

Carnegie-Stout Public Library 360 West 11th Street Dubuque, Iowa 52001-4697 (563) 589-4225 office (563) 589-4217 www.dubuque.lib.ia.us





Carnegie-Stout Public Library Integrated Pest Control Management Plan

July 28, 2011

Section 1: Scope

This Integrated Pest Management (IPM) plan provides guidelines for protecting and enhancing the natural diversity of the Carnegie-Stout Public Library located at 360 W. 11 Street in Dubuque, Iowa. The IPM plan covers the entire building and grounds.

Section 2: Goals

Integrated Pest Management (IPM) is a proactive program, utilizing techniques that minimize or even eliminate the use of chemicals, that is designed to determine whether there is a pest problem that needs to be addressed or whether there are buildings maintenance or operation issues that need to be improved to reduce the likelihood of an infestation in the future.¹

IPM is preferred to chemical spraying for several reasons. First and foremost, researchers are discovering that a wide variety of chemicals found in pesticides can have a disruptive effect on a person's neurological, respiratory, immune, and endocrine systems, even at relatively low dosages. Decreased use of chemical application will reduce risks to the health of staff members and library visitors.²

This plan will discuss best practices for indoor and outdoor integrated pest management.

Section 3: Responsible Parties

The Maintenance Supervisor, of the Carnegie-Stout Public Library with support of the Library Director, Maintenance Worker, and Administrative Assistant, is responsible for developing and managing the IPM plan. Library Administration will provide support to assist the Maintenance Supervisor who is also the IPM Coordinator in maintaining an IPM program that relies on minimal pesticide use. Such support will include efforts to promptly address any structural,

¹ University Library, University of Illinois at Urbana Champaign. http://www.library.illinois.edu/prescons/services/ipm/index.html 2 Ibid

horticultural, or sanitation changes recommended by the Coordinator to reduce or prevent pest problems.³ Furthermore, the Administration of Carnegie-Stout Public Library will assist the Maintenance Supervisor in developing and delivering materials and programs for staff, and the public to educate them about the importance of good sanitation and pest control.⁴

Contracts with any pest management vendors shall include extensive language describing their role in the building's Plan. Contractors involved with various elements of the Plan shall carry out their tasks according to their contracts, and report all relevant activities to the aforementioned parties. On occasion, several contractors may be engaged simultaneously in various elements of the Plan at the building and grounds. To ensure an effective and coordinated effort, the building staff responsible for overseeing the Plan shall review all proposed activities before implementation.

The Library has not had issues with insects or rodents in the past, thus; there is no precedent for using pesticides on Library property and to date the services of a contractor have not been required. No pesticides or pest control chemicals are stored in the Library.

Section 4: IPM Strategies and Practices

To date proactive procedures have been effective. These procedures include:

- Twice daily inspection for exterior trash, which when found is immediately cleared to prevent a source of food or fermentation that attracts pests.
- Outdoor evening lighting utilizes a sodium vapor bulb which is has a yellow color and detracts pests from gathering around the facility and one of these bulbs is also located in a non-public area behind the building where trash is stored.
- Trash is collected from office space in the library once a day.
- Trash is collected from public areas and outdoors twice a day.
- The City of Dubuque collects trash twice weekly and pick up is available more frequently if needed.
- The library has a food and beverage policy. Beverages are limited to those in covered containers. Food is limited for the public to a small area with café-style seating and hardwood floors. Food is limited for staff to a Staff Lounge that includes a trash receptacle, recycling receptacle, and a food scrap bin. The Staff Lounge is checked twice daily, and unless otherwise necessary, is cleaned once daily.
- Inspection of the building is conducted once weekly to identify areas of vulnerability that might attract pests such as the exterior structure to identify holes or cracks and to evaluate growth of plants and trees near the building. Doors and windows are examined for tight seals. Identifying areas of potential entrance to the facility can prevent a pest infestation. These regular inspections include specifically looking for pests.

³ Ibid

⁴ Ibid

If a pest was seen inside the facility a glue board that is non-toxic would be placed in strategic areas to capture and identify the pest. As a last resort, if it is determined that a pesticide must be used in order to meet pest management objectives, the least-hazardous, least-toxic material, adequate for the job, will be chosen and done so at the targeted area – as and where needed, not facility wide. Least toxic pesticides, as defined by the City of San Francisco's Reduced-Risk Pesticide List. http://www.up3project.org/documents/2007rpplbyaicomplete.pdf All pesticide storage, transportation, and application will be conducted in accordance with the requirement of the Federal Insecticide, Fungicide, and Rodenticide Act (7 United States Code136 et seq.), Environmental Protection Agency regulations in 40 CFR, Occupational Safety and Health Administration regulations, Carnegie-Stout Public Library policies and procedures, and local ordinances. Least toxic pesticides, as defined by the City of San Francisco's Reduced-Risk Pesticide List. http://www.up3project.org/documents/2007rpplbyaicomplete.pdf The Carnegie-Stout Public Library would follow recommendations offered by the U.S. Green Building Council as written in *LEED for Existing Buildings v. 2.0 Reference Guide*

Section 5: Universal Notification

Regardless of the vendor and strategy used, the library will provide ample notification if pesticides are needed. Employees will be notified by e-mail and posted signs at least 72 hours before a pesticide application. Patrons would receive notice via posted signs in the entrances. In the case of an emergency application the same notification methods above would be used at least 24 hours before the application.

Notification would include:

- Pesticide product name
- Active ingredient
- Product label signal word (e.g., "caution" "danger")
- Time and location of application
- Contact information for persons seeking more information

In the event that a pesticide would have to be used detailed records will be kept to demonstrate ongoing compliance with the IPM plan and all applications will be logged including the following information:

Universal Notification to Occupants

- o Date
- o Time
- o Method
- Pesticide Application Date and Time
- Application Manager
- Location
- Target Pest
- Pesticide Trade Name
- Pesticide Active Ingredient
- EPA Registration Number

⁵ Integrated Pest Control Management Institute. www.ipminstitute.org/

In the event of an emergency, such as an overnight infestation of cockroaches, or rats, pesticides may be applied on the grounds without complying with the earlier stipulations for use of integrated and least-toxic methods. An emergency would be described as an infestation which is very sudden. Other signs of pests would be dealt with through consultation with a pest control management vendor who utilizes least-toxic methods to control the problem.

Paula Comm

Paula Connors, President, Library Board of Trustees