

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
POND 1M	OUT	POND 1	.435		12.9000	.99	491.39	.167
POND 1M	OUT	POND 2	.737		12.7000	1.74	492.11	.272
POND 1M	OUT	POND 5	1.325		12.3500	8.16	492.83	.393
POND 1M	OUT	POND 10	1.993		12.2500	17.08	493.31	.482
POND 1M	OUT	POND 25	2.716		12.2000	26.75	493.73	.566
POND 1M	OUT	POND 50	3.094		12.2000	31.20	493.90	.603
POND 1M	OUT	POND 100	3.875		12.2000	39.80	494.22	.671
POND 1N	IN	POND 1	.233		12.1000	2.45		
POND 1N	IN	POND 2	.360		12.1000	4.11		
POND 1N	IN	POND 5	.605		12.1000	7.26		
POND 1N	IN	POND 10	.879		12.1000	10.72		
POND 1N	IN	POND 25	1.173		12.1000	14.38		
POND 1N	IN	POND 50	1.326		12.1000	16.27		
POND 1N	IN	POND 100	1.642		12.1000	20.11		
POND 1N	OUT	POND 1	.132		16.0000	.15	490.74	.148
POND 1N	OUT	POND 2	.259		14.1000	.37	490.89	.181
POND 1N	OUT	POND 5	.504		12.8500	1.09	491.25	.261
POND 1N	OUT	POND 10	.778		12.7500	1.65	491.80	.387
POND 1N	OUT	POND 25	1.072		12.7500	2.10	492.39	.536
POND 1N	OUT	POND 50	1.225		12.5500	3.28	492.63	.599
POND 1N	OUT	POND 100	1.541		12.4000	7.40	492.90	.669
POND 1O	IN	POND 1	.375		12.2000	2.48		
POND 1O	IN	POND 2	.654		12.1500	5.89		
POND 1O	IN	POND 5	1.233		12.1500	13.07		
POND 1O	IN	POND 10	1.918		12.1500	21.39		
POND 1O	IN	POND 25	2.681		12.1500	30.54		
POND 1O	IN	POND 50	3.086		12.1500	35.35		
POND 1O	IN	POND 100	3.935		12.1500	45.31		

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Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
POND 10	OUT	POND 1	.218		20.4500	.16	490.53	.271
POND 10	OUT	POND 2	.498		15.9500	.48	490.72	.367
POND 10	OUT	POND 5	1.077		14.0000	1.42	491.06	.553
POND 10	OUT	POND 10	1.761		13.5500	2.45	491.59	.845
POND 10	OUT	POND 25	2.525		13.5000	3.28	492.28	1.245
POND 10	OUT	POND 50	2.930		13.5500	3.65	492.65	1.470
POND 10	OUT	POND 100	3.778		13.6500	4.32	493.43	1.963
POND 1P	IN	POND 1	1.750		12.2000	15.31		
POND 1P	IN	POND 2	2.646		12.2000	26.10		
POND 1P	IN	POND 5	4.344		12.2000	44.38		
POND 1P	IN	POND 10	6.222		12.2000	64.27		
POND 1P	IN	POND 25	8.225		12.1500	85.54		
POND 1P	IN	POND 50	9.262		12.1500	96.55		
POND 1P	IN	POND 100	11.391		12.1500	118.95		
POND 1P	OUT	POND 1	1.183		13.8000	2.30	528.18	.795
POND 1P	OUT	POND 2	2.079		12.5500	12.20	528.72	.929
POND 1P	OUT	POND 5	3.777		12.2500	40.20	529.07	1.017
POND 1P	OUT	POND 10	5.655		12.2000	63.96	529.30	1.074
POND 1P	OUT	POND 25	7.658		12.2000	85.38	529.48	1.119
POND 1P	OUT	POND 50	8.695		12.2000	96.32	529.56	1.141
POND 1P	OUT	POND 100	10.823		12.2000	118.54	529.73	1.182
POND 1R	IN	POND 1	.104		12.5000	.39		
POND 1R	IN	POND 2	.205		12.4000	1.13		
POND 1R	IN	POND 5	.429		12.2500	3.21		
POND 1R	IN	POND 10	.707		12.2500	6.05		
POND 1R	IN	POND 25	1.026		12.2500	9.26		
POND 1R	IN	POND 50	1.198		12.2500	10.98		
POND 1R	IN	POND 100	1.562		12.2500	14.61		

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Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
POND 1R	OUT	POND 1	.091		14.0000	.16	664.84	.023
POND 1R	OUT	POND 2	.192		13.2500	.36	665.42	.046
POND 1R	OUT	POND 5	.416		13.5500	.62	666.96	.137
POND 1R	OUT	POND 10	.694		12.9500	1.49	668.17	.247
POND 1R	OUT	POND 25	1.013		12.5500	5.11	668.57	.292
POND 1R	OUT	POND 50	1.185		12.5000	7.10	668.73	.312
POND 1R	OUT	POND 100	1.549		12.4000	11.23	669.03	.350
POND 1S	IN	POND 1	.583		12.1000	6.78		
POND 1S	IN	POND 2	.799		12.1000	9.36		
POND 1S	IN	POND 5	1.182		12.1000	13.85		
POND 1S	IN	POND 10	1.583		12.1000	18.45		
POND 1S	IN	POND 25	1.995		12.1000	23.09		
POND 1S	IN	POND 50	2.204		12.1000	25.41		
POND 1S	IN	POND 100	2.627		12.1000	30.06		
POND 1S	OUT	POND 1	.551		12.7000	1.16	660.05	.249
POND 1S	OUT	POND 2	.767		12.5000	3.00	660.55	.324
POND 1S	OUT	POND 5	1.150		12.3000	7.65	660.98	.393
POND 1S	OUT	POND 10	1.550		12.2500	12.77	661.33	.454
POND 1S	OUT	POND 25	1.963		12.2000	17.84	661.63	.508
POND 1S	OUT	POND 50	2.172		12.2000	20.17	661.76	.531
POND 1S	OUT	POND 100	2.595		12.2000	24.55	661.98	.574
SUBAREA 1A	AREA	1	.589		12.1000	6.88		
SUBAREA 1A	AREA	2	.833		12.1000	9.91		
SUBAREA 1A	AREA	5	1.275		12.1000	15.31		
SUBAREA 1A	AREA	10	1.747		12.1000	20.95		
SUBAREA 1A	AREA	25	2.238		12.1000	26.71		
SUBAREA 1A	AREA	50	2.489		12.1000	29.61		
SUBAREA 1A	AREA	100	2.999		12.1000	35.45		

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Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
SUBAREA 1B	AREA	1	.325		12.1000	4.01		
SUBAREA 1B	AREA	2	.460		12.1000	5.74		
SUBAREA 1B	AREA	5	.705		12.1000	8.79		
SUBAREA 1B	AREA	10	.965		12.1000	11.98		
SUBAREA 1B	AREA	25	1.237		12.1000	15.22		
SUBAREA 1B	AREA	50	1.375		12.1000	16.86		
SUBAREA 1B	AREA	100	1.657		12.1000	20.14		
SUBAREA 1C	AREA	1	.446		12.2000	4.35		
SUBAREA 1C	AREA	2	.647		12.2000	6.51		
SUBAREA 1C	AREA	5	1.019		12.2000	10.45		
SUBAREA 1C	AREA	10	1.422		12.2000	14.63		
SUBAREA 1C	AREA	25	1.846		12.2000	18.95		
SUBAREA 1C	AREA	50	2.063		12.2000	21.14		
SUBAREA 1C	AREA	100	2.507		12.2000	25.57		
SUBAREA 1D	AREA	1	.784		12.1000	9.65		
SUBAREA 1D	AREA	2	1.082		12.1000	13.38		
SUBAREA 1D	AREA	5	1.614		12.1000	19.87		
SUBAREA 1D	AREA	10	2.174		12.1000	26.53		
SUBAREA 1D	AREA	25	2.751		12.1000	33.26		
SUBAREA 1D	AREA	50	3.044		12.1000	36.64		
SUBAREA 1D	AREA	100	3.638		12.1000	43.39		
SUBAREA 1E	AREA	1	.817		12.1000	10.12		
SUBAREA 1E	AREA	2	1.146		12.1000	14.31		
SUBAREA 1E	AREA	5	1.739		12.1000	21.68		
SUBAREA 1E	AREA	10	2.369		12.1000	29.32		
SUBAREA 1E	AREA	25	3.022		12.1000	37.08		
SUBAREA 1E	AREA	50	3.356		12.1000	40.98		
SUBAREA 1E	AREA	100	4.032		12.1000	48.81		

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Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Opeak hrs	Opeak cfs	Max WSEL ft	Max Pond Storage ac-ft
SUBAREA 1F	AREA	1	14.845		13.1000	48.93		
SUBAREA 1F	AREA	2	24.992		13.0000	96.43		
SUBAREA 1F	AREA	5	45.552		12.9500	197.05		
SUBAREA 1F	AREA	10	69.510		12.8500	317.20		
SUBAREA 1F	AREA	25	95.957		12.8500	450.92		
SUBAREA 1F	AREA	50	109.914		12.8500	521.16		
SUBAREA 1F	AREA	100	139.006		12.8500	666.85		
SUBAREA 1G	AREA	1	1.773		12.1500	20.38		
SUBAREA 1G	AREA	2	2.469		12.1000	28.66		
SUBAREA 1G	AREA	5	3.714		12.1000	43.38		
SUBAREA 1G	AREA	10	5.029		12.1000	58.62		
SUBAREA 1G	AREA	25	6.389		12.1000	74.10		
SUBAREA 1G	AREA	50	7.082		12.1000	81.88		
SUBAREA 1G	AREA	100	8.486		12.1000	97.48		
SUBAREA 1H	AREA	1	.392		12.3000	3.33		
SUBAREA 1H	AREA	2	.570		12.2500	5.02		
SUBAREA 1H	AREA	5	.897		12.2500	8.11		
SUBAREA 1H	AREA	10	1.252		12.2500	11.40		
SUBAREA 1H	AREA	25	1.625		12.2500	14.81		
SUBAREA 1H	AREA	50	1.816		12.2500	16.55		
SUBAREA 1H	AREA	100	2.207		12.2500	20.05		
SUBAREA 1I	AREA	1	.310		12.1000	3.81		
SUBAREA 1I	AREA	2	.443		12.1000	5.51		
SUBAREA 1I	AREA	5	.684		12.1000	8.55		
SUBAREA 1I	AREA	10	.943		12.1000	11.73		
SUBAREA 1I	AREA	25	1.214		12.1000	14.98		
SUBAREA 1I	AREA	50	1.352		12.1000	16.63		
SUBAREA 1I	AREA	100	1.633		12.1000	19.93		

Name.... Watershed

File.... \\S10svr01\M\p\0403734\STORM\BASHER_KILL_PROPOSED.PFW

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(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
SUBAREA 1J	AREA	1	.522		12.1000	6.33		
SUBAREA 1J	AREA	2	.715		12.1000	8.70		
SUBAREA 1J	AREA	5	1.058		12.1000	12.82		
SUBAREA 1J	AREA	10	1.417		12.1000	17.04		
SUBAREA 1J	AREA	25	1.786		12.1000	21.28		
SUBAREA 1J	AREA	50	1.973		12.1000	23.41		
SUBAREA 1J	AREA	100	2.352		12.1000	27.66		
SUBAREA 1K	AREA	1	.110		12.1000	1.99		
SUBAREA 1K	AREA	2	.183		12.1000	1.97		
SUBAREA 1K	AREA	5	.328		12.1000	3.90		
SUBAREA 1K	AREA	10	.497		12.1000	6.10		
SUBAREA 1K	AREA	25	.681		12.1000	8.47		
SUBAREA 1K	AREA	50	.779		12.1000	9.71		
SUBAREA 1K	AREA	100	.981		12.1000	12.26		
SUBAREA 1L	AREA	1	.746		12.1500	5.77		
SUBAREA 1L	AREA	2	1.256		12.1500	12.15		
SUBAREA 1L	AREA	5	2.289		12.1500	24.84		
SUBAREA 1L	AREA	10	3.493		12.1500	39.35		
SUBAREA 1L	AREA	25	4.821		12.1500	55.13		
SUBAREA 1L	AREA	50	5.523		12.1500	63.37		
SUBAREA 1L	AREA	100	6.985		12.1500	80.38		
SUBAREA 1M	AREA	1	.514		12.1500	5.11		
SUBAREA 1M	AREA	2	.816		12.1500	8.81		
SUBAREA 1M	AREA	5	1.405		12.1000	15.97		
SUBAREA 1M	AREA	10	2.072		12.1000	24.26		
SUBAREA 1M	AREA	25	2.795		12.1000	33.14		
SUBAREA 1M	AREA	50	3.173		12.1000	37.74		
SUBAREA 1M	AREA	100	3.954		12.1000	47.17		

Name.... Watershed

File.... \\S10svr01\M\p\0403734\STORM\BASHER_KILL_PROPOSED.PPW

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Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
SUBAREA 1S	AREA	1	.583		12.1000	6.78		
SUBAREA 1S	AREA	2	.799		12.1000	9.36		
SUBAREA 1S	AREA	5	1.182		12.1000	13.85		
SUBAREA 1S	AREA	10	1.583		12.1000	18.45		
SUBAREA 1S	AREA	25	1.995		12.1000	23.09		
SUBAREA 1S	AREA	50	2.204		12.1000	25.41		
SUBAREA 1S	AREA	100	2.627		12.1000	30.06		

Type.... Design Storms
Name.... ORANGE County

File.... \\S10svr01\M\p\0403734\STORM\
Title... Project Date: 12/11/2006
Project Engineer: Schoor DePalma
Project Title: Basher_Kill_Proposed Conditions
Project Comments:

DESIGN STORMS SUMMARY

Design Storm File, ID = ORANGE County

Storm Tag Name = 1

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 2.9000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 2

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 3.5000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 5

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 5 yr
Total Rainfall Depth= 4.5000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 10

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 5.5000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 25

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 6.5000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Type.... Design Storms
Name.... ORANGE County

File.... \\S10svr01\M\p\0403734\STORM\
Title... Project Date: 12/11/2006
Project Engineer: Schoor DePalma
Project Title: Basher_Kill_Proposed Conditions
Project Comments:

DESIGN STORMS SUMMARY

Design Storm File, ID = ORANGE County

Storm Tag Name = 50

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 7.0000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm TypeIII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 8.0000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

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Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
SUBAREA 1N	AREA	1	.233		12.1000	2.45		
SUBAREA 1N	AREA	2	.360		12.1000	4.11		
SUBAREA 1N	AREA	5	.605		12.1000	7.26		
SUBAREA 1N	AREA	10	.879		12.1000	10.72		
SUBAREA 1N	AREA	25	1.173		12.1000	14.38		
SUBAREA 1N	AREA	50	1.326		12.1000	16.27		
SUBAREA 1N	AREA	100	1.642		12.1000	20.11		
SUBAREA 1O	AREA	1	.375		12.2000	2.48		
SUBAREA 1O	AREA	2	.654		12.1500	5.89		
SUBAREA 1O	AREA	5	1.233		12.1500	13.07		
SUBAREA 1O	AREA	10	1.918		12.1500	21.39		
SUBAREA 1O	AREA	25	2.681		12.1500	30.54		
SUBAREA 1O	AREA	50	3.086		12.1500	35.35		
SUBAREA 1O	AREA	100	3.935		12.1500	45.31		
SUBAREA 1P	AREA	1	1.750		12.2000	16.31		
SUBAREA 1P	AREA	2	2.646		12.2000	26.10		
SUBAREA 1P	AREA	5	4.344		12.2000	44.38		
SUBAREA 1P	AREA	10	6.222		12.2000	64.27		
SUBAREA 1P	AREA	25	8.225		12.1500	85.54		
SUBAREA 1P	AREA	50	9.262		12.1500	96.55		
SUBAREA 1P	AREA	100	11.391		12.1500	118.95		
SUBAREA 1R	AREA	1	.104		12.5000	.39		
SUBAREA 1R	AREA	2	.205		12.4000	1.13		
SUBAREA 1R	AREA	5	.429		12.2500	3.21		
SUBAREA 1R	AREA	10	.707		12.2500	6.05		
SUBAREA 1R	AREA	25	1.026		12.2500	9.26		
SUBAREA 1R	AREA	50	1.198		12.2500	10.98		
SUBAREA 1R	AREA	100	1.562		12.2500	14.61		