

**COLORADO**

Division of Water Resources

Department of Natural Resources

dwr.colorado.gov P 303.866.3581

NON-JURISDICTIONAL WATER IMPOUNDMENT STRUCTURE¹

This notice is required per Section 37-87-125, C.R.S. (1998) and must be submitted to the Division Engineer's Office a minimum of 45 days prior to construction.

OWNER INFORMATION

Name: Falcon Fire Protection District Telephone/E-Mail: (719) 495-4050 / tharwig@falconfirepd.org
 Address: 7030 Old Meridian Road Peyton CO 80831
 Street / P.O. Box/ Rural Route City State Zip Code
 Responsible Person: Chief Trent Harwig Telephone/E-Mail: () (same) /
 Address: (same as above)
 Street / P.O. Box/ Rural Route City State Zip Code
 Contractor: Hammers Construction Telephone/E-Mail: (719) 570-1599 / JButler@hammersconstruction.com

STRUCTURE INFORMATION

Name of Dam: Detection Pond A Water Division: _____ Water District: _____

Location: (Provide Section, Township, Range, and GPS Point taken at crest of dam above streamline/outlet)

- Section: 7, Township: 13S, Range: 64W, 6th P.M.
 - Northing 4138°55'58" meters, Easting Long 104°36'36" meters (Datum should be UTM, NAD 83)

Dam Dimensions:

- Vertical Height²: 4.0 ft., Length: 120 ft., Crest Width: 12 ft., Slopes: U/S: 3 (H:1V), D/S: 3 (H:1V)

Reservoir:

- Surface Area¹: 0.2 acres, Capacity¹: 0.4 acre-feet, Drainage Area*: 2.84 acres
 *(If drainage area is unknown leave blank and a spillway size will be assigned):

Emergency Spillway: (See Table 1, Spillway Sizing Guidelines)

- Bottom Width: 2 ft., Side Slopes: 4 H:1V, Freeboard³: 2 ft

Outlet Conduit Type: HAF Pipe, Size: 12 inches, Location: SE Face of Embankment

Stream Name or Water Source⁴: Falcon Drainage Basin Proposed Water Use: Stormwater Detection

Water Court Case or WDID : _____
 (Water District Identification Number)

[Signature] Engineer 9/18/20
 Signature of Owner Date

Office Use Only**DIVISION ENGINEER'S REQUIREMENTS:****Dam I.D.**

Signature of Division Engineer

Date

¹ A "Non-Jurisdictional Structure" is a dam creating a reservoir with a capacity of 100 acre-feet or less and a surface area of 20 acres or less and a vertical height (footnote 2) of 10 feet or less. Non-jurisdictional size dams are regulated and subject to the authority of the State Engineer consistent with sections 37-87-102 and 37-87-105 C.R.S.

² "Vertical Height" is measured from the elevation of the lowest point of the natural surface of the ground or the invert of the outlet conduit (whichever is lower) where that point occurs along the longitudinal centerline of the dam up to the crest of the emergency spillway of the dam.

³ "Freeboard" is the vertical distance from the bottom of spillway to the crest of the dam. Minimum Freeboard is 3 feet.

⁴ If construction in reservoir intercepts groundwater, a well permit is required. (Well permit applications can be found at dwr.colorado.gov)