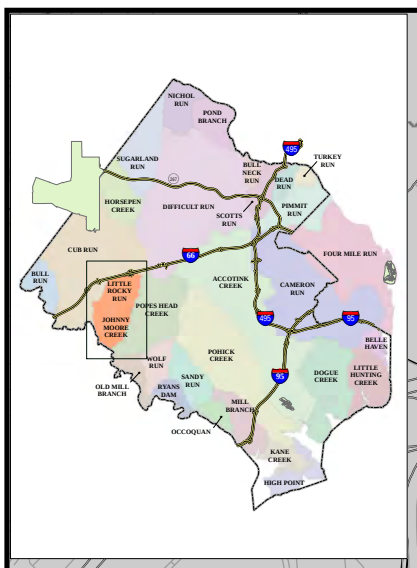
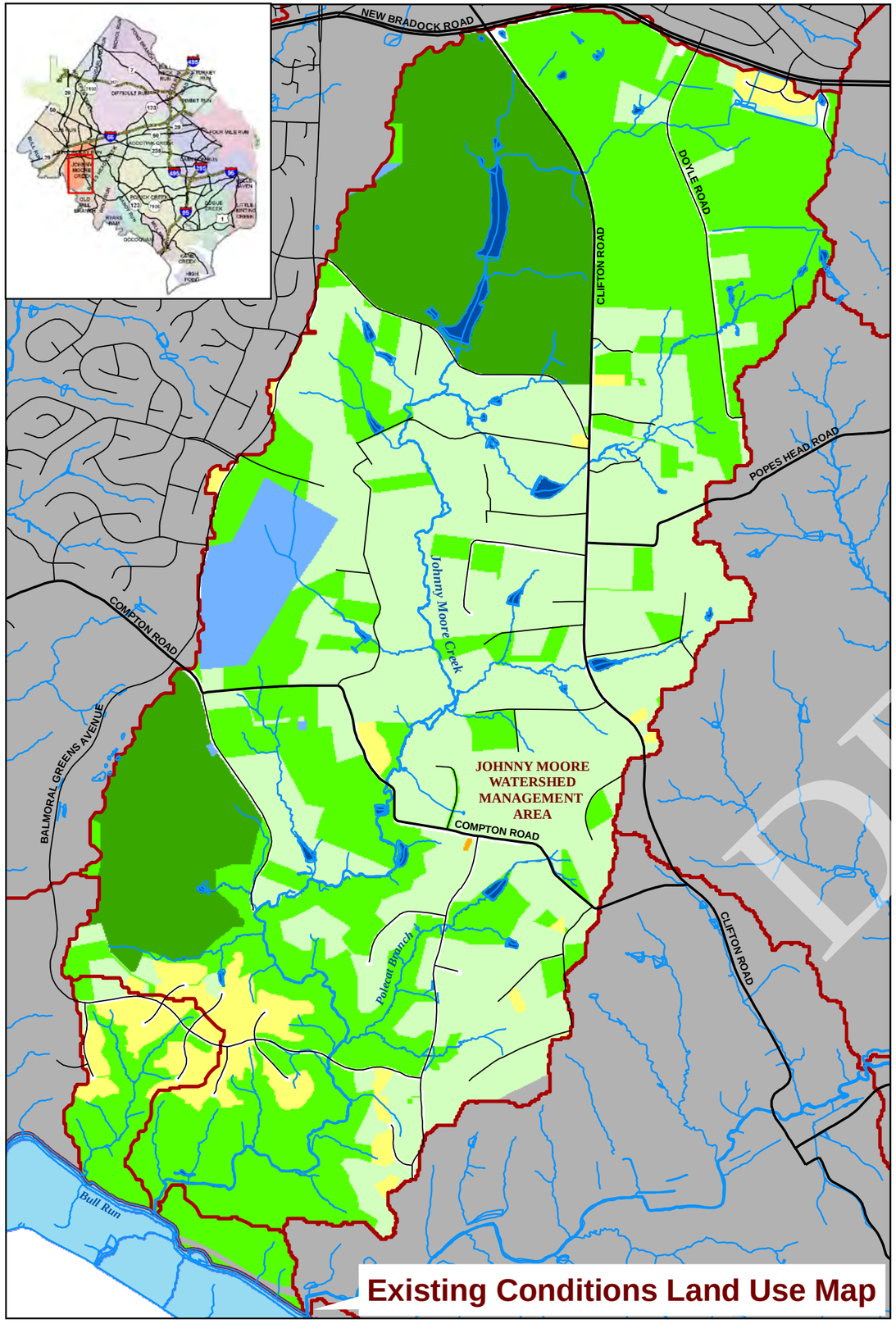


Map 2-1
Little Rocky Run - Johnny Moore Creek Subwatersheds

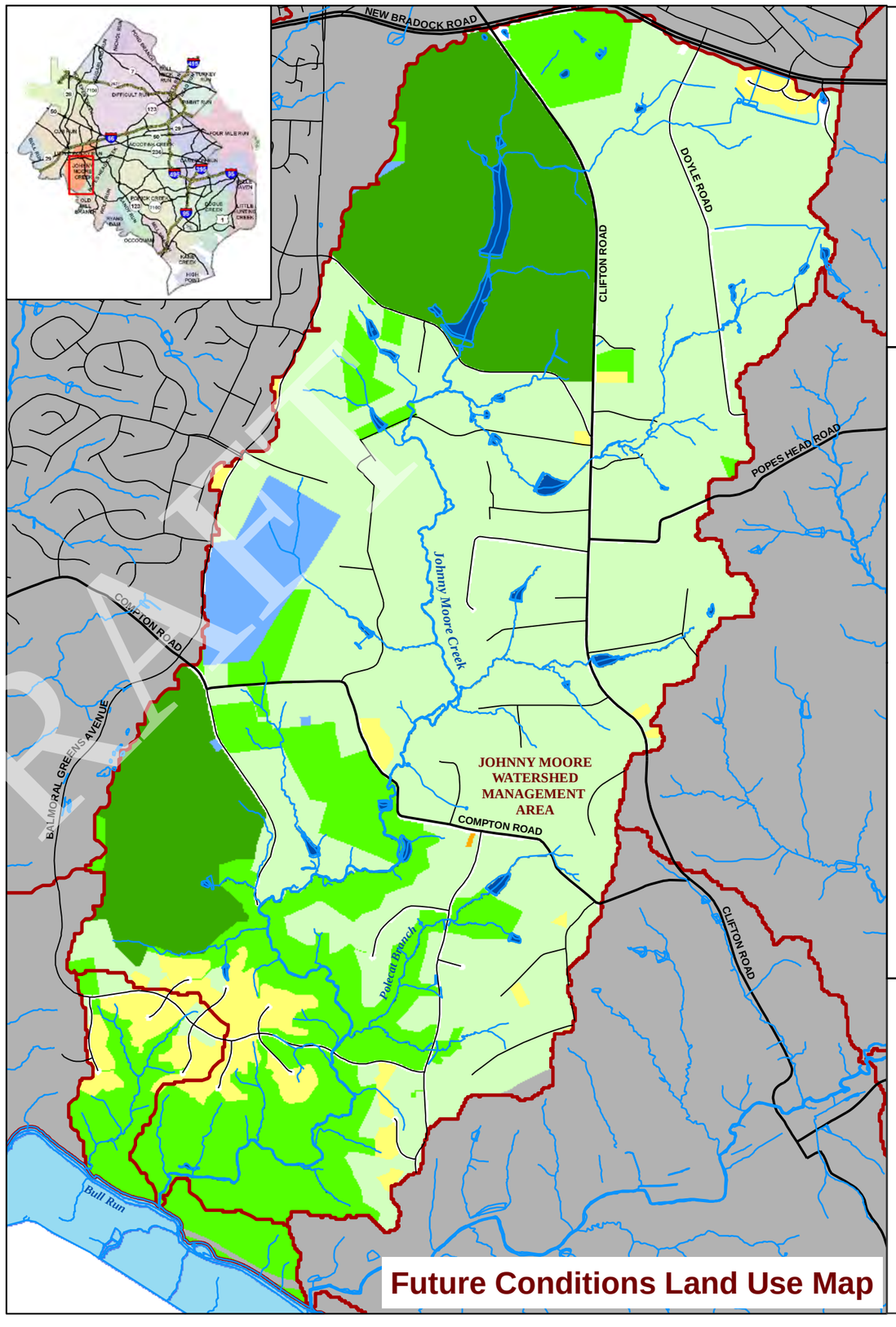
Watershed Management Areas

- Johnny Moore
- Johnny Moore- Bull Run
- Little Rocky Run- Bull Run
- Little Rocky Run- Lower
- Little Rocky Run- Upper

0 5001,000 2,000 Feet



Existing Conditions Land Use Map



Future Conditions Land Use Map

Map 2-2
Existing and Future Land Use Maps

Johnny Moore Creek and Johnny Moore Creek - Bull Run Watershed Management Areas

Legend

- Streams
- Major Roads

Watershed Management Areas

WMA

- Johnny Moore WMAs
- Other WMAS

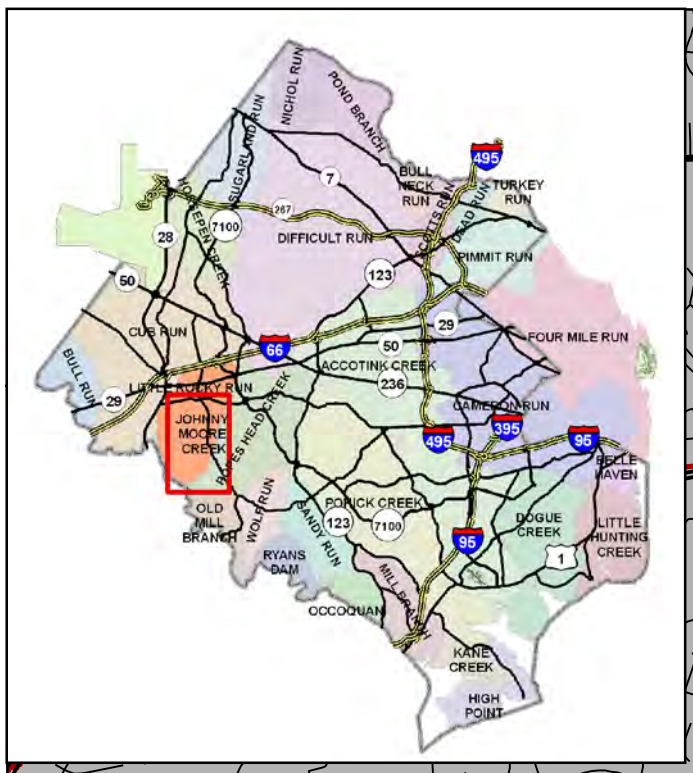
Land Use

- Estate Residential
- Low Density Residential
- Medium Density Residential
- High Density Residential
- Low Intensity Commercial
- High Intensity Commercial
- Industrial
- Institutional
- Golf Course
- Open Space
- Water
- Transportation

N

Scale

0 1,000 2,000 Feet



N

0 1,000 2,000 Feet

Legend

- 303d Listed Streams
- MAJOR_ROADS
- Arterial Streets

WMA

- Johnny Moore WMAs
- Other WMAS
- Drainage Complaints
- Parcels

Type of SWM Facility

- Other BMP
- Dry Pond
- Wet Pond
- Farm Pond
- Unknown
- Storm Drainage Infrastructure
- Streams

Parcel SWM Treatment Type

- Parcel Controlled by Quantity BMP
- Parcel Controlled by Wet Pond (Quality & Quantity
- Parcel Controlled by Dry Pond (Quality & Quantity)
- Parcel Controlled by Quality BMP

Map 2-3

Johnny Moore and Johnny Moore - Bull Run WMAs

Stormwater Infrastructure

Legend

MAJOR_ROADS

WMA

- Other WMAs
- Johnny Moore WMAs

Utility Impact

- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

Obstruction Impact

- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

Ditch Impact

- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

Head Cut Impact

- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

Dump Impact

- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

Pipe Impact

- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

Crossing Impact

- Minor to Moderate
- Moderate to Severe
- Severe to Extreme

Channel Evolution Model Category

- 2
- 3

Habitat Assessment

- Very Poor
- Poor
- Fair
- Good
- Excellent
- Severe to Extreme Erosion
- Streams (No Assessment)

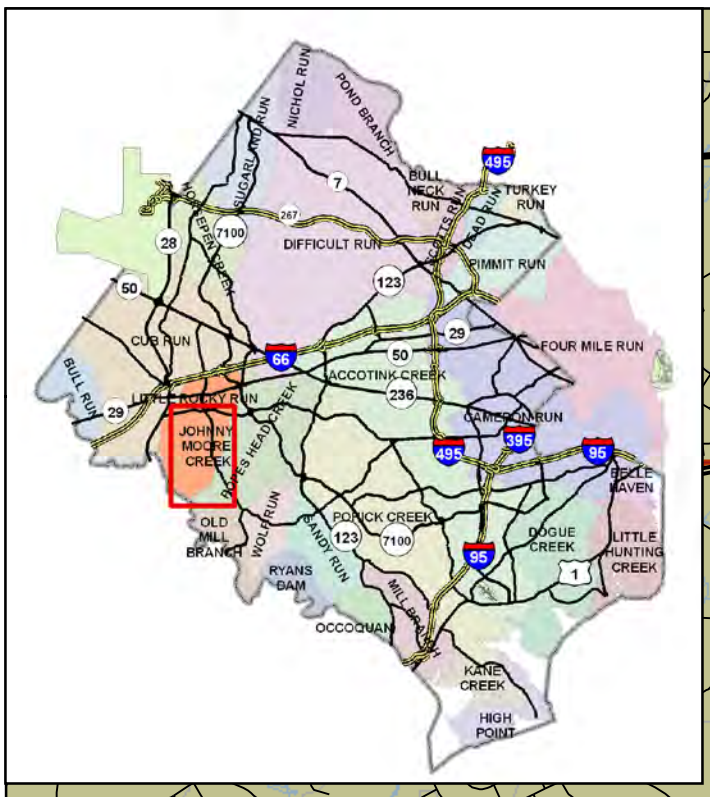
N

0 1,000 2,000 Feet

Map 2-4

Johnny Moore and Johnny Moore - Bull Run WMAs

Stream Condition



N

0 1,000 2,000 Feet

Legend

MAJOR_ROADS

Arterial Streets

WMA

Johnny Moore WMAs

Other WMAS

Streams

STEPL Existing

Total Nitrogen lbs/ac/yr

0.987500 - 4.287116

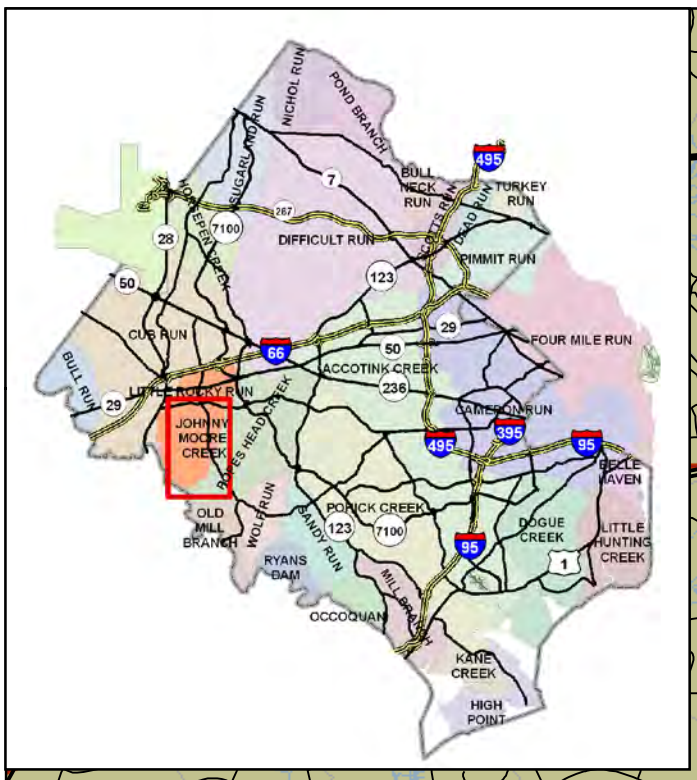
4.287117 - 9.069964

9.069965 - 17.802404

Map 2-5

Johnny Moore and Johnny Moore - Bull Run WMAs

Total Nitrogen



N

0 1,000 2,000 Feet

Legend

MAJOR_ROADS
Arterial Streets

WMA

Johnny Moore WMAs
Other WMAS
Streams

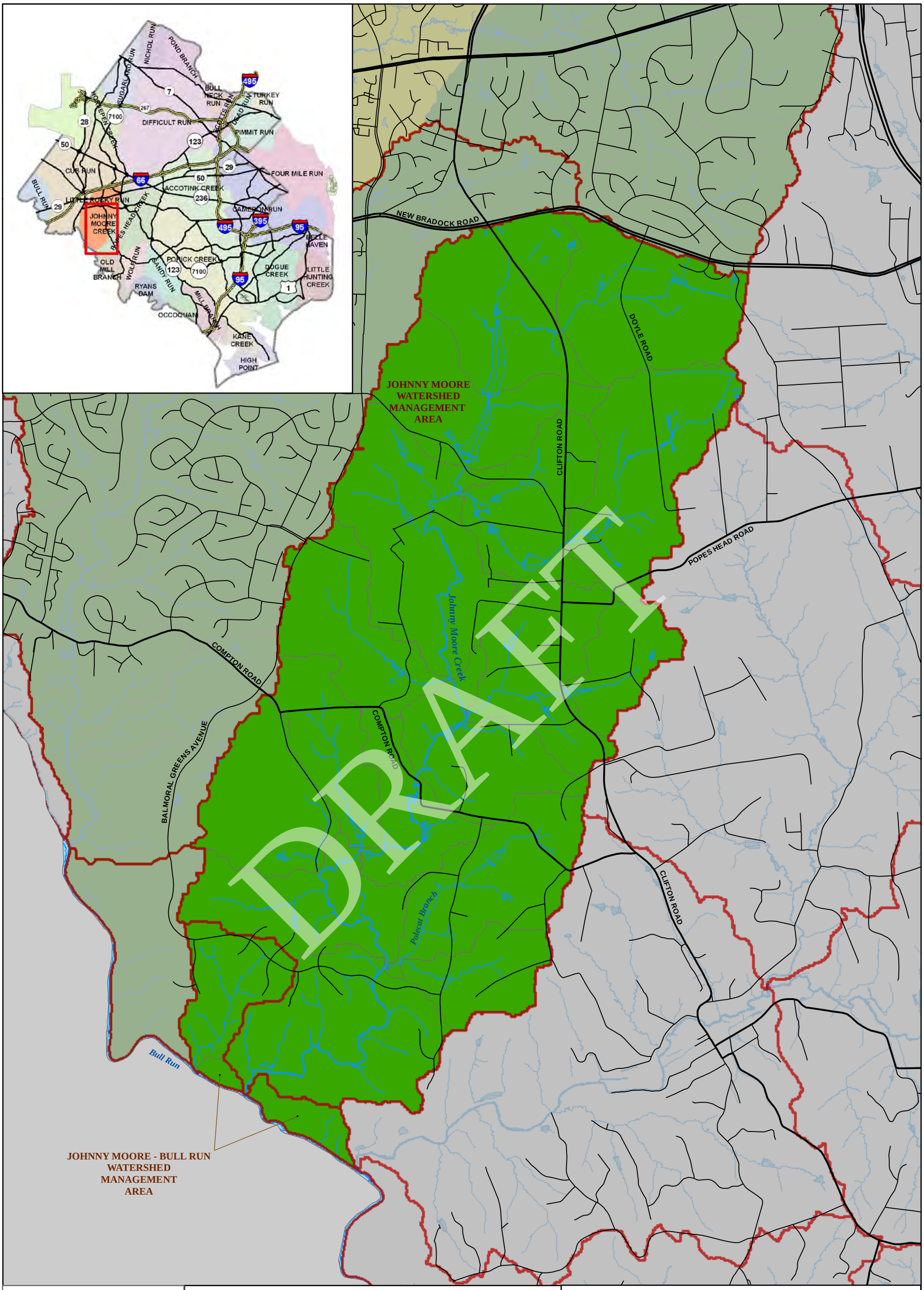
STEPL Existing Phosphorous lbs/ac/yr

0.246100 - 0.645884
0.645885 - 1.441817
1.441818 - 2.874638

Map 2-6

Johnny Moore and Johnny Moore - Bull Run WMAs

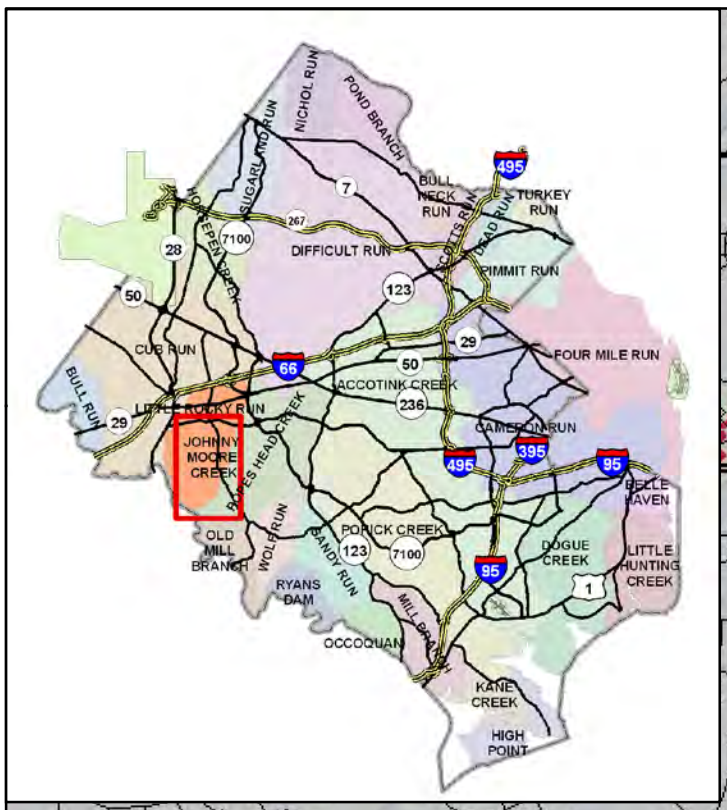
Total Phosphorous


NICHOL RUN
POND BRANCH
SUGARLAND RUN
BULL NECK RUN
TURKEY RUN
DEAD RUN
HORSEPEN RUN
DIFFICULT RUN
PIMMIT RUN
CUB RUN
FOUR MILE RUN
BULL RUN
ACCOTINK CREEK
LITTLE ROCKY RUN
JOHNNY MOORE CREEK
POPES HEAD CREEK
CAMERON RUN
BELLE HAVEN
OLD MILL BRANCH
WOLF RUN
POHICK CREEK
SANDY RUN
DOGUE CREEK
LITTLE HUNTING CREEK
RYANS DAM
MILL BRANCH
OCCOQUAN
KANE CREEK
HIGH POINT
NEW BRADOCK ROAD
DOYLE ROAD
JOHNNY MOORE WATERSHED MANAGEMENT AREA
CLIFTON ROAD
POPES HEAD ROAD
COMPTON ROAD
BALMORAL GREENS AVENUE
Johnny Moore Creek
Polecat Branch
Bull Run
JOHNNY MOORE - BULL RUN WATERSHED MANAGEMENT AREA
DRAFT
N
0 1,000 2,000
Feet
Legend
MAJOR_ROADS
Arterial Streets
WMA
Johnny Moore WMAs
Other WMAS
Streams
STEPL Existing
TSS t/ac/yr
0.045347 - 0.180933
0.180934 - 0.316520
0.316521 - 0.452106
Map 2-7
Johnny Moore and Johnny Moore - Bull Run WMAs
Total Suspended Solids

Map 2-8

Johnny Moore and Johnny Moore - Bull Run WMAs

Water Quantity Map
Existing Conditions 10-YR Data



N

0 1,000 2,000 Feet

Legend

- Preliminary 100 YR Floodplain Boundary
- Major Roads
- Arterial Streets

WMA

- Johnny Moore WMAs
- Other WMAS
- Streams

Map 2-9

Johnny Moore and Johnny Moore - Bull Run WMAs

Preliminary 1% Annual Chance Floodplain Boundary

Map 2-10
Existing and Future Land Use Maps

Little Rocky Run - Lower and Little Rocky Run - Bull Run Watershed Management Areas

CENTREVILLE ROAD
NEW BRADDOCK ROAD
CLIFTON ROAD
COMPTON ROAD
BALMORAL GREENS AVENUE
Little Rocky Run
LITTLE ROCKY RUN - LOWER WATERSHED MANAGEMENT AREA
LITTLE ROCKY RUN - BULL RUN WATERSHED MANAGEMENT AREA

Existing Conditions Land Use Map

CENTREVILLE ROAD
NEW BRADDOCK ROAD
CLIFTON ROAD
COMPTON ROAD
BALMORAL GREENS AVENUE
Little Rocky Run
LITTLE ROCKY RUN - LOWER WATERSHED MANAGEMENT AREA
LITTLE ROCKY RUN BULL RUN WATERSHED MANAGEMENT AREA

Future Conditions Land Use Map

Legend

- Streams
- Major Roads
- Railroad

WMA

- Little Rocky Run - Lower WMAs
- Other WMAs

Land Use

Existing Land Use

- Estate Residential
- Low Density Residential
- Medium Density Residential
- High Density Residential
- Low Intensity Commercial
- High Intensity Commercial
- Industrial
- Institutional
- Golf Course
- Open Space
- Water
- Transportation

COUNTY OF FAIRFAX 1742 VIRGINIA

N

Scale

0 1,000 2,000 Feet