

# *NISP Fish and Wildlife Mitigation and Enhancement Plan: Poudre River Flows*

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# *How did we get here?*

FWMPs are required under Colorado Statute (37-60-122.2) for water projects that have specific federal components.

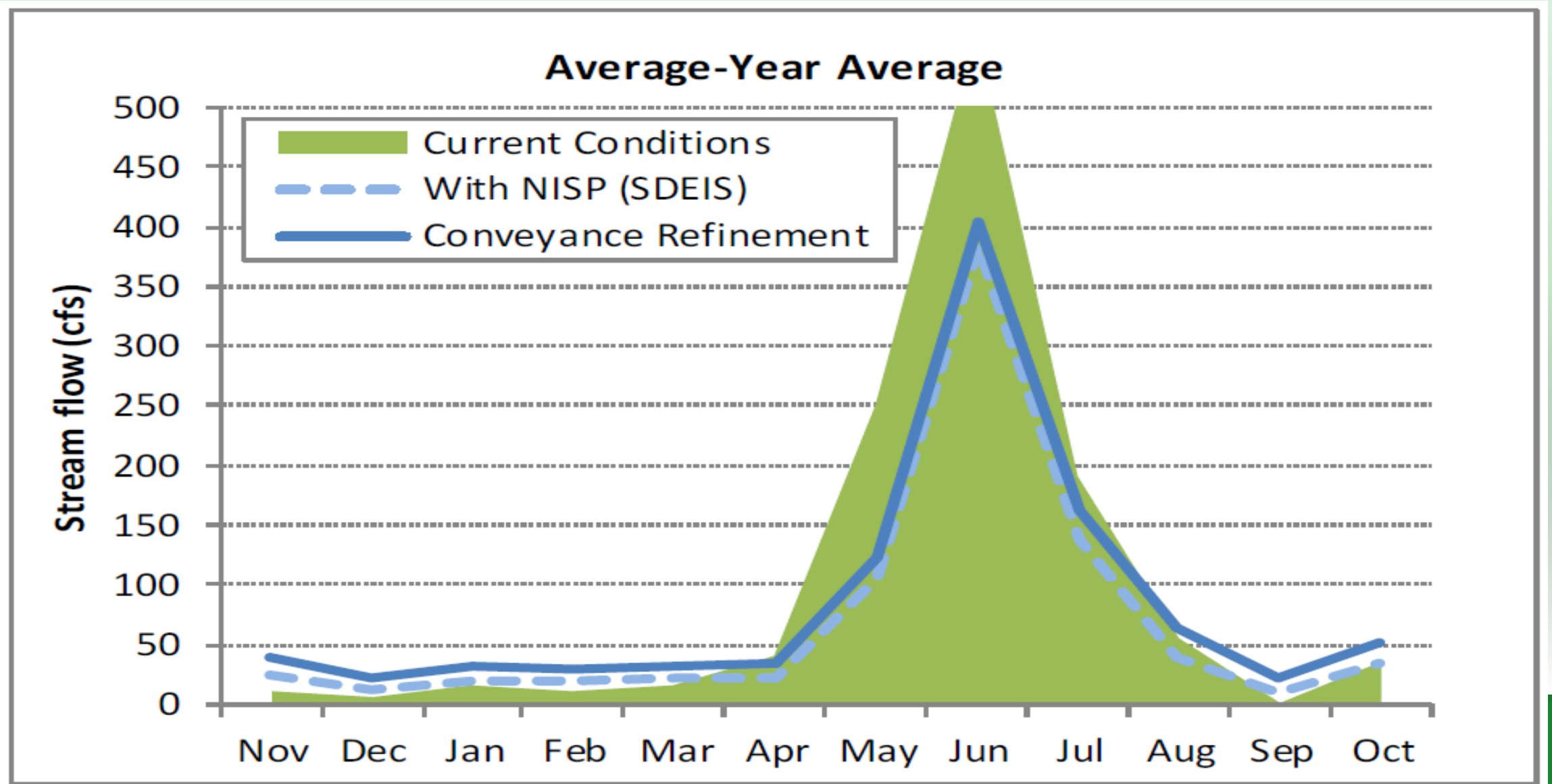
FWMP is *created* by the water project proponent during federal permitting process. The FWMP is reviewed by CPW and the Colorado Water Conservation Board; *if* FWMP is recommended by both agencies, it becomes the State of Colorado's position on fish and wildlife mitigation for the project.

Typically the FWMP becomes incorporated into a federal permit.

NISP FWMEP is the state's position on what NISP needs to do to mitigate impacts to fish and wildlife resources.

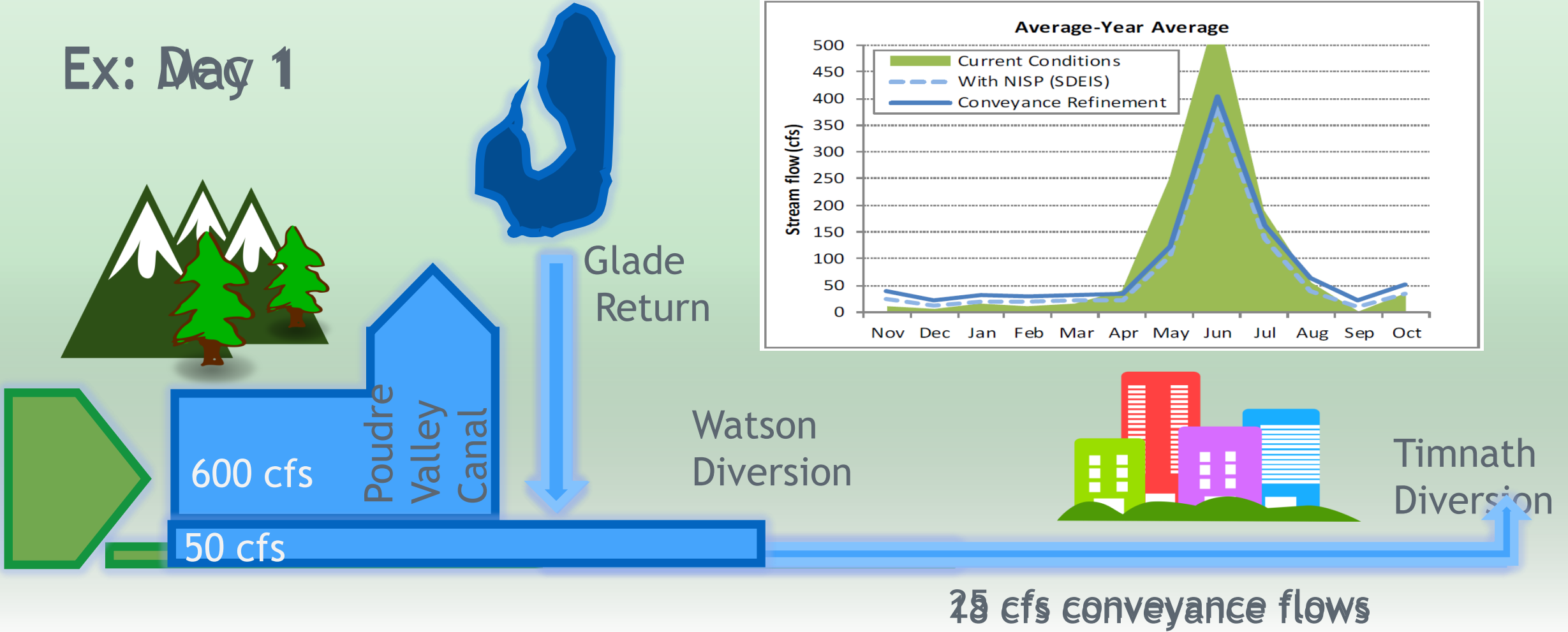


# Why these flows?



# Conveyance and Minimum Flows

Ex: May 1



# Peak Flows

Peak flow bypass requirement based on the snowpack forecast, amount in storage, and previous years' operations:

Range: Full bypass for 3 days to no bypass (uncommon)

3 Day Average Flow at Canyon Gage (cfs)	Recurrence Interval (years)		
	Currently Observed	NSIP without Peak Flow Operations	NSIP with Peak Flow Operations
2,800 cfs	3.6	28.5	7.1
2,200 cfs	1.9	4.4	2.3
1,600 cfs	1.4	2.0	1.5



# *How to learn more*

Diversion structure ramping rates, Adaptive Management, fish bypass structures, riparian plantings, Galeton Reservoir operations, and more are discussed in the FWMEP

View the complete FWMEP at:

<http://www.northernwater.org/sf/WaterProjects/NISP>

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