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*S* PROJECT NAME: Sandia Foundation, San Mateo Tract C
*S* JOB NO.
*S* DATE: June 2015
*S*
*S* INPUT FILE NAME: SF-SanMateo.hym
*S* OUTPUT FILE NAME: SF-SanMateo.out
*S* FILES LOCATION: 56-07-02 Floyd Development Services\Active Projects\ENG\AHYMO\SF-SanMateo
*S*
*S*

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*S*
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* 100 year storm event
RAINFALL TYPE=2 RAIN QUARTER=0.0 RAIN ONE=2.01
RAIN SIX=2.35 RAIN DAY=2.75 DT=.05

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* SEDIMENT BULK CODE=1 FACTOR=1.06

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*S**** COMPUTE BASIN-Sub 1 - Golden Corral
COMPUTE NM HYD ID=1 HYD NO=GC DA=0.003214
PER A=0 PER B=0 PER C=5 PER D=95
TP=0.133 RAIN=-1
PRINT HYD ID=1 CODE=10

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*S**** COMPUTE BASIN-Sub 2 - Davita
COMPUTE NM HYD ID=2 HYD NO=DAVITA DA=0.001634
PER A=0 PER B=5 PER C=15 PER D=80
TP=0.133 RAIN=-1
PRINT HYD ID=2 CODE=10

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*S**** COMPUTE BASIN-Sub 3 - Sandia Foundation Tract C
COMPUTE NM HYD ID=3 HYD NO=TRCT C DA=0.004132
PER A=0 PER B=12.5 PER C=12.5 PER D=75
TP=0.133 RAIN=-1
PRINT HYD ID=3 CODE=10

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ADD HYD ID=4 HYD=1.2 ID I=1 ID II=2
PRINT HYD ID=4 CODE=10

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ADD HYD ID=5 HYD=3.4 ID I=3 ID II=4
PRINT HYD ID=5 CODE=0

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*S Water Quality Pond and Storage
ROUTE RESERVOIR ID=6 HYD=501 INFLOW ID=5 CODE=1
OUTFLOW(CFS) STORAGE(AC FT) ELEV(FT)
0.0 0.0 5192
0.01 0.022 5193
0.02 0.085 5194
3.5775 0.109 5194.25
7.301 0.138 5194.5
8.78 0.207 5195
9.629 0.293 5195.5
10.0 0.396 5196

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FINISH

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