

## NS-7 POTABLE WATER/ IRRIGATION



### BMP Objectives

- Perimeter Control
- Slope Protection
- Borrow and Stockpiles
- Drainage Areas
- Sediment Trapping
- Streams
- Temporary Stabilizing
- Permanent Stabilizing

### Definition and Purpose

Practices and procedures to manage the discharges from irrigation water lines, landscape irrigation, lawn or garden watering, planned and unplanned discharges from potable water sources, water line flushing, and hydrant flushing.

### Appropriate Applications

Implement this BMP whenever the above activities or discharges occur at or enter a construction site.

### Limitations

None identified.

### General Guidance

- Shut water off before cutting water pipes.
- Consider factors such as soil structure, grade, time of year, and type of plant material in determining the proper amounts of water for a specific area and adjust the water schedule accordingly.
- Where possible, direct run-on water from off-site sources around or through a construction site in a way that minimizes contact with the construction site.
- When possible, reuse discharges from water line flushing for landscaping purposes.
- Shut off the water source to broken lines, sprinklers, or valves as soon as possible to prevent excess water flow.
- Coordinate the flushing of water lines and hydrants prior to commencing construction to avoid conflicts.

- Protect downstream stormwater drainage systems and watercourses from water pumped or bailed from trenches excavated to repair water lines.

**Maintenance and Inspection**

- Conduct inspections as required by the NPDES permit or contract specifications.
- Repair broken water lines as soon as possible or as directed by the Engineer.