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## Renewal of Solid Waste Facility Permit – Stericycle Woodbridge

### Introduction

Stericycle, Inc. (Stericycle) is a business-to-business services company and leading provider of compliance-based solutions that help protect people and brands, promote health and well-being and safeguard the environment. Stericycle is a leader in medical waste management and other waste solutions, serving healthcare organizations and commercial businesses of every size in the U.S. and in 16 other countries.

### The Existing Facility

Stericycle operates a medical waste treatment and transfer facility in the Woodbridge Township of Keasbey, New Jersey (the Facility) in an industrial zone. The Facility is 51,000 square feet and is permitted to accept up to 150 tons of medical waste per day. The Facility treats regulated medical waste (such as soiled bandages) collected from medical service providers and hospitals in New Jersey, Pennsylvania, and New York. The Facility includes three autoclaves, which are used to treat waste via steam at high temperature and pressure to kill any pathogens and render the material non-infectious prior to end disposal. The Facility is authorized to operate 24 hours per day, 7 days per week, and employs approximately 30 individuals from the immediate and surrounding communities. At full operation, approximately 46 vehicles deliver waste to the Facility each day. Access to the Facility is via Crows Mill Road.

The Facility maintains the following permits and authorizations:

- A Solid Waste Facility Permit issued by the New Jersey Department of Environmental Protection (NJDEP): This permit authorizes solid waste facility operations for medical waste collection and treatment. This permit was issued following NJDEP review of an *Environmental and Health Impact Statement* prepared prior to Facility construction.
- The landowner (Bayshore Recycling Corp) where the Facility is located holds a National Pollutant Discharge Elimination System (NPDES) permit. All of Stericycle's industrial materials are stored and all industrial activities are performed inside of a Facility building or structure that is roofed and walled, and the Facility takes steps to prevent exposure of industrial materials and activities to rain, snow, snowmelt and runoff. Stormwater from the Facility flows into Bayshore's stormwater management system. There is no direct discharge to surface or ground water from Facility operations.
- An Air Pollution Control Permit issued by the NJDEP for the operation of the three autoclaves: Additional emissions sources at the Facility include two natural gas-fired boilers and one gas-fired container washer; neither have a potential to emit at a level that would require a permit.
- A Non-Domestic Wastewater Discharge Permit issued by the Middlesex County Utilities Authority: This permit authorizes discharges to the sanitary sewer. The discharges are limited to an average flow of 34,000 gallons per day or a maximum flow of 41,000 gallons per day. The Facility has one discharge point, which is subject to periodic monitoring requirements against the following discharge limits: 150 mg/l daily maximum (or 100 mg/l monthly average maximum) of petroleum hydrocarbons; 2.13 mg/l daily maximum of total toxic organics; and 5.0 mg/l daily maximum (or 10.0 mg/l monthly maximum average) pH.

### The Proposed Project

The renewal application requests a modification for building expansion and additional equipment for The Facility's existing Permit No. RMF130001, which was issued on September 13, 2016. Upon approval of the application, the permit will be renewed for an additional five years.