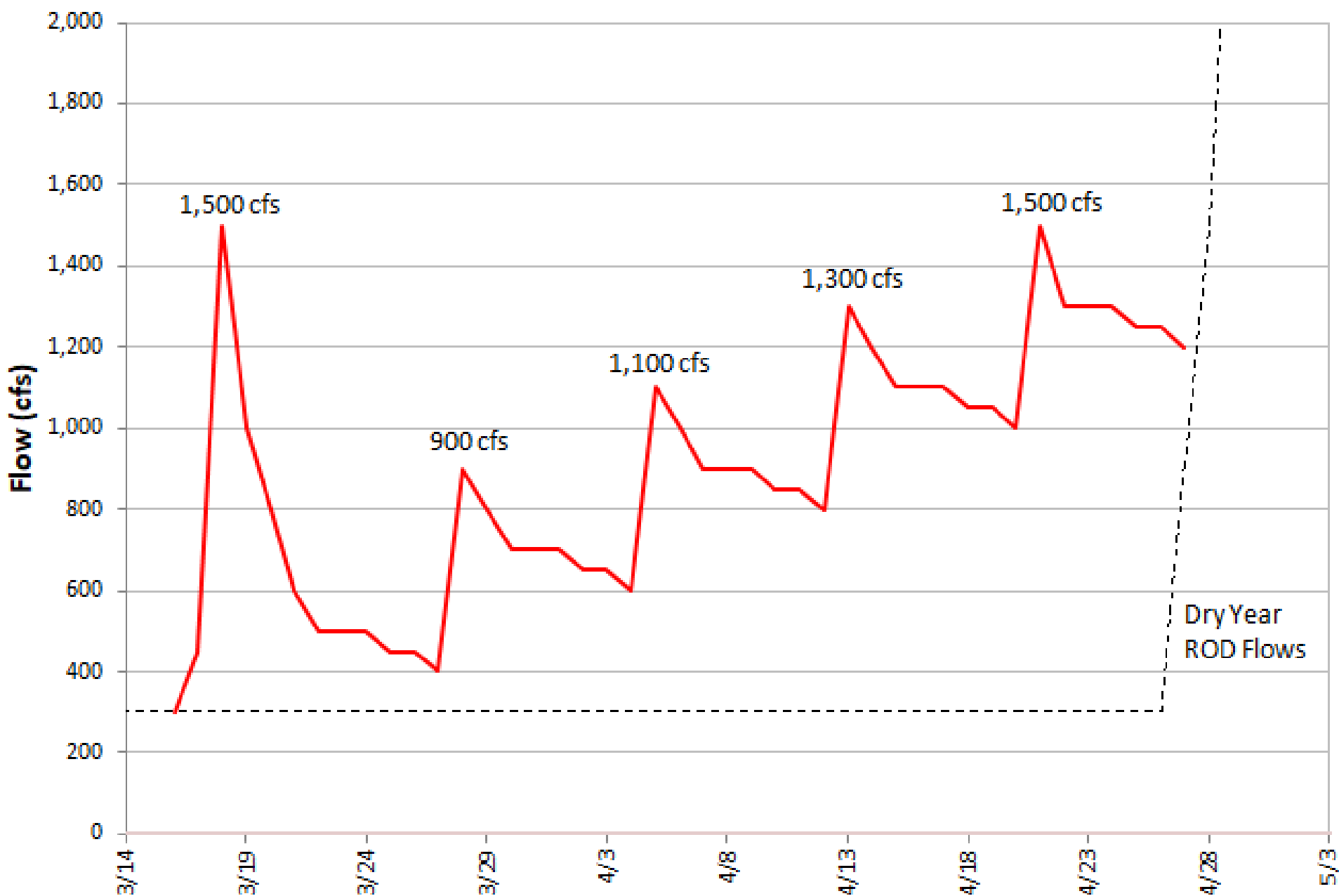
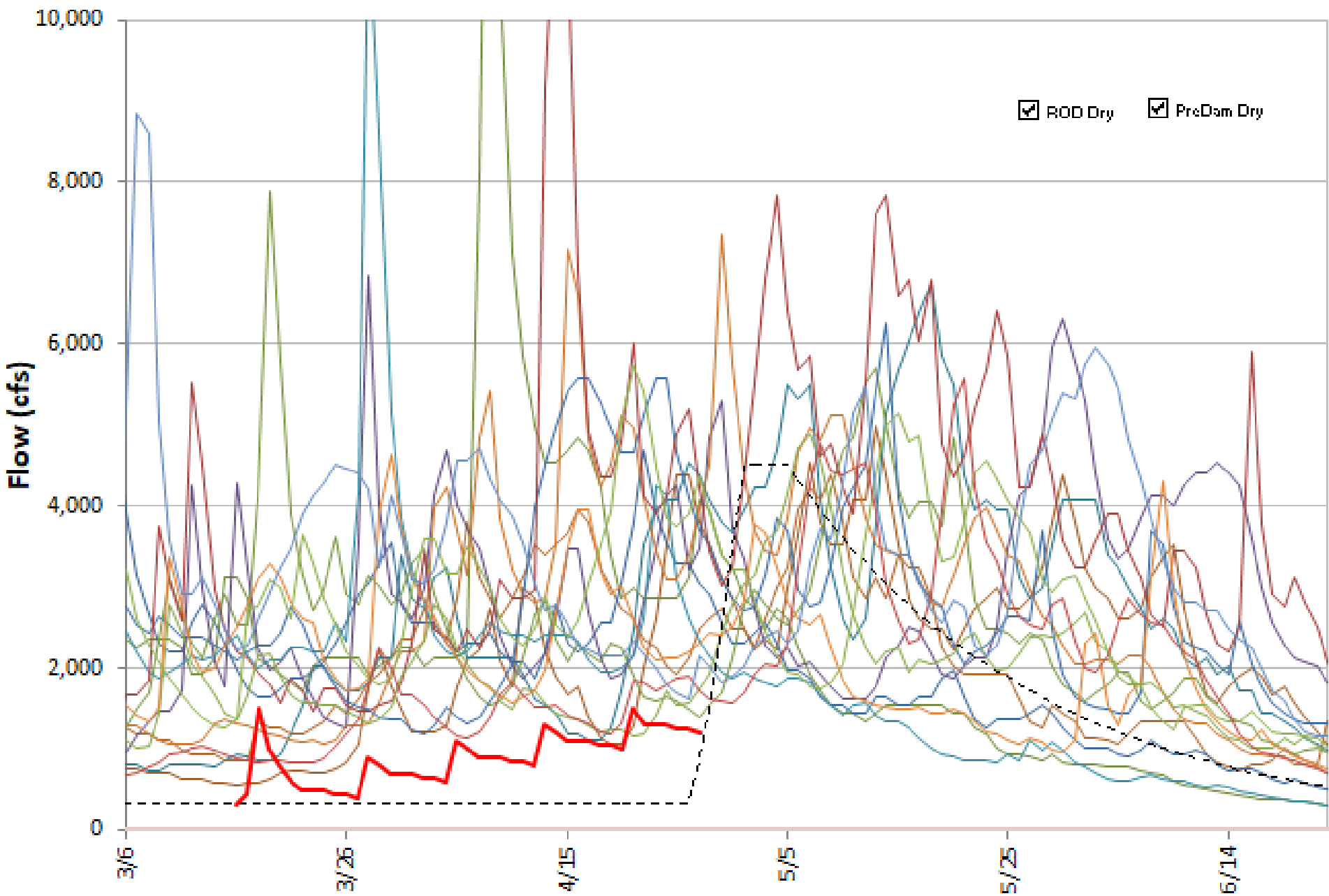


Proposed Winter 2019 Humboldt County Contract Water Releases (daily average flows)







MEMORANDUM

TO: HANK SEEMANN, DEPUTY DIRECTOR, ENVIRONMENTAL SERVICES,
HUMBOLDT COUNTY PUBLIC WORKS DEPARTMENT

FROM: NICHOLAS SOM (USFWS), SETH NAMAN (NOAA), NICHOLAS HETRICK
(USFWS), JUSTIN LY (NOAA)

SUBJECT: ANALYSIS OF FLOW RELEASES TARGETED TO INCREASE JUVENILE
REARING HABITAT

CC: CARYN HUNTT-DECARLO (TRRP), JENNIFER NORRIS (TRRP)

DATE: MAY 17, 2018

Discharge (cfs)	Change in Predicted 40-Mile Habitat Capacity	Habitat Units With Predicted Capacity Increases
300	0	0
500	3%	58%
700	7%	61%
900	10%	66%
1100	14%	72%
1300	19%	78%
1500	25%	81%



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Discharge (cfs)	Change in Predicted 40-Mile Habitat Capacity	Habitat Units With Predicted Capacity Increases	
300	0	0	
500	3%	58%	
700	7%	61%	
900	10%	66%	Six-week average
1100	14%	72%	
1300	19%	78%	
1500	25%	81%	