



# STORMWATER DRAINAGE

ENVIRONMENTAL HEALTH AND SAFETY

# UAH IS NOW AN MS4

- 40 CFR 122.26
- conveyance or system of conveyances that is: a. Owned by a state, city, town, village, or other public entity that discharges to waters of the Commonwealth
- UAH is officially an MS4 as of 2017

# NPDES PHASE 2 STORMWATER MANAGEMENT

- Maintaining a stormwater management plan
- Best management practices (BMPs)
- Meet maximum extent practicable standards (MEP) for year 1

# YEAR 1 MEPS

- Develop stormwater pollution prevention plan
- Develop poster to educate students regarding stormwater pollution
- Stencil “flows to river” at accessible campus storm drains
- Develop storm water pollution prevention information on EHS website

# PLAN DEVELOPED

- Nassar Amiri
- NPDES phase 2 stormwater management plan (MS4)
- Oehs website accessibility

# HOW CAN POLLUTION OCCUR?

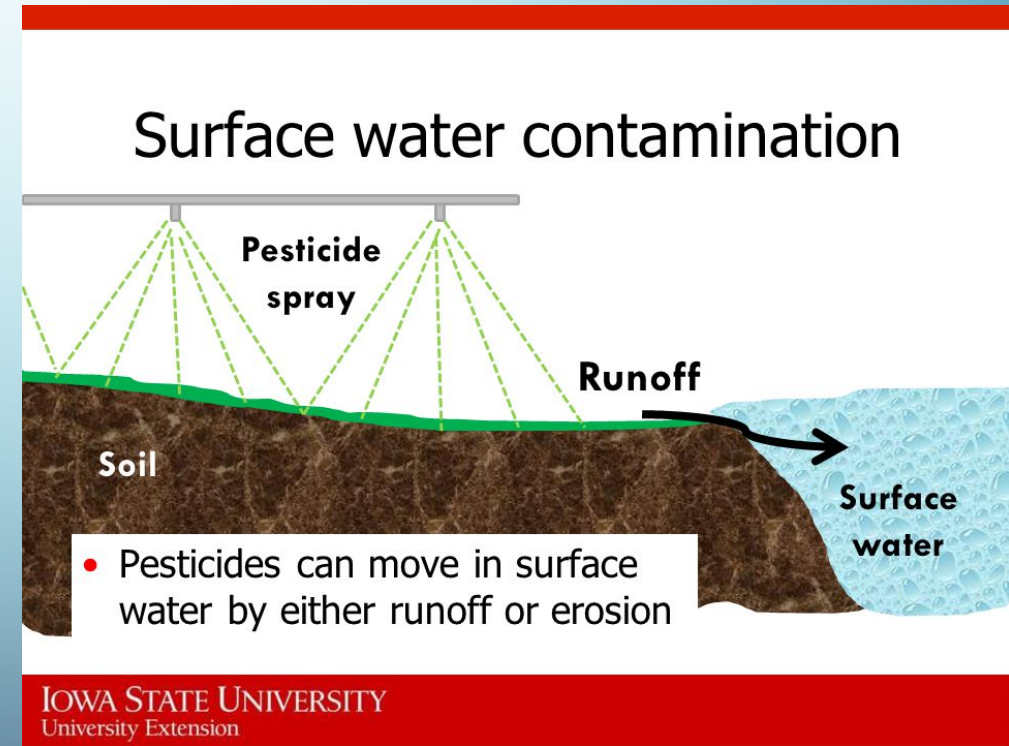
- Building maintenance-wash water, paint chips, cleaning products and sediment
- Chemical spills-cleaning compounds, paint, vehicle fluids
- Construction activities- concrete, drywall, paint sediment

# EROSION

- Sediment and organic matter can runoff into storm water drainage systems
- Create a barrier to help remediate this

# GROUNDS MAINTENANCE

- Green waste
- Fuel
- Oil
- Pesticides
- Herbicides





# LITTER

- A large portion of storm water pollution comes from littering.
- Garbage, cigarettes, bottles, and various other littering objects.

# PAINTS

- Most painting exercises can lead to runoff paint drainage
- Must use precautions when using paints and paint materials
- Use latex based instead of oil based paints

# PARKING LOT RUNOFF

- Oil/grease
- Litter
- Heavy Metals



# SEWAGE

- Lots of runoff can come from sewage, waste and debris

