

# CONSTRUCTION SITE COMPLIANCE CONNECTION

## Concrete Washout Practices



Don't locate washouts near storm drain inlets! Shown is an illicit discharge from an unmaintained washout located too close to an inlet.



Washout is lined and the area surrounding the washout is protected with vegetation.



Signage is used to designate the cleanout. The area surrounding the containment should be protected with mulch, vegetation, rock or other practices to prevent sediment accumulations in the street.

### About Concrete Washout

- Concrete washout is a prohibited discharge that must be disposed of using acceptable practices.
- It has a high pH and contains other pollutants that will impact aquatic life in waterways.
- Concrete washout must be contained, removed from the site, and disposed of at an approved waste disposal site. Containment placed directly on soil should be lined.

### Siting Concrete Washout Areas

- Washout containers should be placed at locations that are convenient for concrete trucks.
- Larger sites may require multiple washout areas.
- They should be placed on flat areas at least 50ft from storm drains, open ditches, or waterways.
- Use signage at the designated washout area.

### Protect Surrounding Areas

- Gravel or rock should cover the approaches to the washout sites unless the area is paved.
- The soils surrounding the washout should be protected with vegetation or materials such as mulch or rock.

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## Correct Concrete Washout Practices



Rolloff washout.



Bag washout.



Lined box washout..



Chute washout.



Multiple washout bags for ease of access. However, maintenance is required, bags are full, some overflow has occurred onto the street.



Rolloff washout container placed in flat area covered with gravel and accessible to concrete trucks.

### Types of Concrete Washout Containers

- Rolloff Washout Containers - Leak-proof, roll-off type of container with ramp or means of access for concrete trucks.
- Collection Bags - Leak-proof bag designed specifically for concrete wastewater.
- Lined boxes or lined depressions with elevated protection on 3 sides. Iowa SUDAS provides a specification in Section 11.050.
- Chute Washout - On-vehicle chute system to collect wastewater for return to ready mix plant.

### Inspection and Maintenance

- Inspect concrete washout areas daily and after heavy rains.
- Check for leaks. Replace or repair if liner or sidewalls have been damaged.
- When practice is 75% full, clean it out or allow for evaporation of the liquid, then conduct removal and disposal of remaining material.
- When maintenance is needed or has been completed to practices, it should be noted in inspector's report.

