New Pig
One Pork Avenue
P.O. Box 304
Tipton, PA 16684-0304

14 July 2015

Site Visit: Antis Township Municipal Building
909 North Second Street
Bellwood, PA

Contact: Lucas Martsolf

Stiffler McGraw and Associates recently performed an environmental audit of the Antis Township Municipal Building. The Township has reviewed these findings and is looking for recommendations and solutions that can be incorporated into the best management practices, plans and procedures that they will be creating to comply with federal and state regulations and minimize pollution risks.

Compliance with clean water regulations is performance-based. This allows the facility owner to develop plans and procedures; and choose the products or solutions that they feel will be the most beneficial and effective for their situations.

Garage Area

This area has five bays, each with a floor drain. Because the vehicles that may be parked in these bays can leak oil and other automotive fluids (as evidenced by staining on the concrete floor,) best management practices should be incorporated to minimize the potential for this oil to enter the floor drains.

Recommendations / Options:

- Permanently seal floor drains to prevent fluids from entering, or use drain covers to temporarily seal drains when there is a possibility of anything other than water entering the drains.
- Label drains to indicate where they lead (sanitary sewer, navigable waters, retention pond, etc.)
- Stock absorbent mats and a spill kit in the area to enable fast response to spills
    - Post instructions and provide training for the use of these items
- Perform routine inspections in this area to ensure that debris and contaminants are not entering drains, that spill response supplies are available, etc.

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Possible product recommendations for this area:

- Drainblocker Drain Covers with wall-mounted brackets
- Absorbent Mat with wall-mounted dispenser
- Spill response kit

Operations and Maintenance Area

Routine maintenance and vehicle wash downs (pressure wash) are performed in this area. Virgin fluids are dispensed from drums and other containers. Waste fluids are collected for recycling in drums and tanks.

Recommendations / Options:

- Provide secondary containment for drums and storage tanks
- Store aerosol cans, paint cans and other flammable materials in Flammable Storage Cabinets
- Provide an eyewash station
- Permanently seal floor drains to prevent fluids from entering or use drain covers to temporarily seal drains when there is a possibility of anything other than water entering the drain
- Label drains
- Develop a fluid management system
- Do not permit vehicle washing (pressure washing) in this area unless a system is in place to capture wash water
- Consider purchasing pre-paid fluorescent lamp recycling service packages for spent fluorescent lamps
- Stock absorbents /spill kits
    - Post instructions for use
- Perform pressure washing on a containment pad or in an area where water can be collected
- Perform routine inspections in this area to ensure that debris and contaminants are not entering drains, spill response supplies are available, etc.

Possible product recommendations for this area:

- Drainblocker Drain covers and wall mount brackets
- Absorbent mat rolls and dispensers
- Spill kits for this areas as well as for each fleet vehicle (in case of a spill while the vehicle is offsite)
- Flammable storage cabinet
- Eye wash station
- Spill containment pallet
- Containment pad for vehicle wash-downs

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Outdoor Area

A 1,000 gallon fuel tank is going to be removed soon. Several empty drums will also be removed. A large waste oil tank that is stored behind the maintenance areas will need secondary containment.

Recommendations / Options:

- Remove 1,000 gallon tank and have the soil in the area surrounding the tank sampled for hydrocarbon contamination. Remediate soil if necessary.
- Provide secondary containment for the waste oil storage tank located behind the building. Remove contaminated soil before secondary containment is installed.
- Consider self-bailer for secondary containment system that would allow water to drain while capturing trace oils. Alternatively, have a method for pumping out water that accumulates in the sump – or cover the unit to prevent water from entering the sump.
- Get rid of empty, unused containers (drums) and other items that are not being used.
- Signage
- Routine inspections to ensure that there are no leaks from the waste oil tank, etc.

Possible product recommendations for this area:

- Secondary containment for the waste oil tank. This could be fabricated with a concrete pad and block or pre-fabricated (collapse-a-tainer)
- Self-bailer that allows water to exit a secondary containment system while capturing oil