



CRWC

CLINTON RIVER WATERSHED COUNCIL



MACHINE SHOP BEST MANAGEMENT PRACTICES (BMP'S)

When rain falls and snow melts, the runoff produced picks up a variety of contaminants such as oil, metals, salts, pet waste, fertilizer, and grass clippings as it flows over roofs, roadways, sidewalks and lawns.

Stormwater runoff ultimately flows into storm drains.

Remember: storm drains lead directly to our local rivers and streams.

HOW DO MACHINE SHOPS CONTRIBUTE TO STORMWATER POLLUTION?

- Through improper storage of chemicals, paints, metals, and other substances (this can include storage on porous pavement, storage containers that aren't double walled, leaky containers, or a lack of secondary containment such as dykes or berms).
- Improper disposal of products from equipment maintenance, such as cleaning solvents, oil, grease, and fuel.
- Improper disposal of swarf (chips/turnings/filings/shavings) that results from subtractive manufacturing.
- An insufficient spill response plan, or improper hazardous spill management.

BEST MANAGEMENT PRACTICES (BMP):

Behaviors and practices used by individuals and businesses to prevent or reduce stormwater pollution impacts.



- Sweep fabrication areas regularly to avoid heavy accumulation of swarf and use dry clean up methods instead of washing areas down.



- Place batteries, hazardous materials, and waste in secondary containers to avoid spills.



- Write a spill response plan and train employees annually.
- Have readily available spill kits, which can prevent a spill from entering storm drains.



- Store metal parts and equipment indoors where not exposed to precipitation. If something must be stored outside, apply a temporary cover such as a tarp or canvas.



- Frequently check all containers for leaks, or potential holes.



- Consistently train employees on good housekeeping and proper hazardous material management techniques.



- Never dump anything other than clean water into a storm drain!

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