

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

LANDFILL 33, LTD.,)	
)	
Petitioner,)	
)	
v.)	PCB No. 20-18
)	(Land - Permit Appeal)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
)	
Respondent.)	

NOTICE OF FILING

To: See Attached Service List

PLEASE TAKE NOTICE that on December 5, 2019, I electronically filed with the Clerk of the Pollution Control Board of the State of Illinois Notice of Filing, Certificate of Record on Appeal, Record (Record consists of eight parts) and Certificate of Service, copies of which are attached hereto and herewith served upon you.

Respectfully submitted,

PEOPLE OF THE STATE OF ILLINOIS, KWAME
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Dated: December 5, 2019

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Petitioner,)	
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v.)	PCB No. 20-18
)	(Permit Appeal-Land)
ILLINOIS ENVIRONMENTAL)	
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CERTIFICATE OF RECORD ON APPEAL

Pursuant to 35 Ill. Adm. Code 101.1030(g), 105.116 (b), 105.212(b), and 101.302(h)(2)(A), the following constitutes an index of documents comprising the record:

R1 – R3:	Letter submitting Application for Significant Modification from Andrews Engineering to Illinois EPA dated April 5, 2019 plus Attachments cover sheet.
R4:	Cover sheet
R5 – R18:	Attachment 1 – Permit Application Forms
R19:	Cover sheet
R20 – R24:	Attachment 2 – Revised Waste Capacity Calculations
R25:	Cover sheet
R26 – R38:	Attachment 3 – Certificate of Siting Approval (LPC-PA8) Form, Resolution to Approve Landfill Expansion dated February 21, 2000 and Andrews Engineering letter to Landfill 33 dated March 7, 2018
R39:	Cover sheet
R40 – R43:	Attachment 4 – Slope Stability Analysis
R44 – R46:	Attachment 4A – Bearing Capacity Analysis
R47 – R49:	Attachment 4B – Unified Hazard Tool
R50 – R127:	Attachment 4C – Stability Analysis
R128:	Cover sheet
R129 – R131:	Attachment 5 – Revised Stormwater Design
R132 – R188:	Attachment 5 Exhibit 1 – WinTR-55 Reports

R189 – R190: Attachment 5 Exhibit 2 – Drainage Structures Calculations

R191: Cover sheet

R192 – R201: Attachment 6 – Revised Plan Drawings (Reduced Copy)

R202: Cover sheet

R203 – R233: Attachment 7 – Groundwater Impact Assessment

R234: Groundwater Impact Assessment Tables cover sheet

R235– R247: Groundwater Impact Assessment Tables

R248: Groundwater Impact Assessment Figures cover sheet

R249 – R260: Groundwater Impact Assessment Figures

R261 – R264: Groundwater Impact Assessment Appendix A – Hydraulic Conductivity Data

R265: Cover sheet

R266– R274: Groundwater Impact Assessment Appendix B – Geologic Cross Sections

R275: Cover sheet

R276 – R284: Groundwater Impact Assessment Appendix C – Impermeable Bedrock Hydraulic Conductivity

R285: Cover sheet

R286 – R287: Groundwater Impact Assessment Appendix D – Model Input Parameter Support Documentation Table of Contents

R288 – R294: Groundwater Impact Assessment Appendix D – Model Input Parameter Support Documentation 1 – Laboratory Diffusion Testing for Waste Disposal – Shackelford (1990)

R295 – R297: Groundwater Impact Assessment Appendix D – Model Input Parameter Support Documentation 2 – Physical and Chemical Hydrogeology – Domenico and Schwarz (1990)

R298 – R302: Groundwater Impact Assessment Appendix D – Model Input Parameter Support Documentation 3 – Liner seepage Analysis – Giroud *et al.* (1989)

R303 – R313: Groundwater Impact Assessment Appendix D – Model Input Parameter Support Documentation 4 – Universal Scaling of Hydraulic Conductivities and Dispersivities in Geologic Media – Neuman (1990)

- R314 – R334: Groundwater Impact Assessment Appendix D – Model Input Parameter Support Documentation 5 – Review of Data on Field Scale Dispersion in Aquifers – Gelhar *et al.* (1992)
- R335 – R345: Groundwater Impact Assessment Appendix D – Model Input Parameter Support Documentation 6 – Basics of Pump and Treat Groundwater Remediation Technology – Mercer *et al.* (1990)
- R346 – R348: Groundwater Impact Assessment Appendix D – Model Input Parameter Support Documentation 7 – Soil Chemistry of Hazardous Materials – Dragun (1988)
- R349 – R380: Groundwater Impact Assessment Appendix D – Model Input Parameter Support Documentation 8 – Subtitle D Landfill Application Manual for Multimedia Exposure Assessment Model – Sharp-Hansen *et al.* (1990)
- R381: Cover sheet
- R382 – R606: Groundwater Impact Assessment Appendix E – Existing Unit – Baseline Model with Time & Distance Profiles, Table of Sensitivity Results, and Input and Output Files
- R607: Cover sheet
- R608 – R689: Groundwater Impact Assessment Appendix F – South Unit – Baseline Model with Time & Distance Profiles, Table of Sensitivity Results, and Input and Output Files
- R690: Cover sheet
- R691 – R1639: Groundwater Impact Assessment Appendix G – North West Unit – Baseline Model with Time & Distance Profiles, Table of Sensitivity Results, and Input and Output Files
- R1640: Cover sheet
- R1641 – R1699: Groundwater Impact Assessment Appendix H – H.E.L.P. Output Files
- R1700: Cover sheet
- R1701 – R1812: Groundwater Impact Assessment Appendix I – Surrogate Adsorption and Half Life Values
- R1813: Table 1: Existing Unit Baseline and Sensitivity Parameters
- R1814: Table 2: South Unit Baseline and Sensitivity Parameters
- R1815: Table 3: Northwest Unit Baseline and Sensitivity Parameters
- R1816: Table 4: Northwest Surrogate Parameters

R1817 – R1819: Table 5: Leachate and Predicted Concentrations

R1820 – R1822: Table 6: Existing and South Unit AGQS and MAPC Values

R1823 – R1825: Table 7: Northwest Unit AGQS and MAPC Values

R1826 – R1828: Review letter from Illinois EPA to Landfill 33 Ltd dated September 6, 2019

R1829 – R1832: Review letter from Illinois EPA to Landfill 33 Ltd dated July 5, 2019

R1833 – R1836: Review letter from Illinois EPA to Landfill 33 Ltd dated May 3, 2019

R1837: Email and response between Imran Syed and James Jennings dated January 14, 2019

R1838 – R1849: Landfill 33 Ltd Application Log

R1850 – R1853: Completeness and Initial Review Checklist

R1854 – R1857: Completeness Checklist

R1858 – R1874: Permit History – Landfill 33 Ltd

R1875: Imran Syed's handwritten notes from conference call on May 30, 2019

R1876: Email from Dustin Burger to Imran Syed dated April 17, 2019

R1877 – R1880: Letter in response to review letter from Andrews Engineering to Illinois EPA dated June 7, 2019

R1881: Cover sheet

R1882 – R1885: Exhibit A – Effingham County Board Resolution

R1886: Cover sheet

R1887 – R1892: Exhibit B – Revised LPC-PA1 and LPC-PA16 Forms

R1893: Cover sheet

R1894 – R1896: Exhibit C – Revised LPC-PAS Form

R1897 – R1899: Letter in response to review letter from Andrews Engineering to Illinois EPA dated August 7, 2019

R1900: Affidavit of Leon Gobczynski dated August 6, 2019

R1901 – R1902: Effingham County Board Findings of Fact Regarding Request for Expansion of Existing Landfill Facility Submitted by Landfill 33, Ltd dated February 21, 2000

R1903: Letter from Andrews Engineering to Illinois EPA dated September 6, 2019

- R1904 – R1905: Letter in response to review letter from Andrews Engineering to Illinois EPA dated October 11, 2019
- R1906: Letters of Office – Decedent's Estate dated December 18, 2018
- R1907 – R1910: General Application for Permit (LPC-PA1) submitted for Landfill 33, Ltd dated September 27, 2019
- R1911 – R1914: 39(i) Certification for Operating a Waste Management Facility dated September 27, 2019

I, Imran Syed, certify on information and belief that the entire record of the Respondent's decision, as defined in 35 Ill. Adm. Code 105.212(b), is hereby enclosed.

BY: Imran M. Syed
Imran Syed
Environmental Protection Engineer
Permit Section, Bureau of Land
Illinois Environmental Protection Agency

CERTIFICATE OF SERVICE

I hereby certify that I did on December 5, 2019, caused to be served by electronic mail, a true and correct copy of the following instruments entitled Notice of Filing, Certificate of Record on Appeal, Record and Certificate of Service, upon the following:

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s/Christina L. Nannini
Christina L. Nannini
Assistant Attorney General