UPPER BRUSHY CREEK WATER CONTROL & IMPROVEMENT DISTRICT

Permit for Activity within a District Easement

PERMIT APPLICATION

GENERAL INFORMATION		
Application Date:		
Development Name:		
UBCWCID Dam Associated with Development:		
Applicant Information:		
Name:	Email:	Phone:
Address:		
City:	State:	Zip Code:
Agent / Principal Contact Information (if applicable):		
Name:	Email:	Phone:
Address:		
City:	State:	Zip Code:
Type of Application: ☐ Construction within Structure Easement *(Select all that apply)* ☐ Construction within Inundation Easement		
Fee Amount:		
Description of the proposed construction or development activity to occur within the structure / inundation easement area:		

CUT AND FILL ACTIVITY			
Vertical Zone of Flood Control Structure	*Total Cut (Cubic Yards)*	*Total Fill (Cubic Yards)*	*N/A*
SEDIMENT POOL - Below Principal Spillway Crest *(for information only)*			☐
FLOOD POOL - Principal Spillway Crest to Inundation Easement Elevation			☐
MAXIMUM STORAGE ZONE – Inundation Easement Elevation to Top of Dam *(for information only)*			☐
RUNOFF VOLUME			
Added undetained runoff volume associated with permitted development *(if applicable)*			☐

DRAINAGE STUDY (IF REQUIRED)	
Purpose of Study (conceptual design, permitting only, final design):	
Which City/County Criteria was Used for Design:	
Effective Hydrologic Model Source:	
Hydrologic Model Version(s) Used:	
APPLICANT SIGNATURE	
Signature of Applicant or Agent:	Date

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SUBMITTAL CHECKLIST

The following are required to submit with Applications for Permits for Activity within a District Easement:

GENERAL INFORMATION	Yes	No	N/A	Comments
Permit Application Form (Original, one hard copy, and one electronic copy)	☐	☐	☐	
Design Phase Fee matching development size (see District Fee Schedule)	☐	☐	☐	
Map identifying the general area of the proposed construction and showing the District's Structure Easement (approximate boundary), Inundation Easement (boundary based on easement elevation contour).	☐	☐	☐	
Copy of the existing plat(s) of the property	☐	☐	☐	
Copy of the proposed plat(s)	☐	☐	☐	
Development Plans which include any construction within and adjacent to the District's Structure and/or Inundation Easements	☐	☐	☐	
Cross-sections and cut/fill calculations for all proposed earthwork within and adjacent to the District's Structure and/or Inundation Easements	☐	☐	☐	
Copy of any submitted and/or approved City or County Floodplain Development Permit Application for any proposed construction work within the District's easements which is also in or adjacent to a designated floodplain	☐	☐	☐	
Copy of any additional drainage studies or requirements that are made a part of the City or County permitting process	☐	☐	☐	
Any additional engineering study necessary to prove adherence to Special Inundation Easement Requirements	☐	☐	☐	
A proposed schedule indicating a start date and a completion date of the proposed construction work, including any milestones of the plat or development plan.	☐	☐	☐	
DRAINAGE STUDY (IF REQUIRED)	Yes	No	N/A	Comments
Drainage Study which documents the impact of the proposed development to the dam's flood storage (the latest hydrologic model may be obtained from the District for use in the study).	☐	☐	☐	
Digital copy of the hydrologic model	☐	☐	☐	
Report text documents the source and date of data used in the models	☐	☐	☐	
Stage-Storage-Discharge for Dam (current data may be obtained from the District for use in the study) • SSD included in pre-project model matches District's effective information • SSD included in project model reflects proposed conditions	☐	☐	☐	
Existing Conditions Drainage Area Map • Drainage area of proposed site in its existing state (and existing land use conditions) with outlet point equal to discharge point of the site • Drainage area of proposed site separated from the overall drainage basin • Time of concentration paths shown for all applicable drainage areas	☐	☐	☐	
Proposed Conditions Drainage Area Map (with same information as above)	☐	☐	☐	

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SUBMITTAL CHECKLIST - continued

DRAINAGE STUDY (IF REQUIRED) CONTINUED	Yes	No	N/A	Comments
Hydrologic Calculations • Existing and Proposed Conditions: o Time of concentration, curve number, rainfall data and duration o Soils map and Land Use map	☐	☐	☐	
Hydrologic Results • Existing and Proposed Conditions o 2-, 10-, 25-, and 100-year flood events in tabular form o Including peak inflow, outflow, reservoir stage, and reservoir storage • Hydrologic model results in the modeling software's output tables	☐	☐	☐	
Signed and Sealed by a Professional Engineer	☐	☐	☐	