

# Groundwater and Surface Water Duty Used Worksheet

<b>Name:</b>	Joel E Rancher	
<b>Date:</b>	7/8/2018	
<b>Reporting Year:</b>	2018	
<b>Reporting Month:</b>	June	
<b>Crop Type(s):</b>	Alfalfa	
<b>NDWR Permit No(s):</b>	99999	
<b>WRID Card(s):</b>	98765	
Totalizing Meter Make	McCrometer	
Serial No.	18-9876-14	
Units of Measurement	Gallons	
Multiplier	X 1000	
	<b>Meter Reading</b>	<b>Date</b>
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 <b>Groundwater Duty (AF/Acre)</b>	0.209 AF / acre	
	<b>Water Delivery</b>	<b>WRID User No.</b>
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 <b>Surface Water Duty (AF/Acre)</b>	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 <b>Total Duty Used During Calendar Year (AF/Acre):</b>	<b>1.88 AF/acre</b>	

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<b>Crop Type(s):</b>		
<b>NDWR Permit No(s):</b>		
<b>WRID Card(s):</b>		
Totalizing Meter Make		
Serial No.		
Units of Measurement		
Multiplier		
	<b>Meter Reading</b>	<b>Date</b>
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 <b>Groundwater Duty (AF/Acre)</b>		
	<b>Water Delivery</b>	<b>WRID User No.</b>
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 <b>Surface Water Duty (AF/Acre)</b>		
L11 Total Duty (AF/Acre) Used For Month:		
L12 <b>Total Duty Used During Calendar Year (AF/Acre):</b>		