

## 2 INTRODUCTION

This document constitutes an Illinois Environmental Protection Agency (IEPA) Development Permit Application for the proposed Peoria City/County (PCC) Household Chemical Materials (HCM) Facility. The proposed HCM Facility is being permitted as a transfer station in accordance with the applicable requirements of 35 Illinois Administrative Code Part 807. Local siting approval for the HCM Facility was granted by the Peoria County Board on March 9, 2012. A copy of the certification of siting approval is provided within Section 1 of this application. The proposed facility will be jointly owned by the City and County of Peoria and will be operated by Peoria City/County Landfill, Inc.

The PCC HCM Facility will accept, treat, temporarily store, bulk, consolidate, and transfer IEPA approved household wastes which are banned from landfill disposal (such as electronic wastes) or are otherwise desired to be diverted from landfills (such as household hazardous waste). In addition, the HCM Facility will include a Materials Exchange Store where residents can take reusable materials that are collected at the Facility for their own use at no cost. Materials that are collected at the PCC HCM Facility will be properly managed to ensure the protection of human health and the environment.

The proposed PCC HCM Facility will have an approximate 11.3 acre facility boundary which will be located within the Peoria City/County Landfill No. 3 facility boundary. The PCC HCM operations building will be located within the proposed Citizens' Convenience Center, which will serve as a recycling and waste drop-off area. It is noted that the proposed Citizens' Convenience Center design is described within the Peoria City/County Landfill No. 3 Development Permit Application that is currently being reviewed by the IEPA under Log No. 2013-026. Peoria City/County Landfill No. 3 has the same owner and operator as listed in the HCM Facility's LPC-PA1 Form provided in Section 1.

The PCC HCM Facility is located in an area of low residential density, with 87% of the surrounding land use consisting of partially reclaimed strip mines, forest, open space or agriculture. Extensive buffer areas and landscaping will be used in addition to buffering provided by natural topographic relief on the landfill property in order to further isolate HCM waste collection and transfer operations from the surrounding area. The proposed facility meets the applicable setback requirements and other location restrictions contained in state and federal regulations.

This report has been prepared to address all of the requirements for an IEPA Development Permit and is divided into the following sections:

- Section 1 Permit Application Forms
- Section 2 Introduction
- Section 3 Site Suitability
- Section 4 Design
- Section 5 Operation
- Section 6 Closure Plan
- Section 7 Conclusion

Additional and supporting information is provided in Appendices A through F.

