



# STORMWATER MAINTENANCE REPORT

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OWNER/DEVELOPER:

PREPARED BY:

**EverGreen Site Solutions**

141 New Shackle Island Rd | Ste 300  
Hendersonville | Tennessee | 37075

TEL: 615.633.1353 | evergreensitesolutions.com



DATE:

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# SUMMARY

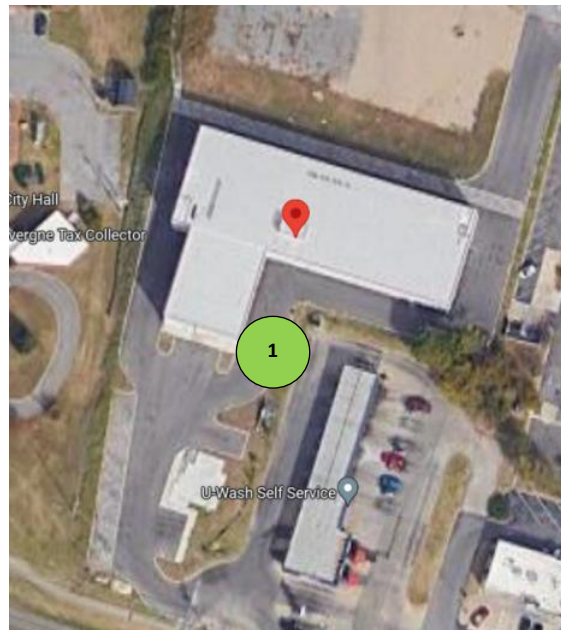
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## SUMMARY

5095 Murfreesboro Rd is a commercial construction site. The facility under construction by Sunbelt Construction company. The primary parcel that contains green infrastructure practices (GIP) is Parcel #015-002.12-000. The parcel contains 1.63 acres with a relative mix of pervious and impervious 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 La Vergne's Stormwater Ordinance as is evident by the issuance of appropriate construction permits at the time of construction. This report is meant to draw conclusions about the performance of the green infrastructure practices that are currently employed and in use. It is not a statement as to the accuracy of the original design and construction of those green infrastructure practices.

The green infrastructure practice that is employed on the site is permeable pavers. The illustration below shows an overhead view of the facility. The pavers that maintenance was done on are labeled appropriately.



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# GIP MAINTENANCE

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# STORMWATER CONTROL MEASURES INSPECTION

CONSTRUCTION    ACTIVATION    ROUTINE | WEATHER:  DRY    WET    RAIN    RUNOFF

Facility: 5095 Murfreesboro Rd File No: \_\_\_\_\_

Location: 5095 Murfreesboro Rd, La Vergne, TN 37086 Mailing Address: 1034 Searcy Way, Bowling Green, KY 42103

Contact (File): Parker Williams

Phone: (270) 935-9606 Email: pwilliams@sunbeltconstructioninc.com

RECORDS		
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Maintenance Plan on File.		
Logbook on File		
Facility Employs a Maintenance Contractor		

CONTROLS OBSERVED (QUANTITY)					
Y / N / NA	QUANTITY		Y / N / NA	QUANTITY	
_____	_____	Bioretention	_____	_____	Bio with Underdrain
_____	_____	Channel, Grass	_____	_____	Cistern
_____	_____	Filter Strip	_____	_____	Green Roof
_____	_____	Infiltration Trench	_____	_____	Inlet Filter
<u>Y</u>	<u>1</u>	Paver Blocks	_____	_____	Pervious Concrete
_____	_____	Rain Garden	_____	_____	Sand Filter
_____	_____	Swale	_____	_____	Wetland
_____	_____	Manufactured	_____	_____	BMP cannot be located

MANUFACTURED
<input type="checkbox"/> Swirl
<input type="checkbox"/> High Flow Media
<input type="checkbox"/> Filter Cartridges (No: _____)
<input type="checkbox"/> Swirl Concentrators
<input type="checkbox"/> Manhole (Size: _____)
<input type="checkbox"/> Box (Size: _____)

POND
<input type="checkbox"/> Wet Pond
<input type="checkbox"/> Dry Pond
<input type="checkbox"/> Extended Detention _____
<input type="checkbox"/> Micropool
<input type="checkbox"/> Orifice (Size: _____)
<input type="checkbox"/> Weir (Size: _____)

PROBLEMS OBSERVED	YES
DRAINAGE BYPASSING TREATMENT	
SIGNIFICANT ENGINEERING / DESIGN FLAW	
UNAUTHORIZED MODIFICATIONS	
STANDING WATER / SOGGY SOIL	
INFLOW EROSION / SCOURING	
OUTFLOW EROSION / SCOURING	
EROSION THREATENING STRUCTURES	
POOR VEGETATION COVERAGE	
EXCESSIVE TREE / BUSH GROWTH	
CLOGGED OR OBSTRUCTED INLETS / OUTLETS	
INVASIVE / NUISANCE VEGETATION / WEEDS	
EVIDENCE OF CONTAMINANTS / POLLUTION	
MOSQUITO HABITAT	
SEDIMENT ACCUMULATION	
OUTLET ORIFICE SCREENING NEEDED	
BMP ACCESS OBSTRUCTED	
TRASH / DEBRIS ACCUMULATION / DUMPING	
BROKEN COMPONENTS (PIPE, BOX, ETC)	
POND LEAKAGE (KARST CONDUIT)	
<b>OVERALL GRADE: A</b>	

Additional Notes:  
 EverGreen performed maintenance at at 5095 Murfreesboro Rd. The location had three areas of permeable blocks that were not functioning correctly. EverGreen started by performing routine maintenance of the pavers such as using an air sweeper truck to remove debris. After further testing, it was determined that a the back 3 feet of the parking lot was so bad that a reconstruction in those areas was necessary. EverGreen removed the pavers in place, tested the layer underneath to determine infiltration, removed the open graded stone to a depth of 1.5 feet, and then reconstructed the pavers while also adding back new open graded stone and compacting it every 6 inches.



**EVERGREEN**

S I T E S O L U T I O N S

**MAINTENANCE PICTURES**

Van Oldham, P.E.

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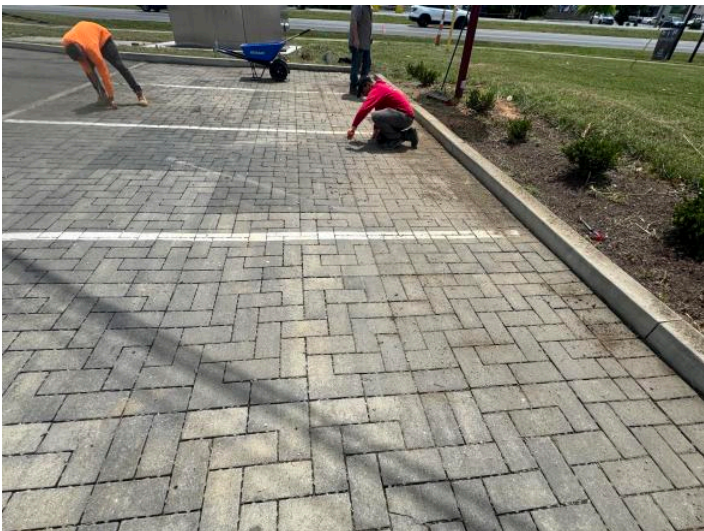
Before



Pavers



During



Pavers



During

Pavers





During

Pavers





After



Pavers

After



Pavers

After



Pavers

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