



Preventing Pollution from Entering Our Waterways

Kitsap County Public Works cleans County stormwater facilities and roads to keep pollution out of our waterways.

- Vactor trucks remove sediment from catch basins and vaults
- Backhoes remove excess soils from stormwater ponds and ditches
- Street sweepers remove polluted grit from our roadways

The material removed from the stormwater system and roads is commonly called street waste. Water quality monitoring staff take samples of the street waste to determine the level of pollutants removed from the stormwater system.

How many tons of solids were removed from the stormwater system?

In 2010 Kitsap County maintenance activities removed over 1,200 tons of potentially harmful solid material from catch basin sumps, underground storm vaults, stormwater ponds, and streets. This maintenance assures that the solid material, containing metals and other toxics, does not flow into our streams or into Puget Sound.

The majority of solids come from catch basin sumps and vaults (962 tons), compared to street sweepings (151 tons) and storm pond material (116 tons).

How much of each type of pollutants were removed from the storm system?

- 800 pounds of toxic metals (copper, lead, and zinc)
- 9 pounds of PAHs (polyaromatic hydrocarbons)
- 290 gallons of oil

High Efficiency Street Sweepers

In 2010, the County began using two new high-efficiency street sweepers. These sweepers can collect everything from large debris to very fine sediment, including pollutants that attach to fine particles. The new sweepers pick up the fine material and remove more pollutants than traditional broom sweepers.

Where does the street waste go?

The street waste is considered a solid waste and can only be stored at approved facilities. Material from the catch basins, vaults and ponds goes to the Kitsap County Maintenance Waste Processing Facility. Material from street sweeping is temporarily stored at road maintenance shops. After it is tested, the street waste is removed to a waste transfer station for disposal at an approved landfill.



Cleaning the stormwater system



High efficiency sweepers remove more pollution



Vactor trucks remove sediment from catch basins

Tons of Solids Removed from Kitsap Storm Systems In 2010

