

## **SECTION 2.1**

### **LOCATION**

## 2.1

## LOCATION

### Introduction

The proposed Facility is located so as to protect the public health, safety and welfare. This section of the application provides a brief summary of the character of the surrounding area and demonstrates that all applicable location standards have been met or exceeded. Key findings include the following:

- The proposed Facility meets all federal, state, and local location criteria specified the applicable Illinois landfill regulations.
- The Facility has conducted landfill operations since 1976. An expansion of the existing landfill is consistent with historic uses.

### Project Location

The Veolia E.S. Zion Landfill and proposed Site 2 East Expansion area are located in Lake County, Illinois, within the City of Zion, Illinois. The subject property is situated within Section 7, Township 46 North, Range 12 East of the Third Principal Meridian. The Facility is generally bounded to the east by Kenosha Road, to the west by Green Bay Road, to the south by 9<sup>th</sup> Street and to the north by a tree nursery and golf course. The existing site and proposed expansion are shown on Figure 2.1-1.

The general land uses around the Facility are residential, commercial, recreational, agricultural, and industrial. The Facility is bounded by the North Shore Sanitary District landfill and a metal scrap yard to the west, a tree nursery and golf course to the north, and residences and agricultural lands to the east and south. A parcel of land owned by the City of Zion Park District is adjacent to the southeast portion of the Facility. Existing land uses surrounding the proposed Facility are further discussed in Section 3.1 of this application.

A site location map showing a one-mile radius around the Facility containing the private well location information is provided on Drawing No. G2. A topographic map of the proposed Facility is shown on Drawing No. D3.

### Site History

The Zion Landfill was initially permitted in 1976 and owned by BFI Waste Systems of North America, Inc. BFI operated the site until July 30, 1999 when Allied Waste Industries, Inc. acquired Browning-Ferris Industries, Inc., which was the parent company of BFI Waste Systems of North America, Inc. On March 31, 2000, Allied sold the site to Superior Zion Landfill, Inc. On the same day, Superior Zion Landfill, Inc. changed its name to Onyx Zion Landfill, Inc. On July 1, 2006, Onyx Zion Landfill, Inc. changed its name to Veolia E.S. Zion Landfill, Inc. The Veolia E.S. Zion Landfill, Inc. Facility consists of a number of older units that have ceased acceptance of waste and are closed, as well as the currently active unit.

The portion of the Facility referred to herein as the Veolia E.S. Zion Landfill consists of two areas individually referred to as Old Site 2 and the Site 2 Expansion. Old Site 2 is a non-hazardous solid waste unit that was regulated under 35 IAC, Part 807. Old Site 2 commenced landfilling operations on December 23, 1981, pursuant to IEPA permit No. 1980-24-DE. In 1993, a final cover system was constructed over the site. Siting approval for the Site 2 Expansion (initially identified as Site 3 at that time) was granted by the Zion City Council on April 17, 1995 which approved a new landfill unit east of Old Site 2 including a "piggyback"



onto the eastern portion of Old Site 2. The Site 2 Expansion was originally permitted under 35 IAC, Part 812, Subparts A and C, and is now regulated under Subtitle D landfill regulations. Collectively, Old Site 2 and the Site 2 Expansion are referred to as the Veolia E.S. Zion Landfill.

### **Proposed Facility Overview**

The proposed Site 2 East Expansion is a horizontal and vertical expansion of the existing Site 2 Expansion. The horizontal expansion will expand the footprint of the existing Site 2 Expansion approximately 26.5 acres to the east, as shown on Figure 2.1-1. All of the proposed Site 2 East Expansion development will overlie Subtitle D liner systems (i.e. the vertical expansion does not overlie or extend over Old Site 2). The total acreage of the proposed Facility is 318.5 acres. Drawing No. D3 shows an overview of the Facility, including the existing and proposed solid waste sites.

### **Legal Description**

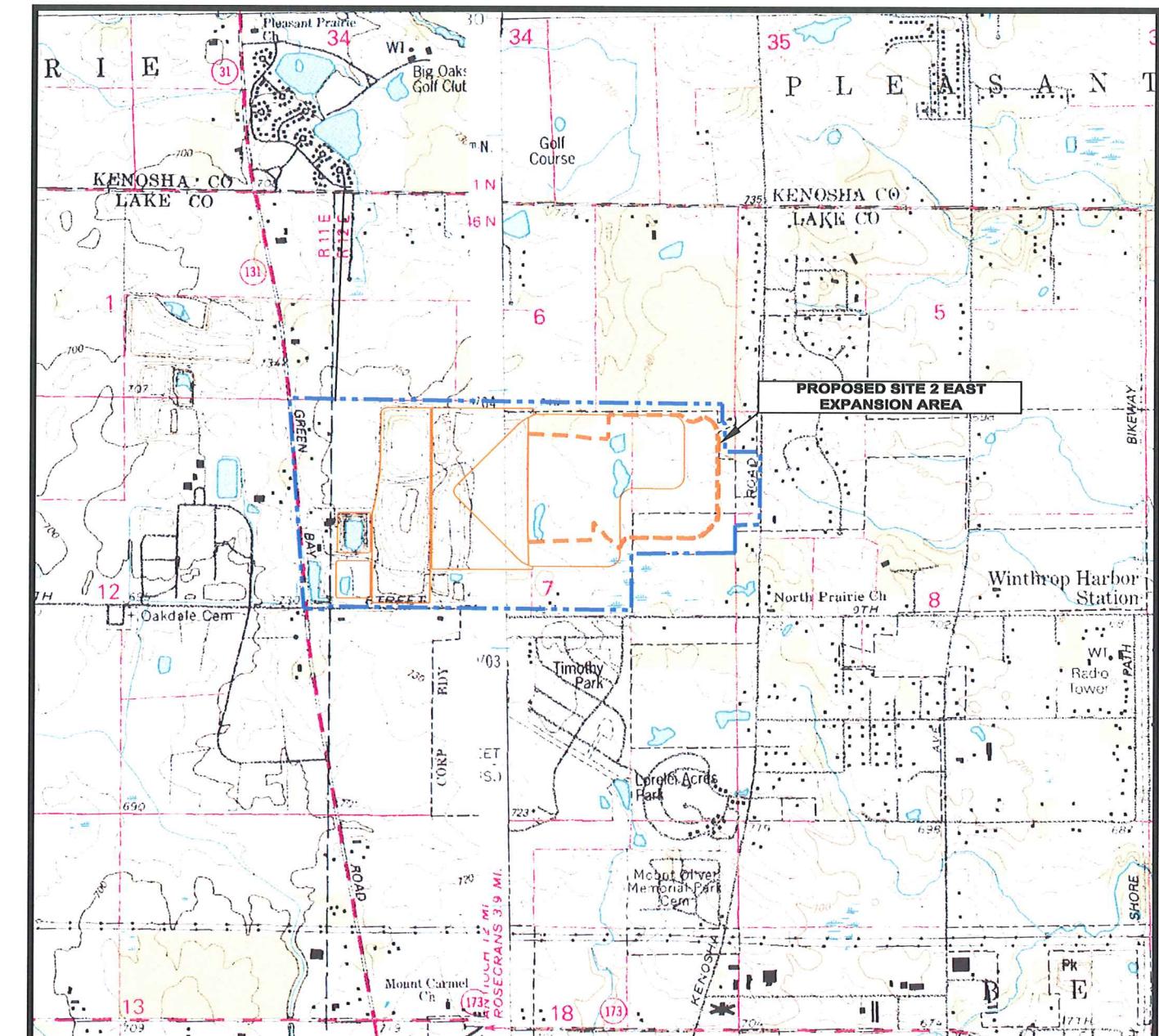
A legal description and plat of survey prepared by an Illinois Registered Land Surveyor for the Property boundary, proposed Facility boundary, and expanded Site 2 waste boundary are provided in Appendix D.

### **Site Location Standards**

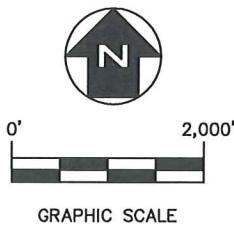
Illinois landfill regulations contain location standards that restrict where landfills may be developed (35 IAC, Sections 811.102 and 811.302). Federal regulations and statutes also contain location requirements. The collective purpose of each of these location standards and requirements is to protect public health, safety and welfare, the environment, and the structural integrity of the engineered landfill. For example, some standards specify a minimum setback distance between landfills and other land uses such as airports or schools. Other standards specify minimum setback distances from environmentally sensitive areas such as wetlands, rivers and streams, and scenic and natural areas. Still other standards specify minimum distances from conditions that could affect the structural integrity of the landfill, such as seismic zones.

The proposed Facility with the Site 2 East Expansion will comply with all applicable federal, state and local site location standards. Drawing Nos. D2 and D3 show the location of the proposed Facility and demonstrates that the Facility, including the Site 2 East Expansion area, falls outside the applicable setback distances. Table 2.1-1 summarizes the location requirements and demonstrates that the Facility complies with all requirements. In fact, the Facility will exceed the requirements for 11 of the 14 federal, state, and local location criteria contained in the Illinois landfill regulations while meeting the remaining three. Documentation supporting the conclusions presented in this section are included in Appendix F.





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### LEGEND

- PROPOSED FACILITY BOUNDARY
- PROPOSED WASTE EXPANSION AREA
- EXISTING WASTE UNITS

### NOTES

1. FIGURE ADAPTED FROM U.S.G.S. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE MAPS, WADSWORTH, ILLINOIS (1993), AND ZION, IL (1993).

### **VEOLIA E.S. ZION LANDFILL - SITE 2 EAST CITY OF ZION, ILLINOIS**

#### **2.1-1 PROPOSED FACILITY LOCATION**

**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>	
<b>A. Airport Standards</b>		
<p>There are no public or private use air operations areas used by turbojet aircraft located within 10,000 feet of the proposed Facility, including the Site 2 East Expansion area. The nearest airport listed on the Illinois Department of Transportation Airport Inventory Report 2006 is the Waukegan Regional Airport and is approximately 3.5 miles south of the Site 2 East Expansion.</p> <p>The Maas Landing Strip, a privately owned landing strip, is located over 5,000 feet from the Facility boundary to the southwest. The Maas Landing Strip is used only by piston aircraft.</p> <p>The Wendell H. Ford Act, 39 USC 44718(d)(2), specifically permits the expansion of any landfill that was established before April 5, 2000. The existing Site 2 Expansion was permitted in March, 1997 by the IEPA.</p> <p>Furthermore, the Waukegan Regional Airport does not primarily accept scheduled flights of aircraft designed for 60 passengers or less. Notification of the proposed expansion will be provided to the FAA and the Waukegan Regional Airport at the time of submitting an IEPA permit application for the expansion, if siting is approved.</p> <p>Reference:</p> <ol style="list-style-type: none"> <li>1. Illinois Department of Transportation, "Airport Inventory Report 2006" (Refer to App. F).</li> </ol>	<p>Title 35 Section 814.302 (c)</p> <ul style="list-style-type: none"> <li>• The facility shall not be located within 10,000 feet of any runway used by turbojet aircraft unless demonstration is placed in the operating record that the landfill unit is designed and operated so as not to pose a bird hazard to aircraft.</li> <li>• The facility shall not be located within 5,000 feet from any runway used by piston aircraft unless demonstration is placed in the operating record that the landfill unit is designed and operated so as not to pose a bird hazard to aircraft.</li> <li>• The owner or operator proposing to locate a lateral expansion within a five mile radius of a public use airport runway must notify the airport and the FAA when a permit is being filed with the IEPA.</li> </ul> <p>49 U.S.C. § 44718 (d) as amended by Section 503 of the Wendell H. Ford Aviation Investment and Reform Act for the 21<sup>st</sup> Century. FAA Advisory Circular No. 150/5200-34 dated August 26, 2000 prohibits the establishment of a new landfill within 6 miles of a public airport served by general aviation and regularly scheduled flights of aircraft designed for 60 passengers or less unless exempted by the state aviation agency and Federal Aviation Administration.</p>	
<u>Complies and Exceeds</u> <u>X</u>	<u>Complies</u>	<u>Does Not Comply</u>

**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>	
B. Floodplain		
<p>The Facility, including the proposed Site 2 East Expansion area, is located outside of the FEMA 100-year floodplain as determined by the Flood Insurance Rate (FIRM) Maps.</p> <p>The Facility, including the proposed Site 2 East Expansion area, is located outside the 3-dimensional boundary of the FEMA 100-year floodplain. Furthermore, the Site 2 East Expansion will not restrict the flow of a 100-year flood from off-site areas, reduce the temporary water storage capacity, or result in washout of solid waste. The site stormwater management plan has also been designed to control surface water flow on and around the Facility and to minimize flooding.</p> <p>References:</p> <p>Flood Insurance Rate Maps: County of Lake, Illinois (Unincorporated Areas), Map Number 17097C0057 G, revised Sept. 7, 2000 and Map Number 17097C0076 F, effective Sept. 3, 1997 (Refer to Appendix F).</p> <p>Stormwater Management Plan, Section 2.4 of this application</p> <p>Floodplain Assessment, Section 4.</p>	<p>Title 35 Section 811.102 (b)</p> <ul style="list-style-type: none"> <li>• The facility shall not 1) restrict the flow of a 100-year flood, 2) reduce the temporary water storage capacity of the 100-year floodplain, or 3) result in washout of solid waste from the 100-year flood.</li> </ul> <p>Section 39.2 (a) (iv) of the Act</p> <ul style="list-style-type: none"> <li>• The facility (landfill or waste disposal site) is located outside the boundary of the 100-year floodplain or if the Facility described in subsection (b) of Section 22.19 (a), the site is flood-proofed.</li> </ul>	
<u>Complies and Exceeds</u> X	<u>Complies</u>	<u>Does Not Comply</u>

**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>	
C. Wetlands/Waters of the U.S.		
<p>In accordance with Section 404 of the Clean Water Act and the Lake County Watershed Development Ordinance, a wetland determination and delineation study was conducted by Natural Resources Consulting, Inc. (NRC) for the Facility, including the proposed Site 2 East Expansion area. The findings of this study conclude that there is one wetland area within the proposed Site 2 East Expansion area that meets the Lake County Stormwater Management Commission (SMC) requirements of an Isolated Waters of Lake County. It is noted that the original survey area listed in the Wetland Delineation Report, which extended beyond the proposed Facility Boundary, described a second wetland. This subject area was later re-defined such that only one wetland is within the Proposed Facility Boundary. Isolated Waters of Lake County include all waters within the County, including wetlands, that do not fall under the jurisdiction of the U.S. Army Corps of Engineers.</p> <p>Veolia E.S. Zion Landfill, Inc. will purchase wetland mitigation bank credits to offset the filling of any isolated wetland. This wetland bank fee will be paid to the SMC upon receiving siting approval from the City of Zion and prior to development in this area.</p>	<p>Title 35 Section 811.102(e)</p> <ul style="list-style-type: none"> <li>• The facility shall not cause a violation of Section 404 of the Clean Water Act.</li> </ul> <p>Reference:</p> <p>Wetland Delineation Report, Veolia Zion Landfill and Adjacent Areas, by NRC, Inc. (Refer to Appendix F)</p> <p>SMC Watershed Development Ordinance, effective November 18, 2008.</p> <p>SMC Jurisdictional Determination Letter, dated February 20, 2007 (Refer to Appendix F).</p>	
<u>Complies and Exceeds</u>	<u>Complies</u> X	<u>Does Not Comply</u>



**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>	
<b>D. Fault Areas</b>		
<p><b>Fault Areas:</b>            There are no known faults that have displaced during the Holocene Epoch within 200 feet of the Facility, including the proposed Site 2 East Expansion area.</p> <p><b>References:</b></p> <p>Nelson, W. John, Structural Features in Illinois, Illinois State Geological Survey, Bulletin 100, 1995.</p> <p>Hydrogeologic Report, Section 2.2 of this application.</p>	<p>Title 35 Sections 811.304 and 811.305</p> <ul style="list-style-type: none"> <li>• The facility shall not be located within 200 feet of faults that have displaced during the Holocene Epoch (10,000 years), without the approval of the State.</li> </ul>	
<u>Complies and Exceeds</u> <input checked="" type="checkbox"/> X	<u>Complies</u>	<u>Does Not Comply</u>



**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>	
<b>E. Unstable Areas</b>		
<p><b><u>Unstable Areas:</u></b> There are no documented unstable areas located beneath the Facility. There are no reported karst areas within the proposed Facility boundary.</p> <p>Based on an ISGS coal mine map for Lake County, there are no recorded coal mines within the vicinity of the Facility, including the proposed landfill expansion area.</p> <p>Site specific studies have not identified site characteristics conducive to the formation of karst features nor the presence of coal mining.</p> <p><b>References:</b></p> <p>Hydrogeologic Report, Section 2.2 of this application.</p> <p>Design Report, Section 2.3 of this application.</p>	<p>Title 35 Sections 811.304 and 811.305</p> <ul style="list-style-type: none"> <li>• The Facility shall not be located in an unstable area unless engineering measures have been incorporated to ensure the integrity of the structural components.</li> </ul>	
<u>Complies and Exceeds</u>  <input checked="" type="checkbox"/> X	<u>Complies</u>	<u>Does Not Comply</u>



**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>	
<b>F. Seismic Impact Zones</b>		
<p>As part of the design of the Site 2 East Expansion, all containment structures have been designed to withstand the maximum horizontal acceleration anticipated at the Facility. The expansion has been designed to achieve a safety factor greater than 1.3 against slope failure under seismic conditions.</p> <p>References:</p> <p>Earthquake Hazards Program - National Seismic Hazard Mapping Project, United States Geological Survey. (Refer to Appendix F).</p> <p>Hydrogeologic Report, Section 2.2 of this application.</p> <p>Design Report, Section 2.3 of this application.</p>	<p>Title 35 Section 811.304</p> <ul style="list-style-type: none"> <li>• The facility shall not be located within a seismic impact zone (10% or greater chance of exceeding 0.10g in 250 years) unless all containment structures are designed to restrict the maximum horizontal acceleration for the site.</li> </ul>	
<u>Complies and Exceeds</u> X	<u>Complies</u>	<u>Does Not Comply</u>



**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>	
<b>G. Wild and Scenic Rivers</b>		
<p>There are no rivers designated for protection under the National Wild and Scenic Rivers Act within the proposed Facility watershed.</p> <p>The only river in Illinois classified as wild and/or scenic on the National System List is the Middle Fork of the Vermillion River (Refer to #114 in below referenced table), which is not located in Lake County.</p> <p>Reference:</p> <p>River Mileage Classification for Components of the National Wild and Scenic Rivers System, June 2008  <a href="http://www.rivers.gov/publications/rivers-table.pdf">http://www.rivers.gov/publications/rivers-table.pdf</a></p>	<p>Title 35 Section 811.102(a)</p> <p>The facility shall meet all requirements under the Wild and Scenic River Act.</p>	
<u>Complies and Exceeds</u> <input checked="" type="checkbox"/> X	<u>Complies</u>	<u>Does Not Comply</u>



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**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>		
H. Historic and Natural Areas			
<p>A Phase I Archaeological Survey was performed by Allied Archaeology for the Site 2 East Expansion. A previous Phase I Archaeological Survey was also completed in 1994 by the Public Service Archaeology Program. This Phase I study was conducted as part of the 1995 Expansion application. The two Phase I archaeological surveys include the entire proposed facility boundary. Neither survey found evidence of materials that meet the requirements of Section 4 of the Illinois State Agency Historic Resources Preservation Act.</p> <p>In correspondence dated September 9, 2007, the Illinois Historic Preservation Agency agreed with the findings of the most recent Phase I Archeological Survey and determined that there are no significant historical, architectural, or archeological resources or sites located within the expansion project area. Similar correspondence was also provided by the Illinois Historic Preservation Agency on December 8, 1994, stating that there were no significant historical, architectural or archeological resources within the 1994 investigation area.</p> <p>No national landmarks will be impacted as part of this expansion. Only three national natural landmarks exist in Lake County, including: Volo Bog Nature Preserve, Wauconda Bog Nature Preserve, and Illinois Beach Natural Preserve. None of these sites are within the proposed Facility Boundary.</p>			<p>Title 35 Section 811.102(c)</p> <ul style="list-style-type: none"> <li>• The facility shall not pose a threat of harm or destruction to features for which a: 1) Historic Site, 2) Archaeological Site, 3) Natural Landmark, or 4) Natural Area was designated.</li> </ul> <p>References:</p> <p>Illinois Nature Preserves Commission correspondence. (Refer to Appendix F).</p> <p>Phase I Archaeological Survey performed by Allied Archaeology. (Refer to Appendix F)</p> <p>Phase I Archaeological Survey performed by the Public Service Archaeology Program (Refer to Appendix F)</p> <p>Illinois Historic Preservation Agency correspondence. (Refer to Appendix F).</p> <p>National Park Service website, June, 5, 2009:  <a href="http://www.nature.nps.gov/nnl/registry/usa_map/states/illinois/illinois.cfm">http://www.nature.nps.gov/nnl/registry/usa_map/states/illinois/illinois.cfm</a>.</p>
<u>Complies and Exceeds</u> <u>X</u>	<u>Complies</u>	<u>Does Not Comply</u>	



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**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>
<b>I. Endangered Species</b>	
<p>The development and operations of the proposed Facility, including the Site 2 East Expansion area, will not impact any potentially endangered or threatened species.</p> <p>References: IDNR correspondence. (Refer to Appendix F).</p>	<p>Title 35 Section 811.102(d)</p> <ul style="list-style-type: none"> <li>• The facility shall not jeopardize or take any endangered species, result in the destruction of critical habitat for such species, or contribute to the taking of endangered or threatened species.</li> </ul>
<u>Complies and Exceeds</u>  <input checked="" type="checkbox"/> X	<u>Complies</u>  <u>Does Not Comply</u>



**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>	
<b>J. Water Quality Management Plan</b>		
<p>The extensive stormwater management features constructed during landfill development will reduce the potential for downstream flooding and improve the runoff rate against existing conditions.</p> <p>The stormwater management plan for the Facility, including the proposed Site 2 East expansion, has been developed in keeping with the Lake County Watershed Development Ordinance, dated January 10, 2006. Veolia will secure a Watershed Development Permit from the Lake County Stormwater Management Commission prior to construction. The Lake County Watershed Development Ordinance meets or exceeds the requirements of the Illinois Water Water Quality Management Plan.</p> <p>Reference:</p> <p>Stormwater Management Plan, Section 2.4 of this application.</p>	<p>Title 35 Section 811.102(f)</p> <ul style="list-style-type: none"> <li>• The facility shall not cause a violation of any area-wide or state-wide water quality management plan for non-point source pollution.</li> </ul>	
<u>Complies and Exceeds</u> <input checked="" type="checkbox"/> X	<u>Complies</u>	<u>Does Not Comply</u>



**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>	
<b>K. Water Supply Wells Setback</b>		
<p>No known off-site water supply wells are located within 200 feet of the waste boundary nor are there any community water supply wells located within 2,500 feet of the waste boundary as per the setback zones defined in the Illinois Environmental Protection Act.</p> <p>The locations of all the known and recorded wells in the surrounding area of the site are shown on Drawing No. G2 and discussed in the hydrogeological report.</p> <p><b>References:</b></p> <p>Illinois State Geological Survey and Illinois State Water Survey Well Logs. (Refer to Appendix G).</p> <p>Hydrogeologic Investigation, Section 2.2 of this application.</p>		<p>Title 35 Section 814.302 (a)</p> <ul style="list-style-type: none"> <li>• No part of a new unit shall be located within the setbacks established in Sections 14.2 and 14.3 of the Act, i.e., within 200 feet of a potable water supply well. A maximum setback zone may be established for a community water supply well in accordance with Section 14.2 of the Act.</li> </ul>
<u>Complies and Exceeds</u>	<u>Complies</u> X	<u>Does Not Comply</u>



**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>	
<b>L. Sole-Source Aquifers/Regulated Recharge Area</b>		
<p>A sole source aquifer or regulated recharge area is not located within the proposed Facility, including the Site 2 East Expansion area. The only regulated recharge area located within the State of Illinois is the Pleasant Valley Public Water District located in Peoria County. There are no designated Sole Source Aquifers in Illinois.</p> <p>Reference:</p> <p>Public water supply correspondence. (Refer to Appendix F).</p> <p>Section 9 of this application</p>	<p>Title 35 Section 811.302(b)</p> <ul style="list-style-type: none"> <li>• No part of a unit shall be located within 1,200 feet vertically or horizontally of a sole source aquifer, unless an impermeable situation exists below the unit.</li> </ul> <p>Section 39.2(a)(ix) of the Act</p> <ul style="list-style-type: none"> <li>• If the facility will be located within a regulated recharge area, any applicable requirements specified by the Board for such areas have been met.</li> </ul>	
<u>Complies and</u> <u>Exceeds</u> X	<u>Complies</u>	<u>Does Not</u> <u>Comply</u>



**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>	
<b>M. Roads and Highways</b>		
<p>Proposed Facility operations will be screened from view along Kenosha Road and Ninth Street by a visual barrier at least 8 feet in height. An existing 8 foot barrier currently exists along Green Bay Road. The visual barrier will consist of a vegetated earthen berm and/or privacy fence.</p> <p>Reference:</p> <p>Design Drawing No. 12 of this Application.</p> <p>Section 3.1 (Land Use) of this Application</p>	<p>Title 35 Section 811.302 (c)</p> <ul style="list-style-type: none"> <li>• A facility that is located within 500 feet of a township or county road or state or interstate highway shall have its operations screened from view by a barrier no less than 8 feet in height.</li> </ul>	
<u>Complies and Exceeds</u>	<u>Complies</u> X	<u>Does Not Comply</u>



**TABLE 2.1-1**  
**LANDFILL LOCATION STANDARDS**

<b>Veolia E.S. Zion Landfill Site 2 East Expansion</b>	<b>Illinois Landfill Criteria: Title 35 Illinois Administrative Code Part 810- 814 Illinois Environmental Protection Act Section 39.2</b>
N. Occupied Dwellings, Schools, Retirement Homes, Hospitals, etc.	
<p>There are no occupied dwellings, schools, retirement homes, hospitals, or similar institutions within 500 feet of the proposed Site 2 East Expansion waste boundary (including the existing waste boundary footprint).</p> <p>Reference:</p> <p style="margin-left: 20px;">Drawing Nos. D2 and D3, Design Drawings of this application.</p>	<p>Title 35 Section 811.302(d)</p> <ul style="list-style-type: none"> <li>• No part of a unit shall be located closer than 152 meters (500 feet) from an occupied dwelling, school, or hospital that was occupied on the date when the operator first applied for a permit to develop the unit or the Facility containing the unit, unless the owner of such dwelling, school, or hospital provides permission to the operator, in writing, for a closer distance.</li> </ul>
<u>Complies and Exceeds</u>  <input checked="" type="checkbox"/> X	<u>Complies</u>
<u>Does Not Comply</u>	

