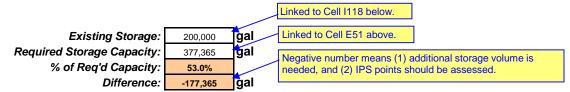
Division of Drinking Water Water System Capacity Calculation Sheet (revised June 23, 2011) Enter the green cells only **System Name:** Copycat Company System Number: 22222 1. Indoor Water Use Convert "Number of other connections" (Cell E9) to ERCs here. (ERCs of other connection = peak day demand of other connections / 800 gal per day) Number of residential connections Example: water use of 2 Number of other connections - - -ERCs of other connections 20.0 factory is equivalent to 30 homes.) Enter number of non-residential connections (e.g., 2 factory connections). Total Equivalent Residential Connections (ERCs) MINIMUM REQUIREMENTS FOR INDOOR WATER USE Source Storage Water Rights Per ERC Per ERC Per ERC Total Total Total (gpd/ERC) (gallons/ERC) (gpm) (gallons) (ac-ft/yr) (ac-ft/yr) 11.1 400 8,000 0.45 9.00 2. Outdoor Water Use Enter estimated irrigated acre Is the drinking water used for outdoor irrigation? No Yes Residential ERCs using drinking water for irrigation 0 Percentage of Residential ERCs using DW for irrigation #DIV/0! Average irrigated acreage per residential connection 0.00 Total irrigated acreage of other connections. 5.00 Enter notes here. Check whether and Enter total irrigated acres of Trrigation zone what % of outdoor irrigation is supplied other connections here by drinking water.) Select Irrigated Zone # from the list (see "Irrigation Demands & Map" tab on MINIMUM REQUIREMENTS FOR OUTDOOR WATER USE the bottom of the screen). Source Water Rights Per ERC Per ERC Per ERC Total Total Total (gpd/ERC) (gallons) (ac-ft/yr) (gallons/ERC) (ac-ft/yr) (gpm) 14.0 9,365 0.00 6.15 0 3. Fire Flow Requirement Enter fire flow in gpm. Does the water system provide fire protection? ✓ Yes No Maximum fire suppression demand for water system or pressure zone (gpm) 3,000 Maximum fire suppression duration for water system or pressure zone (hours) 2 Required Fire Suppression Storage (gallons) --- --->>> 360,000 Enter notes here. Verify minimum fire flow and duration Enter duration in hours. vith local fire authority.) <u>Total Water System Requirements</u> (= indoor use + outdoor use + fire flow demand) MINIMUM REQUIREMENTS FOR WATER SYSTEM Source Storage Water Rights Per ERC Per ERC Per ERC Total Total Total (gpd/ERC) (gallons/ERC) (gpm) (gallons) (ac-ft/yr) (ac-ft/yr) 15.15 800 25.1 400 377,365 0.45 Does this system have adequate source capacity per R309-510-7?

IPS points may be assessed for lacking adequate source capacity to meet peak day and/or average yearly flow requirements.

			Linked to Cell 199 below.			
Existing Sources:	25.0	gpm	Linked to Cell C51 above.			
Required Source Capacity:	25.1	gpm				
% of Req'd Capacity:	99.6%		Negative number means (1) additional source capacity is needed, and (2) IPS points should be assessed.			
Difference:	0	gpm	needed, and (2) if o points should be assessed.			

Does this system have adequate storage capacity per R309-510-8?

IPS points may be assessed for lacking adequate storage capacity.



	MINIMUM REQUIREMENTS FOR INDOOR USE						
	Soui	ce	Storage				
Facility Type	GPD/person*	Calculated GPD/site or pad	GPD/person	Gallon/site or pad	ERC/site or pad	# of Sites or pads	ERCs
Modern Recreation Camp	60	0	30	0	0.00	0	0.0
Semi-Developed Camp w/ flush toilets	20	0	10	0	0.00	0	0.0
Semi-Developed Camp w/o flush toilets	5	0	2.5	0	0.00	0	0.0
RV Park	N/A	100	N/A	50	0.13	0	0.0
*Number of people per camp site	If applicable, enter number of people per camp site here.						
	Source (GPD/vehicle)	Storage (Gal./vehicle)	ERC/1000 vehicles served	# of Vehicles served	ERCs		
Roadway Rest Stop w/ flushometer valves	7	3.5	8.75	0	0.00		

Copycat Company Linked to Cell I8 above. quivalent Residential Connection Calc ource (in gallons per minute WS001 Existing Residential Connections Company Well Number of Obligated Future ERCs **Total Source Capacity** Max. ERC allowed (for indoor use only) Storage (in gallons ST001 South Tank ST002 East Tank **Fotal Projected Number of ERCs** If you need to calculate projected future demand (including existing & future connections), insert this number to Cell I8 "Number of residential connection." Enter notes here if needed.) Total Storage Capacity Diaphragm or air pressure tanks shall not be considered effective storage volume for community systems or NTNC with significant demand.

45

100,000

100,000

200,00