

US EPA ARCHIVE DOCUMENT

U.S. EPA Region 9

# Innovative Energy Management Workshop

Designed for American Recovery Reinvestment Act Utilities

*Learn How to Save Energy and Money at Your Nevada Wastewater and Water Treatment Plant*

**October 5, 2010 • 8:00 a.m. - 5:00 p.m.**

**South Point Hotel and Conference Center, Napa Room C, Las Vegas, NV**



## Co-Sponsors:



*"Despite the impacts of rising energy costs and climate change as major challenges facing water and wastewater utilities in the Pacific Southwest, the good news is that there are many opportunities to save money and help the environment by focusing on energy-efficient techniques. EPA's new Energy Management Guidebook for Water and Wastewater Utilities offers innovative approaches for maximizing the sustainable use of energy, water, and waste, saving money, and improving performance."*

Jared Blumenfeld, Southwest Regional Administrator  
United States Environmental Protection Agency

## Utilities attending this free workshop will have the opportunity to:

- Learn about a water facility energy audit
- Set measurable energy goals to reduce consumption
- Establish a plan to follow through on priority management goals
- Document energy improvements from ARRA projects
- Manage energy to reduce operating costs
- Benchmark wastewater facilities using ENERGY STAR® Portfolio Manager (1 MGD or greater) with a 30-minute phone consultation\*
- Get and review your facility's real time energy data and save energy

Each workshop participant will receive a FREE copy of *Ensuring a Sustainable Future: An Energy Management Guidebook for Wastewater and Water Utilities*  
[http://www.epa.gov/waterinfrastructure/bettermanagement\\_energy.html](http://www.epa.gov/waterinfrastructure/bettermanagement_energy.html) (January 2008)

# Innovative Energy Management Workshop

Tuesday, October 5, 2010

South Point Hotel and Conference Center, Napa Room C

9777 Las Vegas Blvd. South, Las Vegas, NV 89183

## This FREE Workshop includes:

- Pre-workshop one-hour phone consultation\* to benchmark wastewater facilities using ENERGY STAR®
- Interactive instruction on applying energy management system (EMS) approaches to measure and reduce energy use
- Presentations by experienced utility representatives with energy performance improvements and associated cost saving examples from an ARRA funded facility
- Information about incentive programs available from local power company
- Information on funding available through federal and state agencies
- Lunch and refreshments

## Follow-up:

- Technical support for interested utilities
- ENERGY STAR® Benchmarking assistance
- Follow-up information sessions

*Space is limited.*

*Please register by September 15, 2010. First come, first served.*

## Registration

**Register online:**

<http://www.epa.gov/region09/waterinfrastructure/training/energy-workshop-nv>

**Contact: Cheryl McGovern, Phone: (415) 972-3415, Email: [mcgovern.cheryl@epa.gov](mailto:mcgovern.cheryl@epa.gov)**

Pre-workshop benchmarking is available; it will consist of a phone consultation that may take up to one hour.

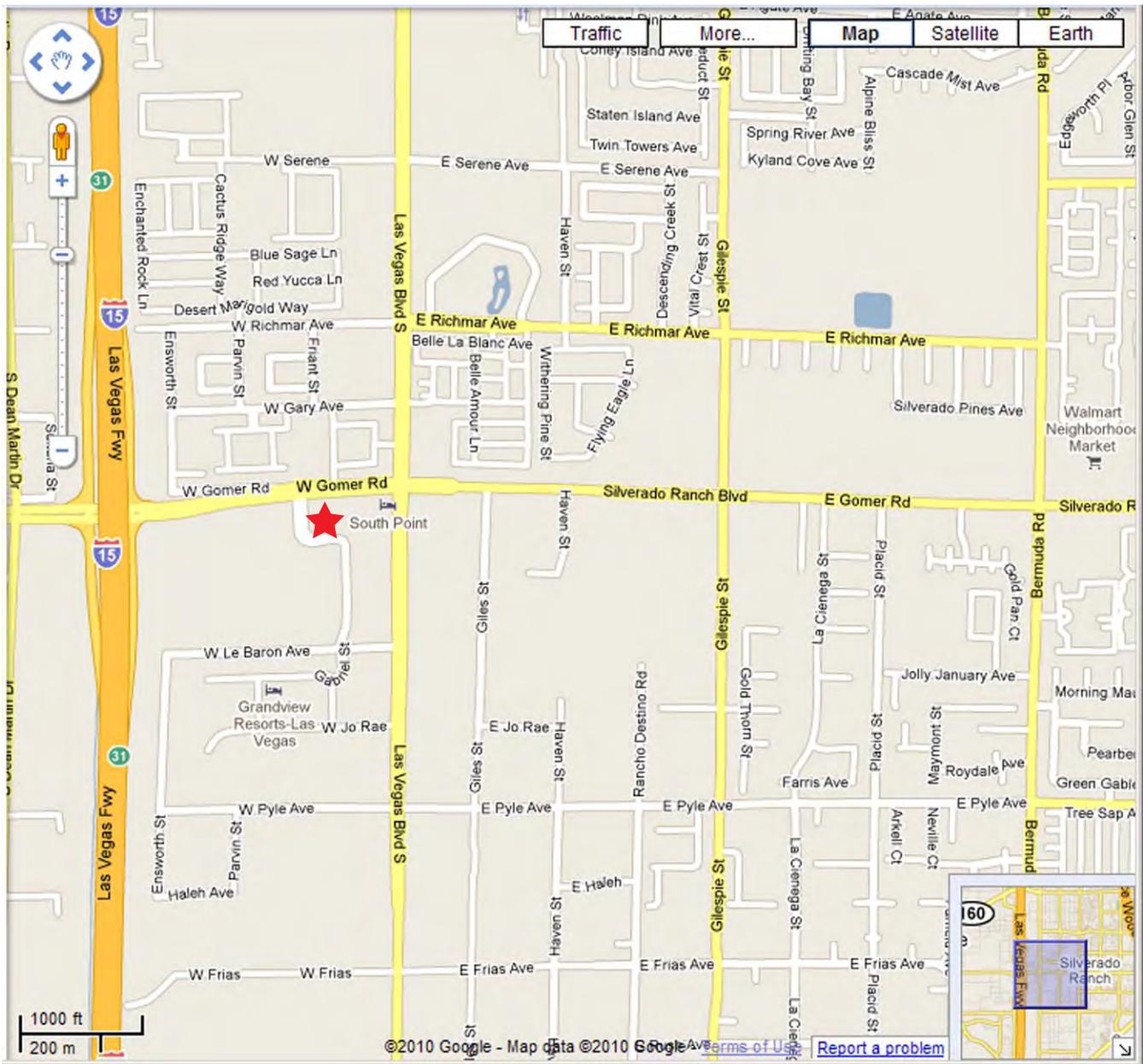
*Preference will be given to wastewater and water facility managers and operators.*

We have requested approval for training educational contact hours for waste water and water operators.

\* Prior to the workshop, an EPA employee may work with you to initiate the benchmarking process. You will need: 1) average daily influent flow; 2) plant design flow; 3) Average Annual Influent Biochemical Oxygen Demand (mg/l [milligrams per liter]); 4) Average Annual Effluent Biochemical Oxygen Demand (mg/l); 5) whether you have Fixed Film, e.g. Trickle Filtrate Process (Y/N); 6) whether you have Nutrient Removal (Y/N); 7) your zip code; and 8) your energy bill service identification meter numbers, and cost information.

# South Point Hotel and Conference Center, Napa Room C

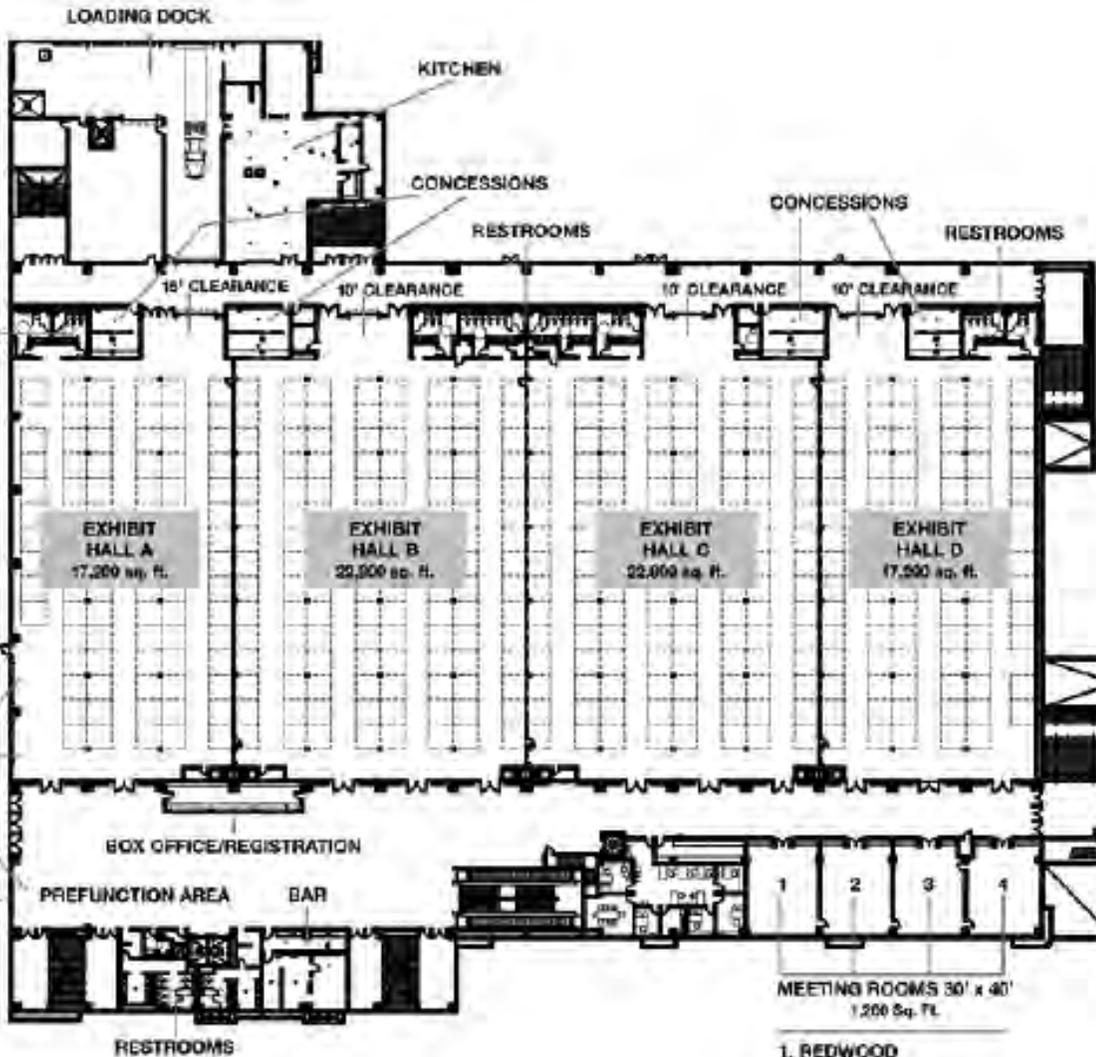
## 9777 Las Vegas Blvd. South, Las Vegas, NV 89183



### Driving Directions

**From California:** Head North on Interstate 15 to Exit 31 (Silverado Ranch Boulevard). As you exit, stay right and make your first right into the parking area for South Point. The South Point is located at 9777 Las Vegas Boulevard South.

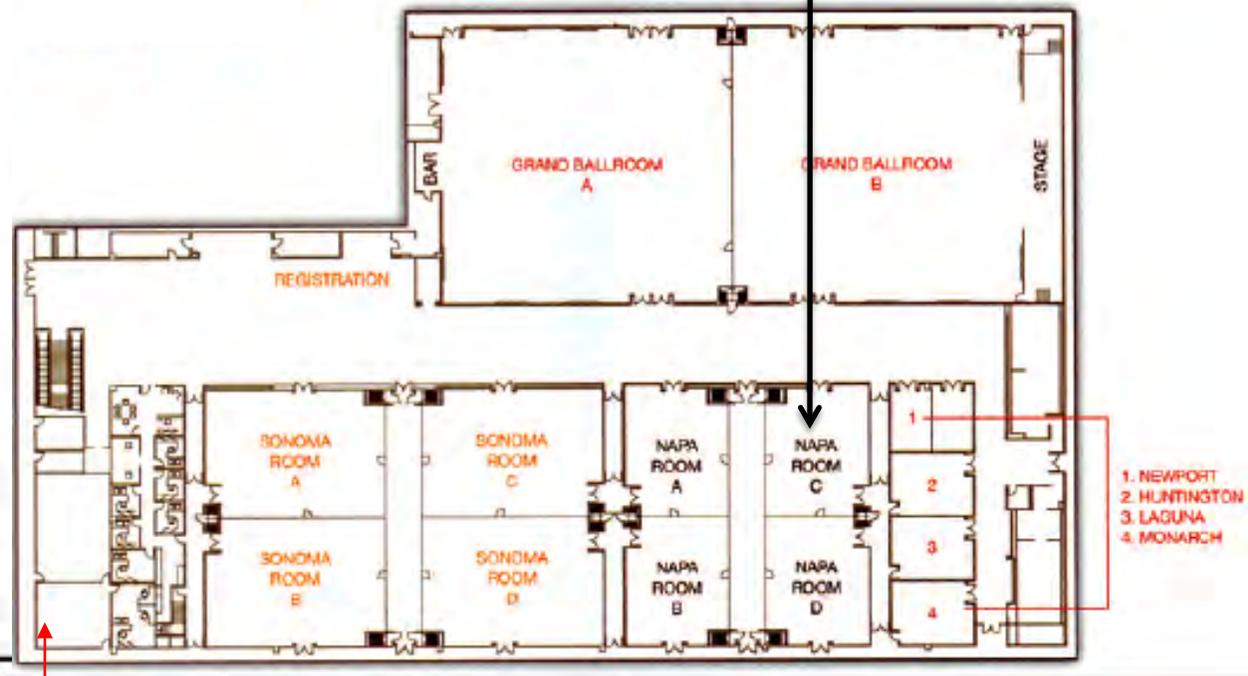
**From the Rental Car Terminal at McCarran Airport:** Head South on Gillespie St. toward E. Warm Springs Rd. Turn right on E. Warm Springs Rd. Then turn Left on Las Vegas Blvd. South Point Hotel, Casino and Spa is on the right hand side of the road at 9777 Las Vegas Boulevard South.



- 1. REDWOOD
- 2. CYPRESS
- 3. JOSHUA
- 4. PALM



Napa C



up

Gaming

Main Entrance

AWE Rooms



Brunswick Room

Green Plumbers

Movie and Bowling