INFORMATION SHEET: PROPOSED NEW CONSTRUCTION, MODIFICATION, REPAIR, ALTERATION, OR REMOVAL OF A DAM

(PLEASE PRINT OR TYPE)

Reference 30 Texas Administrative Code, Chapter 299, Dams and Reservoirs

PLEASE CHECK ONE: □ New □ Modification □ Repair ☑ Removal □ Alteration

SECTION 1: OWNER INFORMATION

Owner's Name  City of San Marcos  Title  
Organization  City of San Marcos

I have authorized the submittal of the final construction plans and specifications to the TCEQ Dam Safety Program according to 30 TAC Chapter 299.

(Signature of Owner)  
(Date) 05/03/2016

Owner's Address  630 E Hopkins Street
City  San Marcos  State  TX  Zip Code  78666
Phone Number (512 ) 393-8100  Emergency Contact Phone ( )
Fax Number ( )
E-mail  jmiller@sanmarcostx.gov

Owner Code (Please check one):  □ Federal (F)  ☑ Local Government (L)  □ Utility (U)  □ Private (P)  □ State (S)
□ Other (O) please specify:

Dam and Reservoir Use (Please check one):  □ Augmentation  □ Diversion  □ Domestic  □ Erosion Control
□ Evaporation  □ Flood Control  □ Fish  □ Hydroelectric  □ Industrial
□ Irrigation  □ Mining  □ Municipal  □ Pollution Control  □ Recreation  □ Stock Water
□ Settling Ponds  □ Tailings  □ Waste Disposal  □ Other, please specify:

Engineering Firm  USFWS
Project Engineer  Wayne Stancill  Texas P.E. License Number  WY PE 15287
Engineering Firm Address  420 S. Garfield Ave Ste 400
City  Pierre  State  SD  Zip Code  57501
Phone (605 ) 224-8693  Fax ( )
E-mail  wayne_stancill@fws.gov

SECTION 2: GENERAL INFORMATION

Name of Dam  Cape's Dam
Other Name(s) of Dam  Thompson Island Dam
Reservoir Name  N/A
Location  San Marcos, TX  Latitude  29.8728  Longitude  -97.9318
County  Hays  Stream Name  San Marcos River
River Basin  Guadalupe  Topographic Map No.  N/A
Distance and Direction from Nearest City or Town  In San Marcos, TX
TX Number  N/A  Water Rights Number  N/A

If you have questions on how to fill out this form or about the Dam Safety Program, please contact us at 512-239-5195. Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512-239-3282.
SECTION 3: INFORMATION ON DAM

Classification
Size Classification: □ Large □ Medium □ Small
Hazard Classification: □ High □ Significant □ Low
Number of People at Risk N/A Study Year N/A

Type of Dam: □ Concrete □ Gravity □ Earthenfill □ Rockfill □ Masonry □ Other (specify) ________________________

Dam Structure (dimensions to nearest tenth of foot, volume to nearest acre-foot or cubic yard, areas to nearest acre):
Spillway Height 3.7 ft (natural surface of ground to bottom of emergency spillway at longitudinal centerline)
Embankment Height 3.7 ft (natural surface of ground to crest of dam at centerline)
Structural Height 3.7 ft (bottom of cutoff trench to crest of dam at centerline)
Length of Dam 105 ft Crest Width N/A ft
Normal Pool Elevation 3.7 ft-MSL Principal Spillway Elevation N/A ft-MSL
Emergency Spillway Elevation N/A ft-MSL Top of Dam Elevation N/A ft-MSL
Embankment Volume N/A cu yd
Maximum Impoundment Capacity 3 ac-ft (at top of dam)
Normal Reservoir Capacity N/A ac-ft (at normal or conservation pool)
Reservoir Surface Area 0.5 acres (at normal or conservation pool)

Outlet
Outlet Diameter: N/A in □ ft (check one)
Type: N/A

Principal Spillway
Type: □ Natural □ Riprap □ Concrete □ CMP □ RCP □ Other
Width (Diam.): 105 ft Capacity: N/A cfs

Emergency Spillway
Type: □ Natural □ Riprap □ Concrete □ CMP □ RCP □ Other
Width (Diam.): N/A ft Capacity: N/A cfs
Total Spillway Capacity: N/A cfs (crest of the dam)

SECTION 4: HYDROLOGIC INFORMATION

Required Hydrologic Criteria (% PMF) N/A % PMF Passing N/A
PMF Study Year N/A
Drainage Area: N/A acres, or N/A sq mi
Curve Number (AMC III condition) N/A
Time of Concentration N/A hr
Peak Discharge N/A cfs
Peak Stage N/A ft-MSL
Storm Duration Causing Peak Stage N/A hr