

DEPARTMENT OF PARKS AND RECREATION

August 27, 2014

EXAM CODE: 4PR09

Minimum Qualifications per Class Specs:

Three years of engineering or operating experience in a water filtration plant or a sewage treatment plant serving a population of at least 2,000. **AND**

Possession of an appropriate State of California Certification for Sewage Treatment Plant Operator and/or Water Treatment Plant Operator is required at the time of appointment. Certificates are issued by the Department of Public Health and Water Resources Control Board. (Applicants who are within six months of obtaining the required certification will be admitted to the examination but must produce evidence of certification before they can be considered eligible for appointment.)

DEFINITION OF THE MINIMUM QUALIFICATIONS:

"Three years of engineering or operating experience in a water filtration plant or a sewage treatment plant serving a population of at least 2,000."

Candidates must clearly state how they meet the 2000 population requirement, listed on the exam announcement under the minimum qualifications section. Candidates may qualify using one of the following three formulas:

1. In order to determine the population of the transient use of the Department of Parks and Recreation the following formula may be used:
Population of 2000 x 365 (calendar days) = 730,000 (annual visitation). Annual population divided by 365 days must equal 2,000 or more.
2. Number of campsites x average number of people per campsite (3-5)
Number of average group campsites filled per year x number per group
Number of park residences served (average people per residence)
Add number of day use per day (average per year divided by 365 days)
Equals: Total Population per day

Example

125 campsites (5 per campsite)	= 625
2 group camps x 125 per group	= 250
3 residences x 5 people per residence	= 15
405,000 annual visitation ÷ 365	= <u>1110</u>
Total population per day	2000

3. A population of 2,000 people = 2,000 x 150 gallons per day per person (national average) or 300,000 gallons per day. 300,000 gallons per day divided by 1,440 minutes (60 minutes x 24 hours in a day) = a flow of approximately 208 gallons per minute. Therefore any person running a facility that produces 208 gallons per minute or more should qualify. Or if any person runs several facilities that add up to 208 gallons per minute will qualify.