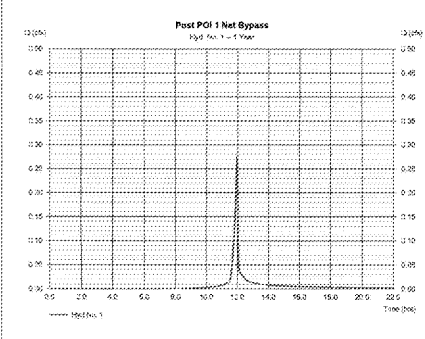


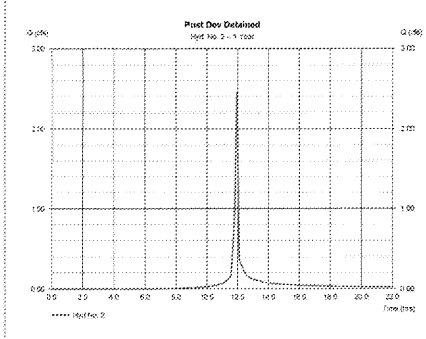
Hydrograph Report
 Hyd. No. 1
 Post POI 1 Net Bypass
 Hydrograph type = SCS Runoff
 Storm frequency = 1 yrs
 Time interval = 2 min
 Drainage area = 0.190 ac
 Basin slope = 0.2 %
 To method = User
 Total precip. = 2.59 in
 Storm duration = 24 hrs

Peak discharge = 0.268 cfs
 Time to peak = 11.92 hrs
 Hyd. volume = 546 cuft
 Curve number = 97
 Hydraulic length = 0.8
 Time of conc. (Tc) = 5.00 min
 Distribution = Type II
 Shape factor = 464



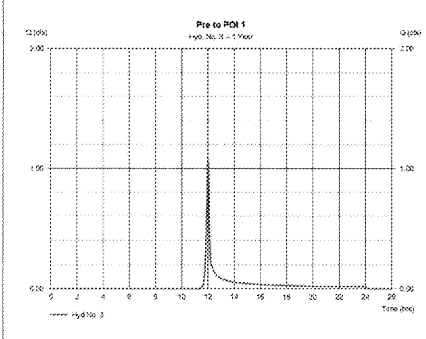
Hydrograph Report
 Hyd. No. 2
 Post Dev Detained
 Hydrograph type = SCS Runoff
 Storm frequency = 1 yrs
 Time interval = 2 min
 Drainage area = 0.020 ac
 Basin slope = 0.0 %
 To method = User
 Total precip. = 2.59 in
 Storm duration = 24 hrs

Peak discharge = 2.482 cfs
 Time to peak = 11.92 hrs
 Hyd. volume = 3,046 cuft
 Curve number = 97
 Hydraulic length = 0.8
 Time of conc. (Tc) = 5.00 min
 Distribution = Type II
 Shape factor = 464



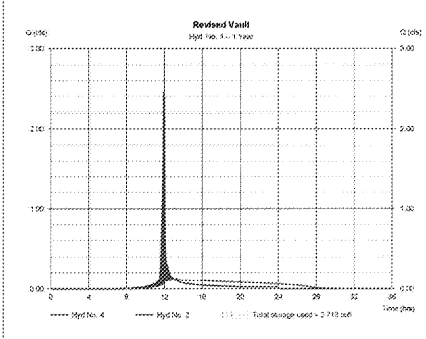
Hydrograph Report
 Hyd. No. 3
 Pre to POI 1
 Hydrograph type = SCS Runoff
 Storm frequency = 1 yrs
 Time interval = 2 min
 Drainage area = 1.020 ac
 Basin slope = 0.2 %
 To method = User
 Total precip. = 2.59 in
 Storm duration = 24 hrs

Peak discharge = 1.103 cfs
 Time to peak = 12.00 hrs
 Hyd. volume = 2,506 cuft
 Curve number = 75
 Hydraulic length = 0.8
 Time of conc. (Tc) = 9.30 min
 Distribution = Type II
 Shape factor = 464



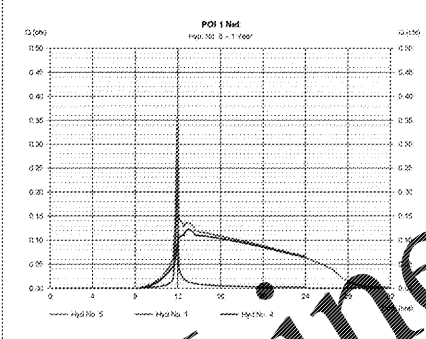
Hydrograph Report
 Hyd. No. 4
 Revised Vault
 Hydrograph type = Reservoir
 Storm frequency = 2 yrs
 Time interval = 2 min
 Inflow Hyd. No. = 2
 Reservoir name = Prep SCS Vault

Peak discharge = 0.122 cfs
 Time to peak = 13.00 hrs
 Hyd. volume = 3,021 cuft
 Max. Elevation = 190.32 ft
 Max. Storage = 2,713 cuft



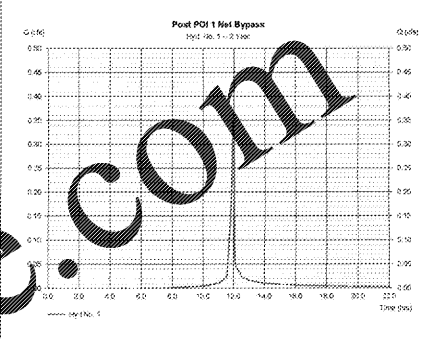
Hydrograph Report
 Hyd. No. 5
 POI 1 Net
 Hydrograph type = Combine
 Storm frequency = 1 yrs
 Time interval = 2 min
 Inflow hydro. = 1, 4

Peak discharge = 0.258 cfs
 Time to peak = 11.97 hrs
 Hyd. volume = 5,959 cuft
 Contrib. drain. area = 0.100 ac



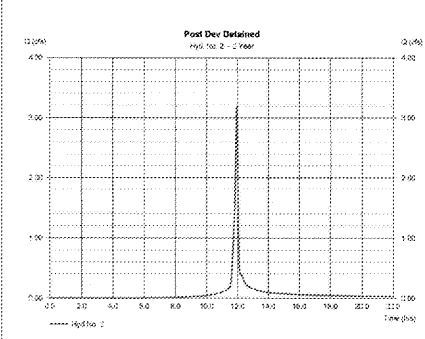
Hydrograph Report
 Hyd. No. 1
 Post POI 1 Net Bypass
 Hydrograph type = SCS Runoff
 Storm frequency = 2 yrs
 Time interval = 2 min
 Drainage area = 0.190 ac
 Basin slope = 0.2 %
 To method = User
 Total precip. = 3.14 in
 Storm duration = 24 hrs

Peak discharge = 0.347 cfs
 Time to peak = 11.93 hrs
 Hyd. volume = 712 cuft
 Curve number = 97
 Hydraulic length = 0.8
 Time of conc. (Tc) = 5.00 min
 Distribution = Type II
 Shape factor = 464



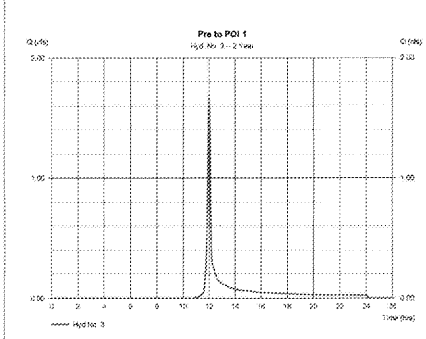
Hydrograph Report
 Hyd. No. 2
 Post Dev Detained
 Hydrograph type = SCS Runoff
 Storm frequency = 2 yrs
 Time interval = 2 min
 Drainage area = 0.020 ac
 Basin slope = 0.0 %
 To method = User
 Total precip. = 3.14 in
 Storm duration = 24 hrs

Peak discharge = 3.191 cfs
 Time to peak = 11.93 hrs
 Hyd. volume = 8,614 cuft
 Curve number = 97
 Hydraulic length = 0.8
 Time of conc. (Tc) = 5.00 min
 Distribution = Type II
 Shape factor = 464



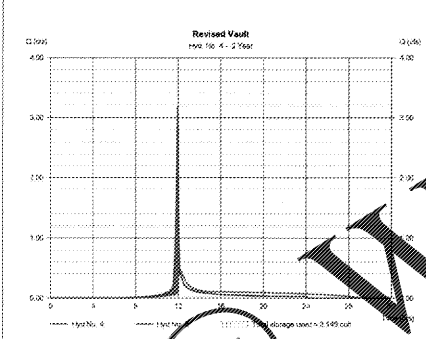
Hydrograph Report
 Hyd. No. 3
 Pre to POI 1
 Hydrograph type = SCS Runoff
 Storm frequency = 2 yrs
 Time interval = 2 min
 Drainage area = 1.020 ac
 Basin slope = 0.2 %
 To method = User
 Total precip. = 3.14 in
 Storm duration = 24 hrs

Peak discharge = 1.890 cfs
 Time to peak = 12.00 hrs
 Hyd. volume = 3,971 cuft
 Curve number = 75
 Hydraulic length = 0.8
 Time of conc. (Tc) = 9.30 min
 Distribution = Type II
 Shape factor = 464



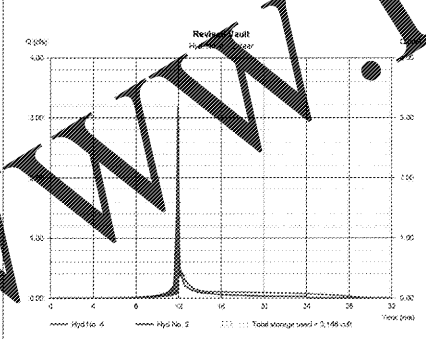
Hydrograph Report
 Hyd. No. 4
 Revised Vault
 Hydrograph type = Reservoir
 Storm frequency = 2 yrs
 Time interval = 2 min
 Inflow Hyd. No. = 2
 Reservoir name = Prep SCS Vault

Peak discharge = 0.478 cfs
 Time to peak = 12.13 hrs
 Hyd. volume = 9,581 cuft
 Max. Elevation = 190.48 ft
 Max. Storage = 3,146 cuft



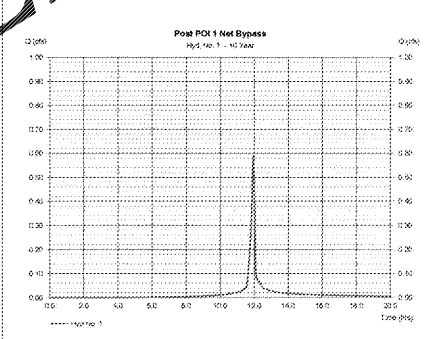
Hydrograph Report
 Hyd. No. 4
 Revised Vault
 Hydrograph type = Reservoir
 Storm frequency = 2 yrs
 Time interval = 2 min
 Inflow Hyd. No. = 2
 Reservoir name = Prep SCS Vault

Peak discharge = 0.478 cfs
 Time to peak = 12.13 hrs
 Hyd. volume = 9,581 cuft
 Max. Elevation = 190.48 ft
 Max. Storage = 3,146 cuft



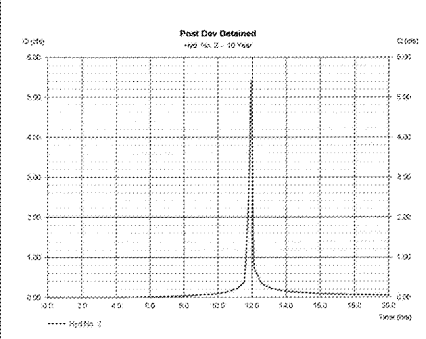
Hydrograph Report
 Hyd. No. 1
 Post POI 1 Net Bypass
 Hydrograph type = SCS Runoff
 Storm frequency = 10 yrs
 Time interval = 2 min
 Drainage area = 0.190 ac
 Basin slope = 0.0 %
 To method = User
 Total precip. = 4.83 in
 Storm duration = 24 hrs

Peak discharge = 0.580 cfs
 Time to peak = 11.93 hrs
 Hyd. volume = 1,261 cuft
 Curve number = 97
 Hydraulic length = 0.8
 Time of conc. (Tc) = 5.00 min
 Distribution = Type II
 Shape factor = 464



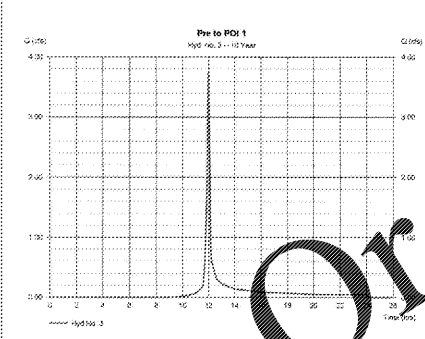
Hydrograph Report
 Hyd. No. 2
 Post Dev Detained
 Hydrograph type = SCS Runoff
 Storm frequency = 10 yrs
 Time interval = 2 min
 Drainage area = 0.020 ac
 Basin slope = 0.0 %
 To method = User
 Total precip. = 4.83 in
 Storm duration = 24 hrs

Peak discharge = 9.432 cfs
 Time to peak = 11.93 hrs
 Hyd. volume = 11,624 cuft
 Curve number = 97
 Hydraulic length = 0.8
 Time of conc. (Tc) = 5.00 min
 Distribution = Type II
 Shape factor = 464



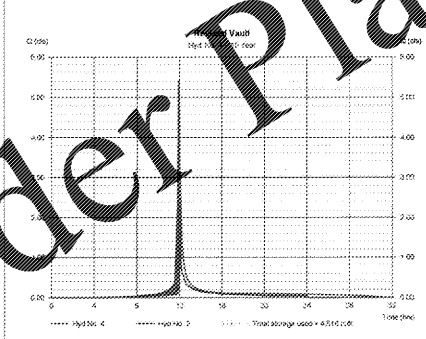
Hydrograph Report
 Hyd. No. 3
 Pre to POI 1
 Hydrograph type = SCS Runoff
 Storm frequency = 10 yrs
 Time interval = 2 min
 Drainage area = 1.020 ac
 Basin slope = 0.2 %
 To method = User
 Total precip. = 4.83 in
 Storm duration = 24 hrs

Peak discharge = 3.740 cfs
 Time to peak = 11.97 hrs
 Hyd. volume = 8,801 cuft
 Curve number = 75
 Hydraulic length = 0.8
 Time of conc. (Tc) = 9.30 min
 Distribution = Type II
 Shape factor = 464



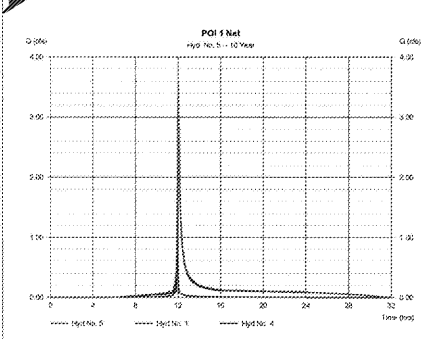
Hydrograph Report
 Hyd. No. 4
 Revised Vault
 Hydrograph type = Reservoir
 Storm frequency = 10 yrs
 Time interval = 2 min
 Inflow Hyd. No. = 2
 Reservoir name = Prep SCS Vault

Peak discharge = 3.215 cfs
 Time to peak = 12.03 hrs
 Hyd. volume = 11,589 cuft
 Max. Elevation = 191.04 ft
 Max. Storage = 4,518 cuft



Hydrograph Report
 Hyd. No. 5
 POI 1 Net
 Hydrograph type = Combine
 Storm frequency = 10 yrs
 Time interval = 2 min
 Inflow hydro. = 1, 4

Peak discharge = 3.591 cfs
 Time to peak = 12.00 hrs
 Hyd. volume = 12,852 cuft
 Contrib. drain. area = 0.100 ac



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