



**FORM MI-1: MODELING INFORMATION (PLOT PLAN)**

**PLOT PLAN CHECKLIST**

A scaled plot plan of the entire plant is recommended. Submit a plot plan if air dispersion modeling is required by Form MD or requested by the DNR. Attach the plot plan, labeled as "MI-1", with your permit application. The plot plan must include the following (check the boxes for verification):

- Show a scale bar and a north arrow. The scale must be of sufficient size to allow drawings to be converted to electronic format. Must have a hashed line drawn on the map with a scale; simply stating "1 inch = 80 feet" is not acceptable because the scale changes when the document's size changes.
- Show full extent of property lines.
- Show fence lines or physical barriers, if any, precluding the public access.
- Show locations of all buildings within property lines; all buildings within 200 feet outside property lines if their estimated height or width is at least 40 feet; and locations of tiers on multi-level buildings.
- Indicate the peak height of all buildings, tiers and structures. A description of the buildings or structures is optional.
- Show locations of ALL emission points. Emission point symbols need not be to scale. All emission points must be marked with identification numbers (EP IDs). The numbers MUST be consistent with all forms in the application. The identification numbers and associated emission points must be legible (e.g. photocopied plot plans may blur small print).
- Show locations of all structures above ground level and within property lines. Structures above ground level such as a gasoline storage tank, grain storage silos, etc. must be shown. Structures at ground level, such as concrete pads, paved parking lots, etc. should not be on the plot plan. Open structures above ground level, such as power substations, need not be included.
- Highlight or mark the emission points that are the subject of this permit application so they are clearly distinguished on the plot plan.

**NOTE:**

- AutoCAD or equivalent computer-aid drawings on electronic media (CD, flash drive, etc.) or on paper are preferred.
- Sketches are acceptable if they are clearly drawn. If sketches cannot be made to scale, provide lengths of all sides of structures and their respective distances to all property lines.
- Aerial photographs are acceptable (i.e. Google Maps, Mapquest, etc.)

**SAMPLE PLOT PLAN**

