

NPDES Permit No. IL0067725
Notice No. SMT:20040901.smt

Public Notice Beginning Date: **August 12, 2020**

Public Notice Ending Date: **September 11, 2020**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Advanced Disposal Services Zion Landfill, Inc.
701 Green Bay Road
Zion, Illinois 60099

Name and Address of Facility:

Advanced Disposal Services Zion Landfill, Inc.
701 Green Bay Road
Zion, Illinois 60099
(Lake County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Shu-Mei Tsai at 217/782-0610.

The applicant is engaged in landfilling and transportation of non-hazardous waste and transportation of hazardous waste (SIC 4953). Wastewater is generated from precipitation which comes into contact with final and intermediate covers and is considered non-contaminated stormwater. Facility operation results in an intermittent discharge of stormwater from outfall 001, 002, 003, 005, 006, and 007.

Application is made for existing discharges which are located in Lake County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

<u>Outfall</u>	<u>Receiving Stream</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Stream Classification</u>	<u>Integrity Rating</u>
001	Unnamed Tributary to Des Plaines River	42° 28' 45"	North 87° 53' 00" West	General Use	Not Rated
002	Unnamed Tributary to Des Plaines River	42° 29' 15"	North 87° 52' 30" West	General Use	Not Rated
003	Unnamed Tributary to Des Plaines River	42° 28' 45"	North 87° 52' 30" West	General Use	Not Rated
005	Unnamed Tributary to Kellog Ravine	42° 29' 00"	North 87° 52' 00" West	Lake Michigan Basin	Not Rated
006	Unnamed Tributary to Kellog Ravine	42° 28' 45"	North 87° 52' 15" West	Lake Michigan Basin	Not Rated
007	Unnamed Tributary to Des Plaines River	42° 29' 00"	North 87° 53' 00" West	General Use	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

The subject facility discharges to an unnamed tributary of Des Plaines River via Outfalls 001, 002, and 007 at a point where 0 cfs of flow exists upstream of the outfall during critical 7q10 low-flow conditions. The unnamed tributary of Des Plaines River is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The unnamed tributary of Des Plaines River, tributary to Waterbody Segment, IL_G-25, is not listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List since it has not been assessed. This segment of the unnamed tributary of Des Plaines River not subject to enhanced dissolved oxygen standards.

The subject facility discharges to an unnamed tributary of Kellog Ravine via Outfalls 003, 005, and 006 at a point where 0 cfs of flow exists upstream of the ourfall during critical 7Q10 low-flow conditions. The unnamed tributary of Kellog Ravine is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The unnamed tributary of Kellog Ravine, tributary to Waterbody Segment, IL_G-25, is not listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List since it has not been assessed. This segment of the unnamed tributary of Kellog Ravine not subject to enhanced dissolved oxygen standards.

The discharges from the facility shall be monitored and limited at all times as follows:

Outfall: 001 Stormwater (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/L		
	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Flow						
Stormwater Pollution Prevention Plan						40 CFR 122.26(b)(14)(v)

Outfall: 002 Stormwater (Intermittent Discharge)

Flow (MGD)						
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Phenols					0.1	35 IAC 302.208
Zinc					0.2967	35 IAC 302.208
Sulfate					1729	35 IAC 302.208
Stormwater Pollution Prevention Plan						40 CFR 122.26(b)(14)(v)

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PARAMETER	LOAD LIMITS lbs/day		REGULATION	CONCENTRATION		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		LIMITS mg/L	DAILY MAXIMUM	
Outfall: 003 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Stormwater Pollution Prevention Plan						
40 CFR 122.26(b)(14)(v)						
Outfall: 005 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Zinc (Total)				0.159		35 IAC 302.208
Sulfate				500		35 IAC 302.208
Stormwater Pollution Prevention Plan						
40 CFR 122.26(b)(14)(v)						
Outfall: 006 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Chloride				500		35 IAC 302.208
Sulfate				500		35 IAC 302.208
Phenols				0.1		35 IAC 302.208
Stormwater Pollution Prevention Plan						
40 CFR 122.26(b)(14)(v)						
Outfall: 007 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Zinc (Total)				0.2967		35 IAC 302.208
Stormwater Pollution Prevention Plan						
40 CFR 122.26(b)(14)(v)						

The following explain the conditions of the draft permit:

The special conditions clarify flow measurement and reporting, stormwater pollution prevention plan requirements, monitoring location, algicide usage, biosolids and bioremediated soil usage requirements and compliance with Bureau of Land.

**Advanced Disposal Services Zion Landfill
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