



## **INDUSTRIAL PRETREATMENT PROGRAM INSPECTION OF AUTOMOTIVE SHOPS PROCEDURE MANUAL**

The Industrial Wastewater Pretreatment Program conducts compliance inspections of automotive shops that discharge process wastewater into the City of Meridian sewerage system. Following these “best management practices” will ensure Meridian Automotive Shops to meet compliance with applicable federal regulations that conduct auto repair and maintenance activities.

Meridian’s Industrial Wastewater Pretreatment Program has adopted these Best Management Practices to assist our community’s auto shops on how to best manage the disposal of industrial process wastewater discharge to sewer. These BMPs now serve as our inspection criteria checklist by our pretreatment inspector during an automotive shop inspection. Legal authority of the Industrial Wastewater Pretreatment Program is established by *Title 9, Chapter 2 Sewer Pretreatment of Meridian City Code, § 9-2-2-1-C and § 9-2-2-4.*

### **FACILITY INSPECTION:**

- The inspection should last 30 minutes or less;
- A typical inspection includes the Inspector evaluating the automotive shop for compliance and writing an inspection report.

- Proceeding an inspection;
  1. If the automotive shop is in compliance there will be no corrective action required;
  2. Upon the completion of the inspection process, a compliance letter will be distributed to the business.

**INSPECTOR:**

- Visually inspect the interceptor vault to ensure proper maintenance;
- Conduct a Local Limits sample event as per Title 9, Chapter 2 § 9-2-2-4:.
  1. Check records, such as receipts for waste disposal or recycling are on file;
  2. Receipts are to be kept on file for 3 years.
- Ensure waste material is properly stored and labeled.

**POTENTIAL POLLUTANT SOURCES:**

The following activities are potential sources of pollutants:

- Automobile servicing
- Parts cleaning
- Material and waste handling
- Material storage
- Cleaning floors
- Cleaning products

## **BEST MANAGEMENT PRACTICES (BMPs)**

Best Management Practices (BMPs) for Automotive Shops as prepared by the City of Meridian Pretreatment Program to be followed.

**GENERAL:**

▶ **Do...**

- Wipe up any spilled fluids;
- Sweep and mop service floors;
- Use phosphate free soaps/cleaners;
- Maintain and service your interceptor vault.

▶ **Don't...**

- Dispose of oil/grease waste down a drain.
- Dispose of old chemicals down a drain.
- Do not hose down spills to floor drains.
- Do not wait until your interceptor is overflowing to get it cleaned.

### **AUTOMOBILE SERVICING:**

- Conduct maintenance or repair work in designated areas that incorporate fluids spill containment;
- Keep drip pans in place to collect fluids while unclipping hoses, unscrewing filters, or storing a vehicle. Use a drip pan under any vehicle that may leak fluids;
- Sweep or use a vacuum to clean up dust and debris from scraping or bead blasting operations.

### **PART CLEANING**

- Steam cleaning and pressure washing can be substituted for chemical base solvent part cleaning processes. Process wastewater generated from steam cleaning can be discharged to your interceptor vault connected to sewer or a blind sump. The discharge of wastewater from steam cleaning, or engine/parts cleaning to a street, gutter, or storm drain is prohibited;
- Designate specific areas or service bays for the cleaning of engine, parts, or radiator cleaning. **Do not wash or rinse parts outdoors.** Prevent cleaning wastewater from flowing to outside areas;
- Rinse water may be discharged to the sanitary sewer with adequate treatment and approval with The Meridian Pretreatment Program.

### **CLEANING FLOORS**

- Practice the use of dry cleaning methods (i.e. sweeping, vacuuming) when possible. Use absorbents such as kitty litter or professional mats to soak up oils and liquids prior to conducting shop wash/scrub down processes.
- Avoid discharging pollutants directly into floor drains connected to your interceptor vault, to prevent high concentration levels of heavy metals in the interceptor sludge material.