



E **P** **P** **P** **Environmentally Preferable Purchasing Program**

Green Janitorial Product – Multi-Purpose Cleaner



WHO	Parks and Recreation Department
WHAT	Multi-Purpose Cleaner/Degreaser, Sanitizer and Virucide
HOW	Envirox H2Orange2 Concentrate 117
COST	Cost Savings Approx. \$10,933 Per Year
BENEFITS	Enhanced indoor air quality; energy and natural resource conservation; reduced emergency response potential

GREEN PURCHASING

In February 2007, the Parks and Recreation Department (PRD) elected to undertake a janitorial product evaluation as part of their commitment to the city's Environmentally Preferable Purchasing (EPP) Program. Envirox H2Orange2 Concentrate 117 was tested and proved cost effective and capable of streamlining operations by replacing several other cleaning products. However, a training challenge remained to reach all five PRD divisions with product information and to repeat the testing success before a complete product transition could be made. To meet this challenge, Phoenix Channel 11 produced a film capturing the product evaluation process to help promote the effort, focusing on proper dilutions and use, also raising awareness of EPP products overall. The unconventional approach spotlights the city's keen interest in EPP. The training resulted in heightened awareness, expanded product use and overall satisfaction. Ultimately, an Invitation for Bid (IFB) for a multi-purpose cleaner/degreaser concentrate was competitively bid. This spirit of leadership and creative willingness led to the achievement of project goals when Envirox H2Orange2 Concentrate 117's contract was awarded in February 2009 and is currently in use at over 100 PRD facilities.

BENEFITS

Implementing the use of an EPP janitorial product such as H2Orange2 results in environmental, safety and health benefits for PRD. Reducing the use of products that can emit ammonia, acid and chlorine vapors, enhances air quality. Energy and natural resource conservation is achieved through reduced packaging by a product being sold in concentrate. Emergency response actions are eliminated as a result of incompatible product storage and spills.

COST

The Parks and Recreation Department achieved impressive costs savings by balancing the city's EPP goals with budget considerations. The replacement of five janitorial products with the H2Orange2 multi-purpose cleaner reduced administrative costs such as purchasing, tracking, and training and simplified operations in general. By moving H2Orange2 from a term contract and placing it on a Requirements Contract and ordering in bulk (50 cases at one time), janitorial cleaning cost savings is estimated at \$10,933 per year.

PERFORMANCE

Field staff found Envirox H2Orange2 Concentrate 117 worked extremely well on multiple cleaning tasks. Offered in concentrate, the product can be diluted to one ounce per gallon of water for use in general cleaning and is most beneficial in applications that include sanitizing restrooms and community centers, mopping floors, cleaning sinks, toilets/urinals, and removing yellow or blue marker dye from shoes, trucks, and tires. Product success, expanded use, and staff satisfaction led to an IFB and request for a longer-term contract.

CONTACT

Supplies Clerk III Matthew Pina, Parks and Recreation Department, (602) 495-3769.

CITY OF PHOENIX INFORMATION

Parks and Recreation IFB 09-019, Envirox, is available upon request.