

Subarea Name:

EP-4001
50

Overland Flow

Surface Description	
Manning's n value	
Flow Length, (ft)	
2-yr, 24 hour rainfall (in)	
Slope (ft/ft)	
Travel Time (hr)	0.00

Shallow Concentrated Flow

	Segment #1	Segment #2	Segment #3	Segment #4	Segment #5
Surface Description					
Slope (ft/ft)					
Velocity (ft/sec)	0.00	0.00	0.00	0.00	0.00
Flow Length, (ft)					
Travel Time (hr)	0.00	0.00	0.00	0.00	0.00
Total Travel Time (hr)	0.00				

Open Channel Flow

	Segment #1	Segment #2	Segment #3	Segment #4	Segment #5
Flow Length, (ft)	1,150				
Velocity (ft/sec)	3.0				
Travel Time (hr)	0.11	0.00	0.00	0.00	0.00
Total Travel Time (hr)	0.11				

Time of Concentration

0.11	hr
6.39	min

Subarea Name:

EP-4002
26

Overland Flow

Surface Description	
Manning's n value	
Flow Length, (ft)	
2-yr, 24 hour rainfall (in)	
Slope (ft/ft)	
Travel Time (hr)	0.00

Shallow Concentrated Flow

	Segment #1	Segment #2	Segment #3	Segment #4	Segment #5
Surface Description					
Slope (ft/ft)					
Velocity (ft/sec)	0.00	0.00	0.00	0.00	0.00
Flow Length, (ft)					
Travel Time (hr)	0.00	0.00	0.00	0.00	0.00
Total Travel Time (hr)	0.00				

Open Channel Flow

	Segment #1	Segment #2	Segment #3	Segment #4	Segment #5
Flow Length, (ft)	1,685				
Velocity (ft/sec)	3.0				
Travel Time (hr)	0.16	0.00	0.00	0.00	0.00
Total Travel Time (hr)	0.16				

Time of Concentration

0.16	hr
9.36	min

Subarea Name:

EC-4201
27

Overland Flow

Surface Description	
Manning's n value	
Flow Length, (ft)	
2-yr, 24 hour rainfall (in)	
Slope (ft/ft)	
Travel Time (hr)	0.00

Shallow Concentrated Flow

	Segment #1	Segment #2	Segment #3	Segment #4	Segment #5
Surface Description					
Slope (ft/ft)					
Velocity (ft/sec)	0.00	0.00	0.00	0.00	0.00
Flow Length, (ft)					
Travel Time (hr)	0.00	0.00	0.00	0.00	0.00
Total Travel Time (hr)	0.00				

Open Channel Flow

	Segment #1	Segment #2	Segment #3	Segment #4	Segment #5
Flow Length, (ft)	4,773				
Velocity (ft/sec)	3.0				
Travel Time (hr)	0.44	0.00	0.00	0.00	0.00
Total Travel Time (hr)	0.44				

Time of Concentration

0.44	hr
26.52	min

Subarea Name:	EP-4501
	54

Overland Flow

Surface Description	Grass
Manning's n value	0.24
Flow Length, (ft)	100
2-yr, 24 hour rainfall (in)	3.12
Slope (ft/ft)	0.0200
Travel Time (hr)	0.24

Shallow Concentrated Flow

	Segment #1	Segment #2	Segment #3	Segment #4	Segment #5
Surface Description	Mixed				
Slope (ft/ft)	0.0600				
Velocity (ft/sec)	3.95	0.00	0.00	0.00	0.00
Flow Length, (ft)	375				
Travel Time (hr)	0.03	0.00	0.00	0.00	0.00
Total Travel Time (hr)	0.03				

Open Channel Flow

	Segment #1	Segment #2	Segment #3	Segment #4	Segment #5
Flow Length, (ft)	2,200	225			
Velocity (ft/sec)	3.0	5.0			
Travel Time (hr)	0.20	0.01	0.00	0.00	0.00
Total Travel Time (hr)	0.22				

Time of Concentration

0.48	hr
29.01	min