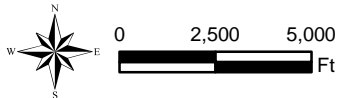
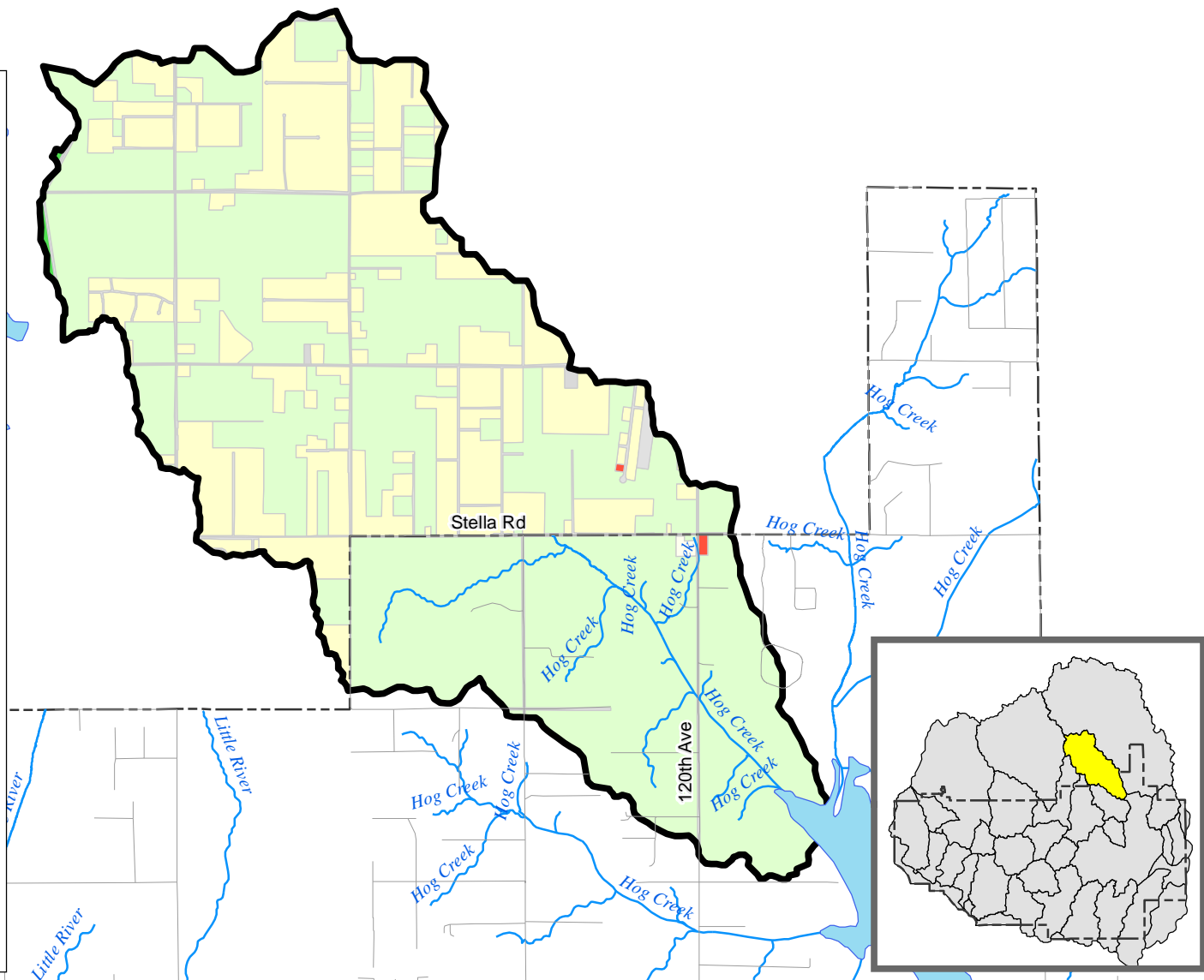


Zoning

- A-1: General Agricultural
- A-2: Rural Agricultural
- C-1: Local Commercial
- C-2: General Commercial
- C-3: Intensive Commercial
- C-O: Suburban Office Commercial
- CR: Rural Commercial
- I-1: Light Industrial
- I-2: Heavy Industrial
- M-1: Restricted Industrial
- O-1: Office-Institutional
- PL: Park Land
- PUD: Planned Unit Development
- R-1: Single Family Dwelling
- R-1A: Single Family Attached Dwelling
- R-2: Two-Family Dwelling
- R-3: Multi-Family Dwelling
- RE: Residential Estates
- RM-2: Low Density Apartment
- RM-4: Mobile Home Park
- RM-6: Medium Density Apartment
- RO: Residence-Office
- ROW: Right Of Way
- T: Transportation
- TC: Tourist Commercial
- UNC: Unclassified

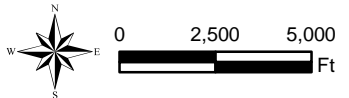
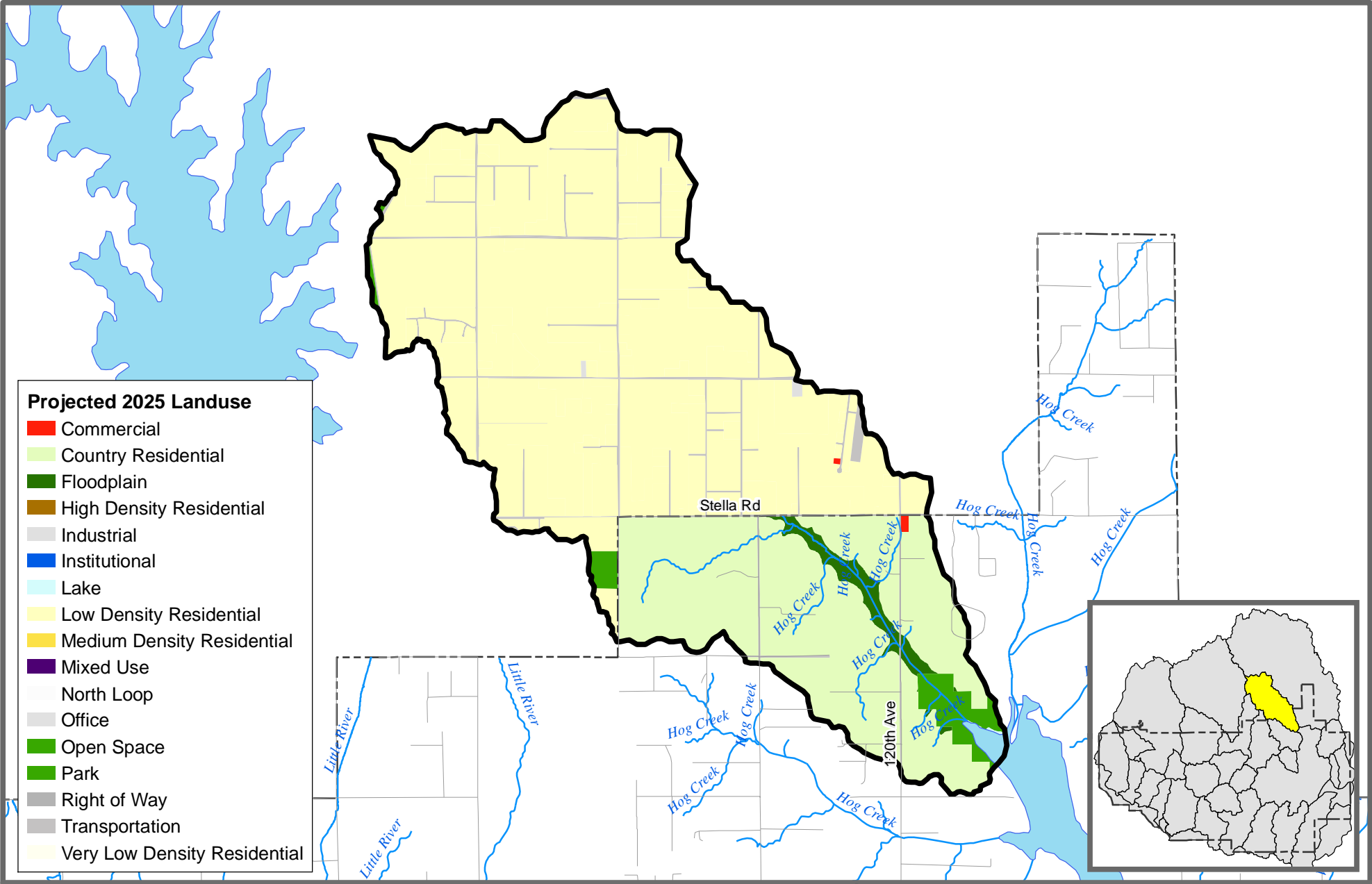


**City of Norman Stormwater Master Plan
Hog Creek Tributary D**

Current Zoning

Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.

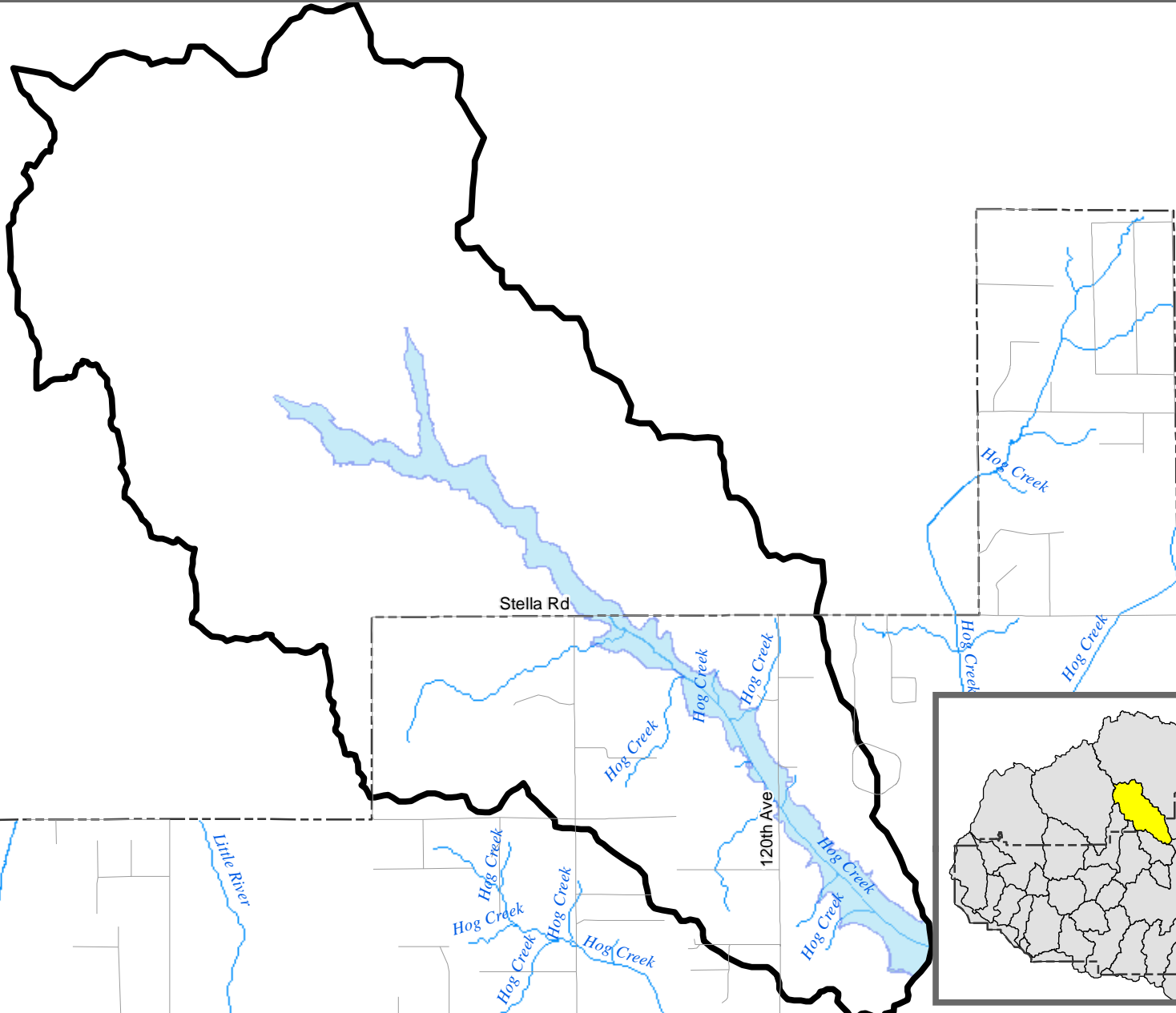


**City of Norman Stormwater Master Plan
Hog Creek Tributary D**




Projected 2025 Landuse

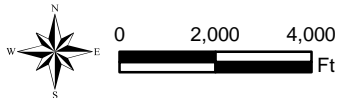
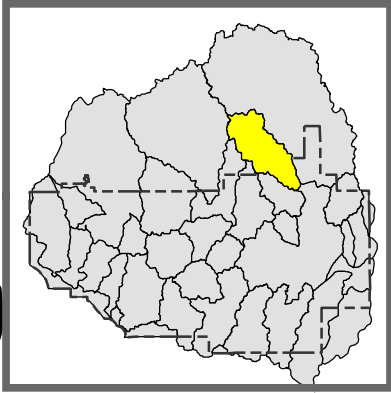
Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

-  Floodway
-  100 yr
-  500 yr

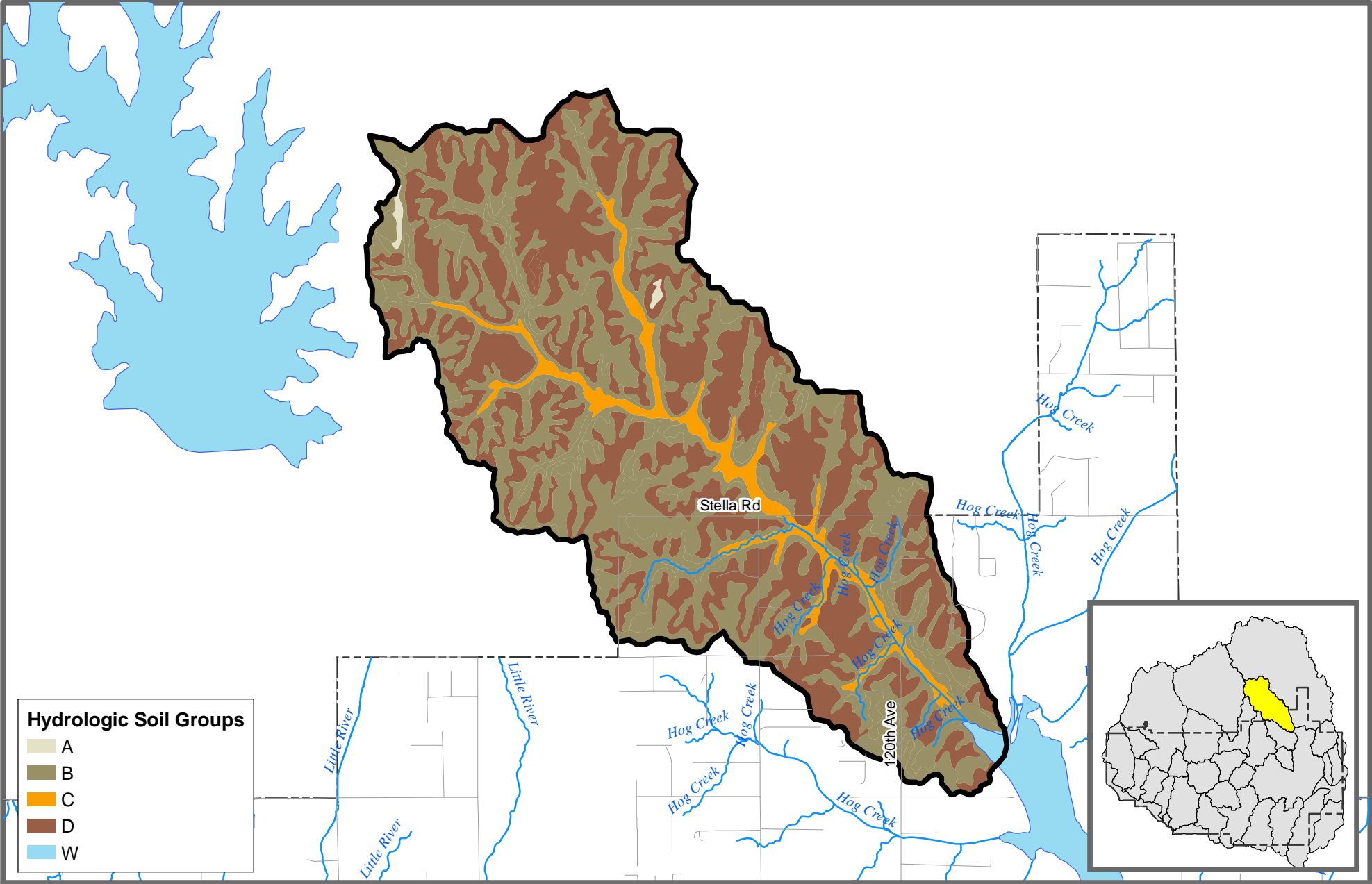


**City of Norman Stormwater Master Plan
Hog Creek Tributary D**

FEMA Flood Zones

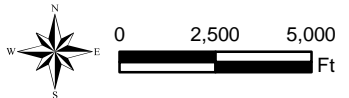
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

Lightest tan	A
Medium tan	B
Orange	C
Dark brown	D
Light blue	W



**City of Norman Stormwater Master Plan
Hog Creek Tributary D**

Hydrologic Soil Groups

Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 10.67

Current Zoning

Projected Landuse

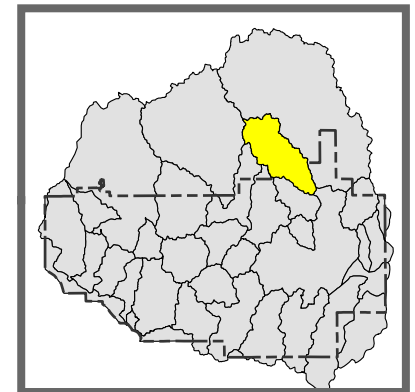
Zoning	Percentage
A-2: Rural Agricultural	66.79%
C-2: General Commercial	0.02%
CR: Rural Commercial	0.06%
I-1: Light Industrial	0.12%
O-1: Office-Institutional	0.01%
PL: Park Land	0.17%
R-1: Single Family Dwelling	28.7%
RE: Residential Estates	0.11%
T: Transportation	4.04%

Landuse	Percentage
Commercial	0.07%
Country Residential	26.81%
Floodplain	1.62%
Industrial	0.12%
Institutional	0.01%
Lake/ Floodplain	0.34%
Low Density Residential	64.62%
Open	0.49%
Park	1.89%
Transportation	4.04%

Hydrologic Soil Group	Percentage
A	0.3%
B	51.0%
C	5.4%
D	43.0%
W	0.3%

FEMA Flood Zone	Percentage
100	6.0%
500	6.0%

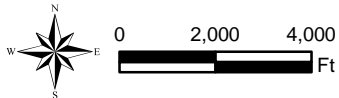
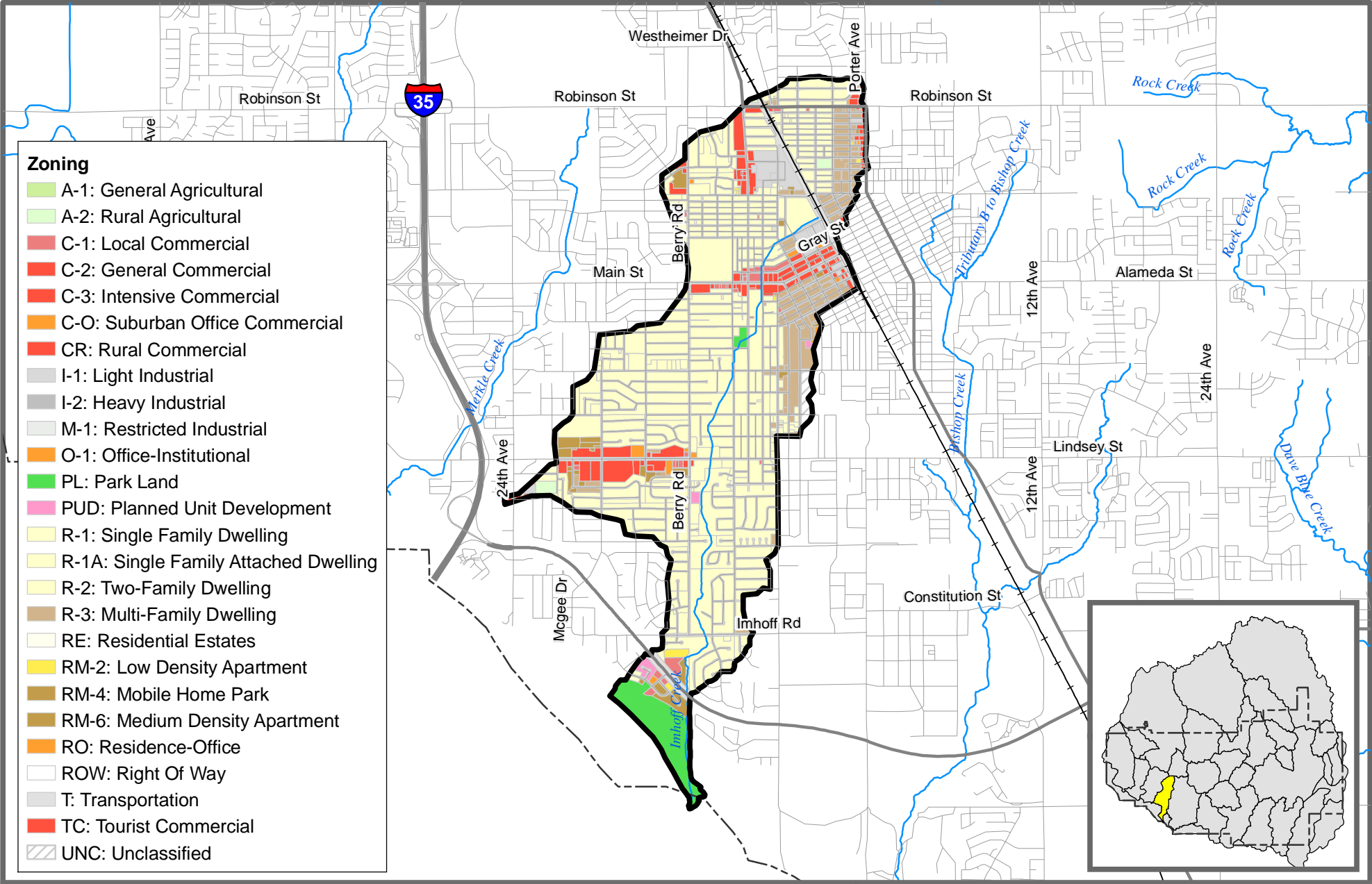
Impervious(%): 1.6



**City of Norman Stormwater Master Plan
Hog Creek Tributary D**

Basin Statistics

Prepared By: Vieux & Associates, Inc.

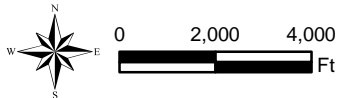
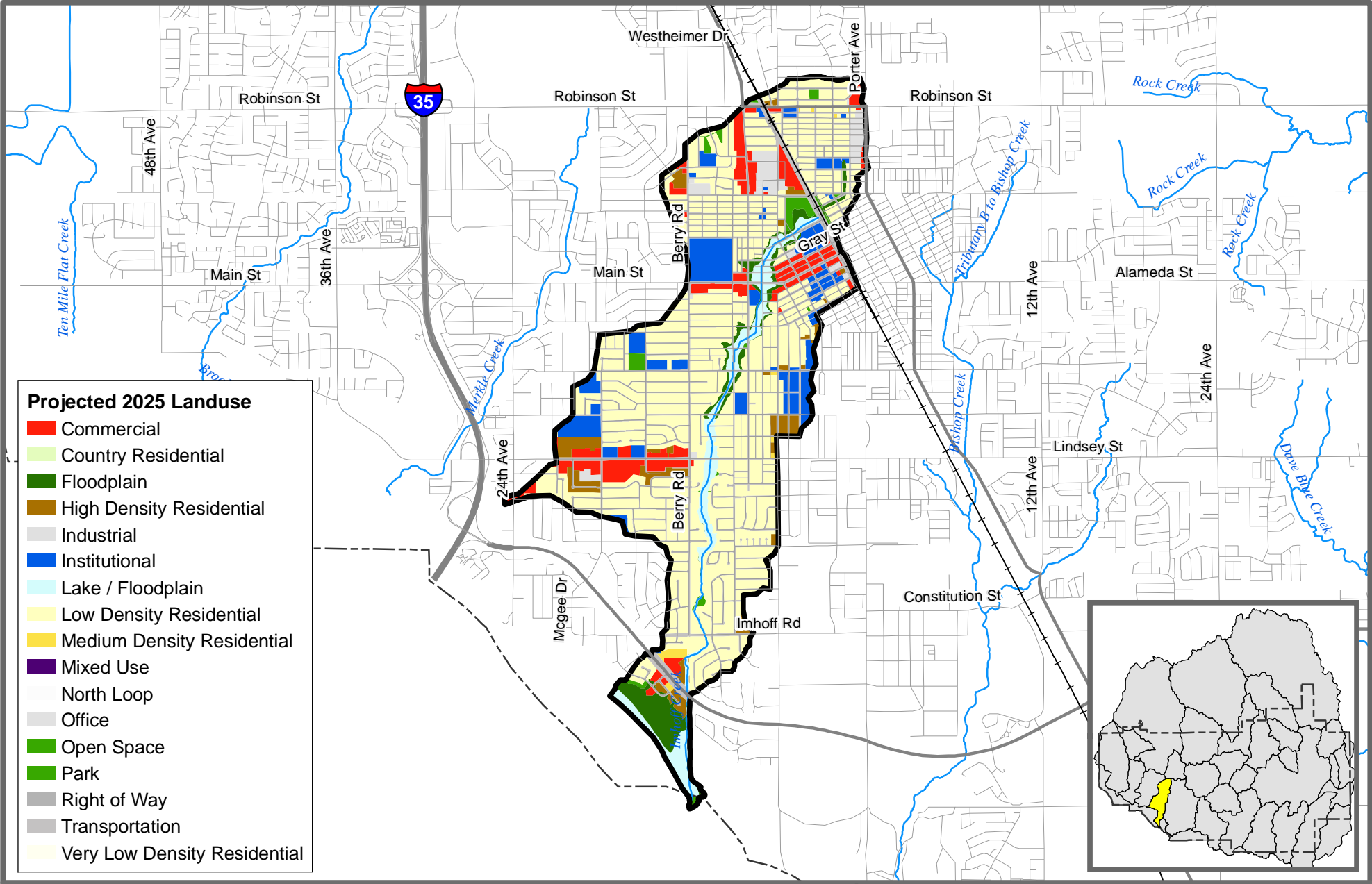


**City of Norman Stormwater Master Plan
Imhoff Creek**

Current Zoning

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.

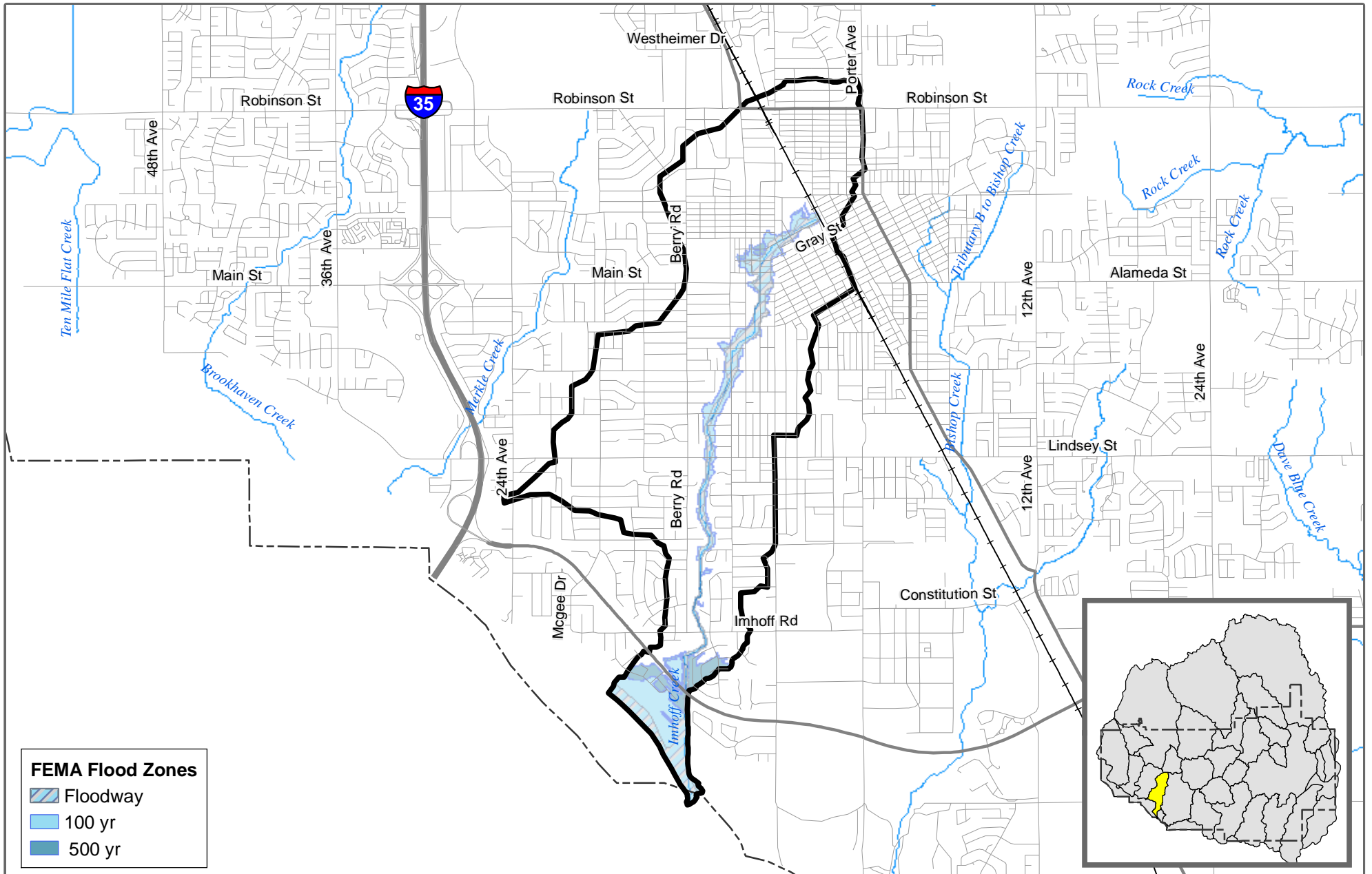


**City of Norman Stormwater Master Plan
Imhoff Creek**




Projected 2025 Landuse

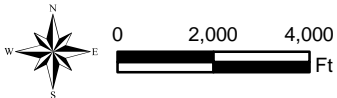
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

-  Floodway
-  100 yr
-  500 yr

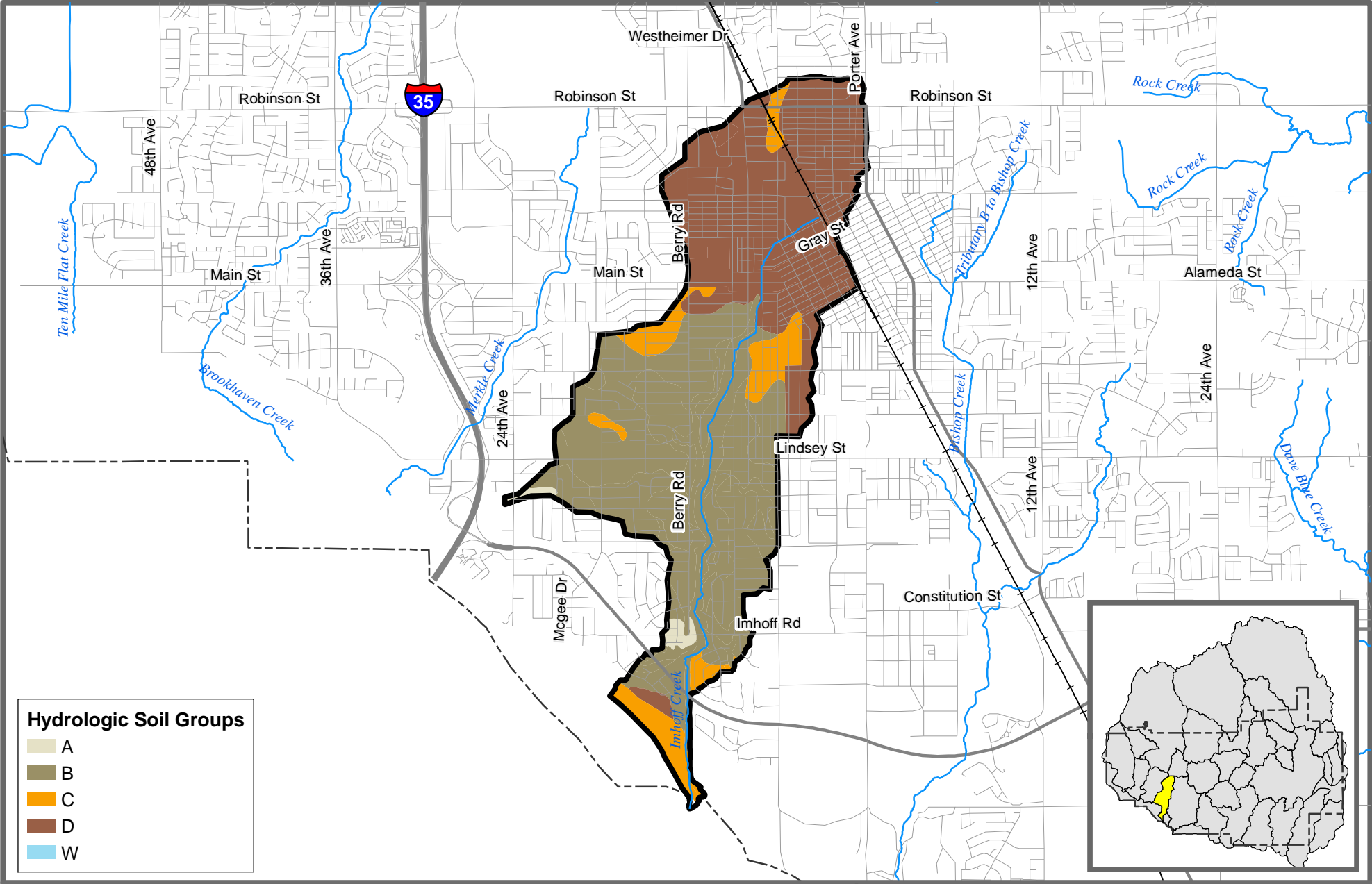


**City of Norman Stormwater Master Plan
Imhoff Creek**

FEMA Flood Zones

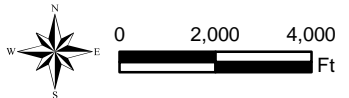
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

- A
- B
- C
- D
- W



**City of Norman Stormwater Master Plan
Imhoff Creek**

Hydrologic Soil Groups

Scale: 1:48,000 Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 3.39

Current Zoning

Zoning	Percentage
A-2: Rural Agricultural	0.44%
C-1: Local Commercial	0.99%
C-2: General Commercial	5.21%
C-3: Intensive Commercial	0.8%
C-O: Suburban Office Commercial	0.5%
I-1: Light Industrial	1.89%
O-1: Office-Institutional	0.07%
PL: Park Land	3.9%
PUD: Planned Unit Development	0.4%
R-1: Single Family Dwelling	51.61%
R-2: Two-Family Dwelling	3.23%
R-3: Multi-Family Dwelling	5.9%
RM-2: Low Density Apartment	0.32%
RM-6: Medium Density Apartment	2.06%
RO: Residence-Office	0.06%
T: Transportation	22.07%
UNC: Unclassified	0.53%

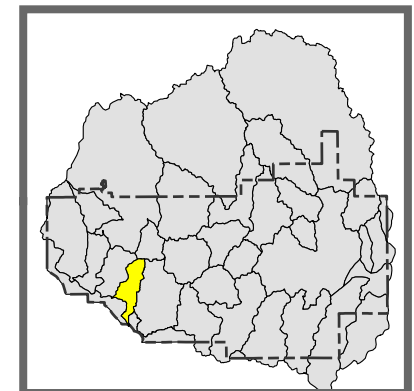
Projected Landuse

Landuse	Percentage
Commercial	6.53%
Floodplain	3.57%
High Density Residential	3.31%
Industrial	1.11%
Institutional	7.56%
Lake/ Floodplain	4.87%
Low Density Residential	48.35%
Medium Density Residential	0.38%
Office	0.95%
Open	0.18%
Park	1.27%
Transportation	21.9%

Hydrologic Soil Group	Percentage
A	1.1%
B	51.7%
C	9.2%
D	38.0%

FEMA Flood Zone	Percentage
100	9.5%
500	11.6%
Floodway	5.3%

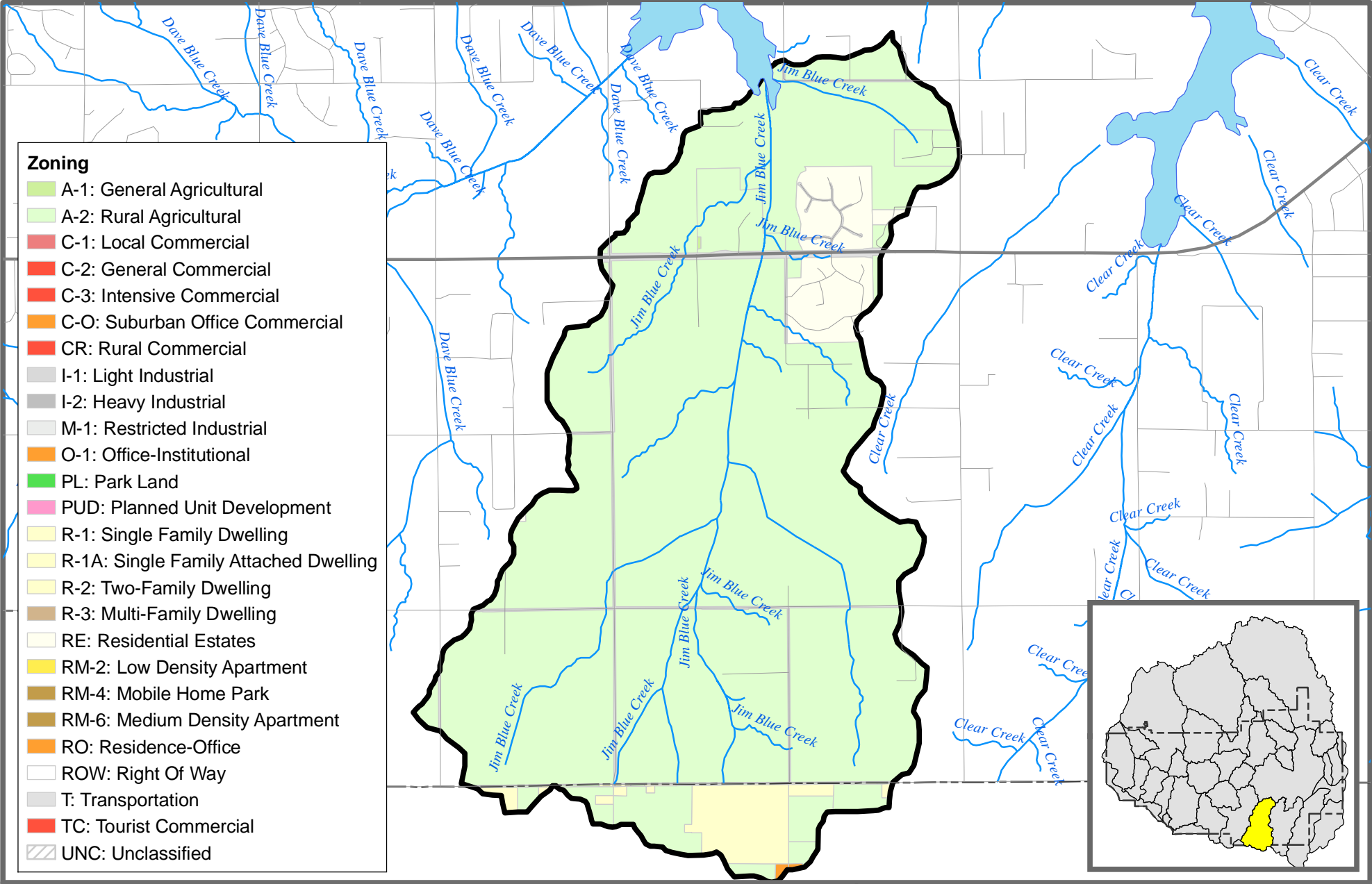
Impervious (%): 40.6



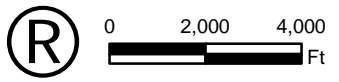
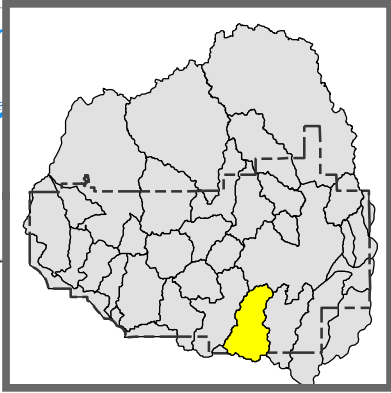
City of Norman Stormwater Master Plan
Imhoff Creek

Basin Statistics

Prepared By: Vieux & Associates, Inc.



- Zoning**
- A-1: General Agricultural
 - A-2: Rural Agricultural
 - C-1: Local Commercial
 - C-2: General Commercial
 - C-3: Intensive Commercial
 - C-O: Suburban Office Commercial
 - CR: Rural Commercial
 - I-1: Light Industrial
 - I-2: Heavy Industrial
 - M-1: Restricted Industrial
 - O-1: Office-Institutional
 - PL: Park Land
 - PUD: Planned Unit Development
 - R-1: Single Family Dwelling
 - R-1A: Single Family Attached Dwelling
 - R-2: Two-Family Dwelling
 - R-3: Multi-Family Dwelling
 - RE: Residential Estates
 - RM-2: Low Density Apartment
 - RM-4: Mobile Home Park
 - RM-6: Medium Density Apartment
 - RO: Residence-Office
 - ROW: Right Of Way
 - T: Transportation
 - TC: Tourist Commercial
 - UNC: Unclassified

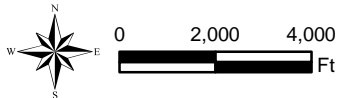
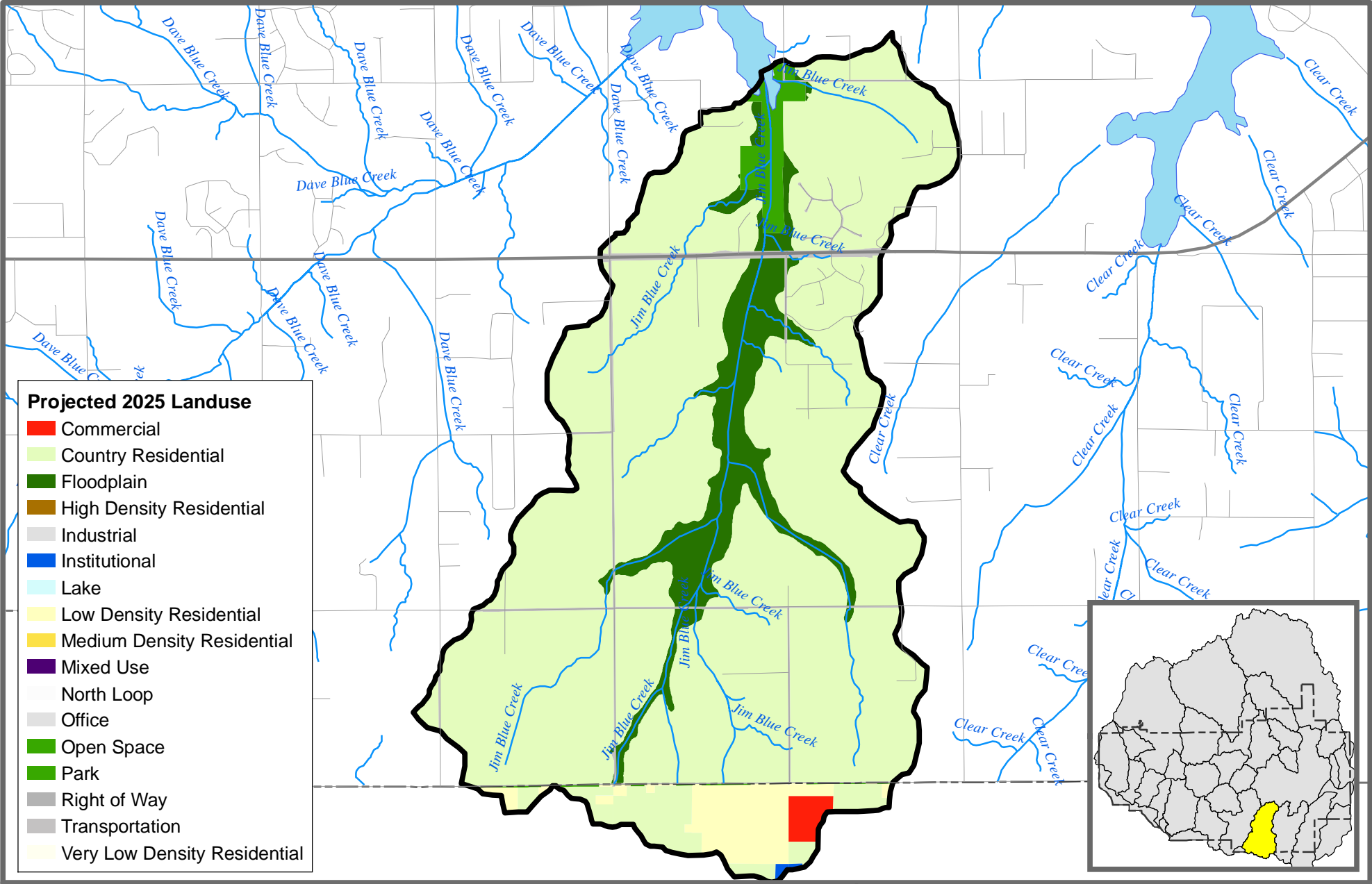


**City of Norman Stormwater Master Plan
Jim Blue Creek**

Current Zoning

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.

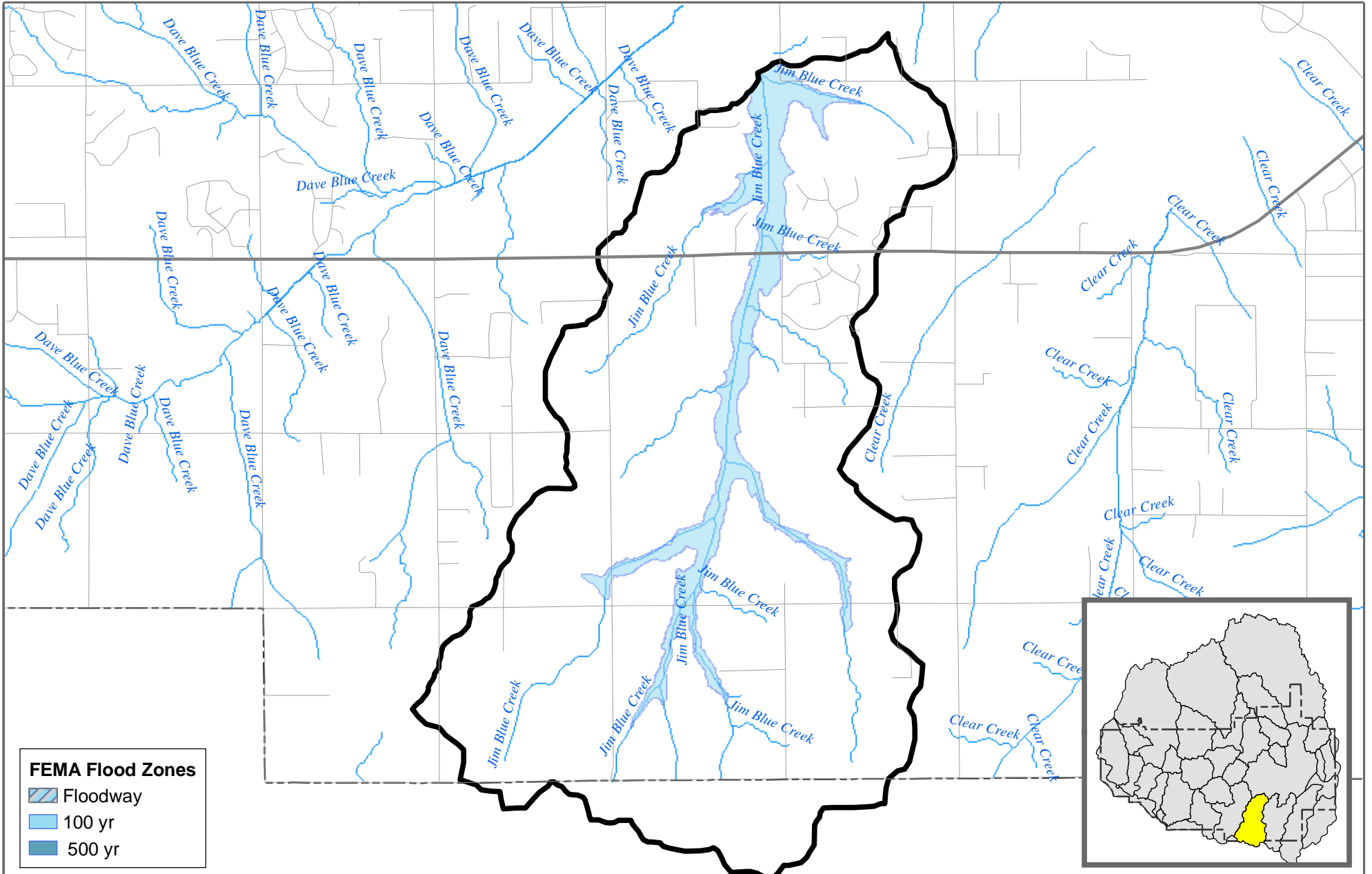


**City of Norman Stormwater Master Plan
Jim Blue Creek**




Projected 2025 Landuse

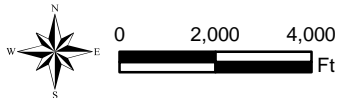
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Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

-  Floodway
-  100 yr
-  500 yr

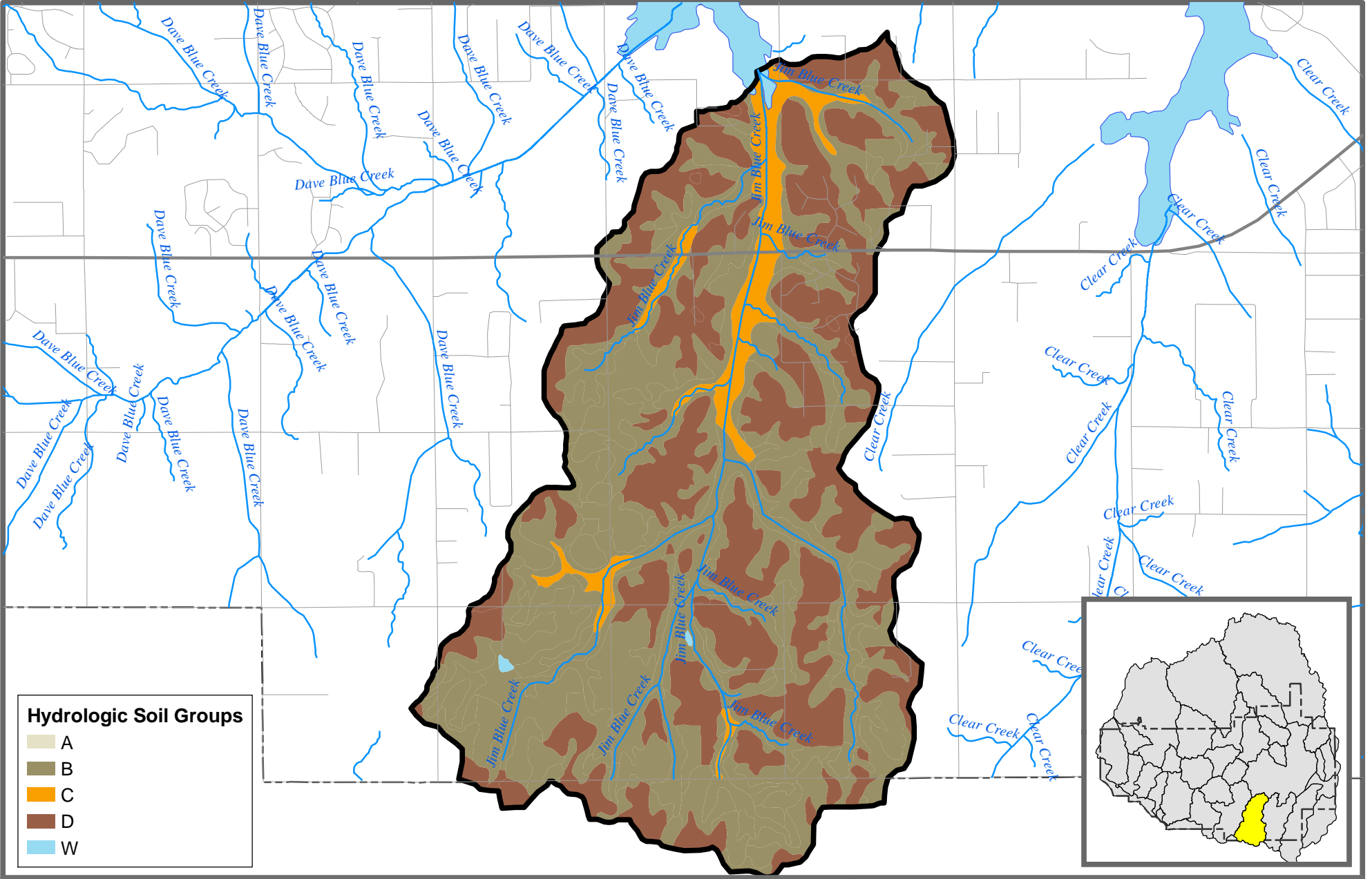


**City of Norman Stormwater Master Plan
Jim Blue Creek**

FEMA Flood Zones

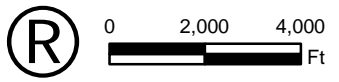
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

- A
- B
- C
- D
- W



**City of Norman Stormwater Master Plan
Jim Blue Creek**

Hydrologic Soil Groups

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 8.59

Current Zoning

Zoning	Percentage
A-1: General Agricultural	0.02%
A-2: Rural Agricultural	89.2%
O-1: Office-Institutional	0.09%
R-1: Single Family Dwelling	3.39%
RE: Residential Estates	4.8%
T: Transportation	2.51%

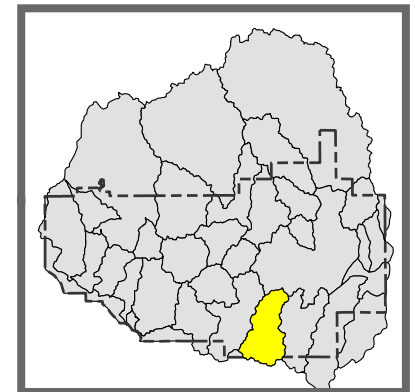
Projected Landuse

Landuse	Percentage
Commercial	0.63%
Country Residential	82.37%
Floodplain	8.87%
Institutional	0.09%
Lake/ Floodplain	0.1%
Low Density Residential	3.39%
Open	0.14%
Park	1.91%
Transportation	2.51%

Hydrologic Soil Group	Percentage
B	58.3%
C	5.4%
D	36.2%
W	0.1%

FEMA Flood Zone	Percentage
100	8.1%

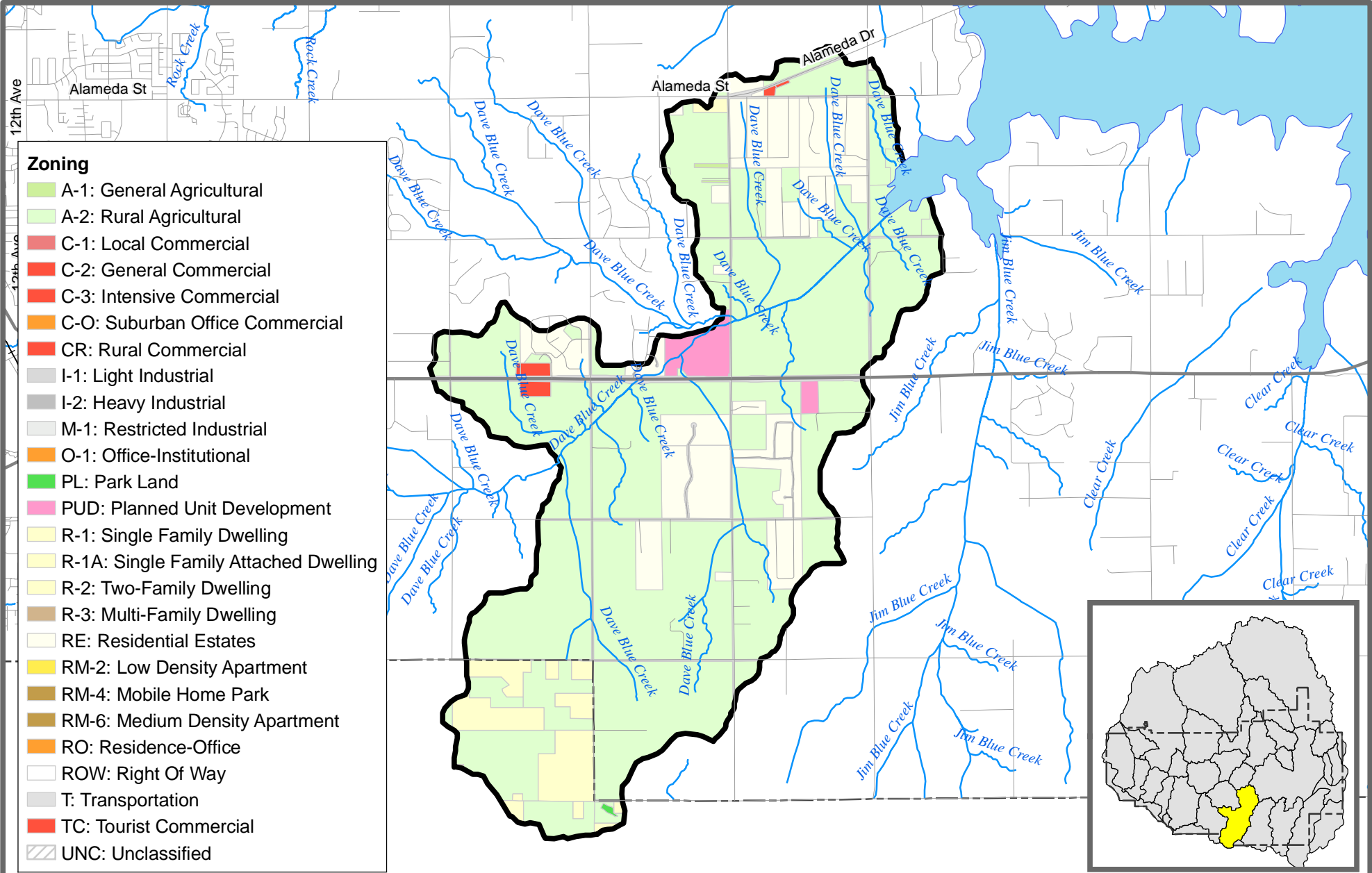
Impervious (%): 3.9



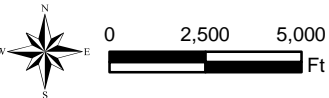
**City of Norman Stormwater Master Plan
Jim Blue Creek**

Basin Statistics

Prepared By: Vieux & Associates, Inc.



- Zoning**
- A-1: General Agricultural
 - A-2: Rural Agricultural
 - C-1: Local Commercial
 - C-2: General Commercial
 - C-3: Intensive Commercial
 - C-O: Suburban Office Commercial
 - CR: Rural Commercial
 - I-1: Light Industrial
 - I-2: Heavy Industrial
 - M-1: Restricted Industrial
 - O-1: Office-Institutional
 - PL: Park Land
 - PUD: Planned Unit Development
 - R-1: Single Family Dwelling
 - R-1A: Single Family Attached Dwelling
 - R-2: Two-Family Dwelling
 - R-3: Multi-Family Dwelling
 - RE: Residential Estates
 - RM-2: Low Density Apartment
 - RM-4: Mobile Home Park
 - RM-6: Medium Density Apartment
 - RO: Residence-Office
 - ROW: Right Of Way
 - T: Transportation
 - TC: Tourist Commercial
 - UNC: Unclassified

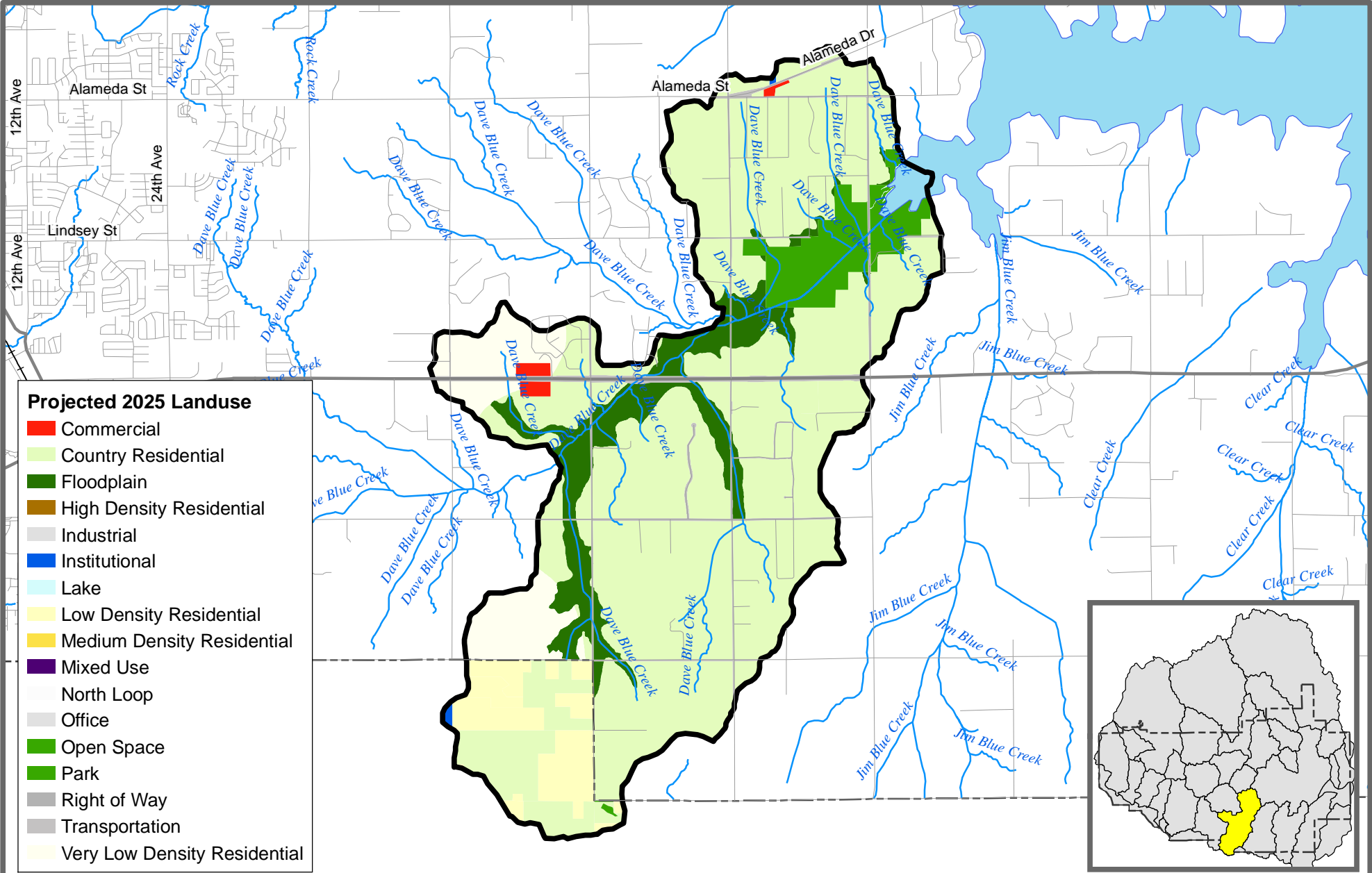


**City of Norman Stormwater Master Plan
Lower Dave Blue Creek**

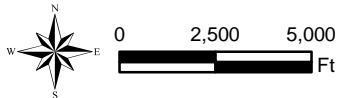
Current Zoning

Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.



- Projected 2025 Landuse**
- Commercial
 - Country Residential
 - Floodplain
 - High Density Residential
 - Industrial
 - Institutional
 - Lake
 - Low Density Residential
 - Medium Density Residential
 - Mixed Use
 - North Loop
 - Office
 - Open Space
 - Park
 - Right of Way
 - Transportation
 - Very Low Density Residential

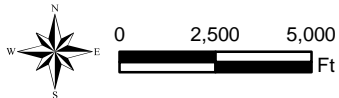
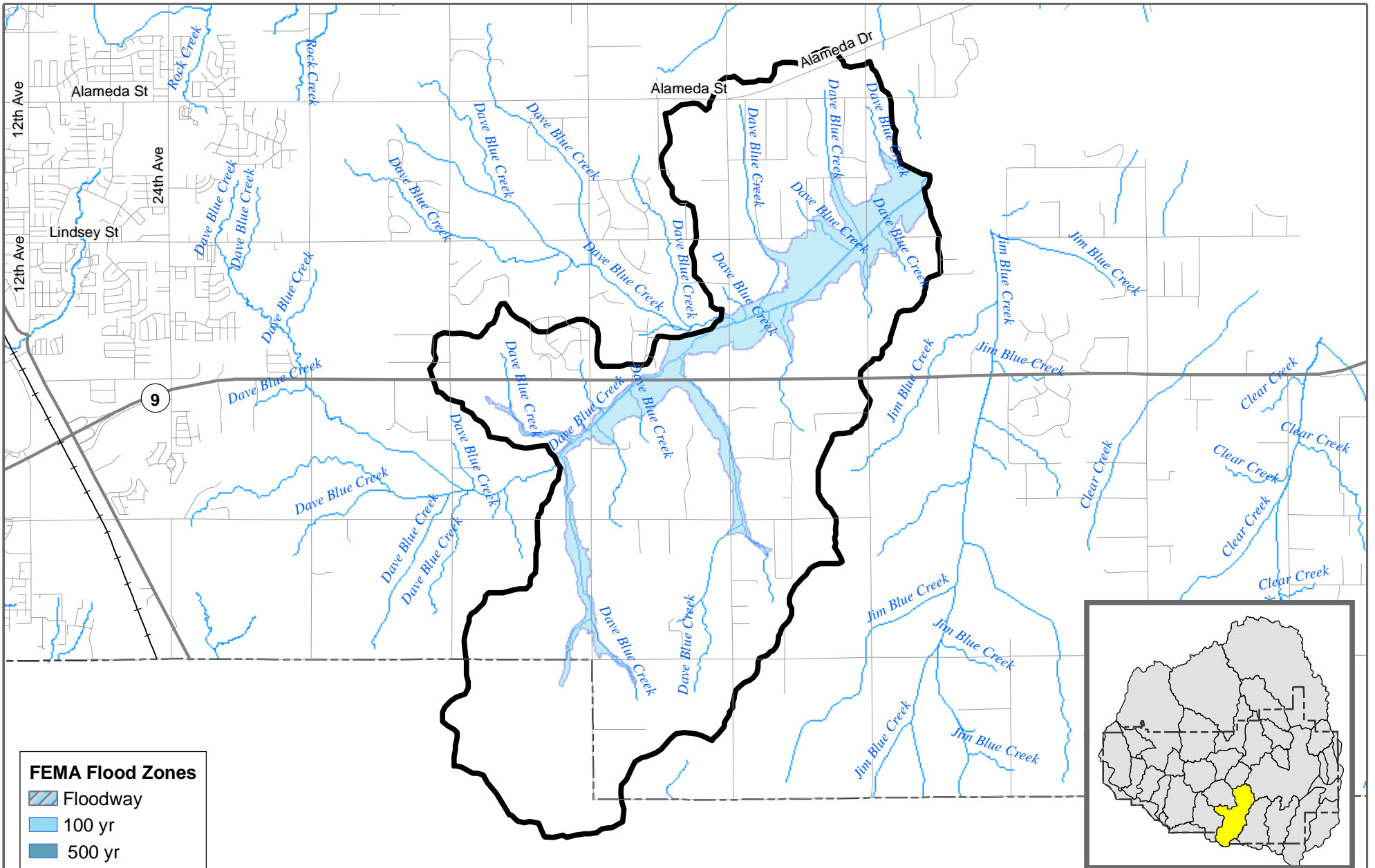


**City of Norman Stormwater Master Plan
Lower Dave Blue Creek**

Projected 2025 Landuse

Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.

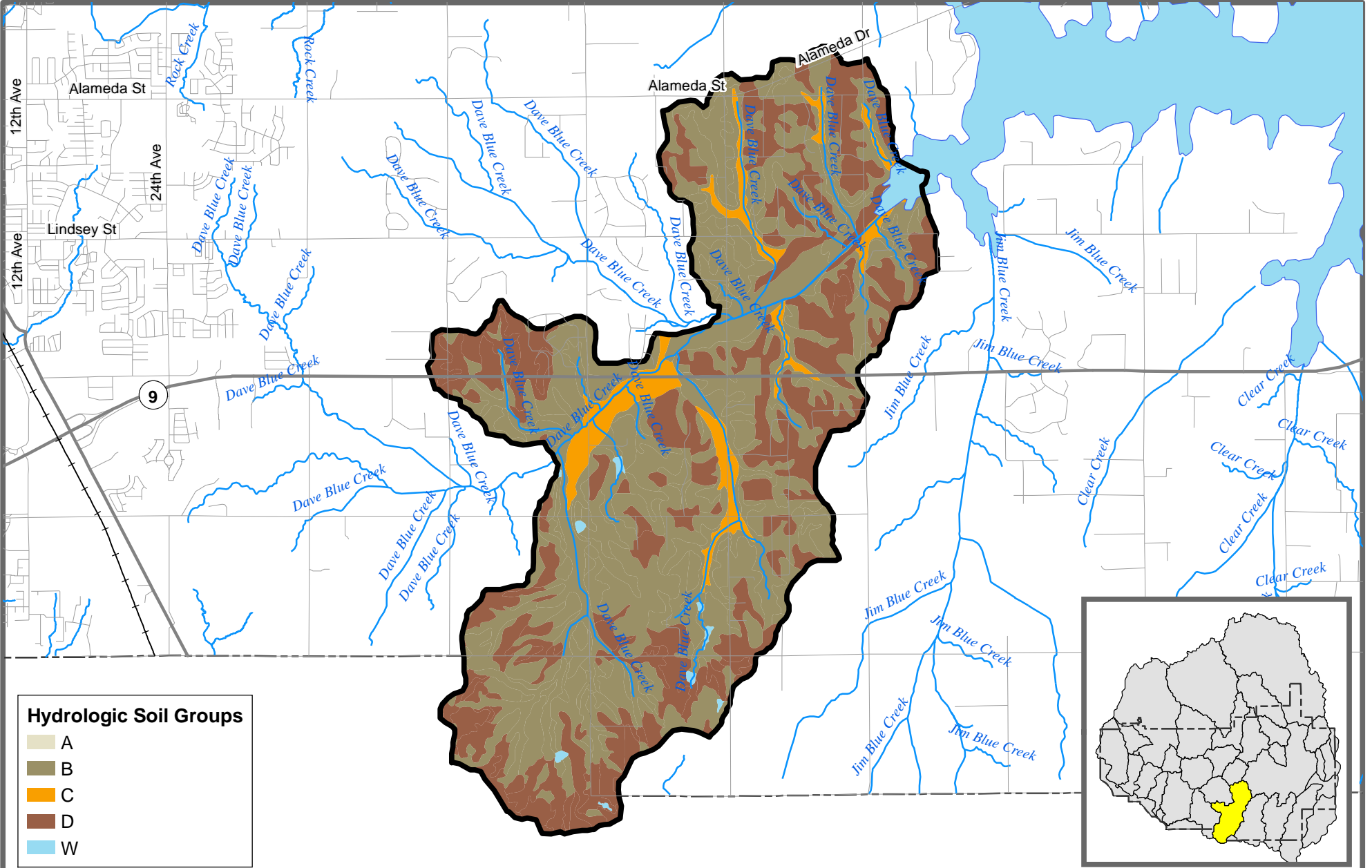


**City of Norman Stormwater Master Plan
Lower Dave Blue Creek**

FEMA Flood Zones

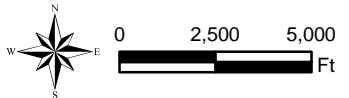
Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

	A
	B
	C
	D
	W



**City of Norman Stormwater Master Plan
Lower Dave Blue Creek**

Hydrologic Soil Groups

Scale: 1:60,000 Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 10.29

Current Zoning

Zoning	Percentage
A-1: General Agricultural	0.1%
A-2: Rural Agricultural	71.92%
PL: Park Land	0.04%
PUD: Planned Unit Development	1.75%
R-1: Single Family Dwelling	5%
RE: Residential Estates	16.6%
T: Transportation	4.07%
TC: Tourist Commercial	0.51%

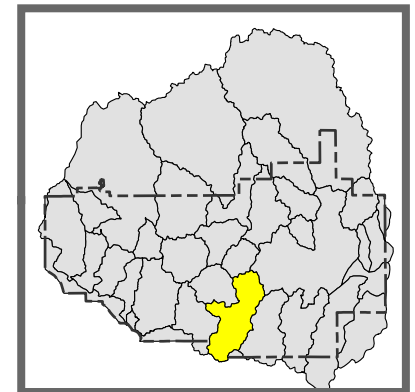
Projected Landuse

Landuse	Percentage
Commercial	0.52%
Country Residential	67.66%
Floodplain	9.14%
Institutional	0.12%
Lake/ Floodplain	0.6%
Low Density Residential	5.34%
Open	0.01%
Park	5.65%
Transportation	4.04%
Very Low Density Residential	6.92%

Hydrologic Soil Group	Percentage
B	59.3%
C	5.7%
D	34.3%
W	0.7%

FEMA Flood Zone	Percentage
100	10.9%

Impervious (%): 4.0



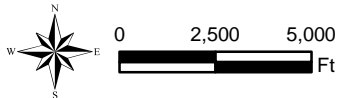
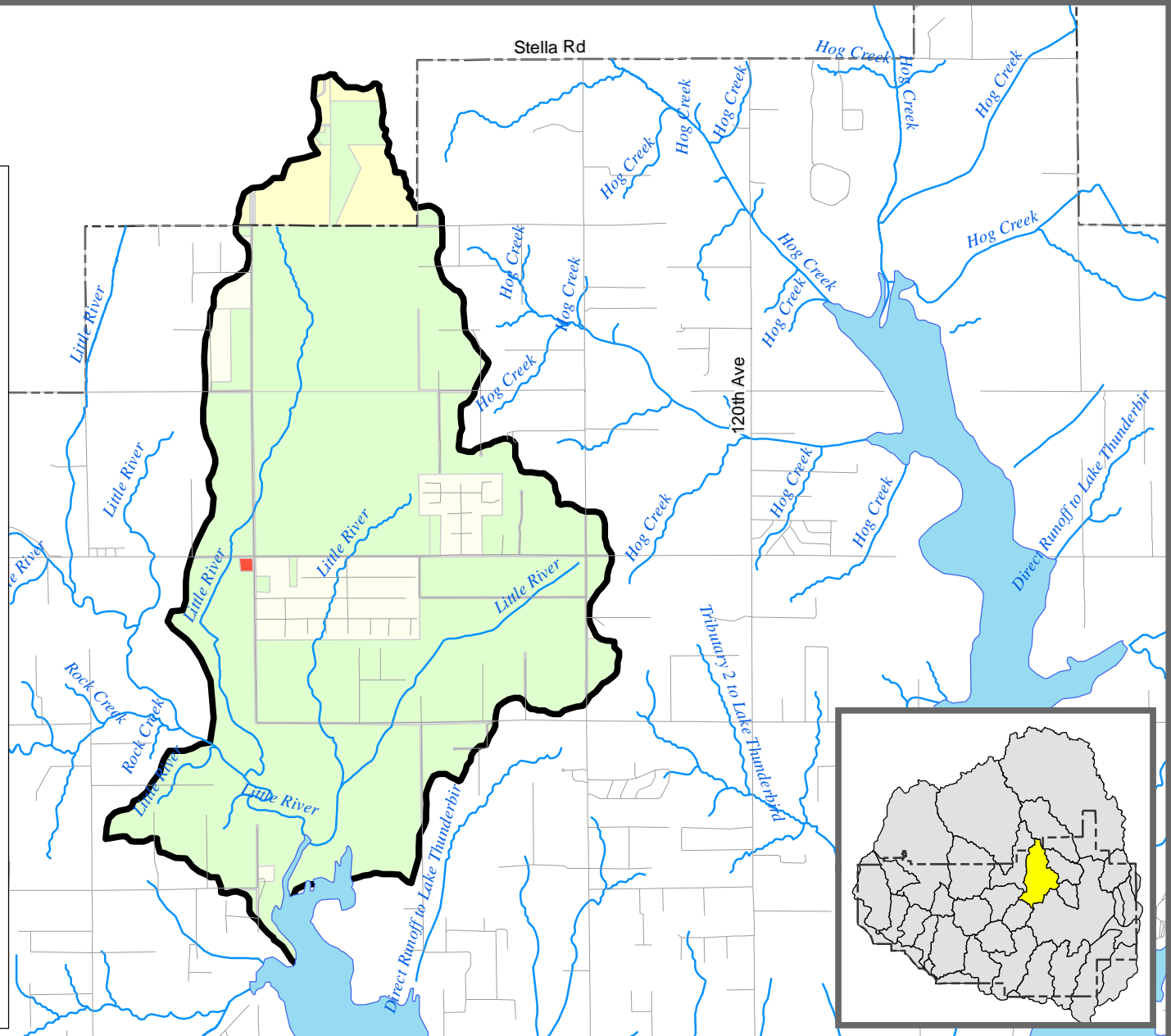
**City of Norman Stormwater Master Plan
Lower Dave Blue Creek**

Basin Statistics

Prepared By: Vieux & Associates, Inc.

Zoning

- A-1: General Agricultural
- A-2: Rural Agricultural
- C-1: Local Commercial
- C-2: General Commercial
- C-3: Intensive Commercial
- C-O: Suburban Office Commercial
- CR: Rural Commercial
- I-1: Light Industrial
- I-2: Heavy Industrial
- M-1: Restricted Industrial
- O-1: Office-Institutional
- PL: Park Land
- PUD: Planned Unit Development
- R-1: Single Family Dwelling
- R-1A: Single Family Attached Dwelling
- R-2: Two-Family Dwelling
- R-3: Multi-Family Dwelling
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- RM-4: Mobile Home Park
- RM-6: Medium Density Apartment
- RO: Residence-Office
- ROW: Right Of Way
- T: Transportation
- TC: Tourist Commercial
- UNC: Unclassified

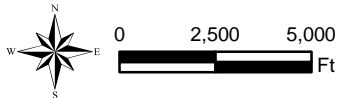
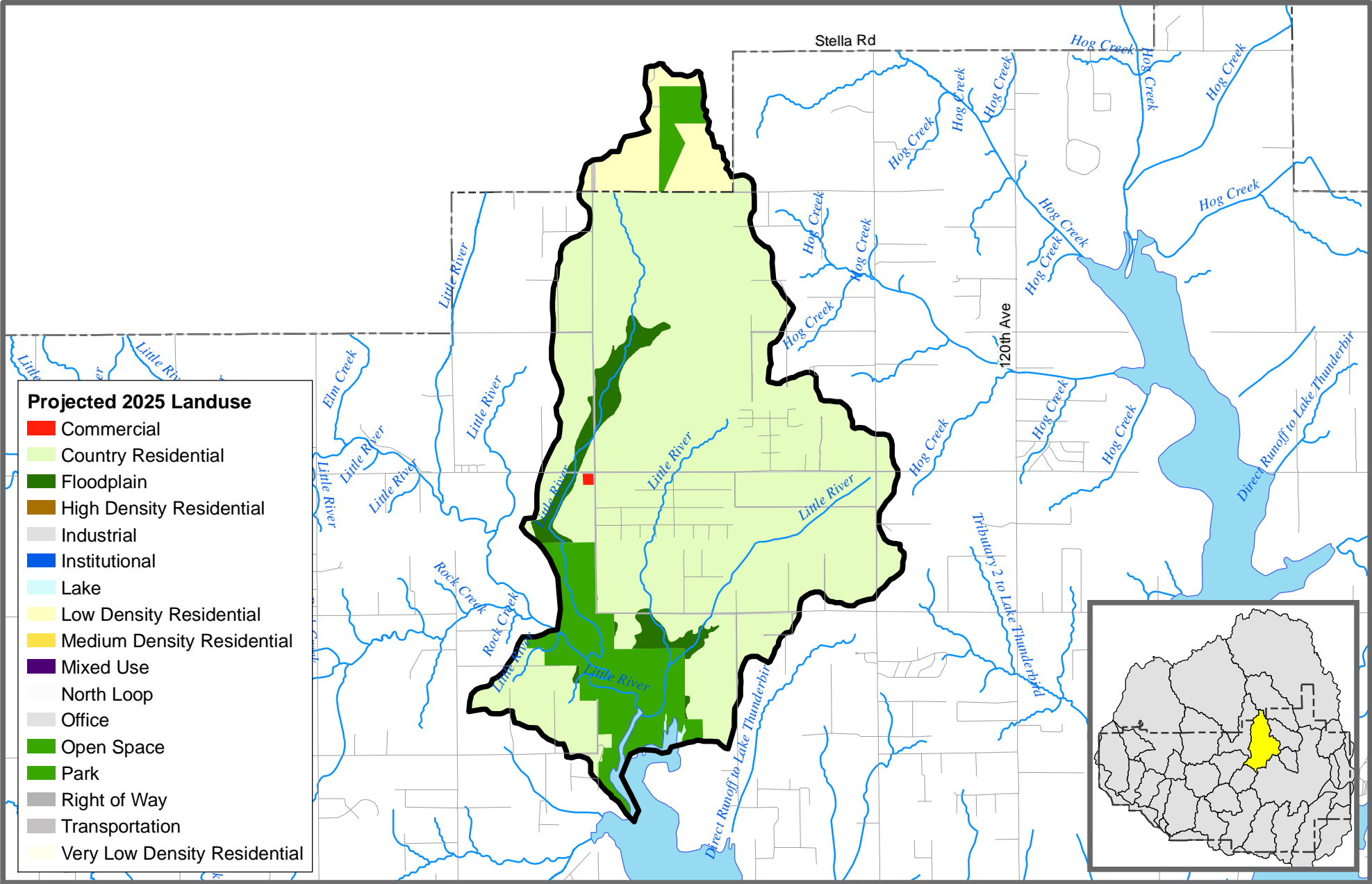


**City of Norman Stormwater Master Plan
Lower Little River**

Current Zoning

Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.

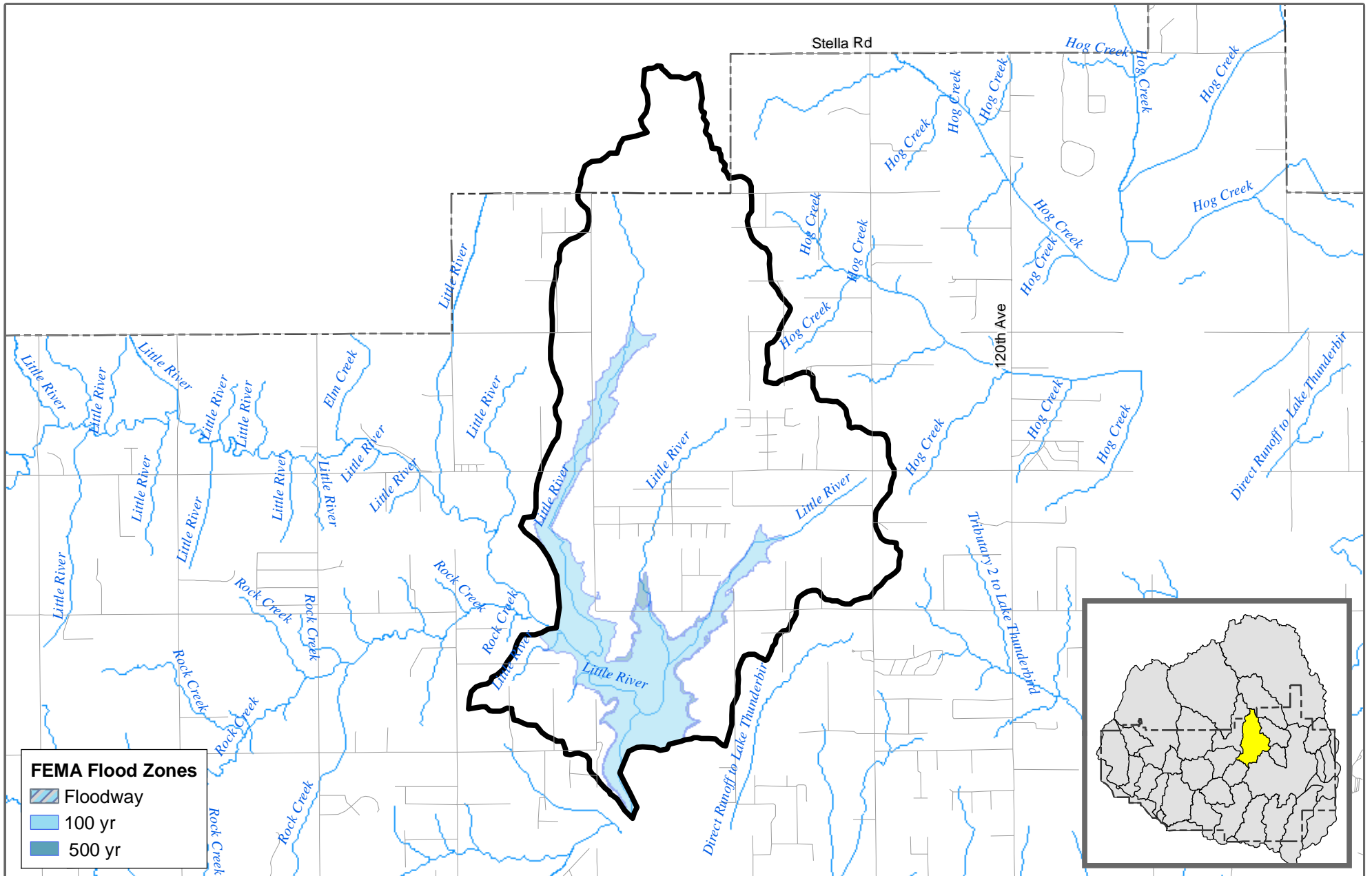


**City of Norman Stormwater Master Plan
Lower Little River**




Projected 2025 Landuse

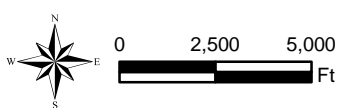
Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

-  Floodway
-  100 yr
-  500 yr

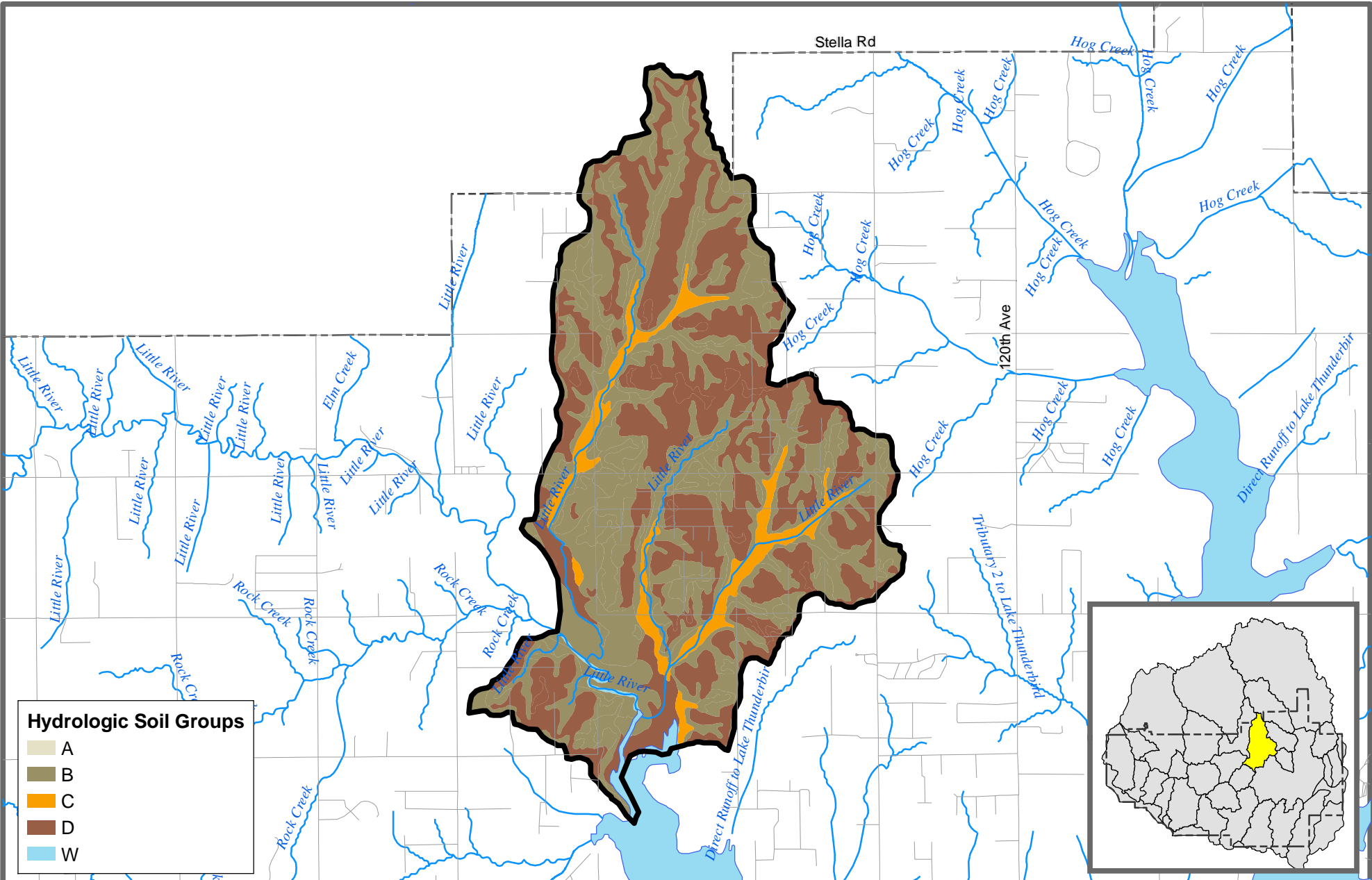


**City of Norman Stormwater Master Plan
Lower Little River**

FEMA Flood Zones

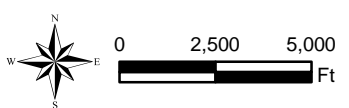
Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

- A
- B
- C
- D
- W



**City of Norman Stormwater Master Plan
Lower Little River**

Hydrologic Soil Groups

Scale: 1:60,000 Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 8.07

Current Zoning

Zoning	Percentage
A-2: Rural Agricultural	83.05%
R-1: Single Family Dwelling	4.87%
RE: Residential Estates	9.72%
T: Transportation	2.29%
TC: Tourist Commercial	0.08%

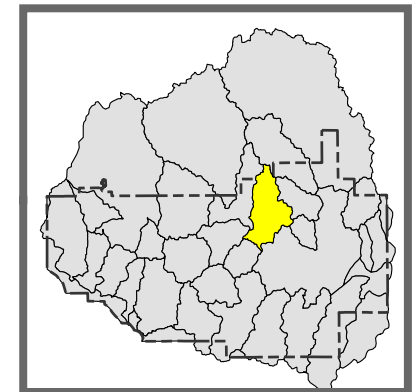
Projected Landuse

Landuse	Percentage
Commercial	0.07%
Country Residential	76.22%
Floodplain	3.96%
Lake/ Floodplain	0.22%
Low Density Residential	4.96%
Open	1.78%
Park	10.61%
Transportation	2.18%

Hydrologic Soil Group	Percentage
A	0.0%
B	53.4%
C	5.8%
D	40.1%
W	0.7%

FEMA Flood Zone	Percentage
100	13.3%
500	14.1%

Impervious (%): 3.9



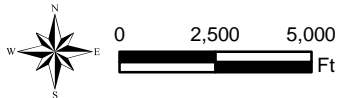
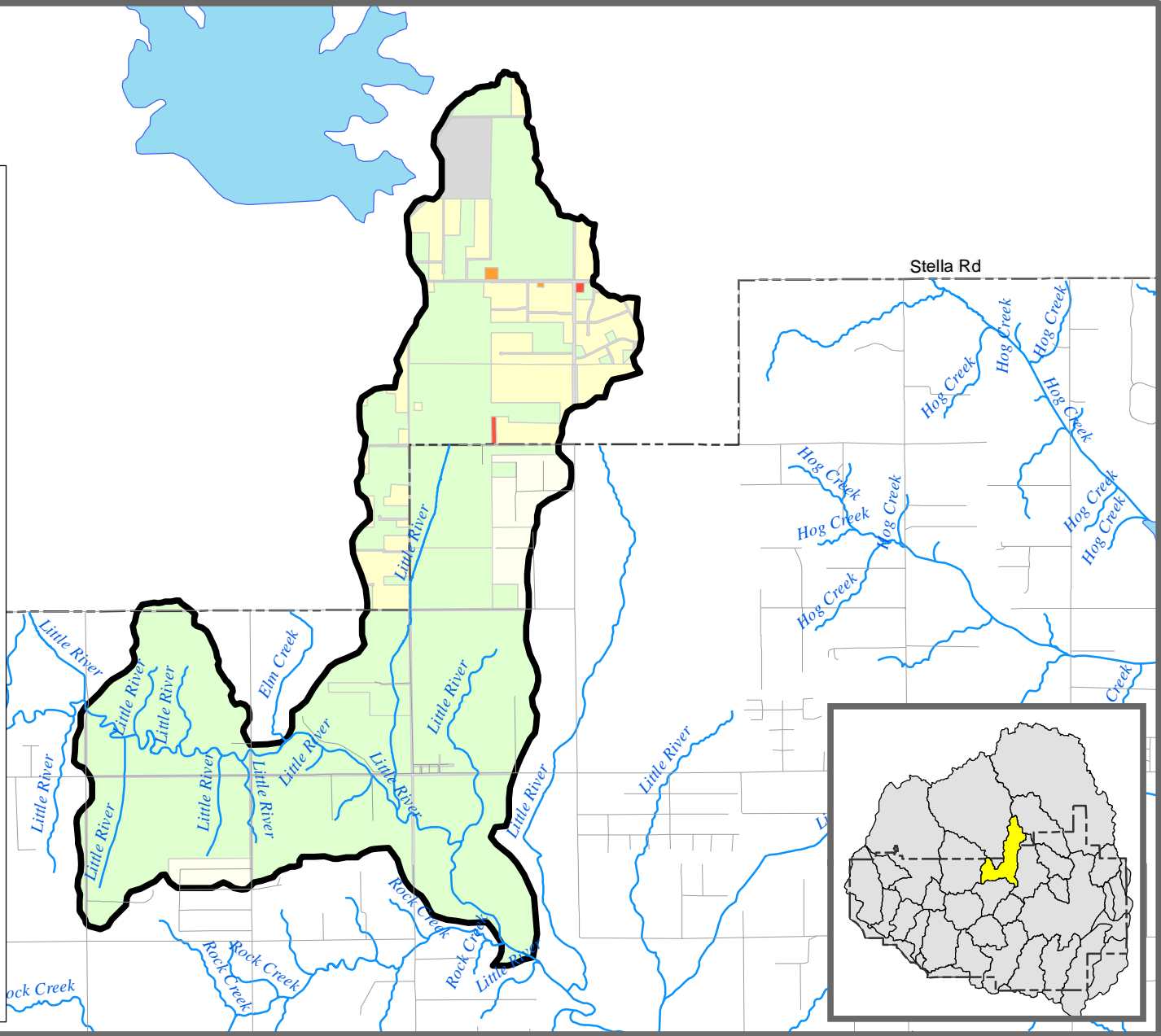
**City of Norman Stormwater Master Plan
Lower Little River**

Basin Statistics

Prepared By: Vieux & Associates, Inc.

Zoning

- A-1: General Agricultural
- A-2: Rural Agricultural
- C-1: Local Commercial
- C-2: General Commercial
- C-3: Intensive Commercial
- C-O: Suburban Office Commercial
- CR: Rural Commercial
- I-1: Light Industrial
- I-2: Heavy Industrial
- M-1: Restricted Industrial
- O-1: Office-Institutional
- PL: Park Land
- PUD: Planned Unit Development
- R-1: Single Family Dwelling
- R-1A: Single Family Attached Dwelling
- R-2: Two-Family Dwelling
- R-3: Multi-Family Dwelling
- RE: Residential Estates
- RM-2: Low Density Apartment
- RM-4: Mobile Home Park
- RM-6: Medium Density Apartment
- RO: Residence-Office
- ROW: Right Of Way
- T: Transportation
- TC: Tourist Commercial
- UNC: Unclassified



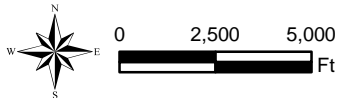
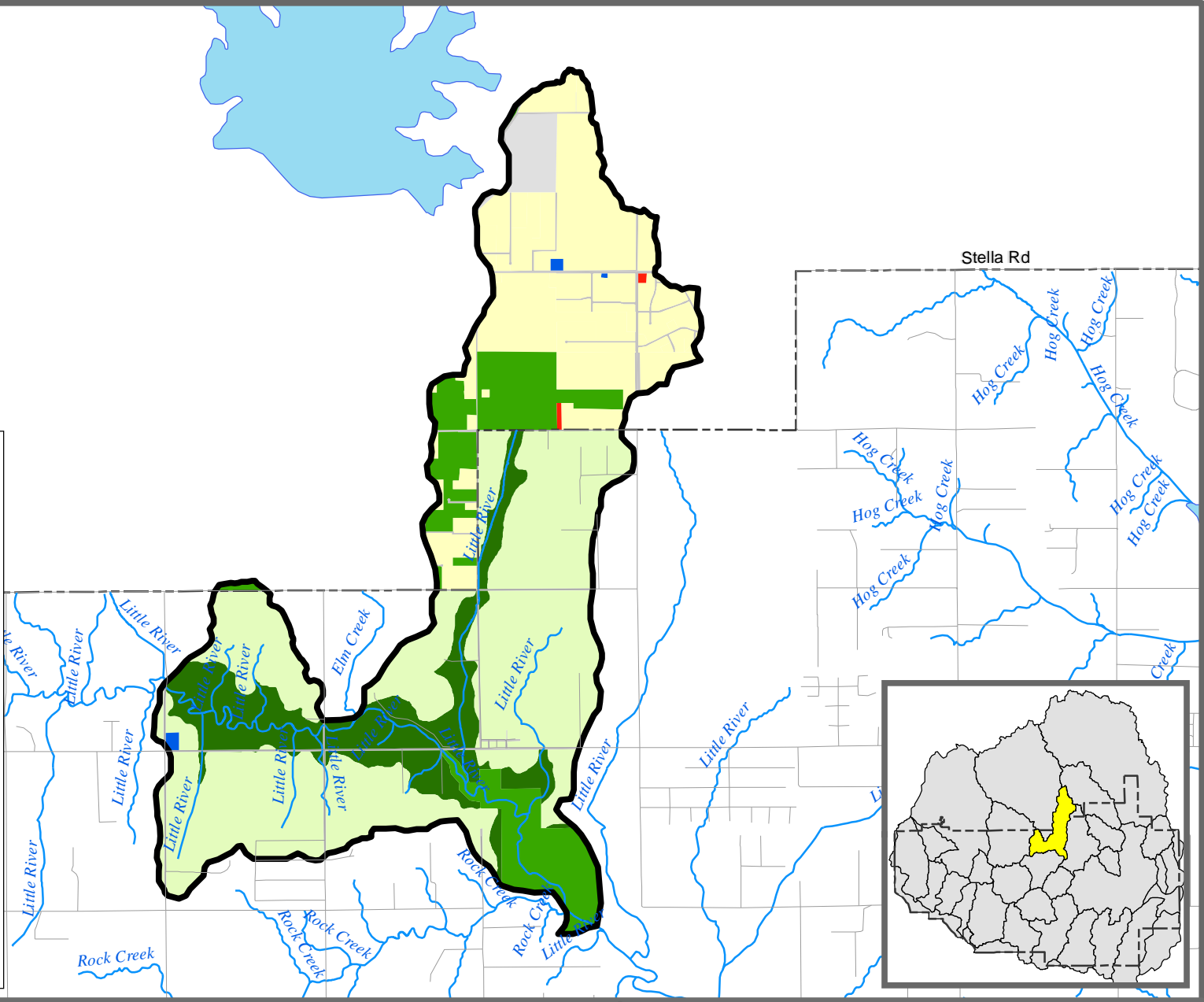
**City of Norman Stormwater Master Plan
Lower Mid Little River**

Current Zoning

Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.

- Projected 2025 Landuse**
- Commercial
 - Country Residential
 - Floodplain
 - High Density Residential
 - Industrial
 - Institutional
 - Lake
 - Low Density Residential
 - Medium Density Residential
 - Mixed Use
 - North Loop
 - Office
 - Open Space
 - Park
 - Right of Way
 - Transportation
 - Very Low Density Residential

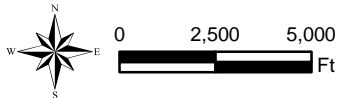
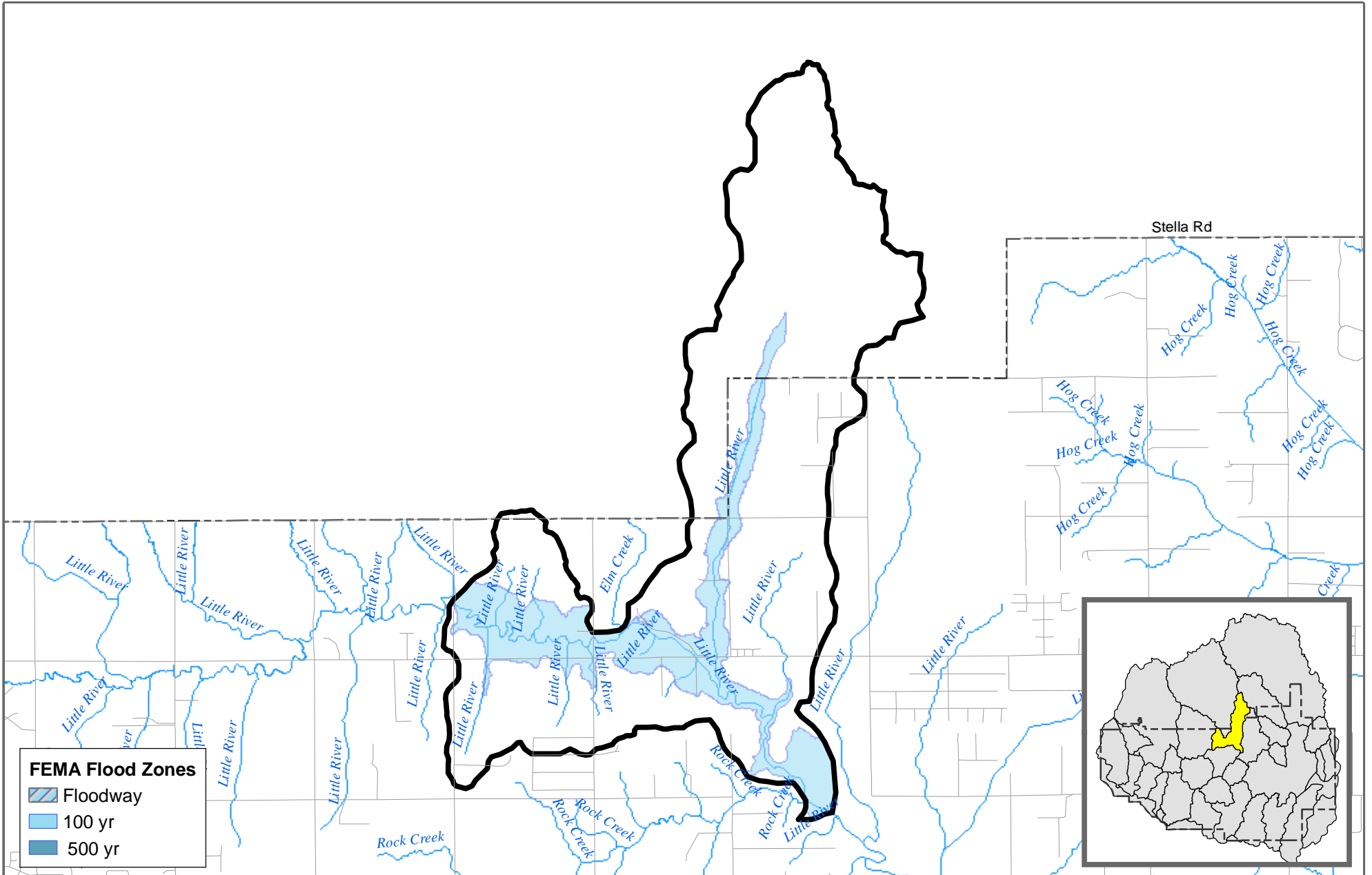


**City of Norman Stormwater Master Plan
Lower Mid Little River**

Projected 2025 Landuse

Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.

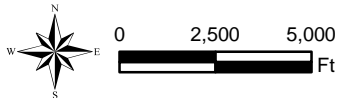
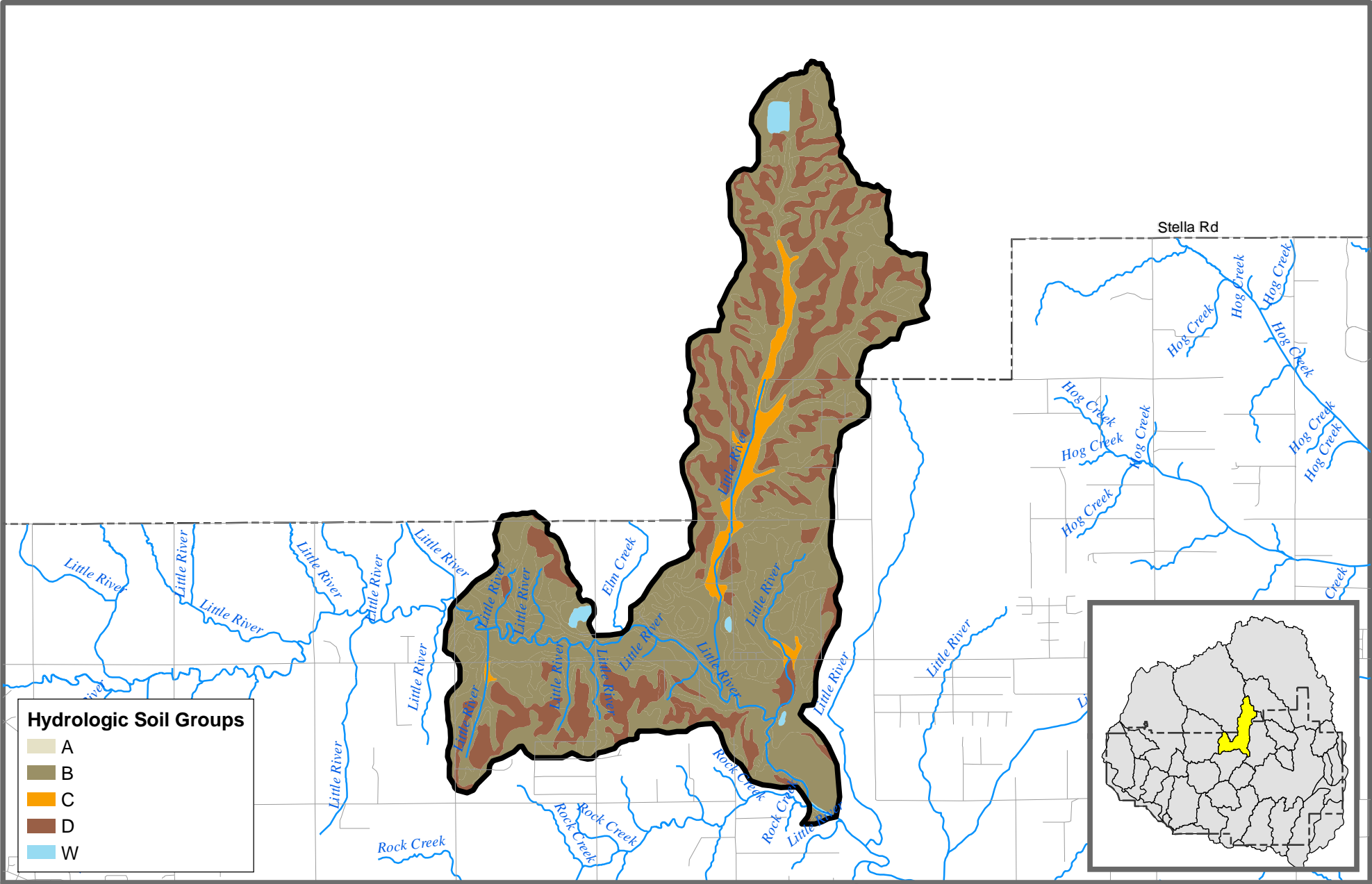


**City of Norman Stormwater Master Plan
Lower Mid Little River**

FEMA Flood Zones

Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.



**City of Norman Stormwater Master Plan
Lower Mid Little River**

Hydrologic Soil Groups

Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 7.26

Current Zoning

Zoning	Percentage
A-2: Rural Agricultural	77.59%
C-2: General Commercial	0.11%
I-1: Light Industrial	2.06%
O-1: Office-Institutional	0.09%
PL: Park Land	0.09%
R-1: Single Family Dwelling	12.28%
RE: Residential Estates	4.56%
T: Transportation	3.23%

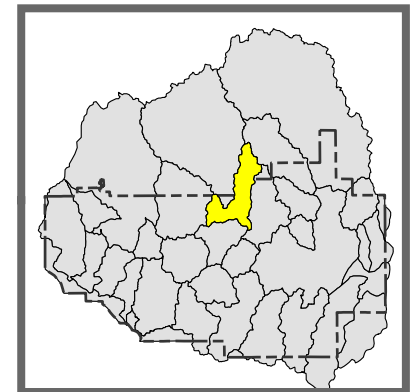
Projected Landuse

Landuse	Percentage
Commercial	0.1%
Country Residential	44.3%
Floodplain	14%
Industrial	2.1%
Institutional	0.2%
Low Density Residential	23.4%
Open	7.2%
Park	5.6%
Transportation	3.1%

Hydrologic Soil Group	Percentage
B	72.3%
C	3.2%
D	23.6%
W	0.9%

FEMA Flood Zone	Percentage
100	18.3%

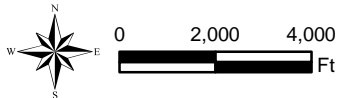
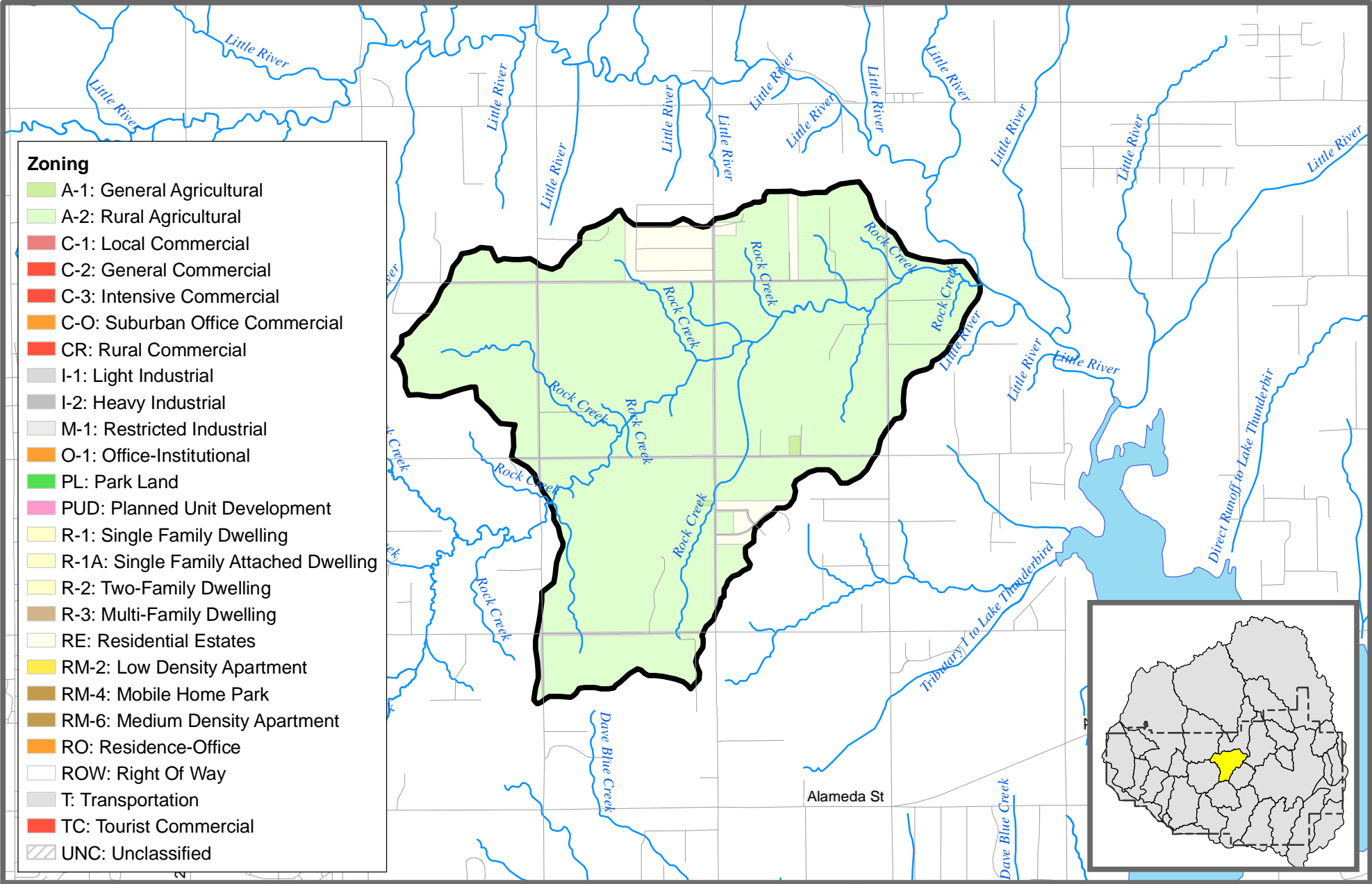
Impervious (%): 3.8



**City of Norman Stormwater Master Plan
Lower Mid Little River**

Basin Statistics

Prepared By: Vieux & Associates, Inc.

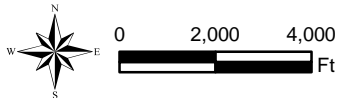
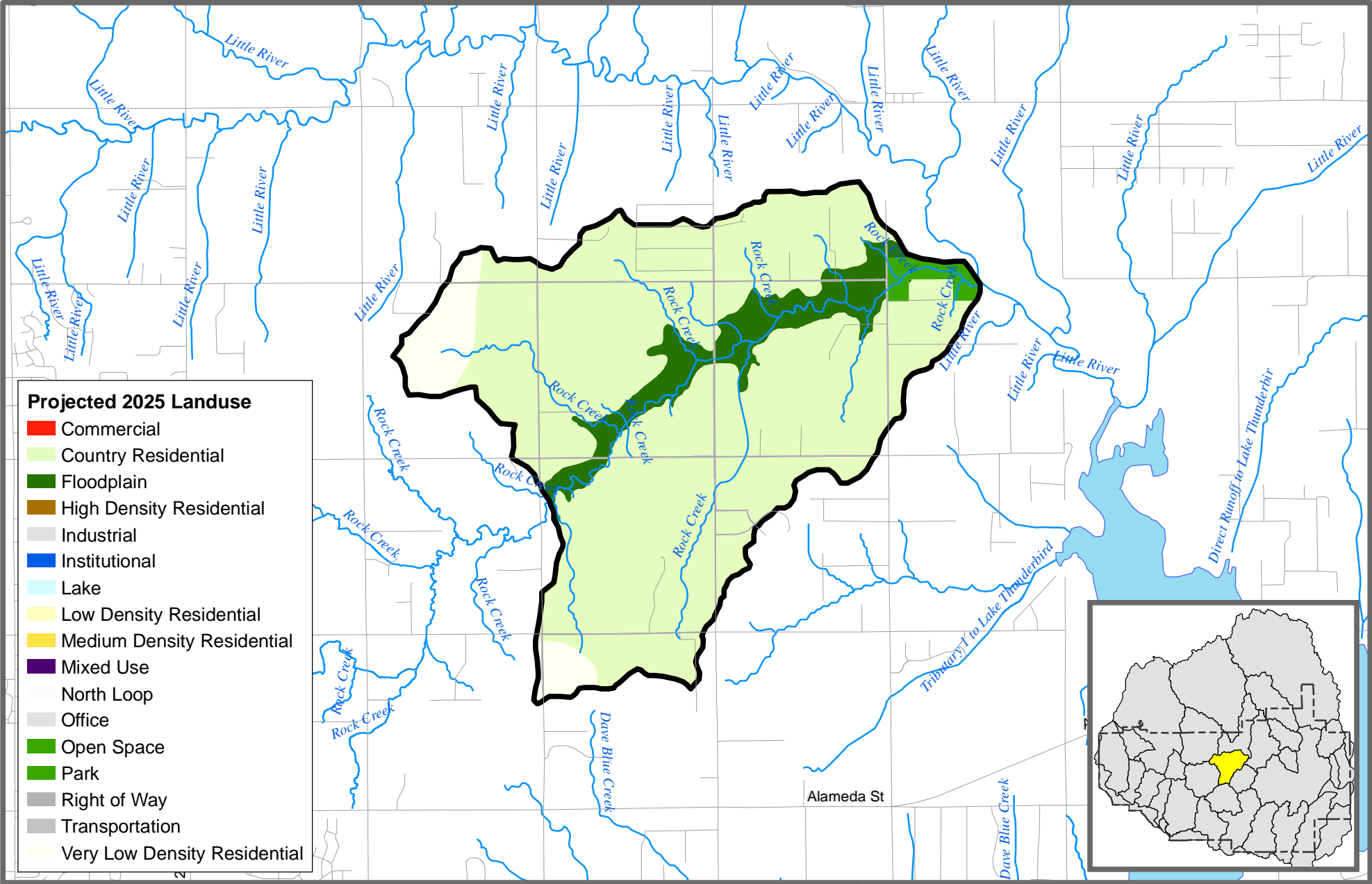


**City of Norman Stormwater Master Plan
Lower Rock Creek**

Current Zoning

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.

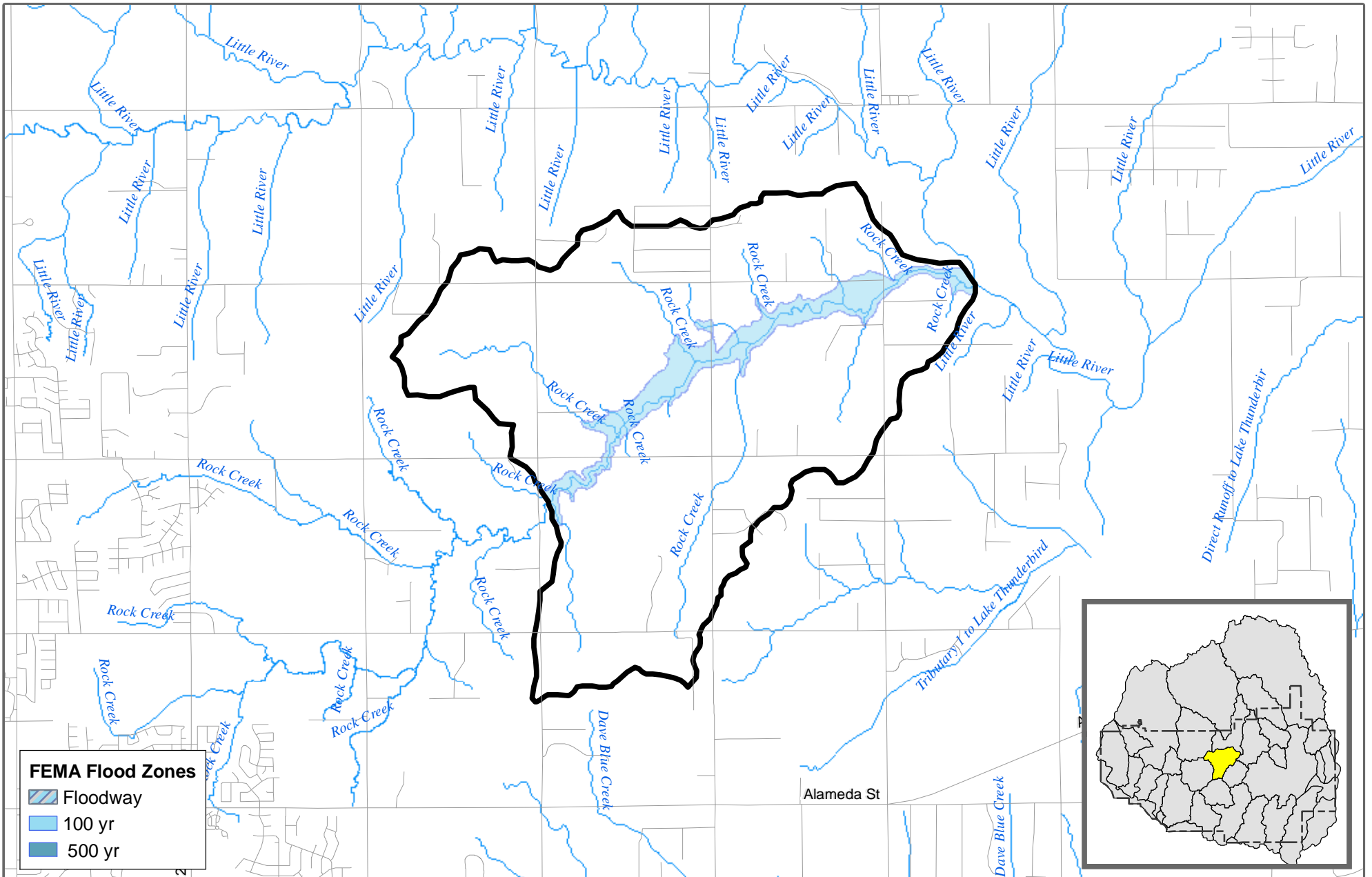


**City of Norman Stormwater Master Plan
Lower Rock Creek**




Projected 2025 Landuse

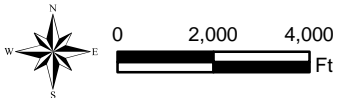
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

-  Floodway
-  100 yr
-  500 yr

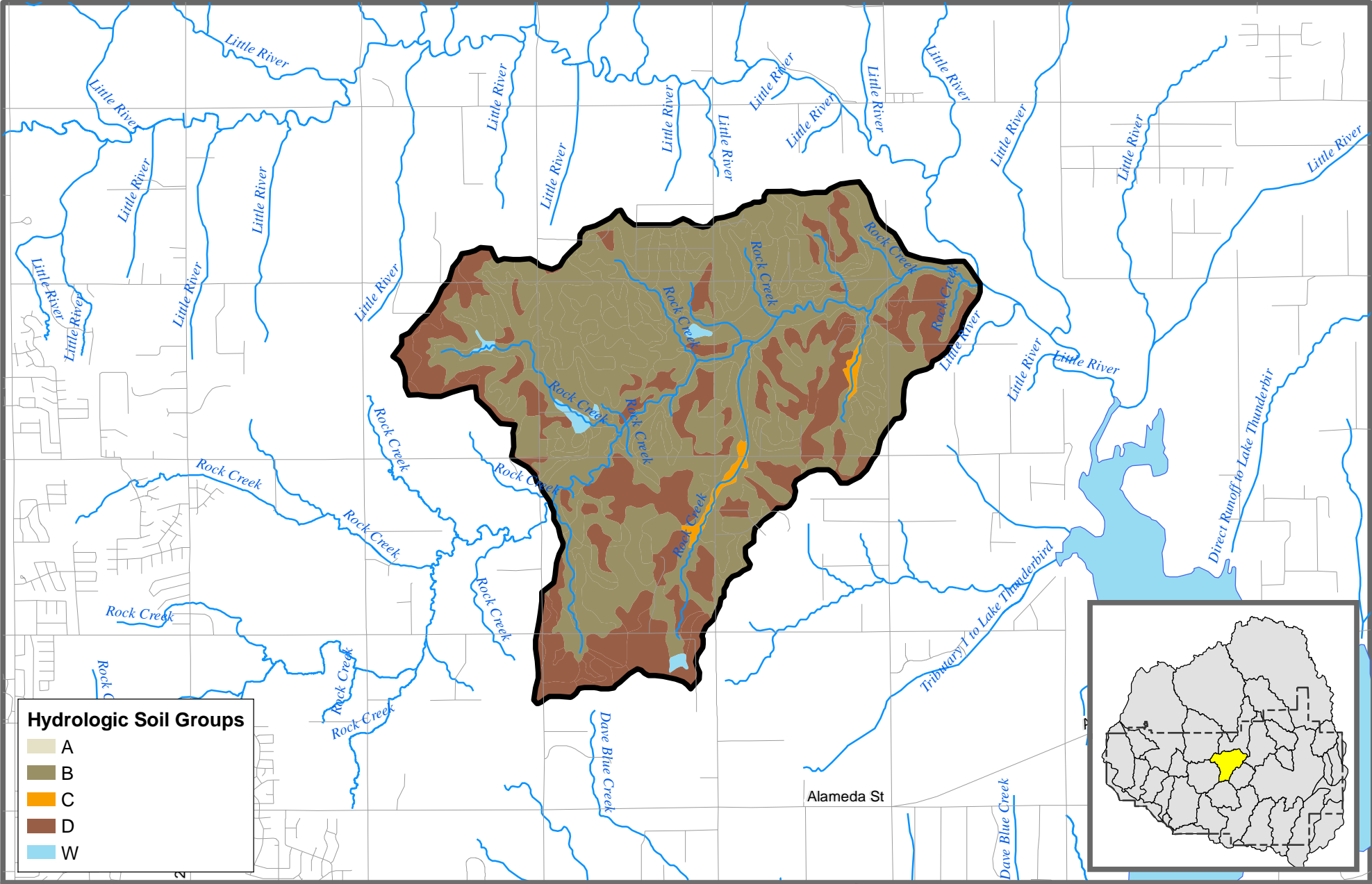


**City of Norman Stormwater Master Plan
Lower Rock Creek**

FEMA Flood Zones

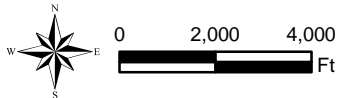
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

	A
	B
	C
	D
	W



**City of Norman Stormwater Master Plan
Lower Rock Creek**

Hydrologic Soil Groups

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 5.12

Current Zoning

Zoning	Percentage
A-1: General Agricultural	0.19%
A-2: Rural Agricultural	92.11%
RE: Residential Estates	4.8%
T: Transportation	2.9%

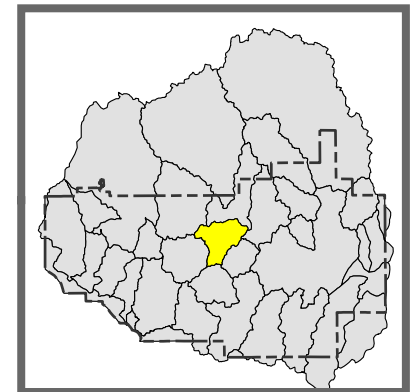
Projected Landuse

Landuse	Percentage
Country Residential	79.89%
Floodplain	9.45%
Park	1.69%
Transportation	2.83%
Very Low Density Residential	6.14%

Hydrologic Soil Group	Percentage
B	70.8%
C	1.0%
D	27.4%
W	0.8%

FEMA Flood Zone	Percentage
100	7.5%

Impervious (%): 3.3



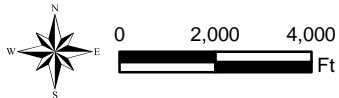
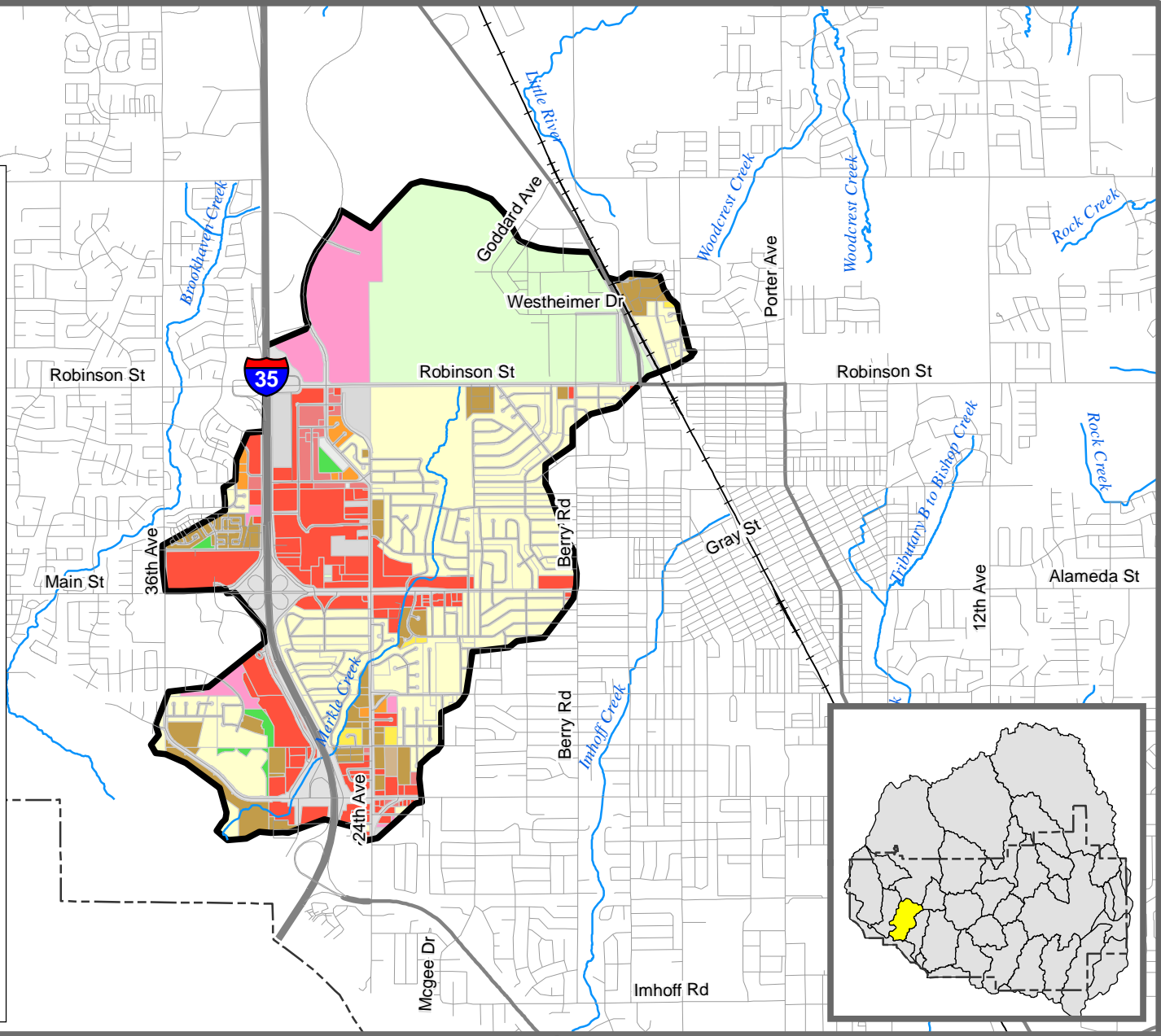
**City of Norman Stormwater Master Plan
Lower Rock Creek**

Basin Statistics

Prepared By: Vieux & Associates, Inc.

Zoning

- A-1: General Agricultural
- A-2: Rural Agricultural
- C-1: Local Commercial
- C-2: General Commercial
- C-3: Intensive Commercial
- C-O: Suburban Office Commercial
- CR: Rural Commercial
- I-1: Light Industrial
- I-2: Heavy Industrial
- M-1: Restricted Industrial
- O-1: Office-Institutional
- PL: Park Land
- PUD: Planned Unit Development
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- R-1A: Single Family Attached Dwelling
- R-2: Two-Family Dwelling
- R-3: Multi-Family Dwelling
- RE: Residential Estates
- RM-2: Low Density Apartment
- RM-4: Mobile Home Park
- RM-6: Medium Density Apartment
- RO: Residence-Office
- ROW: Right Of Way
- T: Transportation
- TC: Tourist Commercial
- UNC: Unclassified

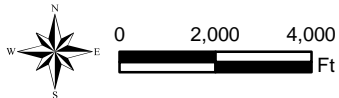
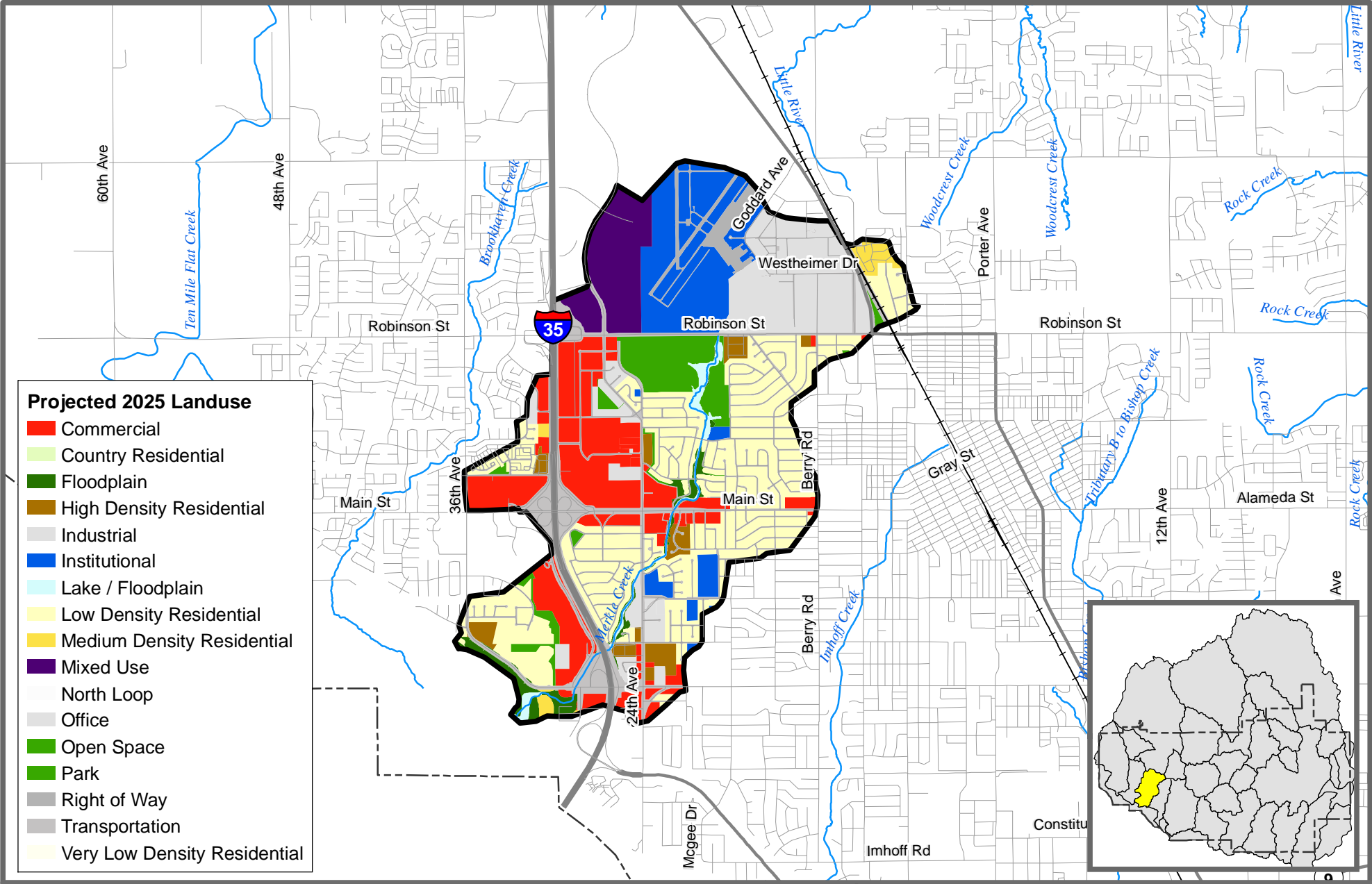


**City of Norman Stormwater Master Plan
Merkle Creek**

Current Zoning

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.

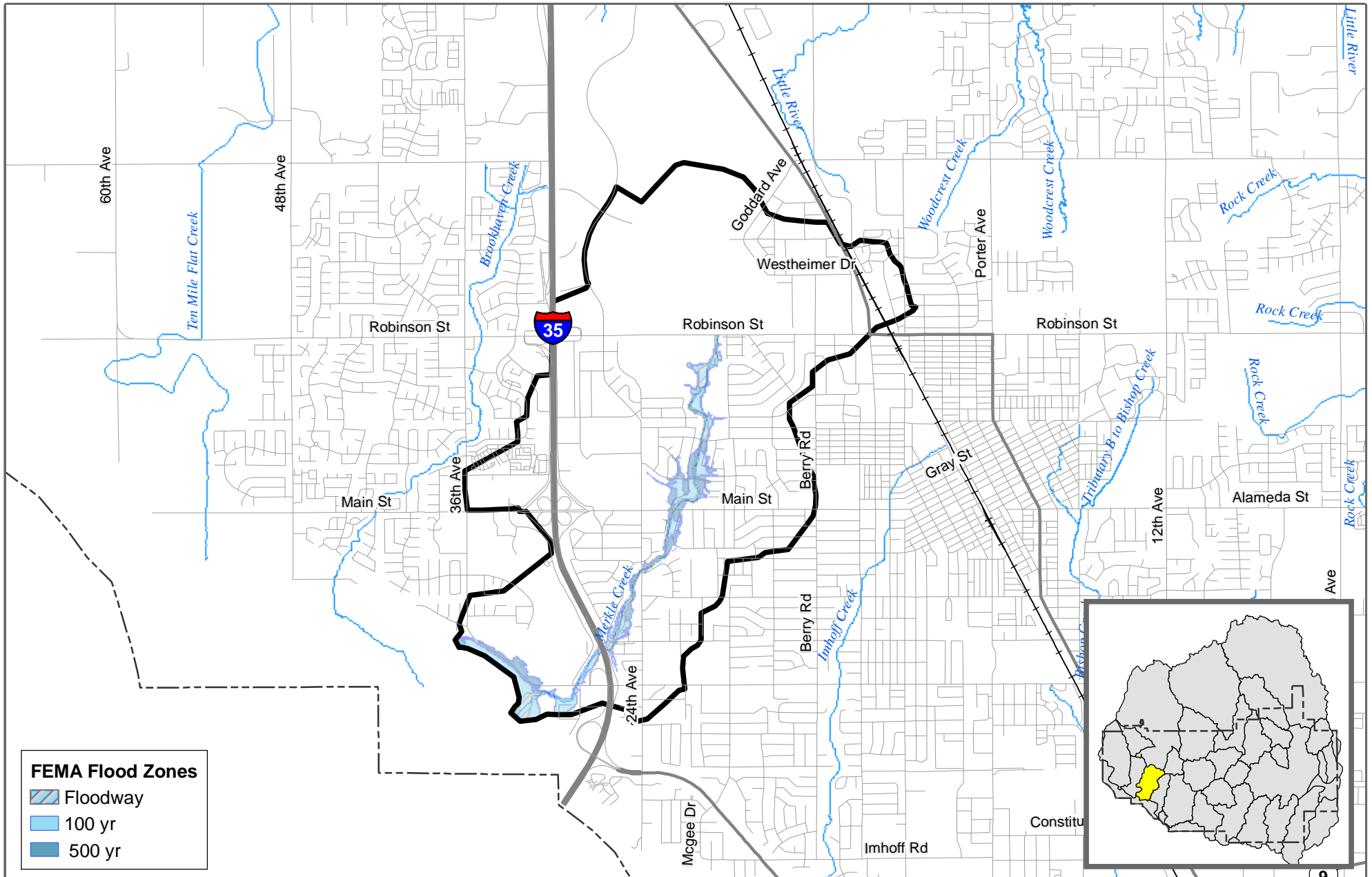


**City of Norman Stormwater Master Plan
Merkle Creek**




Projected 2025 Landuse

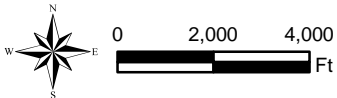
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Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

-  Floodway
-  100 yr
-  500 yr

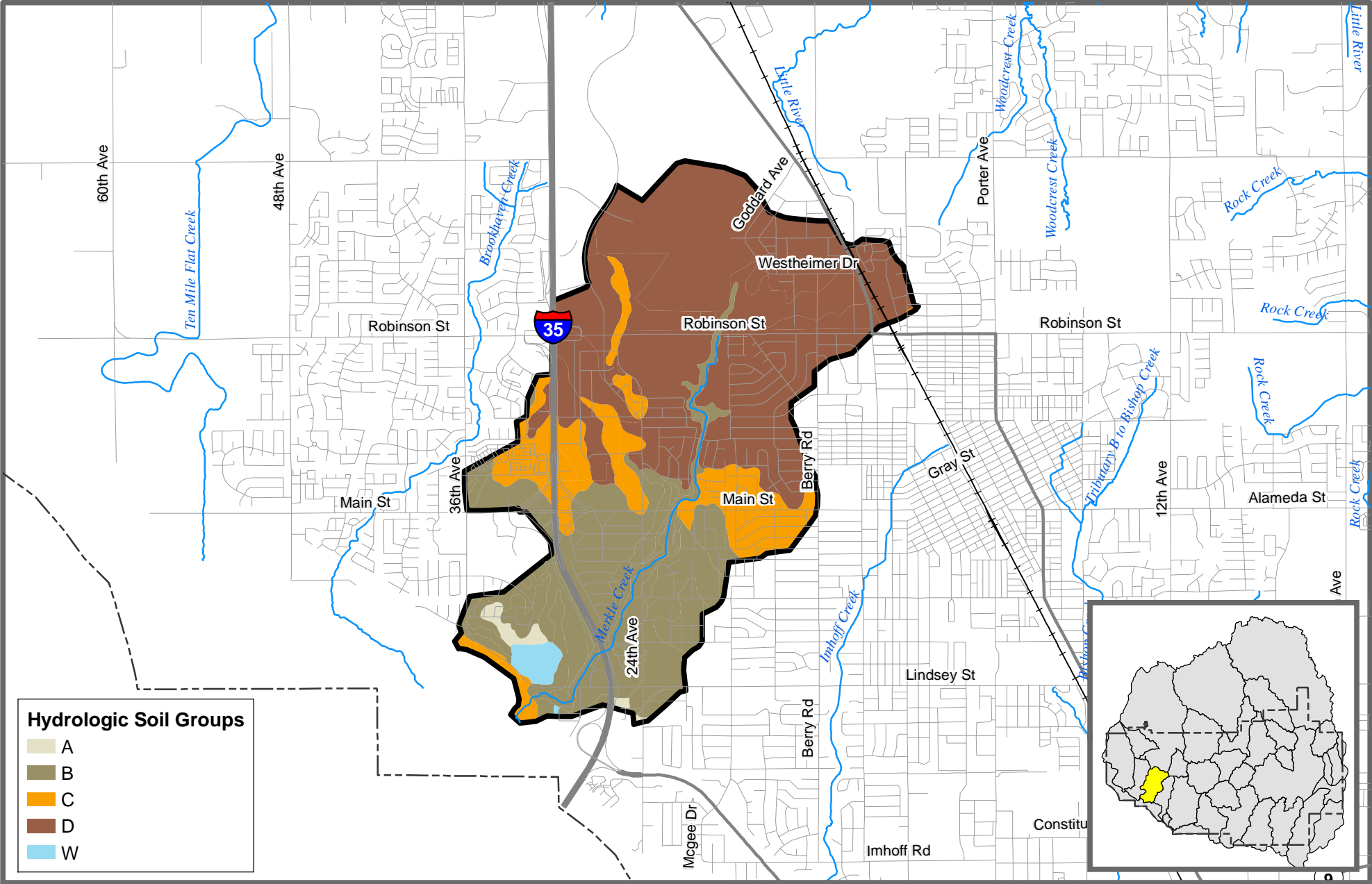


**City of Norman Stormwater Master Plan
Merkle Creek**

FEMA Flood Zones

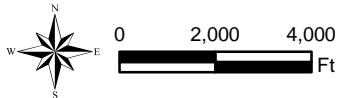
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

- A
- B
- C
- D
- W



**City of Norman Stormwater Master Plan
Merkle Creek**

Hydrologic Soil Groups

Scale: 1:48,000 Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 4.53

Current Zoning

Zoning	Percentage
A-2: Rural Agricultural	20.77%
C-1: Local Commercial	1.33%
C-2: General Commercial	13.14%
C-O: Suburban Office Commercial	0.64%
I-1: Light Industrial	1.82%
I-2: Heavy Industrial	0.02%
M-1: Restricted Industrial	0.18%
O-1: Office-Institutional	0.05%
PL: Park Land	0.69%
PUD: Planned Unit Development	6.34%
R-1: Single Family Dwelling	30.76%
R-3: Multi-Family Dwelling	0.2%
RM-2: Low Density Apartment	0.42%
RM-4: Mobile Home Park	0.89%
RM-6: Medium Density Apartment	5.17%
T: Transportation	17.59%

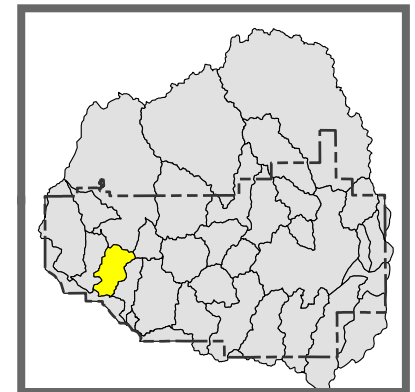
Projected Landuse

Landuse	Percentage
Commercial	14.41%
Floodplain	1.79%
High Density Residential	2.56%
Industrial	9.3%
Institutional	10.67%
Lake/ Floodplain	1.32%
Low Density Residential	25.36%
Medium Density Residential	1.13%
Mixed Use	5.52%
Office	2.54%
Open	0.75%
Park	4.52%
Right of Way	2.1%
Transportation	18.04%

Hydrologic Soil Group	Percentage
A	0.9%
B	31.3%
C	14.0%
D	52.5%
W	1.2%

FEMA Flood Zone	Percentage
100	3.5%
500	4.8%
Floodway	1.1%

Impervious (%): 35.4



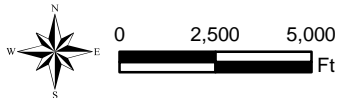
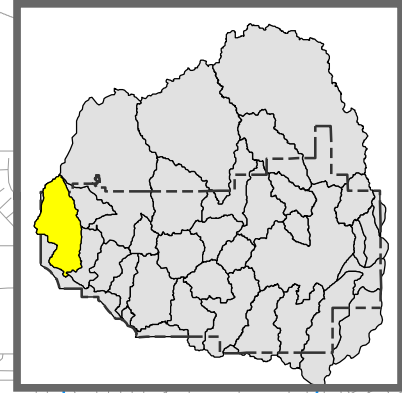
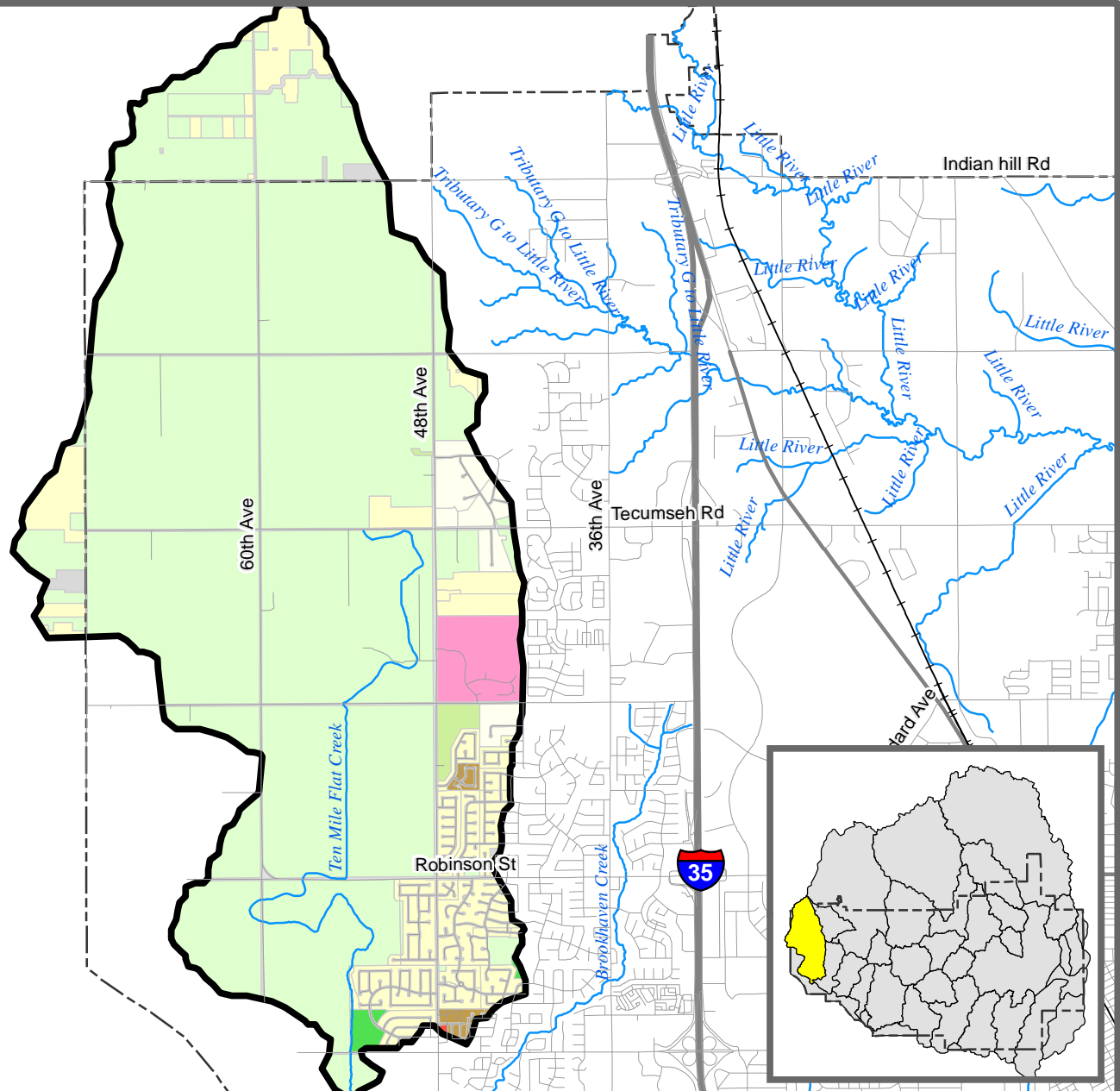
City of Norman Stormwater Master Plan Merkle Creek

Basin Statistics

Prepared By: Vieux & Associates, Inc.

Zoning

- A-1: General Agricultural
- A-2: Rural Agricultural
- C-1: Local Commercial
- C-2: General Commercial
- C-3: Intensive Commercial
- C-O: Suburban Office Commercial
- CR: Rural Commercial
- I-1: Light Industrial
- I-2: Heavy Industrial
- M-1: Restricted Industrial
- O-1: Office-Institutional
- PL: Park Land
- PUD: Planned Unit Development
- R-1: Single Family Dwelling
- R-1A: Single Family Attached Dwelling
- R-2: Two-Family Dwelling
- R-3: Multi-Family Dwelling
- RE: Residential Estates
- RM-2: Low Density Apartment
- RM-4: Mobile Home Park
- RM-6: Medium Density Apartment
- RO: Residence-Office
- ROW: Right Of Way
- T: Transportation
- TC: Tourist Commercial
- UNC: Unclassified

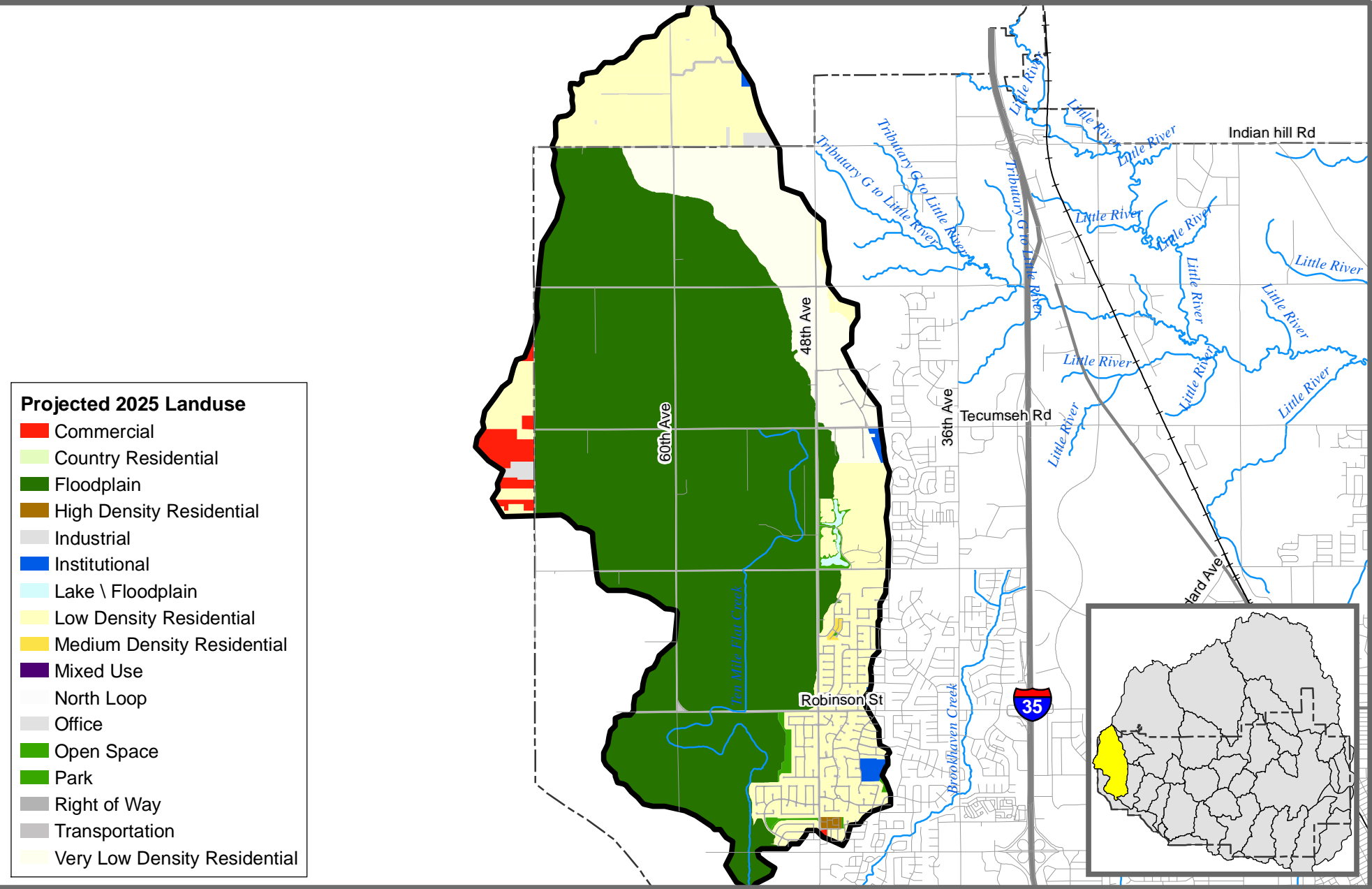


**City of Norman Stormwater Master Plan
Ten Mile Flat**

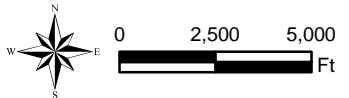
Current Zoning

Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.



- Projected 2025 Landuse**
- Commercial
 - Country Residential
 - Floodplain
 - High Density Residential
 - Industrial
 - Institutional
 - Lake \ Floodplain
 - Low Density Residential
 - Medium Density Residential
 - Mixed Use
 - North Loop
 - Office
 - Open Space
 - Park
 - Right of Way
 - Transportation
 - Very Low Density Residential

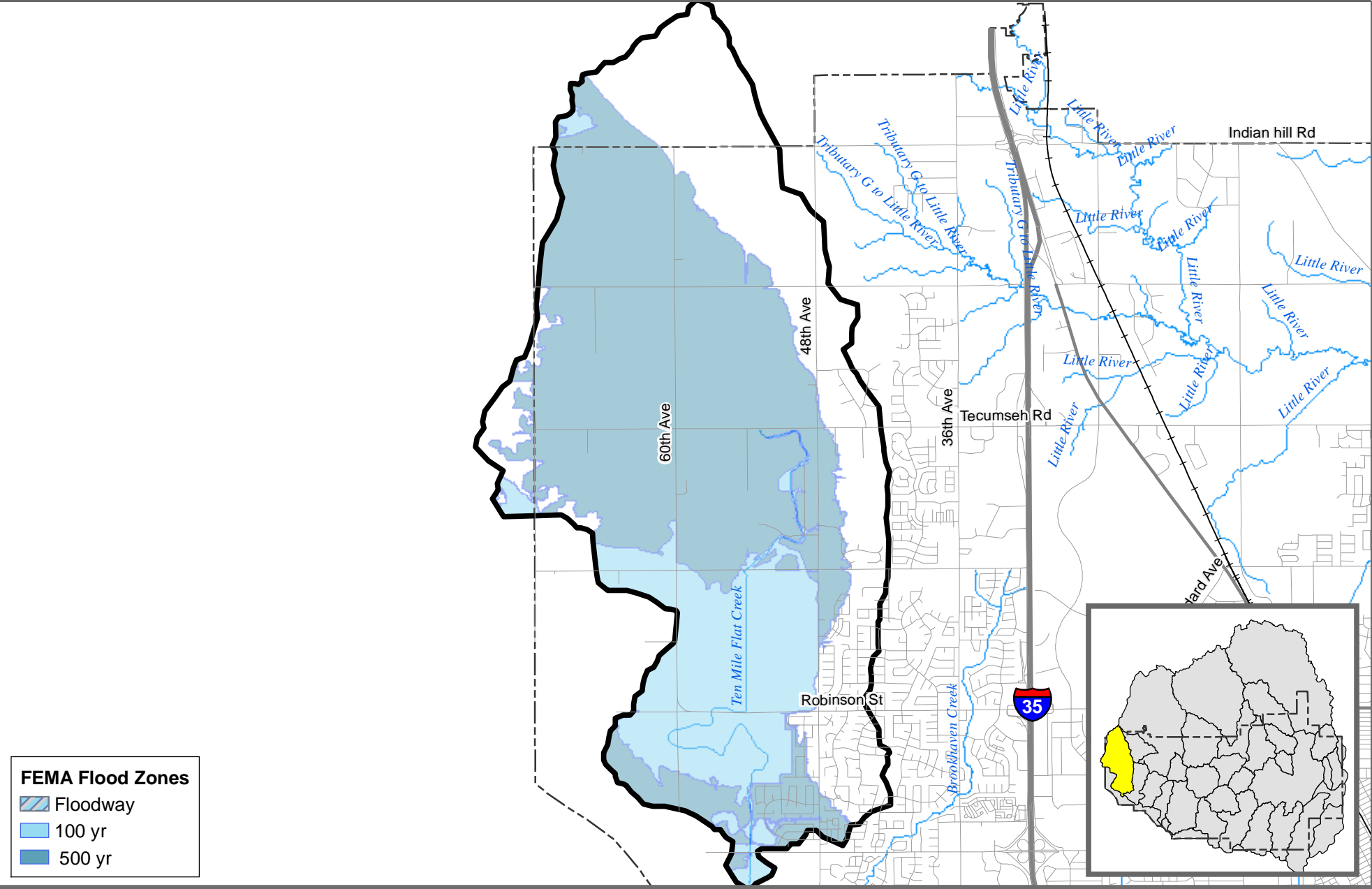


**City of Norman Stormwater Master Plan
Ten Mile Flat**

Projected 2025 Landuse

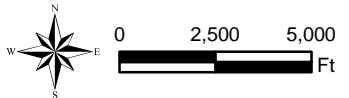
Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

- Floodway
- 100 yr
- 500 yr

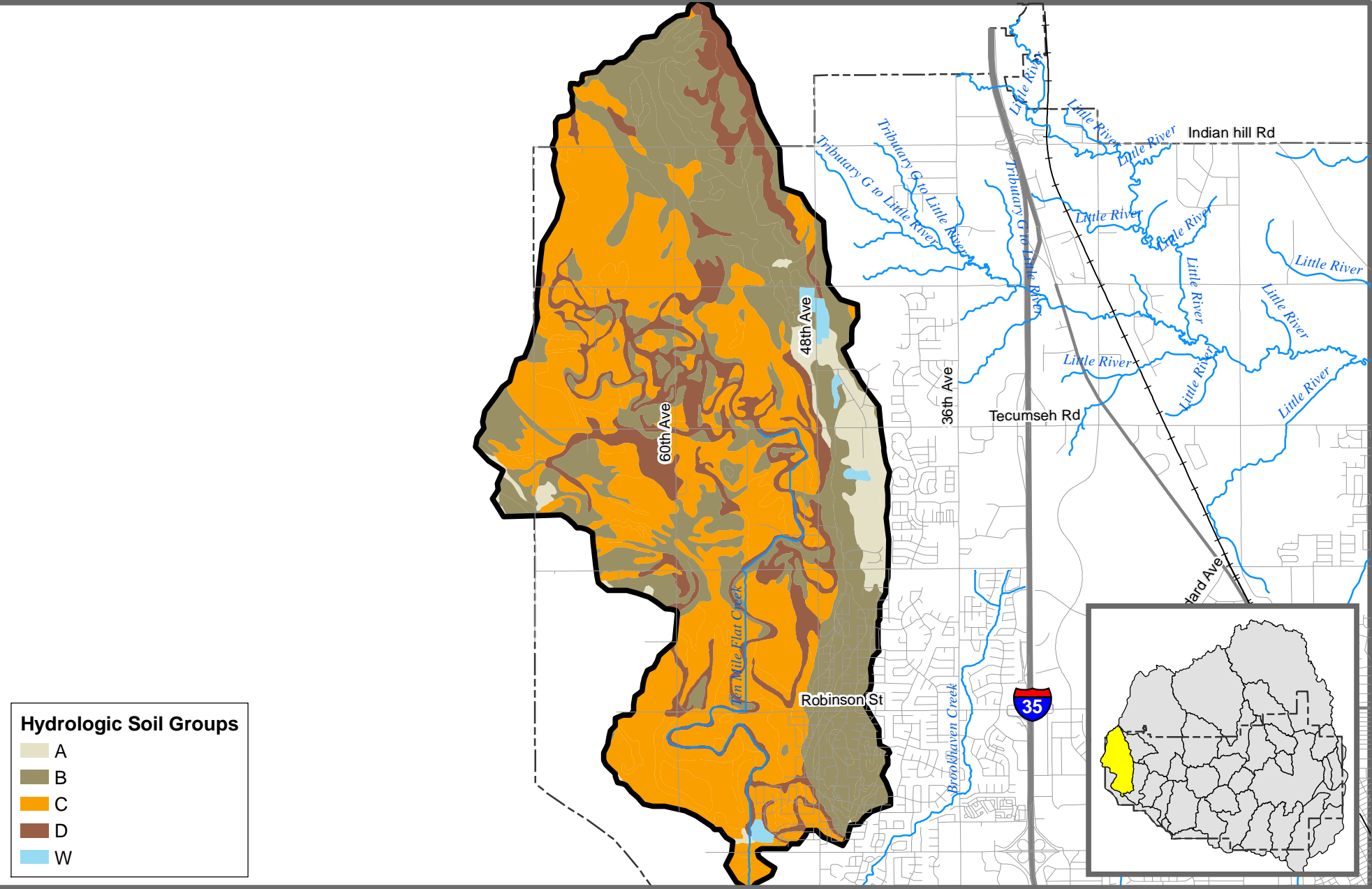


**City of Norman Stormwater Master Plan
Ten Mile Flat**

FEMA Flood Zones

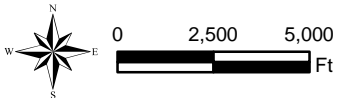
Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

- A
- B
- C
- D
- W



**City of Norman Stormwater Master Plan
Ten Mile Flat**

Hydrologic Soil Groups

Scale: 1:60,000 Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 10.96

Current Zoning

Zoning	Percentage
A-1: General Agricultural	0.57%
A-2: Rural Agricultural	78.33%
C-2: General Commercial	0.02%
I-1: Light Industrial	0.47%
PL: Park Land	0.41%
PUD: Planned Unit Development	2.19%
R-1: Single Family Dwelling	10.8%
RE: Residential Estates	2.17%
RM-6: Medium Density Apartment	0.44%
T: Transportation	4.61%

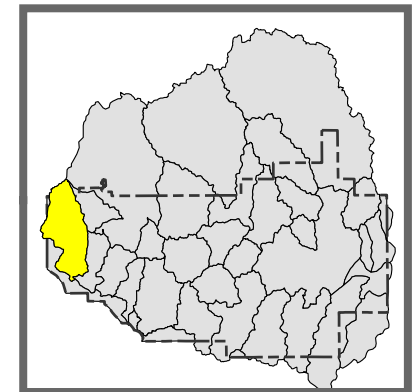
Projected Landuse

Landuse	Percentage
Commercial	1.27%
Floodplain	62.37%
High Density Residential	0.1%
Industrial	0.45%
Institutional	0.44%
Lake/ Floodplain	0.19%
Low Density Residential	19.89%
Medium Density Residential	0.08%
Open	0.25%
Park	0.34%
Transportation	4.51%
Very Low Density Residential	10.1%

Hydrologic Soil Group	Percentage
A	4.6%
B	35.7%
C	44.6%
D	14.3%
W	0.8%

FEMA Flood Zone	Percentage
100	19.0%
500	70.8%
Floodway	0.0%

Impervious (%): 7.1



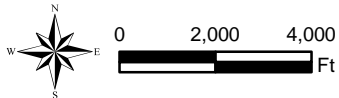
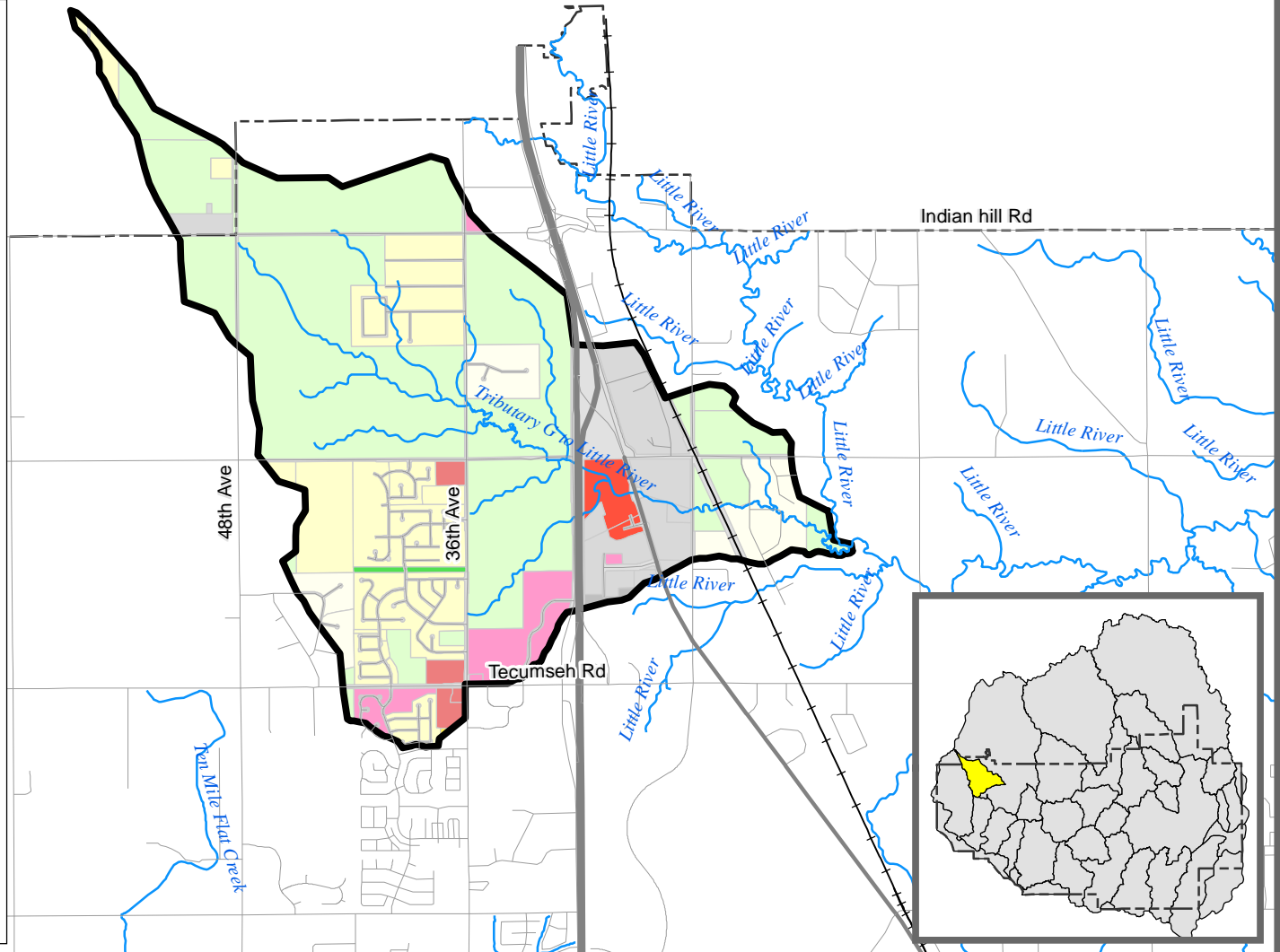
**City of Norman Stormwater Master Plan
Ten Mile Flat**

Basin Statistics

Prepared By: Vieux & Associates, Inc.

Zoning

- A-1: General Agricultural
- A-2: Rural Agricultural
- C-1: Local Commercial
- C-2: General Commercial
- C-3: Intensive Commercial
- C-O: Suburban Office Commercial
- CR: Rural Commercial
- I-1: Light Industrial
- I-2: Heavy Industrial
- M-1: Restricted Industrial
- O-1: Office-Institutional
- PL: Park Land
- PUD: Planned Unit Development
- R-1: Single Family Dwelling
- R-1A: Single Family Attached Dwelling
- R-2: Two-Family Dwelling
- R-3: Multi-Family Dwelling
- RE: Residential Estates
- RM-2: Low Density Apartment
- RM-4: Mobile Home Park
- RM-6: Medium Density Apartment
- RO: Residence-Office
- ROW: Right Of Way
- T: Transportation
- TC: Tourist Commercial
- UNC: Unclassified

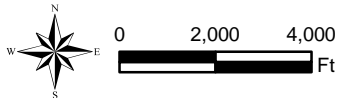
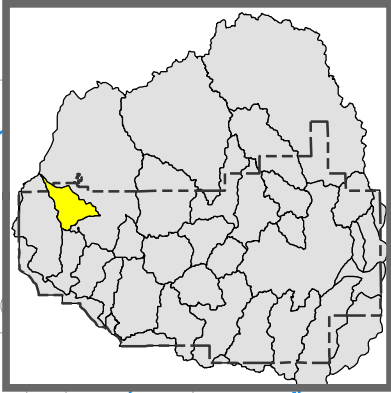
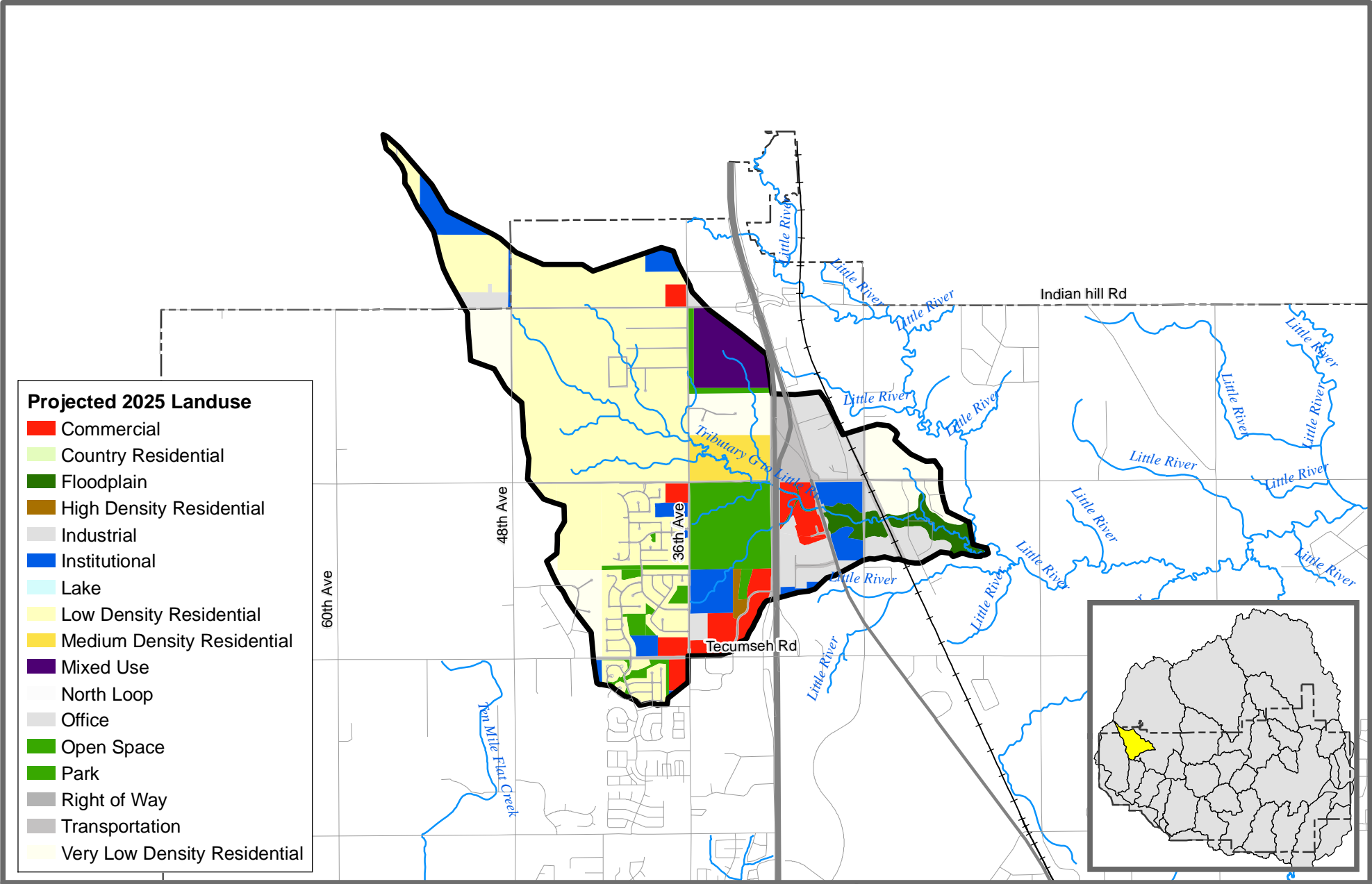


**City of Norman Stormwater Master Plan
Tributary G to Little River**

Current Zoning

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.

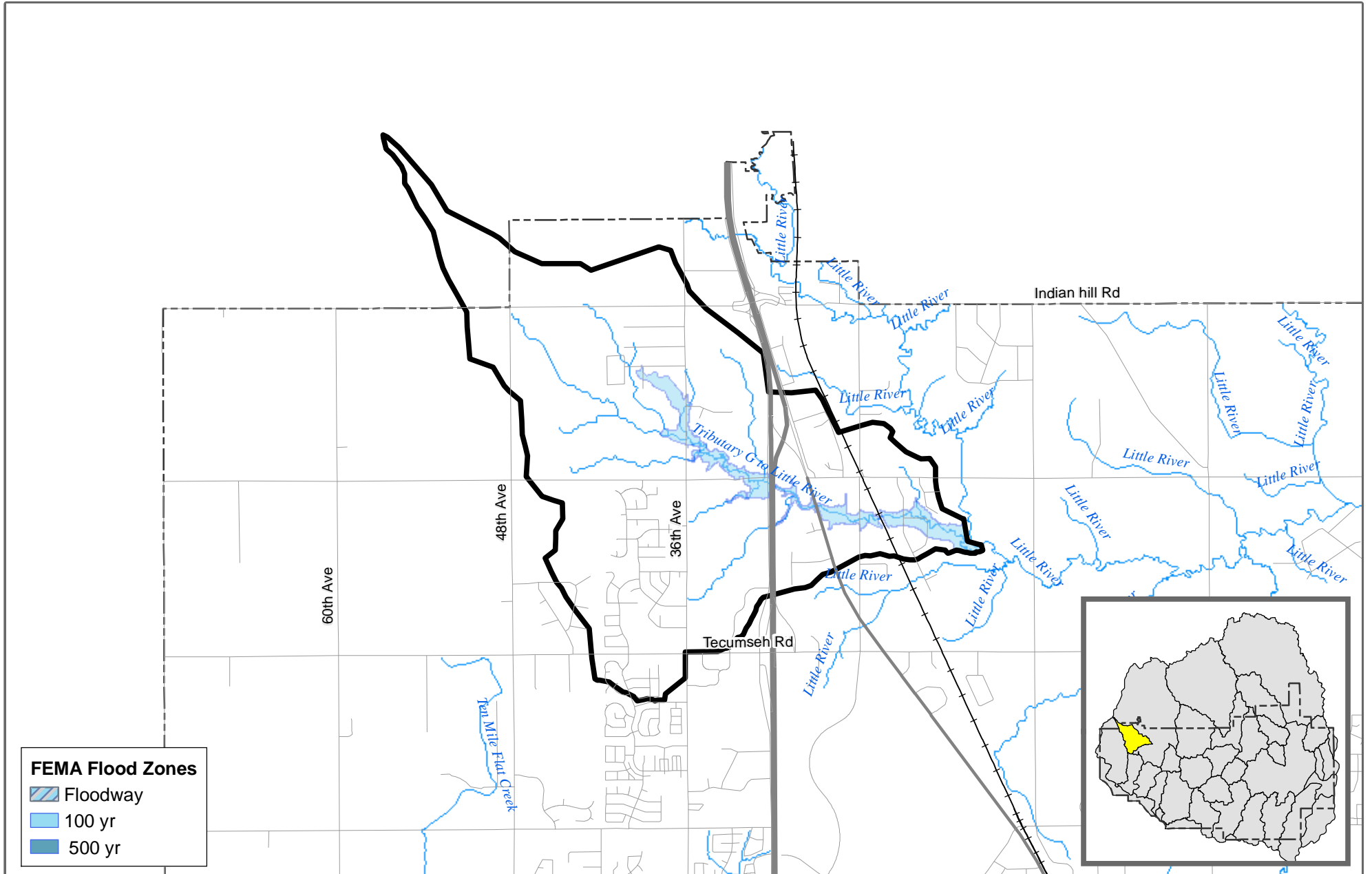


**City of Norman Stormwater Master Plan
Tributary G to Little River**

Projected 2025 Landuse

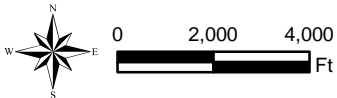
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

- Floodway
- 100 yr
- 500 yr

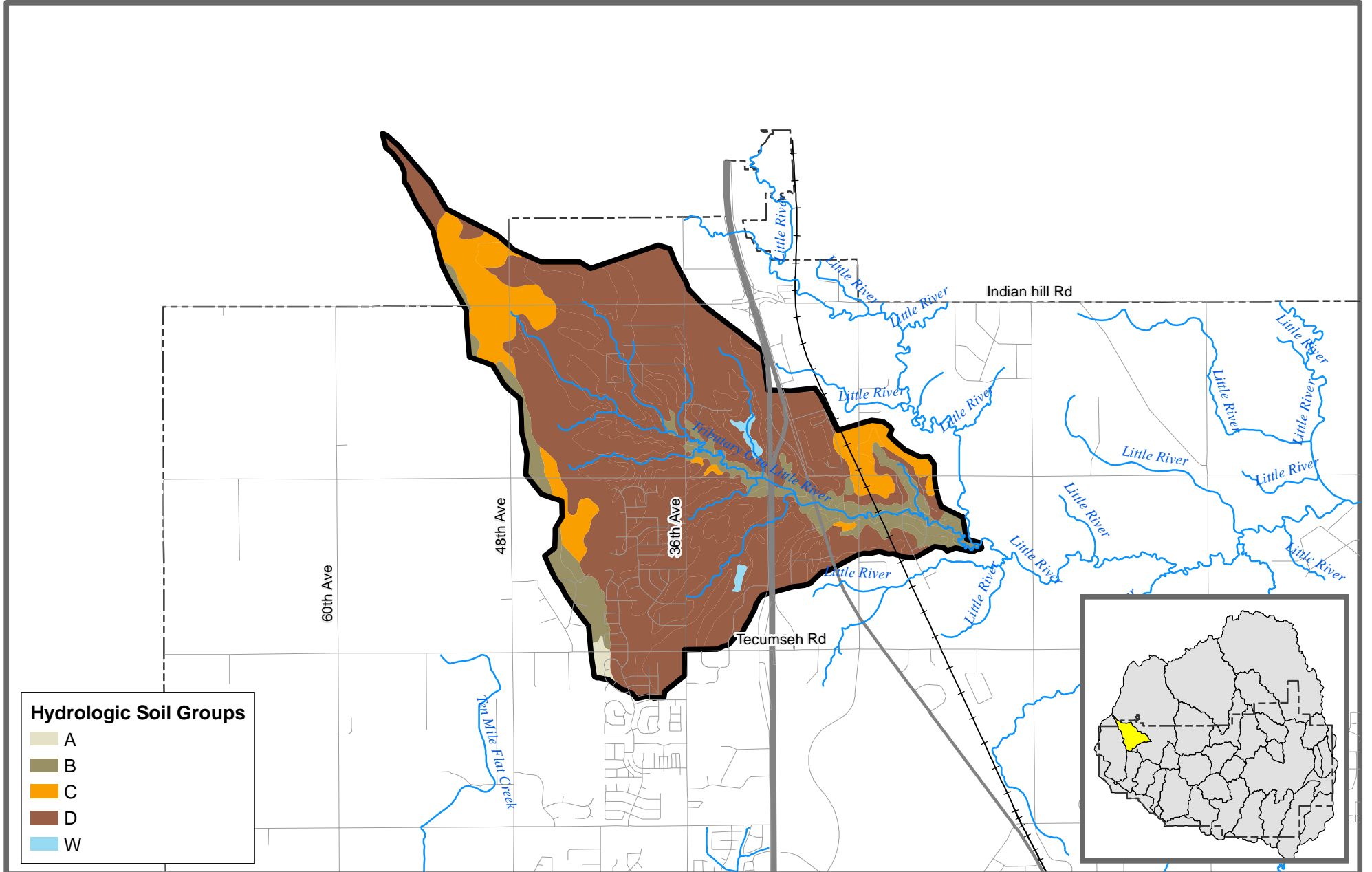


**City of Norman Stormwater Master Plan
Tributary G to Little River**

FEMA Flood Zones

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

- A
- B
- C
- D
- W



0 2,000 4,000
Ft



**City of Norman Stormwater Master Plan
Tributary G to Little River**

Hydrologic Soil Groups

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 4.06

Current Zoning

Zoning	Percentage
A-2: Rural Agricultural	50.89%
C-1: Local Commercial	1.29%
C-2: General Commercial	1.51%
I-1: Light Industrial	7.46%
I-2: Heavy Industrial	0.22%
M-1: Restricted Industrial	0%
PL: Park Land	0.29%
PUD: Planned Unit Developme	4.03%
R-1: Single Family Dwelling	17.8%
RE: Residential Estates	6.72%
RM-2: Low Density Apartment	0.03%
T: Transportation	9.75%

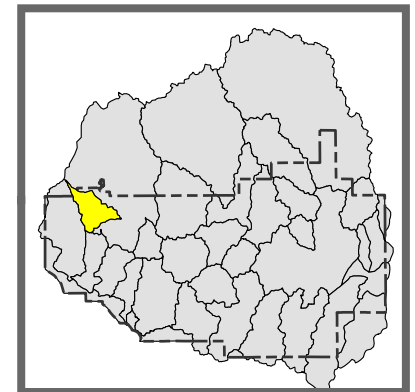
Projected Landuse

Landuse	Percentage
Commercial	4.97%
Floodplain	2.86%
High Density Residential	0.34%
Industrial	7.32%
Institutional	6.11%
Low Density Residential	43.74%
Medium Density Residential	2.87%
Mixed Use	3.56%
Office	0.37%
Open	0.41%
Park	7.51%
Transportation	9.76%
Very Low Density Residential	10.19%

Hydrologic Soil Group	Percentage
A	0.6%
B	11.5%
C	11.5%
D	76.0%
W	0.5%

FEMA Flood Zone	Percentage
100	4.7%

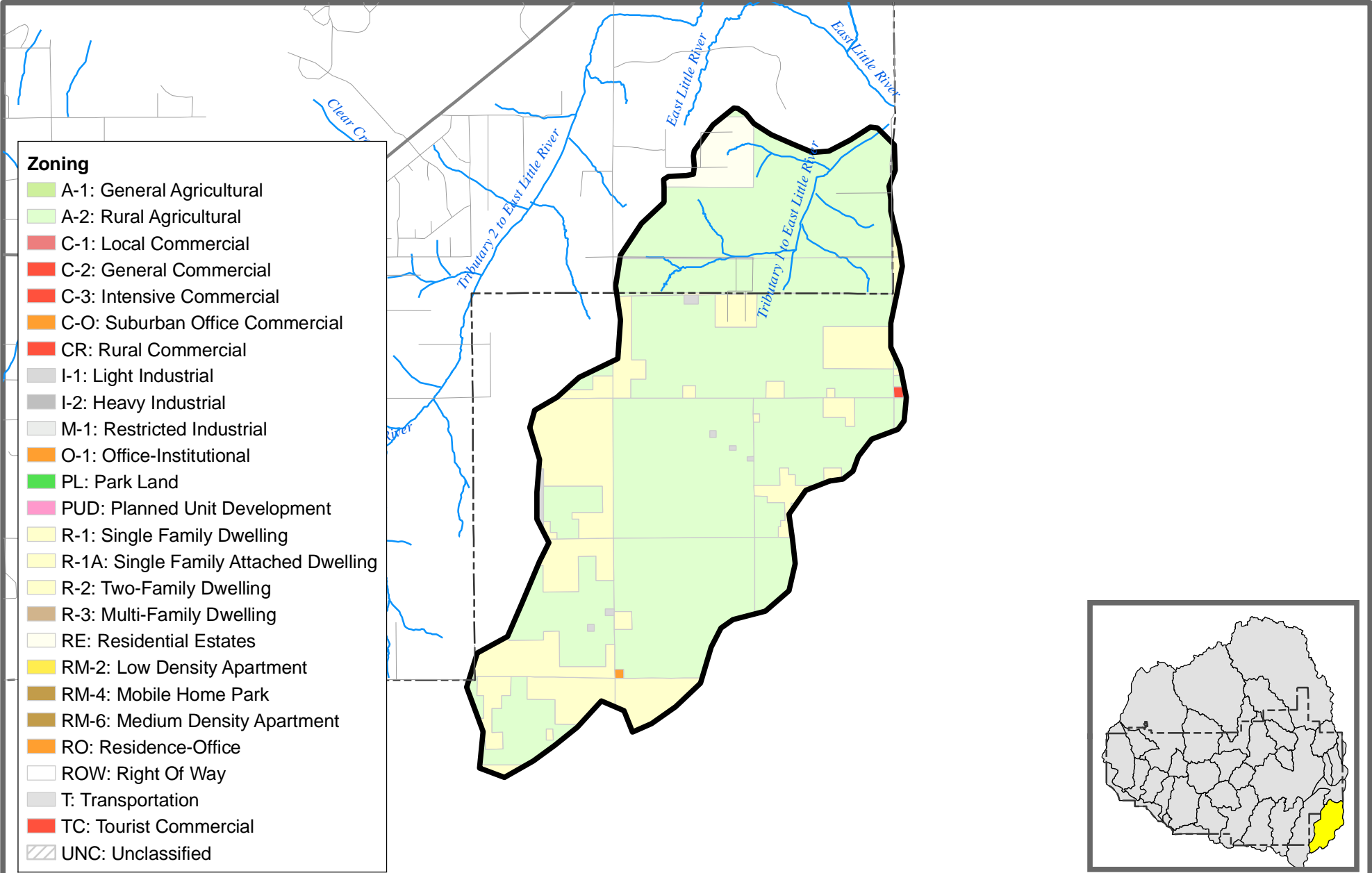
Impervious (%): 12.4



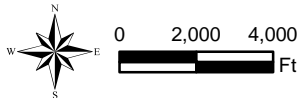
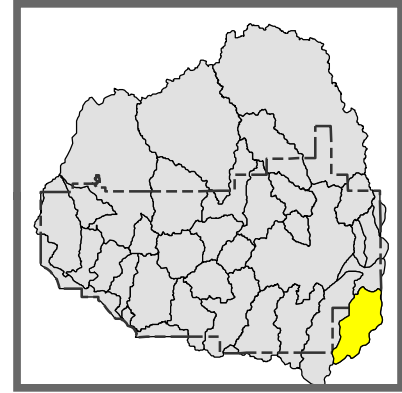
City of Norman Stormwater Master Plan
Tributary G to Little River

Basin Statistics

Prepared By: Vieux & Associates, Inc.



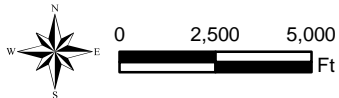
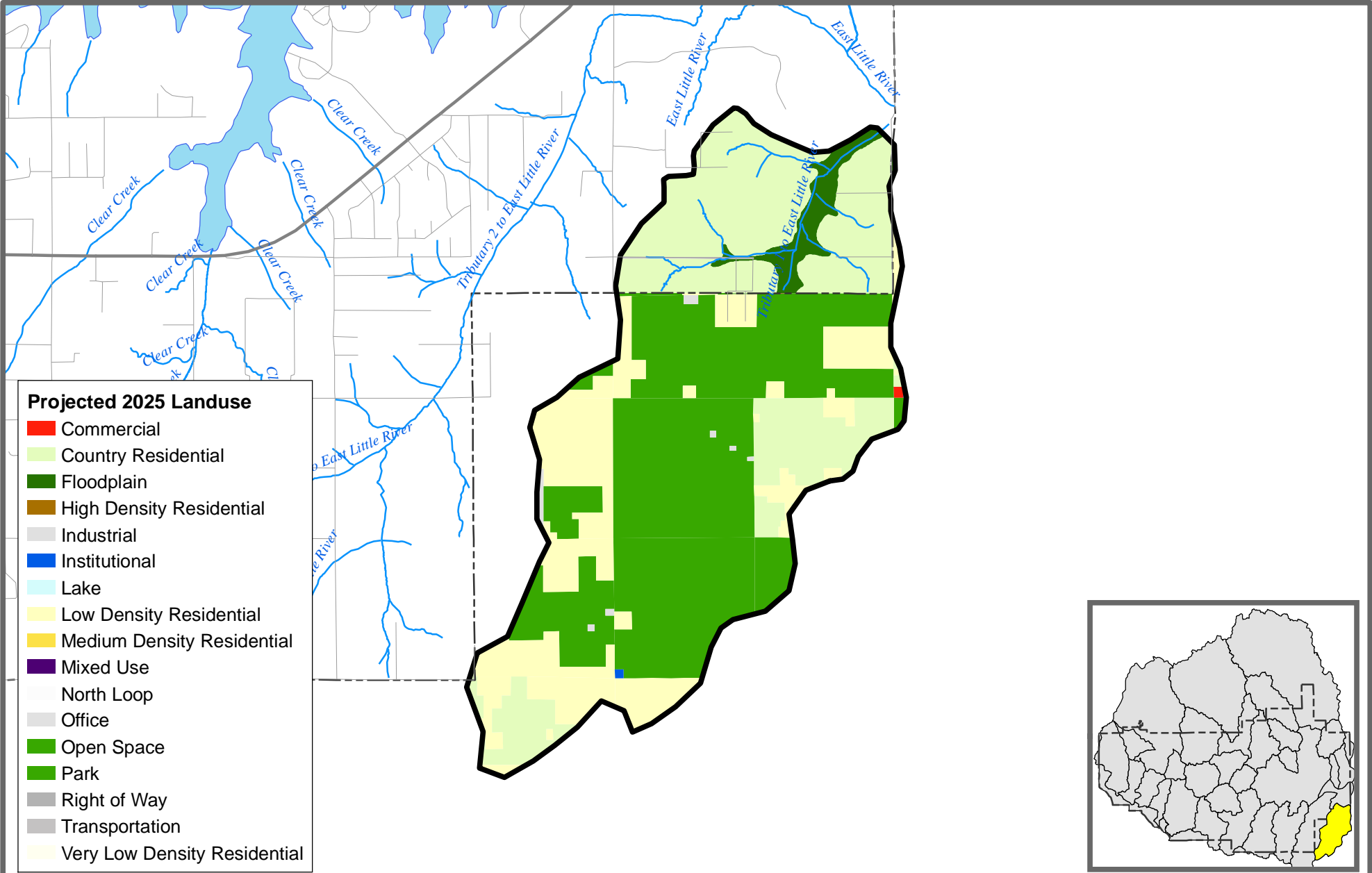
- Zoning**
- A-1: General Agricultural
 - A-2: Rural Agricultural
 - C-1: Local Commercial
 - C-2: General Commercial
 - C-3: Intensive Commercial
 - C-O: Suburban Office Commercial
 - CR: Rural Commercial
 - I-1: Light Industrial
 - I-2: Heavy Industrial
 - M-1: Restricted Industrial
 - O-1: Office-Institutional
 - PL: Park Land
 - PUD: Planned Unit Development
 - R-1: Single Family Dwelling
 - R-1A: Single Family Attached Dwelling
 - R-2: Two-Family Dwelling
 - R-3: Multi-Family Dwelling
 - RE: Residential Estates
 - RM-2: Low Density Apartment
 - RM-4: Mobile Home Park
 - RM-6: Medium Density Apartment
 - RO: Residence-Office
 - ROW: Right Of Way
 - T: Transportation
 - TC: Tourist Commercial
 - UNC: Unclassified



**City of Norman Stormwater Master Plan
Tributary 1 to East Little River**

Current Zoning

Scale: 1:60,000 Prepared By: Vieux & Associates, Inc.

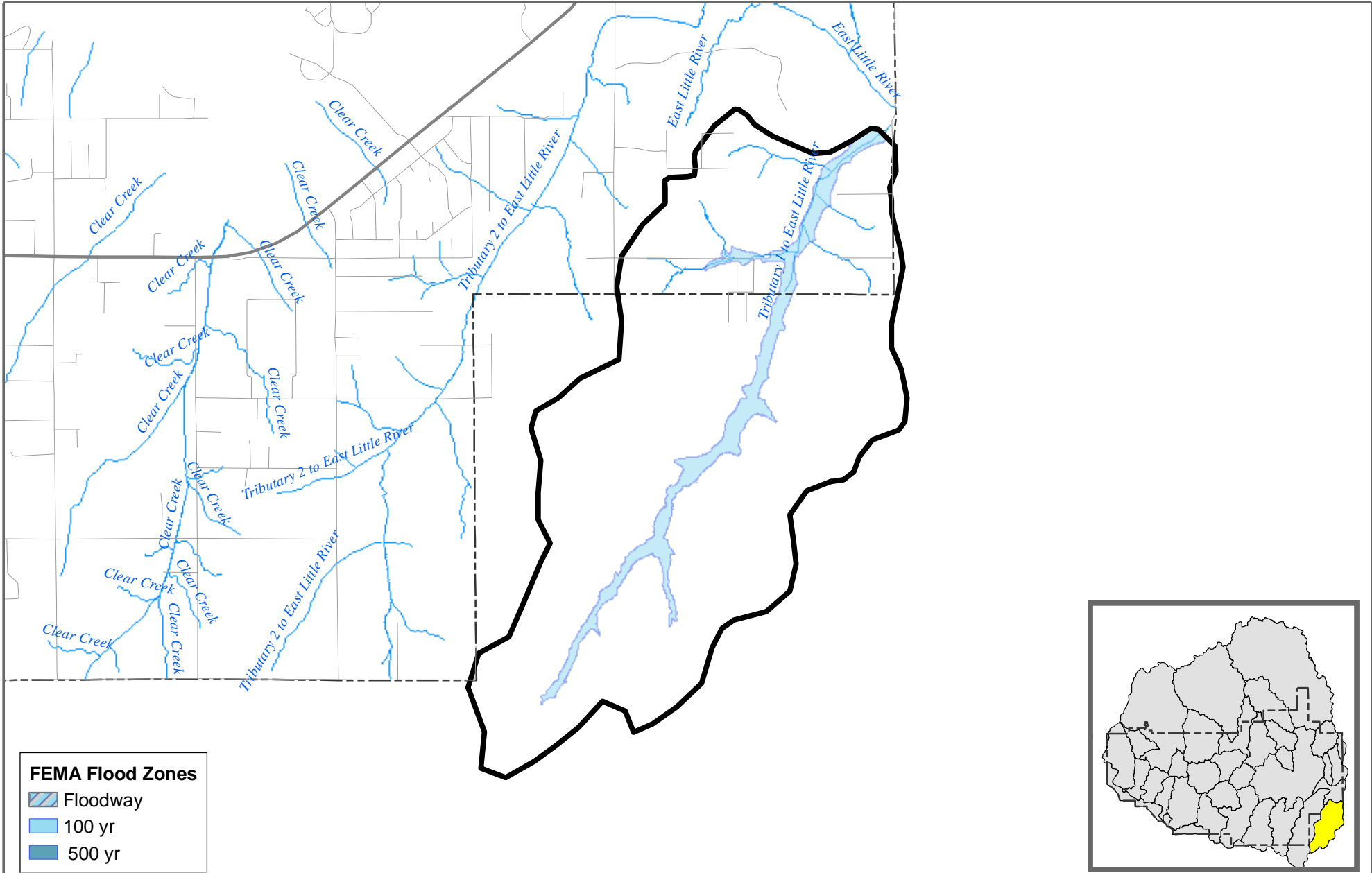


**City of Norman Stormwater Master Plan
Tributary 1 to East Little River**




Projected 2025 Landuse

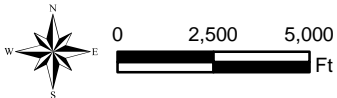
Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

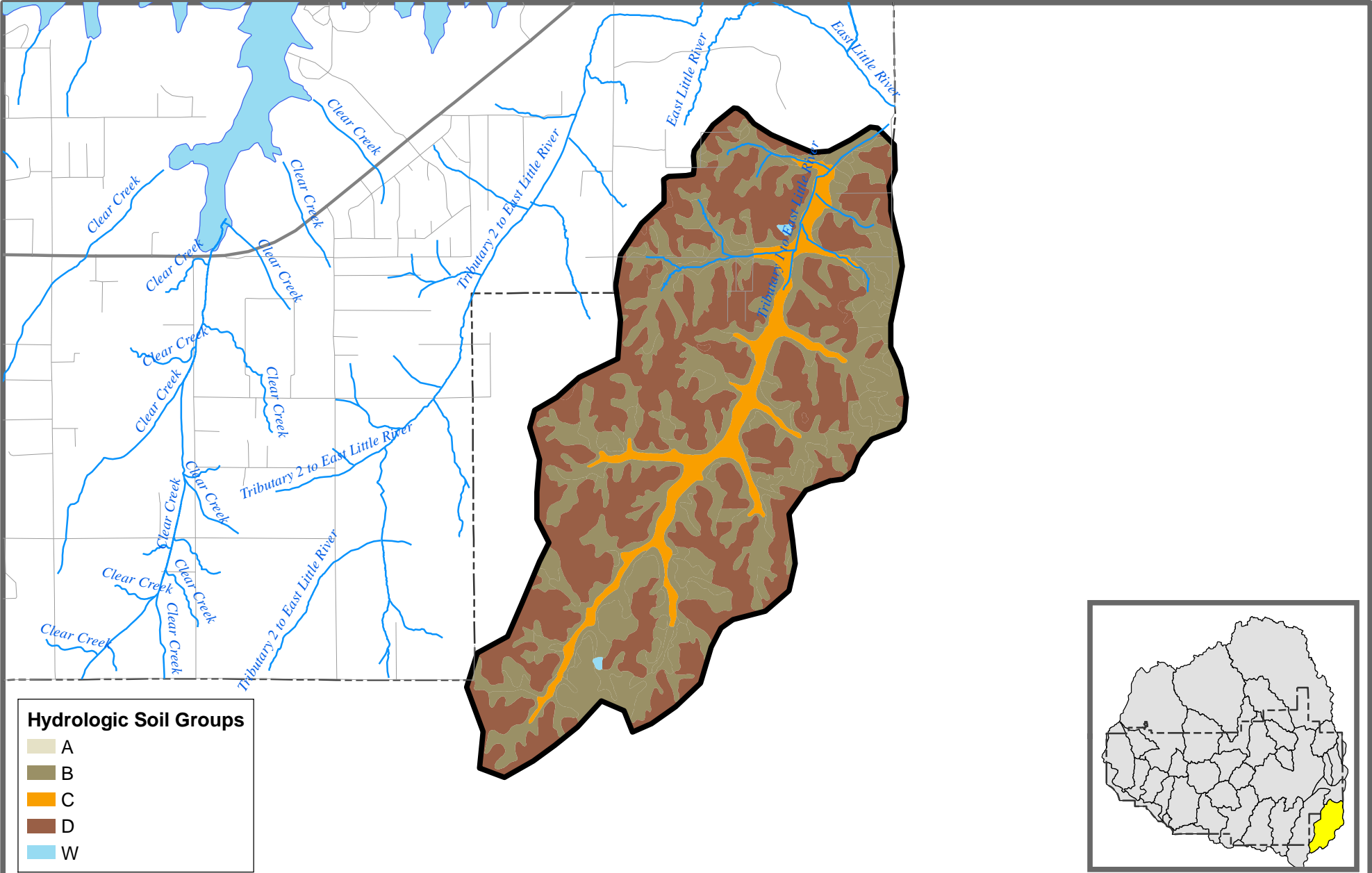
-  Floodway
-  100 yr
-  500 yr



**City of Norman Stormwater Master Plan
Trib 1 to East Little River**

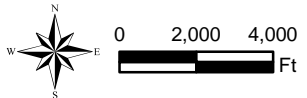
FEMA Flood Zones

Scale: 1:60,000 Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

- A
- B
- C
- D
- W



**City of Norman Stormwater Master Plan
Tributary 1 to East Little River**

Hydrologic Soil Groups

Scale: 1:60,000

Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 7.97

Current Zoning

Zoning	Percentage
A-2: Rural Agricultural	75.8%
C-2: General Commercial	0.1%
I-1: Light Industrial	0.4%
O-1: Office-Institutional	0.1%
R-1: Single Family Dwelli	20.8%
RE: Residential Estates	2.6%
T: Transportation	0.2%

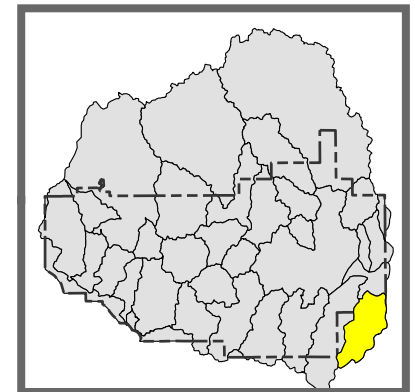
Projected Landuse

Landuse	Percentage
Commercial	0.1%
Country Residential	30.3%
Floodplain	3.1%
Industrial	0.4%
Institutional	0.1%
Low Density Residential	20.8%
Open	45%
Transportation	0.2%

Hydrologic Soil Group	Percentage
B	46.5%
C	7.3%
D	46.1%
W	0.1%

FEMA Flood Zone	Percentage
100	6.4%

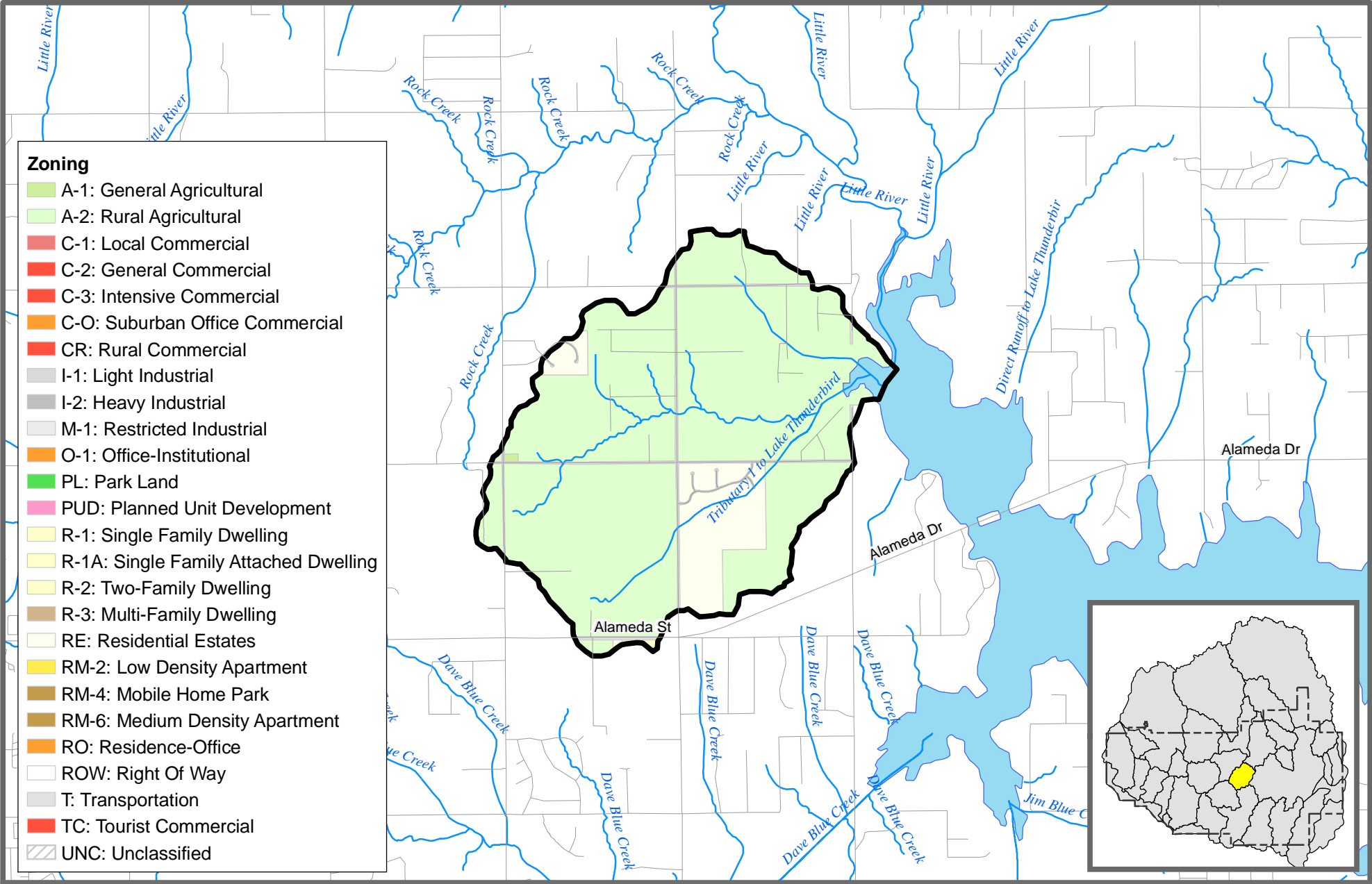
Impervious (%): 0.9



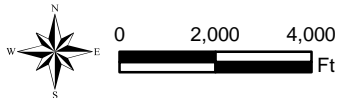
**City of Norman Stormwater Master Plan
Tributary 1 to East Little River**

Basin Statistics

Prepared By: Vieux & Associates, Inc.



- Zoning**
- A-1: General Agricultural
 - A-2: Rural Agricultural
 - C-1: Local Commercial
 - C-2: General Commercial
 - C-3: Intensive Commercial
 - C-O: Suburban Office Commercial
 - CR: Rural Commercial
 - I-1: Light Industrial
 - I-2: Heavy Industrial
 - M-1: Restricted Industrial
 - O-1: Office-Institutional
 - PL: Park Land
 - PUD: Planned Unit Development
 - R-1: Single Family Dwelling
 - R-1A: Single Family Attached Dwelling
 - R-2: Two-Family Dwelling
 - R-3: Multi-Family Dwelling
 - RE: Residential Estates
 - RM-2: Low Density Apartment
 - RM-4: Mobile Home Park
 - RM-6: Medium Density Apartment
 - RO: Residence-Office
 - ROW: Right Of Way
 - T: Transportation
 - TC: Tourist Commercial
 - UNC: Unclassified

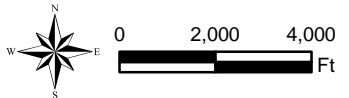
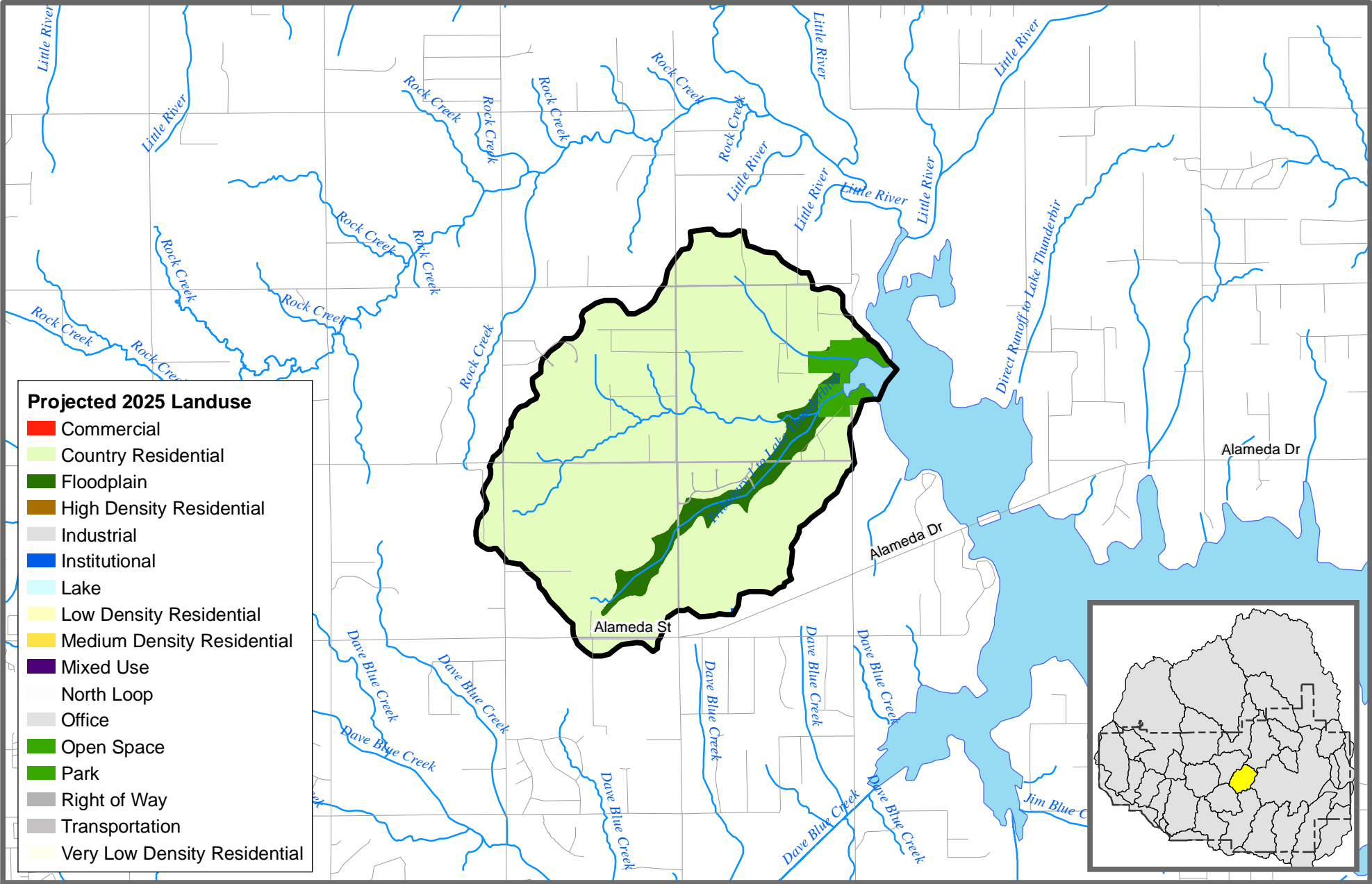


**City of Norman Stormwater Master Plan
Tributary 1 to Lake Thunderbird**

Current Zoning

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.

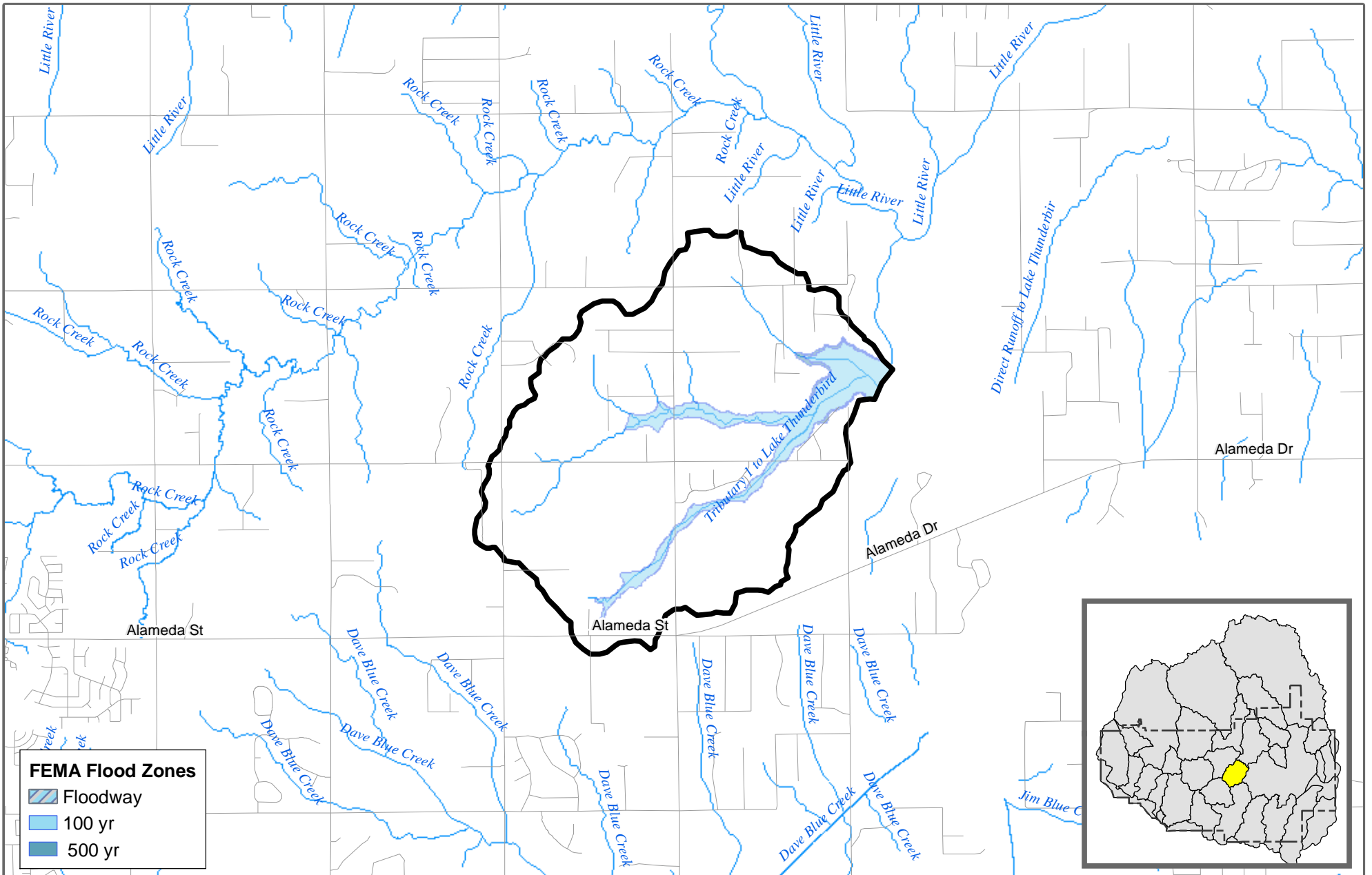


**City of Norman Stormwater Master Plan
Tributary 1 to Lake Thunderbird**

Projected 2025 Landuse

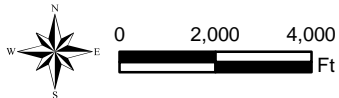
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

- Floodway
- 100 yr
- 500 yr

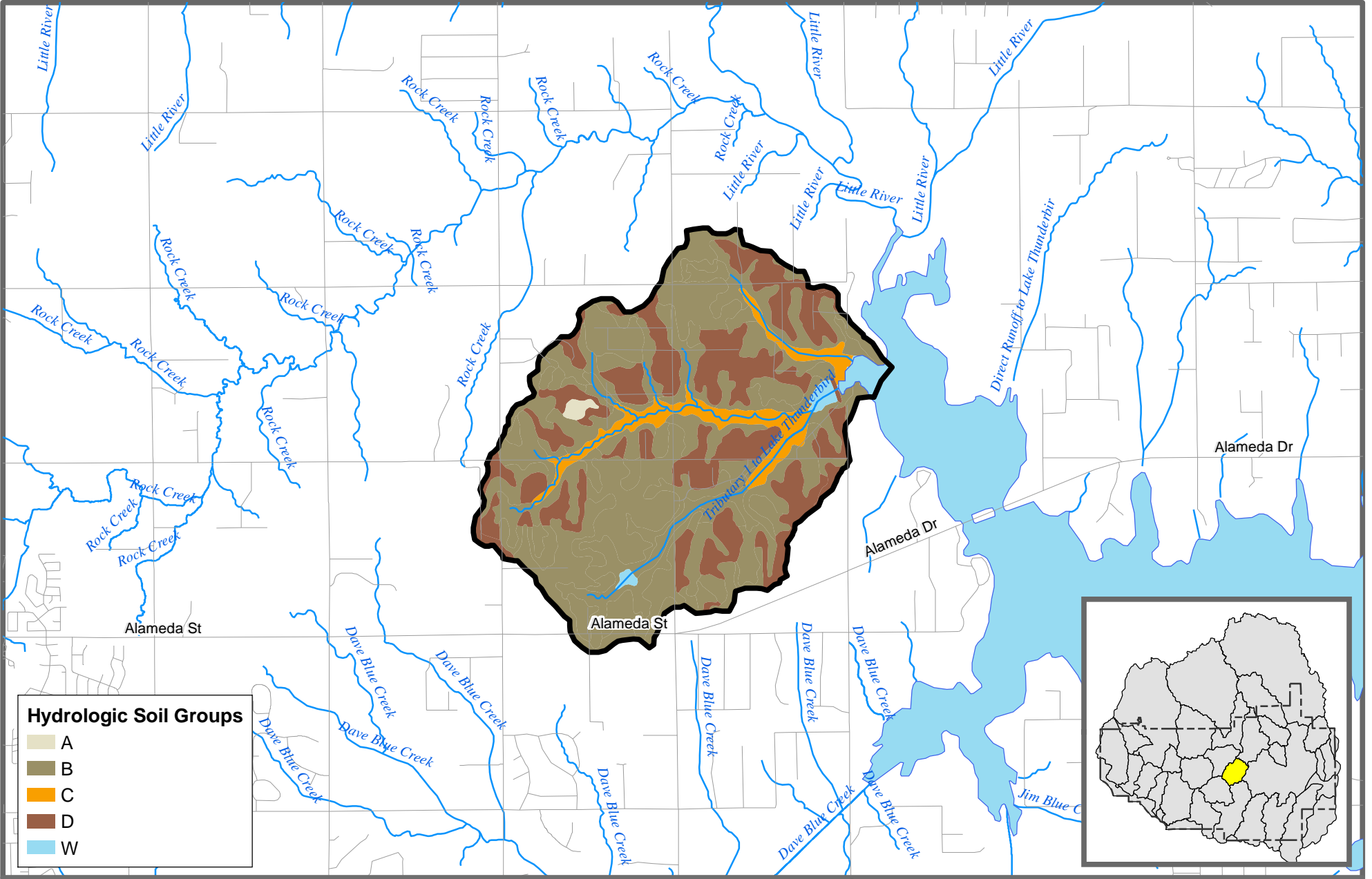


**City of Norman Stormwater Master Plan
Tributary 1 to Lake Thunderbird**

FEMA Flood Zones

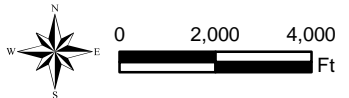
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

	A
	B
	C
	D
	W



City of Norman Stormwater Master Plan
Tributary 1 to Lake Thunderbird

Hydrologic Soil Groups

Scale: 1:48,000 Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 3.50

Current Zoning

Zoning	Percentage
A-1: General Agricultural	0.1%
A-2: Rural Agricultural	86.3%
R-1: Single Family Dwelling	0.13%
RE: Residential Estates	10.66%
T: Transportation	2.81%

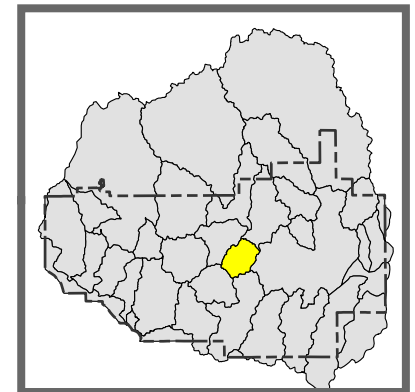
Projected Landuse

Landuse	Percentage
Country Residential	87.45%
Floodplain	5.6%
Institutional	0.03%
Park	4.18%
Transportation	2.75%

Hydrologic Soil Group	Percentage
A	0.4%
B	64.3%
C	6.7%
D	26.9%
W	1.7%

FEMA Flood Zone	Percentage
100	8.3%
500	8.8%

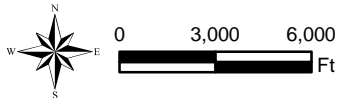
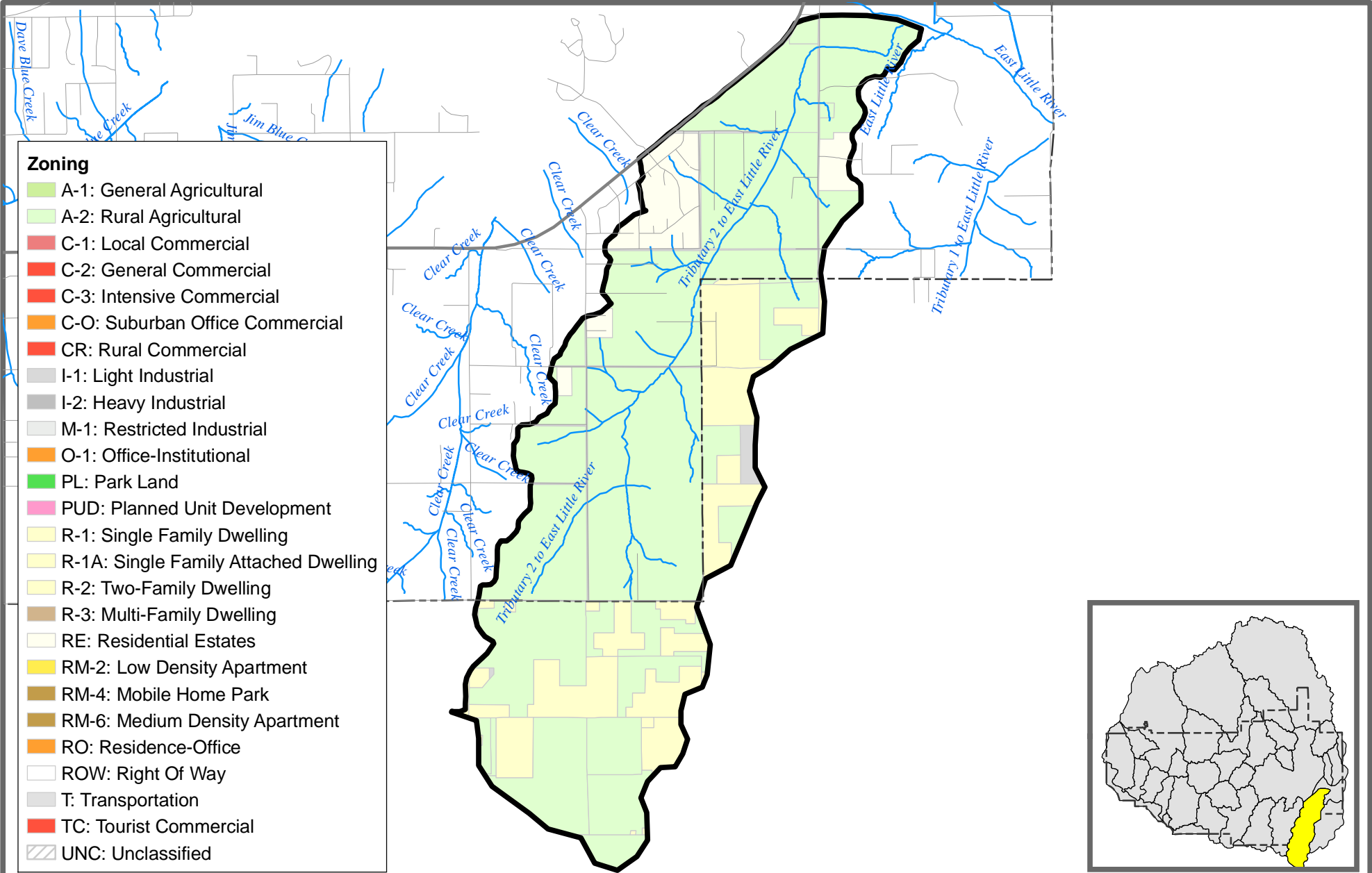
Impervious (%): 3.6



**City of Norman Stormwater Master Plan
Tributary 1 to Lake Thunderbird**

Basin Statistics

Prepared By: Vieux & Associates, Inc.

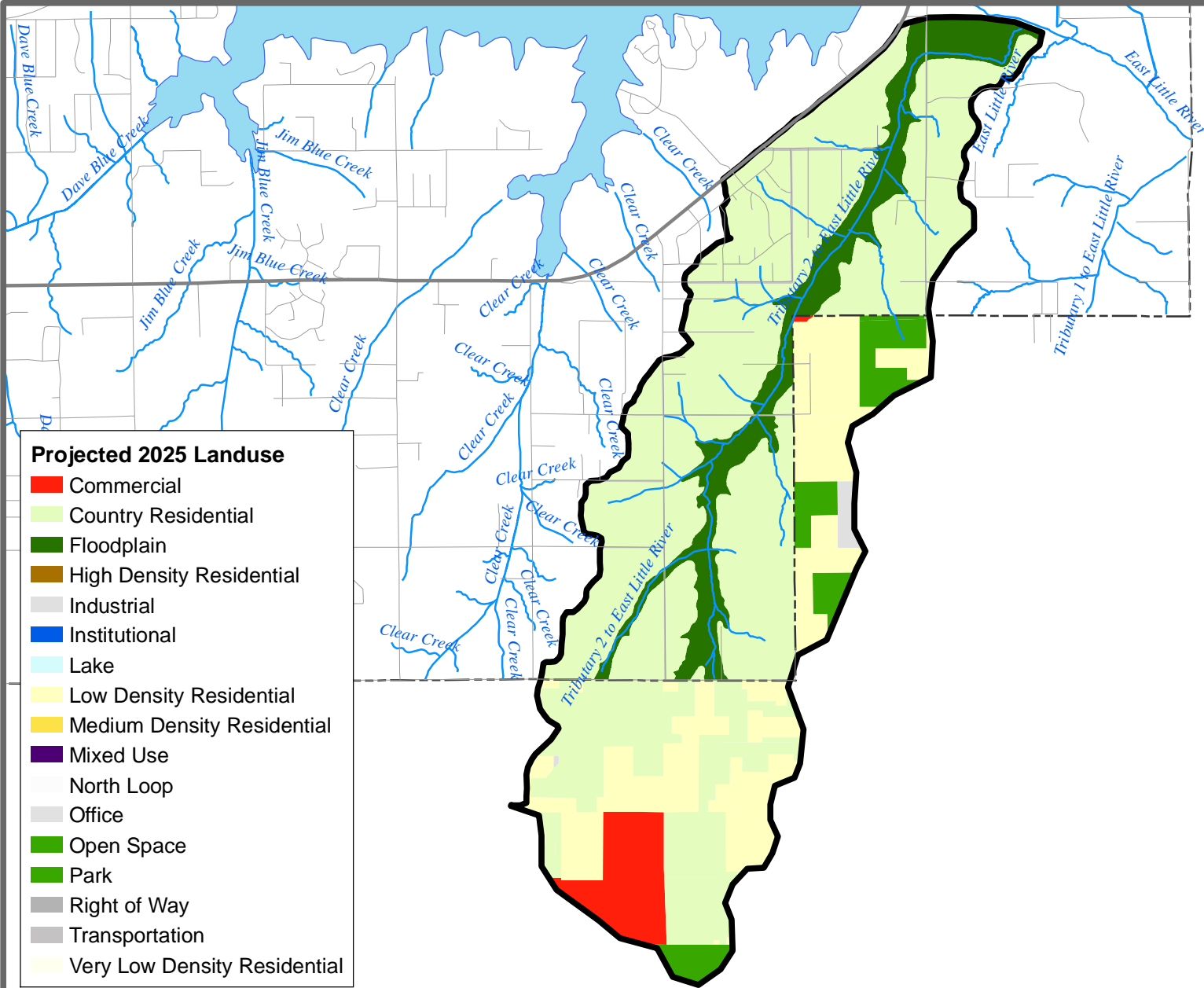


**City of Norman Stormwater Master Plan
Tributary 2 to East Little River**

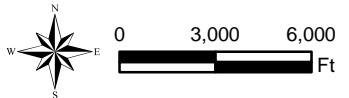
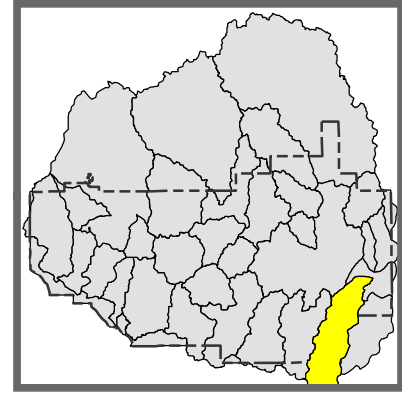
Current Zoning

Scale: 1:72,000

Prepared By: Vieux & Associates, Inc.



- Projected 2025 Landuse**
- Commercial
 - Country Residential
 - Floodplain
 - High Density Residential
 - Industrial
 - Institutional
 - Lake
 - Low Density Residential
 - Medium Density Residential
 - Mixed Use
 - North Loop
 - Office
 - Open Space
 - Park
 - Right of Way
 - Transportation
 - Very Low Density Residential

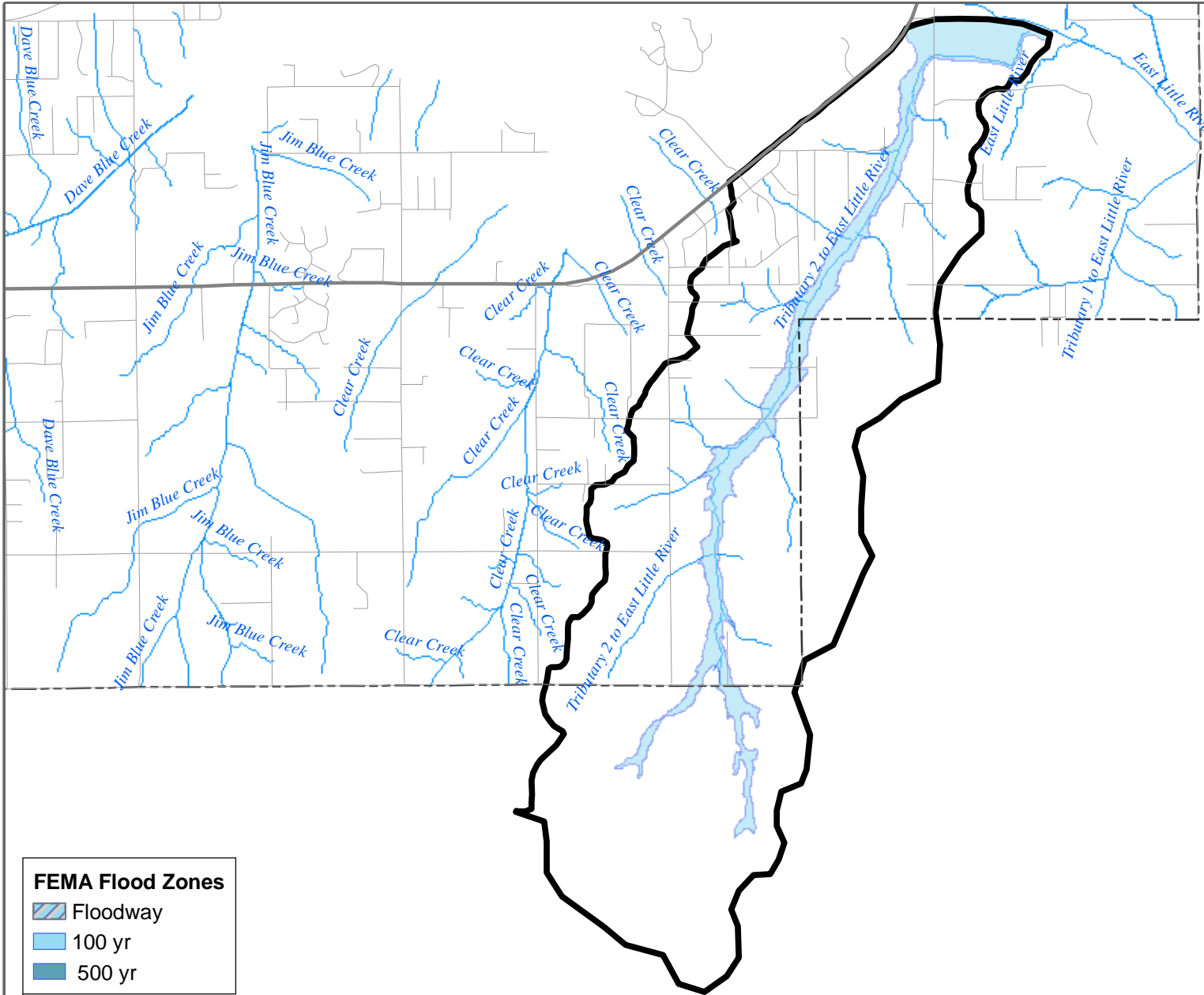


**City of Norman Stormwater Master Plan
Tributary 2 to East Little River**




Projected 2025 Landuse

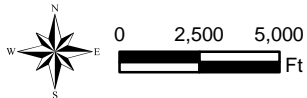
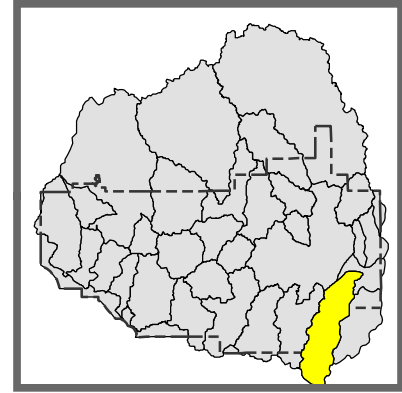
Scale: 1:72,000

Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

-  Floodway
-  100 yr
-  500 yr

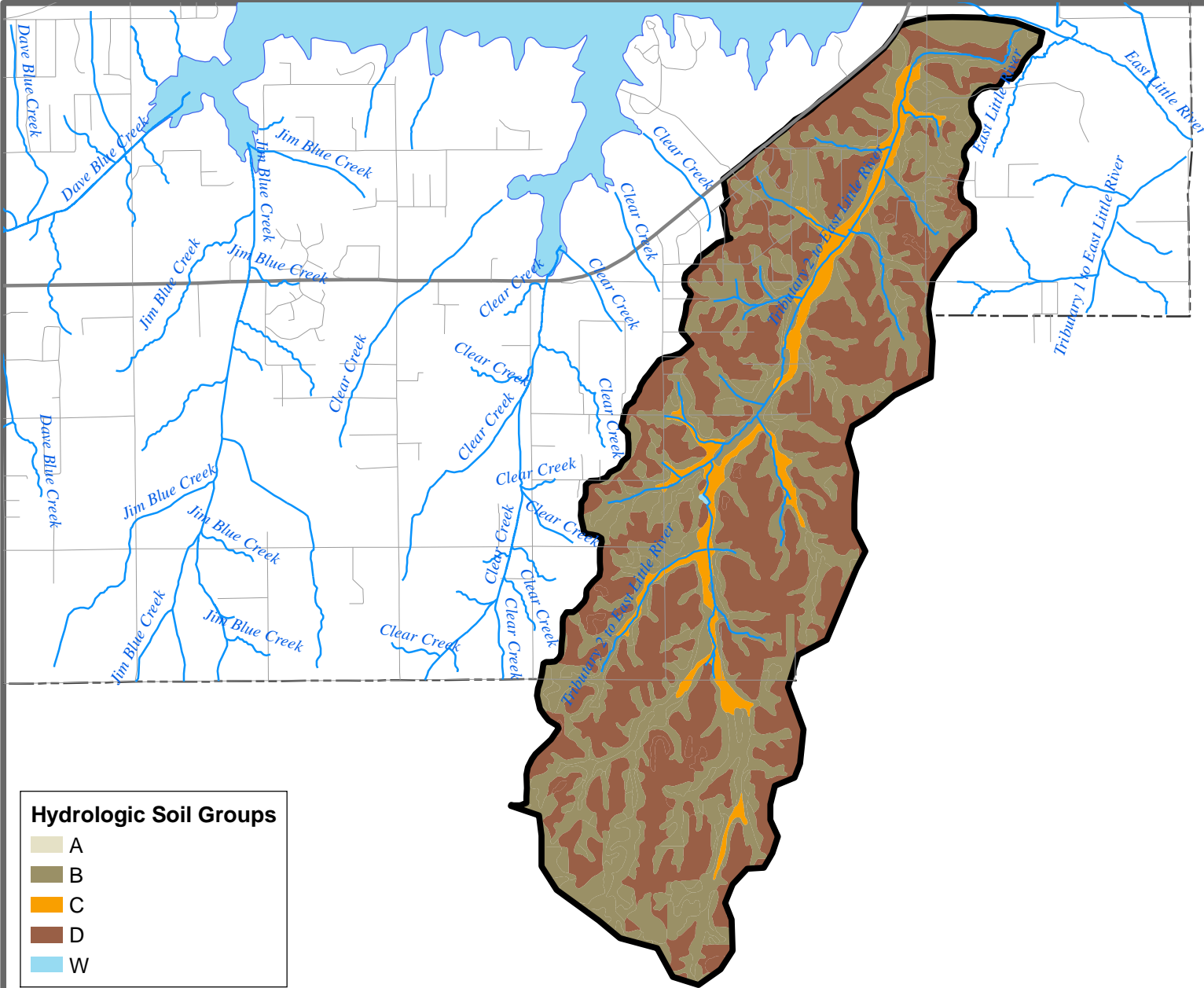


**City of Norman Stormwater Master Plan
Tributary 2 to East Little River**

FEMA Flood Zones

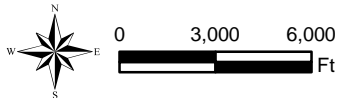
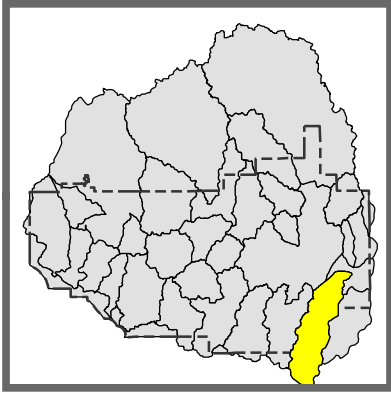
Scale: 1:72,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

- A
- B
- C
- D
- W



**City of Norman Stormwater Master Plan
Tributary 2 to East Little River**

Hydrologic Soil Groups

Scale: 1:72,000

Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 12.16

Current Zoning

Zoning	Percentage
A-2: Rural Agricultural	74.6%
I-1: Light Industrial	0.6%
R-1: Single Family Dwelling	17.2%
RE: Residential Estates	6%
T: Transportation	1.6%

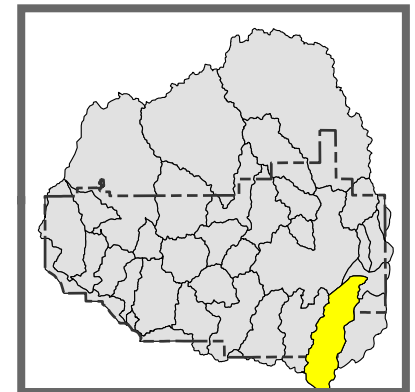
Projected Landuse

Landuse	Percentage
Commercial	4.3%
Country Residential	60.7%
Floodplain	11.1%
Industrial	0.6%
Low Density Residential	17.2%
Open	4.6%
Transportation	1.5%

Hydrologic Soil Group	Percentage
B	48.2%
C	5.7%
D	46.1%

FEMA Flood Zone	Percentage
100	9.2%

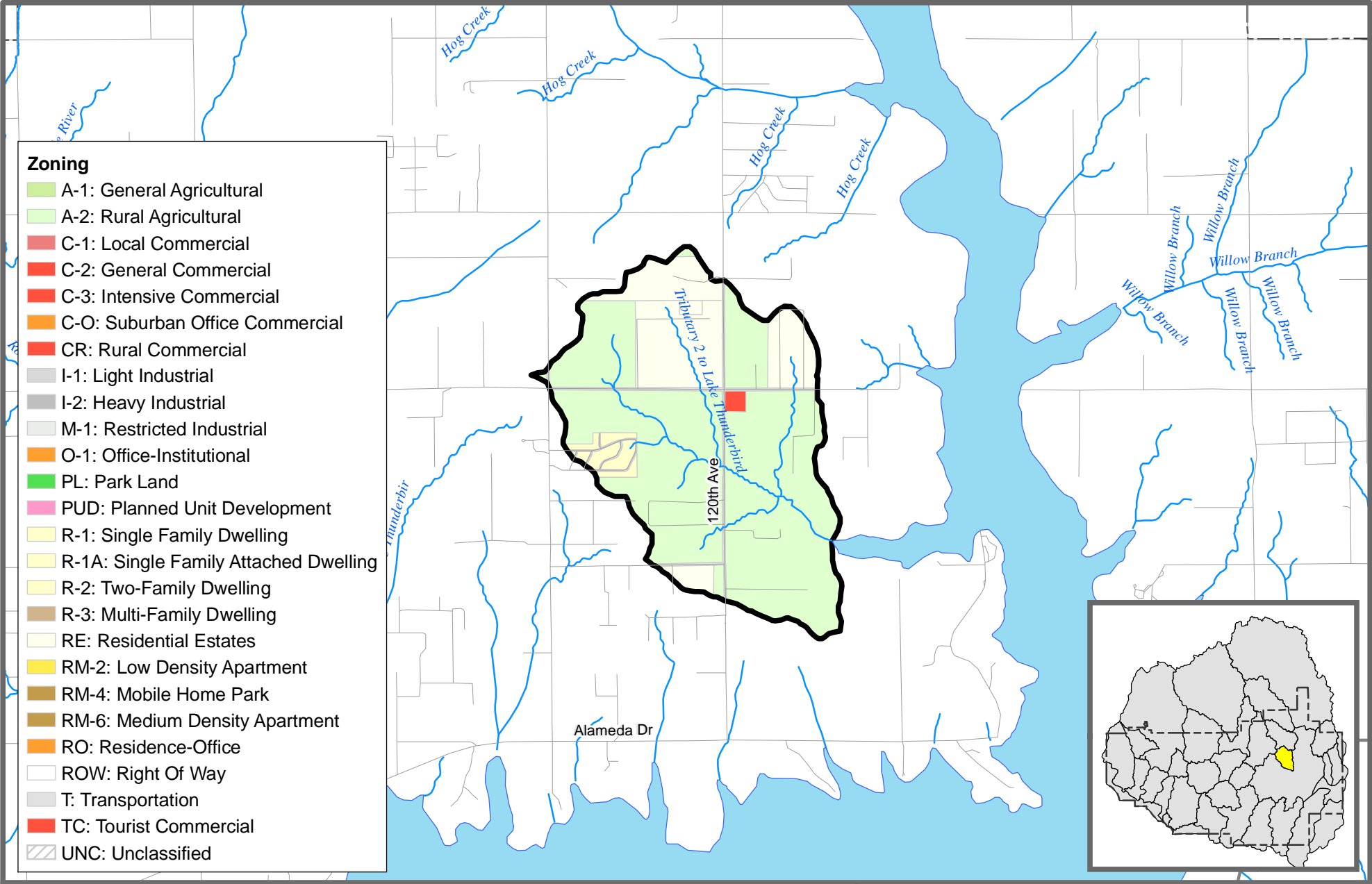
Impervious (%): 1.9



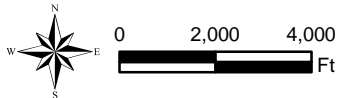
**City of Norman Stormwater Master Plan
Trib 2 to East Little River**

Basin Statistics

Prepared By: Vieux & Associates, Inc.



- Zoning**
- A-1: General Agricultural
 - A-2: Rural Agricultural
 - C-1: Local Commercial
 - C-2: General Commercial
 - C-3: Intensive Commercial
 - C-O: Suburban Office Commercial
 - CR: Rural Commercial
 - I-1: Light Industrial
 - I-2: Heavy Industrial
 - M-1: Restricted Industrial
 - O-1: Office-Institutional
 - PL: Park Land
 - PUD: Planned Unit Development
 - R-1: Single Family Dwelling
 - R-1A: Single Family Attached Dwelling
 - R-2: Two-Family Dwelling
 - R-3: Multi-Family Dwelling
 - RE: Residential Estates
 - RM-2: Low Density Apartment
 - RM-4: Mobile Home Park
 - RM-6: Medium Density Apartment
 - RO: Residence-Office
 - ROW: Right Of Way
 - T: Transportation
 - TC: Tourist Commercial
 - UNC: Unclassified

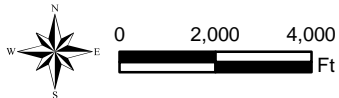
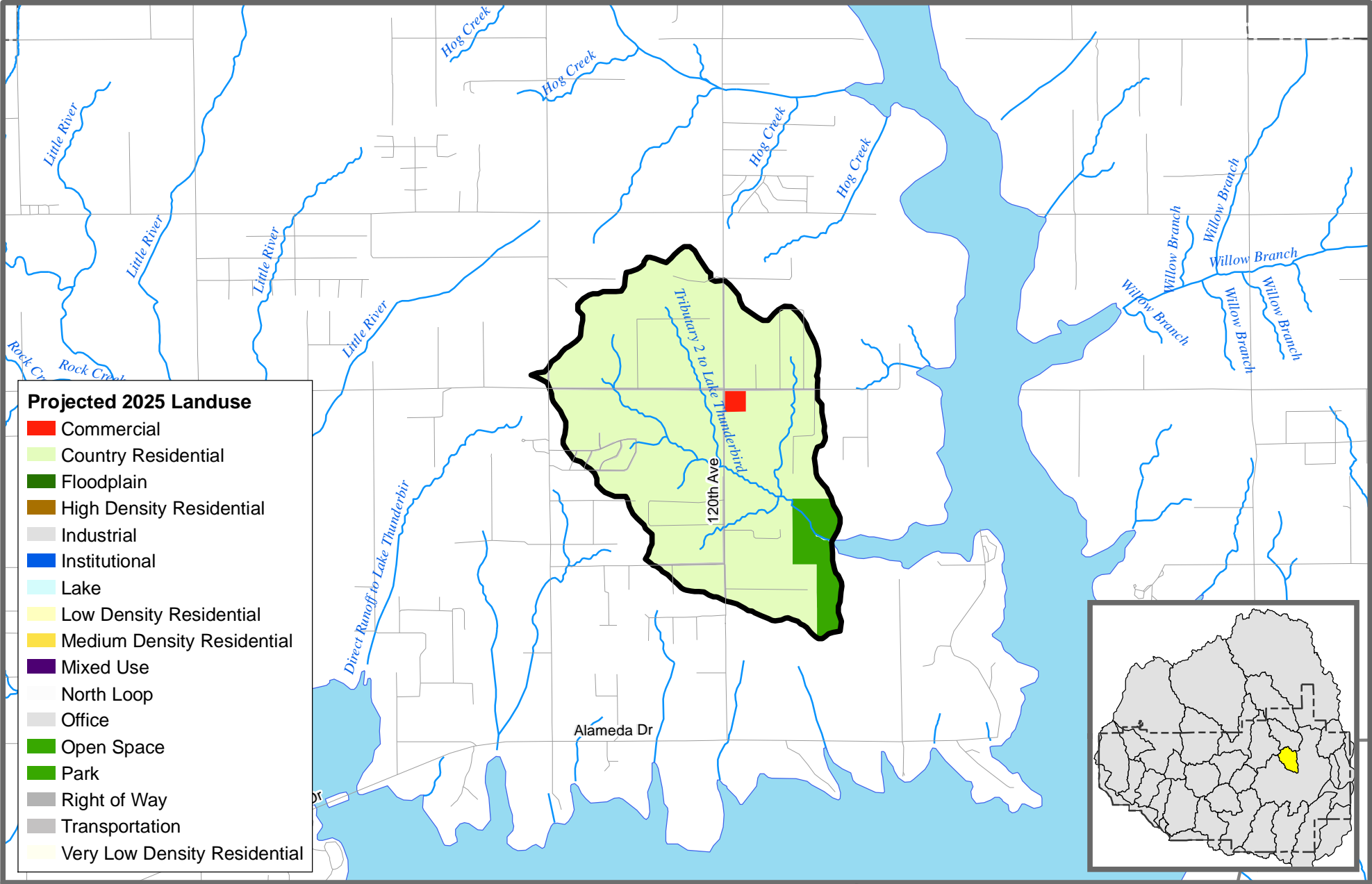


**City of Norman Stormwater Master Plan
Tributary 2 to Lake Thunderbird**

Current Zoning

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.

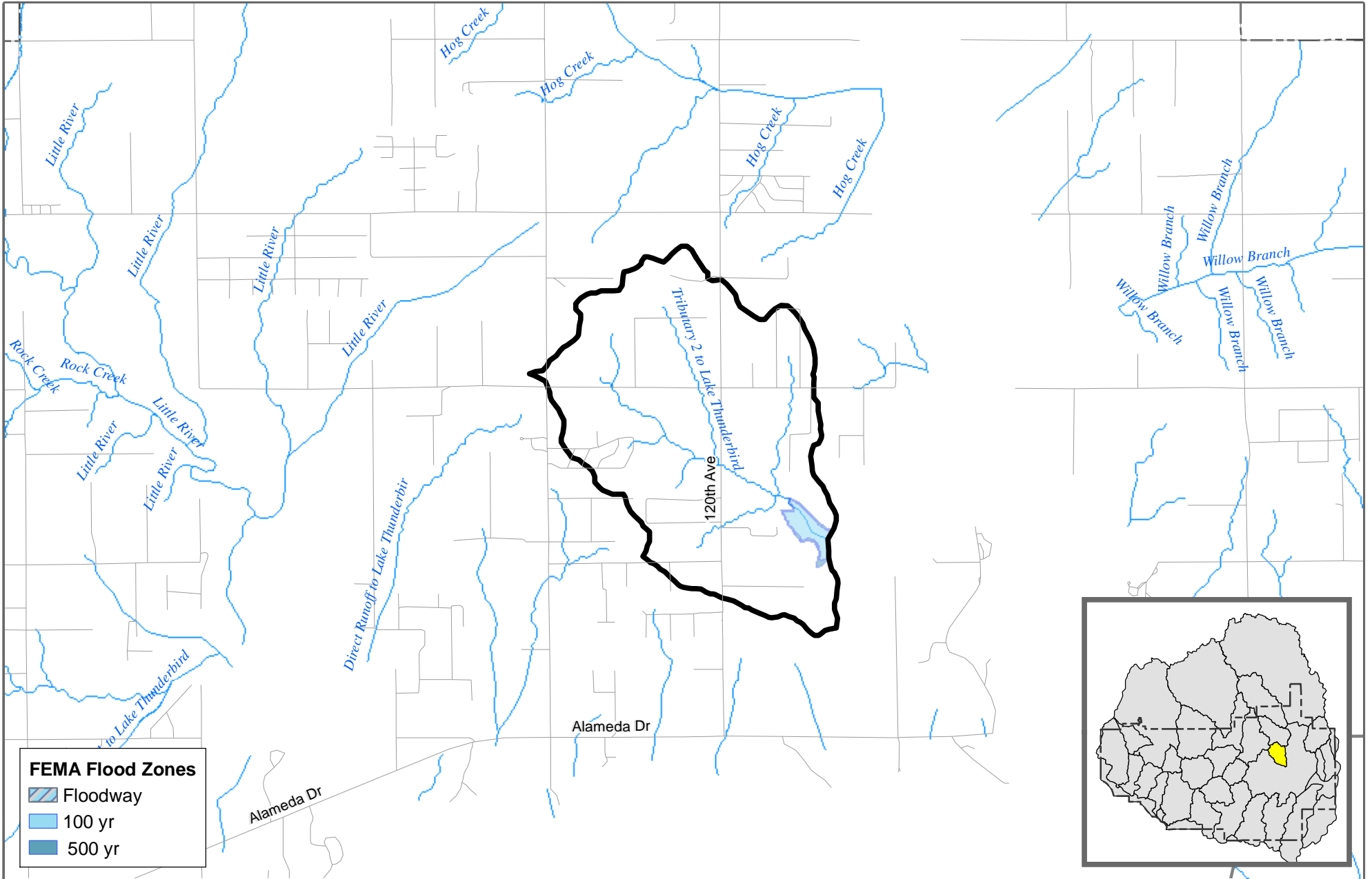


**City of Norman Stormwater Master Plan
Tributary 2 to Lake Thunderbird**




Projected 2025 Landuse

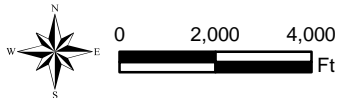
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



FEMA Flood Zones

-  Floodway
-  100 yr
-  500 yr

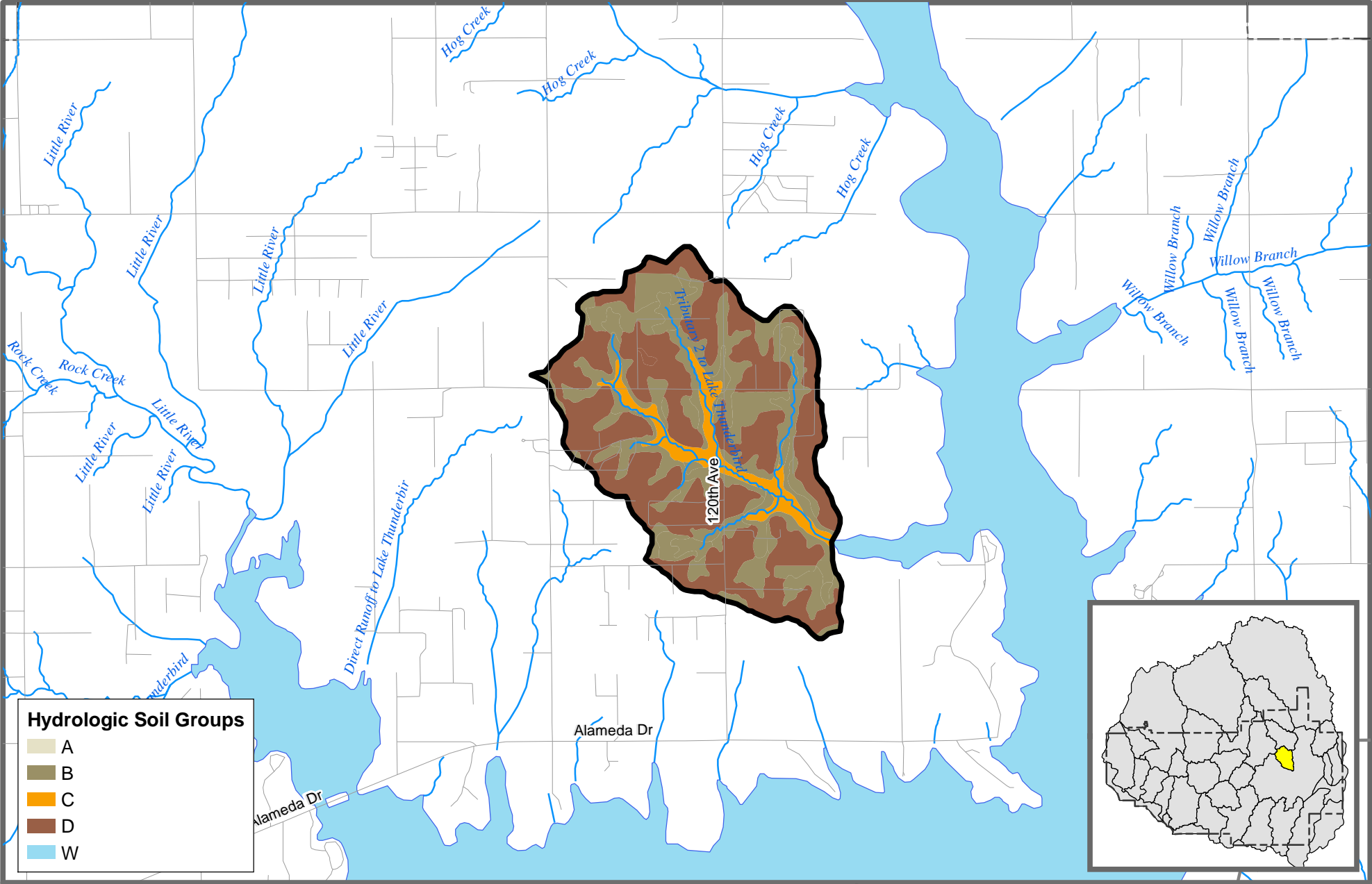


**City of Norman Stormwater Master Plan
Tributary 2 to Lake Thunderbird**

FEMA Flood Zones

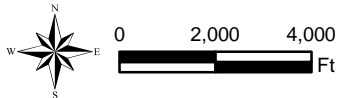
Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



Hydrologic Soil Groups

	A
	B
	C
	D
	W



**City of Norman Stormwater Master Plan
Tributary 2 to Lake Thunderbird**

Hydrologic Soil Groups

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.

Drainage Area (sq. mi.): 2.36

Current Zoning

Zoning	Percentage
A-2: Rural Agricultural	71.68%
R-1: Single Family Dwelling	2.8%
RE: Residential Estates	21.9%
T: Transportation	3.02%
TC: Tourist Commercial	0.6%

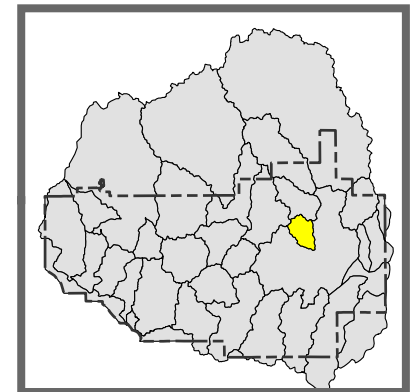
Projected Landuse

Landuse	Percentage
Commercial	0.59%
Country Residential	90.36%
Lake/ Floodplain	0.02%
Park	6.01%
Transportation	3.01%

Hydrologic Soil Group	Percentage
B	40.2%
C	7.1%
D	52.6%

FEMA Flood Zone	Percentage
100	1.6%
500	2.0%

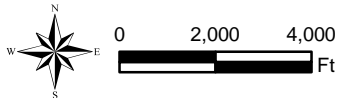
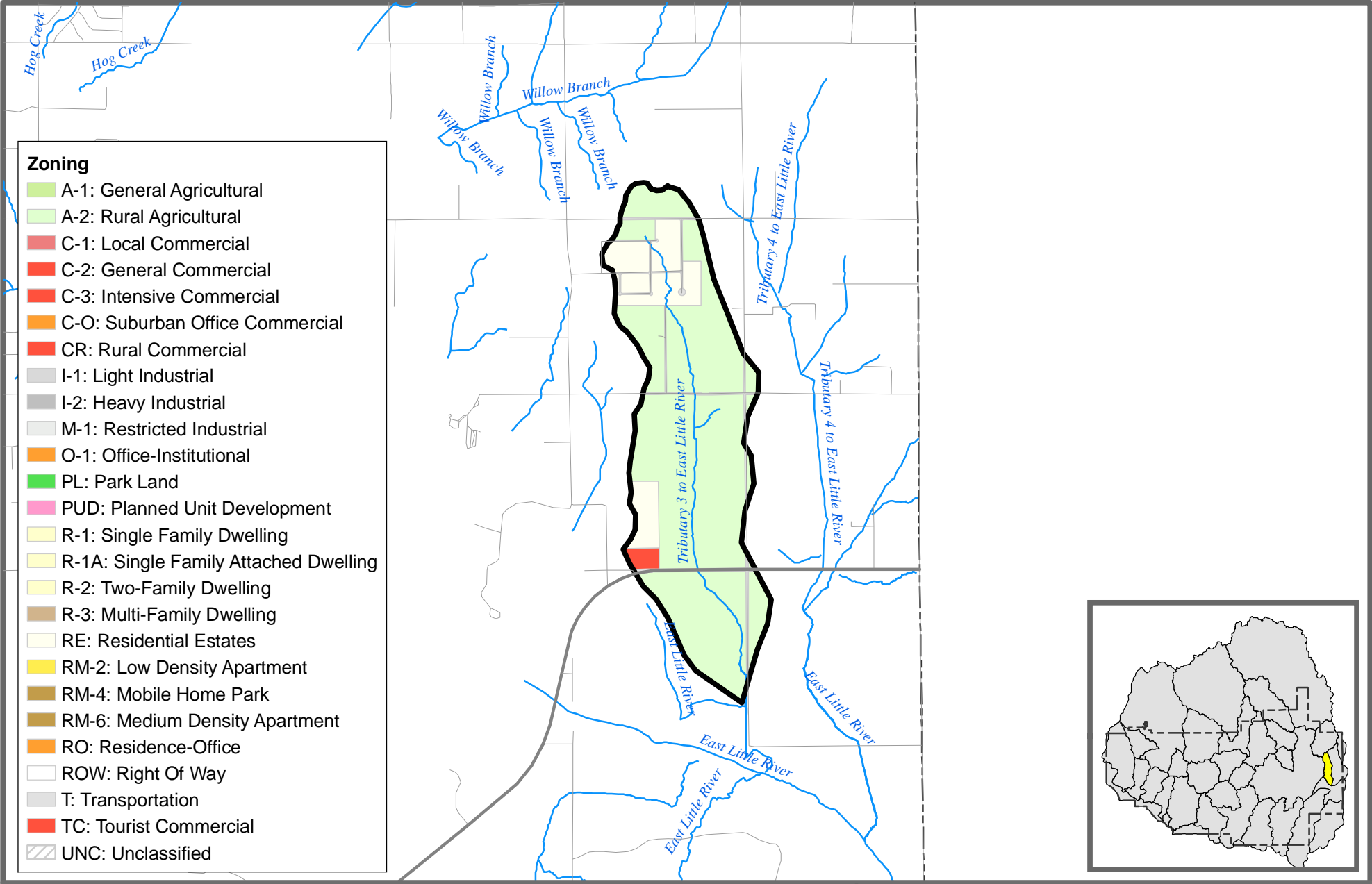
Impervious (%): 3.8



**City of Norman Stormwater Master Plan
Tributary 2 to Lake Thunderbird**

Basin Statistics

Prepared By: Vieux & Associates, Inc.

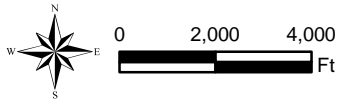
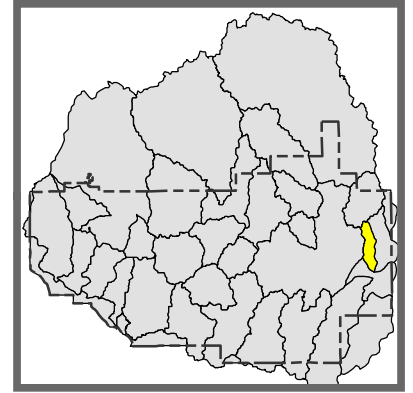
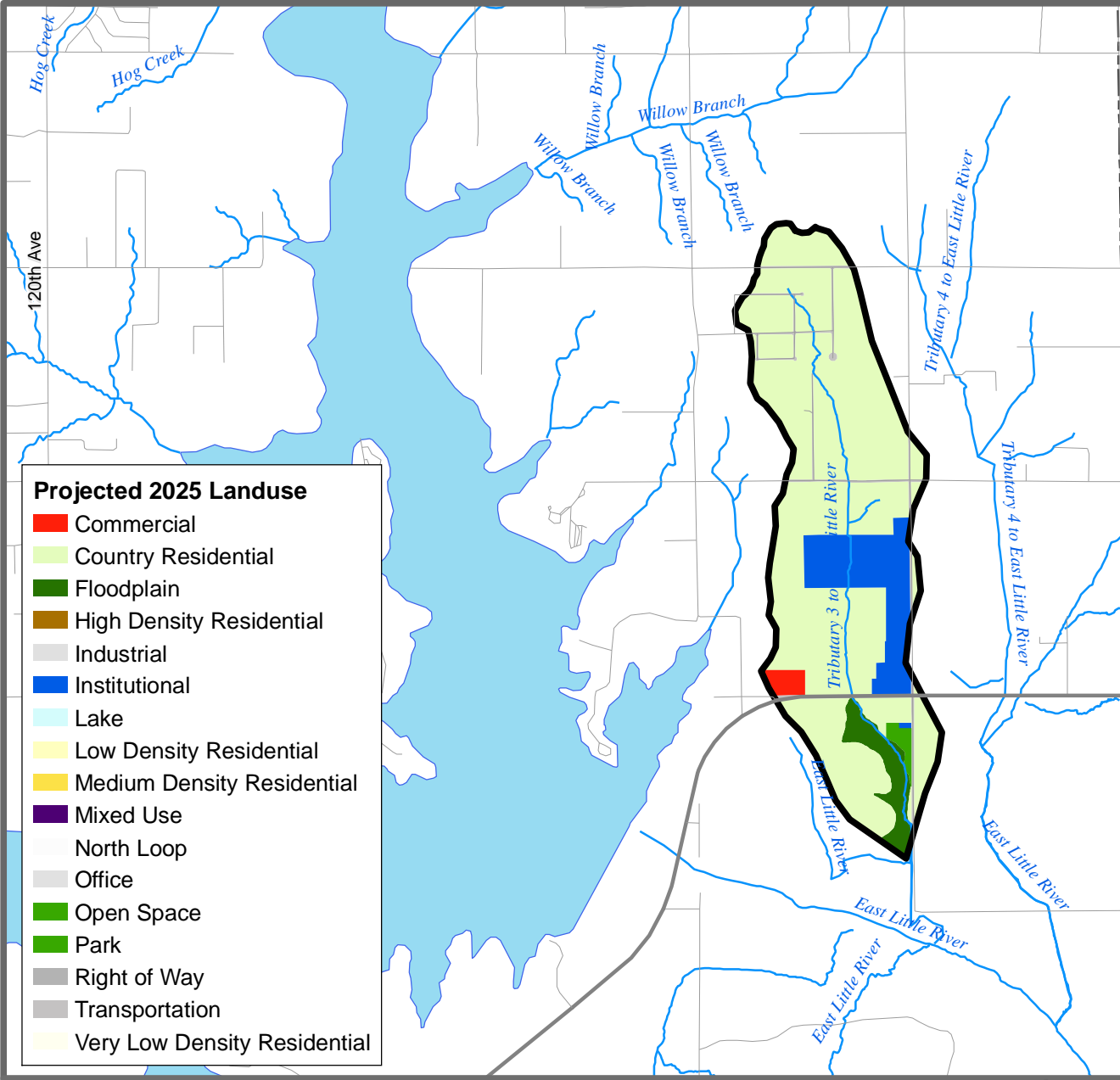


**City of Norman Stormwater Master Plan
Tributary 3 to East Little River**

Current Zoning

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.



**City of Norman Stormwater Master Plan
Tributary 3 to East Little River**

Projected 2025 Landuse

Scale: 1:48,000

Prepared By: Vieux & Associates, Inc.