

## **AQUIFER PROTECTION AREA GUIDANCE INFORMATION**

### **CONSIDERATIONS FOR REQUIRING REGISTRANTS TO PREPARE MATERIALS MANAGEMENT PLANS**

When deemed necessary to protect the aquifer protection area well, the Agency may require, by written notice, any registrant to submit for review and approval a Materials Management Plan (MMP). The MMP should be prepared in accordance with the Best Management Practices (BMPs) section of the Aquifer Protection Area (APA) Regulations. The Materials Management Plan shall consider measures to prevent or mitigate water quality impacts to the groundwater aquifer through the proper use, storage and handling of hazardous materials.

The following should be considered when deciding if a plan is necessary:

1. The proximity of the proposed activity to public water supply wells;
2. The size and intensity of the regulated activities conducted on site;
3. The nature, toxicity, and quantities of hazardous materials;
4. The frequency, manner of use and transfer of hazardous materials;
5. The environmental compliance record of the property, general site maintenance and housekeeping conditions;
6. The arrangement, operation, design, and estimated effectiveness of any protection measures or structures meant to contain hazardous materials;
7. The nature of the property including its area, topography, and soil conditions, which could affect the infiltration of spilled materials;
8. Whether access to the property by public or private streets or driveways enables a prompt response to a spill or other emergency that could impact the groundwater quality; and
9. The amount and nature of wastewaters generated and whether public sewer disposal is provided.