ACTIVITY: Vehi	cle and Equipment Fueling	CP – 13
	FUELING AREA	
	Targeted Constituents	
• Significant I		• Low or Unknown Benefit
	Heavy Metals O Floatable Materials	• Oxygen Demanding Substances
• Nutrients • Tox	ic Materials 🕨 Oil & Grease 🛛 O Bacteria &	Viruses O Construction Wastes
	Implementation Requireme	
• High	• Medium	O Low
Capital Costs	O & M Costs     Image: Maintenance     O Suita	ability for Slopes >5%  Training
Approach	Use off-site fueling stations as much as po outdoors or in areas where fuel may spill/le pathways can pollute stormwater. If you f of equipment, consider using an off-site fu better equipped to handle fuel and spills pr can also be economical by eliminating the site.	eak onto paved surfaces or into drainage uel a large number of vehicles or pieces beling station. These businesses are coperly. Performing this work off-site
	<ul> <li>If fueling must occur on-site, use designate courses, to prevent the run-on of stormwate</li> </ul>	• •
	<ul> <li>Discourage "topping-off" of fuel tanks.</li> <li>Always use secondary containment, such a fueling to catch spills/leaks.</li> </ul>	as a drain pan or drop cloth, when
	<ul> <li>Place a stockpile of spill cleanup materials</li> </ul>	where it will be readily accessible.
	<ul> <li>Use adsorbent materials on small spills rat spill. Remove the adsorbent materials pro</li> </ul>	
	<ul> <li>Carry out all Federal and State requirement storage tanks with special attention given to</li> </ul>	
/olume 4:		

ACTIVITY: Vehicle and Equipment Fueling		CP – 13	
	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.		
	<ul> <li>Train employees and subcontractors in proper fuel</li> </ul>	employees and subcontractors in proper fueling and cleanup procedures.	
		uick reference on disposal alternatives for specific wastes, see the table red in the Employee/Subcontractor Training BMP fact sheet.	
	<ul> <li>Locate fueling areas on a paved surface where practice</li> </ul>	fueling areas on a paved surface where practical.	
	<ul> <li>Protect fueling areas with berms and/or dikes to pr contain spills.</li> </ul>	event run-on, runoff, and to	
	<ul> <li>Use vapor recovery nozzles to help control drips a required by Air Quality Management Districts.</li> </ul>	s well as air pollution where	
Requirements	<ul> <li>Costs (Capital, O&amp;M)</li> <li>All of the above measures are low cost, except for the capital costs of above ground tanks that meet all local environmental, zoning, and fire codes.</li> </ul>		
Maintenance	• Keep ample supplies of spill cleanup materials on-site.		
	<ul> <li>Inspect fueling areas and storage tanks on a regula</li> </ul>	r schedule.	
Limitations	<ul> <li>Sending vehicles/equipment off-site should be done in conjunction with a stabilized construction entrance.</li> </ul>		
Primary References	California Storm Water Best Management Practice Handbooks, Construction and Industrial Handbooks, CDM et.al. for the California SWQTF, 1993.		
	<i>Caltrans Storm Water Quality Handbooks</i> , CDM et.al. for the California Department of Transportation, 1997.		