

### STORMWATER MAINTENANCE REPORT

OWNER/DEVELOPER:

PREPARED BY: EverGreen Site Solutions

141 New Shackle Island Rd | Ste 300 Hendersonville | Tennessee | 37075 TEL: 615.633.1353 | evergreensitesolutions.com



DATE:

## SUMMARY



#### **SUMMARY**

Tap Root Hills is a subdivision that is managed by Community Management Associates. The primary parcel contains stormwater control measures (SCM) and can be located on Willamson County's GIS under the 080K Parcel Series. The parcel contains several acres and is comprised of a mix of impervious and pervious surfaces.

For the purposes of this report, it is assumed that the original design of the green infrastructure practices was designed and constructed in accordance with the City of Franklin's Stormwater Ordinance as is evident by the issuance of appropriate permits both at the conclusion and during the time of construction. This report is meant to indicate the maintenance that was performed. It is not a statement as to the accuracy of the original design and construction of those green infrastructure practices.

The stormwater control measures that is employed on this site are 5 bio retention ponds and a natural swale. Below is an illustration of the site with the SCM's where maintenance occurred labeled accordingly. Maintenance occurred at one bio retention pond and the natural swale.



EverGreen performed the following maintenance work.

#### Scope of Work

- Removal of weeds and tilling of bio soil in the bio pond

- Installation of 2-4" river rock at the wet spot in the bio pond. This area is approximately 10' x 10'

- Reforming the riprap berm on the NE side of the bio pond using the existing riprap

- Adding topsoil and regrading the low spot in the berm of the grass swale leading to the bio pond. This low spot is approximately 140 linear feet in length. The berm was stabilized with grass seed and an erosion control blanket

Additional Notes:

- Elevations of the swale berm and riprap berm will be confirmed onsite using survey equipment, to meet the required elevations.

- Evergreen will require access to the grass swale with equipment via the south end of the swale, located adjacent to the east side of the house at 7013 Farmhouse Dr.

# **GIP MAINTENANCE**





### PICTURES

#### Van Oldham, P.E.

Phone: 615.633.1353 | Email: van.oldham@evergreensitesolutions.com







Natural Swale - Before Maintenance







![](_page_7_Picture_4.jpeg)

Natural Swale - Before Maintenance

![](_page_8_Picture_0.jpeg)

![](_page_8_Picture_2.jpeg)

![](_page_8_Picture_3.jpeg)

Natural Swale - Before Maintenance

![](_page_9_Picture_0.jpeg)

![](_page_9_Picture_1.jpeg)

![](_page_9_Picture_2.jpeg)

![](_page_9_Picture_3.jpeg)

![](_page_9_Picture_4.jpeg)

Bio Pond - Before Maintenance

![](_page_10_Picture_0.jpeg)

![](_page_10_Picture_1.jpeg)

![](_page_10_Picture_2.jpeg)

![](_page_10_Picture_3.jpeg)

Natural Swale - After Maintenance

![](_page_11_Picture_1.jpeg)

![](_page_11_Picture_2.jpeg)

![](_page_11_Picture_3.jpeg)

Natural Swale - After Maintenance

![](_page_12_Picture_0.jpeg)

![](_page_12_Picture_1.jpeg)

![](_page_12_Picture_2.jpeg)

![](_page_12_Picture_3.jpeg)

![](_page_12_Picture_4.jpeg)

![](_page_12_Picture_5.jpeg)

![](_page_12_Picture_6.jpeg)

8

![](_page_13_Picture_0.jpeg)

![](_page_13_Picture_1.jpeg)

![](_page_13_Picture_2.jpeg)

Bio Pond - During and After Maintenance

![](_page_13_Picture_4.jpeg)

![](_page_13_Picture_5.jpeg)

![](_page_13_Picture_6.jpeg)

![](_page_14_Picture_0.jpeg)

![](_page_14_Picture_1.jpeg)

![](_page_14_Picture_2.jpeg)

Bio Pond - During Maintenance

![](_page_15_Picture_0.jpeg)

![](_page_15_Picture_2.jpeg)

![](_page_15_Picture_3.jpeg)

![](_page_15_Picture_4.jpeg)

![](_page_16_Picture_0.jpeg)

Van Oldham, P.E. 615.633.1353 info@evergreensitesolutions.com evergreensitesolutions.com