

2.2.2 Criteria for Completion of Remediation/Termination of Remedial Systems

The ECs will be terminated upon a determination by NYSDEC and New York State Department of Health (NYSDOH) that the remedial objectives for soil vapor have been met (i.e., there have been three (3) consecutive quarters of soil vapor sampling result in a “no further action or monitor” scenario based on the matrices set forth in the “Guidance for Evaluating Vapor Intrusion in the State of New York” NYSDOH Guidance).

2.2.2.1 Soil Vapor Extraction (SVE) System (Retail D)

SVE system operation will not be discontinued unless prior written approval is granted by the NYSDEC. In the event that monitoring data indicates that the SVE system is no longer required, a proposal to permanently discontinue the system will be submitted by the property owner to the NYSDEC. Conditions that warrant permanently discontinuing the SVE system include: (1) three quarters of vapor intrusion monitoring as follows:

| Quarter | System Status | Sample Result |
|----------------|--|----------------------|
| Quarter 1 | 2 mos. operation, shut down 1 mo. prior to sampling | NFA or Monitor |
| | | |
| Quarter 3 | Shut down | NFA or Monitor |
| Quarter 4 | Shut down | NFA or Monitor |

(2) monitoring data have become asymptotic to a low level over an extended period of time as accepted by the NYSDEC, or (3) the NYSDEC has determined that the SVE system has reached the limit of its effectiveness.

The system will remain in place and operational until permission to discontinue use is granted in writing by the NYSDEC.

2.2.2.2 Sub-slab Depressurization System (SSDS) (Retail F)

Active SSDS operation will not be discontinued unless prior written approval is granted by the NYSDEC. In the event that monitoring data indicates that the active SSDS is no longer required, a proposal to permanently discontinue the SSDS will be submitted by the property owner to the NYSDEC and the NYSDOH. Conditions that warrant permanently discontinuing the SSDS include: (1) three quarters of vapor intrusion monitoring as follows:

| Quarter | System Status | Sample Result |
|----------------|--|----------------------|
| Quarter 1 | 2 mos. operation, shut down 1 mo. prior to sampling | NFA or Monitor |
| | | |
| Quarter 3 | Shut down | NFA or Monitor |
| Quarter 4 | Shut down | NFA or Monitor |

(2) monitoring data have become asymptotic to a low level over an extended period of time as accepted by the NYSDEC, or (3) the NYSDEC has determined that the SSDS has reached the limit of its effectiveness.

The system will remain in place and operational until permission to discontinue use is granted in writing by the NYSDEC.