20%)	935	979	815	390	225	201	214	219	312	357	630	1,053
Dry Water Years (21%)	1,040	1,048	799	496	276	227	236	252	353	556	1,036	1,442
Critical Water Years (18%)	1,566	1,604	1,098	676	367	311	347	547	889	1,062	1,479	1,869

Table 4B-6-25-1b. Three Mile Slough, Proposed Project 082624, Monthly EC (UMHOS/CM)

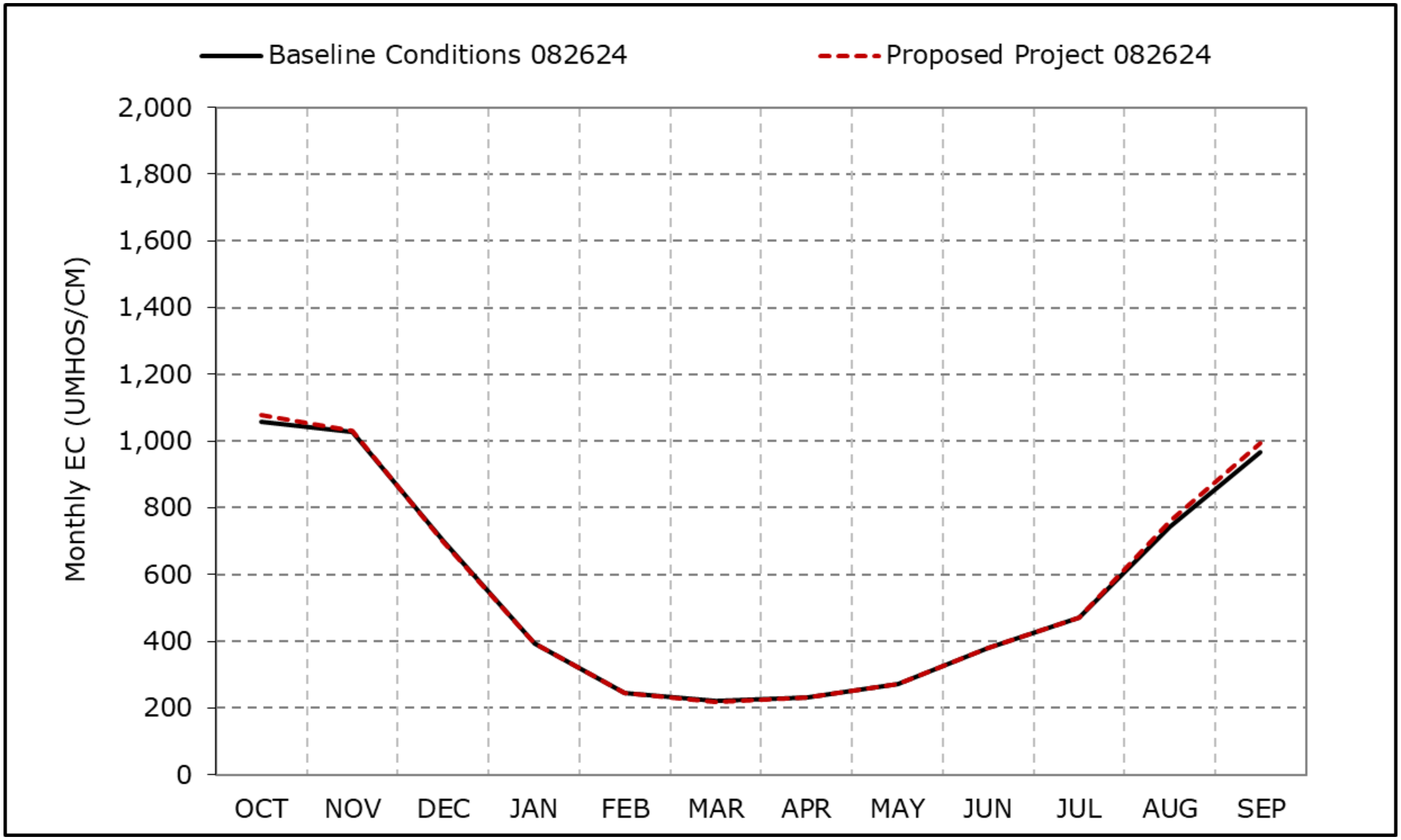
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,162	1,835	1,289	775	378	257	296	441	887	1,133	1,440	1,902
20% Exceedance	1,806	1,666	1,093	583	264	221	248	266	395	649	1,262	1,678
30% Exceedance	1,599	1,442	940	453	242	210	227	253	363	531	1,082	1,429
40% Exceedance	1,457	1,211	756	339	222	205	212	226	329	404	722	1,267
50% Exceedance	1,244	1,033	611	281	207	200	207	210	281	344	594	1,056
60% Exceedance	307	599	447	241	198	196	200	201	236	276	454	368
70% Exceedance	276	539	328	197	190	190	195	191	197	242	405	330
80% Exceedance	267	451	262	190	187	186	190	186	186	218	375	316
90% Exceedance	251	301	218	183	182	182	182	177	177	201	338	290
Full Simulation Period Average[a]	1,078	1,030	697	394	245	219	231	273	379	471	762	993
Wet Water Years (32%)	899	751	374	212	186	185	186	185	196	216	341	300
Above Normal Years (9%)	998	913	547	252	199	194	200	197	220	242	397	309
Below Normal Years (20%)	963	988	814	388	225	202	213	217	305	352	606	1,095
Dry Water Years (21%)	1,041	1,053	800	495	273	223	230	245	348	557	1,097	1,492
Critical Water Years (18%)	1,606	1,605	1,098	680	363	307	349	560	903	1,070	1,476	1,873

Table 4B-6-25-1c. Three Mile Slough, Proposed Project 082624 minus Baseline Conditions 082624, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-10	-44	-62	-19	26	-9	2	13	22	3	-1	19
20% Exceedance	42	12	3	-10	5	-4	-3	-8	-8	23	17	18
30% Exceedance	9	-6	8	-13	-3	0	-4	-5	-1	1	75	18
40% Exceedance	44	6	-25	5	0	0	-1	-2	-12	-13	-43	5
50% Exceedance	83	41	4	0	0	1	-1	-1	-3	-8	-22	27
60% Exceedance	10	5	0	-2	1	0	-1	-2	-7	2	27	15
70% Exceedance	3	4	-4	-1	0	1	0	-2	-3	-1	27	8
80% Exceedance	4	1	-1	0	0	0	0	0	0	-1	29	16
90% Exceedance	1	20	-1	0	0	0	0	0	0	0	48	15
Full Simulation Period Average[a]	21	3	-3	-1	-1	-1	-1	1	-1	0	17	25
Wet Water Years (32%)	24	0	-11	-2	0	0	0	1	-2	-1	21	16
Above Normal Years (9%)	6	-8	5	3	1	0	-1	-1	-4	1	35	6
Below Normal Years (20%)	29	9	-1	-3	0	1	-1	-1	-8	-4	-24	42
Dry Water Years (21%)	0	5	2	-1	-4	-4	-6	-6	-5	0	61	51
Critical Water Years (18%)	40	2	-1	4	-4	-5	1	13	14	8	-4	4

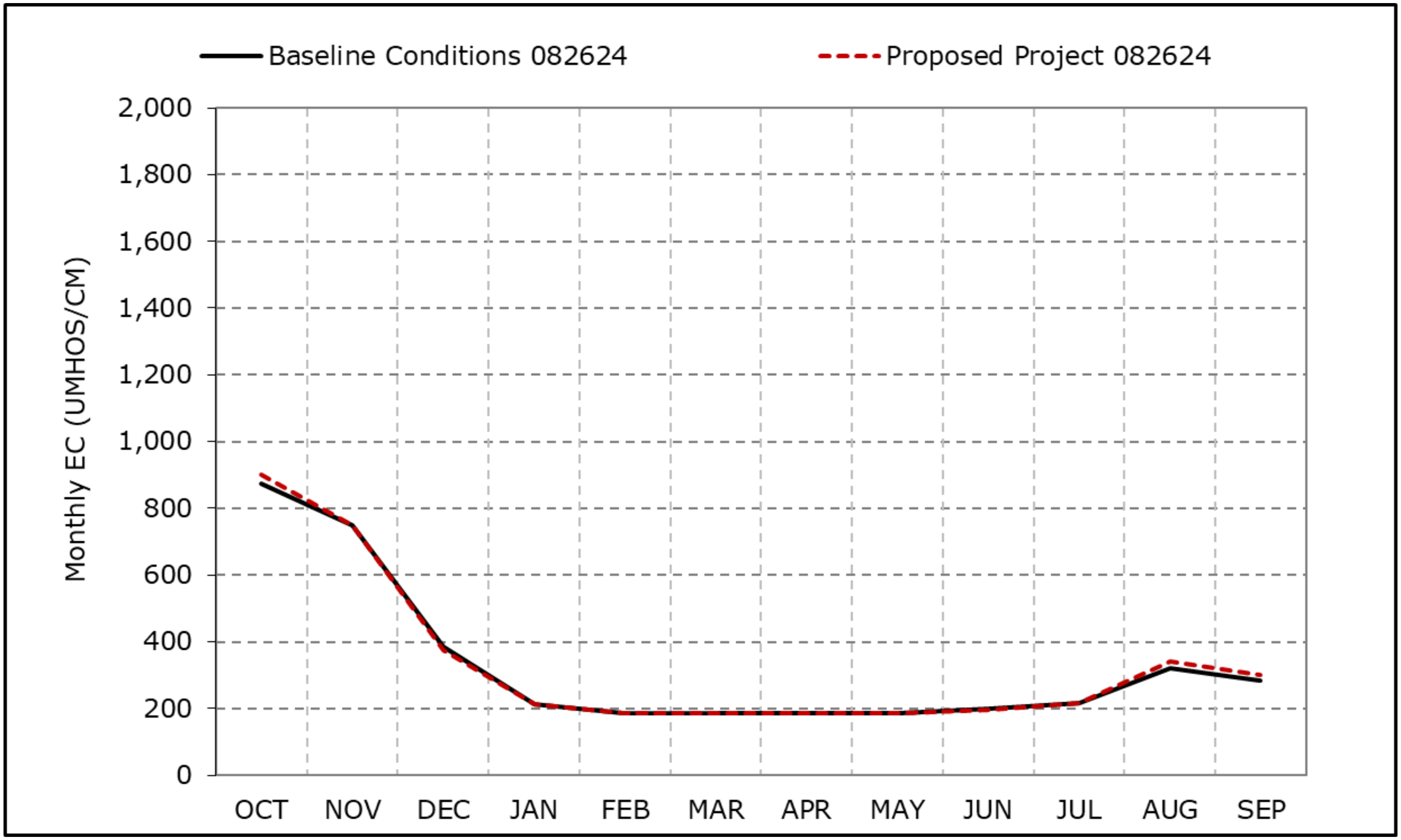
[a] Based on the 100-year simulation period.
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* These results are displayed with water year - year type sorting.

Figure 4B-6-25a. Three Mile Slough, Long-Term Average EC



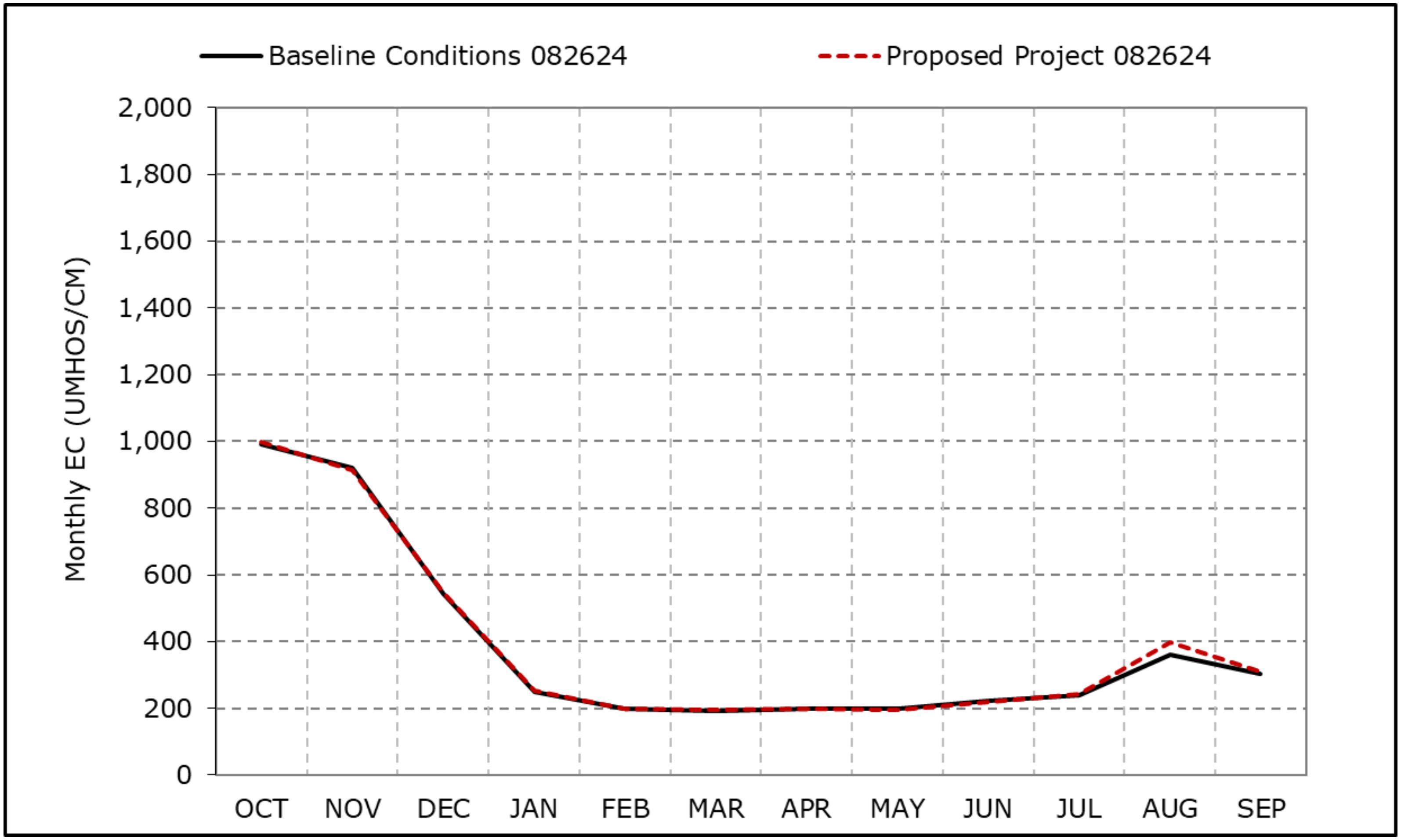
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25b. Three Mile Slough, Wet Year Average EC



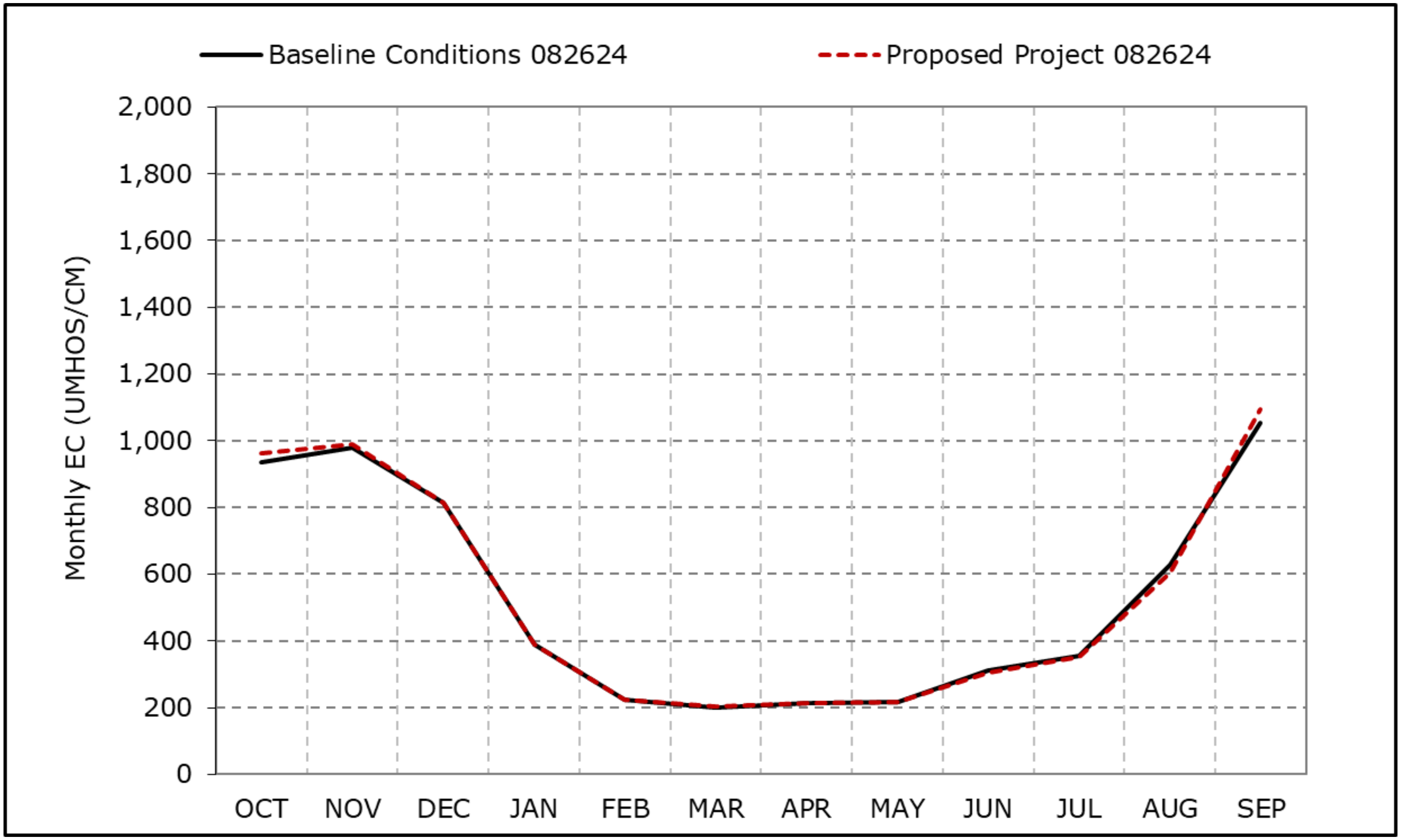
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25c. Three Mile Slough, Above Normal Year Average EC



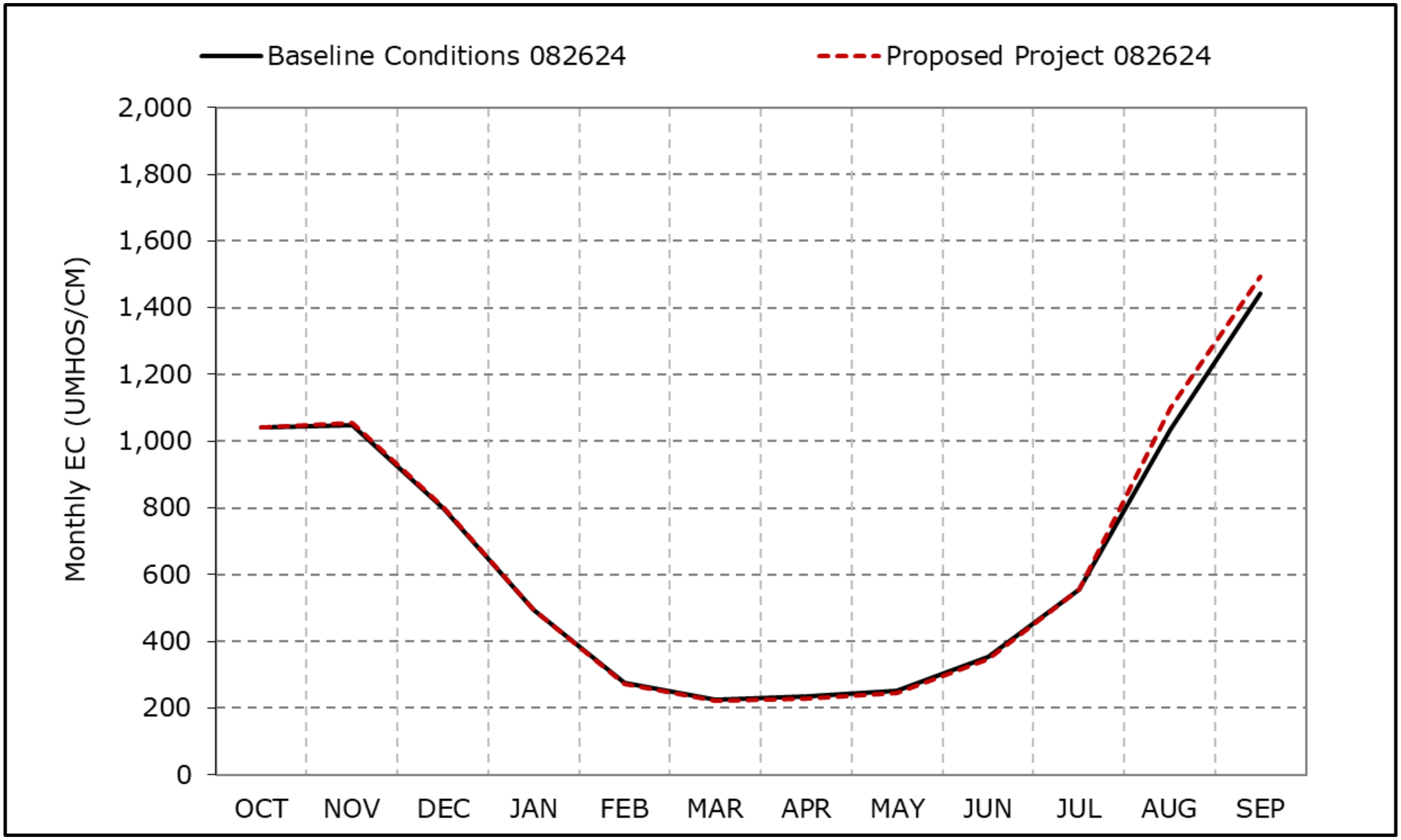
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25d. Three Mile Slough, Below Normal Year Average EC



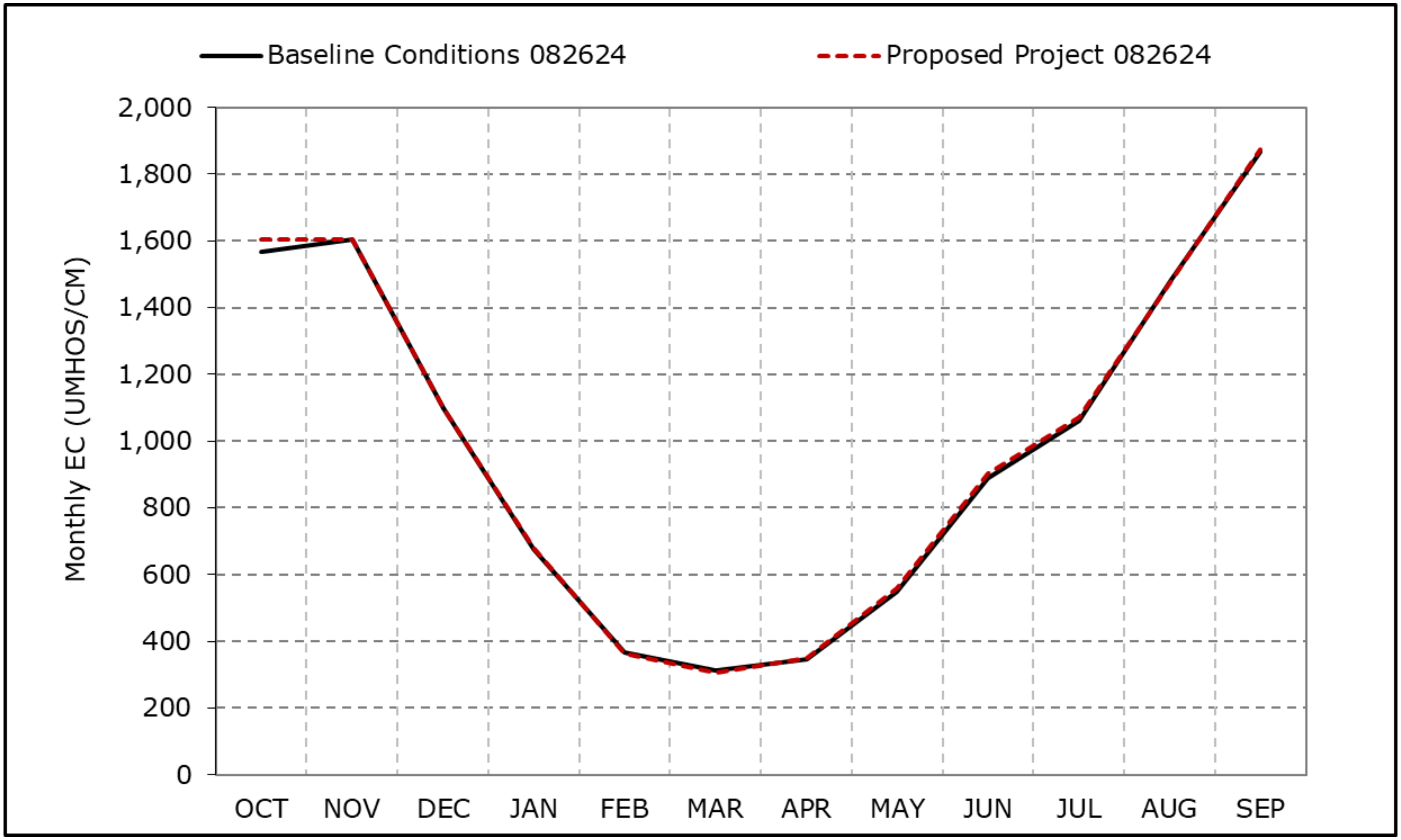
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25e. Three Mile Slough, Dry Year Average EC



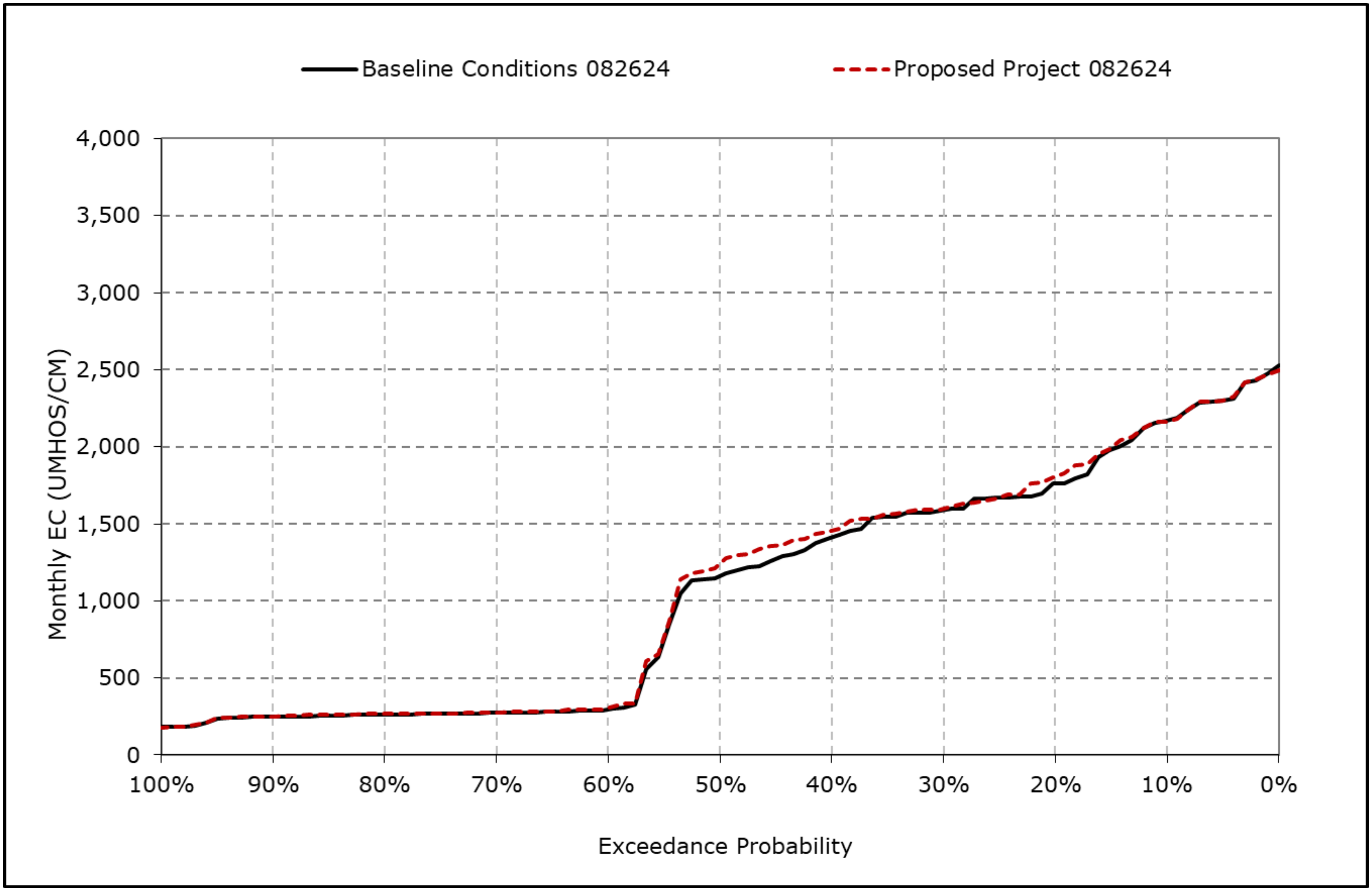
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25f. Three Mile Slough, Critical Year Average EC



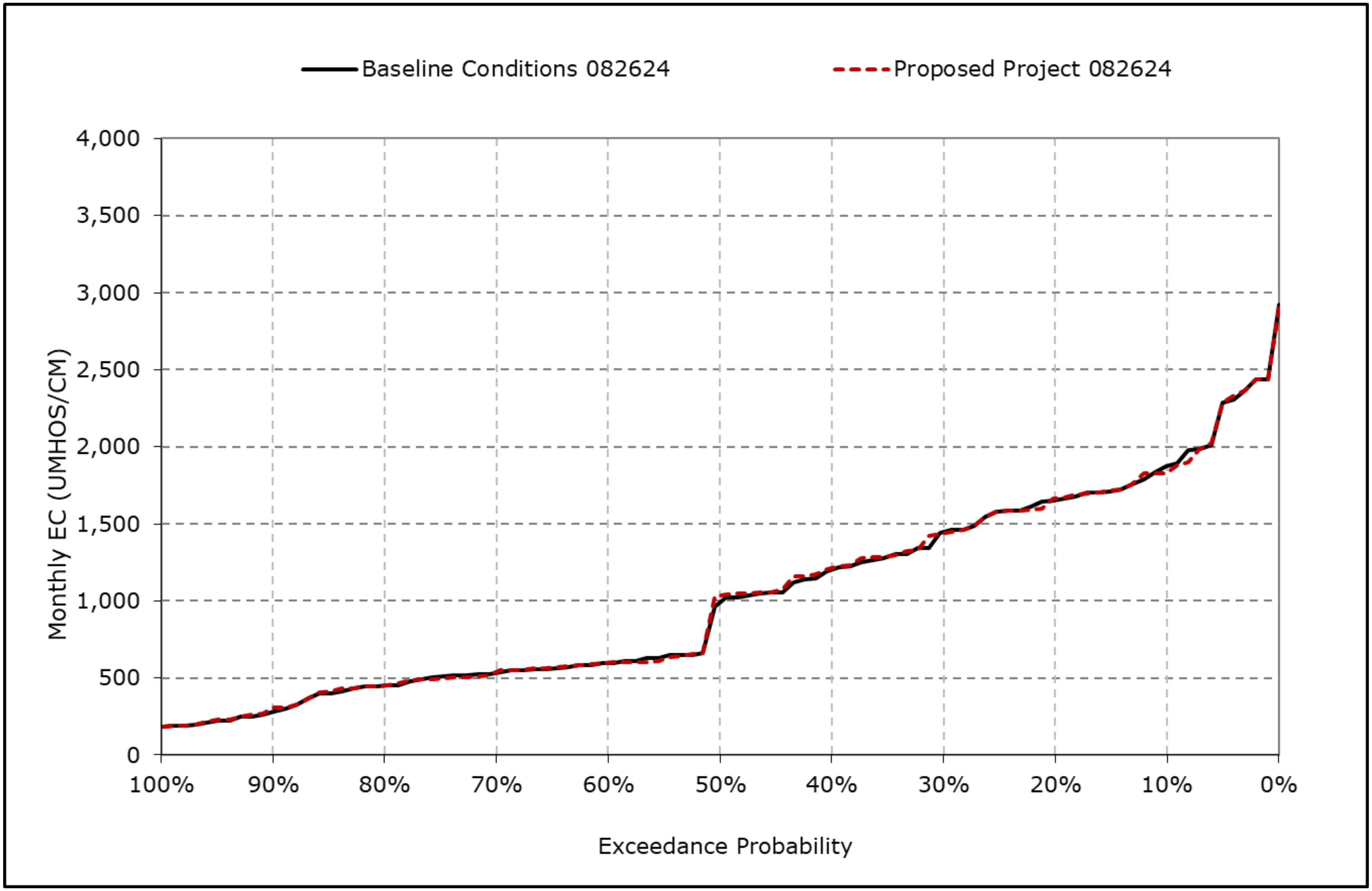
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25g. Three Mile Slough, October EC



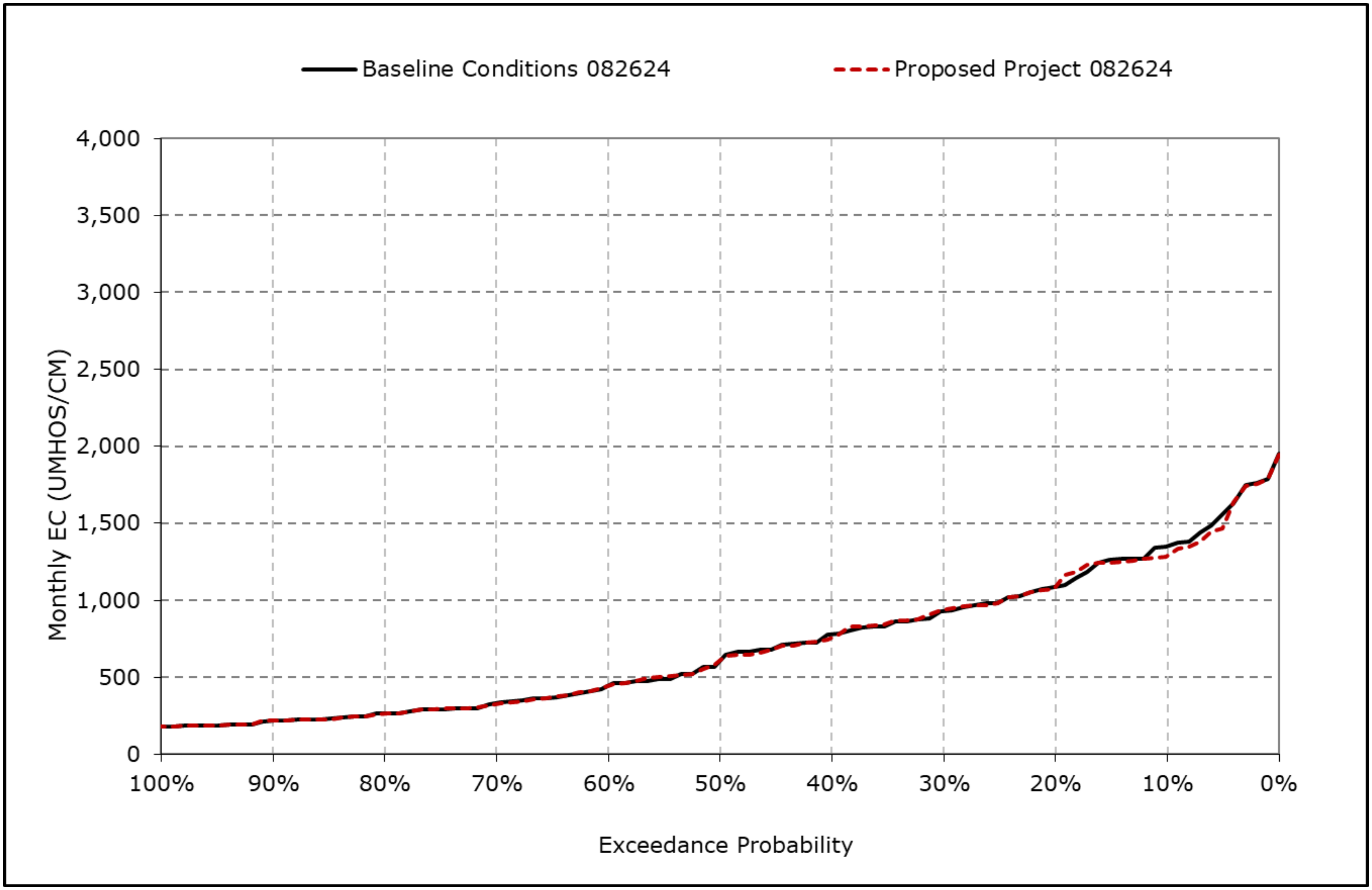
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25h. Three Mile Slough, November EC



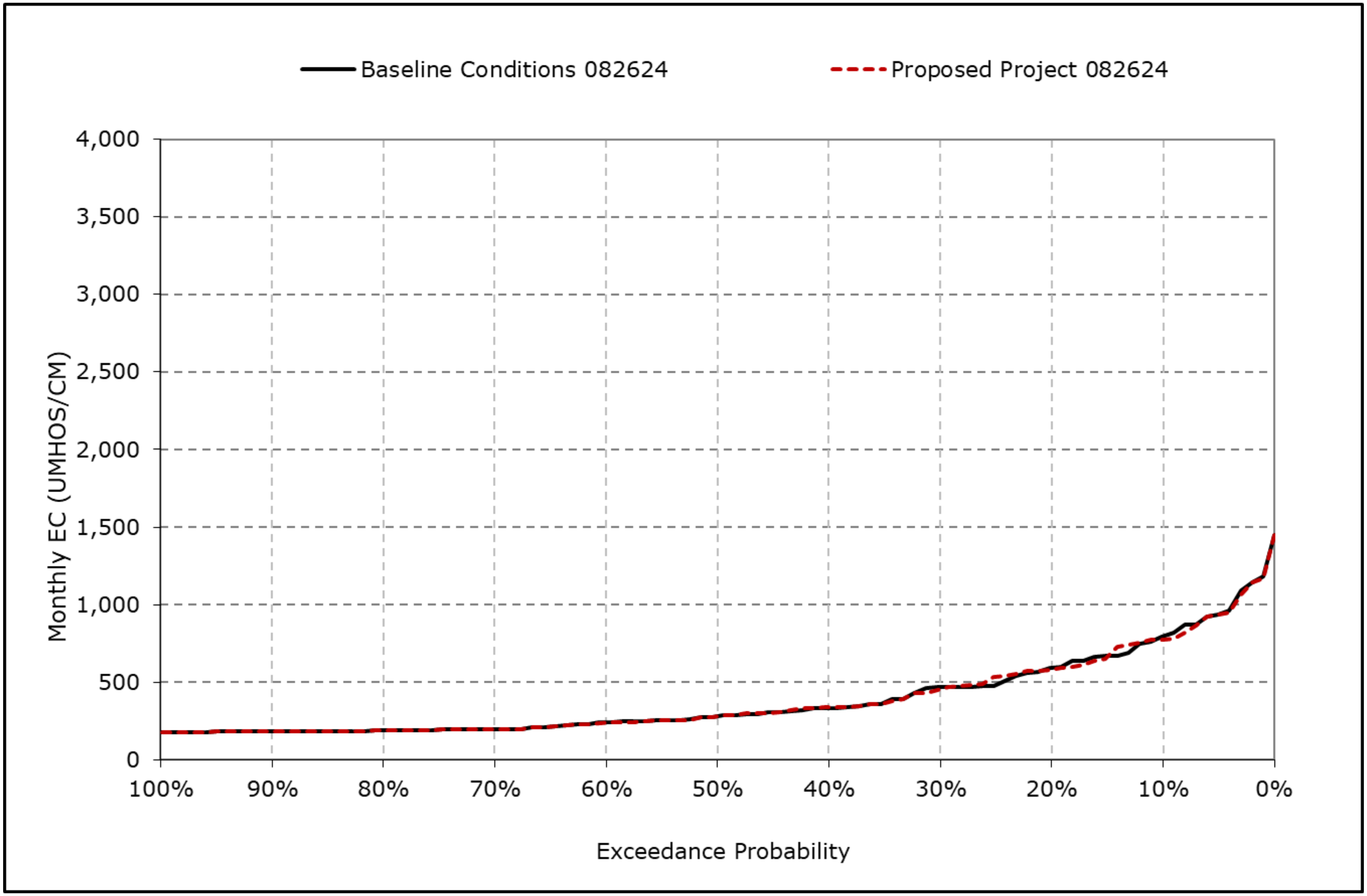
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25i. Three Mile Slough, December EC



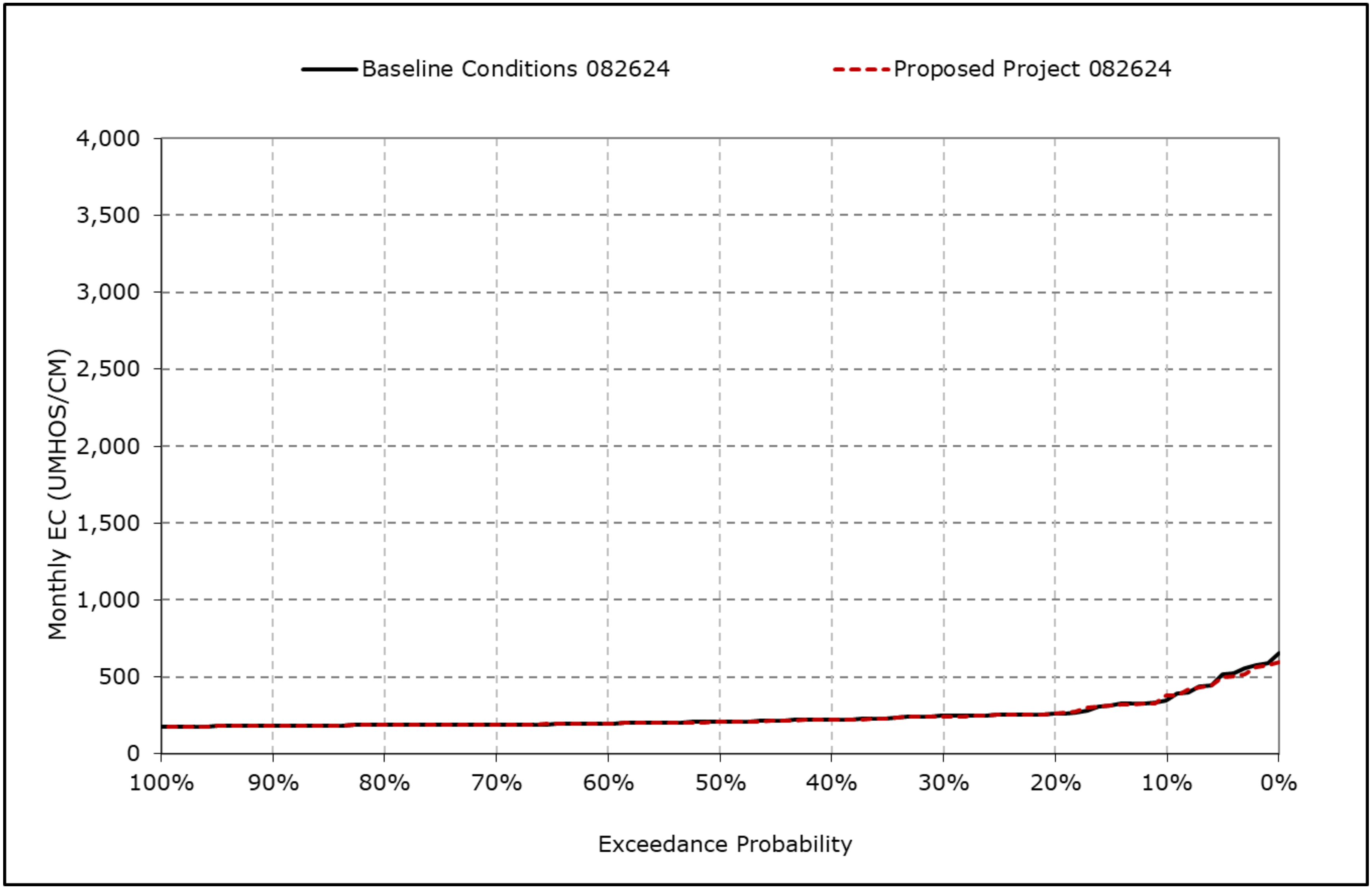
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25j. Three Mile Slough, January EC



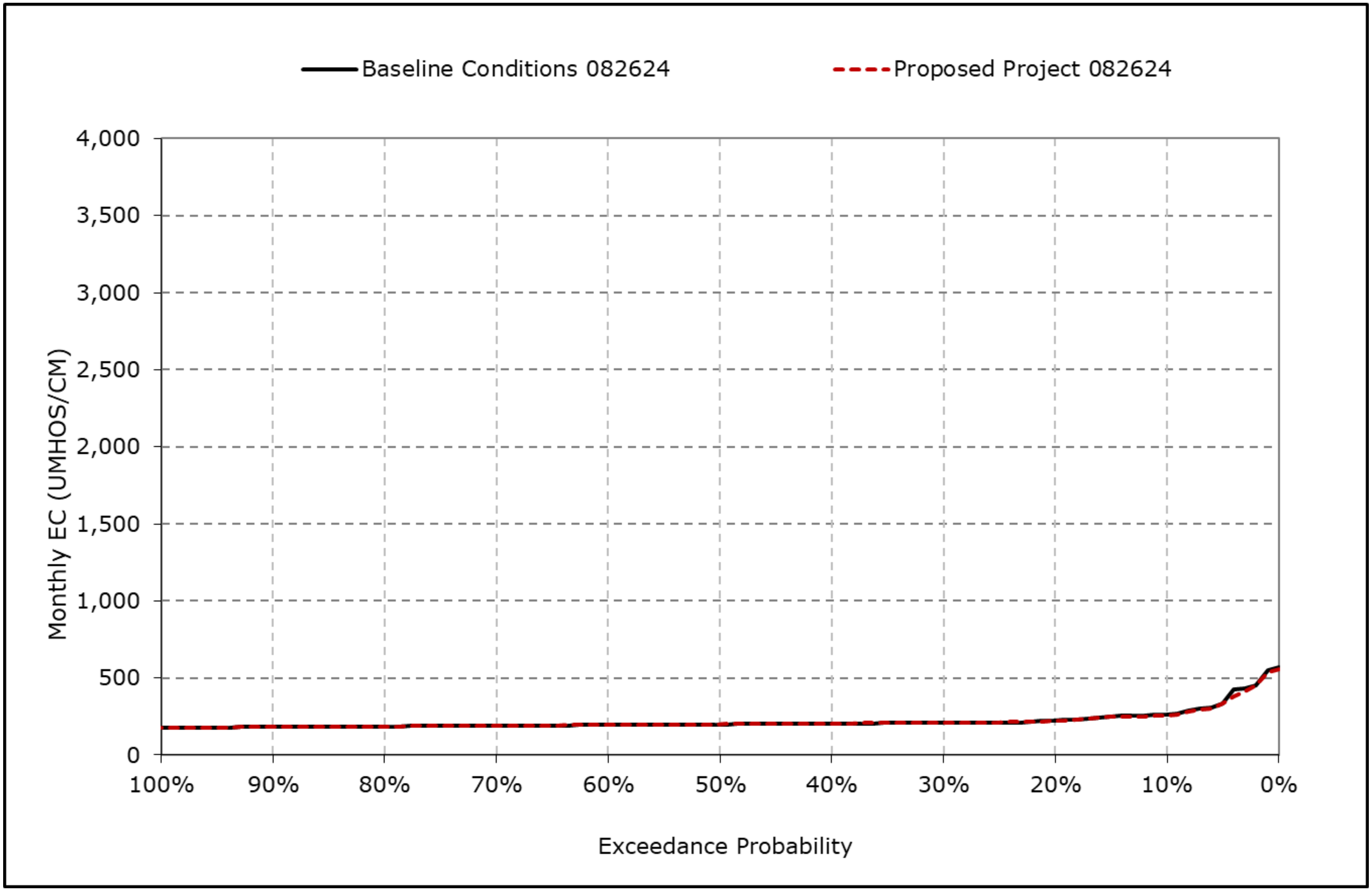
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25k. Three Mile Slough, February EC



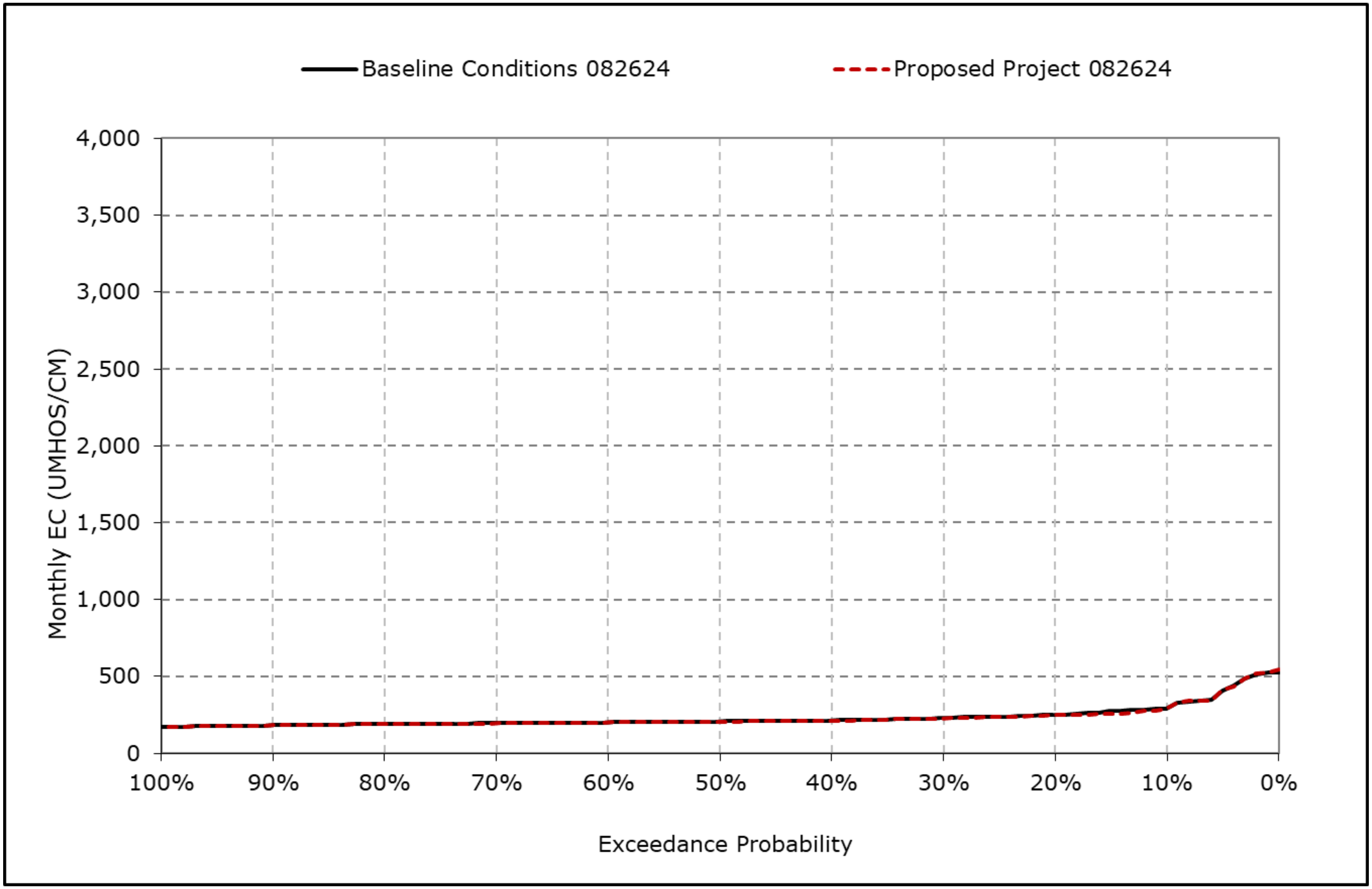
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25l. Three Mile Slough, March EC



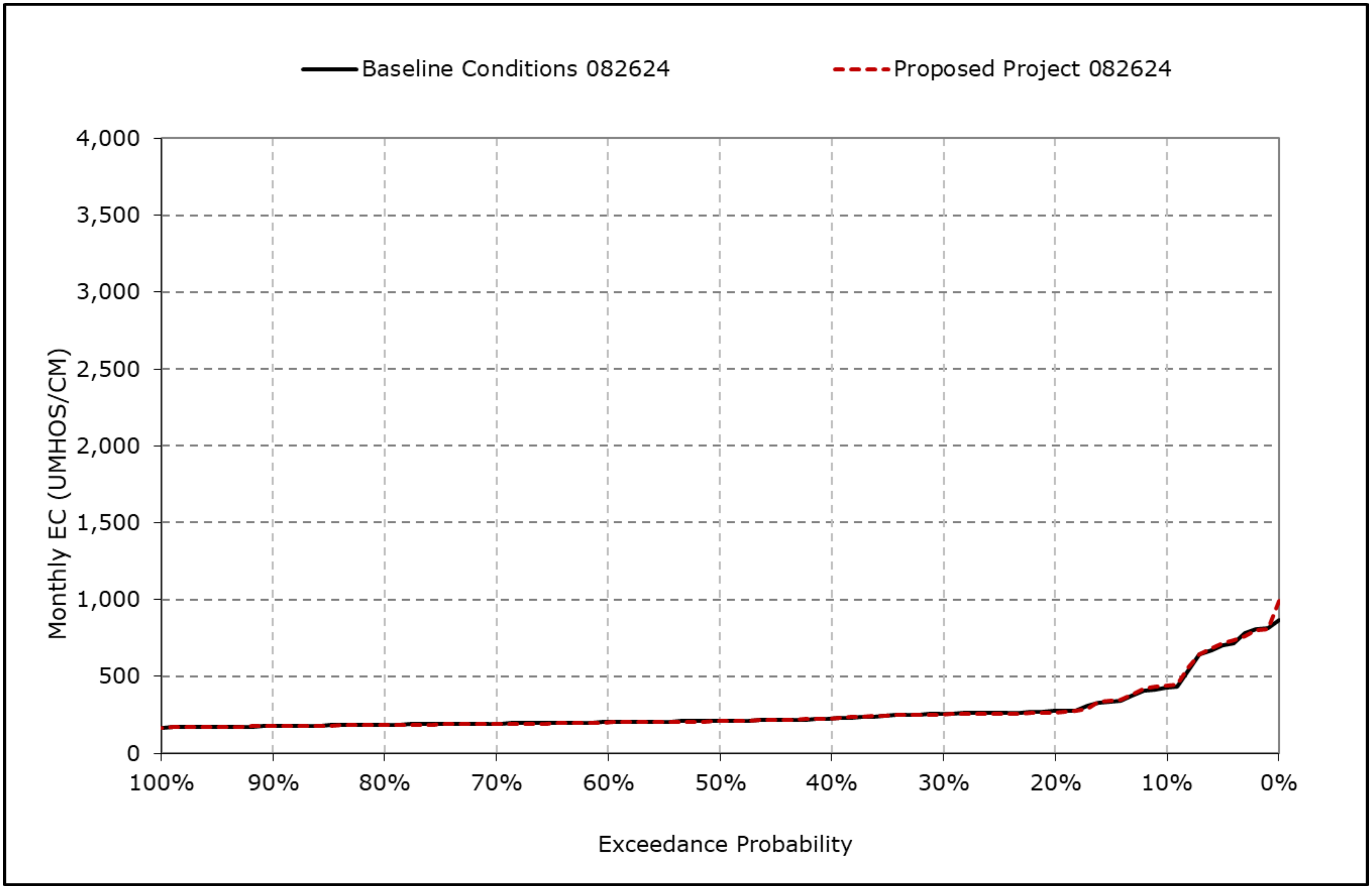
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25m. Three Mile Slough, April EC



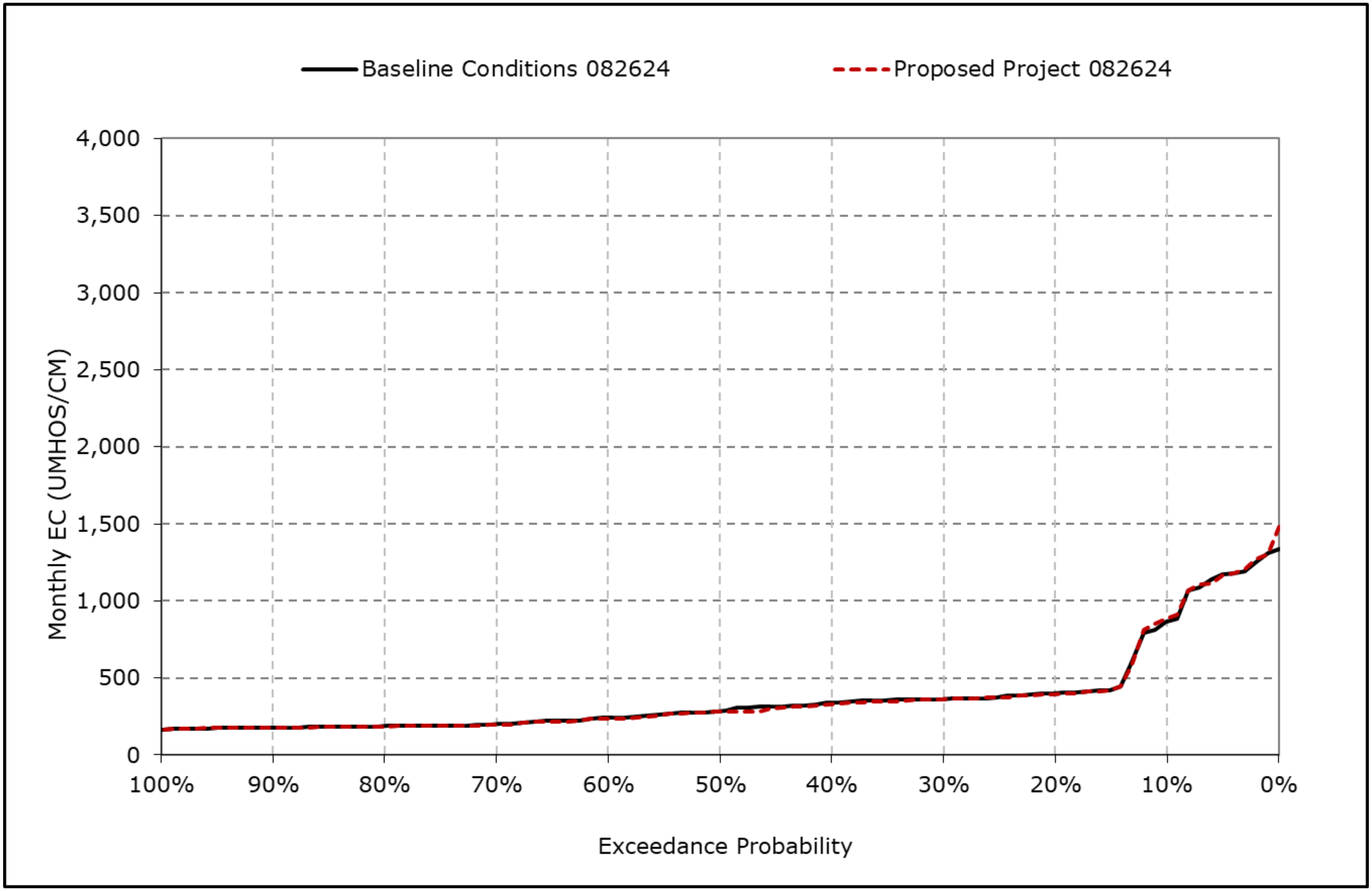
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25n. Three Mile Slough, May EC



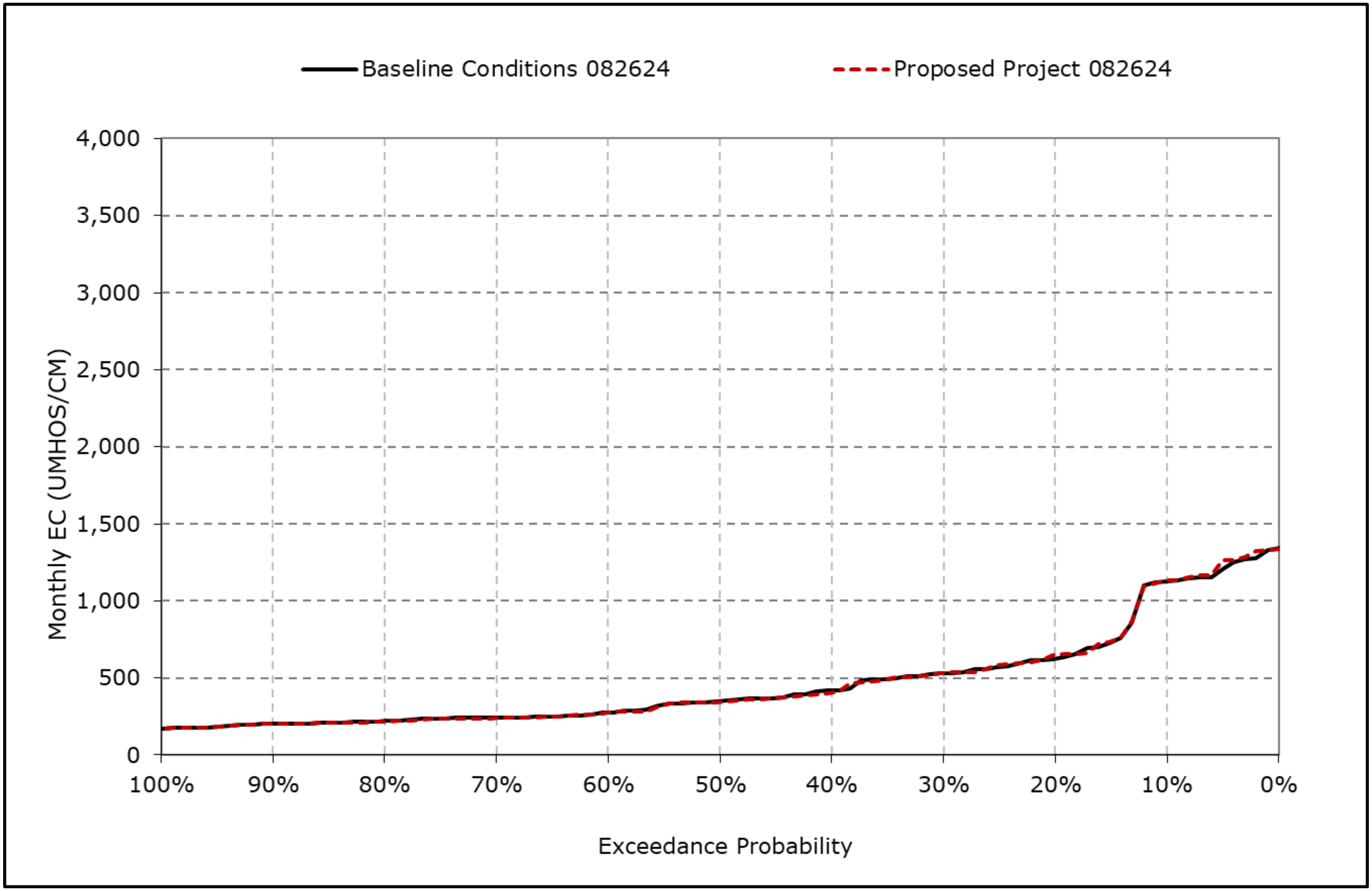
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25o. Three Mile Slough, June EC



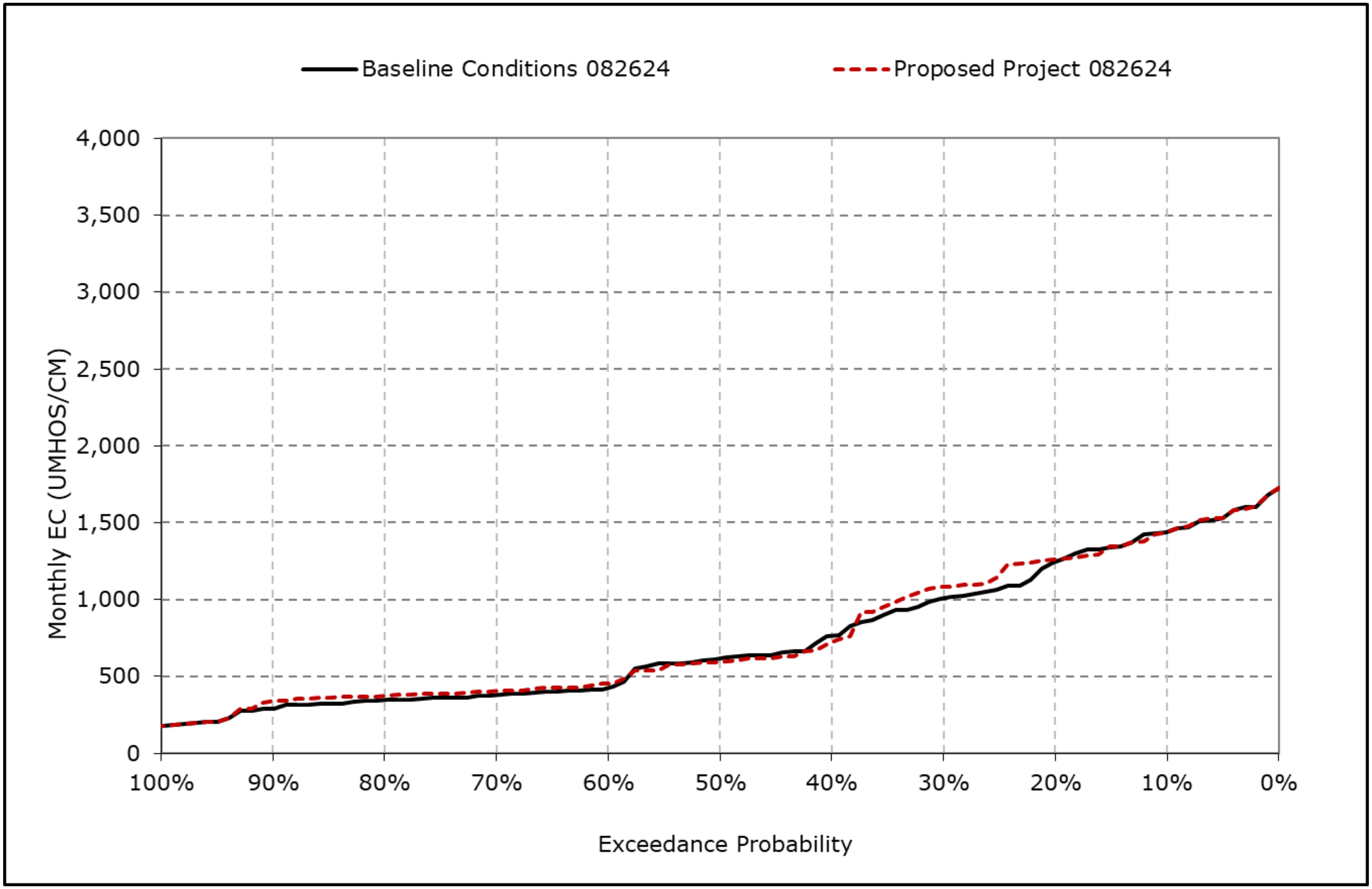
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25p. Three Mile Slough, July EC



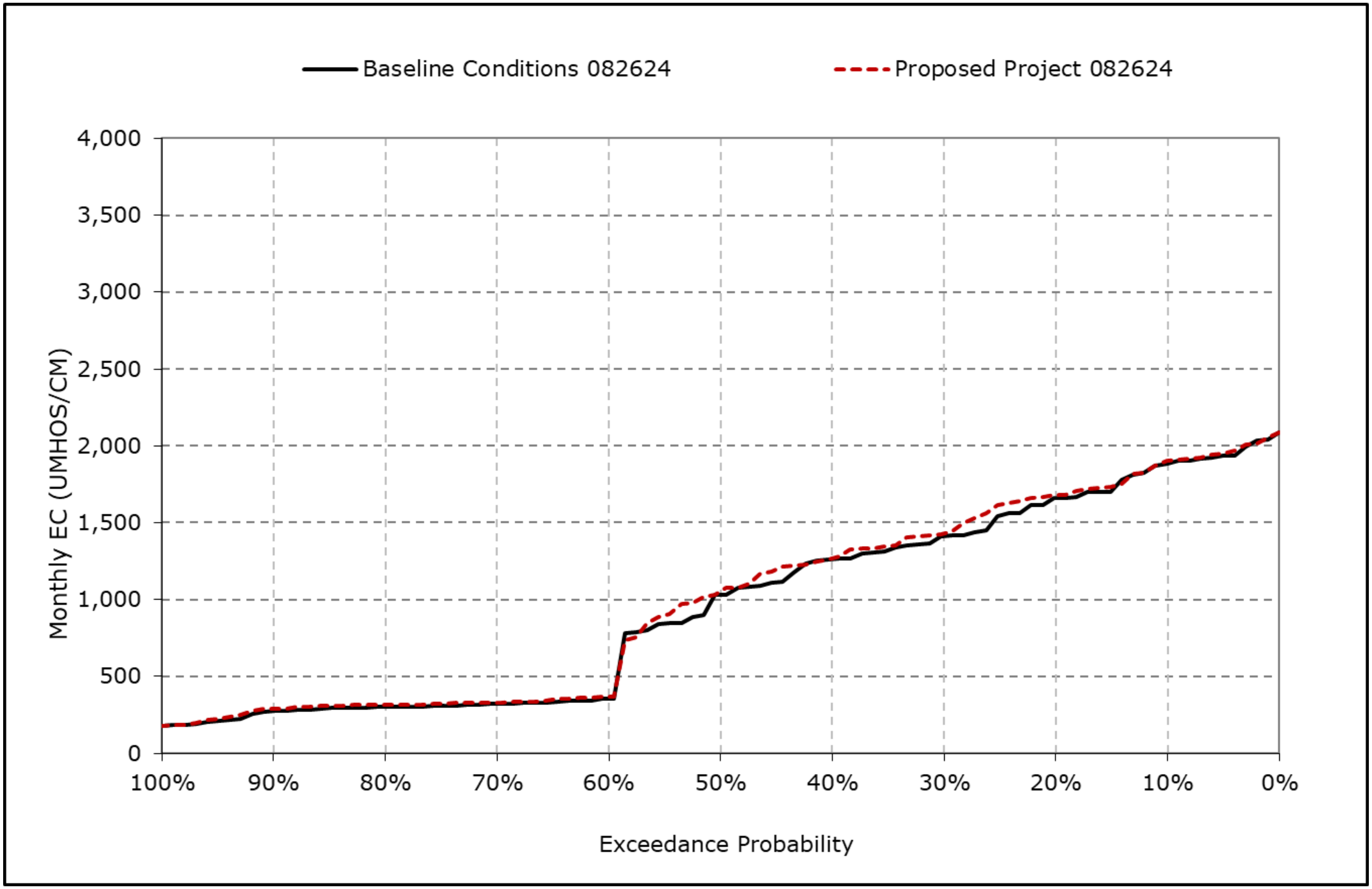
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4B-6-25q. Three Mile Slough, August EC



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

Figure 4B-6-25r. Three Mile Slough, September EC



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