



COLORADO

Division of Water Resources

Department of Natural Resources

www.water.state.co.us 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: TIM EMICK Telephone/E-Mail: (719) 499-1291 TEMICK@TIMBERLINE LANDSCAPING.COM
Address: 8110 OPPORTUNITY VIEW COLORADO SPRINGS CO LANDSCAPING.COM
Responsible Person: TIM EMICK Telephone/E-Mail: () SAME /
Address: SAME
Contractor: SAME Telephone/E-Mail: () /

STRUCTURE INFORMATION

Name of Dam: TIMBERLINE 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: Township: Range: P.M.
- Northing 38-52-50N meters, Easting 104-40-31W meters (Datum should be UTM, NAD 83)

Dam Dimensions: Northing 4305005 Easting 528181

- Vertical Height²: 8 ft., Length: 200 ft., Crest Width: 24 ft., Slopes: U/S: 4:1 (H:1V), D/S 4:1 (H:1V)

Reservoir:

- Surface Area¹: 0.93 acres, Capacity¹: 3.3 acre-feet, Drainage Area*: 60 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: 72.5 ft., Side Slopes: 10:1 H:1V, Freeboard³: 1.7 ft

Outlet Conduit Type: RCP Size: 42 inches, Location: SOUTH SIDE

Stream Name or Water Source⁴: SAND CRK E. Trib. Proposed Water Use: STORMWATER

Water Court Case or WVID : (Water District Identification Number)

Signature of Owner [Signature] Date 11/21/2019

Office Use Only

DIVISION ENGINEER'S REQUIREMENTS:
Signature of Division Engineer: Bill W. Syner Date: January 9, 2020
Dam I.D. 100538

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)



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

January 9, 2020

Mr. Tim Emick
8110 Oportunity View
Colorado Springs, CO 80939

Via email temick@timberlinelandscaping.com

When replying, please refer to:
Timberline Storage Yard Pond 1 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 impoundment is to be located adjacent to a tributary 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:

- The location information you provided is not in the correct datum and is actually UTM 13S 528181E 4304005 N
- 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.

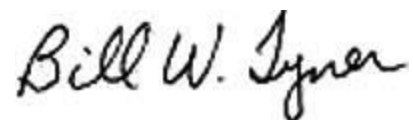
The requirements and recommendations provided herein are based on our review of the safety and water administration aspects of the proposed dam and the information provided in the submitted NOI. These requirements and recommendations create no liability for the State of Colorado should the dam fail for 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

