## Student Copy Page - Best Management Practices (page 1 of 2)

Roads and Streets	<ul> <li>dispose of paints, solvents and petroleum products at approved disposal sites, not in storm drains or street gutters</li> <li>fix automobile oil and fuel leaks</li> <li>stop oil dumping on rural roads</li> <li>use nonchemical de-icers (sand and ash) on roads, sidewalks and driveways</li> <li>construct a sediment catch basin to collect storm water runoff</li> <li>reduce road construction runoff by building terraces and catch basins and by planting cover crops</li> </ul>
Agriculture	<ul> <li>read and follow all labels, and ask for application directions before using chemicals, fertilizers and pesticides</li> <li>use conservation tillage</li> <li>use contour farming</li> <li>use strip cropping</li> <li>leave filter strips and field borders along wetlands and streams</li> <li>use a cover crop to protect exposed soil</li> <li>rotate crops</li> <li>plant shelter belts and windbreaks</li> <li>institute pasture management</li> <li>terrace areas prone to erosion</li> <li>construct livestock waste collection and treatment ponds for confined livestock</li> <li>use grassed waterways</li> <li>seal abandoned wells and waste disposal wells</li> <li>fence waterways to reduce the impact of livestock on riparian zones</li> </ul>
Logging	<ul> <li>monitor water entering and leaving cut areas</li> <li>prevent sediments from reaching streams and lakes by building terraces, catch basins and natural filters</li> <li>leave a vegetative buffer zone in riparian areas</li> <li>maintain and restore effective watersheds</li> <li>implement a plan to reduce erosion from roads</li> </ul>

## Copy Page – Best Management Practices (page 2 of 2)

Mining         Image: Constraint of the second sec	<ul> <li>monitor all water entering and leaving mine sites</li> <li>intercept and reroute uncontaminated water away from contaminated areas</li> <li>construct catch basins and terraces and plant cover crops to catch sediment and prevent erosion</li> <li>catch and treat contaminated water</li> <li>stabilize stream channels</li> <li>stabilize mining waste areas to prevent release of materials into streams</li> <li>maintain buffer strips along streams</li> </ul>
Construction         Image: Construction	<ul> <li>implement a sediment control plan</li> <li>plant ground cover to reduce erosion</li> <li>dispose of solvent, paint and other wastes at approved disposal sites</li> <li>build temporary, small dikes to slow and catch runoff</li> <li>build sediment catch basins to collect construction runoff</li> <li>build earth berms and filter runoff before water enters stream</li> </ul>
Residential         Image: Constraint of the second secon	<ul> <li>use nonchemical de-icers (sand and ash) on residential driveways and sidewalks</li> <li>follow label instructions for pesticide and fertilizer use</li> <li>consider xeriscaping (landscaping that utilizes indigenous and drought-tolerant plants)</li> <li>use nonchemical fertilizers (compost) on gardens</li> <li>dispose of household hazardous waste at approved disposal sites</li> <li>maintain septic tanks if sewers are not available</li> </ul>