

# Prevent Air Pollution

## Car-less and Car-free

### **iShuttle**

**"Less Stress . . . More iShuttle"**  
**Irvine's commuter shuttle**

The iShuttle serves residents, employees and employers in the Irvine Spectrum Area and the Irvine Business Complex (IBC) by taking commuters and residents to and from work and home. These routes specifically connect commuters to morning and evening Metrolink and Amtrak trains from Irvine Station and Metrolink trains from Tustin Station. For additional iShuttle information visit [irvineshuttle.net](http://irvineshuttle.net) or call 949-72-GOBUS (4687).



### **Bikeways**

The City provides a system of on-street and off-street bikeways to encourage the use of a bicycle as a safe and convenient means of transportation for both commuting and recreational purposes. The bikeway network includes 54 miles of off-street bikeways and 301 lane miles of on-street bikeways. For a map of bikeways, visit [cityofirvine.org/bikeways](http://cityofirvine.org/bikeways).



## **ENVIRONMENTAL PROGRAMS**

Visit us on the web at  
[cityofirvine.org/environmentalprograms](http://cityofirvine.org/environmentalprograms)

## **ADDITIONAL RESOURCES**

**Energy Coalition**  
[energycoalition.org](http://energycoalition.org)

**Green Building**  
[usgbc.org](http://usgbc.org)

**Irvine Ranch Water District**  
[irwd.com](http://irwd.com)

**Irvine Regional Household Hazardous Waste (HHW) Collection Center**  
6411 Oak Canyon, Irvine  
(adjacent to the City of Irvine Operations Support Facility)

**HOURS OF OPERATION:**  
Tuesday-Saturday, 9 a.m.-3 p.m.

**Orange County Watershed Program**  
24-Hour Water Pollution Reporting Hotline  
1-877-89-SPILL or 1-877-897-7455

**Waste Management of Orange County**  
949-642-1191  
[wmorangecounty.com](http://wmorangecounty.com)

# CITY OF IRVINE ENVIRONMENTAL PROGRAMS

Help keep the environment  
clean and green

conserve energy



build green



prevent water and  
air pollution



reduce, reuse, recycle



# Zero Waste You Make It Happen!

Zero waste is a fresh approach to waste management and the use of resources. It goes beyond the "end-of-the-line" treatment of waste and promotes not only the three "R's" (reduce, reuse, recycle), but also focuses on a "whole system" approach to the use of resources.

THINK BIG



TO GET SMALL



To learn how to **Think Big To Get Small**, including information on how to start composting, visit the *Zero Waste* section of [cityofirvine.org/environmentalprograms](http://cityofirvine.org/environmentalprograms).



## Use Energy Wisely Energy Saved is Money Earned

### Change Begins with Action

The City of Irvine encourages residents and businesses to save money by conserving energy and helps direct them to utility programs for replacing appliances/equipment and upgrading their homes and businesses. Southern California Edison and The Gas Company both have websites that showcase their energy efficiency efforts. Energy Star and Energy Upgrade California are programs that provide information to help residents and businesses save energy and money. Simple actions like programming your thermostat or switching lights off can help save money and energy.

### School Collaboration

The Promoting Energy Action & Knowledge (PEAK) Program is a partnership between Southern California Edison, Southern California Gas Company, Irvine Unified School District, and eight other districts in Southern California. The program educates students about smart energy usage. Visit [peakstudents.org](http://peakstudents.org) for more information.

### Renewable Energy

As you reduce your energy use, it's time to start thinking about renewable energy. The City has streamlined its permitting process for solar projects, making it easier to install solar powered systems. Visit [cityofirvine.org](http://cityofirvine.org) to learn more.

### Just Think

- Replacing a 10-year-old central air conditioning unit with an ENERGY STAR qualified model can cut 20-40% off your cooling costs.
- Businesses can save money when they turn off printers, computers, fax machines and the coffee maker at night. Office equipment that is left running emit significant heat, forcing air conditioners to work much harder, wasting energy and costing more money!



## Build Green and "LEED®" the Way

### Green Building

Green buildings use environmentally-friendly products in construction and energy conservation to reduce impacts on the environment. A green building uses proven techniques for constructing, remodeling or maintaining it so that it consumes less energy, contains less toxic materials, and generally uses fewer resources, like water. A building with well-insulated walls, windows that allow in light and keep out heat, and use renewable energy such as solar power for electricity and heating; will last longer, be more comfortable and less expensive to maintain for years to come.

### Build It Green

The City of Irvine encourages the use of the nonprofit organization, "Build It Green's," point rating system for residents to ensure that new and remodeled homes in Irvine will be more energy efficient, healthy and sustainable.

### USGBC – LEED®

The nonprofit U.S. Green Building Council (USGBC) has developed a comprehensive program for both new and existing buildings called Leadership in Energy and Environmental Design (LEED®). Through an ordinance adopted in 2005, the City of Irvine requires all new municipal buildings and major renovations of municipal structures over 5,000 sq. ft. to be designed and constructed to at least meet minimum LEED® standards. This will help the City save money as well as make the buildings more sustainable.

### Reasons to Build GREEN

- Green buildings contribute to the good health, comfort, and productivity of employees
- For businesses it improves employee health, comfort and productivity



## Let's Make It Clear Understanding Water Pollution

Sewers and storm drains are two different drainage systems.

### Storm Drain System

Consists of natural and man-made channels that route rainwater away from the City in order to prevent street flooding. Rainwater and urban runoff (e.g. litter, motor oil, pet waste) entering storm drains are not treated before entering creeks, bays and the ocean.

### Sewer System

Consists of a branching network of pipes and manholes. Wastewater (e.g. from toilets, sinks, showers) is treated and then released into water bodies such as the ocean.

For information on stormwater pollution prevention for residents, businesses and developers, visit the Water Quality section of [cityofirvine.org/environmentalprograms](http://cityofirvine.org/environmentalprograms).

### Quick Tip

When using pesticides, fertilizers or any lawn chemicals, always spot apply in a small area instead of blanketing the entire lawn. Also, never apply fertilizers and pesticides to your yard before a predicted rain storm.



## Recycle It Makes Eco-Cents

### Curbside Pickup

The City of Irvine strives to ensure all materials are disposed of properly and efficiently through a three-cart system consisting of recycling, green waste and trash.

### Public Recycling Bins

To encourage recycling, public recycling bins (most are made from recycled materials) are located at Irvine parks and community centers.

### Cash in Your Trash

Earn extra cash by recycling empty bottles and cans at a California Redemption Value (CRV) recycling collection center in Irvine. For a list of recycling centers in Irvine, call 949-724-7669 or visit the Recycling section of [cityofirvine.org/environmentalprograms](http://cityofirvine.org/environmentalprograms).

### It Can Really Add Up

5 cents for containers less than 24oz



5¢

10 cents for containers 24oz or more



10¢