

Attachment 6 consists of the following:

- ✓ **Proposal Monitoring.** A description of how the System will be monitored to verify the water and energy savings and GHG reduction for the *Regional Turf Reduction Program* and the *DWA Energy Efficiency Project*.

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## Proposal Monitoring

### Regional Turf Reduction Program

The *Regional Turf Reduction Program* is a landscape water efficiency project that will reduce groundwater pumping, saving potable water, energy, and resulting in an associated reduction of greenhouse gas (GHG) emissions. In order to verify the water savings, water use data from CVWD and DWA will be compared pre- and post-project implementation. The two agencies currently collect groundwater pumping data for the golf courses, residential, commercial, and municipal users that will receive the turf reduction rebates and reduce water use.

Monitoring for water savings will occur for only the users that achieve water savings through implementation of the turf reduction program, so as not to account for water savings through the CVWD and DWA water systems resulting from other water conservation or water use efficiency measures/projects.

As explained in Attachment 2, water savings are calculated based upon the square feet or acres of turf that is replaced through the program. This data (the amount of turf replaced) will be collected by CVWD and DWA as part of project implementation (see Attachment 3). The amount of water savings that occur as a result of implementation will be calculated based upon data collected through pre- and post-site visits.

As explained in Attachment 2, energy savings are calculated based upon the amount of water that is saved through water conservation as a result of turf replacement. To verify energy savings, the energy intensity (EI) factors determined as part of Attachment 2 will be applied to the water savings described in the preceding paragraph. Similarly, GHG emissions avoided will be calculated by using the information gathered for preparation of Attachment 2.

DWA and CVWD will continue to track projects throughout the 10-year post-reporting period required by DWR and will maintain an ongoing database that tracks how much turf has been replaced and associated water, energy and GHG savings due to implementation of the *Regional Turf Reduction Program*.

### DWA Energy Efficiency Project

The *DWA Energy Efficiency Project* consists of performing pump improvements for DWA's Well 20 to increase operating efficiency (from 54.9% to an expected 72% efficiency). DWA will continue to work with Southern California Edison (SCE) to conduct pumping tests that evaluate the efficiency of Well 20. Energy savings will be monitored by comparing pre-project energy use from completed SCE reports (see **Appendix D** of Attachment 2) with post-project reports. DWA tracks energy usage in kilowatt-hours (kWh) and will use assumptions about associated GHG emissions as described in Attachment 2 to similarly track GHG savings.

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