

**K Water Consumption**

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The IBEC design team reviewed the water demands of a similar project, Golden 1 Center, that instituted G1C0 and water efficiency measures to meet Cal Green. See comments below:

The estimated water consumption from Golden 1 Center, a similar project to the IBEC, associated with the internal plumbing fixtures :

- Calculated annual fixture water use (baseline): 1,617 kGal/yr
- Calculated annual fixture water use (design): 931 kGal/yr
- Reduction 42%
- This is a result of internal water reduction strategies.
- Low flow WC, faucets, urinals and showers.
- These numbers don't include any water savings associated with landscaping etc. for the project, as the project is using the municipal greywater for irrigation. We are not using this municipal source inside the building as there are concerns over water quality.