

Groundwater and Surface Water Duty Used Worksheet

Name:	Joel E Rancher	
Date:	7/8/2018	
Reporting Year:	2018	
Reporting Month:	June	
Crop Type(s):	Alfalfa	
NDWR Permit No(s):	99999	
WRID Card(s):	98765	
Totalizing Meter Make	McCrometer	
Serial No.	18-9876-14	
Units of Measurement	Gallons	
Multiplier	X 1000	
	Meter Reading	Date
L1 Totalizing Meter Reading & Date-Month Start:	123,321,000	6/3/2018
L2 Totalizing Meter Reading & Date-Month End:	130,123,000	7/1/2018
L3 Total Monthly Groundwater Use (AF):	$(L2 - L1) / 325,851 \text{ (gal/AF)} = 20.87 \text{ AF}$	
L4 Groundwater Acreage in production:	100 acres	
L5 Groundwater Duty (AF/Acre)	0.209 AF / acre	
	Water Delivery	WRID User No.
L6 Surface Water Use for Month (AF):	43.21	9999
L7 Surface Water Transportation Loss:	30%	
L8 Adjusted Surface Water Use (AF):	30.25 AF	
L9 Surface Acres in production:	100 acres	
L10 Surface Water Duty (AF/Acre)	0.303 AF / acre	
L11 Total Duty (AF/Acre) Used For Month:	$0.209 \text{ (GW)} + 0.307 \text{ (SW)} = 0.512 \text{ AF / acre}$	
L12 Total Duty Used During Calendar Year (AF/Acre):	1.88 AF/acre	

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Totalizing Meter Make		
Serial No.		
Units of Measurement		
Multiplier		
	Meter Reading	Date
L1 Totalizing Meter Reading & Date-Month Start:		
L2 Totalizing Meter Reading & Date-Month End:		
L3 Total Monthly Groundwater Use (AF):		
L4 Groundwater Acreage in production:		
L5 Groundwater Duty (AF/Acre)		
	Water Delivery	WRID User No.
L6 Surface Water Use for Month (AF):		
L7 Surface Water Transportation Loss:	30%	
L8 Adjusted Surface Water Use (AF):		
L9 Surface Acres in production:		
L10 Surface Water Duty (AF/Acre)		
L11 Total Duty (AF/Acre) Used For Month:		
L12 Total Duty Used During Calendar Year (AF/Acre):		