

# Ottawa County Farms Landfill Construction Permit Application Information

## [COVER LETTER](#)

### VOLUME I (Weaver Consultants Group...Attachments 1-12)

- Attachment 1 – [Introduction](#)
- Attachment 2 - [Construction Permit Application Form \(R 299.4902\)](#)
- Attachment 3 - [Environmental Assessment \(R 299.4903\)](#)
  - [Extracted EA Figures](#)
  - [Part 323](#)
- Attachment 6 - [Topographic Maps \(R299.4909\) and Design Plans \(R 299.4910\)](#)
- Attachment 7 - [Engineering Report \(R 299.4911\)](#)
  - [Settlement Analyses](#)
  - [Soil Analytical Data](#)
  - [Stability Analyses](#)
  - [Veneer Stability Calculations](#)
  - [Leachate Generation Calculations](#)
  - [Pipe Stress Calculations](#)
  - [Leachate System Calculations](#)
  - [Bottom Heave Blowout Analysis](#)
  - [Surface Water System Calculations](#)
  - [HydroCAD Results](#)
- Attachment 8 - [Operation Plans \(R 299.4911\)](#)
- Attachment 9 - [Construction Quality Assurance Plan \(R 299.4916\)](#)
- Attachment 10 - [Closure/Post-Closure Plan \(R 299.4446 and R 299.4447\)](#)
- Attachment 11 - – [Sump Connection Construction Plan](#)
  - [Sump Connection Construction Plan R1](#)
- Attachment 12 - [Over-liner Optimization Report \(CTI and Associates, Inc.\)](#)

### VOLUME II (E & E Solutions, LLC)

- Attachment 4 - [Hydrogeological Investigation Report \(R 299.4904\)](#) and  
[Hydrogeological Monitoring Plan \(R 299.4905\)](#)
  - [Site Plan w/Cross Section Locations](#)
  - [Tables 1-4](#)
  - [Figures 1-19](#)
  - [Previous Hydrogeological Investigations](#)
  - [Boring Logs and Well Construction Details](#)
  - [Water Well Logs Within 0.5 Miles of the Site](#)
  - [Field Investigations, Methods, and Procedures](#)
  - [Soil and Aquifer Testing Data](#)
  - [Groundwater Analytical Data](#)

VOLUME III (E & E Solutions, LLC)

Attachment 5 - [Groundwater Monitoring](#)

Groundwater Monitoring Systems (R 299.4906)

Groundwater Monitoring Sampling and Analysis Plan (R 299.4907)

Groundwater Monitoring Statistical Procedures (R 299.4908)

VOUME IV (Weaver Consultants Group)

[2016 GCCS Design Plan](#)