

Tab 1

Construction and Demolition Debris License Application

Pursuant to OAC Rule 3745-37-01, no person shall establish, operate, maintain, or modify a construction and demolition debris facility without a C&DD facility license.

- Each person proposing to open a new C&DD facility or modify an existing C&DD facility shall, at least ninety (90) days before the proposed operation, submit two copies of an application for a license to the licensing authority.
- Each person proposing to continue operation of an existing C&DD facility beyond December 31, shall, in accordance with OAC Rule 3745-37-02(D)(3), submit two copies of a license application to the licensing authority by September 30.

When the license is issued, one of the two copies will be returned to the applicant. A health department, issuing the license, will complete the Certification Transmittal Form and send it with photocopies of the issued license and Form CDDL-001 to the Ohio Environmental Protection Agency (Ohio EPA).

Contents of Application Package

- Tab 1 License Application Form CDDL-001
- Tab 2 Ground Water Monitoring Report (Optional)
- Tab 3 Facility Design Plan - Site Characterization Report
- Tab 4 Facility Design Plan - Facility Construction Design Plan
- Tab 5 Facility Design Plan - Facility Construction Design Plan (Continued)
- Tab 6 Facility Design Plan - Final Cap System Design Plan
- Tab 7 Facility Design Plan - Ground Water Monitoring Well System Plan
- Tab 8 Letter from Local Fire Department
- Tab 9 Debris Placement Plan
- Tab 10 Pre-Acceptance Debris Screening Program Narrative (Optional)
- Tab 11 Delineation and Remaining Life
- Tab 12 Financial Assurance Documentation

License Application Form CDDL-001

(with CERTIFICATION TRANSMITTAL FORM for licensing authority)

For every license renewal application and modification application, Form CDDL-001 must be signed, dated, and resubmitted under Tab 1. Other parts of the license application that are not changing need not be resubmitted; simply indicate on the appropriate tab. All tabs should be filled out and submitted.

Major Components	Applicant Use Only	HD/OEPA Use Only	
	Check <input checked="" type="checkbox"/> if submitted in this application	Applicant signature present?	Application complete?
✓ License Application Form CDDL-001			

Comments (for licensing authority use):

Tab 2

GROUND WATER MONITORING REPORT (Optional)

Pursuant to OAC Rule 3745-400-09(B), facilities not meeting all of the specified conditions must monitor the quality of the ground water. In accordance with OAC Rule 3745-400-11(R)(3), new facilities shall implement the ground water monitoring program in accordance with OAC Rule 3745-400-10 prior to accepting debris for disposal. "Implement" means to install the ground water monitoring system and begin sampling.

The Ground Water Monitoring Report with ground water monitoring information [OAC Rules 3745-400-10(B)and (C)] is **NOT** required to be submitted with the annual license application. However, it **IS** required to be submitted annually to the licensing authority by September 30th of each year. Although it is not required to be submitted with the application, **COMPLIANCE WITH THESE ITEMS IS CONSIDERED BY THE LICENSING AUTHORITY PRIOR TO ISSUANCE OF A LICENSE RENEWAL.**

If the applicant chooses to include a Ground Water Monitoring Report with this application, the report and related information should be placed behind this tab. The Ground Water Monitoring Report must be certified by a qualified ground water scientist (QGWS).

Report submitted annually to the licensing authority. <i>OAC Rule 3745-400-10(B)</i>	Applicant Only	HD/OEPA Use Only
	Check <input checked="" type="checkbox"/> if submitted within this application or note date when submitted during the past year	QGWS certification present?
Report shall include the following major components:		
<input checked="" type="checkbox"/> Ground water monitoring data <i>OAC Rule 3745-400-10(B)(1)</i>		
<input checked="" type="checkbox"/> Map of ground water elevations <i>OAC Rule 3745-400-10(B)(3)</i>		
<input checked="" type="checkbox"/> Documentation of well system capability <i>OAC Rule 3745-400-10(B)(4)</i>		
<input checked="" type="checkbox"/> Documentation of changes to well system <i>OAC Rule 3745-400-10(B)(5)</i>		
<input checked="" type="checkbox"/> Qualifications of certifying QGWS <i>OAC Rule 3745-400-10(B)(6)</i>		
Special Major Component	Check <input checked="" type="checkbox"/> if submitted within this application or note license year last submitted	QGWS certification present?
* Sampling and analysis procedures used <i>OAC Rule 3745-400-10(B)(2)</i>		

* A narrative of sampling and analysis procedures used shall be submitted with the initial report, however; only amendments to the submitted plan need to be submitted with each subsequent report. This component shall be referenced back to the previous year's license application or ground water report. Major Components (1-5) shall all be submitted within each annual ground water report.

Comments (for licensing authority use):

Tab 3

**FACILITY DESIGN PLAN
Site Characterization Report**

OAC Rule 3745-37-02(E)(1) sets forth the requirement that a C&DD license application must include the Site Characterization Report portion of the facility design plan meeting the criteria of OAC Rule 3745-400-07(A)(1). The content of the Site Characterization Report is outlined in OAC Rule 3745-400-09(C). The purpose of the Site Characterization report is to have a qualified ground water scientist (QGWS) provide documentation that the standards established in OAC Rule 3745-400-06[†] (prohibited locations), OAC Rule 3745-400-09(A) (liner), and OAC Rule 3745-400-09(B) (ground water monitoring) are met and that the ground water monitoring system is capable of determining the quality of the ground water under the facility. The Report shall be submitted once unless the hydrogeologic investigation is conducted in phases or new licensed disposal area is added. If new licensed disposal area (active and/or inactive areas) is added, then a revised Site Characterization Report describing the proposed new disposal area must be submitted ninety (90) days prior to use of the increased area. **Please see footnote below.**

Major Components	Applicant Use Only		HD/OEPA Use Only	
	Check <input checked="" type="checkbox"/> if submitted in this application	If not within, note for license year last submitted	QGWS signature present?	Application complete?

Site Characterization Report - *OAC Rule 3734-400-09(C)*

<input checked="" type="checkbox"/> Will the hydrogeologic investigation be conducted in phases? <input type="checkbox"/> yes <input type="checkbox"/> no (Note: only facilities that meet the standards in OAC Rule 3745-400-09(A) can conduct the hydrogeologic investigation in phases) If yes, each phase must be described <i>OAC Rule 3745-400-09(C)(1)</i>			Not Required	
<input checked="" type="checkbox"/> Ground Water Scientist Qualification/Documentation <i>OAC Rule 3745-400-09(C)(2)</i>			Not Required	

Final Summary - *OAC Rule 3745-400-09(C)(3)*

<input checked="" type="checkbox"/> Are standards established by OAC Rule 3745-400-06 [†] and Section 3, paragraph C of Amended Substitute HB 397 (126 th General Assembly) met?				
<input checked="" type="checkbox"/> Are standards established by OAC Rule 3745-400-09(A) (liner) met?				
<input checked="" type="checkbox"/> Are standards established by OAC Rule 3745-400-09(B) (ground water monitoring) met?				
<input checked="" type="checkbox"/> Publicly available information supporting the final summary <i>OAC Rule 3745-400-09(C)(4)</i>			Not Required	
<input checked="" type="checkbox"/> Site specific hydrogeologic information to support final summary <i>OAC Rule 3745-400-09(C)(5)</i>			Not Required	

[†] The location prohibitions described in OAC Rule 3745-400-06 do not apply to a facility operating or under construction on July 24, 1990, or to the expansion of such a facility onto contiguous land owned by the facility owner or operator when the initial license application was submitted.

Comments (for licensing authority use):

Tab 4

**FACILITY DESIGN PLAN
Facility Construction Design Plan**

OAC Rule 3745-37-02(E)(1) sets forth the requirement that a C&DD license application must include the facility design plan outlined in OAC Rule 3745-400-07(A)(2). The facility construction design portion of the facility design plan is outlined in OAC Rule 3745-400-07(F). The facility construction design plan shall be signed and sealed by a professional engineer (P.E.), registered in Ohio.

Major Components	Applicant Only		HD/OEPA Use Only	
	Check ✓ if submitted in this application	If not within, note for license year last submitted	P.E. signature and seal present?	Application complete?

✓ Cover Sheet <i>OAC Rule 3745-400-07(F)(1)</i>				
✓ Facility Environs (Plans) <i>OAC Rule 3745-400-07(F)(2)</i>				
✓ Facility Plan Drawings <i>OAC Rule 3745-400-07(F)(3)</i>				
✓ Cross Sections <i>OAC Rule 3745-400-07(F)(4)</i>				

Comments (for licensing authority use):

Tab 5

**FACILITY DESIGN PLAN
Facility Construction Design Plan (Continued)**

OAC Rule 3745-37-02(E)(1) sets forth the requirement that a C&DD license application must include the facility design plan outlined in OAC Rule 3745-400-07(A)(2). The facility construction design portion of the facility design plan is outlined in OAC Rule 3745-400-07(F). The facility construction design plan shall be signed and sealed by a professional engineer (P.E.), registered in Ohio.

Major Components	Applicant Only		HD/OEPA Use Only	
	Check ✓ if submitted in this application	If not within, note for license year last submitted	P.E. signature and seal present?	Application complete?

Detail Drawings *OAC Rule 3745-400-07(F)(5)*

✓ (a) Recompacted Soil Liner				
✓ (b) Added Geologic Material				
✓ (c) Leachate Collection System Elements				
✓ (d) Soil Barrier Layer				
✓ (e) Permanent Ground Water Control Structures				

✓ Design Calculations <i>OAC Rule 3745-400-07(F)(6)</i>				
--	--	--	--	--

Comments (for licensing authority use):

Tab 6

**FACILITY DESIGN PLAN
Final Cap System Design Plan**

OAC Rule 3745-37-02(E)(1) sets forth the requirement that a C&DD license application must include the final cap system design plan portion of the facility design plan meeting the criteria of OAC Rule 3745-400-07(A)(3). The content of the final cap system design plan is outlined in OAC Rule 3745-400-07(G). The information under this tab must be signed and sealed by a professional engineer (P.E.), registered in Ohio.

Major Components	Applicant Only		HD/OEPA Use Only	
	Check ✓ if submitted in this application	If not within, note for license year last submitted	P.E. signature and seal present?	Application complete?

The Facility *OAC Rule 3745-400-07(G)(1)*

✓ (a) Final grade of limits of debris placement				
✓ (b) Final grade including cap system and surface drainage structures				
✓ (c) Designation of the required cap system types within the limits of debris placement				
✓ (d) Planned end use - for informational purposes only				

Detail Drawings *OAC Rule 3745-400-07(G)(2)*

✓ (a) Standard cap system				
✓ (b) Vegetative cap system (if used)				

Soil Erosion Calculations *OAC Rule 3745-400-07(G)(3)*

✓ Soil erosion calculation				
----------------------------	--	--	--	--

Comments (for licensing authority use):

Tab 7

**FACILITY DESIGN PLAN
Ground Water Monitoring Well System Plan**

OAC Rule 3745-37-02(E)(1) sets forth the requirement that a C&DD license application must include the ground water monitoring well system plan portion of the facility design plan, as stated in OAC Rule 3745-400-07(A)(4), meeting the criteria of OAC Rule 3745-400-10. A ground water monitoring well system, as described in OAC Rule 3745-400-10(A) is **required** for a facility disposing of debris on or after September 30, 1996, **unless all of the conditions under OAC Rule 3745-400-09(B) are met**. Information under this tab must be certified by a qualified ground water scientist(QGWS).

Major Components	Applicant Only		HD/OEPA Use Only	
	Check ✓ if submitted in this application	If not within, note for license year last submitted	QGWS certification present?	Application complete?

Ground Water Monitoring Well System *OAC Rule 3745-400-10(A)*

✓ Well system monitors first continuous significant zone of saturation underlying the facility <i>OAC Rule 3745-400-10(A)(1)</i>				
✓ Wells collect ground water samples representative of ground water quality in the unit being monitored <i>OAC Rule 3745-400-10(A)(2)</i>				
✓ Construction certification report for installed monitoring wells <i>OAC Rule 3745-400-10(A)(3)</i>				

The Ground Water Monitoring Report with ground water monitoring information [OAC Rules 3745-400-10(B)and (C)] is **NOT** required to be submitted with the annual license application. However, it **IS** required to be submitted annually by September 30 of each year to the licensing authority. Although it is not required to be submitted with the application, **COMPLIANCE WITH THESE ITEMS MAY BE CONSIDERED BY THE LICENSING AUTHORITY PRIOR TO ISSUANCE OF A LICENSE RENEWAL**. If the applicant chooses to include a Ground Water Monitoring Report with this application, the report and related information should be placed behind **Tab 2**.

Comments (for licensing authority use):

Tab 8

FIRE DEPARTMENT LETTER

OAC Rule 3745-37-02(E)(2) sets forth the requirement that a C&DD license application must include a letter from the local fire department. This letter is only required to be submitted as part of the initial license application.

Major Components	Applicant Only		HD/OEPA Use Only
	Check <input checked="" type="checkbox"/> if submitted in this application	If not within, note for license year last submitted	Application complete?
✓ A letter from the local fire department stating that the department will respond to fires at the facility			

OAC Rule 3745-37-02(E)(2)

✓ A letter from the local fire department stating that the department will respond to fires at the facility			
---	--	--	--

Comments (for licensing authority use):

Tab 9

DEBRIS PLACEMENT PLAN

OAC Rule 3745-37-02(E)(7) sets forth the requirement that a C&DD license application must include the debris placement plan, prepared by a professional engineer (P.E.), registered in Ohio.

Major Components	Applicant Only		HD/OEPA Use Only	
	Check <input checked="" type="checkbox"/> if submitted in this application	If not within, note for license year last submitted	P.E. signature and seal present?	Application complete?
<input checked="" type="checkbox"/> Facility operation plan drawing(s) <i>OAC Rule 3745-37-02(E)(7)(a)</i>				
<input checked="" type="checkbox"/> Surface water run-on & run-off control structures <i>OAC Rule 3745-37-02(E)(7)(b)</i>				
<input checked="" type="checkbox"/> Is the facility using unloading zone pursuant to OAC Rule 3745-400-11(F)(3)? <input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> If no, a pre-acceptance debris screening program in place of an unloading zone is required . [Refer to OAC Rule 3745-37-02(E)(7)(c) and OAC Rule 3745-400-11(F)(3)] NOTE: PLACE ALL INFORMATION REGARDING THE FACILITY'S PRE-ACCEPTANCE DEBRIS SCREENING PROGRAM BEHIND TAB # 10.				
<input checked="" type="checkbox"/> Plan drawings showing the horizontal limits of any soil barrier layer for construction over placed debris (for facilities operating or under construction as of September 30, 1996). <i>OAC Rule 3745-37-02(E)(7)(d)</i>				

Comments (for licensing authority use):

Tab 10

**PRE-ACCEPTANCE DEBRIS SCREENING PROGRAM NARRATIVE
(Optional)**

OAC Rule 3745-400-11(F)(3) states that the owner or operator shall deposit incoming loads of debris at a designated unloading zone, unless the owner or operator has received approval of and has implemented a pre-acceptance debris screening program at the facility. If the owner or operator is implementing a pre-acceptance debris screening program that has been approved by the licensing authority through the license application, the owner or operator is not required to establish an unloading zone. The content of the pre-acceptance debris screening program is outlined in OAC Rule 3745-37-02(E)(7)(c).

Major Components	Applicant Only		HD/OEPA Use Only
	Check <input checked="" type="checkbox"/> if submitted in this application	If not within, note for license year last submitted	Application Complete?

OAC Rule 3745-37-02(E)(7)(c)(i) Procedures for recording and maintaining records of the following:

<input checked="" type="checkbox"/> Generator identification			
<input checked="" type="checkbox"/> Source of the debris			
<input checked="" type="checkbox"/> Types of debris in the load including affirmation that the load does not contain prohibited materials			
<input checked="" type="checkbox"/> Whether the debris arrives at the facility unprocessed or processed (e.g., shredded)			
<input checked="" type="checkbox"/> Written verification by the generator of each load of debris stating answers to all of the information required above			

OAC Rule 3745-37-02(E)(7)(c)(ii) Description of procedures and personnel responsible for determining waste acceptance and for documenting decisions concerning waste acceptance.

<input checked="" type="checkbox"/> (a) Procedures for conducting random inspections of incoming loads with visual observation of the load to identify prohibited materials			
<input checked="" type="checkbox"/> (b) Procedures to be utilized upon discovery of prohibited materials			
<input checked="" type="checkbox"/> (c) Procedures for recording the incidence of discovery of prohibited materials and measures taken in response to each incident			
<input checked="" type="checkbox"/> (d) Procedures for training personnel conducting waste review and inspection activities			

Comments (for licensing authority use):

Tab 11

**DELINEATION OF ALDA, ILDA, UNFILLED AREAS, ACREAGE, AND REMAINING LIFE
OAC Rules 3745-37-02(E)(3), (E)(4), and (E)(5)**

OAC Rules 3745-37-02(E)(3) and (E)(4) set forth the requirements that a C&DD license application must include the delineation and acreage of the proposed active licensed disposal area (ALDA), the proposed inactive licensed disposal area (ILDA), and for facilities operating or under construction as of September 30, 1996, the unfilled areas as of September 30, 1996, where debris has been placed after that date and where liner or leachate collections system installation has been delayed. OAC Rule 3745-37-02(E)(5) sets forth the requirement that a C&DD license application must include the remaining life of the facility in years.

Major Components	Applicant Only			HD/OEPA Use Only
	Delineation on Plan Drawing		Total Acreage Designated pursuant to OAC Rule 3745-37-02(E)(4)	Application Complete?
	✓ yes	✓ no		

Proposed Active Licensed Disposal Area (ALDA)
OAC Rule 3745-37-02(E)(3)(a)

✓ Delineation of ALDA on a plan drawing meeting the specifications of OAC Rule 3745-400-07(F)(2)			_____ACRES	
--	--	--	------------	--

Proposed Inactive Licensed Disposal Area (ILDA)
OAC Rule 3745-37-02(E)(3)(b)

✓ Delineation of ILDA on a plan drawing meeting the specifications of OAC Rule 3745-400-07(F)(2)			_____ACRES	
--	--	--	------------	--

Remaining Life
OAC Rule 3745-37-02(E)(5)

✓ For informational purposes only, provide in years, the remaining life of the facility	<i>ESTIMATED REMAINING LIFE</i>	
	_____ YEARS	

Comments (for licensing authority use):

Tab 12

FINANCIAL ASSURANCE DOCUMENTS

OAC Rule 3745-37-02(E)(6) sets forth the requirement that a C&DD license application must include all financial assurance documents required by OAC Rule 3745-400-13. A combination of financial assurance documents may be used. Original financial assurance documents may be included unsigned, but must be signed and funded within thirty (30) days of the issuance of the license in accordance with OAC Rule 3745-400-13(A)(2). Complete the worksheet below.

Major Components	Applicant Only		HD/OEPA Use Only
	Check <input checked="" type="checkbox"/> if submitted in this application	If not within, note for license year last submitted	Application complete?
<input checked="" type="checkbox"/> All financial assurance documentation required by OAC Rule 3745-400-13			

FINANCIAL ASSURANCE CALCULATION WORKSHEET

Table A: Standard financial assurance calculation for active areas of the facility

Parameter	Required Financial Assurance (FA)	Number of Units	Total FA Required (Units x Required FA)
Active Licensed Disposal Area (to nearest 1/10 acre)	\$13,000 Per Acre	Acres	(1)
Ground Water Monitoring Wells	\$2,175 Per Well	Wells	(2)

Table B: Required financial assurance for areas which have been filled, capped, and certified

Parameter	Required Financial Assurance (FA)	Number of Acres	Total FA Required (Acres x Required FA)
Capped & Certified Acres (to nearest 1/10 acre)	\$550 Per Acre		(3)

Table C: Total required financial assurance for facility

Financial assurance instruments must cover at least this amount	box 1 + box 2 + box 3 ⇒	
---	-------------------------	--

All facilities must fund at 100% of cost estimates within thirty (30) days of license issuance pursuant to OAC Rule 3745-400-13(A)(2).

Comments (for licensing authority use):