

## STORMWATER BMPS: SWIMMING POOL MAINTENANCE

### **AFFECTED FACILITIES**

These BMPs apply to all municipal swimming pools, wading pools and water parks.

### **BACKGROUND**

The primary pollutants of concern in municipal swimming pool water are chlorine, bromine or chloramines used as disinfectants. These chemicals, if discharged to a storm drain system, can be toxic to aquatic life. Following these BMPs will reduce the pollutants in this discharge.

### **BEST MANAGEMENT PRACTICES**

- Do not discharge pool water to a street or storm drain when draining pools.
- Discharge to the sanitary sewer.
- De-chlorinate water before discharging as per state or municipal requirements. (See: [Discharges from Swimming Pools Hot Tubs and Fountains](#))
- Never clean a pool filter in the street or near a storm drain.
- Store all pool chemicals indoors and have spill clean up materials available.
- Do not hose down pool decks or other paved areas unless wash water drains to grassy areas or to the sanitary sewer.

### **REQUIRED STRUCTURES AND EQUIPMENT**

- Sanitary sewer drains for draining pool water.

### **INSTALLATIONS REQUIRED FOR NEW CONSTRUCTION OR RENOVATIONS**

- New or renovated pools should be connected to the sanitary sewer for pool water discharges, if allowed by the sanitation district.

### **REQUIRED EMPLOYEE TRAINING**

- Train all current employees who perform pool maintenance on this BMP and on the Spill Cleanup BMP.
- Train all new hires and job transferees who will conduct pool maintenance on this BMP before they are assigned to their new duties.
- Conduct refresher training on this BMP as needed for all employees who conduct pool maintenance as needed.
- All contracts must stipulate that contracted employees are trained in stormwater pollution prevention BMPs.

### **REQUIRED MAINTENANCE**

- None

### **RECORDS**

- Keep records of employees and contractors trained.
- Obtain a Colorado Stormwater Discharge Permit if required.

### **EXAMPLES**

- City of Louisville, Recreation Center General Discharge Permit

### **REFERENCES**

1. Colorado's Phase II Municipal Guidance, October 2001
2. *California Stormwater BMP Handbook*, January 2003
3. *Knoxville (TN) BMP Manual, Activities & Methods*, January 2001
4. *City of Tacoma: Surface Water Management Manual (Vol. IV Source Control BMPs)*, January 2003
5. *Municipal Facility Runoff Control Plan* (City of Lakewood, CO)
6. *Best Management Practices for Industrial Storm Water Pollution Control* (Santa Clara Valley, CA)