

Updated 18 December 2023

Best Estimates of Rocky Reach and Rock Island Fish Spill Requirements, 2024-2029
As Determined by HCP Fish Survival Study Results
(Spill percentages are a proportion of daily-average projected river flow at the Project)

2024

Rocky Reach Spring

- 0% fish spill (April-late May)
- No juvenile salmon survival studies

Rocky Reach Summer

- 9% fish spill (start approx. 5/30 - end approx. 8/20)
- No juvenile salmon survival studies

Rock Island Spring

- 10% fish spill (start approx. 4/17 - end approx. 5/29)
- No juvenile salmon survival studies

Rock Island Summer

- 20% fish spill (start approx. 5/30 - end approx. 8/20)
- No juvenile salmon survival studies

2025

Rocky Reach Spring

- 0% fish spill (April-late May)
- No juvenile salmon survival studies

Rocky Reach Summer

- 9% fish spill (start approx. 5/30 - end approx. 8/20)
- Possible survival study (June-July) for summer Chinook smolts at 9% spill level

Rock Island Spring

- 10% fish spill (start approx. 4/17 - end approx. 5/29)
- No juvenile salmon survival studies

Rock Island Summer

- 20% fish spill (start approx. 5/30 - end approx. 8/20)
 - Possible survival study (June-July) for summer Chinook smolts at 20% spill level
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2026

Rocky Reach Spring

- 0% fish spill (April-late May)
- No juvenile salmon survival studies

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Rocky Reach Summer

- 9% fish spill (start approx. 5/30 - end approx. 8/20)
- Possible survival study (June-July) for summer Chinook smolts at 9% spill level

Rock Island Spring

- 10% fish spill (start approx. 4/17 - end approx. 5/29)
- No juvenile salmon survival studies

Rock Island Summer

- 20% fish spill (start approx. 5/30 - end approx. 8/20)
 - Possible survival study (June-July) for summer Chinook smolts at 20% spill level
-

2027

Rocky Reach Spring

- 0% fish spill (April-late May)
- No juvenile salmon survival studies

Rocky Reach Summer

- 9% fish spill (start approx. 5/30 - end approx. 8/20)
- Possible survival study (June-July) for summer Chinook smolts at 9% spill level

Rock Island Spring

- 10% fish spill (start approx. 4/17 - end approx. 5/29)
- No juvenile salmon survival studies.

Rock Island Summer

- 20% fish spill (start approx. 5/30 - end approx. 8/20)
 - Possible survival study (June-July) for summer Chinook smolts at 20% spill level
-

2028

Rocky Reach Spring

- 0% fish spill (April-late May)
- No juvenile salmon survival studies

Rocky Reach Summer

- 9% fish spill (start approx. 5/30 - end approx. 8/20)
- Possible survival study (June-July) for summer Chinook smolts at 9% spill level

Rock Island Spring

- 10% fish spill (start approx. 4/17 - end approx. 5/29)
- No juvenile salmon survival studies

Rock Island Summer

- 20% fish spill (start approx. 5/30 - end approx. 8/20)
- Possible survival study (June-July) for summer Chinook smolts at 20% spill level

2029

Rocky Reach Spring

- 0% fish spill (April-late May)
- No juvenile salmon survival studies

Rocky Reach Summer

- 9% fish spill (start approx. 5/30 - end approx. 8/20)
- Survival study for summer Chinook smolts: TBD

Rock Island Spring

- 10% fish spill (start approx. 4/17 - end approx. 5/29)
- No juvenile salmon survival studies

Rock Island Summer

- 20% fish spill (start approx. 5/30 - end approx. 8/20)
- Survival study for summer Chinook smolts: TBD

Table 1. Rocky Reach Best Estimates for Fish Spill Level, Dates, and Survival Studies, 2024-2029

Year	Spring Spill - Best Estimate	Summer Spill - Best Estimate	Spring Fish Study	Summer Fish Study
2024	0% Firm April – late May	9% Firm Est. 5/30 - 8/20	None	None
2025	0% Firm April – late May	9% Firm Est. 5/30 - 8/20	None	Possible Summer Chinook Study
2026	0% Firm April – late May	9% Firm Est. 5/30 - 8/20	None	Possible Summer Chinook Study
2027	0% Firm April – late May	9% Firm Est. 5/30 - 8/20	None	Possible Summer Chinook Study
2028	0% Firm April – late May	9% Firm Est. 5/30 - 8/20	None	Possible Summer Chinook Study
2029	0% Firm April – late May	9% Firm Est. 5/30 - 8/20	None	TBD

Table 2. Rock Island Best Estimates for Fish Spill Level, Dates, and Survival Studies, 2024-2029

Year	Spring Spill - Best Estimate	Summer Spill - Best Estimate	Spring Fish Study	Summer Fish Study
2024	10% Firm Est. 4/17 – 5/29	20% Firm Est. 5/30 - 8/20	None	None
2025	10% Firm Est. 4/17 – 5/29	20% Firm Est. 5/30 - 8/20	None	Possible Summer Chinook Study
2026	10% Firm Est. 4/17 – 5/29	20% Firm Est. 5/30 - 8/20	None	Possible Summer Chinook Study
2027	10% Firm Est. 4/17 – 5/29	20% Firm Est. 5/30 - 8/20	None	Possible Summer Chinook Study
2028	10% Firm Est. 4/17 – 5/29	20% Firm Est. 5/30 - 8/20	None	Possible Summer Chinook Study
2029	10% Firm Est. 4/17 – 5/29	20% Firm Est. 5/30 - 8/20	None	TBD