

SECTION 3: INFORMATION ON DAM

Classification

Size Classification: ☐ Large ☐ Intermediate ☐ Small

Hazard Classification: ☐ High ☐ Significant ☐ Low

Study Year: _____

Type of Dam: ☐ Earthen ☐ Concrete ☐ Gravity ☐ Rockfill ☐ Masonry ☐ Other (specify): _____

Dam Structure (dimensions to nearest tenth of foot, volume to nearest acre-foot or cubic yard, areas to nearest acre):

Height of Dam (ft): _____ *(effective crest to lowest point of original streambed)*

Structural Height of Dam (ft): _____ *(effective crest to lowest structural point of the dam)*

Length of Dam (ft): _____ Crest Width (ft): _____

Normal Pool (ft-msl): _____ Service Spillway (ft-msl): _____

Emergency Spillway (ft-msl): _____ Effective Top of Dam (ft-msl): _____

Downstream Toe (ft-msl): _____ Embankment Volume (cubic yard): _____

Maximum Reservoir Capacity (ac-ft): _____ Normal Reservoir Capacity (ac-ft): _____

Normal Pool Surface Area (ac): _____

Total Spillway Capacity (cfs): _____ *(at the effective crest of the dam)*

Outlet (Drain and/or Low Flow)

Outlet Effective Diameter: _____ ☐ in ☐ ft

Type: _____

Service Spillway

Type: ☐ Open Channel ☐ Overflow Structure ☐ Drop Inlet ☐ Gate ☐ Siphon ☐ Conduit ☐ Other (specify): _____

Width/Diameter (ft): _____ Capacity (cfs): _____

Emergency Spillway

Type: ☐ Open Channel ☐ Overflow Structure ☐ Drop Inlet ☐ Gate ☐ Siphon ☐ Conduit ☐ Other (specify): _____

Width/Diameter (ft): _____ Capacity (cfs): _____

SECTION 4: HYDROLOGIC INFORMATION

Required Hydrologic Criteria (% PMF): _____ PMF Passing (%): _____

PMF Study Year: _____ Drainage Area (ac): _____ ☐ square miles ☐ acres

ARC III CN Number (if needed): _____ Time of Concentration (min): _____

Design Storm Peak Discharge (cfs): _____ Design Storm Peak Stage (ft-msl): _____

Design Storm Duration (hr): _____

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.