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Raytheon

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West Basin and Raytheon Convert Campus Landscape to Recycled Water

El Segundo, CALIF—Raytheon Space and Airborne Systems (Raytheon), the leading provider of state-of-the-art electronics, mission systems integration, and other capabilities in the areas of sensing, has converted its El Segundo campus to recycled water—saving water, energy, money, and the environment. Through such collaborative efforts, Raytheon and West Basin Municipal Water District (West Basin) are making a huge impact on the environment and the economy.

Raytheon's recycled water conversion for irrigation will save 84-acre-feet a year of imported water—enough to fill 84 football stadiums to 1-foot depth, or 27 million gallons of water—keeping West Basin from having to buy that amount of water from Metropolitan Water District of Southern California who imports the water from Northern California and the Colorado River.

Raytheon's landscaping includes its recreational playing fields along El Segundo Boulevard. By converting its campus to recycled water, Raytheon will also save about \$22,000 annually on its water bill.

The recycled irrigation water is being delivered from West Basin's water recycling facility in El Segundo. The facility is adjacent Raytheon's campus and produces 30,000 gallons a day of five different types of 'designer' recycled water. West Basin's facility supplies recycled water that meets the unique needs of municipal, commercial and industrial customers throughout West Basin's 185-square mile service area.

Since 1992, West Basin has reclaimed 30 million gallons of wastewater daily from its world-renown, state-of-the-art facility in El Segundo. This amount of recycled water conserves enough drinking water –about 7 percent of the region’s water supply – to meet the needs of 60,000 households for one year.

West Basin is improving water reliability for the region through partnerships like this. West Basin has launched its “Water Reliability 2020 Program,” to reduce our region’s dependence on imported water from 66 percent today to 33 percent by 2020 by doubling West Basin’s recycling efforts, doubling conservation, and bringing online 20 million gallons a day of desalted ocean-water.

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Raytheon Company, with 2008 sales of \$23.2 billion, is a technology leader specializing in defense, homeland security and other government markets throughout the world. With a history of innovation spanning 87 years, Raytheon provides state-of-the-art electronics, mission systems integration and other capabilities in the areas of sensing; effects; and command, control, communications and intelligence systems, as well as a broad range of mission support services. With headquarters in Waltham, Mass., Raytheon employs 73,000 people worldwide.

West Basin Municipal Water District is an innovative public agency that provides drinking and recycled water to its 185-square mile service area. West Basin purchases imported water from the Metropolitan Water District of Southern California (MWD) and wholesales the imported water to cities and private companies in southwest Los Angeles County. West Basin is a recognized leader in the production of recycled water and its conservation and education programs are fundamental to West Basin’s diverse water portfolio. To protect our local groundwater basin from seawater intrusion, West Basin provides water for injection into the South Bay’s seawater barriers.