



STORMWATER NARRATIVE

BASIN A:
BASIN A SHEET FLOWS TO THE LOW POINT ALONG THE PROPERTY- LINE AND CONTINUES TO SEET FLOW INTO GOOSE CREEK SUBDIVISION.

BASIN AREA: 2.7 ACRES
OUTFALL ELEVATION: 734

BASIN B:
BASIN B FLOWS TO TWO WET WEATHER CONVEYANCES TO A SMALL POND. THE POND DISCHARGES INTO A BLUE LINE STREAM THAT RUNS TO THE EAST TO THE PROPERTY BOUNDARY.

BASIN AREA: 419.3 ACRES
OUTFALL ELEVATION: 689

BASIN C:
BASIN C FLOWS TO A STREAM WHICH BECOMES A WET WEATHER CONVEYANCE PRIOR TO ENTERING A SMALL POND. THE WET WEATHER CONVEYANCE CONTINUES FROM THE POND TO THE CONFLUENCE WITH THE BLUE LINE STREAM IN BASIN B.

BASIN AREA: 45.7 ACRES
OUTFALL ELEVATION: 689

BASIN D:
BASIN D SHEETS FLOWS TO A LOW POINT AT THE EAST CORNER OF THE PROPERTY AND CONTINUES INTO THE STREAM VALLEY SUBDIVISION.

BASIN AREA: 4.2 ACRES
OUTFALL ELEVATION: 706

BASIN E:
BASIN E DRAINS TO A WET WEATHER CONVEYANCE INTO A SMALL POND. THE DISCHARGE CONTINUES AS A WET WEATHER CONVEYANCE FROM THE POND TO THE LOW POINT AT LEWISBURG PIKE.

BASIN AREA: 130.5 ACRES
OUTFALL ELEVATION: 751

EXISTING TREE CANOPY

BASED ON AERIAL PHOTOGRAPHS OF THE PROPERTY THE EXISTING TREE CANOPY

TREE CANOPY DATA

TREE AREA	EXISTING
TREE AREA A	291,328 SF
TREE AREA B	109,070 SF
TREE AREA C	1,312,343 SF
TREE AREA D	534,861 SF
TREE AREA E	925,028 SF
TREE HILLTOP AREA	2,225,060 SF
TOTAL	5,417,690 SF

EXISTING TREE CANOPY:
3% OF TOTAL SITE

REQUIRED CANOPY PRESERVATION:
46% OF TOTAL CANOPY = 2,600,491 SF

NOTES:

1. THERE ARE NO FLOODPLAINS EXISTING ON THE SITE BASED ON FEMA MAPS
2. AERIAL PHOTO, PARCEL LINES AND TOPOGRAPHIC INFORMATION PROVIDED BY CITY OF FRANKLIN, GLIS.
3. SITE BOUNDARY CALLS PROVIDED BY WILSON & ASSOCIATES.
4. NO THIRD PARTY MINERAL RIGHTS ARE ASSOCIATED WITH THIS PROPERTY.

