



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: Tim Emick Telephone/E-Mail: (719) 499-1291 / TEMICK@TIMBERLINELANDSCAPING.COM
 Address: 8110 OPPORTUNITY VIEW Colorado Springs CO 80939
 Street / P.O. Box/ Rural Route City State Zip Code
 Responsible Person: TIM EMICK Telephone/E-Mail: () SAME /
 Address: SAME
 Street / P.O. Box/ Rural Route City State Zip Code
 Contractor: SAME Telephone/E-Mail: () /

STRUCTURE INFORMATION

Name of Dam: DWIRE STORAGE YARD Water Division: 2 Water District: CS

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

- Section: 28, Township: 13 SOUTH, Range: 65 WEST P.M.
 - Northing 527860 meters, Easting 4304006 meters (Datum should be UTM, NAD 83)

Dam Dimensions:

- Vertical Height²: 5.08 ft., Length: 85 ft., Crest Width: 17 ft., Slopes: U/S: 4:1 (H:1V), D/S 4:1 (H:1V)

Reservoir:

- Surface Area¹: 0.7 acres, Capacity¹: 1.619 acre-feet, Drainage Area*: 19.362 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: 15' ft., Side Slopes: 4:1 H:1V, Freeboard³: 0.95 ft

Outlet Conduit Type: RCP, Size: 24" inches, Location: WESTSIDE

Stream Name or Water Source⁴: SAND CREEK E. TRIB Proposed Water Use: STORMWATER

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

Signature of Owner

Date

Office Use Only

DIVISION ENGINEER'S REQUIREMENTS:

Bill W. Syner

January 31, 2020

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 www.water.state.co.us)



COLORADO
Division of Water Resources
Department of Natural Resources
Water Division 2 - Main Office

January 31, 2020

Tim Emick
8110 Opportunity View
Colorado Springs, CO 80939

Via Email temick@timberlinelandscaping.com

When replying, please refer to:
**DWIRE Storage Yard DAM Non-Jurisdictional
Water Division 2 Water District 10**

SUBJECT: Signed Notice of Intent to Construct a Non-Jurisdictional Water Impoundment Structure

Dear Mr. Emick:

Our office is in receipt of a Notice of Intent (NOI) to Construct a Non-Jurisdictional Water Impoundment Structure for the subject dam. The impoundments are to be located adjacent to East Fork of Sand Creek tributary to Fountain Creek, with the filling source to be Stormwater for Temporary Detention.

In accordance with Rule 11.1 of the Colorado Rules and Regulations for Dam Safety and Dam Construction, the hazard of this dam has been assessed as Low based on the construction drawing plans submitted with the NOI. A copy of the signed NOI is attached. An electronic copy will be maintained with the Division of Water Resources.

Please note the following:

- Location information has been corrected on your submission.
- This structure must be designed and constructed to standards outlined in 37-92-602(8) for stormwater detention facilities.
- Because this structure is located on a tributary to Fountain Creek, the structure can only operate pursuant a Colorado Discharge Permit System Municipal, Separate Storm Sewer System Permit issued by the Department of Public Health and Environment Pursuant to Article 8 of Title 25, C.R.S.
- In the event groundwater is encountered during construction of the pond, the pond must be backfilled so as not to expose groundwater until such time as: 1) a well permit has been obtained for the groundwater pond pursuant to CRS §37-90-137, or 2) the pond is lined in accordance with the document, "[State Engineer Guidelines for Lining Criteria for Gravel Pits,](#)" dated August 1999.



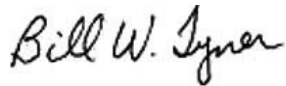
The requirements and recommendations provided herein are based on our review of the safety and water administration aspects of the proposed dam and the information provided in the submitted NOI. These requirements and recommendations create no liability for the State of Colorado should the dam fail for any reason. Please be aware that it is in the owner's best interest to construct, operate, and maintain the structure in a safe manner, as he or she may be held liable in civil court for any downstream damages resulting from failure of the dam. A copy of Specifications for Construction of Non-Jurisdictional Dams is provided to assist you in the construction of a sound structure.

Finally, please be aware of any other permitting or regulatory requirements associated with the construction of a water impoundment structure, including but not limited to county and/or municipal regulations and wetland permitting through the U.S. Army Corps of Engineers (see www.usace.army.mil for regional contact information).

The plans reviewed in this determination are submitted as part of the Developmental Approval process. Prior to the operation of this structure, please provide notice of completion of construction and as-constructed plans in PDF form including as constructed Stormwater Detention and Infiltration Data Sheet. Additionally, prior to the operation of this structure, notice must be provided pursuant to 37-92-602(8)(d) to the substitute water supply plan notification list maintained by the state engineer pursuant to section 37-92-308 (6) for the water division in which the facility is located.

If you have any questions regarding this approval, please contact Water Commissioner, Doug Hollister, at (719) 227-5291 or via email to doug.hollister@state.co.us, or Dam Safety Engineer, John Hunyadi, at (719)-227-5294, or via email to john.hunyadi@state.co.us,

Sincerely,



Bill W. Tyner, P.E.
Division Engineer, Division 2

Enc: Signed Notice of Intent to Construct a Non-Jurisdictional Water
Impoundment Structure
Specifications for Construction of Non-Jurisdictional Dams
Completion of Construction Form

ec: John Hunyadi, P.E., Dam Safety Engineer
Doug Hollister, District 10 Water Commissioner

Laserfiche File



COLORADO
Division of Water Resources
Department of Natural Resources

COMPLETION OF CONSTRUCTION

DAM ID. _____

Upon the completion of the DWIRE Storage Yard DAM, Subject of the Notice of Intent to Construct a Non-Jurisdictional Dam under the Receipt above, location in Sec. 28 _____ Twp. 13 S _____ Rng. 65 W _____; UTM NAD83 , Northing 4304006, Easting 527860.

Indicate in the blank at the bottom of this form, the date of completion of construction and return to:

Colorado Division of Water Resources
Division 2
310 East Abriendo Ave, Suite B
Pueblo, CO 81004

Date of Completion: _____

Signature of Owner Date

