



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: The O'Neil Group Telephone/E-Mail: (719) 445-5050 / info@theoneilgroup.com
Address PO Box 1385 Colorado Springs CO 80901-1385
Street / P.O. Box/ Rural Route City State Zip Code
Responsible Person: Kevin O'Neil Telephone/E-Mail: (719) 445-5050 / info@theoneilgroup.com
Address: PO Box 1385 Colorado Springs CO 80901-1385
Street / P.O. Box/ Rural Route City State Zip Code
Contractor: TBD Telephone/E-Mail: () /

STRUCTURE INFORMATION

Name of Dam: Private Sand Filter Basin "A" Water Division: 2 Water District: 10

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

- Section: 33, Township: 13 S, Range: 63, W P.M.

- Northing 4302540.64283 meters, Easting 546990.39094 meters (Datum should be UTM, NAD 83)

Dam Dimensions:

- Vertical Height²: 3 ft., Length: 533 ft., Crest Width: 12 ft., Slopes: U/S: 4 (H:1V), D/S 4 (H:1V)

Reservoir:

- Surface Area¹: 0.478 acres, Capacity¹: 1.542 acre-feet, Drainage Area*: 23.65 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: 20 ft., Side Slopes: 4:1 H:1V, Freeboard³: 1.5 ft

Outlet Conduit Type: Reinforced Concrete Pipe, Size: 18" inches, Location: El Paso County

Stream Name or Water Source⁴: Upper Black Squirrel Creek Proposed Water Use: NA (SFB/EDB Treatment)

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


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)