County of Santa Cruz Environmental Health Services 701 Ocean St. Room 312, Santa Cruz, CA 95060 (831) 454-2022

Well Application Supplemental Information Sheet Water Use and Water Conservation Measures

For well permit application	n #, on APN			
to be served, the type of land us those uses. The Health Officer more than four residential conn water per year, measures must	rdinance (Section 7.70.110) specifies ses to be served, the estimated annual may require documentation to supposections or which will serve nonresider to be taken to ensure that groundwate of a water use efficiency audit, and/o	water use, and the ort the water use ential uses which ca ir is put to benefic	presence of any existing estimates provided. For in be expected to utilize cial use and is not was	g wells which also serve wells which will serve more than 2 acre-feet of ted. These may include
The applicant must prov	ide in writing the following in	formation:		
The proposed well is a (cir	rcle one): replacement sup	plemental n	new	
Water will be used for: (Indicate all that apply)	Residential: Number of Units_ Commercial or Industrial (Desi Irrigation: acreage and crop typ Other:	cribe) be:		
Water will be used on the	following parcels:	·		
Reasons for Needing Prop	osed Well (circle all that apply) luction Declining Water Qua	:	Casing Collapse	Other
Number of other wells on For each well provide the Location/Description/APN 1. 2. 3.	•		Metered or Est.Wate	r Usage Status:
	e from new well will be:use was estimated (attach back)	up information	as necessary)	
List water conservation med 1. 2. 3. 4. 5.	easures:		in place:	to be installed:
 Plot plan showing all e Well logs for existing If the existing well(s) a 	e following as Attachments to this existing wells on the properties to be so wells or other information on depth and are metered, submit the past two years ion wells, submit a completed "Agricultum and the properties of the past two years in wells, submit a complete the past two years in wells, submit a complete the past two years in wells, submit a complete the past two years in wells, submit a complete the past two years in wells, submit a complete the past two years in the pas	erved by existing and perforations of each of water meter rea	existing wells. adings.	
Name of Person Preparing Chec	cklist Signature		Date	
Return this form to: Environme	ental Health, 701 Ocean St., Room 312	2, Santa Cruz, CA	95060; or, Fax (831)454	3128

Water Use Efficiency Measures for New or Replacement Wells Serving Large Uses -

Approved by Board of Supervisors, Resolution 7-2008, January 8, 2008, effective March 24, 2009.

Section 7.70.110.D of the County Well Ordinance requires that measures be implemented to ensure efficient use of water for all uses served by new or replacement wells that will serve more than four residential connections or utilize more than 2 acre feet per year. The section requires that a water efficiency audit be performed, with reasonable recommendations for improved efficiency implemented. Following are the elements to be addressed in the water use efficiency audit.

Water Use Efficiency Audit

- Measure showerhead flow rates and install low flow showerheads, if needed.
- Measure faucet flow rates and install faucet aerators for kitchens and bathrooms, if needed.
- Check toilet for leaks and install tank displacement devices or retrofit, if needed.
- Evaluate the efficiency of the irrigation system.
- Identify and correct irrigation leaks, broken or mismatched sprinkler heads, high pressure and other common problems.
- Provide water conservation materials and water-wise landscaping tips.
- Evaluate any other water uses in the home or business for efficiency.

Section 7.70.110.D.2 allows the installation of standard conservation measures in lieu of performing an audit. In this case, the following measures would be required. Some optional measures could be substituted to offset high water use landscaping.

Conservation Measures (** - Mandatory Measures)

- 1. Install ultra-low flow toilets (<1.2 gal/flush)** (retrofit waived if 1.6 gal/flush toilet is already in use)
- 2. Install low-flow showerheads (<2.5 gpm)**
- 3. Retrofit Clothes Washer
- 4. Audit for leaks**
- 5. Audit for irrigation efficiency**
- 6. Use xeriscape landscaping.
- 7. Utilize drip irrigation if feasible. (Required for agricultural use if feasible)
- 8. Evaluate water use and water savings by installation and use of a water meter.

Conservation Program for Water Systems

Water systems shall be required to develop and implement a water conservation program which will provide for installation of water conservation measures for all users in the system, including metering of individual connections, within not more than 5 years from the time of new well construction.