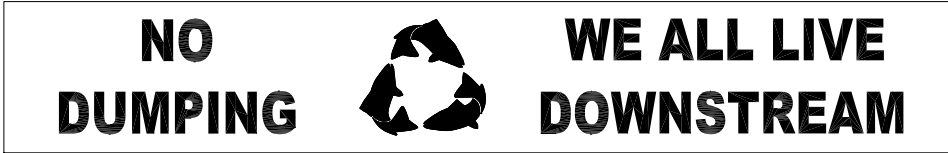


PROGRAM ELEMENTS

- New Development
- Residential
- Commercial Activities
- Industrial Activities
- Municipal Facilities
- Illegal Discharges



DESCRIPTION:

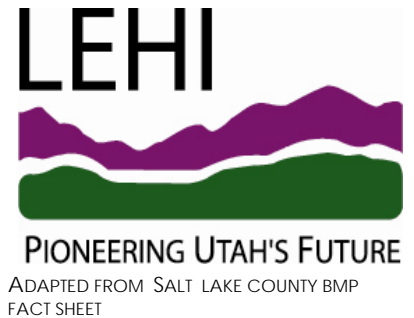
Stenciling of the storm drain system (inlets, catch basins, channels, and creeks) with prohibitive language/graphic icons discourages the illegal dumping of unwanted materials.

APPROACH:

- ▶ Create a volunteer work force to stencil storm drain inlets.
- ▶ An important aspect of a stenciling program is the distribution of informational flyers that educate the neighborhood (business and residential) about stormwater pollution, the storm drain system, and the watershed. The flyers should also provide information on alternatives such as recycling, household hazardous waste disposal, and safer products.
- ▶ Because a stenciling program primarily involves volunteer services, liability release forms and volunteer identification notices should also be administered.
- ▶ Readability of stencils is critical to their effectiveness. Wherever possible stencils should be painted on a smooth surface such as cement, as opposed to asphalt.
- ▶ Use municipal staff to erect signs near drainage channels and creeks.
- ▶ An effectively implemented stenciling program encourages change in personal behavior and helps minimize non-point source pollutants from entering the storm drain system. An additional benefit is that waste and catch basin maintenance is minimized through the reduction of disposed materials into storm drain inlets. Finally a well-implemented stenciling program encourages the use of household hazardous waste collection and used oil recycling programs.

LIMITATIONS:

- ▶ Private property access limits stenciling to publicly-owned areas.
- ▶ Program is highly dependent on volunteer response.
- ▶ Storm drain inlets that are physically blocked will be missed or require follow-up.
- ▶ High traffic/commercial/industrial zones are the responsibility of city staff.
- ▶ Ongoing maintenance is needed to maintain readable signs.



TARGETED POLLUTANTS

- Sediment
- Nutrients
- Heavy Metals
- Toxic Materials
- Oxygen Demanding Substances
- Oil & Grease
- Floatable Materials
- Bacteria & Viruses

- High Impact
- Medium Impact
- Low or Unknown Impact

IMPLEMENTATION REQUIREMENTS

- Capital Costs
- O&M Costs
- Regulatory
- Training
- Staffing
- Administrative

- High Medium Low