



S&W READY MIX CONCRETE COMPANY	February
CORPORATE ENVIRONMENTAL / SAFETY PROGRAM	
SWPPP BMPs - MONTHLY TRAINING TOPIC	

STORM WATER POLLUTION PREVENTION PLAN BEST MANAGEMENT PRACTICES

Best Management Practices (BMPs) are practices used to reduce the amount of pollution entering surface waters. Based on the potential pollutant areas identified during the facility site assessment, existing and recommended BMPs for the facility are discussed below. A BMP implementation log used to document the BMPs implemented is located in the SWPPP. This log should be kept with the SWPPP and made available upon their request.

Please discuss the following areas with all employees:

1. Truck Loading Areas

- Continue to immediately cleanup any spilled cement, fly ash, or aggregate.

2. Raw Material Storage

- Any total suspended solids (TSS) generated by stormwater contact with the aggregate storage areas is directed to detention ponds or basins which are designed to remove TSS prior to discharge. BMP in these areas would be to insure that stormwater runoff from aggregate storage or cement or flyash loading areas does not leave the property, but indeed goes to ponds or basins.
- Maintain bag houses to prevent dust from cement and fly ash. Immediately cleanup any spill material to limit exposure to stormwater.

3. Chemical Admixture Storage

- Secondary containment walls should be maintained, inspected and repaired when necessary to prevent leaks. Secondary containment is defined as spill containment for the contents of the single largest tank plus sufficient freeboard to allow for a 25 year, 24 hour storm event.
- Maintain the pneumatic pumps and rubber hoses used to transfer the admixtures to the mixer. Clean inside walls when necessary.

4. Diesel or Kerosene Tanks

- Fuel overflows during storage tank filling can be a major source of spills. Watch the transfer constantly to prevent overfilling and spilling.
- Clean up any spills or drips immediately.
- Verify that drain plug is installed.
- Discourage topping off of fuel tanks.
- If needed place dead men posts in front of pumps to protect from contact with trucks, etc.
- Install secondary containment around tank pump and piping if not already done, this would prevent a leak or spill from entering ponds, basins or from leaving the property.



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5. Oil Storage Areas

- Place all drums and lubricants on drip containment pallets.
- Clean up any spills or drips with sorbent materials immediately.
- Maintain valves to prevent leaks.
- Clean out within containment when necessary. Use release form for rainwater release.
- Remove old & unused barrels

6. Ponds and Basins

- Inspect basins regularly for damage, erosion, waste, and sediment buildup.
- Clean out basins when necessary to prevent a stormwater overflow.
- Reduce amount of sediment and processed water to keep basins level low.
- Inspect outfall regularly for dry weather discharge.

7. Sediment Drying Areas

- Inspect area regularly for damage, erosion, waste, and sediment buildup.
- Clean out area when necessary to prevent a stormwater overflow.
- Reduce amount of sediment and concrete waste to keep sediment level low.

8. Truck Wash and Drum Wash Area

- Continue to wash trucks and drums adjacent to the ponds or basins and direct all wash water to prevent it from leaving the property.
- Keep area swept and free of aggregates, fines and trash that could enter the ponds, basins or leave property.
- Inspect area regularly for damage and erosion.

9. Drum/Cab Wash Tanks

- Routinely inspect drum and cab wash storage tanks for proper operation, damage, leaks, etc.

Continue to direct rinse water to the ponds, basins or prevent from leaving property. Keep tanks inside secondary containment. Not required due to its size, but would prevent a leak or spill from entering the ponds, basins or leaving the property.