

**Oak Park Conservancy District
Stormwater Best Management Practices (BMPs)
Good Housekeeping Practices (GHPs)**

GHP-12

Activity: Vehicle and Equipment Fueling

**PLANNING
CONSIDERATIONS:**

Training:
High

PE Design
Approval:
Required

Maintenance:
Low

Inspection
Frequency:
Weekly



Target Pollutants

Significant ♦

Partial ♦

Low or Unknown ♦

Sediment ♦ Heavy Metals ♦ Nutrients ♦ Oxygen Demanding Substances ♦ Toxic Materials ♦
Oil & Grease ♦ Bacteria & Viruses ♦ Floatable Materials ♦ Construction Waste ♦

Description

This BMP prevents fuel spills and leaks and their impact to stormwater by using off-site facilities, fueling in designated areas only, enclosing or covering stored fuel, implementing spill controls, and training employees and subcontractors.

Approach

- Use off-site fueling stations as much as possible. Fueling vehicles and equipment outdoors or in areas where fuel may spill/leak onto paved surfaces or into drainage pathways can pollute stormwater. If you fuel a large number of vehicles or pieces of equipment, consider using an off-site fueling station. These businesses are better equipped to handle fuel and spills properly. Performing this work off-site can also be economical by eliminating the need for a separate fueling area at your site.
- If fueling must occur on-site, use designated areas, located away from drainage courses, to prevent the run-on of stormwater and the runoff of spills.
- Discourage "topping-off" of fuel tanks.
- Always use secondary containment, such as a drain pan or drop cloth, when fueling to catch spills/leaks.
- Place a stockpile of spill cleanup materials where it will be readily accessible.
- Use adsorbent materials on small spills rather than hosing down or burying the spill. Remove the adsorbent materials promptly and dispose of properly.

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Approach (Continued)	<ul style="list-style-type: none"> ➤ Carry out all Federal and State requirements regarding stationary above ground storage tanks with special attention given to secondary containment. ➤ Avoid mobile fueling of mobile construction equipment around the site; rather, transport the equipment to designated fueling areas. With the exception of tracked equipment such as bulldozers and perhaps forklifts, most vehicles should be able to travel to a designated area with little lost time. ➤ Train employees and subcontractors in proper fueling and cleanup procedures. ➤ For a quick reference on disposal alternatives for specific wastes, see the table presented in the Employee/Subcontractor Training BMP fact sheet. ➤ Locate fueling areas on a paved surface where practical. ➤ Protect fueling areas with berms and/or dikes to prevent run-on, runoff, and to contain spills. ➤ Use vapor recovery nozzles to help control drips as well as air pollution where required by Air Quality Management Districts.
Maintenance	<ul style="list-style-type: none"> ➤ Keep ample supplies of spill cleanup materials on-site. ➤ Inspect fueling areas and storage tanks on a regular schedule.
Inspection Checklist	<ul style="list-style-type: none"> <input type="checkbox"/> Vehicles/equipment leaving site are using a stabilized construction entrance.