

Working Scientifically - Stormwater Audit

You will need:

- A map of the school grounds showing the layout of buildings, playgrounds and streets
- Optional – Fluorescein Dye – used for mapping stormwater systems (available from APS Colours-8 Abbott Street Seven Hills NSW 2147 ph; 9839 4000)



What to do:

1. Conduct the survey as a whole class or form small teams of students
2. Walk around the school grounds & street, noting the location of stormwater drains on the school map & also note potential sources of pollution

3. Drain Features

Drain ID	Gradient of the drain and direction of flow	Are they clogged with leaves / litter?	Is any sediment / mud entering the drain? Number of buckets of debris	Are there signs of other pollutants entering stormwater system?

4. Note any potential sources of pollution on your map.
5. Where do the stormwater drains flow to? (ask your G.A., principal or local council)

6. Further investigation / reporting - back in the classroom, discuss the following questions:

- a) What would be the impact on the local creek if litter, leaves, sediment or other pollutants are entering the stormwater drains around the school?
- b) What would be the impact if roof gutters were connected to the sewerage system?