**Section 845.280 Abatement and Mitigation of Lead-Contaminated Soil**

a) Soil abatement, including removal of lead-contaminated soil, shall be conducted in accordance with methodologies incorporated in Section 845.15 and shall meet the following requirements:

1) All soil removal work shall be conducted by a Department-licensed lead abatement contractor employing licensed lead abatement workers who are supervised by a licensed lead abatement supervisor;

2) Worker protection shall be provided as required in Section 845.260. At a minimum, all lead abatement workers removing lead-contaminated soil shall be provided with a changing area equipped with a facility for washing or showering. Lead abatement workers shall be required to change into personal protective clothing before entering the work area, and to remove personal protective clothing and shower or wash before leaving the work area;

3) A Work Practice and Occupant Protection Program as required by Section 845.255 shall be developed;

4) Equipment decontamination procedures shall be employed to prevent the spread of lead dust and debris. Disposable items are not to be reused and shall be discarded as provided in Section 845.290. The equipment decontamination procedures shall be outlined in the Work Practices and Occupant Protection Program required by Section 845.255;

5) Prior to beginning soil removal, the source of the lead contamination shall be identified and eliminated if possible;

6) Removal of the lead-contaminated soil shall be accompanied by dust suppression methods to keep the generation of dust to a minimum;

7) Soil that is stockpiled prior to disposal shall be:

A) Placed on a layer of impermeable plastic;

B) Kept moist to avoid dust generation; and

C) Covered with impermeable plastic that is secured to the ground;

8) Removed lead-contaminated soil shall be transported to disposal areas in sealed containers or in a covered vehicle in accordance with disposal requirements incorporated in Section 845.290. Off-site vehicular or foot tracking of contaminated soil shall be avoided;

9) Any replacement soil shall be tested and confirmed to have a lead concentration less than 400 ppm. The testing shall be conducted by a licensed lead inspector or lead risk assessor, with analysis performed by a laboratory currently recognized by NLLAP.

b) Soil abatement, including the installation of a permanent cover, such as concrete or asphalt, over lead-contaminated soil shall be conducted in accordance with methodologies incorporated in Section 845.15 and shall meet the following requirements:

1) Soil abatement work, including the installation of a permanent cover, may be conducted by non-licensed persons, provided that the abatement activities do not involve removal of the existing lead-contaminated soil;

2) Dust suppression methods shall be employed;

3) Equipment decontamination procedures shall be employed to prevent the spread of lead dust and debris. Disposable items are not to be reused and shall be discarded as provided in Section 845.290;

4) Prior to beginning soil covering, the source of the lead contamination shall be identified and eliminated, if possible.

c) Soil mitigation, including the installation of a non-permanent cover, such as mulch, stone, gravel, soil, sod, etc., over lead-contaminated soil shall be conducted in accordance with documented methodologies incorporated in Section 845.15 and shall meet the following requirements:

1) Soil mitigation work, including the installation of a non-permanent cover, may be conducted by non-licensed persons, provided that the mitigation activities do not include the removal of the existing lead-contaminated soil;

2) Dust suppression methods shall be employed;

3) Equipment decontamination procedures shall be employed to prevent the spread of lead dust and debris. Disposable items are not to be reused and shall be discarded as provided in Section 845.290;

4) Prior to beginning soil mitigation, the source of the lead contamination shall be identified and eliminated if possible;

5) The non-permanent cover material shall be tested and confirmed to have a lead concentration less than 400 ppm. The testing shall be conducted by a licensed lead inspector or lead risk assessor, with analysis conducted by a laboratory currently recognized by NLLAP; and

6) Installation of non-permanent covering shall be applied to a minimum depth of 2 inches over the lead-contaminated soil.

(Source: Amended at 43 Ill. Reg. 2440, effective February 8, 2019)