

APPLICANT INFORMATION

Name _____ E-mail _____

Address _____

Phone _____
preferred *other*

PROPERTY INFORMATION

Address _____

Parcel ID _____

Legal Description (Attach if necessary) _____

Property Owner _____ Anticipated Date of Connection _____

QUALIFYING STATEMENT OF LOTS UNDUE HARDSHIP

Describe Lots Undue Hardship (See Definition Below) Supporting This Request:

(Attach if necessary) _____

Town Superintendent
Qualifying Approval _____ Date _____

Town Zoning Administrator
Qualifying Approval _____ Date _____

Town Council Infrastructure Member
Qualifying Approval _____ Date _____

CONNECTION INFORMATION

Type: Residential (Single Dwelling Unit) Commercial & Non-Residential

Source of Stormwater Being Conveyed: Roof Surface Other _____

Stormwater Best Management Practices (BMP) Currently In Use or Planned to be Used:

Rain Barrels Rain Gardens Permeable Hardscapes Impervious Cover Removal Tree Plantings
 Infiltration Trench/Swale Other _____

Type of Proposed Stormwater Management System: Above Ground Underground Elements of Both

Stormwater Management Design Compliance Assessment (Reference Overall, Above Ground and Underground Requirements Below):

Fully Compliant Partially Compliant Not Compliant

Identify all Partial and Non Compliant Requirements:

OR#1 OR#2 OR#3 OR#4 OR#5
 AGR#1 AGR#2 AGR#3 AGR#4 (circle all table 1 items that apply # 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12)
 UGR#1 UGR#2 UGR#3 UGR#4 UGR#5 UGR#6 UGR#7

Stormwater Management Design Documents Attached (see application instructions): Yes No

SIGNATURE

In making this Application, I certify that I am the property owner or their duly authorized representative and that the proposed system will be constructed and maintained in accordance with the ordinances, rules, and regulations of the Town of Clear Lake Stormwater Management Utility and all applicable County, State, and Federal Regulations. I have also attached all required supplemental data to this application as required by the Town of Clear Lake.

Applicant

Date

Town Superintendent
Application Approval _____

Date _____

Town Zoning Administrator
Application Approval _____

Date _____

Town Council
Application Approval _____
Town Council President

Date _____

Application Fee Paid _____
Clerk Treasurer *Date*

Tap Fee Paid _____
Clerk Treasurer *Date*

Inspection Fee Paid _____
Clerk Treasurer *Date*

Application # _____

COMMENTS

Application Instructions:

The owner of the property requesting to be connected, or the Owner's Registered Contractor acting as agent, may prepare and submit the Application For New Stormwater Management System Connection form (provided by the Town Superintendent) and pay the Application, Inspection and Tap fees.

Attachments to be included: The applicant shall attach the following supplemental information to the application:

- Copy of property Deed verifying ownership.
- Statement of Lot's Undue Hardship with Town's Superintendent and Zoning Administrator Approval (Note this shall be used as the qualifying basis for hearing the application and requires the Town's Zoning Administrator and Superintendent approval)
- Final Approval: Above Ground Only (Town Superintendent & Zoning Administrator), Underground and Elements of Both (Town Superintendent, Zoning Administrator and Town Council)
- Detailed Plot Plan depicting the residence/building with a detailed layout of major design elements (stormwater flow, layout of major design elements (stormwater flow, swales, catch basins, underground pipe, location of proposed connection to TOCL Stormwater Management System, pipe type, pipe diameters, % grades, cleanouts, erosion control measures, location of stormwater BMPs used, etc.) of proposed stormwater management system, all other structures (existing or proposed), utility services and any existing easements.

Application fee of \$100

Inspection fee of \$200

Tap fee (if applicable) of \$1000

Definitions/References:

-Undue Hardship (Note this shall be used as the qualifying basis for hearing the application): An unnecessary hardship results when the character of a lot prevents the use (or reasonable use) of the lot as currently zoned. Unnecessary hardship is demonstrated through a series of applied standards:

- The property cannot be used for the purposes permitted in the district.
- The plight is due to unique circumstances peculiar to the property and not to general neighborhood conditions.
- The problem has not been self-created.
- The proposed use is consistent with the intent and purpose of the UDO and the Master Plan.

-Table 1: Reference American Association of State Highway and Transportation Officials’ (AASHTO) A Policy on Geometric Design of Highways and Streets

Overall Design Requirements (OR):

OR #1- Drainage systems must prevent erosion of existing soils, prevent ponding, and convey flow to a suitable outfall location (Attach the erosion and sediment control plan)

OR #3- Drainage along tributary to fish streams must be designed to minimize adverse environmental effects

OR #4- Compliance to TOCL Road Policy Section 3.04 (a), (b), (c), (e), and (i)

- (a) a capacity to manage a 10-year storm (1.91 in/hr) event and dissipate water from roadway surface within 30-minutes
- (b) be durable, easily maintained, retard sedimentation, and retard erosion
- (c) maximize the use of passive swales alongside the road where sufficient Right-of-Way (ROW) exists and minimize use of drains in applications where design constraints leave no other cost-effective solution
- (e) Include filtering elements (see examples below) on all drainage conveyed via pipe directly to the lake
- (i) prevent ponding along roadway from seeping back onto road surface

OR #5- Verification with TOCL Superintendent and Engineering that downstream stormwater system (pipe, etc.) has sufficient capacity for additional stormwater load

Above Ground Discharge Design Requirements (AGR):

AGR #1- Provide splash blocks/paved channels to direct the flow away from the structure

AGR #2- Eliminate safety hazards from ice, ponding, flooding, etc., in pedestrian and vehicular traffic areas.

AGR #3- Culverts and outfalls must have headwalls, end walls, wingwalls, flared or mitered end sections at free outlets and the structure must also be designed to preclude detrimental heave or lateral displacement caused by frost action

AGR #4- Grading for transverse and longitudinal slopes are indicated in Table 1:

Item No.	Item Description	Requirement	Best Practices
1	Longitudinal grades of roadways	Min. 0.3%	Min. 0.5%
2	Transverse grades of roadways	Min. 2.0%	
3	Concrete pavement in parking areas	Min. 1.0%	Min. 1.5% Max. 5%
4	Curb & gutter Valley gutter	Min. 0.3%	Min. 0.5%
5	Bituminous pavement in parking areas	Min. 1.5%	Min. 2.0% Max. 5.0%
6	Permeable pavements in parking areas	Min. 1.0%	Max. 5.0%
7	Walks, transverse	Max. 2.0%	
8	Walks, longitudinal		Max. 5.0%
9	Concrete landings	Max. 2.0%	
10.	Paved concrete ditches, longitudinal	Min. 0.3%	
11	Unpaved ditches, longitudinal	Min. 0.5%	
12	Pervious surfaces (grass/turf/landscape)*	Min. 2.0%	

Table 1

Underground Discharge Design Requirements (UDR):

UDR #1- Provide an air-break between the downspouts and underground piping

UDR #2- Size underground piping in accordance with the latest edition of the International Plumbing Code (IPC) or a minimum of 6 inches (150 mm) interior diameter, whichever is greater.

UDR #3- No more than three downspouts shall be collected in a single outlet before connecting to a storm drainage structure

UDR #4- Length of pipe from the most distant downspout to a drainage structure shall not exceed 150 feet

UDR #5- Provide a cleanout for each downspout connection and collection header; provide distances between cleanouts not greater than 100 feet; and provide cleanouts at changes in direction.

UDR #6- Provide minimum cover for all pipes is 16”

UDR #7- Design shall have a minimum flow rate of 2 feet/sec full flow velocity (typical slope of 0.2 percent) (Note, the pipe size must not decrease downstream in the direction of flow)