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TO Alameda County Environmental Health

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MEMO: Monitoring Well Construction Plan (proposed) for Alameda Gas Company Addendum to Work Plan for the Installation of Two Monitoring Wells - Zacon Corp 2-26-92

MW Construction was developed by Mr. Roger Greenfield, PhD, RG #3011

FROM Helen Rountree
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DATE: 4-17-92

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Describe the Water Sources (Concluded)

- For each source, find the average annual pumpage and/or the capacities:
  - If you are quite sure that no one well or intake provides more than 40 percent of one of these measures, you can probably skip this information.
    - Evaluate for single wells, not for well-fields or nested wells.
  - Otherwise, one or the other measure is needed for all the sources. If both measures can be obtained, you may want to calculate which gives the higher score.
  - For standby wells, use the average pumpage for the period of use rather than the average annual pumpage.

Allocate the Population

- If no single source provides over 40 percent of the system capacity or average annual pumpage, simply divide the population served by the number of intakes. Allocate the result to each source.
- If any source (well, intake, purchases) provides over 40 percent, then allocate the population served to each source based on its percent contribution.
  - It would appear logical to choose to evaluate on the basis of capacity if a nearby well has a large capacity but a relatively small average annual pumpage.
  - Be aware, however, that the impact of the population ranges (Table 3–12) may upset this logic.