



# Reclaimed Water Pumps



This fact sheet addresses common questions about the modifications to the **Reclaimed Water Pumps** that are being incorporated in the proposed project.

## **Purpose and Benefits of Process**

The Reclaimed Water Pump Station pumps treated effluent into the reuse water distribution system for delivery to onsite and offsite reuse locations. Examples of onsite uses of reuse water include spray down water for the influent screens and hose stations throughout the treatment plant. An example of offsite reuse is irrigation water for a golf course.

## **What Process Modifications will be made?**

The Reuse Pump Station currently has two smaller jockey pumps and two larger reuse pumps. In this modification a fifth reuse pump will be installed in the existing expansion position at the station and one of the existing smaller jockey pumps will be replaced with a large reuse pump. When completed the station will

have four full size reuse pumps and one smaller jockey pump.

## **Is the process a potential odor source? Is the process odor controlled?**

No, there is no potential for odor from this process.

## **Does the process include equipment that has the potential to create noise? If so, is there any noise control provided?**

Yes, the pump motors will generate some noise, however there should be no increase in noise. The pumps utilize WP I motor enclosures which provide good noise control. The design specifications limit the noise level from the motor to 85 db at 3 feet from the motor, which translates to about 30 db (the noise level of a whisper) at 1100 feet. The pump station is more than 1000 feet from the nearest property line.

## **Will the process modification change the look and feel of the site?**

No, no change will be seen from the property lines.

## **Will the process modification change the safety of the site?**

No, the same equipment will be in use.