

**18131 - OSRD (Pre)**

Type III 24-hr 10-year Rainfall=4.48"

Prepared by Hancock Associates

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Time span=4.00-72.00 hrs, dt=0.02 hrs, 3401 points  
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN  
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

**Subcatchment 1: Off Site**

Runoff Area=152,400 sf Runoff Depth=1.73"  
Flow Length=680' Tc=19.0 min CN=71 Runoff=4.74 cfs 21,995 cf

**Subcatchment 2: Subject Parcel**

Runoff Area=149,300 sf Runoff Depth=1.66"  
Flow Length=760' Tc=22.9 min CN=70 Runoff=4.10 cfs 20,648 cf

**Subcatchment 3: Subject Parcel**

Runoff Area=273,900 sf Runoff Depth=1.66"  
Flow Length=775' Tc=19.4 min CN=70 Runoff=8.05 cfs 37,880 cf

**Link A: Natural Channel - (Map 15, Lot 9.6)**

Inflow=4.74 cfs 21,995 cf  
Primary=4.74 cfs 21,995 cf

**Link B: Property Limits - (Map 15, Lot 1A)**

Inflow=4.10 cfs 20,648 cf  
Primary=4.10 cfs 20,648 cf

**Link C: Project Limits - (Open Space)**

Inflow=8.05 cfs 37,880 cf  
Primary=8.05 cfs 37,880 cf

**Total Runoff Area = 575,600 sf Runoff Volume = 80,524 cf Average Runoff Depth = 1.68"**

**18131 - OSRD (Pre)**

Type III 24-hr 25-year Rainfall=5.60"

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Time span=4.00-72.00 hrs, dt=0.02 hrs, 3401 points  
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN  
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

**Subcatchment 1: Off Site**

Runoff Area=152,400 sf Runoff Depth=2.58"  
Flow Length=680' Tc=19.0 min CN=71 Runoff=7.22 cfs 32,765 cf

**Subcatchment 2: Subject Parcel**

Runoff Area=149,300 sf Runoff Depth=2.49"  
Flow Length=760' Tc=22.9 min CN=70 Runoff=6.29 cfs 30,998 cf

**Subcatchment 3: Subject Parcel**

Runoff Area=273,900 sf Runoff Depth=2.49"  
Flow Length=775' Tc=19.4 min CN=70 Runoff=12.37 cfs 56,869 cf

**Link A: Natural Channel - (Map 15, Lot 9.6)**

Inflow=7.22 cfs 32,765 cf  
Primary=7.22 cfs 32,765 cf

**Link B: Property Limits - (Map 15, Lot 1A)**

Inflow=6.29 cfs 30,998 cf  
Primary=6.29 cfs 30,998 cf

**Link C: Project Limits - (Open Space)**

Inflow=12.37 cfs 56,869 cf  
Primary=12.37 cfs 56,869 cf

**Total Runoff Area = 575,600 sf Runoff Volume = 120,632 cf Average Runoff Depth = 2.51"**

**18131 - OSRD (Pre)**

Type III 24-hr 100-year Rainfall=7.88"

Prepared by Hancock Associates

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Time span=4.00-72.00 hrs, dt=0.02 hrs, 3401 points  
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN  
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

**Subcatchment 1: Off Site**

Runoff Area=152,400 sf Runoff Depth=4.48"  
Flow Length=680' Tc=19.0 min CN=71 Runoff=12.65 cfs 56,835 cf

**Subcatchment 2: Subject Parcel**

Runoff Area=149,300 sf Runoff Depth=4.36"  
Flow Length=760' Tc=22.9 min CN=70 Runoff=11.15 cfs 54,262 cf

**Subcatchment 3: Subject Parcel**

Runoff Area=273,900 sf Runoff Depth=4.36"  
Flow Length=775' Tc=19.4 min CN=70 Runoff=21.95 cfs 99,548 cf

**Link A: Natural Channel - (Map 15, Lot 9.6)**

Inflow=12.65 cfs 56,835 cf  
Primary=12.65 cfs 56,835 cf

**Link B: Property Limits - (Map 15, Lot 1A)**

Inflow=11.15 cfs 54,262 cf  
Primary=11.15 cfs 54,262 cf

**Link C: Project Limits - (Open Space)**

Inflow=21.95 cfs 99,548 cf  
Primary=21.95 cfs 99,548 cf

**Total Runoff Area = 575,600 sf Runoff Volume = 210,644 cf Average Runoff Depth = 4.39"**