

Detention Analysis
S.A.K. CONSTRUCTION
HEADQUARTERS PARKING ADDITION
O'FALLON, MISSOURI
(Musler Engineering Project No. 11-1230HQ)

Prepared For:

S.A.K. CONSTRUCTION 864 Hoff Road O'Fallon, Missouri 63366

Performed by:

Musler Engineering Company 32 Portwest Court Saint Charles, MO 63303-5985

September 2016



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WATER QUALITY & DETENTION ANALYSIS S.A.K. CONSTRUCTION HEADQUARTERS PARKING ADDITION

INTRODUCTION

At the request of S.A.K. Construction, we have conducted an analysis for detention and water quality for a dry detention basin.

SITE AND PROJECT DESCRIPTION

The S.A.K. Construction Headquarters Parking Lot Addition is located at 864 Hoff Road in the City of O'Fallon, Saint Charles County, Missouri. The site is located on the east side of Hoff Road, approximately 0.4 miles north of the intersection with West Terra Lane. The site area for the S.A.K. Construction Storage Yard, including the future development is approximately 7.73 acres. The drainage area of the proposed improvement enters an un-named creek to the west of the site and is tributary to Peruque Creek.

METHODOLOGY AND DETENTION ANALYSIS

The storm run-off for the 2 year, 15 year, 25 year and 100 year – 24 hour storm events was determined using the SCS Method. The existing conditions were calculated using the original detention report performed by David Mason & Associates supplied by the City of O'Fallon The detention was analyzed using "Hydraflow Hydrographs 2007" (see Appendix). The time of concentration from the water quality analysis was used for this analysis also.

The project drains to the Perugue Creek watershed through an unnamed tributary

The table below shows the results for the basin.

HYDROLOGIC AND DETENTION SUMMARY TABLE

Storm Event	Pr. Flow to Basin	Max Allow. Outflow	Total Outflow
2 yr20 min.	16.60 cfs	5.77 cfs	4.87 cfs
15 yr20 min.	42,44 cfs	23.39 cfs	22,00 cfs
25 yr -20 min.	44.25 cfs	24.75 cfs	23.07 cfs
100 yr20 min.	58.72 cfs	35.79 cfs	35.01 cfs

Top of dam = 568.38 100vr. high water = 566.32

Freeboard = 2.06 feet

100yr, high water with low flow blocked = 566.62. Freeboard with low flow blocked = 1.76 feet



Hydrograph Return Period Recap

Hydraflow Hydrographs by Intelsolve v9.2

SCS Runoff SCS Runoff SCS Runoff Reservoir	Hyd(s)	1-Ye	2-Yr 5,768	3-Yr	5-Yr	10-Yr	25-Yr	102777	200 00	description
SCS Runoff SCS Runoff Reservoir	3	2000EC)					74.95 E.F.	50-Yr	100-Yr	
SGS Runoff Reservoir	3	2000EC)		111///		23.39	24.75	10877	35.79	Existing to NW (Mason Report)
SGS Runoff Reservoir	3		16.54	(7774335)	>======	38.96	40.54	******	53.10	Proposed (Mason Report)
Reservoir		1711112	16 60	3111111	7110011	42.44	44.25		58.72	Proposed to Revise Basin
Reservoir		*******	4.887		5- 47/1555 5	22.00	23.07	******	35.01	Prithru Rev Basin
	3	300000000	5.415	: 300005	Canners	25.47	27.38		43,05	Pr. thr Rev Basin LFB

Hydrograph Summary Report

Hydraflow Hydrographs by Intelisoive v9.2

łyd. No,	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
1	SCS Runoff	5.768	3	723	16,293	2012	TOTAL TOTAL	Maria:	Existing to NW (Mason Report)
2	SCS Runoff	16:54	3	717	39,181	- 			Proposed (Mason Report)
3	SCS Runoff	18.80	3	717	38.077	****	47777		Proposed to Revise Basin
4	Reservoir	4.867	3.	728	38,080	3	563.97	11,510	Pr thru Rev Basin
44	-1230-HQ-S	08.00.00	1.16 gov	7	Patura	Period: 2 Y	Year.	Stiday St	ap 9, 2016

Hydraflow Hydrographs by Intelisolve v9.2

Friday, Sep 9, 2016

Hyd. No. 1

Existing to NW (Mason Report)

= SCS Runoff Hydrograph type Storm frequency = 2 yrs Time interval = 3 min = 5.870 ac Drainage area Basin Slope = 2.7 % Tc method = USER Total precip. = 2.39 in= 24 hrs Storm duration

Peak discharge = 5.768 cfs
Time to peak = 723 min
Hyd. volume = 97,684 cuft
Curve number = 79
Hydraulic length = 808 ft
Time of conc. (Tc) = 14.0 min
Distribution = Type II
Shape factor = 484

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time Outflow		Time	Outflow	Time	Outflow	Time Outflow			
(min	cfs)	(min	cfs)	(min	cfs)	(min	cfs)		
AND TO SERVICE STATE OF THE SE	VOTE TATALAN	(Salatana)		Viernes o		000000	0.400		
581	0.064	792	0.472	903	0.257	1014	0.183		
684	0.078	795	0.460	906	0.255	1017	0.182		
687	0.093	798	0.449	909	0.252	1020	0.181		
690	0.110	801	0.439	912	0.249	1023	0.180		
693	0.136	804	0.429	915	0.247	1026	0.179		
596	0.190	807	0.419	918	0.244	1029	0.178		
699	0.300	810	0,409	921	0.241	1032	0.177		
702	0.494	813	0.399	924	0.239	1035	0.176		
705	0.792	816	0.389	927	0.236	1038	0.175		
708	1,253	819	0.380	930	0.233	1041	0.175		
711	1.994	822	0.372	933	0.231	1044	0.174		
714	3,167	825	0.384	936	0.228	1047	0.173		
717	4.607	828	0.356	939	0.225	1050	0.172		
720	5.666	831	0.348	942	0.222	1053	0.171		
723	5.768 <<	834	0.341	945	0.220	1056	0.170		
726	4.938	837	0.333	948	0.217	1059	0.169		
729	3.795	840	0.326	951	0.214	1062	0.168		
732	2.730	843	0.319	954	0.211	1065	0.167		
735	1.857	846	0.312	957	0.209	1068	0.166		
738	1.324	849	0.306	960	0.206	1071	0.165		
741	1.130	852	0.302	963	0.203	1074	0.164		
744	1.057	855	0.298	986	0.201	1077	0.163		
747	0.982	858	0.295	969	0.198	1080	0.162		
750	0.906	861	0.293	972	0.197	1083	0.161		
753	0.830	864	0.290	975	0.195	1086	0.160		
756	0.761	867	0.288	978	0.194	1089	0.159		
759	0.705	870	0.285	981	0.193	1092	0.158		
		873	0.283	984	0.192	1095	0.157		
762	0.663			987	0.192	1098	0.156		
765	0.631	876	0.280			1101	0.155		
768	0.608	879	0.278	990	0.191				
771	0.588	882	0.275	993	0.190	1104	0.154		
774	0.571	885	0.273	996	0.189	1107	0.153		
777	0.553	888	0.270	999	0.188	1110	0.152		
780	0.535	891	0.268	1002	0.187	1113	0.151		
783	0.517	894	0.265	1005	0.186	1116	0.150		
786	0.500	897	0.263	1008	0.185	1119	0.149		
789	0.485	900	0.260	1011	0.184	1122	0.148		

to the state of the state of	Outflow		Outflow
(min	cfs)	(min	cfs)
(min 1125 1128 1131 1134 1137 1140 1143 1146 1149 1155 1155 1155 1155 1161 1167 1170 1173 1176 1179 1185 1181 1194 1197 1200 1203 1206 1212 1215 1218 1221 1224 1227 1230 1242 1257 1269 1275 1276 1276 1276 1276 1277 1276 1276 1277 1276 1276 1277 1276 1277 1276 1277 1277 1278 1278 1278 1278 1278 1281 1284	0.147 0.145 0.147 0.148 0.149 0.139 0.130 0.131 0.132 0.133 0.133 0.132 0.132 0.121 0.135 0.135 0.135 0.136 0.137 0.138 0.137 0.138 0.138 0.139 0.129 0.121 0.116 0.115 0.115 0.115 0.115 0.115 0.115 0.113 0.113 0.113 0.113	(min 1287 1290 1293 1296 1305 1305 1308 1311 1314 1317 1320 1323 1329 1335 1338 1341 1347 1350 1353 1358 1359 1365 1368 1371 1374 1377 1380 1383 1386 1389 1395 1398 1401 1404 1407 1410 1413 1416 1419 1422 1425 1434 1437 1440 1443 1443 1446	0.112 0.112 0.112 0.112 0.111 0.111 0.111 0.111 0.110 0.110 0.110 0.109 0.109 0.109 0.109 0.108 0.108 0.105 0.105 0.105 0.104 0.105

...End

Hydraflow Hydrographs by Intelisolve v9.2

Friday, Sep 9, 2016

Hyd. No. 2

Proposed (Mason Report)

= 16.54 cfs Peak discharge Hydrograph type = SCS Runoff = 717 min Time to peak Storm frequency = 2 yrs Time interval = 3 min Hyd. volume = 135,157 cuft Curve number = 95 Drainage area = 6.200 ac Basin Slope = 2.7 % Hydraulic length = 808 ft Basin Slope Time of conc. (Tc) = 6.0 min = USER To method = Type II Total precip. = 2.39 in Storm duration = 24 hrs. Distribution = 484 Shape factor

Hydrograph Discharge Table

Printed values == 1,00% of Op 1

Time Outflow		Time	Outflow	Time	Outflow	Time Outflow			
(min	cfs)	(min	cfs)	(min	cfs)	(min	cfs)		
504	0.400	045	0.200	726	5.787	837	0.530		
504	0.166	615	0.389	729	3.100	840	0.517		
507	0.171	618	0.402	732	2.311	843	0.505		
510	0.176	621	0.416			846	0.495		
513	0.181	624	0.430	735	2.161	the second of the second	0.488		
516	0.186	627	0.444	738	2.014	849	0.483		
519	0.191	630	0.458	741	1.867	852 855	0.478		
522	0.197	633	0.473	744	1,719	858	0.474		
525	0.202	636	0.490	747	1,570		0.469		
528	0.207	639	0.510	750	1.421	861			
531	0.213	642	0.532	753	1.284	864	0.465		
534	0.218	645	0.555	756	1.181	867	0.460		
537	0.224	648	0.578	759	1.116	870	0.456		
540	0.230	651	0.602	762	1.074	873	0.451		
543	0.235	654	0.626	765	1.041	876	0.446		
545	0.239	657	0.650	768	1,007	879	0.442		
549	0.242	660	0.674	771	0.973	882	0.437		
552	0.244	663	0.701	774	0.939	885	0.433		
555	0.246	666	0.738	777	0.905	888	0.428		
558	0.248	669	0.784	780	0.871	891	0.423		
561	0.250	672	0.837	783	0.838	894	0.419		
564	0.252	675	0.892	786	0.811	897	0.414		
667	0.254	678	0.948	789	0.788	900	0.409		
570	0.256	681	1.006	792	0.769	903	0.405		
573	0.258	684	1.064	795	0.750	906	0.400		
576	0.263	687	1.123	798	0.732	909	0.396		
579	0.269	690	1.183	801	0.714	912	0.391		
582	0.277	693	1.367	804	0.695	915	0.386		
585	0.286	696	1.930	807	0.677	918	0.382		
588	0.295	699	2.930	810	0.659	921	0.377		
591	0.303	702	4.225	813	0.641	924	0.372		
594	0.312	705	5.664	816	0.624	927	0.368		
597	0.321	708	7.423	819	0.610	930	0.363		
600	0.330	711	10.04	822	0.596	933	0.359		
603	0.340	714	13.65	825	0.583	936	0.354		
606	0.351	717	16.54 <<	828	0.570	939	0.349		
609	0.363	720	15.49	831	0.557	942	0.345		
612	0.376	723	10.65	834	0.544	945	0.340		
W 1.64	9809CE 901	(c. addaha))	THE STATE OF THE S	700 m v 10	**************************************	18:104	**************************************		

Time Outflow		Time	Outflow	Time	Outflow
(min	cfs)	(min	cfs)	(min	cfs)
948 951 954 957 960 963 966 969	0.335 0.331 0.326 0.321 0.317 0.312 0.309 0.306	1110 1113 1116 1119 1122 1125 1128 1131	0.228 0.227 0.225 0.223 0.222 0.220 0.218 0.217	1272 1275 1278 1281 1284 1287 1290 1293	0.168 0.168 0.167 0.167 0.167 0.166 0.166
969 972 975 978 981 984 987 990 993 996 999 1005 1008 1011 1014 1017 1020 1023 1026 1029 1032 1035 1041 1044 1047 1050 1053 1050 1053 1050	0.306 0.305 0.303 0.301 0.300 0.298 0.296 0.295 0.293 0.291 0.290 0.288 0.286 0.285 0.282 0.283 0.282 0.283 0.277 0.275 0.277 0.275 0.273 0.272 0.270 0.268 0.265 0.263 0.262 0.263 0.263 0.257 0.258 0.257 0.258 0.257 0.275 0.275 0.275 0.275 0.275 0.275 0.275 0.275 0.275 0.275 0.275 0.275 0.263 0.263 0.263 0.263 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.258 0.257 0.268 0.263 0.257 0.258 0.258 0.257 0.253 0.252 0.253 0.252 0.253 0.253 0.252 0.253	1131 1134 1137 1140 1143 1146 1149 1152 1155 1158 1161 1164 1167 1170 1173 1176 1179 1185 1188 1191 1194 1197 1200 1203 1206 1209 1212 1215 1218 1221 1224 1227 1230 1233 1236 1238 1242 1245 1251 1257 1260	0.215 0.215 0.215 0.213 0.212 0.208 0.207 0.208 0.203 0.203 0.203 0.195 0.195 0.195 0.195 0.188 0.187 0.188 0.187 0.176 0.176 0.177 0.174 0.173 0.174 0.173 0.174 0.173 0.174 0.175 0.171 0.175 0.171 0.172 0.173	1293 End	Agency Co.
1101 1104 1107	0.233 0.232 9.230	1263 1266 1269	0,169 0,169 0,168		

Hydraflow Hydrographs by Inteliscive v9.2

Friday, Sep 9, 2016

Hyd. No. 3

Proposed to Revise Basin

= 16.60 cfs Peak discharge Hydrograph type = SCS Runoff Time to peak = 717 min Storm frequency = 2 yrs = 144,854 cuft Hyd. volume Time interval = 3 min Drainage area = 7.030 ac Curve number = 92* Hydraulic length = 808 ft Basin Slope = 2.7 % Time of conc. (Tc) = 6.0 minTo method = USER Total precip. Distribution = Type II = 2.39 inStorm duration = 24 hrs = 484 Shape factor

Hydrograph Discharge Table

Primed values >= 1.00% of Ep 1

Time Outflow		Time	Outflow	Time -	Outflow	Time Outflow			
(min	cfs)	(min	cfs)	(min	cfs)	(min	cfs)		
FFO	6.466	669	0.655	780	0.921	891	0.452		
558 561	0.168 0.171	672	0.703	783	0.687	894	0.447		
		675	0.754	786	0.858	897	0.442		
564	0.173	678	0.806	789	0.834	900	0.437		
567	0.175	681	0.860	792	0.814	903	0.432		
570	0.178		0.860	795	0.795	906	0.428		
573	0.180	684	0.972	798	0.776	909	0.423		
576	0.185	687 690	1.031	801	0.757	912	0.418		
579	0.190			804	0.737	915	0.413		
582	0.197	693	1,200	807	0.718	918	0.408		
585	0.204	696	1,711	810	0.699	921	0.403		
588	0.212	699	2.629			924	0.398		
591	0.219	702	3.843	813	0.680	927	0.393		
594	0.227	705	5.239	816	0.663				
597	0.235	708	6.999	819	0.648	930	0.388		
600	0.243	711	9.672	822	0.633	933	0.383		
603	0.251	714	13.45	825	0.620	936	0.379		
606	0.261	717	16 60 <<	828	0.606	939	0.374		
609	0.271	720	15,75	831	0.592	942	0.369		
612	0.282	723	10.94	834	0.578	945	0.364		
615	0.294	726	5.989	837	0.564	948	0.359		
618	0.306	729	3.228	840	0.550	951	0.354		
621	0.318	732	2.413	843	0.537	954	0.349		
624	0.330	735	2.260	846	0.527	957	0.344		
627	0.343	738	2.109	849	0.520	960	0.339		
630	0.356	741	1.957	852	0.514	963	0.334		
633	0.369	744	1.803	855	0.510	966	0.331		
636	0.385	747	1.649	858	0.505	969	0.328		
639	0.403	750	1.494	861	0.500	972	0.326		
642	0.423	753	1.350	864	0.495	975	0.325		
645	0.444	756	1.243	867	0.490	978	0.323		
648	0.465	759	1.176	870	0.486	981	0.321		
651	0.486	762	1.133	873	0.481	984	0.319		
654	0.508	765	1.098	876	0.476	987	0.318		
657	0.531	768	1.062	879	0.471	990	0.315		
660	0.553	771	1.027	882	0.466	993	0.314		
663	0.579	774	0.992	885	0.462	996	0.312		
666	0.513	777	0.956	888	0.457	999	0.311		

^{*} Composite (Area/CN) = [(1.210 x 74) + (1.430 x 89) + (4.390 x 98)] / 7.030

Hydraflow Hydrographs by Intelisolve v9.2

Friday, Sep 9, 2016

Hyd. No. 4

Pr thru Rev Basin

Hydrograph type Storm frequency Time interval

= Reservoir = 2 yrs = 3 min

= 3 - Proposed to Revise Basin Inflow hyd. No.

Max. Elevation = 563.97 ft

Peak discharge Time to peak Hyd, volume Reservoir name

= 4.867 cfs = 726 min = 144,860 cuft Revised Basin

= 11,510 cuft Max. Storage

Storage indication method used

Hydrograph Discharge Table

(Printed values Av 1 00% of Dp.)

Time (min)	Inflow	Elevation	Clv A	Clv B	Clv C	PfRsr cfs	Wr A	Wr B	Wr C	Wr D	Exfil	Outflow
Seccesia.	1200	97.0 	250) 2000	2730								
441	0.050	561.93	0.053	0.050	****			*****	C******	*****	*****	0.050
444	0.051	561.94	0.054	0.051		*****	****	*****		100000	9-2015	0.051
447	0.053	561.94	0.055	0.053	****		T-777		44100		**************************************	0.053
450	0.055	561,94	0.057	0.055	*****		****	-	9		1000000	0.055
453	0.057	561.94	0.058	0.056	55855		*****		Trans.		70,00	0.056
456	0.058	561,94	0.059	0.058		-E73115.)		A11117	v.V.J.C.C.			0,058
459	0.060	561.95	0.060	0.060	*****	27773		Lange		•••••	*****	0.060
462	0.062	561.95	0.062	0.062	55755		17, 17					0.062
465	0.064	561.95	0.064	0.063	*****	*****	W 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			****	*****	0.063
468	0.065	561.95	0.066	0.065	2222	THEFT		-		*****	****	0.065
471	0.067	561.95	0.069	0.067			*****	-			-	0.067
474	0.069	561.95	0.071	0.069				****	*****	*****	-	0.069
477	0.071	561.96	0,073	0.070	40000	*****	****			****	*****	0.070
480	0.072	561.96	0.075	0.072	****	28482	HARMA			-		0.072
483	0.074	561.96	0.078	0.074	2000		*****		****		****	0.074
486	0.077	581.98	0.081	0.076	****	****	****					0.076
489	0.080	561.97	0.084	0.079	444	*****	****	*****	****		******	0.079
492	0.083	561.97	0.086	0.083	****	****			****		25	0.083
495	0.086	561.97	0.089	0.086	*****	*****	*****	****				0.086
498	0.090	561.97	0.092	0.089			****					0.090
501	0.093	561.98	0.094	0.093		5-55-5-5		****				0.093
504	0.097	561.98	0.097	0.097				****	*****			0.097
507	0.101	561.98	0.102	0.101		*****		25000		*****		0.101
510	0.105	561.99	0.109	0 104	37777	2000	*****	2007			****	0.104
513	0.109	561.99	0.115	0.108				*****	20220	COMP.		0.108
516	0.113	561.99	0.122	0.112		A TEATER		140,450,000	OF THE	-		0.112
519	0.117	562.00	0.129	0.117	THE PARTY OF THE P	-	27.5	D-0000	1	COL	CLU III	0.117
522	0.121	562.00	0.132	0.118	-	****		W-1777	-			0.118
525	0.126	562.00	0.133	0.119	10000	-		12000		2070	-	0.119
528	0.130	562.00	0.133	0.120		1	-72 may 57 y	2000		200.00	****	0.120
531	0.134	562.00	0.135	0.121	2000	1	VCTVI)	PH. 122	200	250000	90000	0.121
534	0.139	562.00	0.136	0.122	77700	-		2000	22222	-	40000	0.122
537	0.144	562.00	0.138	0.124	and the	220000	20000		WC-0740	50.00		0.124
540	0.149	562.00	0.140	0.126		100000			54000	-	22122	0.126
543	0.153	562,00	0.142	0.129	20000	-			3444	-		0.129
												0.131
546	0.157	562.01	0.144	0.131	194000	H+234	(-1		(100000)			0.134
549	0.160	562.01			-			0.000		****	*****	0.136
552	0.163	562.01	0.150	0.136	SHIVE:			Celenter:	2000	******	50000	0.139
555	0.166	562.01	0.152	0.139		****		>		Wilder.	-25555	0.139
558	0.168	562.01	0.155	0.141	3-1995	****	N 20120		****		*******	0.142
561	0.171	582.02	0.157	0.144	-5500S	****		77.75	*****	10000		U 144

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Civ B cfs	Cly C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
564	0.173	562.02	0.160	0.147	*****	*****		20,000	2002			0.147
567	0.175	562.02	0.162	0.149	40000	*****	*****	****	(Table)			0.149
570	0.178	562.02	0.165	0.152		*****		22222		*****	*****	0.152
573	0.180	562.02	0.167	0.154	-	505000		*****	Girls:			0.154
576	0.185	562.02	0.170	0.157	-	-	-	22222	*****	****		0.157
579	0.190	562.03	0.173	0.160	*****	-	Stient			*****		0.160
582	0.197	562.03	0.176	0.163	Carren	****		*****		20000000		0.163
	0.204	562.03	0.179	0.167	(16000000000000000000000000000000000000			*******			E-14478	0.167
585	The second secon	and the second second	0.179	0.170		1 00000 00			(31073			0.170
588	0.212	562,03	100		(3 -4000 , G			O nios io		(2007C)	0.175
591	0.219	562.03	0.187	0.175			C olloc		-	2.50		0.179
594	0.227	562.04	0.191	0.179			****	******	Septime.	-5580	-	0.184
597	0.235	562.04	0.196	0.184			AMAGE II		1-50000-11	-	2877	0.189
600	0.243	562.04	0.201	0.189	****	*****	NAME	-	-50000	1000		
603	0.251	562.05	0.207	0.195	*****	STANCE -	0.55	10700	40000		=,0,00	0.195
606	0.261	582.05	0.212	0.200	****	****	h	*****		211112		0,200
609	0.271	562.05	0.218	0,206	100			11.00		Contract of	O THE	0.206
612	0.282	562,06	0.225	0.213	1000		COARS.		1 1 1 1 -	550		0.213
615	0.294	562.06	0.231	0.220	W	GILLON,	Vientina	-	P000 P		The state of the s	0.220
618	0.306	562.07	0.239	0.228	######################################	acone.	4.000	Tarana and a	t report to	14444		0.227
621	0.318	562.07	0.246	0.235) 2222			0.235
624	0.330	562.08	0.255	0.244	T. C. C.					2000000	*****	0.244
627	0.343	562.08	0.263	0.252						-	****	0.252
630	0.356	562.09	0.272	0.261				***		*****	*****	0.261
633	0.369	562.09	0.281	0.271		-	****	-	****		(1600000	0.271
636	0.385	562.10	0.291	0.281	****	*****	7411XE	****			-	0.281
639	0.403	562.11	0.305	0.295		****	*****	*****		-	(ex-107)	0.295
642	0.423	562.11	0.319	0.310						4.004	0.000	0.310
645	0.444	562.12	0.334	0.326				7977	****		(3000)	0.326
648	0.465	562.13	0.350	0.342	******		*****			111000	00000	0.342
651	0.486	562,14	0.386	0.359		-	71-70-70-70-7	-1005	NA.533	*****		0.359
654	0.508	562.14	0.383	0.377	1,770,000	2000				52,100	0,00,00,0	0.377
657	0.531	562,15	0.400	0.395	*****		*****			60.00		0.395
660	0.553	562,16	0.418	0.414	100000						177507	0.414
663	0.579	562.17	0.436	0.433		21112	110000	-				0.433
666	0.613	562.18	0.456	0,454		.7755	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2700E		2300		0.454
669	0,655	562.19	0.478	0.477	-00-		1000	*****	*****			0.477
672	0.703	562.20	0.503	0.503		-44		******	220299	- Daymer		0.503
675	0.754	562.21	0.540	0.536							11.000	0.536
678	0.806	562.23	0.581	0.573		Dentile:	2000	1407.74	The same		77575	0.573
681	0.860	562.24	0.624	0.613	There is			1012 (A. C.			411164	0.612
684	0.915	562.25	0.671	0.854	- Herring (-	*****	12011-				0.654
687	0.972	562.27	0,719	0.698			****	54445	*****			0.698
690	1.031	562.29	0.770	0.744	*****	****		*****	*****			0.744
693	1.200	562.31	0.834	0.805	Serve)	-	****	*****	*****	*****		0.805
696	1.711	562.34	0.950	0.923		****	-	04111111		*****		0.923
699	2.629	562.41	1.181	1.150				*****		*****	*****	1,150
702	3.843	562.53	1.616	1.555	Beene		- 			******	*****	1,555
705	5.239	562.69	2.144	2.143		-		*****	*****	*****	-	2.143
708	6.999	562.91	2.945	2.900	*****	H EXXXIII.	*****	****	*****) (30,000,000)	2200	2.900
711	9.672	563.08	3,305	3.272	-		*****	*****	20000		3550	3.272
714	13,45	563.24	3.691	3.591	-	*****	OTHERS.	7861124	*****	****		3.591
717	16 60 <<		4.038	4.036	F-0705	-		-	******		2.10.11	4.038 4.450
720	15.75	563.71	4.585	4.450	-		C=1/2)	Carrent-	W. 1997		1000	4.748
723	10,94	563,89	4.879	4.748	57503°	The state of the s	1 Jan 19 19 19 19 19 19 19 19 19 19 19 19 19	52000	Contract of	GREET.		7. (40

Time (min)	Inflow cfs	Elevation ft	CIV A	Clv B cfs	CIV C	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
726	5.989	583.96 <<	5.004	4.867		*****		****	2447		4	4.867 <<
729	3.228	563.96	4.996	4 859	2000	1.00.0			-		****	4.859
732	2.413	563.92	4.927	4.794		*****	-900			****	-	4.794
735	2.260	563.87	4.844	4.714	****	99999	(24222)				*****	4.714
	2.109	563.82	4.760	4.631	140000	22202	-			****	****	4.631
738			4.674	4.543				*****	*****		Telephone II	4.543
741	1,957	563.77		4.452						-		4.452
744	1,803	563.71	4.587			9000		XXXXX			- Particular	4.356
747	1.649	563.66	4.498	4.358			*****	*****	*****		(80000	4.257
750	1.494	563.60	4.408	4.257	*****	*****	*****	33700		55555	Name of Street	4.163
753	1.350	563,55	4.232	4.163	*****			35535	34440			4,068
756	1.243	563.49	4.069	4.068	(10)(m)		-	4.4	*****	-	2000	3,975
759	1,176	563.43	3.981	3.975		******	****	****		500000		
762	1,133	563.37	3.894	3.873	-		4.4	****		2000	2000	3.873
765	1 098	563.32	3.811	3.761	(ex+	*****	****	*****	3	-	*****	3.761
768	1.062	563.27	3.730	3,648	*****	*****	*****	****	****			3.648
771	1.027	563.22	3.853	3,535	Service.	11 (1)	2000	*****	27772			3.535
774	0.992	563.16	3.528	3.442	195555	*****	(A	C/1007	1700-06	275-2	- Production	3.442
777	0.956	563,12	3.385	3.358			100	THE STATE OF	2507754	-00=	*****	3.358
780	0.921	563.07	3.294	3.251	77.7.7	DAY I	-		*****			3,252
783	0.887	583.02	3.228	3.137	2000	****		*****				3,137
786	0.858	562.93	3.009	2.947			*****			-	*****	2.947
789	0.834	562.81	2.701	2.589					G-10-01		5	2.589
792	0.814	562.72	2.266	2,243	-	2	*****		*****	-	45344	2.243
795	0.795	562.64	1.976	1,973	*****			****	*****		*****	1.973
798	0.776	562.57	1.766	1,741	-	****	1000	2442	· ***	*****	****	1.741
801	0.757	562.52	1.599	1,535	-	2000	-	V		****	*****	1.535
804	0.737	562.48	1.445	1.377	*****		****	****	-		0.000	1.377
807	0.718	562.44	1.302	1.254						*****		1.255
810	0.699	582.41	1.182	1.151	*****		****	Contract :	*****	3400000	051005	1.151
813	0.680	562.39	1.090	1.066	*****			(HOTELS.	****	****	1.066
816	0.663	562.37	1,020	0.994	*****		15555	5 58888 3	****	******		0.994
819	0.648	562.35	0.960	0.933	70000	****	****		*****	-53705		0.933
822	0.633	562.33	0.908	0.880	And the set and the	****	****					0.880
825	0.620	562.32	0.863	0.834	*****		*****			200000		0.834
828	0.606	562.31	0.824	0.794								0.794
831	0.592	582.29	0.790	0.762			25022					0.762
834	0.578	562.28	0.760	0.735				*****				0.735
837	0.564	562.28	0.733	0.710	*****	*****			4.00		17770	0.710
840	0.550	582.27	0.707	0.687		-		MARKET .	25,000	and the same	F-1	0.687
843	0.537	562.26	0.683	0.665		Verice	-	1	7.77.973	7.00		0.665
846	0.527	562.25	0.661	0.645	20000	MESTERS.	000000	20000		*****	***	0.645
849	0.520	562.24	0.640	0.627	10003	0.242	*****	*****	N # # T T	-20002	20000	0.627
852	0.514	562.24	0.622	0.610	2000		***	350000	***			0.610
855	0.510	562.23	0.605	0.595		****	5/22/20				*****	0.595
858	0.505	562.23	0.591	0.582				10000	3454	CANAL -	brane bran	0.582
861	0.500	582.22	0.577	0.570		****		(2000)	HARA		20-9-20	0.570
864	0.495	562.22	0.565	0.559			(40000)		***	CHORNAL		0.559
	The state of the s		0.554	0,549		Comme	(Green)	-	-			0.549
867	0.490	562,22 562,21	0.544	0.549						*****	55555	0.540
870	0.486	562.21	0.534	0.531		(Harrier)	3 -3000		******	(33000)	35555	0.531
873	0.481 0.476	562.21	0.534	0.523	*****	Central			34554	E-SOURCE		0.523
876	A CALL THE PARTY OF THE PARTY O		The second second	0.523		Denne.	Contraction of	Carrier .	oneree o	C. ST. ST. C.	******	0.518
879	0.471	562.20	0.517	0.509	Contract Con		-	SAME.	HARACE !			0.509
882 885	0.466	562.20 562.20	0.509			20000	******	Name of the last	******) North		0.502
000	V.402	202.20	0.000	0.002		*****	3	A CIGINIA	200	The same	1955	27004

Time (min)	Inflow	Elevation ft	CIV A	CIv B	Clv C cfs	PfRsr cfs	Wr A	Wr B cfs	Wr C	Wr D cfs	Exfil cfs	Outflow cfs
888	0.457	562.20	0.497	0.497	-	*****	-307E		arbre		2	0.497
			0.492	0.491		*****	-	222000		10110000000	*****	0,491
891	0.452	562.19		The series of the series		7-1-1	-		90075		*****	0.486
894	0.447	562,19	0.487	0,486	*****	2000		(00000)	52/2/12			0.481
897	0.442	562.19	0.482	0.481						25000	300000	0.476
900	0.437	562.19	0.477	0.476	aria in in	VIII.	3000					0.470
903	0.432	562.18	0.472	0.470			*****		*****	*****		
906	0.428	562.18	0.467	0.465	piere.	***			*****	*****		0.465
909	0.423	562,18	0.462	0.460	*****			***	*****		*****	0.460
912	0.418	562.18	0.457	0.455	****			2222	*****	*****	******	0.455
915	0.413	562.18	0.453	0.450	*****	***			-	-	*****	0.450
918	0.408	562.17	0.448	0.445	Section.		94.444		*****		*****	0.445
921	0.403	562 17	0.443	0.440	*****	******		-	****	3337		0,440
924	0.398	582.17	0.438	0.435	(100000)	-	****	200000	*****	3950	411.00	0,435
927	0.393	562.17	0.433	0.430		****	****	****	(*****	****		0.430
930	0.388	562.16	0.429	0.425					****	****	****	0.425
933	0.383	582.16	0.424	0.420		*****	****	*****	-			0,420
936	0.379	562.16	0.419	0.415	*****	****	0	-155501 5))	40.00		3000	0.415
939	0.374	562.16	0.414	0.410	****	-	****	*****	1,00000		W	0.410
942	0.369	562.16	0.410	0.405		******		-11-17-2-7 V	TOTAL T	Carry	-200	0.405
945	0.364	562.15	0.405	0.400			THE PARTY				3.1	0.400
948	0.359	562.15	0.400	0.395	*****	*****	10000				•	0.395
951	0.354	562.15	0.395	0.390		2500			•		1011	0.390
954	0.349	562.15	0.391	0.385	55050					-	*****	0.385
957	0.344	562.14	0.386	0.380	111111111111111111111111111111111111111		-	****		*****	-	0.380
960	0.339	582.14	0.381	0.375	1.000		*****	*****		2000	****	0.375
963	0.334	562.14	0.377	0.371	11 12 14 14 14 14	*****		*****	*****	*****		0.371
966	0.331	582.14	0.372	0.366				*****	*****		*****	0.366
969	0.328	562.14	0.368	0.361		****	-	-	****	*****	****	0.361
972	0.326	562.13	0.364	0.357	24222	-			*****	*****	(0)000	0.357
975	0.325	562.13	0.360	0.353	*****	*****		*****		*****	****	0.353
978	0.323	562.13	0.356	0.349	2000	****	*****	*****	*****		-	0.349
981	0.321	562.13	0.353	0.346	****	37793	*****		******	- 17/11-	****	0.346
984	0.319	562,13	0.350	0.342				*****		-	VII.	0.342
987	0.318	562.13	0.347	0.339		*****	*****	45014	*****	*****	17000	0.339
990	0.316	562.12	0.344	0.336	-	****	Add the set of the	****	77,777			0.336
993	0.314	562.12	0.341	0.334		*****	55555		*****	-311115		0.334
996	0.312	562.12	0.339	0.331	545500	*****			20000	*****	15355	0.331
999	0.311	562.12	0.337	0.329	-	3777		5777773	55055	270.00	30	0.329
1002	0.309	562.12	0.334	0.326		4.7.17.7.	7.5		F-100-01-0	20072		0.326
1005	0.307	562,12	0.332	0.324		NATITO (575E		***	*****		0.324
1008	0.305	562 12	0.330	0.322	30522 V		****	*****	22322	Links	and and the seal fac-	0.322
1011	0.304	562,12	0,328	0.319	-		1,000	2012	and the said		33000	0.320
1014	0.302	562.12	0,326	0.317		11111	2.22			2000	*****	0.317
1017	0.300	562.12	0.324	0.315		10000	111111	A	*****	****	****	0.315
1020	0.299	562.11	0.322	0,313	2222	60000	-	*****	****	*****		0.313
1023	0.297	562,11	0.320	0.311	*****	-	*****	*****	-		H = 1000	0,311
1026	0.295	562.11	0.318	0.309	*****	-		*****		****		0,309
1029	0.293	562,11	0.316	0.307	-	-	++	****	-	21000		0.307
1032	0.292	562,11	0.314	0.305	*****	SHARK	-	****		****	360033	0.305
1035	0.290	562,11	0,313	0,304	Vertex.		****		((((()))	***	0.304
1038	0.288	562,11	0.311	0.302		*****		Contract Con	NAME (*****	0.302
1041	0.286	562.11	0.309	0.300		Hanne		100000	*****	*****		0.300
1044	0.284	562.11	0.307	0.298		****		0	*****	4	****	0.298
1047	0.283	562.11	0.306	0.298	V 2000	*****	3800.3 0	55555	2000	NA		0.296

April 1												
Time (min)	Inflow cfs	Elevation ft	CIV A	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1050	0.281	562 11	0.304	0.294	40000	11011		2224234	2000			0.294
1053	0.279	562.11	0.302	0 293		4			****		*****	0.293
1056	0.277	562.10	0.300	0.291	728112		-07940	10000			****	0.291
1059	0.276	562.10	0.299	0.289	B	99000	-			electric to		0.289
	and the second second second		0.297	0.287	2452		: 2000= :				*****	0.287
1062	0.274	562.10		0.285						****		0.285
1065	0.272	562.10	0.295	4-4	-		****	****				0.284
1068	0.270	582.10	0.294	0.284	*****	****	*****			3355	55666\$ 6	0.282
1071	0.269	562,10	0.292	0.282	*****			*****		*****		
1074	0.267	562.10	0.290	0.280	*****		30000	***	****	FPX 650		0.280
1077	0.265	562.10	0.289	0.279	-	******		*****			-	0.279
1080	0.263	562.10	0.288	0.277		***	2000	2000		200000	-	0.277
1083	0.262	562.10	0.286	0.276		=	-00mc	****		-	2000	0.276
1086	0,260	562.10	0.285	0.275	(45585	-	3000	5000	SEXXXX	77777		0.275
1089	0.258	562.10	0.283	0.273	OFFICE.	A CO. L.			33777	Chillian Control	-	0,273
1092	0.256	562.09	0.282	0.272	CHARACTER.	****		*****		1.000	2000	0.272
1095	0.255	562.09	0.280	0.270	(111111		-	-70.50		3505		0.270
1098	0.253	562.09	0.279	0.269		******	7070		-		COLOR	0.269
1101	0.251	562.09	0.277	0.267	TELES.		****	*****	-	120000	Aller a	0.267
1104	0.249	562.09	0.276	0.265			1000	Y-55-	100	13/000		0.265
1107	0.247	562.09	0.274	0.264		-			40.00	-	-	0.264
1110	0.246	562.09	0.273	0.262		-	Cathorn	Territor.	*****	22222	*****	0.262
1113	0.244	562.09	0.271	0.261		****	A		0-20-0-20			0.261
1116	0.242	562.09	0.270	0.259		****	-	-	- C			0.259
1119	0.240	562.09	0.268	0.257	0.00000	-	1,000		*****	26549		0.257
1122	0.239	562 08	0.266	0.256	20000		HILDER:	50000	Carron			0.256
1125	0.237	562.08	0.265	0.254					0.480000	(- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	T-1000-5	0.254
1000	and the second second	562.08	0.263	0.252						******	-	0.252
1128	0.235		0.261	0.251				*****	C*****			0.251
1131	0.233	562.08	A CANADA CONTRACTOR OF THE CON		44348		E3494	and the same of	4 111111111	install (7 market	0.249
1134	0.231	562.08	0.260	0.249		T-000	*****	= 	CARCOLIC .	(DOMAN)	Alexander	0.247
1137	0.230	562.08	0.258	0.247			-	-	- 			0.245
1140	0.228	562.08	0.256	0.245	7,000		10,000	-	*****			0.244
1143	0.226	562.08	0.255	0.244				=1707		200		And the sale of the sale of the
1146	0.224	562.08	0.253	0.242	500000					5		0.242
1149	0.223	562.08	0.251	0.240	*****	*****	*****		11.41.	- 47	Constitution	0.240
1152	0.221	562.07	0.250	0.238		-	****			*****		0.239
1155	0.219	562.07	0.248	0.237	25277	-1144-		*****			GETTE	0.237
1158	0.217	562.07	0.246	0.235	******	*****	*****	*****	- CHAIL	22222		0.235
1161	0.215	582.07	0.244	0.233	24455	LVIVI	20122				****	0.233
1164	0.214	562.07	0.243	0.231	CHICA			23032	22000		****	0,232
1167	0.212	582.07	0.241	0.230			*****		****		****	0.230
1170	0.210	582.07	0.239	0.228		*****	*****	****			****	0.228
1173	0.208	562.07	0.238	0.226	*****		200122	*****			*****	0.226
1176	0.206	562.07	0.236	0.224	++	1000	****					0.224
1179	0.205	562.08	0.234	0.223	-	****	****					0.223
1182	0.203	562.06	0.232	0.221	*****	*****	***			****	****	0.221
1185	0.201	562.06	0.231	0.219	*****	****		*****	*****		*****	0.219
1188	0.199	562.06	0.229	0.217			****			****		0.217
1191	0.197	562.06	0.227	0.216	(****	*****			*****	0.216
1194	0.196	562.06	0.225	0.214) (***********************	****		****	-		****	0.214
1197	0.194	562.06	0.224	0.212		Contraction (-75757	10-10-20.	****	****	*****	0.212
1200	0.192	562.06	0.222	0.210	*****	(seeses	200000 II	C+2000			*****	0.210
1203	0.192	562.06	0.220	0.209			******	\ 50005-				0.208
1205	0.189	562.05	0.218	0.203		5,55555		Comments.	20000	30773	DESCRIPTION OF THE PARTY OF THE	0.207
1200		562.05	0.217	0.205		(CA.					ANTE.	0.205
1209	0.188	302.00	0.217	V.200			martin V	- 30.00	- District			W.200

Time (min)	Inflow cfs	Elevation ft	Clv A	Clv B cfs	CIV C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1212	0.188	562.05	0.215	0.203	-	2070	(2000)			harrie.	2-0002	0.204
1215	0.188	562.05	0.214	0.202	21000	20000		20200	*****	100		0.202
1218	0.187	562.05	0.213	0.201			Chicago		24112			0.201
1221	0.187	562.05	0.211	0 199		1,000		*****	22002	10000000		0.199
The state of the s	and the second s		0.210	0.198	200.5	1707 100 10	33002	22222			-	0.198
1224	0.187	562.05					20000	*****				0.197
1227	0,186	562.05	0.209	0,197	2400441	STATE OF				****		0.196
1230	0.186	562.05	0.208	0,196	24044-1	20000					a	0.195
1233	0.186	562.05	0.207	0,195		****	Water !				- 	
1236	0 185	562.05	0.206	0,194	****			2220	*****	*****	*****	0.194
1239	0.185	562.05	0.205	0.193	*****		40200		*****		*****	0.193
1242	0.185	562,05	0.205	0.193		*****	*****		*****	*****		0.193
1245	0.184	562,05	0.204	0.192			*****	*****	****	****	-	0.192
1248	0.184	562.04	0.203	0.191	(-0000)	-	3			5-555-5	3500	0.191
1251	0.184	562.04	0.203	0.190	****	#X #35	31072			VW-1000	3000	0,190
1254	0.183	562.04	0.202	0.190	****	*****		****		****		0.190
1257	0.183	562.04	0.201	0.189	(*****	***	G 55568 9	Atlant	2000		311112	0.189
1260	0.183	562.04	0.201	0.189	36 33355	-58455)	*****		277.03	2000		0.189
1263	0.182	562.04	0.200	0.188	*****	******		10.000	1.00	COLON.	1510	0.188
1266	0.182	562,04	0.200	0.187				C. 1949	No.		*****	0.187
1269	0.181	582.04	0,199	0.187	77445				2500			0.187
1272	0.181	562.04	0.199	0.186	1500	*****	*****	-	*****	ET A LEE		0.186
1275	0.181	562.04	0,198	0.186		•••••		-		hanna.		0.186
1278	0.180	562.04	0.198	0.185		-	-				*****	0.185
1281	0.180	562.04	0.197	0.185					*****		or and and and	0.185
1284	0.180	562.04	0.197	0.184	******		*****		Barrer.	-	*****	0.184
1287	0.179	562.04	0.198	0.184					14.44 T		25000	0.184
1290	0.179	562.04	0.196	0.184		5 27582	-	-	Carrie	*****	*****	0.184 0.183
1293	0.179	562.04	0.195	0.183	2525F				(*****	(Historian)	*****	0.183
1296	0.178	562.04	0.195	0.183	2000		A Desired	Seminario (10.000	*****	(380000) (3800000)	0.182
1299	0.178	562.04 562.04	0.194	0.182				Contract Con	Central		ounter-	0.182
1302		562.04	0.194	0.181	*****	100XE	1000		5 98800	100 miles	*****	0.181
1305	0.177		Carlotte Committee					1000000	-	****		0.181
1308	0.177	562.04	0.193	0,181	*****	*****	55555	2000	14000	307708-1	5 7500.00	0.181
1311	0.177	562.04 562.04	0.193	0.181	55555	35552	*****	6 55555 8				0.180
1314 1317	0.176	562.04	0.192	0.180		==550000=0	077.75			5500000		0.180
1320	0.176	562.04	0.192	0.179			*****	==7777C1			7	0.179
1323	0.175	562.04	0.191	0.179	10000	ASTANTA		20000		21102	100	0.179
1326	0.175	562.04	0.191	0.179	7	(SERVE)	20033		75 11745		431145	0.179
1329	0.174	562.04	0,191	0.178	- 28-5A	011	22222	-	Thurst	1	/ contract	0.178
1332	0.174	562.04	0.190	0.178	-00-	100000	200	100000	774-1-2			0.178
1335	0.174	562.04	0.190	0.178	2000	No.	-327.4	40.00	11007			0.178
1338	0.173	562.04	0.190	0.177	Tierres !	2030	2000	-	*****		***	0.177
1341	0.173	562.04	0.189	0.177	17/27		2000	2444	**************************************	10000	2000	0.177
1344	0.173	562.04	0.189	0.176	-		500000		2000	en all'alam		0.176
1347	0.172	562.04	0.188	0.178	1 262000	32000			9-2000	news and		0.176
1350	0.172	582.04	0.188	0.176	******	10/30 to 30 -	445	*****				0.176
1353	0.172	562,04	0.188	0.175	2 -92025	0.000000		24444	224-		***	0.175
1356	0.171	562,04	0.187	0.175	-	(2000)	100000			****	****	0.175
1359	0.171	562.03	0.187	0.175	(14000)	*****	543.64	*****	the late of the late of	****	*****	0.175
1362	0.171	562.03	0.187	0.174	2 3	-	*****	Calaban	****			0.174
1365	0.170	562.03	0.186	0.174		Certific	*****	****	*****	-	-	0.174
1368	0.170	562.03	0.186	0.174	****	Office.	-	(S0000)	-	****	****	0.174
1371	0.170	562.03	0.186	0.173	Harris (75000	****		-		30000	0,173

Time	Inflow	Elevation ft	CIV A	Clv B	CIV C	PfRsr cfs	Wr A	Wr B	Wr C	Wr D	Exfil	Outflow
(min)	CIS	CIC.	uis	UID.	0,0	818	610	9,550	-10	1997/	2000	0.000
1374	0.169	562.03	0.185	0.173			*****		2.500			0.173
1377	0.169	562.03	0.185	0.173		75775			-2000		-	0.173
1380	0.169	562.03	0.185	0.172		7777		200	-	2000	******	0,172
1383	0.168	562.03	0.184	0.172	-50000		Times.	21.00	2.002		*****	0.172
1386	0.168	562.03	0.184	0.171	*****		-	2000	-	***		0,171
1389	0.167	562.03	0.184	0.171	15000		-	40000	****	-		0.171
1392	0.167	562.03	0.183	0.171	411700	40000	****	42711	*****		(******)	0.171
1395	0.167	562.03	0.183	0.170	B 444		20022	*****	2000	***	-1000	0.170
1398	0.166	562.03	0.183	0.170	****		-		acces.	****	3000	0.170
1401	0.166	562.03	0.182	0.170	****	****	*****		*****	(40) (44)	****	0.170
1404	0.166	562.03	0.182	0.169	*****	****		*****	*****			0.169
1407	0.165	582.03	0.182	0.169	-			(2004)	*****	3000	****	0.169
1410	0.165	582.03	0.181	0.169	1 (100)				*****	HARRY.	10000	0.169
1413	0.165	562.03	0.181	0.168	*****	****	Same t-	****	*****	*****		0.168
1416	0.164	562.03	0.180	0.168	*****		*****	*****	*****	2000		0.168
1419	0.184	582.03	0.180	0.168	****	****		****	-	25345	****	0.168
1422	0.164	562.03	0.180	0.167	****	****	Second.	****	(400	*****	10000	0.167
1425	0.163	562.03	0.180	0.167	-	****		******	*****	-	A THE STATE OF	0.167
1428	0.163	562.03	0.179	0.167	****			-				0.167
1431	0.163	562.03	0.179	0.166		****	*****		-	****		0.168
1434	0.162	562.03	0.178	0.166		2777	77777	****		*****		0.166
1437	0.162	562.03	0.178	0.165	nugger.			•	-		4000	0.165
1440	0.161	562.03	0.178	0.165	*****			21111	arrain.	*****		0.165
1443	0.129	562.03	0.178	0.163			Comp.	Acres.		-	3000000	0.163
1446	0.064	582.02	0.170	0.157			****		-	-	-	0.157
1449	0.021	562.02	0.159	0.146	22.22		*****	*****	-		*****	0.146
1452	0.000	562.01	0 147	0.134	7,5250		****		*****	****		0.134
1455	0.000	582.00	0.135	0.121	*****	*****	22222				****	0.121

...End

Pond Report

Hydraflow Hydrographs by Intelisoive v9.2.

Pond No. 1 - Revised Basin

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Begining Elevation = 581.82 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	581.82	00	Ö	٥
0.18	562.00	48	3	3
1.18	563.00	8,285	2,976	2,978
2.18	564.00	9,470	8,860	11,630
3.18	665.00	10,743	10,099	21,937
4.18	586.00	12.082	11,405	33,342
5.18	567.00	13,488	12,777	46,119

Wair Structures Culvert / Orifice Structures [C] [D] [C] [PrfRsr] [A] [B] [A] [8] 0.00 0.00 = 14.82 0.00 Rise (in) = 35.00 13.00 15.00 0.00 Crest Len (ft) = 566.02 0.00 0.00 0.00 23.00 0.00 = 36.00 13.00 Crest El. (ft) Span (in) 3.33 3.33 3 33 = 3.33 Weir Coeff. No. Barrels 4 1 = 561.82 561.82 564.13 0.00 Weir Type = Rect -Invert El. (ft) = Yes No No No: 0.00 0.00 Multi-Stage = 32.00 0.00 Length (ft) = 0.59 0.00 0.00 n/a Slope (%) = 013 .013 013 n/a N-Value = 0.000 (by Wet area) 0:60 0.60 0.80 Exfit (in/hr) = 0.60 Orifice Coeff. = 0.00TW Elev. (ft) Yes No Multi-Stage = p/a Yes

New Culver/Orffice outflows are analyzed under infet (tot and quitet (act control). Well resets checked for orffice conditions (ic) and submarganism (s).

Stage	Storage	Elevation	CIV A	CIVB	CIVC	PriRsr	WrA	Wr B	WrC	Wr D	Exfil	User	Total
ft	cuft	ft	cfs	cfs	cfs	cfs	cfs	cfs	cts	cfs	cfs	cfs	cfs
0.00	0	561.82	0.00	0.00	0.00	-444	0.00	F100	0.00	***		£355	0.000
0.02	0	561.84	0.00 tc	0.00 ic.	0.00		0.00	940			***		0.001
0.04	3	551.88	0.01 ic	0.01 lc	0.00	2347	0.00	-	(MAG)	450	199	499	0.005
0.05	3	581.87	0.01 ic	0.01 lc.	0.00	***	0.00	1777	1777.7	-	***	/222	0.011
0.07	- 1	581.89	0.02 to	0.02 ic	0.00	4-2	0.00	***	in the same of	400	-	S444	0.021
0.09	4	561.91	0.03 to	0.03 ic	0.00	1000	0.00			:FEE:		2.777	0.033
0.11	2	661.93	0.05 ic	0.04 lc	0.00	-	0.00	744	P440	- 4.5	-		0.043
0.13	2	561.95	0.06 ic	0.08 ic	0.00	1900	0.00		Http://	1	400	***	0,080
0.14	2	561.96	0.08 lc	0.08 ic	0.00	***	0.00	Tark.	446		***	204	0.078
0.18	2	561.98	0.10 ic	0.10 lc	0.00	-	0.00		200	-344	466	Seed	0.099
0.18	3	582,00	0.13 (6	0.12 ic	0.00		0.00	***	***		522	444	0.118
0.28	300	552.10	0.29 id	D.28 ic	0.00		0.00	-	222	*	-	0.000	0.280
0.38	598	562 20	0.51 10	0.51 10	0.00	200	0.00		***	***	- 1	-	0.505
0.48	895	562.30	0.81 lo	0.75 ic	0.00		8.00	9**	222	20.5	922	220	0.778
0.58	1,193	562.40	1.13 ic	1.11 ic	0.00		0.00						1.105
	1,491	562.50	1.53 ic	1.45 ic	0.00	12.6	0.00			235	-		1.450
0.68	1,788	562.60	1.85 06	1.84 ic	0.00		0.00		***	Ulet	200	200	1.840
0.78	2.086	582.70	2.18.00	2.18 ic	0.00	211	0.00	F 10		223	- 11	333	2:177
0.88		562.80		2.54 ic	0.00		0.00		200	-		200	2.538
0.95	2,383		2.66 oc		0.00	37	0.00	1	Carlo C	5700		277	2.885
1 08	2,581	562 90	2.92 oc	2.89 ic		311							3.086
1.18	2,978	563.00	3.20 oc	3.09 ic	0.00		0.00	994	327			100	3 332
1.28	3,864	563.10	3.34 oc	3.33 lc	0.00	T	0.00	1	441	-			
1.38	4,750	563.20	3.63 00	3.50 ic	0.00	-	0.00	***	***	464	(644)		3.503
1.48	5,636	563.30	3.78 oc	3.72 ic	0.00		0,00	-	177	-	217	=	
1.58	6,522	563,40	3.93 oc	3 92 ic	0.00	(***)	0.00	***	***				3.924
1 68	7,408	563,50	4.09 oc	4 09 io	0.00		0.00	***	220	****		1011-0	4,087
1.78	8,294	563.60	4.40 00	4,25 ic	0.00	1	0.00	5-44	-	***	-		4,253
1.88	9,180	563.70	4.57 oc	4.43 ic	0.00	***	0.00	- 311	-	2500	5555	***	4.43
1.98	10,066	563.80	4.73 oc	4.60 ic	0.00		0.D0	***	-	222	lease.		4.602
2,08	10.952	563.90	4.90 oc	4.77 ic	0.00		0.00	-		***	() ()	225	4.76
2.18	11,838	564.00	5.07 oc	4.93 (0	0.00		0.00		(777)	227	1000	***	4.926
2.28	12.848	584.10	5.24 oc	5.08 10	0.00	140	0.00	440		-			5.079
2.38	13.858	564.20	5.59 oc	5.19 io	0.24 (0	660	0.00	1999		****	F77.7.	2220	5.42
2.48	14.966	564.30	6.12 oc	5.21 ic	0.91 (c	***	0.00	p++0	-	***			6.12
2.58	15,878	564.40	7.05 oc	5.22 lc	1.83 ic	make "	0.00	244	1000	IHI.	***	***	7.050

Continues on next page...

Friday, Sep 9, 2016

Revised Basin Stage / Storage / Discharge Table

Stage	Storage cuft	Elevation ft	Clv A	Clv B	Clv C	PrfRsr cfs	Wr A	Wr B	Wr C	Wr D	Extil cfs	User cfs	Total
		46	229	2121	20150								8.081
2.68	16.888	564.50	8.20 oc	5.15 ic	2.94 ic	***	0.00		- 100 m	(223)	3.7	7.5	
2.78	17,897	554.60	9:37 00	5.07 ·c	4.20 lc		0.00	-	-	222	a lab	110	9.270
2.88	18,907	564.70	10.73 oc	4.94 IC	5,61 10		0.00		***		***	100	10.55
2.98	19,917	564.80	12.06 oc	4.81 IC	7.15 ic	255	0.00	277	277	100	***		11,97
3.08	20,927	564,90	13.50 00	4.64 to	8.81 c	***	D.00	***	92		***		13.46
3.18	21,937	565.00	15,11 00	4 38 ic	10.59 ic	***	0.00	BB.		med .	222	700	14.98
3.25	23,077	585.10	18.56 oc	4.10 ic	12.47 lc	die.	0.00		444	244			16.56
3.38	24,218	565.20	18.08 oc	3.83 ic	14 44 ic	+++	0.00	***		***	335	Section 1	18.08
3.48	25,358	555 30	18.81 pc	3.21 10	15.80 ic	****	0.00	***	- 1.1	100		46.7	18.81
3.58	26,499	565.40	20.34 00	3 28 10	17.05 lc		0.00	44			400	***	20.33
3.68	27,639	565.50	21 82 00	3 49 10	18 13 lc	***	0.00	2220	355		1114	4 10 10	21.61
3.78	25,780	565.60	22.83 oc	3.68 10	19.14 16	***	0.00			+++	100	***	22.83
3.88	29,920	565,70	23.98 oc	3,87 ic	20,11 ic	***	0.00	***		707	7774		23.97
3.98	31,061	565.80	25.07 oc	4,04 id	21.03 ic	200	0.00	***	-			2000	25.07
4.08	32,201	565.90	26.12 oc	4.21 ic	21.91 ic	***	0.00	440	300		***		28.12
4.18	33,342	586.00	27 14 00	4.38 lc	22 76 ic	***	0.00		522	***			27.13
4.28	34,619	565.10	28.90 oc	4.48 IC	23.30 lc	120	1.12		***	****	75	ned:	28.89
4.38	35.897	588.20	31.68 pc	4.50 IC	23.41 ic		3 77		-		***	100	31.67
4.48	37,175	566.30	34.97 pc	4 46 lc	23.20 ic	100	7.31		311	***	-	***	34.97
	38,453	566 40	38 61 oc	4.36 ic	22.69 ic	****	11.55		. 777			100	38.61
4,58			42 48 oc	4.21	21.87 10		15.40	-	2277 2 411	773	***		42.48
4.88	39,730	566 50					21.79						45.49
4.78	41,008	566.60	46 49 00	3.86 lc	20.72 ic	27.7		75'	2010	****	33/2	-24	50.57
4.88	42,285	566,70	50.57 oc	3 70 lc	19.21 (0		27.68		5+4	***			53.93
4.98	43,584	566.80	53.93 oc	3.45 la	17.94 lc	3525	32.54 s			7-7	-	7.0	
5.08	44,841	566.90	56.74 00	3,25 ic	18.91 lc	had	36.58 €		-11				56.74
5 18	46,119	557.00	59.27 oc	3.07 ic	15.98 ic	4	40,215	0.2.9	200	144		•••	59,27

...End

lyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
ή .	SCS Runoff	23.39	3	720	63,383	-	*****	(2000)	Existing to NW (Mason Report)
2	SCS Runoff	38.95	3	717	97,431	V 2002	525222	STATE A	Proposed (Mason Report)
3	SC\$ Runoff	42.44	3	717	102,509	2 707 55	-	Trenta (Proposed to Revise Basin
4	Reservoir	22.00	3	723	102.615	3	565.57	28,001	Pr thru Rev Basin
44	-1230-HQ-S	cs.ng.ne	9-16 anw		Return	Period: 10	Year	Friday, Se	ep 9, 2016

Hydraflow Hydrographs by Intelisaive v9.2

Friday, Sep 9, 2016

Hyd. No. 1

Existing to NW (Mason Report)

Hydrograph type = SCS Runoff
Storm frequency = 10 yrs
Time interval = 3 min
Drainage area = 5.870 ac
Basin Slope = 2.7 %
To method = USER
Total precip. = 5.20 in
Storm duration = 24 hrs

Peak discharge = 23.39 cfs
Time to peak = 720 min
Hyd. volume = 97,684 cuft
Curve number = 79
Hydraulic length = 808 ft
Time of conc. (Tc) = 14.0 min
Distribution = Type II
Shape factor = 484

Hydrograph Discharge Table

(Printed values == 1.00% of Qp.)

(min cfs) (min cfs) (min cfs) 591 0.237 702 3.885 813 1.282 924 0.730 594 0.247 705 5.535 818 1.230 927 0.721 597 0.288 708 7.761 819 1.199 930 0.713 600 0.289 711 10.91 822 1.171 933 0.704 603 0.281 714 15.39 825 1.144 936 0.696 606 0.294 717 20.33 828 1.119 939 0.866 809 0.307 720 23.39 831 1.094 942 0.678 812 0.322 723 22.74 834 1.069 945 0.668 815 0.337 729 14.06 840 1.020 951 0.651 615 0.337 729 14.06 840 1.020 <th>Time</th> <th>Outflow</th> <th>Time</th> <th>Outflow</th> <th>Time</th> <th>Outflow</th> <th>Time</th> <th>Outflow</th>	Time	Outflow	Time	Outflow	Time	Outflow	Time	Outflow
594 0.247 705 5.535 816 1.230 927 0.721 597 0.258 708 7.761 819 1.199 930 0.713 600 0.289 711 10.91 822 1.171 933 0.704 603 0.281 714 15.39 825 1.144 936 0.895 606 0.294 717 20.33 828 1.119 939 0.866 609 0.307 720 23.39 < 831 1.094 942 0.678 612 0.322 723 22.74 834 1.069 945 0.669 615 0.337 726 18.84 837 1.045 948 0.669 618 0.353 729 14.06 840 0.974 957 0.633 627 0.406 738 4.501 849 0.955 960 0.625 624 0.388 735 6.453<	(min	cfs)	(min	cfs)	(min	cfs)	(min	cfs)
594 0.247 705 5.535 816 1.230 927 0.721 597 0.288 708 7.761 819 1.199 930 0.713 600 0.289 711 10.91 822 1.171 933 0.704 603 0.281 714 15.39 825 1.144 936 0.895 606 0.294 717 20.33 828 1.119 939 0.866 609 0.307 720 23.39 <<	591	0.237	702	3.885	813	1.262	924	0.730
597 0.288 708 7.761 819 1.199 930 0.713 600 0.289 711 10.91 822 1.171 933 0.704 603 0.281 714 15.39 825 1.144 936 0.695 606 0.294 717 20.33 828 1.119 939 0.686 609 0.307 720 23.39 <						1.230	927	0.721
600 0.269 711 10.91 822 1.171 933 0.704 603 0.281 714 15.39 825 1.114 936 0.895 606 0.294 717 20 23.39 <					819	1.199	930	0.713
603 0.281 714 15.39 825 1.144 936 0.685 606 0.294 717 20.33 828 1.119 939 0.686 609 0.307 720 23.39 831 1.094 942 0.678 612 0.322 723 22.74 834 1.069 945 0.668 615 0.337 728 18.84 837 1.045 948 0.669 618 0.353 729 14.06 840 1.020 951 0.561 621 0.370 732 9.792 843 0.996 954 0.642 624 0.388 735 6.453 846 0.974 957 0.633 627 0.406 738 4.501 849 0.955 960 0.625 630 0.425 741 3.806 852 0.941 963 0.616 633 0.435 744 3.541 <td></td> <td></td> <td>711</td> <td>10.91</td> <td>822</td> <td>1.171</td> <td></td> <td></td>			711	10.91	822	1.171		
606 0.294 717 20.33 828 1.119 939 0.866 609 0.307 720 23.39 <			714	15.39	825	1.144		
809 0.307 720 23.39 <					828	1.119	939	
812 0.322 723 22.74 834 1.069 945 0.669 615 0.337 728 18.84 837 1.045 948 0.660 618 0.353 729 14.06 840 1.020 951 0.551 621 0.370 732 9.792 843 0.996 954 0.642 624 0.388 735 6.453 846 0.974 957 0.633 627 0.406 738 4.501 849 0.955 960 0.625 630 0.425 741 3.806 852 0.941 963 0.616 633 0.445 744 3.541 855 0.929 966 0.608 636 0.466 747 3.275 858 0.919 969 0.601 639 0.489 750 3.006 861 0.910 972 0.598 642 0.515 753 2.744 <td></td> <td></td> <td></td> <td>23.39 <<</td> <td>831</td> <td>1.094</td> <td>942</td> <td></td>				23.39 <<	831	1.094	942	
615				22.74	834	1.069		
618 0.353 729 14,06 840 1.020 951 0.651 621 0.370 732 9.792 843 0.996 954 0.642 624 0.388 735 6.453 846 0.974 957 0.633 627 0.406 738 4.501 849 0.955 960 0.625 630 0.425 741 3.806 852 0.941 963 0.616 633 0.445 744 3.541 855 0.929 966 0.608 636 0.466 747 3.275 858 0.919 969 0.601 639 0.489 750 3.006 861 0.910 972 0.596 642 0.515 753 2.744 864 0.901 975 0.592 645 0.543 756 2.507 887 0.893 978 0.586 648 0.573 759 2.314 <td></td> <td></td> <td></td> <td>18.84</td> <td>837</td> <td>1.045</td> <td></td> <td></td>				18.84	837	1.045		
621 0.370 732 9.792 843 0.996 964 0.642 624 0.388 735 6.453 846 0.974 957 0.633 627 0.406 738 4.501 849 0.955 960 0.625 630 0.425 741 3.806 852 0.941 963 0.616 633 0.445 744 3.541 855 0.929 966 0.608 638 0.466 747 3.275 858 0.919 969 0.601 639 0.489 750 3.006 861 0.910 972 0.596 642 0.515 753 2.744 864 0.901 975 0.592 645 0.543 756 2.507 87 0.893 978 0.588 648 0.573 759 2.314 870 0.884 981 0.585 651 0.604 752 2.168 <td></td> <td></td> <td></td> <td>14.06</td> <td>840</td> <td>1.020</td> <td>951</td> <td></td>				14.06	840	1.020	951	
624 0.388 735 6.453 846 0.974 957 0.633 627 0.406 738 4.501 849 0.955 960 0.625 630 0.425 741 3.806 852 0.941 963 0.616 633 0.445 744 3.541 855 0.929 966 0.608 636 0.466 747 3.275 858 0.919 969 0.601 639 0.489 750 3.008 861 0.910 972 0.596 642 0.515 753 2.744 864 0.901 975 0.592 645 0.543 756 2.507 87 0.893 978 0.588 648 0.573 759 2.314 870 0.884 981 0.582 651 0.604 762 2.168 873 0.876 984 0.582 654 0.636 765 2.059 <td></td> <td></td> <td></td> <td>9.792</td> <td>843</td> <td>0.996</td> <td>954</td> <td></td>				9.792	843	0.996	954	
627 0.406 738 4.501 849 0.955 960 0.625 630 0.425 741 3.806 852 0.941 963 0.616 633 0.445 744 3.541 855 0.929 966 0.608 636 0.466 747 3.275 858 0.919 969 0.601 639 0.489 750 3.006 861 0.910 972 0.596 642 0.515 753 2.744 864 0.901 975 0.592 645 0.543 756 2.507 887 0.893 978 0.588 648 0.573 759 2.314 870 0.884 981 0.585 651 0.604 762 2.168 873 0.876 984 0.582 654 0.636 785 2.059 876 0.868 987 0.579 657 0.670 768 1.976 <td></td> <td></td> <td></td> <td>6.453</td> <td>846</td> <td>0.974</td> <td>957</td> <td>0.633</td>				6.453	846	0.974	957	0.633
630 0.425 741 3.806 852 0.941 963 0.616 633 0.445 744 3.541 855 0.929 966 0.608 636 0.466 747 3.275 858 0.919 969 0.601 639 0.489 750 3.006 861 0.910 972 0.596 642 0.515 753 2.744 864 0.901 975 0.592 645 0.543 756 2.507 887 0.893 978 0.588 648 0.573 759 2.314 870 0.884 981 0.585 651 0.604 762 2.168 873 0.876 984 0.582 654 0.636 785 2.059 876 0.888 987 0.579 657 0.670 768 1.976 879 0.859 990 0.576 660 0.734 771 1.910 <td></td> <td></td> <td></td> <td></td> <td>849</td> <td>0.955</td> <td>960</td> <td>0.625</td>					849	0.955	960	0.625
633 0.445 744 3.541 855 0.929 966 0.608 636 0.466 747 3.275 858 0.919 969 0.601 639 0.489 750 3.006 861 0.910 972 0.596 642 0.515 753 2.744 864 0.901 975 0.592 645 0.543 756 2.507 887 0.893 978 0.588 648 0.573 759 2.314 870 0.884 981 0.585 651 0.604 762 2.168 873 0.876 984 0.582 654 0.636 785 2.059 876 0.868 987 0.579 657 0.670 768 1.976 879 0.859 990 0.576 680 0.705 771 1.910 882 0.851 993 0.573 663 0.742 774 1.848 <td></td> <td></td> <td></td> <td>3.806</td> <td>852</td> <td>0.941</td> <td>963</td> <td>0.616</td>				3.806	852	0.941	963	0.616
636 0.466 747 3.275 858 0.919 969 0.601 639 0.489 750 3.006 661 0.910 972 0.596 642 0.515 753 2.744 864 0.901 975 0.592 645 0.543 756 2.507 867 0.893 978 0.588 648 0.573 759 2.314 870 0.884 981 0.585 651 0.604 762 2.168 873 0.876 984 0.582 654 0.636 785 2.059 876 0.868 987 0.579 657 0.670 768 1.976 879 0.859 990 0.573 663 0.742 774 1.848 885 0.842 996 0.570 666 0.784 777 1.786 888 0.834 999 0.566 669 0.834 780 1.724 <td></td> <td></td> <td>744</td> <td></td> <td></td> <td>0.929</td> <td>966</td> <td>0.608</td>			744			0.929	966	0.608
639 0.489 750 3.006 861 0.910 972 0.596 642 0.515 753 2.744 864 0.901 975 0.592 645 0.543 756 2.507 887 0.893 978 0.588 648 0.573 759 2.314 870 0.884 981 0.585 651 0.604 762 2.168 873 0.876 984 0.582 654 0.636 785 2.059 876 0.868 987 0.579 657 0.670 768 1.976 879 0.859 990 0.576 660 0.705 771 1.910 882 0.851 993 0.573 663 0.742 774 1.848 885 0.842 996 0.570 666 0.784 777 1.786 888 0.834 999 0.566 669 0.834 780 1.724 <td></td> <td></td> <td></td> <td></td> <td>858</td> <td>0.919</td> <td>969</td> <td>0.601</td>					858	0.919	969	0.601
642 0.515 753 2.744 864 0.901 975 0.592 645 0.543 756 2.507 887 0.893 978 0.588 648 0.573 759 2.314 870 0.884 981 0.585 651 0.604 762 2.168 873 0.876 984 0.582 654 0.636 765 2.059 876 0.868 987 0.579 657 0.670 768 1.976 879 0.859 990 0.576 680 0.705 771 1.910 862 0.851 993 0.573 663 0.742 774 1.848 865 0.842 996 0.570 666 0.784 777 1.786 888 0.834 999 0.568 672 0.894 783 1.663 894 0.816 1005 0.550 675 0.961 786 1.605 </td <td></td> <td></td> <td></td> <td>3.006</td> <td>861</td> <td>0.910</td> <td>972</td> <td>0.595</td>				3.006	861	0.910	972	0.595
645 0.543 756 2.507 887 0.893 978 0.588 648 0.573 759 2.314 870 0.884 981 0.585 651 0.604 752 2.168 873 0.876 984 0.582 654 0.636 765 2.059 876 0.868 987 0.579 657 0.670 768 1.976 879 0.859 990 0.576 680 0.705 771 1.910 882 0.851 993 0.573 663 0.742 774 1.848 885 0.842 996 0.570 666 0.784 777 1.786 888 0.834 999 0.568 672 0.894 783 1.663 894 0.816 1005 0.560 675 0.961 786 1.605 897 0.808 1008 0.557 678 1.035 789 1.553<						0.901	975	0,592
648 0.573 759 2.314 870 0.884 981 0.585 651 0.604 762 2.168 873 0.876 984 0.582 654 0.636 785 2.059 876 0.868 987 0.579 657 0.670 768 1.976 879 0.859 990 0.576 680 0.705 771 1.910 882 0.851 993 0.573 663 0.742 774 1.848 885 0.842 996 0.570 666 0.784 777 1.786 888 0.834 999 0.568 669 0.834 780 1.724 891 0.825 1002 0.563 872 0.894 783 1.663 894 0.816 1005 0.557 678 1.035 789 1.553 900 0.799 1011 0.554 681 1.115 792 1.508				2,507	887	0.893	978	
651 0.604 762 2.168 873 0.876 984 0.582 654 0.636 785 2.059 876 0.868 987 0.579 657 0.670 768 1.976 879 0.859 990 0.576 680 0.705 771 1.910 862 0.851 993 0.573 663 0.742 774 1.848 885 0.842 996 0.570 666 0.784 777 1.786 888 0.834 999 0.566 669 0.834 780 1.724 891 0.825 1002 0.563 672 0.894 783 1.663 894 0.816 1005 0.560 675 0.961 786 1.605 897 0.808 1008 0.557 678 1.035 789 1.553 900 0.799 1011 0.554 681 1.115 792 1.50			759	2.314	870	0.884	981	
654 0.636 785 2.059 876 0.868 987 0.579 657 0.670 768 1.976 879 0.859 990 0.576 680 0.705 771 1.910 862 0.851 993 0.573 663 0.742 774 1.848 885 0.842 996 0.570 666 0.784 777 1.786 888 0.834 999 0.566 669 0.834 780 1.724 891 0.825 1002 0.563 672 0.894 783 1.663 894 0.816 1005 0.560 675 0.961 786 1.605 897 0.808 1008 0.557 678 1.035 789 1.553 900 0.799 1011 0.554 681 1.115 792 1.508 903 0.791 1014 0.551 684 1.198 795 1.4				2.168	873	0.876	984	
657 0,670 768 1,976 879 0,859 990 0,576 660 0,705 771 1,910 882 0,851 993 0,573 663 0,742 774 1,848 885 0,842 996 0,570 666 0,784 777 1,786 888 0,834 999 0,566 669 0,834 780 1,724 891 0,825 1002 0,563 672 0,894 783 1,663 894 0,816 1005 0,560 675 0,961 786 1,605 897 0,808 1008 0,557 678 1,035 789 1,553 900 0,799 1011 0,554 681 1,115 792 1,508 903 0,791 1014 0,551 684 1,198 795 1,468 906 0,782 1017 0,548 690 1,375 801 1,		0.636	785	2.059	876	0.868	987	0.579
660 0.705 771 1.910 882 0.851 993 0.573 663 0.742 774 1.848 885 0.842 996 0.570 666 0.784 777 1.786 888 0.834 999 0.568 669 0.834 780 1.724 891 0.825 1002 0.563 672 0.894 783 1.663 894 0.816 1005 0.560 675 0.961 786 1.605 897 0.808 1008 0.557 678 1.035 789 1.553 900 0.799 1011 0.554 681 1.115 792 1.508 903 0.791 1014 0.551 684 1.198 795 1.468 906 0.782 1017 0.548 687 1.285 798 1.432 909 0.773 1020 0.545 693 1.537 604 1			768	1.976	879	0.859	990	0.576
663 0.742 774 1.848 885 0.842 996 0.570 666 0.784 777 1.786 888 0.834 999 0.568 669 0.834 780 1.724 891 0.825 1002 0.563 672 0.894 783 1.663 894 0.816 1005 0.560 675 0.961 786 1.605 897 0.808 1008 0.557 678 1.035 789 1.553 900 0.799 1011 0.554 681 1.115 792 1.508 903 0.791 1014 0.551 684 1.198 795 1.468 906 0.782 1017 0.548 687 1.285 798 1.432 909 0.773 1020 0.545 690 1.375 801 1.364 915 0.756 1023 0.542 693 1.514 807			771	1.910	882	0.851	993	0.573
666 0.784 777 1.786 888 0.834 999 0.566 669 0.834 780 1.724 891 0.825 1002 0.563 672 0.894 783 1.663 894 0.816 1005 0.560 675 0.961 786 1.605 897 0.808 1008 0.557 678 1.035 789 1.553 900 0.799 1011 0.554 681 1.115 792 1.508 903 0.791 1014 0.551 684 1.198 795 1.468 906 0.782 1017 0.548 687 1.285 798 1.432 909 0.773 1020 0.545 690 1.375 801 1.397 912 0.765 1023 0.542 693 1.537 604 1.364 915 0.747 1029 0.535 696 1.914 807 <td< td=""><td></td><td></td><td>774</td><td>1.848</td><td>885</td><td>0.842</td><td>996</td><td></td></td<>			774	1.848	885	0.842	996	
672 0.894 783 1.663 894 0.816 1005 0.560 675 0.961 786 1.605 897 0.808 1008 0.557 678 1.035 789 1.553 900 0.799 1011 0.554 681 1.115 792 1.508 903 0.791 1014 0.551 684 1.198 795 1.468 906 0.782 1017 0.548 687 1.285 798 1.432 909 0.773 1020 0.545 690 1.375 801 1.397 912 0.765 1023 0.542 693 1.537 604 1.364 915 0.756 1026 0.539 696 1.914 807 1.330 918 0.747 1029 0.535		0.784	777	1.786	888			
672 0.894 783 1.663 894 0.816 1005 0.560 675 0.961 786 1.605 897 0.808 1008 0.557 678 1.035 789 1.553 900 0.799 1011 0.554 681 1.115 792 1.508 903 0.791 1014 0.551 684 1.198 795 1.468 906 0.782 1017 0.548 687 1.285 798 1.432 909 0.773 1020 0.545 690 1.375 801 1.397 912 0.765 1023 0.542 693 1.537 604 1.364 915 0.756 1026 0.539 696 1.914 807 1.330 918 0.747 1029 0.535	669	0.834	780	1.724				
678 1,035 789 1,553 900 0.799 1011 0.554 681 1,115 792 1,508 903 0.791 1014 0.551 684 1,198 795 1,468 906 0.782 1017 0.548 687 1,285 798 1,432 909 0.773 1020 0.545 690 1,375 801 1,397 912 0.765 1023 0.542 693 1,537 804 1,364 915 0.756 1026 0.539 696 1,914 807 1,330 918 0.747 1029 0.535		0.894	783	1.663	894	0.816	1005	
681 1.115 792 1.508 903 0.791 1014 0.551 684 1.198 795 1.468 906 0.782 1017 0.548 687 1.285 798 1.432 909 0.773 1020 0.545 690 1.375 801 1.397 912 0.765 1023 0.542 693 1.537 804 1.364 915 0.756 1026 0.539 696 1.914 807 1.330 918 0.747 1029 0.535	675	0.961	786	1.605	897			
684 1.198 795 1.488 906 0.782 1017 0.548 687 1.285 798 1.432 909 0.773 1020 0.545 690 1.375 801 1.397 912 0.765 1023 0.542 693 1.537 804 1.364 915 0.756 1025 0.539 696 1.914 807 1.330 918 0.747 1029 0.535	678	1.035	789	1.553				
687 1,285 798 1,432 909 0,773 1020 0,545 690 1,375 801 1,397 912 0,765 1023 0,542 693 1,537 804 1,364 915 0,756 1025 0,539 696 1,914 807 1,330 918 0,747 1029 0,535	681	1.115	792	1.508				
690 1.375 801 1.397 912 0.765 1023 0.542 693 1.537 804 1.364 915 0.756 1025 0.539 696 1.914 807 1.330 918 0.747 1029 0.535	684	1,198	795	1.468	906	0.782		
693 1.537 604 1.364 915 0.756 1026 0.539 696 1.914 807 1.330 918 0.747 1029 0.535	687	1,285	798	1.432	909	0.773		
693 1.537 604 1.364 915 0.756 1026 0.539 696 1.914 807 1.330 918 0.747 1029 0.535			801	1.397	912	0.765		
696 1,914 807 1,330 918 0,747 1029 0,535			804	1.364	915	0.756		
			810	1.296	921	0.739	1032	0.532

Time	Outflow	Time	Outflow	Time	Outflow
(min	cfs)	(min	cfs)	(min	cfs)
1035	0.529	1197	0.357	1359	0.313
	0.528	1200	0.354	1362	0.312
1038		1203	0.351	1365	0.312
1041	0.523		0.348	1368	0.311
1044	0.520	1206	0.346	1371	0.310
1047	0.517	1209	0.344	1374	0.310
1050	0.514	1212			0.309
1053	0.511	1215	0.343	1377 1380	0.309
1056	0:507	1218	0.342	1383	0.308
1059	0.504	1221	0.341	1388	0.307
1062	0.501	1224	0.341	1389	0.307
1065	0.498	1227	0.340	1392	0.306
1068	0.495	1230	0.340 0.339	1395	0.305
1071	0.492	1233	0.339	1398	0.305
1074	0.488	1236		1401	0.304
1077	0.485	1239	0.338	1404	0.304
1080	0.482	1242	0.337	1407	0.303
1083	0.479	1245 1248	0.336	1410	0.303
1086 1089	0.476	1251	0.335	1413	0.302
		1254	0.335	1418	0.301
1092	0.470	1257	0.334	1419	0.300
1095	0.466	1260	0.333	1422	0.300
1098	0,463 0.460	1263	0.333	1425	0.299
1101 1104	0.457	1266	0.332	1428	0.299
1107	0.454	1269	0.332	1431	0.298
1110	0.450	1272	0.331	1434	0.297
1113	0.447	1275	0.330	1437	0.297
1116	0.444	1278	0.330	1440	0.296
1119	0.441	1281	0.329	1443	0.271
1122	0.438	1284	0.328	F-70.73-50	O (see)
1125	0.434	1287	0.328	End	
1128	0.431	1290	0.327	3451 Tal. (N. 16)	
1131	0.428	1293	0.327		
1134	0.425	1296	0.326		
1137	0.422	1299	0.325		
1140	0.418	1302	0.325		
1143	0.415	1305	0.324		
1146	0.412	1308	0.324		
1149	0.409	1311	0.323		
1152	0.406	1314	0.322		
1155	0.402	1317	0.322		
1158	0.399	1320	0.321		
1161	0.396	1323	0.320		
1164	0.393	1326	0.320		
1167	0.390	1329	0.319		
1170	0.386	1332	0.319		
1173	0.383	1335	0.318		
1176	0.380	1338	0.317		
1179	0.377	1341	0.317		
1182	0.373	1344	0.316		
1185	0.370	1347	0.315		
1188	0.367	1350	0.315		
1191	0.364	1353	0.314		
1194	0.360	1356	0.314		

Hydraflow Hydrographs by Intelisoive v9.2

Friday Sep 9, 2016

Hyd. No. 2

Proposed (Mason Report)

= SCS Runoff Hydrograph type Storm frequency = 10 yrs Time interval = 3 min Drainage area = 6.200 ac Basin Slope = 2.7 % Tc method = USER Total precip. = 5.20 in = 24 hrs Storm duration

Peak discharge = 38.96 cfs
Time to peak = 717 min
Hyd. volume = 135,157 cuft
Curve number = 95
Hydraulic length = 808 ft

Distribution = Type II Shape factor = 484

Time of conc. (Tc) = 6.0 min

Hydrograph Discharge Table

(Printed vectors == 1.00% of Qp.)

Time	Outflow	Time	Outflow	Time	Outflow	Time	Outflow
(min	cfs)	(min	cfs)	(min	cfs)	(min	cfs)
408	0.392	519	0.654	630	1,320	741	4.259
411	0.396	522	0.668	633	1.357	744	3.919
414	0.401	525	0.683	636	1.402	747	3.578
417	0.405	528	0.697	639	1.453	750	3.237
420	0.409	531	0.712	642	1.509	753	2.922
423	0.413	534	0.728	645	1.567	756	2.686
426	0.417	537	0.741	648	1.625	759	2.538
429	0.422	540	0.756	651	1.683	762	2.442
432	0.426	543	0.769	654	1.742	765	2.365
435	0.430	546	0.779	657	1.801	768	2.287
438	0.434	549	0.785	660	1.860	771	2.209
441	0.439	552	0.789	663	1.927	774	2.131
444	0.443	555	0.791	666	2,018	777	2.054
447	0.447	558	0.794	669	2.134	780	1.976
450	0.451	561	0.796	672	2.267	783	1.901
453	0,455	564	0.799	675	2,406	786	1.838
456	0.460	587	0.801	678	2,545	789	1.786
459	0.464	570	0.803	681	2,686	792	1.742
462	0.468	573	0.808	884	2.827	795	1.700
465	0.472	576	0.818	687	2.969	798	1.658
468	0.476	579	0.835	690	3,111	801	1.616
471	0.480	582	0.856	693	3.576	804	1.574
474	0.485	585	0.879	696	5.009	807	1.532
477	0.489	588	0.902	699	7.531	810	1,490
480	0.493	591	0.925	702	10.73	813	1.450
483	0.498	594	0.948	705	14.20	816	1,412
486	0.506	597	0.971	708	18.34	819	1,379
489	0.517	600	0.994	711	24.39	822	1,349
492	0.529	603	1.019	714	32 61	825	1,319
495	0,543	606	1.046	717	38.96 <<	828	1.289
498	0.556	609	1.078	720	36.11	831	1.259
501	0.570	612	1.111	723	24.67	834	1.229
504	0.584	615	1.145	726	13,32	837	1.198
507	0.598	618	1.180	729	7.106	840	1,168
510	0.612	621	1,215	732	5.288	843	1.140
513	0.626	624	1.250	735	4.939	846	1,118
516	0.640	627	1 285	738	4,599	649	1,102

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Time	Outflow	Time	Outflow	Time	Outflow
(min	cfs)	(min	cfs)	(min	cfs)
	555 % %	220		2/5//	
852	1.091	1014	0.633	1176	0.429
855	1.080	1017	0.629	1179	0.426
858	1.070	1020	0.625	1182	0.422
861	1.059	1023	0.621	1185	0.418
864	1.049	1026	0.618	1188	0.414
867	1.038	1029	0.614	1191	0.411
870	1.028	1032	0.610	1194	0.407
873	1.017	1035	0.606	1197	0.403
876	1.007	1038	0.603	1200	0.399
679	0.998	1041	0.599	1203	0.396
882	0.986	1044	0.595	1206	0.393
885	0.975	1047	0.591	1209	0.392
888	0.965	1050	0.587	1212	0.391
881	0.954	1053	0.584	1215	0.390
894	0.944	1056	0.580	12.12	0.044
897	0.933	1059	0.576	End	
900	0.923	1062	0.572	11.000.00	
903	0.912	1065	0.569		
906	0.902	1068	0.565		
909	0.891	1071	0.561		
912	0.881	1074	0.557		
915	0.870	1077	0.554		
918	0.860	1080	0.550		
921	0.849	1083	0.545		
924	0.839	1086	0.542		
927	0.828	1089	0.539		
930	0.818	1092	0.535		
933	0.807	1095	0.531		
936	0.797	1098	0.527		
939	0.788	1101	0.524		
942	0.776	1104	0.520		
945	0.765	1107	0.516		
948	0.755	1110	0.512		
951	0.744	1113	0.508		
954	0.734	1116	0.505		
957	0.723	1119	0.501		
960	0.713	1122	0.497		
963	0.703	1125	0.493		
966	0.695	1128	0.490		
969	0.689	1131	0.486		
972	0.685	1134	0.482		
975	0.681	1137	0.478		
978	0.678	1140	0.475		
981	0.674	1143	0.471		
984	0.670	1146	0.467		
987	0.666	1149	0.483		
990	0.663	1152	0.460		
993	0.659	1155	0.456		
996	0.655	1158	0.452		
999	0.651	1161	0.448		
1002	0.648	1164	0.445		
1005	0.544	1167	0.441		
1008	0.640	1170	0.437		
1011	0.636	1173	0.433		
		10.100			

Hydraflow Hydrographs by Intelisoive v9.2

Friday, Sep 9, 2016

Hyd. No. 3

Proposed to Revise Basin

= SCS Runoff Hydrograph type Storm frequency = 10 yrs Time interval = 3 min = 7.030 ac Drainage area Basin Slope = 2.7 % Tc method = USER Total precip. = 5.20 inStorm duration = 24 hrs

Peak discharge = 42.44 cfs
Time to peak = 717 min
Hyd, volume = 144,854 cuft

Curve number = 92*

Hydraulic length = 808 ft

Time of conc. (Tc) = 6.0 min

Distribution = Type II

Shape factor = 484

Hydrograph Discharge Table

(Printed values >= 1 00% of Op.)

Time	Outflow	Time	Outflow	Time	Outflow	Time	Outflow
(min	cfs)	(min	cfs)	(min	cfs)	(min	cfs)
100	0.427	594	0.899	705	14.98	816	1.571
483		597	0.923	708	19.47	819	1.534
486	0.435			711	26.13	822	1.500
489	0.446	600	0.947	714	35.25	825	1,467
492	0.458	603	0.973		42.44 <<	828	1.434
495	0.471	606	1.001	717	39.54	831	1.400
498	0.484	609	1.034	720 723	27.11	834	1.367
501	0.498	612	1.068		and the second second		1.334
504	0.511	615	1.104	726	14.68	837	1.300
507	0.525	618	1.140	729	7.849	840	
510	0.539	621	1.176	732	5.847	843	1.269
513	0.553	624	1.213	735	5.464	846	1.245
516	0.567	627	1.250	738	5.091	849	1,227
519	0.581	630	1.287	741	4.716	852	1.214
522	0.596	633	1.327	744	4.341	855	1.203
525	0.610	636	1.374	747	3.964	858	1.191
528	0.625	639	1.427	750	3.587	861	1,179
531	0.540	542	1.486	753	3.239	864	1,168
534	0.655	645	1.547	756	2.978	867	1,156
537	0.670	648	1.608	759	2.815	870	1.145
540	0.685	651	1.670	762	2.710	873	1.133
543	0.700	654	1.732	765	2.824	876	1.121
546	0.711	657	1.795	768	2,538	879	1.110
549	0.718	660	1.859	771	2,452	882	1,098
552	0.723	663	1.931	774	2.366	885	1.087
555	0.727	666	2.026	777	2.280	888	1.075
558	0.732	669	2.149	780	2.194	891	1.063
561	0.736	672	2.288	783	2.112	894	1.052
564	0.740	675	2.435	786	2.042	897	1.040
567	0.744	678	2.583	789	1.985	900	1.028
570	0.748	681	2.733	792	1.936	903	1.017
573	0.753	684	2.884	795	1.889	906	1.005
578	0.765	687	3.037	798	1.843	909	0.993
579	0.783	690	3,192	801	1.797	912	0.982
582	0.804	693	3.681	804	1,750	915	0.970
585	0.828	696	5.178	807	1.704	918	0.958
588	0.851	699	7.826	810	1,657	921	0.947
591	0.875	702	11,22	813	1.612	924	0.935
(M) M) ((W.O.). W.	1,9.5	. 17 . 1. 1. 1 1. 1. 1.	- Maria (M.)	(1000 te:	33 90,000 /5	(2000,000,000

[&]quot;Composite (Area/CN) = [(1.210 x 74) + (1.430 x 89) + (4.390 x 98)] / 7 030

Time -	Outflow	Time	Outflow	Time	Outflow
(min	cfs)	(min	cfs)	(min	cfs)
927	0.923	1089	0,602	1251	0.426
930	0.912	1092	0.597	1254	0.425
933	0.900	1095	0.593		
936	0.888	1098	0.589	End	
939	0.877	1101	0.585		
942	0.865	1104	0.581		
945	0.853	1107	0.576		
948	0.841	1110	0.572		
951	0.830	1113	0.568		
954	0.818	1116	0.564		
957	0.806	1119	0.560		
960	0.795	1122	0.555		
963	0.784	1125	0.551		
966	0.775	1128	0.547		
969	0.769	1131	0.543		
972	0.764	1134	0.539		
975	0.760	1137	0.534		
978	0.756	1140	0.530		
981	0.752	1143	0.528		
984	0.748	1146	0.522		
987	0.743	1149	0.518		
990	0.739	1152	0.513		
993	0.735	1155	0.509		
996	0.731	1158	0.505		
999	0.727	1161	0.501		
1002	0.723 0.718	1164 1167	0.497		
1008	0.714	1170	0.488		
1011	0.710	1173	0.484		
1014	0.706	1176	0.480		
1017	0.702	1179	0.476		
1020	0.698	1182	0.472		
1023	0.693	1185	0.467		
1026	0.689	1188	0,463		
1029	0.685	1191	0.459		
1032	0.681	1194	0.455		
1035	0.677	1197	0.451		
1038	0,673	1200	0.446		
1041	0.668	1203	0.442		
1044	0.664	1206	0.440		
1047	0.660	1209	0.438		
1050	0,656	1212	0.437		
1053	0.652	1215	0.436		
1056	0.648	1218	0.435		
1059	0.643	1221	0.434		
1062	0.639	1224	0.433		
1065	0.635	1227	0.433		
1068	0.631	1230	0.432		
1071	0.627	1233	0.431		
1074	0.622	1236 1239	0.430		
1077	0.618 0.614	1239	0.429		
1080 1083	0.610	1245	0.428		
1086	0.606	1248	0.427		
) GOO	0.000	1,000,000	() () () () () () () ()		

Hydraflow Hydrographs by Intelisoive v9.2

Friday, Sep 9, 2016

Hyd. No. 4

Pr thru Rev Basin

Hydrograph type Storm frequency Time interval

Inflow hyd. No.

= Reservoir = 10 yrs = 3 min

= 3 - Proposed to Revise Basin = 565 57 ft

Max. Elevation = 565.57 ft

Peak discharge Time to peak Hyd. volume

= 22.00 cfs = 723 min = 144,860 cuft

Reservoir name = Revised Basin Max. Storage = 28,001 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Frinted values == 1.00% of Qp.)

Time	Inflow	Elevation	CIV A	CIV B	CIV C	PfRsr	Wr A	Wr B	Wr C	Wr D	Exfil	Outflow
(min)	cfs	ft	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs
381	0.265	562.06	0.232	0.221			*****	70000	(3,3503)	COCCE	(23012)	0.221
384	0.270	562.07	0.237	0.225		onenne.		27077	1077757		*****	0.225
387	0.274	562.07	0.241	0.230	V 207225	77757	75555		*****			0.230
390	0.279	562.07	0.245	0.234	TETET.				122112			0.234
393	0.284	562.07	0.250	0.238	-			Jun 10		1.000		0.238
396	0.288	562.08	0.254	0.243	440	100		*****	2011		1000	0.243
399	0.293	562.08	0.258	0.247		*****	Anthropic of	*****	-2000	-	2000	0.247
402	0.298	562.08	0.263	0.252		-	2000		****		*****	0.252
405	0.302	562.09	0.267	0.256	100000		Tallah/Sillah/Sillah	****	****	-1-44	3	0.256
408	0.307	582.09	0.271	0.261	*****	200	The state of	2000	4444) *)*** 1	0.261
411	0.312	562.09	0.276	0.265	-	****	0		-	(******)	****	0.265
414	0.316	562.09	0.280	0.270		- 	C elebrati	*****				0.270
417	0.321	562.10	0.285	0.274	2222	****		*****		*****	****	0.274
420	0.326	562.10	0.289	0.279		-ree-	****		CHARLES.	*****	- 	0.279
423	0.331	562.10	0.295	0.285	****			-	14.00 A 14.00		(BHT 12.	0.285
426	0.335	582.10	0.301	0.291				*****		*****		0.291
429	0.340	562.11	0.306	0.297		*****		*****			-	0.297
432	0.345	562.11	0.312	0.303					SECOND.		-	0.303
435	0.349	562.11	0.317	0.308	****			ALC: A				0.308
438	0.354	562.11	0.323	0.314		-2707				*****	-	0.314
441	0.359	562.12	0.328	0.319	77777				*****		Carrie	0.319
444	0.364	562.12	0.333	0.325			9			The same of	1,000	0.325
447	0.369	562.12	0.338	0.330	200	100		15000				0.330
450	0.373	562.12	0.343	0.335	The state of	24.00		G.ME	*****		1122205	0.335
453	0.378	562.13	0.348	0.340	2000			*****				0.340
456	0.383	582.13	0.353	0.345	Profes	2071	7.8317	*****		2002	-0.00	0.345
459	0.388	562.13	0.357	0.351	****		99300	*****	Online			0.351
462	0.392	562.13	0.362	0.356		20002	14,010,0				***	0.356
465	0.397	562.14	0.367	0.361	1423400						-	0.361
468	0.402	562.14	0.372	0.366		Emma		Take bal	24044	****		0.366
471	0.407	562.14	0.377	0.371	27224	3/415	****		*****	5 -121-5	-	0.371
474	0.412	562.14	0.381	0.376		*****		****	-	-		0.375
477	0.417	562.14	0.386	0.380) (1886-18)	0.000	*****		****	1 -2112- 1	****	0.380
480	0.421	562.15	0.391	0.385) -	- 		2000		Santari Santari		0.385
483	0.427	562,15	0.395	0.390		CHEMINA.					500000 500000	0.390
486	0.435	562.15	0.400	0.395) (22222)	Carres	45555	988888	25000	(20002)	22022	0.395
489	0.446	562.15	0.406	0.401			54550 M	840000			*****	0.401
	0.446		0.412	0.408	37775			******		(3000)		0.408
492		562.16	0.412	0.408	******	No.		******	W.W.A.	N. T. C.		0.415
495	0.471	562.16 562.16	0.419	0.413	====	1	#504 0	Name of	777.52		200	0.423
498	0.484		0.427	0.423	Name (STATE OF	100000			7000		0.432
501	0.498	562,17	0.435	0.434	2000	41111	*****					0.402

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Time (min)	Inflow cfs	Elevation ft	CIV A	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
504	0.511	562.17	0.444	0.441	*****		****		*****	HOUSE.	ariane.	0.441
507	0.525	562.18	0.453	0.451			****			****	****	0.451
510	0.539	562.18	0.463	0.461	****	****		****		53555		0.461
513	0.553	562.19	0.473	0.472	40000			*****		****	*****	0.472
516	0.567	562.19	0.484	0.483	(1000000)		3000			****	******	0.483
519	0.581	562.20	0.495	0.495		34444	-	*****		*****		0.495
522	0.596	562.20	0.507	0.507	*****	10000		*****	*****	****		0.507
525	0.610	562.21	0.523	0.521	****	****	*****	****		*****		0.521
528	0.625	562.21	0.539	0.536	*****	55555	*****	*****		55555	*****	0.536
531	0.640	562.22	0.555	0.550	*****		32772			*****		0.550
534	0.655	562.22	0.572	0 565	*****		*****				*****	0.565
537	0.670	562.23	0.588	0.580	2000					****		0.580
540	0.685	562.23	0.504	0.595	7.77.77	-20225	-	****	*****	2000	DANGE .	0,595
543	0.700	562.24	0.621	0.609			-	55555		-	Garage .	0.609
546	0.711	562.24	0.637	0.624				****	-	7767	1000	0.624
549	0.718	582.25	0.652	0.638	-	-		1000	2000	-	2005	0.638
552	0.723	562.25	0.666	0.650	-		100			TAY IT		0.650
555	0.727	562.26	0.679	0.661	WITE TO	The second of		200	PHEE	****		0.661
558	0.732	562.26	0.690	0.672	-	******		*****	-	****	-	0.672
561	0.736	562.26	0.701	0.681			*****	1400000	-	*****	****	0.681
564	0.740	562,27	0.710	0.690	1,000,00	-		2000	2000	94944	****	0.690
567	0.744	562.27	0.719	0.698		2000	-	14440	-	2000	****	0.698
570	0.748	582.27	0.727	0.705		Service 1	(1000)	(**************************************	-		*****	0.705
573	0.753	562.28	0.735	0.712		*****		(**************************************	-		0.00	0.712
576	0.765	562.28	0.743	0.719				*****		3443	****	0.719
579	0.783	562.28	0.752	0.727	****	Constant Constant	lanese.	A	Same.	-	-	0.727
582	0.804	562.29	0.763	0.737	-	(e)einite		7575				0.737
585	0.828	562.29	0.776	0.749		****	E-MARK	**************************************	terna.	*****		0.749
588	0.851	562.30	0.791	0.763							3-757F3	0.763
591	0.875	562.30	0.808	0.778	*****				TOTAL:		75775	0.778
594	0.899	562.31	0.828	0.798		70007	DEREC	ANTENNA .	77777		*****	0.798
597	0.923	562.31	0.848	0.818	DEFECT.		7777		-	*****	7072	0.818
600	0.947	562.32	0.868	0.840								0.840
603	0.973	562.33	0.889	0.861		*****	JESOL.					0.861
606	1.001	562.33	0.912	0.884	2000	2700	LEBAL	2000		-		0.884
609	1.034	562.34	0.935	0.908	Contro				*****	*****	*****	0.908
612	1.068	562.35	0.961	0.934		*****			-	*****	New Professional	0.934
615	1.104	562.36	0.988	0.962	2000	*****				*****	-	0.962
618	1.140	562.37	1.016	0.991	***	-2002	92222		popular.	•		0.991
621	1.176	562.37	1.046	1.021	00000	waste.	****					1.021
624	1.213	562.38	1.078	1.052	*****		****		****	-		1.053
627	1.250	562,39	1.108	1.085	*****		*****				*****	1.085
630	1.287	562.40	1.144	1.119	381111		*****	t entre t	***			1.119
633	1.327	562.41	1.185	1.154	*****	****			****			1,154
636	1.374	562,42	1.229	1.191	****	*****	******		*****	100000		1,191
639	1.427	562.44	1.275	1.231		-	70.00	25555	*****		1000	1.231
642	1.486	562.45	1.324	1,273	25000	5-55-5		*****	55555			1.273
645	1.547	562.46	1.378	1.319		2000000	-			1200-046 2000-046	WE U.S.	1,319
648	1.608	562.48	1.435	1 368		2000 Ct	******	======================================	*****	/ *****		1,368
651	1.670	562.49	1.495	1.419	170077	/ ****		1200,022		7735	****	1,419
654	1.732	562.51	1.551	1,475			*****	(70000)	2000	CONTROL OF		1.475
657	1,795	562.52	1,600	1.536	TELEP .	7777	E0020	10000000000000000000000000000000000000	2000	-		1.536
660	1.859	562.54	1,650	1.597			-			Constant of		1.597
663	1.931	562,55	1.700	1.560		-	21122	12000	200		77-77	1.660
970-2-20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11 500000000000000000000000000000000000									0.0000000

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C	Wr D cfs	Exfil cfs	Outflow cfs
666	2.026	562.57	1.755	1,727			erest:	****	Settem 3	eans.		1.727
669	2.149	562.59	1.817	1.804		*****	*****	****		-	-88658 7	1.803
572	2.288	562.61	1.890	1.885	****		*****		-	neese:		1.885
675	2.435	562.64	1.977	1.973	-	-	1-000		******			1.973
678	2.583	562.67	2.074	2.072	*****	*****		****				2.072
681	2.733	562.70	2.182	2.181	-	*****			-ETTES/			2.181
684	2.884	562.74	2.348	2.304	20702							2.304
687	3.037	562.77	2.523	2.434		*****	*****		Contractor of the Contractor o		*****	2.434
690	3.192	562.81	2.685	2.567	- 32775			======================================				2.567
693	3.681	562.86	2.809	2.732	*****		-					2.732
696	5.178	562.95	3.064	2.987	000000	75022		*****	****	22300	Section 1	2.987
699	7.826	563.05	3.273	3,215		7000	*****	*****	*****	0000	2000	3:215
702	11.22	563.18	3.567	3,485	- <u> </u>	2007		20072	33,33	Lillian	2000	3,485
705	14.96	583.37	3.886	3,882		****	1000	2222	-1212	1919		3.862
708	19.47	563.64	4,463	4,318	-	2000	-070	50000	COLUMN TO STATE OF		2000	4,318
711	26.13	564.00	5.075	4.933	12000	Contract to	1		2005			4.933
714	35.25	564 44	7.524	5.189	2.286		*****	*****	*****			7.476
717	42 44 <<	The state of the s	14.17	4.536	9.551	*****		22222	2444	*****	CAPAC	14 09
720	39.54	565.33	19.29	3.229	16.06	2222	****		*****	*****		19.29
723	27.11	565.53 <<	22.00	3.549	18.45	*****	-	****		****		22.00 <<
726	14.68	565.52	21.81	3,518	18.29	*****	****		*****	***	*****	21.81
729	7.849	565.37	19.81	3.254	16.55		3 304/2-14 2	30000	****		++++	19.80
732	5.847	585.18	17.73	3.739	13.99			****	30000		Section 2	17.73
735	5.464	565.01	15.21	4,367	10.73	*****	-	-		500000	****	15.10
738	5.091	564.85	12.84	4.719	8.051	,,,,,, ,,	****	*****	*****			12.77
741	4.716	564.73	11.13	4.901	6.073	*****			*****	*****		10.97
744	4.341	564.63	9.739	5.032	4,585	******	1,000	*****	2000		27-7-5	9.616
747	3.964	564.54	8.658	5,114	3.433					77577	50005	8.547
750	3.587	564.46	7.780	5.174	2.513	27777		2222	257770			7.687
753	3.239	564.39	6.975	5,219	1,758			+	*****			6.976
756	2.978	564.33	6.386	5.213	1,173	-	4444					6.386
759	2.815	564.27	5.964	5,203	0.714	22222	1.00		-	2000	-	5.917
762	2.710	564.22	5.680	5.190	0,358	22.722	4		4		*****	5,548
765	2,624	564.17	5.476	5.152	0.164		5-11-1	*****	heren.	*****	*****	5.316
768	2,538	564,12	5.311	5,102	0.050	*****	-	-	****	-	-	5.152
771	2.452	564,07	5,195	5.040		-		*****	****	*****	*****	5,040
774	2.366	564.03	5.115	4.969	****	*****		-	******		*****	4.969
777	2,280	563.98	5.032	4.893		3-111-14					*****	4.893
780	2.194	563.93	4.942	4.808		****	****		O temat		*****	4.808
783	2.112	563.87	4.853	4.722	****				CHARLE	*****	-	4.722
786	2.042	563.82	4.765	4.635		*****	****	*****	*****		*****	4.635
789	1.985	563,77	4.678	4.547	****		****		(*****	- 1000	4.547
792	1.936	563,72	4,593	4.459	*****			F-100000	300000	****	Carrier .	4.459
795	1.889	563.67	4.510	4.369	0.000			-	1900	***	*****	4.369
798	1.843	563.62	4.429	4.280	****	*****		*****	Magazin		*****	4.280
801	1.797	563.57	4.297	4.197	*****	*****				*****	*****	4.197
804	1.750	563,52	4 143	4,116	-	5		-11172	E-17.74	F71117.		4.116
807	1.704	563.47	4.041	4.038	*****	ENTER.		7277	77.77	Same C	SEATTLE	4.038
810	1,657	563.42	3.968	3.961	27222	711117		277772	***	30077	17500	3.961
813	1.612	563.38	3.896	3.876		23002	22000		30,100	-		3.876
816	1.571	563.33	3,827	3.783	STATE.	ENDINE		Common of the last		-		3.783
819	1.534	563.29	3,760	3,691		*****				1200	CLEAN	3.691
822	1.500	563.24	3,695	3.597	CHANG		Colsiers	Para de	2000			3:597
825	1.467	583,20	3.633	3.506	12.00	-						3.506

											T 100 T 100 at 11 1	
Time (min)	Inflow cfs	Elevation ft	CIV A	Clv B cfs	CIV C	PfRsr cfs	Wr A cfs	Wr B	Wr C cfs	Wr D	Exfil cfs	Outflow
828	1,434	563.16	3.515	3,435		20000			*****		9	3,435
A Company of the Comp	1.400	563.12	3.398	3.366	-00000				*****	I laterate	-	3.366
831	the state of the s	563.08	3.312	3.284					- 	NAME OF TAXABLE PARTY.	******	3.284
834	1.367		3.258	3.190		*****				MANAGE DOSESSO	Seesal)	3,190
837	1.334	563.04		and the same of th		*****	*****	HONEY.	\$20000			3,099
840	1.300	563.01	3.206	3.099	*****	****		*****		55555		2.908
843	1,289	562.91	2.956	2.908	40076				-57000			2.610
846	1.245	562.82	2,717	2.610		*****	50000	*****		*****	11.77.00	2.342
849	1.227	562.75	2.399	2,342	31013	-					******	Section 2015 Section 2015
852	1.214	562.68	2.125	2.124	*****	****		500,000		******		2.124
855	1.203	562.63	1,959	1,955	47777	-	*****				7778	1,955
858	1.191	562.59	1.823	1,811	-		38777				*****	1.811
861	1.179	562.56	1.716	1.679	****	*****	4000	2002	*****		*****	1.679
864	1.168	562.53	1,629	1.572	, 1111 1	C5555		32722				1.572
867	1.156	562,51	1.559	1.486		20000	77.50			00010		1.486
870	1.145	562.49	1.494	1,419	-	20000			-		24442	1 418
873	1.133	562.48	1.432	1,366			THE PARTY	01.000	1	THE PARTY NAMED IN		1.366
876	1.121	562.46	1.380	1,321	7-27-6	7115		W.C.Ini	1/20/1/5=	****	****	1.321
879	1,110	562.45	1.334	1.282	Y2222	1	*****	*****	*****	****	20000	1.282
882	1.098	562.44	1.295	1.248		*****	-	-	-	****		1.248
885	1.087	562.43	1.261	1.219	-		Carrier		****	****	*****	1.219
888	1.075	562.43	1.230	1.193	Terrore.			10000000	*****	*****		1.193
891	1.063	562.42	1,203	1.170	5-5-5-5-5	-	(CONT.)		-		-	1,169
894	1.052	582.41	1.178	1.148	PARSE		(Accessed)	(======================================	*****	******	-	1.148
897	1.040	562.41	1.156	1,129	-		(1 600000	E ntertal		22.444		1,129
		562.40	1.135	1.111								1 111
900	1.028					*****	0.000	*****	Cantan	200000	855555	1.095
903	1.017	562.40	1.118	1.095	-	Service C	N-10-25	2000	10000	54/0-0/27		1.080
906	1.005	562.39	1.103	1.080			- 201100	*****	5.5000		******	1.085
909	0.993	562.39	1.089	1.085		-500000	01555				1 1000	
912	0.982	562.38	1.075	1.051	****				A		×2555	1.051
915	0.970	562.38	1.062	1.037		55,000	0.000	20.00) minutes	1000	1000	1.037
918	0.958	562.38	1.049	1.024	1977/1970	500,000		577.77	1,555,000		(1.024
921	0.947	562.37	1.036	1.011	VT-10-00-0	1.000		7777				1,011
924	0.935	562.37	1.024	0,998	77775			*****				0.998
927	0.923	562.36	1,011	0.986					CTTT-			0.986
930	0.912	562.36	0.999	0.973		27.7	matrice.					0.973
933	0.900	562.36	0.987	0.961	2222		****			*****	-	0.961
936	0,888	562,35	0.975	0.949		*****				****	N	0,949
939	0.877	562.35	0.963	0.937			****		**************************************	****	-	0.937
942	0.865	562.35	0.952	0.925	*****	*****	****		17-14-14-1		*****	0.925
945	0.853	562.34	0.940	0.913	****	-					****	0.913
948	0.841	562,34	0.928	0.901	****	****	*****	****	****			0.901
951	0.830	562.33	0.917	0.889	****	E-100-1	23744	****	***	*****		0.889
954	0.818	582.33	0.905	0.877	****	****	*****		*****		****	0.877
957	0.806	562.33	0.894	0.866	****	*****			****			0.866
960	0.795	562.32	0.882	0.854		-			****	****	1000	0.854
963	0.784	562 32	0.871	0.842	*****		2550	-			****	0.842
966	0.775	562.32	0.860	0.831	Section 1	(A) (A)			75755			0.831
969	0.769	562,31	0.849	0.820								0.820
972	0.764	562.31	0.840	0.810	Service .		0.05540	*****		211172	*****	0.810
		562.31	0.831	0.802	-1000	-		-		-		0.802
975	0.760			0.794				-				0.794
978	0.766	562.31	0.823		S CANTED	3,000		144			77777	0.786
981	0.752	562.30	0.816	0.787			AUGUSTA A	A . T C . J A	- (a) b			0.780
984	0.748	562.30	0.810	0.780			TOTAL N	-	H207574		-	0.774
987	0.743	562.30	0.804	0.774		CVIII-	minute			-		0.774

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B	Wr C	Wr D cfs	Exfil cfs	Outflow cfs
990	0.739	562.30	0.798	0.769		****	****			****	3-16-66	0.769
993	0.735	562.30	0.793	0.764	SALES :	****	*****	1112200	*****	9.4mm		0.764
996	0.731	562.29	0.788	0.760	******	*****	-	2000		27777		0.759
999	0.727	562.29	0.783	0.755		****	****	*****	*****		*****	0.755
1002	0.723	562.29	0.777	0.750		exerci.	Telephone T	(manager)	*****	/ *****	0000000	0.750
1005	0.718	552.29	0.773	0.746	avere.		5*****		-		*****	0.746
1008	0.714	562.29	0.768	0.741		****		****	****	(Menne)	*****	0.741
1011	0.710	562.29	0.763	0.737					-	****		0.737
1014	0.706	562.28	0.758	0.733				****	****		-	0.733
1017	0.702	562.28	0.753	0.728	*****			*****	*******	PART		0.728
1020	0.698	562.28	0.748	0.724	27552	77775	27777	22202			-20022	0.724
1023	0.693	562.28	0.743	0.720						******	*****	0.720
1026	0.689	562.28	0.739	0.715	-444							0.715
1029	0.685	562.28	0.734	0.711		-	-		-	-		0.711
1032	0.681	562.27	0.729	0.707	-	927575	2000			(EEEE	224	0.707
1035	0.677	562.27	0.724	0.703	er territories	22000	10000	0.000	2555554	A ALLEGA	THEFT	0.703
1038	0.673	562.27	0.720	0.698	2002	2200				12402	200	0.698
1041	0.668	562.27	0.715	0.694	*****		2000		77.7	-	ALCOHOL:	0.694
1044	0.664	562.27	0.710	0.690	-0.000	140000	-20046	****	-24927	190005	-98075S	0.690
1047	0.660	562.27	0.706	0.686					SAUCES !		10000000	0.686
1050	0.656	582.27	0.701	0.682		20375	505025	and the second	Name of the last	-		0.682
1053	0.652	562.26	0.696	0.677	*****	*****	*****		Anna C	- (12) -122	44444	0.677
1056	0.648	562.26	0.692	0.673	*****	in the second				(1646)		0.673
1059	0.643	562.25	0.687	0.689	-	****	*****	100000	*****	Celebrate	(2000)	0.669
1062	0.639	562.26	0.682	0.665	284005	******	ORTHOGO I	elitables.	3(***** 0	Desertion		0.665
1065	0.635	562.26	0.678	0.681				****	55555	MARKET A)= 1172 C	0.661
1068	0.631	562.26	0.673	0.656	1 24002 1	2233A				Sanano		0.656
1071	0.627	582.25	0.668	0.852	1300000	*****		55555	*****	(Statement	*****	0.652
1074	0,622	562.25	0.664	0.648	37073			*****		(Tabasa)	-0-8800	0.648
1077	0.618	562.25	0.659	0.644	(27522)	77777	1500001	5,5,5,174.				0.644
1080	0.614	562.25	0.655	0.640	2557724	77775) (rames)	55555	-25.000 C	A Address	ALTERNATION A	0.640
1083	0.610	562.25	0.650	0.635			200	2500	523540.4	Tables.		0.635
1086	0.606	562.25	0.645	0.631		1200				1950	0.095	0.631
1089	0.602	582.24	0.641	0.627				A Pi				0.627
1092	0.597	582.24	0.636	0.623		34034		(m) (m)	- 02-05			0.623
1095	0,593	562.24	0.631	0.619				*****	4000			0.619
1098	0.589	562.24	0.627	0.615		(0.00 / 10 m) or 10 m)	25000	0.00000	=24000=1	2000	200000	0.515
1101	0.585	582.24	0.622	0.610			19999		500000	1		0.610
1104	0.581	562.24	0.617	0.606		20102	-	ED47.2	500000	(2005)		0.606
1107	0.576	562,24	0.613	0.602		****	5543345	***		-	****	0.602
1110	0.572	562.23	0.608	0.598					Section :	-010000	****	0.598
1113	0.568	562.23	0.603	0.594						(meak	****	0.594
1116	0.564	562.23	0.599	0.589	300000	*****	(enter:	****	5 ****		****	0.589
1119	0.580	562.23	0.594	0.585	3-100-1		5	10000000	Series S	Contractor.		0.585
1122	0.555	582.23	0.589	0.581	-	22000		53578-S		IM ARIST		0.581
1125	0.551	562.23	0.585	0.577			2-0-000-1	*****	(600000)			0.577
1128	0.547	562.22	0.580	0.573	1,500086 2,00086	0.005	5-5000		150050E	194685	interest (0.573
1131	0.543	562.22	0.575	0.568				10000	H-W-55	- 11000		0.568
1134	0.539	562.22	0.571	0.564						100000	50000C)	0.564
1137	0.534	562.22	0.566	0.580					-			0.560
1140	0.530	562.22	0.562	0.556	20202	*****		10302	(enine)	155507	1000000	0.556
1143	0.526	562.22	0.557	0.552				male.)	A GILLIAN	24.20	0.552
1146	0.522	562.22	0.552	0.547	PERCE		Tank Val	915366				0.552
1149	0.518	562.21	0.548	0.543	ESVICE		1007	5.555	Martine V.		1000	0.543
		002	9.070	0,040								0.040

Time (min)	Inflow	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B	Wr C	Wr D cfs	Exfil cfs	Outflow cfs
1152	0.513	562.21	0.543	0.539	*****					-		0.539
1155	0.509	562.21	0.538	0.535		*****	4	2222			2000	0.535
1158	0.505	562.21	0.534	0.531		****	30000	****	-		-	0.531
1161	0.501	562.21	0.529	0.526			-			(district		0.527
1164	0.497	562.21	0.524	0.522				Service	*****		*****	0.522
1167	0.492	562.20	0.520	0.518	======================================	53555	-rannov	Comments.			*****	0.518
1170	0.488	562.20	0.515	0.514	(B0000)	(11)(C)(C)(C)			*****	27174		
1173	0.484	562.20	0.510	0.510			ARTHUR.	Coboth		*****		0.514
1176	0.480	562.20	0.506	0,505	15-40-0			10000	*****	*****	*****	0.510
1179	0.476	562.20	0.502	0.502		10000000	100000	-	10000	*****	-	0.506
1182	0.472	562.20	0.499	0.302					540/000500		-	0.502
1185	0.467	562.20	0.495	The state of the s					-		h = 1 - 1 - 1 - 1	0.498
1188	0.463	562.20	The second second second	0.495	51110°					*****	* * * * * * * * * * * * * * * * * * *	0.495
1191	0.459		0.492	0.491			*****	-11777		31111		0.491
1194		562,19	0.488	0.487	-	THE STATE	-(49)%	77777	-0.00	*****		0.487
	0.455	562,19	0.484	0.483	NEGATION .	A COLUMN	*****		A STATE OF	1000	0.000	0.483
1197	0.451	562,19	0.481	0.479	-			****		324.400	77575	0.479
1200	0.446	562.19	0.477	0.475			-			-	37075	0.475
1203	0.442	562.18	0.473	0.471	44744	-		and the same		1000000		0.471
1206	0.440	562.18	0.469	0.468		-	******	****				0.468
1209	0.438	562.18	0.466	0.464	****		****	*****		34404		0.464
1212	0.437	562.18	0.463	0.461	4444	044134	*****		-		*****	0.460
1215	0.436	562.18	0.460	0.457	*****	*****	-	4		11/4/201		0.457
1218	0.435	562.18	0.457	0.455	******	0.000	$(\frac{1}{1+\varepsilon}(\frac{1}{1+\varepsilon})^{-1})$	****		******	THE STATE	0.455
1221	0.434	562,18	0.454	0.452	*****			****	*****	****	*****	0.452
1224	0.433	562,18	0.452	0.450	****	4-14		-	*****	*****	*****	0.450
1227	0.433	562,17	0.450	0.448		-	******	*****	**************************************	-	EH-88	0.448
1230	0.432	562,17	0.448	0.446		*****	(55.55)				*****	0.446
1233	0.431	562.17	0.447	0.444	menne /	******		-				0.444
1236	0.430	562,17	0.445	0.442	GTTGT.	70000		*****	****		*****	0.442
1239	0,429	562,17	0.444	0.441		100000		*****		*****		0.441
1242	0.428	562,17	0.442	0.439		*****				======	-	0.439
1245	0.428	562,17	0.441	0.438	C-17/4		-			51775		0.438
1248	0.427	562.17	0.440	0.436	1000			****	man	PHONE:	*****	0.436
1251	0.426	562.17	0.438	0.435	Territoria.	760	-11.	3	2225			0.435
1254	0.425	562.17	0.437	0.434				U.P.				0.434
1257	0.424	562.17	0.436	0.433	-		-			TANK T		0.433
1260	0.423	562.17	0.435	0.432			-	311123	*****	- Vivil		0.432
1263	0.423	562.17	0.434	0.430		-	at a flat plat is		0.0000		STOR.	0.430
1266	0.422	562,17	0.433	0.429			25000	*****	11551	3		
1269	0.421	562.17	0.432	0.428	*****	-		2000	72000		0.0000	0.429
1272	0.420	562,17	0.431	0.427	****				Consultation of the Consul			0.428
1275	0.419	562,16	0.430	0.426			*****					0.427
1278	0.418	562 16	0.429	0.426		Saker-			******		*****	0.426
1281	0.418	562.18	0.428	0.425			*****		****		45-252	0.425
1284	0.417	562.16	0.427	0.424	1557	-	*****	-100		*****	*****	0.425
1287	0.416	562.16	0.426	0.423	-		-	21111		*****		0.424
1290	0.415	562.16	0.426	0.423		5005	1,10,10,10,10 1,10,10,10,10	-	****	*****	(0.782-)	0.423
1293	0.414	562.16	0.425	The second of the second	75.000	*****	0.00000	37.05		71100	(0) 1 	0.422
1296	0.414			0.421	C-C-1 200	STATE		23.52	2.565	*****	(*****	0.421
1299		562.16	0.424	0.420	******					51105	-	0.420
	0.413	562.16	0.423	0.419		31415		77770		-	R50000	0.419
1302	0.412	562.16	0.422	0.418			77.00	9,600		****	-5555	0.418
1305	0.411	562.18	0.421	0.417	20000	*****	THE PARTY OF THE P		1,00	*****	-	0.417
1308	0.410	562 16	0.420	0.416	Otton	12222	Manage				V arious	0.416
1311	0.409	562.16	0.420	0.416	*****		22127	200		*****	/ <u>CESTIO</u>	0.416

1314 0.408 562.16 0.418 0.414	Outflow cfs
1320 0.407 562.16 0.417 0.413	0.415
1320 0.407 562.16 0.417 0.413	0.414
1323 0.406 562.16 0.416 0.412	0.413
1326 0.405 562.16 0.416 0.411	0.412
1329 0.404 562.16 0.415 0.411	0.411
1332 0.403 562.16 0.414 0.410	0.411
1335 0.403 562.16 0.413 0.409	0.410
1338 0.402 562.16 0.412 0.407	0.409
1341 0.401 562.16 0.412 0.407	0.408
1344 0.400 562.16 0.411 0.406	0.407
1347 0.399 562.16 0.410 0.405	0.406
1350 0.398 562.16 0.409 0.405	0.405
1353 0.398 562.15 0.408 0.404	0.405
1356 0.397 562.15 0.408 0.403	0.404
1359 0.396 562.15 0.407 0.402	0.403
1362 0.395 562.15 0.406 0.401	0.402
1368 0.393 562.15 0.404 0.400	0.401
1371 0.393 562.15 0.404 0.399	0.400
1374 0.392 562.15 0.403 0.398	0.400
1377 0.391 562.15 0.402 0.397 <td>0.399</td>	0.399
1380 0.390 562.15 0.401 0.396 <td>0.398</td>	0.398
1380 0.390 562.15 0.401 0.396 <td>0.397</td>	0.397
1383 0.389 562.15 0.400 0.395 <td>0.396</td>	0.396
1386	0.395
1392	0.395
1392	0.394
1398 0.385 562.15 0.396 0.391	0.393
1398 0.385 562.15 0.396 0.391	0.392
	0.391
1401 0.384 562.15 0.396 0.390	0.390
1404 0.383 562.15 0.395 0.390	0.390
1407 0.383 562.15 0.394 0.389	0.389
1410 0.382 562.15 0.393 0.388	0.388
1413 0.381 562.15 0.392 0.387	0.387
1416 0.380 562.15 0.392 0.386	0.386
1419 0.379 562.15 0.391 0.385	0.385
1422 0.378 582.15 0.390 0.385	0.385
1425 0.378 562.15 0.389 0.384	0.384
1428 0.377 582.15 0.388 0.383	0.383
1431 0.376 562.15 0.388 0.382	0.382
1434 0.375 562.14 0.387 0.381	0.381
1437 0.374 562.14 0.386 0.380	0.380
1440 0.373 562.14 0.385 0.379	0.380
1443 0.298 562.14 0.380 0.374	0.374
1446 0.149 562.13 0.362 0.355	0.355
1449 0.050 562.12 0.330 0.322	0.322
1452 0.000 562.10 0.294 0.284	0.284
1455 0.000 562.09 0.267 0.257	0.257
1458 0.000 562.07 0.244 0.233	0.233

...End

yd. o	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
,	SCS Runoff	24.75	3	720	67,098	THE STATE OF THE S	-	*****	Existing to NW (Mason Report)
2	SCS Runoff	40.54	3	7.17	101,615		1.45-2-12	V	Proposed (Mason Report)
3	SCS Runoff	44.25	3	7.17	107,193	****	11885a	Garage.	Proposed to Revise Basin
A :	Reservoir	23.07	3.	723	107,197	3	585.66	29.027	Pr thru Rev Basin
					Retu				Sep 9, 2016

Hydraflow Hydrographs by Intelisoive v9.2

Friday, Sep 9, 2016

Hyd. No. 1

Existing to NW (Mason Report)

= SCS Runoff Hydrograph type = 25 yrs Storm frequency = 3 min Time interval Drainage area = 5.870 ac Basin Slope = 2.7 % = USER To method Total precip. = 5.40 in Storm duration = 24 hrs

Peak discharge = 24.75 cfs
Time to peak = 720 min
Hyd. volume = 97,684 cuft
Curve number = 79
Hydraulic length = 808 ft
Time of conc. (Tc) = 14.0 min
Distribution = Type II
Shape factor = 484

Hydrograph Discharge Table

(Printed values or 1 00% of Qu)

Time	Outflow	Time	Outflow	Time	Outflow	Time Outflow		
(min	cfs)	(min	cfs)	(min	cfs)	(min	cfs)	
588	0.254	699	2.872	810	1.360	921	0.775	
591	0.265	702	4.170	813	1.325	924	0.765	
594	0.277	705	5.928	816	1.291	927	0.755	
597	0.288	708	8.294	819	1.258	930	0.747	
600	0.301	711	11.63	822	1 229	933	0.738	
603	0.313	714	16.36	825	1,201	936	0.729	
606	0.327	717	21.56	828	1.174	939	0.720	
609	0.341	720	24.75 <<	831	1.148	942	0.710	
612	0.357	723	24.03	834	1.122	945	0.701	
615	0.374	726	19.90	837	1.096	948	0.692	
618	0.391	729	14.83	840	1,070	951	0.683	
821	0.410	732	10.32	843	1.045	954	0.673	
624	0.429	735	6.793	846	1.022	957	0.664	
627	0.448	738	4.735	849	1.003	960	0.655	
630	0.468	741	4.002	852	0.987	963	0.646	
633	0.489	744	3.723	855	0.974	966	0.637	
636	0.512	747	3.443	858	0.964	969	0.630	
639	0.537	750	3.160	881	0.954	972	0.625	
642	0.565	753	2.885	864	0.946	975	0.620	
645	0.595	756	2.635	867	0.937	978	0.616	
648	0.627	759	2.432	870	0.928	981	0.613	
651	0.660	762	2,278	873	0.919	984	0.610	
654	0.695	765	2.163	876	0.910	987	0.607	
657	0.731	768	2.076	879	0.901	990	0.603	
660	0.768	771	2.006	882	0.892	993	0.600	
663	0.808	774	1.941	885	0.883	996	0.597	
666	0.853	777	1.876	888	0.874	999	0.594	
669	0.907	780	1.811	891	0.885	1002	0.590	
672	0.970	783	1.746	894	0.856	1005	0.587	
675	1.043	786	1.686	897	0.847	1008	0.584	
678	1.122	789	1.631	900	0.838	1011	0.581	
681	1.207	792	1,584	903	0.829	1014	0,577	
684	1.297	795	1.542	906	0.820	1017	0.574	
687	1,389	798	1.503	909	0.811	1020	0.571	
690	1.485	801	1.467	912	0.802	1023	0.568	
693	1.658	804	1.431	915	0.793	1026	0.564	
696	2.082	807	1.396	918	0.784	1029	0.561	

Time Outflow		Time	Outflow	Time Outflow		
(min	cfs)	(min	cfs)	(min	cfs)	
1032 1035 1036 1041 1044 1050 1053 1056 1059 1065 1065 1071 1083 1088 1092 1093 1094 1104 1107 1113 1125 1134 1137 1140 1155 1158 1158 1159 1158 1158 1158 1158	0.558 0.555 0.545 0.545 0.545 0.538 0.535 0.535 0.522 0.535 0.522 0.518 0.525 0.512 0.515 0.505 0.505 0.549 0.495 0.495 0.495 0.495 0.465 0.445 0.445 0.445 0.428 0.428 0.428 0.428 0.428 0.438	1194 1197 1200 1203 1206 1209 1212 1215 1218 1221 1224 1224 1227 1230 1233 1236 1242 1245 1246 1257 1260 1263 1266 1272 1275 1278 1281 1284 1287 1290 1293 1296 1299 1302 1305 1308 1311 1314 1317 1320 1323 1326 1329 1329 1329 1329 1329 1329 1329 1329	0.377 0.374 0.371 0.364 0.362 0.363 0.363 0.353 0.357 0.356 0.357 0.356 0.357 0.356 0.357 0.357 0.357 0.358 0.357 0.359 0.	1356 1369 1362 1365 1368 1371 1377 1380 1383 1386 1389 1392 1395 1398 1401 1404 1407 1413 1416 1419 1422 1425 1428 1431 1434 1437 1440 1443 	0.328 0.327 0.326 0.325 0.324 0.323 0.322 0.323 0.322 0.321 0.320 0.320 0.318 0.318 0.318 0.316 0.314 0.313 0.314 0.313 0.312 0.312 0.311 0.312 0.311 0.312 0.311 0.312 0.311 0.312 0.311 0.312	

Hydraflow Hydrographs by Intelisoive v9.2

Friday, Sep 9, 2016

Hyd. No. 2

Proposed (Mason Report)

Hydrograph type = SCS Runoff
Storm frequency = 25 yrs
Time interval = 3 min
Drainage area = 6.200 ac
Basin Slope = 2.7 %
Tc method = USER
Total precip. = 5.40 in
Storm duration = 24 hrs

Peak discharge = 40.54 cfs
Time to peak = 717 min
Hyd. volume = 135,157 cuft
Curve number = 95
Hydraulic length = 808 ft
Time of conc. (Tc) = 6.0 min

Distribution = Type II Shape factor = 484

Hydrograph Discharge Table

(Finited values >= 1.00% of Q5.)

Time	Outflow	Time	Outflow	Time	Outflow	Time	Outflow
(min	cfs)	(min	cfs)	(min	cfs)	(min	cfs)
MO STANDANI	250766000	1800 and 1800	1-1-1-0-0	32,000,000	<i>F</i> 3	177	1 5 8
402	0.407	513	0.659	624	1.308	735	5,135
405	0.411	516	0.673	627	1,345	738	4.782
408	0.415	519	0.688	630	1.381	741	4.428
411	0 420	522	0.703	633	1,421	744	4.074
414	0.424	525	0.718	636	1.467	747	3.719
417	0.429	528	0.733	639	1.520	750	3,365
420	0.433	531	0.748	642	1.579	753	3.037
423	0.437	534	0.764	645	1.639	756	2.792
426	0.442	537	0.778	648	1.699	759	2.638
429	0.446	540	0.794	651	1.760	762	2,539
432	0.450	543	0.808	654	1.821	765	2.458
435	0.455	546	0.819	657	1.883	768	2.377
438	0.459	549	0.825	660	1,944	771	2.296
441	0.464	552	0.828	663	2.014	774	2.216
444	0.468	555	0.831	666	2.108	777	2.135
447	0.472	558	0.833	669	2.230	780	2.054
450	0.477	581	0.836	672	2.368	783	1.976
453	0.481	564	0.838	675	2.513	786	1,910
456	0.485	567	0.841	678	2.658	789	1.857
459	0.490	570	0.843	681	2.804	792	1.811
	0.494	573	0.847	684	2.951	795	1.767
462		576	0.858	687	3.099	798	1.724
465	0.498		0.876	690	3.247	801	1.680
468	0.502	579	0.898	693	3.732	804	1.636
471	0.507	582	0.922	696	5.226	807	1.593
474	0.511	585		699	7.855	810	1.549
477	0.515	588	0.946	702	11.19	813	1.507
480	0.520	591	0.970		14.80	816	1.468
483	0.525	594	0.994	705	19.10	819	1.434
486	0,533	597	1.018	708		822	1.402
489	0.544	600	1.042	711	25,39		
492	0.558	603	1.067	714	33.94	825	1.370
495	0.572	606	1.096	717	40 54 <<	828	1.339
498	0.586	609	1.129	720	37.56	831	1.308
501	0.600	612	1.164	723	25.66	834	1.277
504	0.615	615	1.200	726	13.85	837	1.246
507	0.629	618	1.236	729	7.388	840	1,214
510	0.544	621	1.272	732	5.497	843	1.185

Time Outflow		Time	Outellow	Time Outflow			
The second secon	The state of the s	The second secon	Outflow				
(min	cfs)	(min	cfs)	(min	cfs)		
846	1,162	1008	0.665	1170	0.454		
849	1.146	1011	0.661	1173	0.450		
852	1.134	1014	0.657	1176	0.446		
		1017	0.653	1179	0.442		
855	1.123	1020	0.650	1182	0.438		
858	1.112	1023	0.646	1185	0.435		
861	1,101		0.642	1188	0.431		
864	1.090	1026 1029	0.638	1191	0.427		
867	1.079	1032	0.634	1194	0.423		
870	1.068 1.057	1035	0.630	1197	0.419		
873 876	1.046	1038	0.626	1200	0.415		
879	1.036	1041	0.622	1203	0.411		
882	1.025	1044	0.618	1206	0.409		
885	1.014	1047	0.614	1209	0.407		
888	1.003	1050	0.610	1212	0.406		
881	0.992	1053	0.607	12 (2)	200000000000000000000000000000000000000		
894	0.981	1058	0.603	End			
897	0.970	1059	0.599	计解示约证			
900	0.959	1062	0.595				
903	0.948	1065	0.591				
906	0.937	1068	0.587				
909	0.926	1071	0,583				
912	0.915	1074	0.579				
915	0.904	1077	0.575				
918	0.894	1080	0.571				
921	0.883	1083	0.568				
924	0.872	1088	0.564				
927	0.861	1089	0.560				
930	0.850	1092	0.556				
933	0.839	1095	0.552				
936	0.828	1098	0.548				
939	0.817	1101	0.544				
942	0.806	1104	0.540				
945	0.795	1107	0.536				
948	0.784	1110	0.532				
951	0.773	1113	0.528				
954	0.762	1116	0.525				
957	0.751	1119	0.521				
960	0.740	1122	0.517				
963	0.730	1125	0.513				
966	0.722	1128	0.509				
969	0.716	1131	0.505				
972	0.712	1134	0.501				
975	0.708	1137	0.497				
978	0.704	1140	0,493				
981	0.700	1143	0.489				
984	0,696	1146	0.485				
987	0.692	1149	0.481				
990	0.689	1152	0.478				
993	0.685	1155	0.474				
996	0.681	1158	0.470				
999	0.677	1161	0.486				
1002	0.673	1164	0.482				
1005	0,669	1167	0.458				

Hydraflow Hydrographs by Intelisoive v9.2

Friday, Sep 9, 2015

Hyd. No. 3

Proposed to Revise Basin

= SCS Runoff Hydrograph type = 25 yrs Storm frequency Time interval = 3 min Drainage area = 7.030 ac = 2.7 % Basin Slope To method = USER Total precip. = 5.40 inStorm duration = 24 hrs

Peak discharge = 44.25 cfs
Time to peak = 717 min
Hyd, volume = 144,854 cuft
Curve number = 92*
Hydraulic length = 808 ft
Time of conc. (Tc) = 6.0 min

Distribution = Type II Shape factor = 484

Hydrograph Discharge Table

(Printed values >= 1 00% of Qp.)

Time	Outflow	Time	Outflow	Time	Outflow	Time Outflow		
(min	cfs)	(min	cfs)	(min	cfs)	(min	cfs)	
477	0,445	588	0.900	699	8.199	810	1,725	
480	0.450	591	0.925	702	11.75	813	1,678	
483	0.456	594	0.950	705	15.65	816	1,635	
486	0.464	597	0.975	708	20.35	819	1,596	
489	0.475	600	1.001	711	27.29	822	1.561	
492	0.488	603	1.027	714	36.79	825	1.526	
495	0.502	606	1.057	717	44.25 <<	828	1,492	
498	0.516	609	1.091	720	41.21	831	1.457	
501	0.530	612	1.128	723	28.24	834	1.422	
504	0.544	615	1 185	726	15.29	837	1.388	
507	0.559	618	1.203	729	8.174	840	1,353	
510	0.573	621	1.241	732	6.088	843	1,321	
513	0.588	624	1.279	735	5.689	846	1,295	
516	0.603	627	1.318	738	5.300	849	1.277	
519	0.618	630	1.357	741	4.910	852	1,263	
522	0.633	633	1.399	744	4.519	855	1.251	
525	0.648	636	1.447	747	4.127	858	1.239	
528	0.684	639	1,504	750	3.734	861	1,227	
531	0.680	642	1,565	753	3.372	864	1,215	
534	0.695	645	1.628	756	3.100	867	1.203	
537	0.711	648	1.692	759	2.930	870	1.191	
540	0.727	651	1.757	762	2.821	873	1.179	
543	0.742	654	1.822	765	2.731	876	1.167	
546	0.754	657	1.888	768	2.642	879	1,155	
549	0.761	660	1.955	771	2.552	882	1.143	
552	0.767	663	2.030	774	2.483	885	1.130	
555	0.771	666	2,130	777	2,373	888	1.118	
558	0.775	669	2.258	780	2.284	891	1,105	
561	0.779	672	2.404	783	2.198	894	1.094	
564	0.783	675	2.557	786	2.125	897	1.082	
567	0.788	678	2.712	789	2.066	900	1.070	
570	0.792	681	2.869	792	2.015	903	1.058	
573	0.797	684	3.027	795	1.966	906	1.046	
576	0.809	687	3.187	798	1.918	909	1.033	
579	0.828	690	3.348	801	1.870	912	1.021	
582	0.851	693	3.880	804	1.821	915	1.009	
585	0.875	696	5.427	807	1,773	918	0.997	

[&]quot; Composite (Area/CN) = [(1.210 x 74) + (1.430 x 89) + (4.390 x 98)] / 7.030

(min cfs) (min cfs) (min cfs) 921 0.985 1083 0.634 1245 0.445 924 0.973 1086 0.630 1248 0.444 927 0.961 1089 0.626 1251 0.443 930 0.948 1092 0.621 933 0.938 1095 0.817	Time Outflow		Time	Outflow	Time	Outflow
924	(min	cfs)	(min	cfs)	(min	cfs)
924 0.973 1086 0.630 1248 0.444 927 0.961 1089 0.626 1251 0.443 930 0.948 1092 0.621 933 0.936 1095 0.617	004	0.005	1000	0.634	1245	0.445
927		Service of the Committee of the Committe				(F.A. 1907) (F. 1)
930	4 4 5 5 6 6	And the second second				
933					1201	0.443
936					A 150	
939					⊨na	
942						
945	939					
948	942	0.900				
951	945	0.888	1107	0.600		
954	948	0.875	1110	0.595		
957	951	0.863	1113	0.591		
967	954	0.851	1118	0.586		
960 0.827 1122 0.578 963 0.815 1125 0.573 968 0.806 1128 0.569 969 0.800 1131 0.585 972 0.795 1134 0.560 975 0.791 1137 0.556 981 0.782 1143 0.547 984 0.778 1146 0.543 987 0.773 1149 0.538 990 0.769 1152 0.534 993 0.765 1155 0.530 996 0.760 1158 0.525 999 0.766 1161 0.521 1002 0.752 1164 0.517 1005 0.747 1167 0.512 1008 0.743 1170 0.508 1011 0.734 1178 0.499 1017 0.730 1179 0.495 1020 0.726 1182 0.490 1023 0.721 1185 0.482 1029 0.713 1191 0.477 1032 0.708 1194 0.473 1035 0.704 1197 0.469 1038 0.700 1200 0.460 1041 0.695 1203 0.460 1044 0.691 1206 0.457 1059 0.669 1221 0.453 1059 0.669 1221 0.453 1059 0.669 1221 0.452 1068 0.674 1218 0.453 1059 0.669 1221 0.453 1059 0.669 1221 0.452 1068 0.674 1218 0.453 1059 0.669 1221 0.454 1059 0.669 1221 0.455 1059 0.669 1221 0.455 1059 0.669 1221 0.455 1068 0.655 1203 0.449 1071 0.687 1209 0.455 1059 0.669 1221 0.452 1066 0.660 1227 0.450 1068 0.656 1230 0.449 1071 0.687 1209 0.445 1071 0.687 1209 0.445 1071 0.687 1209 0.445 1071 0.685 1203 0.449 1071 0.685 1203 0.449 1071 0.686 1220 0.449 1071 0.687 1209 0.445 1071 0.687 1209 0.445 1071 0.687 1209 0.445 1071 0.687 1209 0.448 1071 0.687 1209 0.448 1071 0.687 1209 0.448 1071 0.687 1209 0.448		0.839	1119	0.582		
963			1122	0.578		
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989 0.758 1161 0.521 1002 0.752 1164 0.517 1005 0.747 1167 0.512 1008 0.743 1170 0.508 1011 0.739 1173 0.504 1014 0.734 1176 0.499 1017 0.730 1179 0.495 1020 0.726 1182 0.490 1023 0.721 1185 0.486 1026 0.717 1188 0.482 1029 0.713 1191 0.477 1032 0.708 1194 0.473 1035 0.704 1197 0.469 1038 0.700 1200 0.464 1041 0.695 1203 0.460 1041 0.695 1203 0.460 1044 0.691 1206 0.457 1047 0.687 1209 0.455 1050 0.682 1212 0.454 1053 0.578 1215 0.453 1056 0.574 1218 0.453 1059 0.669 1221 0.452 1062 0.685 1224 0.451 1065 0.660 1227 0.450 1068 0.656 1230 0.449 1071 0.652 1233 0.448 1074 0.647 1236 0.447 1077 0.643 1239 0.447				0.525		
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1044		0.695	1203	0.460		
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1056			1215	0.453		
1059		0.674	1218	0.453		
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1068			1227	0.450		
1071 0.652 1233 0.448 1074 0.647 1236 0.447 1077 0.643 1239 0.447			1230	0.449		
1074 0.647 1236 0.447 1077 0.643 1239 0.447						
1077 0.643 1239 0.447						
	1080	0.639	1242	0.446		

Hydraflow Hydrographs by Intelisoive v9:2

Friday, Sep 9, 2016

Hyd. No. 4

Pr thru Rev Basin

Hydrograph type Storm frequency Time interval

= Reservoir 25 yrs = 3 min

= 3 - Proposed to Revise Basin

Inflow hyd. No. Max. Elevation = 565.66 ft

= 23.07 cfs Peak discharge Time to peak Hyd. volume Reservoir name

Max. Storage

= 723 min = 144,860 cuft = Revised Basin = 29,027 cuft

Storage Indication method used.

Hydrograph Discharge Table

Printed values <= 1,00% of Op 1

Time	Inflow	Elevation	CIV A	CIV B	CIV C	PfRsr	Wr A	Wr B	Wr C	Wr D	ExfII	Outflow
(min)	cfs	ft	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs
375	0.277	562.07	0.242	0.231	05555			Tracks (1,000,000		-	0.231
378	0.282	562.07	0.246	0.235		- District	FOUR	and the	GUUL .	*****		0.235
381	0.287	562.08	0.251	0.240					*****	*****	-	0.240
384	0.291	562.08	0.255	0.245	100	777						0.245
387	0.296	562.08	0.280	0.249	******	****		*****		*****	(*****	0.249
390	0.301	562.08	0.264	0.254	2011	2000	*****		2000			0.254
393	0.308	562.09	0.289	0.258	****	****		****	****	*****	H-1-1-	0.258
396	0.311	582.09	0.274	0,263	-	-		****		****	****	0.263
399	0.318	562.09	0.278	0.268	*****	*****	-	*****		-225	-	0.268
402	0,321	562.10	0.283	0.273	-	******	65155	Canther:			*****	0.272
405	0.328	562.10	0.287	0.277	-	0.000	****	****	55555			0.277
408	0.330	562.10	0.293	0.283		-	-	*****	******	*****	BEAGE	0.283
411	0.335	562.10	0.299	0.289	****	2000	****	3202		PRESERVE.	55555	0.289
414	0.340	562,11	0.305	0.295	*****				75575		****	0.295
417	0.345	562.11	0.310	0.301		*****		Designation of the state of the	- CELLOS	*****	2222	0.301
420	0.350	562.11	0.316	0.307		-	52557 W	-	-	1000	1000	0.307
423	0.355	562.11	0.322	0.313			-	1	40000		1,000	0.313
426	0.360	562.12	0.327	0.319		-	200000	10000	2000	-	40.00	0.319
429	0.385	562,12	0.332	0.324		2000	-			54440		0.324
432	0.370	562 12	0.338	0.330			-	Beenle .	*****	*****	Complete St.	0.330
435	0.375	562 12	0.343	0.335			deeper .		2000	1000		0.335
438	0.380	562.13	0.348	0.340		1000000	-	2000	-			0.341
441	0.385	562.13	0.353	0.348	22000	1740000		Service.				0.346
444	0.390	562.13	0.358	0.351		10000		-			3-83-64	0.351
447	0.395	562.13	0.363	0.356	The same	and the second	-	100 mg	****	-		0.356
450	0.400	562.14	0.368	0.361	21/22/20	-		52252		-	***	0.362
453	0.405	562.14	0.373	0.387							-	0.367
456	0.410	562 14	0.378	0.372	-ine				******	The same	201023	0.372
459	0.415	562.14	0.383	0.377	*****			-	****	10000	*****	0.377
462	0.420	562.15	0.388	0.382		*****		*****		*****		0.382
465	0.425	562.15	0.393	0.387		*****	-wiete	ABB 88	27707			0.387
468	0.430	562.15	0.397	0.392					2000			0.392
471	0.435	562.15	0.402	0.397	*****	953500	2.500000			7777	*****	0.397
474	0.440	562.15	0.407	0.402	(************************************	*****	20000			***		0.402
477	0.445	562.16	0.412	0.408	1-7-0-7-11 1-7-0-7-11	*****	/ CESHO /	77.000	****		-	0.408
480	0.450	562.16	0.417	0.413	-2006	VI.		Children	-1170-	2,6300		0.413
483	0.456	562.16	0.422	0.418			******		-	12000		0.418
486	0.464	562.16	0.427	0.423	30000			200.00		55000		0.423
489	0.464	562.17	0.432	0.429			-	1701000			100000	0.429
492	0.475	562.17	0.432		A promise	4000-01			140000			0.436
495	0.502	562.17	0.446					-2000			(41444)	0.443

Continues on next page...

Time (min)	Inflow cfs	Elevation ft	CIv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C	Wr D cfs	Exfil cfs	Outflow cfs
498	0.516	562.18	0.454	0.452		****	3000	****				0.452
501	0.530	562.18	0.463	0.461	(4000)	****		****	-	*****		0.461
504	0.544	562.18	0.472	0.470	0.000		*****		Settler:	****		0.470
507	0.559	562.19	0.482	0.481	*****	*****	*****			*****		0.481
510	0.573	562.19	0.492	0.492	****	5 600000 0	(· · · · · ·	30000	-		31117	0.492
513	0.588	562.20	0.503	0.503	CARROWS.		(*****		20077		T. T. T. T. T.	0.503
516	0.603	562.20	0.518	0.517	Service:	3 00000 0			*****		STATES.	0.517
519	0.618	562.21	0.534	0.531	CHARRY.				******	*****		0.531
522	0.633	562.21	0.550	0.545				1107.10 7	*****	*****		0.545
525	0.648	562.22	0.566	0.560			*****		CONTROL		*****	0.560
528	0.664	562.23	0.582	0.574			-					0.574
531	0.680	562.23	0,598	0.589			-		*****		-	0.589
534	0.695	562.24	0,515	0.604	22205	27722		*****		44 (47 10 48 48		0.604
537	0.711	562.24	0.631	0.619	20225	CARCO I	-	40000		111111	and the	0.619
540	0.727	562.25	0.648	0.634	STERE			200	Heren		-	0.634
543	0.742	562,25	0.665	0.649	*****				411	-		0,649
546	0.754	562.26	0.682	0.664	2000			-Daniel	-	(0 may 15 (6)		0.664
549	0.761	562.26	0.697	0.678	1000			****	****	****		0.678
552	0.767	562.27	0.712	0.691		*****	2000		*****	*****	5.444	0.691
555	0.771	562.27	0.725	0.703		****	*****				00000	0.703
558	0.775	582.28	0.737	0.714	99999	****	****			*****	Central	0.714
581	0.779	562.28	0.747	0.723	22202)++>(0)	*****	*****			0.723
564	0.783	562,28	0.757	0.732			*****	Time		35000	(10/10/m)	0.732
567	0.788	562.29	0.766	0.740		*****	****	35553	11,100,000	555500		0.740
570	0.792	562.29	0,775	0.748	100 to 10	****	5-000.00	*****	5.57.55	-	7.7774	0.748
573	0.797	562.29	0.782	0.755	**		25572	*****	*****	*****	10000	0.755
576	0.809	562.29	0.790	0.762	****				55030	-2-1-1-1	100000	0.762
579	0.828	562.30	0.800	0.771		*****	3000	P	55555	(53575)		0.771
582	0.851	562.30	0.812	0.782		3 311.5 4	45545	70000	555	****	111111111111111111111111111111111111111	0.782
585	0.875	562.31	0.826	0.797	A 255 A 2	NAME OF	370=	-	****	Title		0.797
588	0.900	562.31	0.842	0.813	A STUBER	*****	*****		2000			0.813
591	0.925	562.32	0.860	0.831		*****		Vinite.			*****	0.831
594	0.950	562.32	0.879	0.850	•	*****		-7755	-			0.850
597	0.975	562.33	0.899	0.871				*****	***			0.871
600	1.001	562.34	0.919	0.892	and the same			*****	*****	*****	**************************************	0.892
803	1.027	562.34	0.941	0.914		h		*****				0.914
606	1.057	562.35	0.964	0.937	****	****	2000	-	****		200	0.937
609	1.091	562.36	0.988	0.962	*****) 2012	 		******		*****	0.962
612	1,128	562.36	1.014	0.989	++++	***	-		***	****	*****	0.989
615	1,165	562,37	1.042	1.017		*****	*****	****	*****		***	1.017
618	1.203	562.38	1.072	1.047	-	*****	*****	*****	*****	*****		1.047
321	1.241	562.39	1.102	1.079		****		-	*****	****	*****	1.079
624	1.279	562.40	1.136	1.112		*****	*****			OSM555	130000	1,112
627	1.318	562.41	1.177	1.147			*****			S.555(8)	-	1,147
630	1.357	562.42	1,219	1,183			-5-7-7-7	100.00	-	575370-		1,183
633	1.399	552,43	1,262	1.220	9555	11 (12,11,1		1 10000	*****			1.220
636	1,447	562,44	1,307	1.258	12000	******	55785		******	10.00		1.258 1.299
639	1.504	562.46	1.354	1.299		711777	ATTACK.		7117	COPPER.	•	
642	1.565	562 47	1.406	1.343	/ 53333	200,00					See to	1.344
645	1.628	562.48	1.462	1.391	SHEET.	****	2444	THE SECTION ASSESSMENT		4660	22.00	1.391
648	1.692	562.50	1.521	1.442			*****		20002	2222	1200000 v	1,442
651	1.757	562.51	1.572	1,501	-	arvane,	-unit-	Calmina			Description (1.501 1.562
654	1.822	562.53	1.621	1.562		and the same	CONTRACT	5-1010	- The same	*****	*****	1.824
657	1.888	562.54	1.671	1,624	12222		passe.	*****	***	****		1.024

Time (min)	Inflow cfs	Elevation ft	CIV A cfs	Clv B cfs	Cly C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C	Wr D cfs	Exfil cfs	Outflow cfs
660	1,955	562,56	1,722	1.687	****	*****	****			7000	-	1.687
863	2.030	582.58	1.774	1.751	****	*****		*****	3000		*****	1.751
666	2.130	582.59	1.830	1.821	(++++++	****		*****	-34585-	*****	4,770	1.821
669	2.258	562.62	1.897	1.892	0.000	*****		****	****	*****	-50000 P	1.892
672	2.404	562.64	1.977	1.973	****	****		*****	entre:	*****		1 973
675	2.557	562.67	2.069	2.067	(10000)	*****	-		37777	7.77.75	2000	2.067
678	2.712	562.70	2,173	2.172	-		******	#####		57975		2.172
681	2.869	562.73	2.334	2.294				*****	*****			2.294
684	3.027	562.77	2.507	2.423	*****	******	*****	2222	100000	-	-1000	2.423
687	3.187	562.81	2.877	2.557	*****	-	*****		****	****		2.557
690	3.348	562.84	2.779	2.692	****				*****		2000	2.692
693	3.860	562.89	2.910	2.865				*****	*****	200	2000	2.865
696	5.427	563.00	3.186	3.077					712	-		3,077
699	8.199	563.07	3.301	3.264			-		VACE -	120044		3.264
702	11.75	563.21	3.640	3.516	77777				-	11.1573		3.516
705	15.65	563.41	3.946	3.938			45500	-		1000	****	3.938
708	20.35	563.69	4.550	4,413	1000	1500		-		*****	****	4.413
711	27.29	564.07	5.184	5.031	24860	10000	2.7	*****	*****	2000		5.031
714	36.79	564.52	8 438	5.129	3,194	*****		-		****	******	8.323
717	44.25 <<		15.51	4.308	11.11	-		*****	****		*****	15,42
720	41,21	565.42	20.57	3.317	17.25				HARAGE.		(I KTHE :	20.56
723	28.24	585.62 <<	23.08	3.722	19.35		-	(*************************************		-		23.07 55
726	15.29	565.60	22.86	3.687	19.17			100000	****		(2000)	22.86
729	8.174	565.44	20.89	3.369	17.51		*****			****	*****	20.88
732	6.088	565.25	18.41	3.439	14.97	****			****	*****	D	18.41
735	5.689	565.07	16.08	4,195	11.84			****	****			16.03
738	5.300	564.91	13.64	4.618	8.975	****	***	*****	*****			13.59
741	4.910	564.78	11.74	4.843	6.774			27777				11.62
744	4.519	564.67	10.27	4.983	5,130	20202		FEEEE.	77777	****		10.11
747	4.127	564.57	9.053	5.088	3.860	1 55550	25255			1000	2.50	8.947
750	3.734	564.49	8.107	5.151	2.847	- Harris			22022		5000	7.998
753	3.372	564.42	7.273	5.206	2.044	7****	5.50	200		100	****	7.250
756	3.100	564,35	6,619	5.215	1.404	****		*****	2000			6.619
759	2.930	564.29	6,092	5.208	0.874		-100	****			***	6.082
762	2.821	564.24	5.803	5.196	0.512	444.44		*****	-	*****	*****	5.707
765	2.731	564.19	5.555	5.176	0.219	hann's		2000	*****		-	5.395
768	2.642	564.14	5.392	5,126	0.106	*****		*****	*****	*****		5.232
771	2.552	564.10	5.236	5.077	5111	Marines.	*****	No.				5.077
774	2.463	564.05	5.158	5.007	*****	3,2424	22022	·	****	****		5.007
777	2.373	564.01	5.080	4.938			****	4444	****	****	30.000	4.938
780	2.284	563.96	4,994	4.857	****		****		*****	****		4.857
783	2.198	583.90	4.905	4.773	3666		*****	*****	****	*****		4.773
786	2.125	563.85	4.818	4.688		*****	****	*****	****	-	****	4.688
789	2.066	563.80	4.731	4.602			****		3,5000	****	*****	4.602
792	2.015	563.75	4.647	4.515		****		-	-	*****		4.515
795	1.966	563,70	4.564	4.429	*****	-						4.429
798	1.918	563.65	4.484	4.340	*****			******	******	PARTIES.		4.340
801	1.870	563.60	4.405	4.253			******		-	-		4.253
804	1.821	563.55	4.252	4.173		*****			****			4.173
807	1.773	563.50	4.102	4.095		12017		*****				4.095
810	1.725	563.46	4.022	4.018		FFOTT		A Contract.	2200	Children	2000	4.018
813	1,678	563.41	3.950	3.942	-			nalive.	C. C. C.			3,942
816	1,635	563.37	3.880	3.854	-	SHARK	1	12.75	2000		****	3.654
819	1,596	563.32	3.812	3.783		-	32002	*****	****	20000		3.783

Time (min)	Inflow cfs	Elevation ft	CIV A	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A	Wr B	Wr C	Wr D	ExfII cfs	Outflow cfs
822	1.561	563.28	3.747	3.672	30000	****				*****		3.672
825	1.526	563.24	3.684	3.580			Entries.	****	*****	77777		3,580
828	1.492	563.19	3.614	3,493		-	****	*****		2222	255777	3,493
831	1.457	563.15	3.497	3.424	Connection .				-	77575		3.424
834	1,422	563 11	3.382	3.356	****	*****		2222			-	3,356
837	1.388	563.08	3.305	3.272	20000		A THE STATE OF	ALALE STATE	2000		2000	3.272
840	1.353	563.04	3.252	3.179		200000	1 THE STATE OF		-	2007		3,179
843		563.00	3.201	3.090								3,090
10111111111111111111	1,321		2.932	2.890	B-11-11		11000				1000	2.890
846	1,295	562.90		Committee of the Commit	0.000	1	1	The A				2.589
849	1.277	562.81	2.701	2.589			OUT C	Comments in				2.331
852	1,263	562.74	2.384	2.331	1230	-						2.123
855	1 251	562.68	2.124	2.123		•	*****					1.961
858	1.239	562.64	1,964	1,961			-	and the second self.			****	
861	1.227	562.60	1.833	1.824				TAILUR.			*****	1.824
884	1.215	562,56	1,730	1.697		22.22	-	1000				1,697
867	1,203	562.54	1.647	1.594				*****			Carrie	1.594
870	1.191	562.52	1.579	1,510	-		H	*****		*****		1.510
873	1,179	562 50	1.521	1,442		=24009	22230		-	*****	21010	1.442
876	1.167	562.48	1.462	1,391			*****	****	16444	****	-	1.391
879	1.155	562.47	1.411	1.348	20200	(FALLE)	-		Central	*****		1,310
882	1.143	562,46	1.367	1.310	HANNE	*****		*****	CERTE		(48668)	1,277
885	1.130	562,45 562,44	1.329	1.277	21000		****	32X49X3		2000	5.70365;	1.249
888	1.118	562.43	1.265	1.223	*****	- 10.000		SHEET .	100000	37500C	- TETRES	1.223
891	1.106	562.43	1.238	1.200	55555	30000	585657	9000000		(TTTTT)		1.200
894 897	1.082	562.42	1.214	1,179	ACRES OF THE PARTY	300000						1,179
900	1.070	562.42	1.191	1.159		ENNIE:		(50005)			7	1.159
903	1.058	562.41	1.170	1 141	78974	- Anne			were:	900	40000	1.141
906	1.038	562.41	1.150	1 124				-	22122	10.000	CLL	1.124
909	1.033	562.40	1.132	1,108	THAT		70.707.00		22520			1.108
912	1.021	562.40	1.117	1.093	2000			2			****	1.094
915	1.009	562.39	1.103	1.079		V-27	00000	2.00		225.02	27000	1.079
918	0.997	562.39	1,089	1,066	V.177	*****			2000	1000	-	1.066
921	0.985	562.38	1,076	1.052	-	520/25	400000	-		*****		1.052
924	0.973	562.38	1.063	1.039		and the same	-	20000	000000			1.039
927	0.961	562.38	1.050	1.026	5000	10000	CONTRACT OF THE PARTY OF THE PA	*****	Wedan			1,026
930	0.948	562.37	1,038	1.013		Calland		*****	-		*****	1.013
933	0.936	562.37	1,025	1.000) 349440	****					*****	1.000
936	0.924	562.36	1.013	0.987	****	-		44644	**************************************	-	****	0.987
939	0.912	562.36	1.001	0.975		****	*****			*****	*****	0.975
942	0.900	562.36	0.988	0.962	****	****	-	-	300000		55855	0,962
945	0.888	562.35	0.976	0.950	-	(Andrea	(Accessed to	O riental	-	9 8668 2	****	0,950
948	0.875	562.35	0.964	0.938	Description .	Name and	-29/1825	****	-	-5000-		0.938
951	0.863	562.35	0.952	0.925	-	-	*****			· PARTE		0.925
954	0.851	562.34	0.940	0.913	*****	****				******	-	0.913
957	0.839	562.34	0.928	0.901						bear.		0.901
960	0.827	562.33	0.916	0.888				-	*****	*****		0.888
963	0.815	562.33	0.904	0.876		****	****		*****			0.876
966	0.806	562,33	0.892	0.864	*****		•==#•		*****			0.864
969	0.800	562.32	0.881	0.853				-				0.853
972	0.795	562.32	0.872	0.843			200	1,000,000		-		0.843
975	0.791	562,32	0.863	0.834		44.4	1	Inches of	-		*****	0.834
978	0.786	562,32	0.855	0.826					*****	(200 to 100 to 1		0.826
981	0.782	562.31	0.847	0.818	*****	****	****		****	****	*****	0.818

984 0.778 562.31 0.840 0.811 0.831 987 0.795 562.31 0.828 0.799 0.799 993 0.795 562.31 0.823 0.783 0.783 996 0.760 562.30 0.817 0.782 0.782 999 0.756 562.30 0.817 0.782 0.762 1002 0.752 562.30 0.807 0.777 0.777 1005 0.747 562.30 0.802 0.773 0.777 1008 0.743 562.30 0.808 0.783 0.778 1010 0.739 562.30 0.780 0.786 0.778 1011 0.739 562.30 0.786 0.786 0.786 1011 0.735 562.39 0.786 0.766 0.786 1024 0.726 562.29 0.779 0.752 0.756 0.756 1023 0.721 562.29 0.779 0.752 0.756<	Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
990 0.766 552.31 0.828 0.759 0.769 0.769 0.760 0.760 0.760 0.760 0.823 0.783 0.783 0.760 0.760 0.760 0.823 0.783 0.773 0.777 0.055 0.747 0.62.30 0.802 0.773 0.773 0.777 0.773 0.773 0.773 0.773 0.773 0.773 0.784 0.784 0.784 0.784 0.784 0.784 0.784 0.784 0.784 0.784 0.784 0.784 0.784 0.784 0.784 0.785 0.784 0.785 0.785 0.784 0.785 0.785 0.784 0.785 0.785 0.785 0.784 0.785	984	0.778	562.31	0.840	0.811	(*****	30000 0	*****		*****	50000		
990 0.769 562.31 0.828 0.789	987	0.773	562.31	0.834	0.805		*****		****	-	***		
996 0.765 562_31 0.823 0.783				0.828	0.799	*****	-	0.000000	****	****			0.799
696 0.760 \$62,30 0.817 0.787				0.823	0.793		-		****	*****			0.793
999 0.786 582.30 0.812 0.782						5 	****	44	*****	*****	*****		0.787
1005						PRESE		Burne,		STREET,	-		0.782
1008				Control of the Contro	THE PERSON NAMED IN COLUMN TWO					-	-		0.777
1008				Control of the Control of the	Compared to the compared to the			lerme:	*****	*****			0.773
1011		The second second						Terrer.		-		*****	0.768
1014	and the second second												0.764
1017					the first of the second of the second					*****		V2	0.760
1020				\$1.5 miles (100 per					*****	0000		4	0.756
1028										-	-		
1028 0.713 562.29 0.765 0.739 0.733 1032 0.708 562.28 0.760 0.735 0.735 1035 0.704 562.28 0.750 0.735 0.735 1036 0.700 562.28 0.750 0.726 0.726 1041 0.695 562.28 0.746 0.722 0.722 1044 0.691 562.28 0.741 0.717 0.717 1047 0.687 562.28 0.736 0.713 0.713 1050 0.682 562.28 0.731 0.704 0.704 1053 0.678 562.27 0.726 0.704 0.704 1056 0.678 562.27 0.722 0.700 0.709 1053 0.678 562.27 0.722 0.700 0.704 1056 0.678 562.27 0.712 0.694 0.694 1062 0.685 562.27 0.717 0.687 0.687								-	-	100000			
1029					A ST. CO. LANSING MICH.					0000			
1032				500 Y Television (100 Per 100									
1035 0.704 582.28 0.755 0.730 0.730 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.726 0.722 0.44 0.891 562.28 0.741 0.717 0.717 0.47 0.687 562.28 0.736 0.713 0.713 0.719 0.719 0.709 0.709 0.709 0.709 0.709 0.709 0.709 0.709 0.709 0.709 0.709 0.709 0.709 0.709 0.700 0.700 0.704 0.705 0.685 0.685 562.27 0.712 0.691 0.695 0.695 562.27 0.707 0.687 0.687 0.687 0.687 0.681 0.652 562.28 0.697 0.678 0.683 0.704 0.683 0.704 0												CONTRACTOR	
1038													
1041													
1044 0.691 562.28 0.741 0.717 0.713 0.713 1050 0.682 562.28 0.736 0.713 0.709 0.709 1053 0.678 562.27 0.726 0.704 0.704 0.704 1056 0.674 562.27 0.722 0.700 0.700 0.700 1059 0.669 562.27 0.712 0.691 0.691 0.691 1062 0.665 562.27 0.712 0.691 0.691 0.691 1065 0.680 562.27 0.707 0.687 0.687 0.687 1068 0.656 562.27 0.702 0.683 0.683 0.683 1071 0.652 562.28 0.697 0.678 0.678 0.674 1071 0.652 562.28 0.697 0.678 0.674 0.674 1077 0.643 562.26 0.688 0.679 0.672 0.672 1077 0.644 <t< td=""><td></td><td></td><td>Company of the Company of the Compan</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>			Company of the Compan										
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1088 0.656 562.27 0.702 0.683												THE R. P. LEWIS CO., LANSING, Land	
1071 0.652 562.28 0.697 0.678													
1074 0.647 562.26 0.693 0.674													
1077 0.643 562.26 0.688 0.670						A DECEMBER							
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1098 0.613 562.25 0.654 0.639					7.30				****	*****			
1101 0.608 562.25 0.649 0.635		200						Service .	*****	******			
1104 0.604 562.25 0.644 0.631								******	*****	****			
1107 0.600 562.24 0.640 0.626							****	*****	15.500	****	6.44.44		
1110 0.595 562.24 0.635 0.622									10000		****	*****	
1113 0.591 562.24 0.630 0.617							*****	****	(1)/// ()	****	(*************************************	****	
1116 0.586 562.24 0.625 0.513								****	- 500.000	****	4.44.4		
1119 0.582 562.24 0.620 0.509							5,550		A-3-3-5	****	P-9-4-4	10.00	
1122 0.578 562.24 0.615 0.804 0.604 1125 0.573 582.23 0.611 0.800 0.800 1128 0.589 562.23 0.606 0.596 0.596 1131 0.565 562.23 0.601 0.591 0.591 1134 0.580 582.23 0.596 0.587 0.587 1137 0.556 562.23 0.591 0.583 0.578 1140 0.552 562.23 0.586 0.578 0.578							0.0.0.00			1000	-	-	
1125 0.573 562.23 0.611 0.600						3-8655=	**************************************	-	17777	*****	-	ATTENDED IN	
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1128	1125	0.573					10071			1011110	CT555	*****	
1134 0.560 562.23 0.596 0.587 0.587 1137 0.556 562.23 0.591 0.583 0.583 1140 0.552 562.23 0.586 0.578 0.578						*****				2000	*****	•	
1137 0.558 562.23 0.591 0.583 0.583 1140 0.552 562.23 0.586 0.578 0.578								*****					
1137 0.558 562.23 0.591 0.583 0.583 1140 0.552 562.23 0.586 0.578 0.578							CENTER	-	****	-		4.00	
1140 0.552 562.23 0.586 0.578 0.578				0.591	0.583	-	****	CHARLE.	200			-	
				0.586					20000		****		
				0.582	0.574	Correct Control	1						0.574

1,744	**************************************	1988										
Time (min)	Inflow cfs	Elevation ft	CIV A	CIv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B	Wr C	Wr D cfs	Exfil ofs	Outflow
1146	0.543	582.22	0.577	0.569	*****	544490		****	****	****	35552	0.569
1149	0.538	562.22	0.572	0.585		20000	0.000	*****	(annual)	2000	3 130 =	0.665
1152	0.534	562.22	0.587	0.581	Carrent .		*****	*****				0.561
1155	0.530	562.22	0.562	0.556	District.	+++++	****	-	C +04-000-00		*****	0.556
			0.557	0.552			Carron			*****		0,552
1158	0.525	582.22				*****		-5-5-50	1500000		23332	0.548
1161	0.521	562.22	0.552	0.548	*****	*****	Ostalia.		(384)	CANAD I		0.543
1164	0.517	562.21	0.548	0.543		45000	*****			1.000		0.539
1167	0.512	582.21	0.543	0.539	-	-11105-0	-5000	7				0.535
1170	0.508	562.21	0.538	0.535	212.20.02		*****	77.777		-3550		
1173	0.504	562.21	0.533	0.530	0/05/05/	55077.0	******		Name:	*****	•	0.530
1176	0.499	562.21	0.528	0.526	*****	*****		21.515	-	*****	-	0.526
1179	0.495	562.21	0.523	0.522	****		22755	-		•===5		0.521
1182	0.490	562.20	0.518	0.517	*****			*****		*****		0.517
1185	0.486	562.20	0.514	0.513	*****	-50072	35325	(52555)	127.000	****	- Trees	0.513
1188	0.482	562.20	0.509	0.508			TTETE	CENTRE!			20014	0.508
1191	0.477	562.20	0.504	0.504	-	****		*****		1000	10000	0.504
1194	0.473	562.20	0.501	0.501		4-11-				H-F-F-	Desc # 2.5	0.500
1197	0.489	562.20	0.497	0.497	7.77	- Lulia					A-1784	0.497
1200	0.464	562.19	0.493	0.493	-700-	100	14754		****			0.493
1203	0.460	582.19	0.490	0.489	77477	*****	HARRY.	2222				0,489
1206	0.457	562.19	0.486	0.485			standards Total	10000				0.485
	0.455	562.19	0.483	0.481		333334	******	33232	20000			0.481
1209	0.454	562.19	0.479	0.478		-	2000					0.478
1212				0.475								0.475
1215	0.453	562.19	0.476		5 464.00			*****			55555	0.472
1218	0.453	562.19	0.474	0.472		*****	****	*****		2000	*****	0.470
1221	0.452	562.18	0.471	0.470		*****		25500	36 to 16 on the	-		
1224	0.451	562.18	0.469	0.467	*****		*****	150000			******	0.467
1227	0.450	562.18	0.467	0.465	******	41,11		*****		55000		0.485
1230	0.449	582 18	0.465	0.463	*****	****	*****	7,111	V., V. (-1	10000	5000	0.463
1233	0.448	562.18	0.463	0.461	*******		-170-17 A	V-22557	C. C. C.	7077		0.461
1236	0.447	562.18	0.462	0.460	100000)	0.4000	375455		*****	00000	0.460
1239	0.447	562.18	0.480	0.458	177777	4,750,75						0.458
1242	0.446	562.18	0.459	0.456			•	*****		221112	*****	0.456
1245	0.445	562,18	0.457	0.455	•====		-1122	-		40444	*****	0,455
1248	0.444	562 18	0.456	0.454	-114			b++++	-	-	***	0.454
1251	0.443	562 18	0.455	0.452		****		-		*****	****	0.452
1254	0.442	562,18	0.454	0.451	*****		-	-	*****	****	****	0.451
1257	0.441	562,18	0.453	0.450	-		2000	£ 100 mm		2000		0.450
1260	0.440	562.17	0.451	0.449	****	****	2002	- 200-00		*****	584	0.449
1263	0.440	562,17	0.450	0.448	*****		****	Parket.	****	-	***	0.448
1266	0,439	562,17	0.449	0.447		****	-	100000		*****	3-3-10	0.447
1269	0.438	562,17	0.448	0.446		24328	-460mm	****	erre)	(******	*****	0.446
1272	0.437	562.17	0.447	0.444				-	****	-	2000000	0.444
1275	0.436	562.17	0.446	0.444				endere.	Termina (****	0.443
				0.442	(211/11) (0.442
1278	0.435	562.17	0.445		-		******		Name of	(m//m/c)	A. H. S. S. C.	0,441
1281	0.434	562.17	0.444	0.441	****	-		45585	3-1-12		535555	0.441
1284	0.434	562.17	0.443	0.440	160000	0.000			12000			
1287	0,433	562.17	0.443	0.440	-	22222	55575	2000			7	0.440
1290	0,432	562.17	0.442	0.439	1-11125E			******		MITATO.		0.439
1293	0.431	562,17	0.441	0.438	*****	*****		55000	7,117,12	20020	*****	0.438
1296	0.430	562.17	0.440	0.437	****		7,000	100	1000	HILLS.	-	0.437
1299	0.429	562.17	0.439	0,436	57000		3 College	354==		****		0.436
1302	0.428	562 17	0.438	0.435		-			-0.70-			0.435
1305	0.427	562.17	0.437	0.434		the same	- Marian	7.7			****	0.434

Time (min)	Inflow	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1308	0.427	562,17	0,436	0.433			94650	*****				0.433
1311	0.426	582.17	0.436	0.432			****	*****	-	*****	-5777-5	0.432
1314	0.425	562.17	0.435	0.431	0.111.7	****					200.00	0.431
1317	0.424	562.17	0.434	0.430		****		****	17117			0.430
1320	0.423	562.17	0.433	0.430	****	*****			*****		5000	0.430
1323	0.422	562:17	0.432	0.429	L Beauty	*****	PHEE				-	0.429
1326	0.421	582.17	0.431	0.428			*****	TEETE /	NACTOR .	+0	2000	0.428
1329	0.420	562,17	0.430	0.427		******	CTURY,			*****		0,427
1332	0.420	562.16	0.430	0.426		******	C010-		****		Caldana.	0.426
1335	0.419	562.16	0.429	0.425	FR.00.5	*****			****		4	0.425
1338	0.418	562.16	0.428	0.424					- Carrier	1100		0,424
1341	0.417	562.18	0.427	0,423	*******				THE P		-	0,423
1344	0.416	562.16	0.426	0.423	######################################		-	-		*****		0.423
1347	0.415	562.16	0.425	0.422	77777		****	PARTY OF	00000		Acces.	0.422
1350	0.414	562.16	0.425	0.421		-	11111	V255555V	1.20	1000		0.421
1353	0.414	562.16	0.424	0.420				2000	*****		-	0.420
1356	0.413	562.16	0.423	0.419	51420	2005		****	*****	(Control		0.419
1359	0.412	562.16	0.422	0.418	1000	****	*****		2000		(*************************************	0.418
1362	0.411	562.18	0.421	0.417	2222	200	****	****	****		****	0.417
1365	0.410	562.16	0.420	0.416				+444+			*****	0.416
1368	0,409	562.18	0.420	0.416	***	****			*****		******	0.416
1371	0.408	562.16	0.419	0.415	3824		-	-	****			0.415
1374	0.407	562.16	0.418	0.414		*****	****	30000	22755	***		0.414
1377	0.407	562.16	0.417	0.413		(21111)	****		14 14 14 14 14 14 14 14 14 14 14 14 14 1			0.413
1380	0.406	562.16	0,416	0.412	***	*******	-	****	****	*****	22777	0.412
1383	0.405	562,16	0.415	0.411			*****	*****		(2000)	****	0.411
1386	0.404	562,16	0.415	0.410			*****	10000	-	50000	15000	0.410
1389	0.403	562,16	0.414	0.409		*****	75555		2000	-		0.409
1392	0.402	562.16	0.413	0.409			COC. 12			Sur.	-	0.409
1395	0.401	562.16	0.412	0.408	22222	-			100		0.7975	0.408
1398	0.400	562.16	0.411	0.407				1000	2000	1000	100000	0.407
1401	0.400	562,16	0.411	0.406		1997		-		****	****	0,406
1404	0.399	562 18	0.410	0.405			****	-	-	*****	*****	0,405
1407	0.398	562.16	0.409	0.404		1	*****			-		0.404
1410	0.397	562,15	0.408	0.403			-	-	HARRY)			0.403
1413	0.396	562,15	0.407	0,403		-	-	****			*****	0.403
1416	0.395	582,15	0.406	0.402	3	*****	*****		*****	-		0.402
1419	0.394	562.15	0.406	0.401	-	1000	(4)(min))	-) ((******)		0.401
1422	0.394	562,15	0.405	0.400			****	[a]((a)(a)(a)(a)(a)(a)(a)(a)(a)(a)(a)(a)(a)		(4 33.55)	*****	0.400
1425	0.393	562.15	0.404	0.399			****		*****	(11101)	*****	0.399
1428	0.392	562.15	0.403	0.398			****	*****	-	Second	****	0.398
1431	0.391	562.15	0.402	0.397	****	****		*****	-	NAME OF	*****	0.397
1434	0.390	562.15	0.401	0.396		****		55555	***	****	******	0.396
1437	0.389	562.15	0.401	0.396		****	tests.	-	*****	*****		0.396
1440	0.388	562.15	0.400	0.395	-		-	55555		*****		0.395
1443	0.310	562,15	0.394	0.389		5555C			2000			0.389
1446	0.155	562.14	0.375	0.369	*****		27555			1150	•===	0.369
1449	0.052	562,12	0.343	0.335	-	75000	420000	7,777.7		11000	*****	0.335
1452	0.000	562.11	0,305	0.296	******	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		717-1-12	*****			0.296
1455	0.000	562.09	0.274	0.264	3000			100000				0,264
1458	0.000	562.07	0.250	0.239	- MARCO	DOD.	-	*****		2000		0,239

...End

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
1	SCS Runoff	35.79	3	720	97 684	****	-		Existing to NW (Mason Report)
2	SCS Runoff	53.10	3	717	135,157	2025	C	A part of	Proposed (Mason Report)
3	SCS Runoff	58.72	3	717	144,854		17778	A CONTROL	Proposed to Revise Basin
4	Reservoir	35.01	3	723	144,860	3	566.32	37,189	Pr thru Rev Básin
5	Reservoir	43.05	3	723	132,002	3	566.62	40,722	Pr. thr Rev Basin LFB
	-1230-HQ-S				pictory and the	Period: 10	EN V/2000	Friday, Se	

Hydrafiow Hydrographs by Intelisoive v9.2

Friday, Sep 2, 2015

Hyd. No. 1

Existing to NW (Mason Report)

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 3 min
Drainage area = 5.870 ac
Basin Slope = 2.7 %
Tc method = USER
Total precip. = 7.00 in
Storm duration = 24 hrs

Peak discharge = 35.79 cfs
Time to peak = 720 min
Hyd. volume = 97,684 cuft
Curve number = 79

Curve number = 79

Hydraulic length = 808 ft

Time of conc. (Tc) = 14.0 min

Distribution = Type II

Shape factor = 484

Hydrograph Discharge Table

Printed values #= 1.00% of Qp.

Time	Outflow	Time	Outflow	Time -	ne Outflow Time		Outflow		
(mln	cfs)	(min	cfs)	(min	cfs)	(min	cfs)		
	0.000	ARON an	* 200	200	0.007	070	1.249		
543	0.358	664	1.202	765 768	2.997 2.876	876 879	1.236		
546	0.359	657	1.258				1.224		
549	0.380	660	1.315	771	2,777	882 885			
552	0.388	663	1,375	774	2.686		1.211		
555	0,396	668	1,444	777	2.595	888	1,199		
558	0.403	889	1,528	780	2.504	891	1.187		
561	0.410	672	1,627	783	2.414	894	1.174		
564	0,416	675	1,739	786	2.329	897	1.161		
567	0.423	678	1.862	789	2.253	900	1.149		
570	0.429	681	1.993	792	2.187	903	1.136		
573	0.435	684	2.129	795	2.128	906	1.124		
576	0.444	687	2.269	798	2.074	909	1.111		
579	0.454	690	2.413	801	2.024	912	1.099		
582	0,467	693	2.677	804	1,974	915	1,086		
585	0.483	696	3,305	807	1 924	918	1.073		
588	0.500	699	4.560	810	1,875	921	1.061		
591	0.518	702	6.550	813	1.825	924	1.048		
594	0.537	705	9.204	816	1.778	927	1.035		
597	0.556	708	12.71	819	1.733	930	1.023		
800	0.576	711	17.55	822	1.692	933	1.010		
603	0.596	714	24.27	825	1.653	936	0.997		
606	0.618	717	31.52	828	1,616	939	0.985		
609	0.641	720	35.79 <<	831	1.580	942	0.972		
612	0.667	723	34.47	834	1.544	945	0.959		
615	0.694	726	28.37	837	1.508	948	0.946		
618	0.722	729	21.04	840	1.472	951	0.934		
621	0.752	732	14.55	843	1.437	954	0.921		
624	0.782	735	9.523	846	1.405	957	0.908		
627	0.814	738	6.612	849	1.378	960	0.895		
630	0.845	741	5.579	852	1.356	963	0.883		
633	0.878	744	5.184	855	1.338	966	0.872		
636	0.914	747	4.790	858	1.324	969	0.862		
639	0.954	750	4.393	861	1.311	972	0.854		
642	0.997	753	4.007	864	1.298	975	0.848		
645	1.045	756	3.658	867	1,286	978	0.842		
648	1.095	759	3.373	870	1.274	981	0.838		
651	1.148	762	3.158	873	1,261	984	0.833		
1.505	N. P. SANCETS	0.75	। जन १९५० हैं।	21/2	0.5245.0	7.54			

Time	Outflow	Time	Outflow	Time (Outflow
(min	cfs)	(min	cfs)	(min	cfs)
N PP-81		7.1 /rens/ress	0105800	75/25/55	20 (22)
987	0.829	1149	0.583	1311	0.459
980	0.824	1152	0.578	1314	0.458
993	0.820	1155	0.574	1317	0.457
998	0.815	1158	0.569	1320	0.456
999	0.811	1161	0.564	1323	0.455
1002	0.806	1164	0.580	1326	0.455
1005	0.802	1167	0.555	1329	0.454
1008	0.797	1170	0.551	1332	0.453
1011	0.793	1173	0.546	1335	0.452
1014	0.788	1176	0.541	1338	0.451
1017	0.784	1179	0.537	1341	0.450
1020	0.779	1182	0.532	1344	0.449
1023	0.775	1185	0.527	1347	0.448
1026	0.770	1188	0.523	1350	0.447
1029	0.766	1191	0.518	1353	0.446
1032	0.761	1194	0.513	1356	0.445
1035	0.757	1197	0.509	1359	0.445
1038	0.752	1200	0.504	1362	0.444
1041	0.748	1203	0.500	1365	0.443
1044	0.743	1206	0.496	1368	0.442
1047	0.739	1209	0.492	1371	0.441
1050	0.734	1212	0.490	1374	0.440
1053	0.730	1215	0.488	1377	0,439
1056	0.725	1218	0.487	1380	0.438
1059	0.720	1221	0.486	1383	0.437
1062	0.716	1224	0.485	1386	0.436
1085	0.711	1227	0.484	1389	0,435
1068	0.707	1230	0.483	1392	0,435
1071	0.702	1233	0.482	1395	0.434
1074	0.698	1236	0.481	1398	0.433
1077	0.693	1239	0.481	1401	0,432
1080	0.689	1242	0.480	1404	0.431
1083	0.684	1245	0.479	1407	0.430
1086	0.679	1248	0.478	1410	0.429
1089	0.675	1251	0.477	1413	0.428
1092	0.670	1254	0.476	1416	0.427
1092	0.666	1257	0.475	1419	0.426
1098	0.661	1260	0.474	1422	0.425
1101	0.657	1263	0.473	1425	0.425
1104	0.652	1266	0.473	1428	0.424
1107	0.647	1269	0.472	1431	0.423
1110	0.643	1272	0.471	1434	0.422
1113	0.638	1275	0.470	1437	0.421
		1278	0.469	1440	0.420
1116	0.634	1281	0.468	1443	0.384
1119	0.629	1284	0.466	1443	0.304
1122	0.624 0.620	1287	0.466	End	
1125			T - 17 T		
1128	0.615	1290	0.465		
1131	0.511	1293	0.464		
1134	0.606	1296			
1137	0.601	1299	0.463		
1140	0.597	1302	0.462		
1143	0.592	1305	0.461		
1146	0.588	1308	0.460		

Hydraflow Hydrographs by Intelisoive v9.2

Friday, Sep 9, 2016

Hyd. No. 2

Proposed (Mason Report)

= SCS Runoff Hydrograph type Storm frequency = 100 yrs Time interval = 3 min = 6.200 ac Drainage area Basin Slope = 2.7 % Tc method = USER Total precip. = 7.00 inStorm duration = 24 hrs

Peak discharge = 53.10 cfs
Time to peak = 717 min
Hyd. volume = 135,157 cuft

Curve number = 95
Hydraulic length = 808 ft
Time of conc. (Tc) = 6.0 min
Distribution = Type II
Shape factor = 484

Hydrograph Discharge Table

Printed values ** 1 00% of Co.

Time	Outflow	Time	Outflow	Time	Outflow	Time	Outflow
(min	cfs)	(min	cfs)	(min	cfs)	(min	cfs)
	~		1.73		21		11.21
369	0.533	480	0.736	591	1,327	702	14,84
372	0.538	483	0.742	594	1.359	705	19.58
375	0.544	486	0.753	597	1,391	708	25.20
378	0.549	489	0.768	600	1.423	711	33.42
381	0.555	492	0.786	603	1.456	714	44.55
384	0.561	495	0.806	606	1.494	717	53.10 <<
387	0.566	498	0.825	609	1.538	720	49.13
390	0.572	501	0.844	612	1.584	723	33.52
393	0.577	504	0.863	615	1.632	726	18.09
396	0.583	507	0.883	618	1.679	729	9,640
399	0.589	510	0.903	621	1.727	732	7.171
402	0.594	513	0.922	624	1.775	735	6.697
405	0.600	516	0.942	627	1,823	738	6.236
408	0.605	519	0.962	630	1.872	741	5.774
411	0.611	522	0.982	633	1.923	744	5.311
414	0.616	525	1.002	636	1.984	747	4.849
417	0.622	528	1.022	639	2.055	750	4,386
420	0.627	531	1.042	642	2.132	753	3.959
423	0.633	534	1,062	645	2.212	756	3.639
426	0.638	537	1.082	648	2.292	759	3,438
429	0.644	540	1.102	651	2.372	762	3,309
432	0.649	543	1.121	654	2.452	765	3.204
435	0.655	546	1.134	657	2.533	768	3.098
438	0.660	549	1.142	660	2.613	771	2.993
441	0.666	552	1.146	663	2,705	774	2.887
444	0.671	555	1.148	666	2.830	777	2.781
447	0.678	558	1,150	669	2.990	780	2.676
450	0.682	561	1,153	672	3.173	783	2.575
453	0.687	564	1.155	675	3.364	786	2.489
456	0.693	567	1.158	678	3.556	789	2.419
459	0.698	570	1.160	681	3.748	792	2,359
462	0.704	573	1,165	684	3.941	795	2.302
465	0,709	576	1,179	687	4.135	798	2.245
468	0.714	579	1.202	690	4.329	801	2.188
471	0.720	582	1.232	693	4.970	804	2.132
474	0.725	585	1.263	696	6.950	807	2.075
477	0.730	588	1.295	699	10.43	810	2.018
47.7	0.730	200	1,200	USS	10.70	9.19	2.010

Continues on next page...

cfs)
0.647 0.642 0.637 0.631 0.626 0.621 0.616 0.611 0.606 0.691 0.596 0.591 0.586 0.581 0.575 0.585 0.555 0.555 0.555 0.545 0.535

Hydraflow Hydrographs by Intelisoive v9.2

Friday, Sep 9, 2016

Hyd. No. 3

Proposed to Revise Basin

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 3 min
Drainage area = 7.030 ac
Basin Slope = 2.7 %
Tc method = USER
Total precip. = 7.00 in
Storm duration = 24 hrs

 Peak discharge
 = 58.72 cfs

 Time to peak
 = 717 min

 Hyd. volume
 = 144,854 cuft

 Curve number
 = 92*

Curve number = 92*
Hydraulic length = 808 ft
Time of conc. (Tc) = 6.0 min
Distribution = Type II
Shape factor = 484

Hydrograph Discharge Table

Printed visular == 1 60% of Qp.

Time	Outflow	Time	Outflow	Time	Outflow	Time	Outflow
(min	cfs)	(min	cfs)	(min	cfs)	(min	cfs)
438	0.593	549	1.115	660	2.723	771	3.350
441	0.599	552	1.121	663	2.824	774	3.232
444	0.606	555	1 125	666	2.959	777	3.114
447	0.612	558	1,130	669	3.133	780	2.996
450	0.619	561	1.134	672	3.330	783	2.884
453	0.625	564	1.139	675	3.537	786	2.788
456	0.632	567	1,143	678	3.746	789	2.710
459	0.638	570	1.147	681	3.956	792	2.643
462	0.645	573	1.154	684	4.168	795	2.579
465	0.651	576	1.170	687	4.381	798	2.516
468	0.658	579	1,196	690	4,596	801	2.452
471	0.664	582	1.227	693	5.288	804	2.388
474	0.671	585	1.261	696	7.418	807	2.325
477	0.677	588	1.294	699	11.17	810	2.261
		591	1.328	702	15.96	813	2.199
480	0.683	594	1.362	705	21.17	816	2.143
483	0.691 0.703	597	1.397	708	27.40	819	2.093
486	0.719	600	1.432	711	36.55	822	2.046
489		603	1.468	714	49.02	825	2.001
492	0.737	606	1.509	717	58.72 <<	828	1.955
495	0.757			720	54.51	831	1.910
498	0.776	609	1.555 1.605	723	37.29	834	1.864
501	0.796	612		726	20.16	837	1.819
504	0.816	615	1.656			840	1.773
507	0.837	618	1.707	729	10.76	843	1.731
510	0.857	621	1,759	732	8.008	846	1.697
513	0.878	624	1.811	735	7.481	849	1.673
516	0.898	627	1.863	738	6.968		1.655
519	0.919	630	1.916	741	6.453	852 855	1.640
522	0.940	633	1.972	744	5.938		
525	0.961	636	2.038	747	5.422	858	1.624
528	0.983	639	2,115	750	4,905	851	1.608
531	1,004	642	2.198	753	4,429	864	1.592
534	1.026	645	2.284	756	4.071	867	1.576
537	1.048	648	2.371	759	3.847	870	1.560
540	1.070	651	2.458	762	3.703	873	1.544
543	1,090	654	2.546	765	3.585	876	1.528
548	1.105	657	2.634	768	3.468	879	1,512

^{*} Composite (Area/CN) = [(1.210 x 74) + (1.430 x 69) + (4.390 x 98)] / 7.030

Time	Outflow	Time	Outflow		Outflow
(min	cfs)	(min	cfs)	(min	cfs)
882	1.497	1044	0.904	1208	0.598
885	1.481	1047	0.898	1209	0.595
		1050	0.892	1212	0.594
888	1.465		0.887	1215	0.593
891	1.449	1053			0.592
894	1,433	1056	0.881	1218	
897	1.417	1059	0.875	1221	0.590
900	1.401	1062	0.870	1224	0.589
903	1,385	1065	0.864	1227	0.588
906	1.369	1068	0.858	- 1	
909	1.353	1071	0.852	End	
912	1.337	1074	0.847		
915	1.321	1077	0.841		
918	1.305	1080	0.835		
921	1.289	1083	0.830		
924	1.274	1086	0.824		
927	1.258	1089	0.818		
930	1.242	1092	0.813		
933	1.226	1095	0.807		
936	1.210	1098	0.801		
939	1,194	1101	0.795		
942	1.178	1104	0.790		
945	1.162	1107	0.784		
948	1.146	1110	0.778		
951	1.130	1113	0.773		
954	1.114	1116	0.767		
957	1.098	1119	0.761		
960	1.082	1122	0.755		
963	1.067	1125	0.750		
966	1.055	1128	0.744		
969	1.047	1131	0.738		
972	1.040	1134	0.733		
975	1.035	1137	0.727		
978	1.029	1140	0.721		
981	1.023	1143	0.715		
984	1.018	1146	0.710		
987	1.012	1149	0.704		
990	1.008	1152	0.698		
993	1.001	1155	0.693		
996	0.995	1158	0.687		
999	0.989	1161	0.681		
1002	0.984	1164	0.675		
1005	0.978	1167	0.670		
1008	0.972	1170	0.684		
1011	0.966	1173	0.658		
1014	0.961	1176	0.653		
1017	0.955	1179	0.647		
1020	0.949	1182	0.641		
1023	0.944	1185	0.635		
1026	0.938	1188 1191	0.630		
1029	0.932	1191	0.624 0.618		
1032	0.927	1194	0.618		
1035	0.921	1200	0.607		
1038	0.910	1203	0.602		
1041	0.8.0	1203	0.002		

Hydraflow Hydrographs by Intelisolve v9.2

Friday, Sep 9, 2016

Hyd. No. 4

Pr thru Rev Basin

Hydrograph type Storm frequency = 100 yrs Time Interval

= Reservoir = 3 min

= 3 - Proposed to Revise Basin Inflow hyd. No. = 566.32 ftMax. Elevation

Peak discharge = 35.01 cfs Time to peak

= 723 min

= 144,860 cuft Hyd. volume Reservoir name = Revised Basin = 37,189 cuft Max. Storage

Storage Indication method used.

Hydrograph Discharge Table

(Primod villum == 1.00% of Op.)

Time	Inflow	Elevation	CIV A	Clv B	Clv C	PfRsr cfs	Wr A	Wr B	Wr C	Wr D	Exfil cfs	Outflow
(min)	cfs	ft	cfs	CIS	cis	610	CIS	LIS	us	UIS	010	613
351	0.405	562.13	0.361	0.354	300000	Ne rona.	+417.00	*****			COVER	0.354
354	0.411	562.14	0.368	0.361				COME	77777	N DESERT	*****	0.361
357	0.418	562.14	0.374	0.368	*****		20000	4,77777		*****	22,222	0.368
360	0.424	562.14	0.380	0.375						11		0.375
363	0.430	562 14	0.387	0.381	(COURTS)		-	denout.		1		0.381
366	0.437	562 15	0.393	0.388	-	(m) 1 m/m		A 111 / 111 /	*****	11110	50000	0.388
369	0.443	562.15	0.400	0.395		-000		*****	-	-		0.395
372	0.450	562 15	0.406	0.401				****	****	A-111	*****	0.401
375	0.456	562.16	0.412	0,408		****			*****			0.408
378	0.463	562.16	0.419	0.414		22222		60000	2000			0.414
381	0.469	562.16	0.425	0.421	**************************************			-	*****		*****	0.421
384	0.478	582.17	0.431	0,428	****		****			*****	5-1-5-5	0.428
387	0.482	562.17	0.437	0.434			****		Terme	****	****	0.434
390	0.489	562.17	0.444	0.441			2000			-	-57755	0.441
393	0.495	562.17	0.450	0.447	****	****		*****	****	11115	******	0.447
398	0.502	562.18	0.456	0.454	-	****	180000	*****		******	-5.65	0.454
399	0.508	582.18	0.462	0.460		1000000		*****	= 117.77	77233		0.460
402	0.515	562.18	0.469	0.487	-		*****		51172		2255550	0.467
405	0.521	562.19	0.475	0.473	****	***		*******	*****	*****		0.473
408	0.528	562.19	0.481	0.480	*****				-0.50	****	*****	0.480
411	0.534	562 19	0.487	0.486	*****					444		0.486
414	0.541	562.19	0.493	0.493	*****			***		2022	****	0.493
417	0.547	562.20	0.500	0.499	-	*****	*****	2000		200	*****	0.499
420	0.554	562.20	0.506	0.506	****	-1150	*****	-		*****		0.506
423	0.560	562.20	0.515	0.514			-	10000			*****	0,514
426	0.567	562.21	0.523	0.521			-	entern'y	1	2000	-	0.521
429	0.573	562.21	0.531	0.528	70000	-	Octor to	*****	-	*****	****	0.529
432	0.580	562.21	0.539	0.536	41.7	*****	F-1-1-2		40000	20004		0.536
435	0.586	562.21	0.547	0.543		*****	****	-	-	*****	****	0.543
438	0.593	562.22	0.555	0.550	*****	*****			*****			0.550
441	0.599	562.22	0.563	0.557		****	-	2000	0.4	+	****	0.557
444	0.608	582.22	0.570	0.564				-	(60000)	*****	*****	0.564
447	0.612	562.22	0.578	0.571				*****	0	34-14-E		0.571
450	0.619	562.23	0.585	0.577			-	Section :		-		0.577
453	0.625	562,23	0.593	0.584	*****	****		the second	A-122			0.584
456	0.632	562.23	0.600	0.591		-	****				PHONE.	0.591
459	0.638	562.23	0,608	0.597				*****		- 		0.597
462	0.645	562.24	0.815	0.604	*****	24405	****	*****	7777			0.604
465	0.651	562.24	0.622	0.611	*****	*****	*****	37777	22522	20000		0.611
468	0.658	562.24	0,630	0.617	*****			5355	57775	-		0.617
471	0.664	562.24	0,637	0.624) = M () () ()		-			44.000	0.824

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-									Salarana M. Tarahar	CONTRACTOR AND AND		ATTURNOVO AND
Time	Inflow	Elevation	CIV A	CIV B	CIV C	PfRsr	Wr A	Wr B	Wr C	Wr D	Exfil	Outflow
(min)	cfs	ft	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs
			4/4/10	STREET								0.630
474	0.671	562.25	0.644	0.631		(Ference)	****	*****			-	0.637
477	0.677	562.25	0.652	0.637	*****		*****			*****	0	12033000000000000000
480	0.683	562.25	0.659	0.644			****	-easter.	*****	****	O COLUMN	0,644
483	0.691	562.25	0.666	0.650	*****				*****	7.000 ·	*****	0.650
486	0.703	562.26	0.674	0.657			*****	-	-	*****		0.657
489	0.719	562.26	0.683	0.665	****	****	****		10000			0.685
492	0.737	562.26	0.694	0.675	****		*****	-7840E	****	-7.11.00 -	v	0.675
495	0.757	562.27	0.706	0.686	*****	*****	****		10 to	55500	E2570	0.686
498	0.776	562.27	0.719	0.698	200000	****	55555		*****			0.698
501	0.796	562.28	0.734	0.711	****		20000				ETHE	0.711
504	0.816	562.28	0.750	0.725	-	-	-	****	ARREAT.		W. 0.77	0.726
507	0.837	562.29	0.767	0.741		*****	*****			(2000)		0.741
510	0.857	562.29	0.785	0.757	****	· · · · · · · ·	*****	-38772-	55555	-11-1		0.757
513	0.878	562.30	0.803	0.774	*****		*****	(P.1222)	20025			0.774
516	0.898	582.31	0.824	0.794		*****		*****	APR.			0.794
519	0.919	562.31	0.844	0.815		-			****	1000	200	0.815
522	0.940	562.32	0.864	0.836	THE PARTY.		-	1	4.9000	772-57	2000	0.836
525	0.961	562.32	0.885	0.856		-		-5-500	25.05	Parent.	*****	0.856
528	0.983	562.33	0.905	0.877		-	200000	44		41111	Part 100 and	0.877
531	1.004	562.34	0.926	0.899			*****	****			*****	0.898
	1.026	562.34	0.946	0.920			10000000	20000	The table	-	9444	0.920
534	1.048	562.35	0.967	0.941	3-00-00	11/2000000		2200		-		0.941
537	1.070	562.38	0.988	0.962		*****	Market .	165465		0.0000000000000000000000000000000000000	3013354	0.962
540		562.36	1.009	0.984			****		Chicken C	O racelli	34444	0.983
543	1.090	562.37	1.029	1.004		-		1 000000		(Andrews)	-	1.004
546	1 105								Annah.		1000000	1.023
549	1,115	562.38	1.048	1.023			*****	*****		R SSSSS	500000000	1.040
552	1.121	562.38	1.065			****	CERTAIN.	- A	200000	-1325555 1. 1000000		1.055
555	1.125	562.38	1.079	1.055	1,1831 2				-586E			1.088
558	1.130	562.39	1.092	1.068	-	Transaction.		*****		0.1440.0		1.080
561	1.134	562.39	1.103	1.080	5000				1,70,100,00		A Marie	1.090
564	1,139	562.40	1.113	1.090	2000	11001	ERMAL		APPEAR S			1.089
587	1.143	562.40	1,122	1.099	3111123	1200000			111/10			1.108
570	1,147	562.40	1,131	1.108	*****		-11711	*****		a later and	- HARA	
573	1.154	562.40	1 140	1.116	******	20,000						1,116
576	1 170	562.41	1.151	1,125		755	27.7.2	*****	*****	1000000	200	1,125
579	1,196	562.41	1,164	1,136	****	11111	•••••		(22222)	11211		1,136
582	1.227	562.41	1,180	1,150	*****							1,150
585	1,261	562.42	1.201	1.168	*****							1,168
588	1.294	562.42	1.225	1.188	-1			*****	*****	****		1,188
591	1.328	562.43	1.252	1.212		*****	-	***		*****	****	1.212
594	1.362	562.44	1.282	1,237	40000		****		****	*****	****	1.237
597	1.397	562.45	1.313	1.264	****		Similar .	*****	****	****	****	1.264
600	1.432	562.45	1.346	1,292	1	*****	****		33534		*****	1.292
603	1,468	562.46	1.381	1.322	*****	*****	****	*****	*****	****		1,322
606	1.509	562,47	1.418	1,353	10.000	****	*****		*****		****	1.353
609	1.555	562.48	1.457	1.387			0	(*(***********************************		****	-	1,387
612	1.605	562.49	1.500	1.424	- (40) (40)	*****	0.000	-	See See		850005	1.424
615	1.656	562.50	1.542	1.464	****	-	*****	-21112			******	1.464
618	1.707	562.52	1.579	1,510	50000	2000		300000	*****	*****	*****	1.510
621	1.759	562.53	1.617	1.557	****		-		P-1007		-	1,557
624	1,811	582.54	1.656	1.605	-	*****	P-11-12	*****	10.00		A	1,605
627	1.863	562.55	1,696	1,654	*****	-50705-			VI COLUMN	-		1.654
630	1,916	562.57	1.736	1.704			35355	ON DESCRIPTION OF	*****	200000	NAME OF	1.704
633	1,972	562.58	1.777	1.755			-		0.000	aurin.	10000	1.755
	10500	*****	300000	100000								0.07160=01

Time	Inflow	Elevation ft	Clv A	Clv B	Clv C	PfRsr cfs	Wr A	Wr B	Wr C	Wr D	Exfil	Outflow
(min)	CIS	11	CIS	CIS	Cia	LIS	613	Cis	Cio	013	O.G.	
636	2.038	562.59	1.820	1.808			1000	*****		****	(*****	1.808
639	2 115	562.61	1.867	1.861	****	20000			-	Seese?	*****	1.861
642	2 198	562.62	1.921	1.916	-22-44		*****				****	1.916
645	2.284	562.64	1.980	1.976		*****				*****	****	1 976
648	2.371	562.66	2.044	2.041	****			****	*****			2.041
651	2,458	562.68	2.111	2.110	*****	-	***	*****	****		****	2 110
654	2.546	562.70	2.185	2.183	****	*****	*****			****		2.183
657	2.634	562.72	2.293	2.263	****	*****			*****	****	22005	2.263
660	2.723	562.75	2.403	2.345		*****	304770	200.00	444	125057	10000	2.345
663	2.824	562.77	2.517	2.429		-	****		20.000	-	*****	2.429
666	2.959	562.79	2.639	2.520	****		-	-		****	10000	2.520
669	3.133	562.82	2.725	2,621	****			****	****		*****	2.621
672	3.330	562.86	2.813	2,737	eisene.	Section 1	255.55	3200	****	****	****	2,737
675	3.537	562.90	2.913	2.869	****	-	2000.00 2	(55115)	****		OWNER.	2,869
578	3.746	562.94	3.032	2.984	****	Newson.	*****		*****		75775	2.964
681	3.956	562.99	3.170	3.066		*****	*****		70000 A	M aren a)	Corner,	3.066
684	4.168	563.02	3.221	3.126	3-11 H			V	5.5557 V	1,000	****	3,125
687	4.381	563.04	3.253	3,182		1.57.55	-	1777		*****	A PROPERTY	3.182
690	4.596	563 06	3.290	3.246	ACTUAL N		****		1111111	******		3.245
693	5.288	563,10	3.338	3.328				-	4-7-1-7	100 111	*****	3.328
696	7,418	563 16	3.511	3.432		-74		-	*****			3,432
699	11.17	563.28	3.744	3.667		-		-	-	****	-	3,667
702	15.96	563.47	4.045	4:043			*****	-	-	1 × × × ×		4.043
705	21.17	563,76	4.670	4.539			-	****	*****		*****	4.539
708	27.40	564.14	5.371	5.120	0.092	がない。 新年日刊	*****	-	*****			5.212
711	36,55	564.58	9.146	5.081	3,961				****	-	*****	9.042
714	49.02	565,10	16.59	4.088	12.51	*****			*****	H-1000	*****	18.59
717	58.72 <<		23.26	3.752	19.51	****	2 2 2 2	11111	*****	-		23.26
720	54.51	566.11	29.06	4.482	23.30	****	1.266			10.00	40.140	29.05
723	37.29	566,30 <<	35.01	4.461	23.19		7.355	1,100,000	-5-555	mm 41 to 10	******	35.01 << 32.64
726	20.16	566.23	32.84	4.490	23.35	00700	4.800	*****	-1111	***********	\$11112 P	The state of the s
729	10.76	566.02	27.54	4.401	22.88	****	0.257	*****	, 4,111	11000	The state of the s	27.54 24.65
732	8.008	565.76	24.66	3.977	20.68	-		*****				21.83
735	7.481	565,52	21.83	3.521	18.31				3			18.96
738	6.968	565.31	18.96	3.213	15,74		*****		=====	10000	•••••	17.04
741	6.453	565.13	17.04	3.950	13.09			71.7	*****	*****	2000	14.63
744	5.938	564.98	14.73	4,447	10.18	••••	•***	161111			SAME	12.51
747	5.422	564.84	12.58	4.750	7.755	•	V20560			2000	2475	10.84
750	4.905	564.72	9.666	4.913 5.039	5.925 4.510				2000	4000		9.548
753 750	4.429	564.62 564.54	8.627	5.116	3,399	20725		100	20022		3000	8.515
758 759	3.847	564.46	7.769	5.173	2.522	2000	Parent.		****	****	Carrier .	7,696
762	3.703	584.40	7.037	5,220	1.817	-	-	4324	12000	22222		7.037
765	3.585	564.34	6.520	5.214	1.306	5 52000	-		-	****	*****	6.520
768	3.468	564.29	6.088	5.208	0.869	(-	(30000)		(*****	6.077
771	3.350	564.25	5.848	5.198	0.568		-	2000	****	5 70000 0)	(Second)	5.765
774	3.232	564.21	5.625	5.188	0.289		-		-	5 4444 1)	2 81000	5.476
777	3.114	564.17	5.473	5.151	0.163		o extensi	(8 (100) ()		30000	060006	5.314
780	2.996	564.13	5.337	5 110	0.068	(******* **	0.000000	-	CAMERO)	(# 10000)	-	5,178
783	2.884	564.09	5.221	5 063	0.000	00 0000 00	, Harris	-	****	-	to the principle	5.063
786	2.788	564.05	5.153	5.003	-	(Septime)	leave to		Description of the last of the	****	- Charles	5.003
789	2.710	564.01	5.086	4.942	44444	(******** ****************************	E0555	*****	The same			4.942
792	2.643	563.97	5.011	4.873		exite:	*****	*****		177777	VEDETE	4.873
795	2.579	563.92	4.935	4.801		50003	77.75		77777		****	4.801
		and the same of th										The second of

Time (min)	Inflow	Elevation ft	CIV A	Clv B	Clv C	PfRsr cfs	Wr A	Wr B	Wr C	Wr D	Exfil	Outflow
#0.500.00F1	NO. 000 ATT		5,47422		124244	2000			II OUDANN			4.728
798	2.516	563.88	4.859	4.728	mana-				*****			4.726
801	2.452	563.83	4.784	4.654	1.000		*****	*****			Constitution of	4.580
804	2.388	563.79	4.710	4.580				-20002-			*****	The second of the second of
807	2.325	563.74	4 637	4.504			*****					4.504
810	2.261	563.70	4.564	4,428			*****	****	*****			4.428
813	2,199	563,65	4,493	4.350			*****				100000	4.350
816	2,143	563,61	4.422	4.273	*****	****	*****	*****	****	19770		4.273
819	2,093	563.57	4.303	4.200		40000	*****			*****	-	4.200
822	2.046	563,53	4.168	4.129	*****	*****		3777	583.00	****	55555	4.129
825	2.001	563.48	4.061	4.060	-	*****	*****	4000-	*****		120000	4.080
828	1.955	563.44	3.997	3.992		*****	*****	****	-	A0555	(,)(,) ()()()	3,992
831	1.910	563.40	3.933	3.925		3			***		*****	3,925
834	1.864	563.36	3.871	3.842		****	4444	-	554000	10000	****	3.842
837	1.819	563.32	3.811	3.761	*****	****	*****	*****	*****	-	*****	3,761
840	1.773	563.28	3.752	3.679	****	(*****	****	C	****	*****	*****	3.679
843	1.731	563.24	3.695	3.596	-		2000	*****	******	/ 3000	2227	3.596
846	1.697	563.21	3.639	3.515	****		****	*****	V. (10.7 m)	1 P	22777	3.515
849	1.673	563,17	3.540	3,450	******		2000	70700	27777	A TERRET	71111	3,450
852	1.655	563.13	3.437	3.389		4 20000		-		1000	September 1	3.389
855	1.840	563,10	3.338	3.328			*****	****	-		*****	3,328
858	1.624	563.06	3.290	3.246	*****				TILLS.	****	-	3.246
861	1.608	563.03	3.245	3.166			death.			Buch		3,166
864	1.592	563.00	3.201	3.090				-			2000	3.090
867	1.576	562.92	2.976	2.923	41115	****		*****		1000		2.923
870	1.560	562.84	2.778	2.690			2000	F-135			300000 C	2.690
873	1.544	562.78	2.574	2.472	×3+3+7	H 10 10 10 10	*****	1000	-	HELPHAN	((()	2.472
875	1.528	562.73	2.326	2.288		****		****		0.000		2.288
879	1.512	562.69	2.140	2 139			54446	****		****	*****	2,139
882	1.497	562.65	2.024	2.022	12222			*****	****	****	-	2.021
885	1.481	562.62	1.927	1.923	*****	****			*****	****		1.923
888	1.465	562.60	1.846	1.840	(September 2)	*****		Christ :	-		-	1,839
891	1,449	562.58	1.780	1.759	-	*****	E-maye 5	-	*****		*****	1.759
894	1,433	562,56	1.726	1.692	Examps.						-	1.692
897	1,417	562,55	1.680	1.635	****	2020e				**************************************	*******	1.635
900	1.401	562.54	1.842	1.587	:=00022:	700000	: - 	****	20000	-	20000	1.587
903	1.385	562.52	1.608	1.546	>0000	55555		TREA		1100000		1,546
906	1,369	562.52	1.580	1.511	12897724	*****			=			1.511
909	1.353	582.51	1.554	1.479			EIVE		-444	00	-	1.479
912	1.337	562.50	1.531	1.451	>507-TE.		27/07/2	****		385		1.451
915	1,321	562.49	1.505	1.428	2.50			24444	120000		35490	1.428
	1,305	562.49	1.479	1.406	V2000			455-4545	TIME!	AVEST-1	E.102	1,406
918					-	100000		92777	Trans	12001	-	1.386
921	1.289	562.48	1,456	1,386							2002	1,366
924	1.274	562.48	1.432	1,386	CONTRACT.	C1000	*****		100000	****		1,347
927	1.258	562.47	1.410	1.347	-				*****		-	1,329
930	1.242	562.46	1.389	1.329	*****		(1000 00				>+++=	
933	1,226	562.46	1.368	1.311			****	-	*****	*****	****	1.311
936	1.210	562.45	1.347	1.293	*****		(2511)		CHANGE		*****	1.293
939	1.194	562,45	1.327	1,276	*****	2022	*****		*****			1,276
942	1,178	562.44	1.307	1.259			-		******	*****	****	1.259
945	1.162	582.44	1.288	1.242				*****	*****		10000	1.242
948	1.146	562.43	1.268	1.225	OWNER,	*******	****	****	On Maries	20000	93000	1,225
951	1.130	562.43	1.249	1.209	****	*****	(*******	300000	C atolina	20000	*****	1,209
954	1.114	562.43	1.230	1.192		3454		11000	-	Section 1	1 1/20, 175	1,193
957	1.098	562.42	1.211	1.176		*****	*****		4	\$1.25°	10000	1.176

-75000		8										
Time (min)	Inflow	Elevation ft	CIV A cfs	CIV B	CIV C	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D	Exfil cfs	Outflow cfs
960	1.082	562.42	1.192	1,160			200	20000		Security.	0.464	1.160
963	1.067	562.41	1.173	1.144			22222			****	CRESCO	1.144
	1.055	562.41	1,155	1.128	2222					64000	(******	1,128
966	1.047	562.40	1.138	1.114	100000	2000	*****			2 =227= 2	(mark 100)	1,114
969	N 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	of the form of the contract of								(*****	100000	1.101
972	1.040	562.40	1,123	1.101			*****		****		# 52000	1.089
975	1.035	562.40	1.112	1.089	****	****	5.552.5		*****			1.079
978	1.029	562.39	1.102	1.079	440	****	37575		Olove The	-5555	***	1.069
981	1.023	562.39	1.093	1.069	-	*****	****					
984	1.018	562.39	1.084	1.061		31055		-20552	1.7.000	-0000	*****	1.060
987	1.012	562.38	1.076	1.052		3700	***	375	55555			1.052
990	1.006	562.38	1.069	1.044	***	9-4-mm F	****	20000	5550 00			1.044
993	1.001	562.38	1.061	1.037	3	A PROPERTY.					A1000-	1.037
996	0.995	562,38	1.054	1.030	****			30000			00000	1.030
999	0.989	562.37	1.048	1.023		(1) (1) (1)	25575	****		0.7.7		1.023
1002	0.984	562.37	1.041	1.016		****	*****			(55555)	anarr.	1.016
1005	0.978	562.37	1.035	1.010		P = 110 -	-72277 h		57555			1.010
1008	0.972	562.37	1.029	1.004		*****	areae v	WILLIAMS.	2022	*****	2500	1,004
1011	0.966	562.37	1,023	0.997		42000		hones.	-	2000		0.997
1014	0.961	562.37	1.017	0.991				10000	New York	Tall the same		0.991
1017	0.955	562.36	1.011	0.985	12200	-			-	-	****	0.985
1020	0.949	562.36	1.005	0.979	CIDES!		-	116.2334	diament.	****		0.979
1023	0.944	562.36	0:999	0.973	Carry	1,000,00	denne.	-	2400000000	-		0.973
1026	0.938	562.36	0.993	0.967	****		-	****	-	2000	-	0.967
1029	0.932	562.36	0.988	0.962	2502	0.0000	igonose;			1000000	44444	0.962
1032	0.932	582 35	0.982	0.956		-	-	11000	4000	-	(2000m)	0.956
1035	0.921	562.35	0.976	0.950		10000000	024000		(4444)	Contract:	(40-1-1-1-1)	0.950
		562.35	0.970	0.944		****				Daniel		0.944
1038	0.915			0.939			Elements.			- Contract	300000	0.938
1041	0.910	562.35	0.965						-			0.933
1044	0.904	562.35	0.959	0.933		11000				(11 (No. 2)	-	0.927
1047	0.898	562.35	0.954	0.927					-	-		0.821
1050	0.892	562.34	0.948	0.921	57475	100000	1000				100 per 100 pe	0.915
1053	0.887	562.34	0.942	0.915	2017	****	*****		555000 C	11. 11.	5.00	
1056	0.881	562.34	0.937	0.910	200	20000			-51100	77.00	3	0.910
1059	0.875	562.34	0.931	0.904		******	2000		3.00		•	0.904
1062	0.870	562.34	0.926	0.898	97000		71177	*****			*****	0.898
1065	0.884	562.34	0.920	0.893	-0.00	******	27.00	7.7.5.1.5	*****		2222	0.893
1068	0.858	562.33	0.914	0.887	****	300				12000		0.887
1071	0.852	562.33	0.909	0.881	*****	4-6		20222				0,881
1074	0.847	562.33	0.903	0,875		20000				-		0.875
1077	0.841	562.33	0.898	0.870	-		-100C	*****		*****		0.870
1080	0.835	562.33	0.892	0.864	-				****	****		0,864
1083	0.830	562 33	0.887	0,858		***		44445		242.00	****	0,858
1086	0.824	562.32	0.881	0.853	****	22000	-			*****		0.853
1089	0.818	562.32	0.875	0.847	*****	****	*****		****	****	****	0.847
1092	0.813	562.32	0.870	0.841	****		*****		****	*****	*****	0.841
1095	0.807	562.32	0.864	0.836	****		-		*****	***	•	0.836
1098	0.801	562,32	0.859	0,830	0.2	*****		3 -163-64 -0	****	****	3000	0.830
1101	0.795	562.31	0.853	0.824			*****	****	31.00	See All Sections	588888	0.824
1104	0.790	562,31	0.847	0.818	****		O ccioni		(Single-	SENSON .	-	0.818
1107	0.784	562.31	0.842	0.813	((*********	-	(=1100)	- 	******	*****	0.813
1110	0.778	562.31	0.836	0.807	*****	30000000	Carrent .	10000	****	****	1-000000	0.807
1113	0.773	562.31	0.831	0.801	1000000	5655550	Dennis	(200000)	AMERICA:	A1117		0.801
1116	0.767	562.31	0.825	0.796	*****	2000000	·(22035		A BOOKE	E7725	-	0.796
1119	0.761	562.30	0.819	0.790								0.790
11.00	0.70	002.00	0.015	0.750	******	a fall woods.	100000	55.55	417/00	20,410,120	100	350

200	22 - 12	140										
Time (min)	Inflow	Elevation ft	CIV A	Clv B	Clv C cfs	PfRsr cfs	Wr A	Wr B	Wr C	Wr D	Exfil	Outflow
(mai)	Cia	350	Cia	1013	0.0	010	0.0	0.0	97.9	212		
1122	0.755	562.30	0.814	0.784			*****	marrie.	****	****		0.784
1125	0.750	562.30	0.808	0.778					****	****	(0.778
1128	0.744	562.30	0.803	0.773	-					*****	****	0.773
1131	0.738	562.30	0.798	0.768	0.000		22000	-11000	40777		*****	0.768
1134	0.733	562.30	0.792	0.763		*****	*****	*****			-	0.763
1137	0.727	562.29	0.786	0.758		****	*****		****		***	0.758
1140	0.721	562.29	0.781	0.753	2000	****	****		****	10160a	*****	0.753
1143	0.715	562.29	0.775	0.748		****			~~	****		0.748
1146	0.710	562.29	0.769	0.743	-	*****	4444	****			*****	0.743
1149	0.704	562.29	0.763	0.737	****	diam'r.	****		**************************************		77777	0.737
1152	0.698	562.28	0.757	0.732		Carrier Co.		****	******	BENEFIE		0.732
1155	0.693	562.28	0.751	0.725	(manager)	distant.		-		7277	2022	0.726
1158	0.687	562.28	0.745	0,721		(4.000)		C 40000	-	1,577,000	75777	0.721
1161	0.681	562.28	0.738	0.715		N exast.	*****	(811112			277727	0.715
	0.675	562.28	0.732	0.710		(Sente:			-	W000000		0.710
1164	0.670	562.27	0.726	0.704	-35550		75577n	-	interpretation (0.704
1167	0.664	562.27	0.720	0.698	2000			Variable.			2000	0.698
1170		562.27	0.714	0.693				Abanda a		-	2007	0.693
1173	0.658	562.27	0.707	0.687	- Carrier	OK-MIL.	outual.	-52				0.687
1176	0.653		Lance of the control	0.681			-	7	*****	*****	-200001	0,681
1179	0.647	562.27	0.701		*****				-	200	-	0.676
1182	0.641	562.26	0.695	0.676			-	n process	GDW	120000	-	0.670
1185	0.635	562.28	0.688	0.670	20000		30000			1444	A	0.664
1188	0.630	562.26	0.682	0.864		AND CO.	*****				(manager)	0.659
1191	0.624	562.26	0.676	0.659	*****			of sales facilities				0.653
1194	0,618	562.25	0.669	0.653	- 4 4 5 -	22302			(******** (*********		Acres .	0.647
1197	0.613	562.25	0.663	0.647	*****							0.642
1200	0,607	562.25	0.857	0.642		*****			- 1110-		20100	0.636
1203	0.602	562.25	0.651	0.636	****	*****				30300	20155 83	0.630
1208	0.598	562.25	0.644	0.631	*****	****		10000	TRAME	****		0.625
1209	0.595	562.24	0.639	0.625		3355	-Backs-	*****	.=====		- P. J. L. J. P.	0.621
1212	0.594	562.24	0.633	0.621	****	*****	*****			-		0.617
1215	0.593	562.24	0.629	0.616	411111		-0.00		-5556			0.613
1218	0,592	562.24	0.625	0.613	-	10,100,000	-		1001	22.052		0.610
1221	0.590	562.24	0.621	0.610	20001	A-7.7.	200	7-11-7	= // //	****		0.607
1224	0.589	562.24	0.618	0.607			*****	5111	*****	48.00	21112	0.604
1227	0.588	562.24	0.615	0.604	17.					Commission of the Commission o		0.601
1230	0.587	562.24	0.612	0.601	M		7020	23222				0.599
1233	0.586	562 23	0.610	0.599	4000000			2000		*****		
1236	0.585	562.23	0.607	0.597	Contraction of the Contraction o	Charles I.	1	(A. 10 a.e.)	2000	*****	1 - H + H + E	0,597
1239	0.584	562.23	0.605	0.595	1.000				*****			0.595
1242	0.582	562.23	0.603	0.593		*****	*****	****	****			0.593
1245	0.581	562.23	0.601	0.592		*****	*****	(120000)	*****	*****	*****	0.592
1248	0.580	562.23	0.599	0.590	A-125	-		*****	*****	*****	31114	0.590
1251	0.579	562.23	0.598	0,588		*****	*****	****	****	*****	*****	0.588
1254	0.578	562.23	0,596	0.587	****	No. or other	0.000		****	(******	0.587
1257	0.577	562.23	0,594	0,585	# 10 mg	****	-		*****	*****	. 37100	0.585
1260	0,576	562.23	0.593	0.584	4.444	*****	*******		(*****		0.584
1263	0.575	562.23	0.591	0.583	-	*****	H-100	*****	-	(1000)	SCHOOL ST	0.583
1266	0.573	562.23	0.590	0,581	*****	****		4.000	30230	10,000	5.555 Teles	0.581
1269	0.572	562.23	0.588	0.580	11775		****	0.00	1	*****	1	0.580
1272	0.571	562.23	0.587	0.579	****		53555	555555			CARLOS S	0.579
1275	0.570	562.23	0.586	0.578	******	*****			1		TEAT.	0.578
1278	0.569	562.23	0.584			*****		-04,00		- Table	10000	0.576
1281	0.568	562.23	0.583	0.575		Emrz:	77777	SITUI-	3330	-		0.575

Time (min)	Inflow	Elevation ft	CIv A	Clv B	Cly C	PfRsr cfs	Wr A	Wr B	Wr C	Wr D	Exfil cfs	Outflow
722555	NAMES N	V.E.		N. Daniel		N. SEC.						70.0-200
1284	0.567	562.23	0.582	0.574	CICALOR.			*****		-	diam'r.	0.574
1287	0.565	562.22	0.580	0.573	22200		*****	+11000	1,0 7,7,1,1		*****	0.573
1290	0.564	562.22	0,579	0.572	*****	****	********	-57915	*****		7.00	0.572
1293	0.563	562.22	0.578	0.570	****	SALLS.	*****			****	****	0.570
1296	0.562	562.22	0.576	0.569	***	*****			******	3555		0.569
1299	0.561	562.22	0.575	0.568	*****	*****	300000	-50000	55555	*****	100000	0.568
1302	0.560	562.22	0.574	0.567	****		****	****	*****	3870	2500	0.567
1305	0.559	562.22	0.572	0.566	****	3000	3550 B	30555	*****	-		0.566
1308	0.557	562.22	0.571	0.564	*****	****			2772	3-500057		0.564
1311	0.556	562.22	0.570	0.563	*****	*****		*****	5.00		******	0.563
1314	0.555	562.22	0.569	0.562	57777E		*****			-	4-4	0.562
1317	0.554	562.22	0.587	0.561	****	Termen.	*****	475-22	*****	•	*****	0,561
1320	0.553	562.22	0.566	0.560	*****	PRESE.	2222			*****		0.560
1323	0.552	562.22	0.565	0.559				470000				0.559
1326	0.551	562.22	0.563	0.558					*****	222		0.558
1329	0.549	562.22	0.562	0.557			-	1000	The same of	4000		0.556
1332	0.548	562.22	0.561	0.555	-		200	V 1002 Time	-		****	0.555
1335	0.547	562.22	0.560	0.554	2000					*****	53463	0.554
1338	0.546	562.22	0.558	0.553		1000	*****			-		0.553
1341	0.545	562.22	0.557	0.552			2444	100000	*****		933490	0.552
1344	0.544	562.22	0.556	0.551		22422	September 1		-	****	; 	0.551
1347	0.543	562.22	0.555	0.550		(50450.0)			Service :	44444	character of	0.550
1350	0.541	562.22	0.553	0.548	*****	2000			****	-	-	0.548
1353	0.540	562.22	0.552	0.547	-	-	300000	****	*****	****	Meestle."	0.547
1356	0.539	562.22	0.551	0.546			****	*****				0.546
1359	0.538	562.21	0.549	0.545			****	*****		****	*****	0.545
1362	0.537	562.21	0.548	0.544		****	(Brane)	*****		****	220002540 1800000	0.544
	Annual Control of the	562.21	0.547	0.543					*****	#####	174111545 17411775	0.543
1365	0.536	562.21	0.546	0.543			A-00000	*****			SEARCH !	0.542
1368	0.535		Company of the Compan	0.541	-	ARRAS	~****			0.000		0,540
1371	0.534	562.21	0.544				5500	3013301	1272	05500		0.539
1374	0.532	562.21	0.543	0.539	Towns.	V., Pylin, 11,		-	THE .			0.538
1377	0.531	562.21	0.542	0,538	4,111,00		1 4500	STATE			SHEET.	0.537
1380	0.530	562.21	0.541	0.537	2000		*****	22.01.20			-	0.536
1383	0.529	562.21	0.539	0.536							2	0.535
1386	0.528	562.21	0.538	0.535			- delication		22112		2.00	0.534
1389	0.527	562.21	0.537	0.534	*****			11.79.5		v2007101		0.532
1392	0.526	562.21	0.535	0.532				200000		and the second	*****	
1395	0.524	562,21	0.534	0.531	-	-1/	*****		*****	*****	*****	0,531
1398	0.523	562.21	0.533	0.530	1,000			-	*****			0.530
1401	0.522	562.21	0.532	0,529		*****	*****	-	*****	*****	*****	0.529
1404	0.521	562.21	0.531	0.528	-		*****	*****	****	****	****	0.528
1407	0.520	562.21	0.529	0.527	****	*****	*****	******	(4-14-mm)	*****	91099	0.527
1410	0.519	562.21	0.528	0.526	****	****	0.4	****	833757	******	-	0.526
1413	0.518	582.21	0.527	0.524	A	4	100000	*****	****	100000	100	0.525
1416	0.516	562,21	0.525	0.523		*****		-	(comment	-	****	0.523
1419	0.515	562.21	0.524	0.522			****	-	Contract.			0.522
1422	0.514	562.21	0.523	0.521	****		\$100 to \$100.	N-000	State.	200	325000	0.521
1425	0.513	562.21	0.522	0.520	1555E	*****		300000	P. 500000	-		0.520
1428	0.512	562.21	0.520	0.519	****					******		0.519
1431	0.511	562.20	0.519	0.518	22000		*****		*****	CHILDS:	22772	0.518
1434	0.510	562.20	0.518	0.517	****	-		150000	10.000	050555	(VIII VIII)	0.517
1437	0.508	562.20	0.517	0.515					35355		*****	0.515
1440	0.507	562.20	0.515	0.514		FFFEE		****	****		200	0.514
1443	0.405	562.20	0.508	0.505				22.4			A. A. A.	0.505
4.20.30		20-10-00-0	12.0									And the second of the second

Pr thru Rev Basin

Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A	CIV B	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C	Wr D cfs	Exfil cfs	Outflow cfs
1446	0.202	562.19	0.481	0.480			(100-1	-			(*****	0.480
1449	0.067	562.17	0.439	0.436	99800	Same:		-20076	-	-		0.436
1452	0.000	562.15	0.390	0.385	12821	*****	****	****	*****	G VIVE		0.385

...End

Hydraflow Hydrographs by Intelisoive v9:2

Friday, Sep 9, 2016

Hyd. No. 5

Pr. thr Rev Basin LFB

Hydrograph type = Reservoir Storm frequency = 100 yrs Time interval = 3 min

Inflow hyd. No. = 3 - Proposed to Revise Basin

Max. Elevation = 566.62 ft

Peak discharge = 43.05 cfs
Time to peak = 723 min
Hyd. volume = 132,002 cuft

Reservoir name = Revised Basin LFB

Max. Storage = 40,722 cuft

Storage Indication method used

Hydrograph Discharge Table

| Printed values ** 1.00% of Cp.)

(min)	cfs				CIV C	PfRsr	Wr A	Wr B	Wr C	The second secon	al Albertan	Outflow
00982	2.00	ft	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs
603	1.468	564.23	0.461	0.00	0.437	(hence:			annana),		GREET COME	0.437
606	1.509	564.25	0.584		0.556		memory.		377737	-		0.556
609	1.555	564.26	0.699	*****	0.666	77777					200	0.666
612	1.605	564.28	0.807		0.770	TT-1-	****		1-1-2	-	72.77	0.770
615	1.656	564.29	0.908	THE PARTY OF	0.867		2000	12000			-11	0.867
618	1.707	564.31	1.016		0.974	2000	200	1	-	P-140-	-	0.974
621	1.759	564.32	1.127		1.089	2000	*****	prosent.	****	-		1.089
624	1.811	564.33	1.229		1.194		*****	00000	***************************************		*****	1.194
627	1.863	564.34	1.323	12111	1.291			N T T T T	×0.00		*****	1.291
630	1,916	564.35	1.410	-	1.381		****	MADE:	+11146			1,381
633	1.972	564.38	1.493	A	1.466			1001111		(45000)	*****	1.456
636	2.038	564,37	1.572	99399	1.548			3-03-03-0	****	****	*****	1.548
639	2.115	564.38	1,650		1 628	*****			****	*****	-	1.627
642	2.198	584.39	1.727		1.707	****	*****	-	*****	-	-	1.707
645	2.284	564.40	1.805	****	1.788	****		****	(******	*****	-	1.788
648	2.371	564.40	1.897	*****	1.877	****				***	*****	1.877
651	2,458	584.41	2.003		1,973			****		*****		1.973
654	2.546	564.42	2.107		2.068	****	*****	*****				2.068
657	2.634	564.43	2.210		2.161			*****		7557	77777	2 162
660	2.723	564.44	2.312		2.254	*****	*****		*****			2.254
663	2.824	564.45	2.414		2,347	*****		55000				2.347
666	2.959	564.46	2.521	-	2.445	2212	4,000		*****			2,445
669	3.133	564.47	2.640		2.553	*****	*****	2222		2122	-	2.553
672	3,330	564.48	2.773	*****	2.675	*****			200	****		2.675
675	3.537	564.49	2.923		2.811		300000	GUILL	2000	****	*****	2,811
678	3.746	564.50	3.086	12552	2.963		The same	10000	100	10000		2.963
681	3.956	564 52	3.254	THE REAL PROPERTY.	3.143	-	- 24444	****	****	*****	2000	3.143
684	4.168	564.53	3,428	100100	3.330	anne.		****	-	10000	-	3.330
687	4.381	564.55	3.607		3.522	THE STATE OF THE S		*****	****	*****		3.522
690	4.596	564.56	3.791	-	3.718	special)		*****	5-27-5	20044	GAME:	3.718
693	5.288	564.58	4.023	50000	3.967	25220		2200	27443	****	*****	3,966
696	7.418	564.62	4.538	2000	4.475	2222	****	-		5-65-60	*****	4.476
699	11.17	564.70	5.697	004004	5.552						Carried	5,552
702	15.96	564.82	7.606	*****	7.504	(2000)	0 4 4 4 8 1 1	F=====	37117	September 1	-	7,504
705	21.17	564.99	10.59		10.45	*****	O CONT		****	(100000)		10.45
708	27.40	585.18	14.16		14.10	(America)	-	*****	****	(*****	*****	14 10
711	36.55	565.43	18.67	5 20000 0	18.65	- 111111	-	****				18.65
714	49,02	565.78	21.84		21.84	Footbordhi E estatoo f	· Shirons	52555500 244 848	5 75 3 10 10 10 10 10 10 10 10 10 10 10 10 10	######################################	J 81577	21.84
717	58.72 <<		28.72		24.58		4,136		-311		WATER OF	28.72
720	54.51	566.52	40.57	-500551	23.09	-	17.48	AND SAN TO SAN T			Name of	40.57
723	37.29	566.58 <<	43.05		22.46	\$50005=	20.59	100300	0,00000	0.000	1	43.05 <<

Continues on next page...

726	Time (min)	Inflow	Elevation ft	Clv A	Clv B	Clv C	PfRsr cfs	Wr A	Wr B	Wr C	Wr D	Exfil	Outflow
729 10.76 586.19 27.95 22.56 3.386 22.732 3.77 3.57 3.57 3.57 4.81 855.72 21.24 21.23 22.735 3.77 4.81 855.72 21.24 21.23 22.736 6.988 565.52 19.14 19	***************************************	1,000,000		04.05%0			1,71,000				13-124		20.54
735 7.481 883.72 21.24 21.23 23.37 2					-	to the state of th				****			36.51
735 7,481 968,72 21,24 21,23 21,24 21,23 21,24 21,23 21,24 21,23 21,24 21,23 21,24 21,23 21,24 2			and the same of th	Section 1 and 1 decision 1	-			3.386					27.95
788 6.986 585.52 19.14 19.15 19.14 19.15 19.14 19.15 19.14 19.15 1		Company of the compan	Company of the last of the las	The second second	***			*****	*****				23.37
741 6.453 585.34 17.28 17.23 11.4 59.38 585.19 14.22 14.16 17.4 5.938 585.19 14.22 14.16 17.4 5.938 585.19 14.22 14.16 17.4 5.938 585.19 14.22 14.16 17.4 5.938 585.07 12.04 11.90 17.50 14.905 564.97 10.28 10.14 17.50					****	But will be to be settled to		*****				*****	21,23
744 5.938 565.19 14.22 14.16	738				****			77744		1005			19.14
747 5.422 565.07 12.04 11.90 11.90 11.97 750 4.905 564.97 10.28 10.14 11.90 11.97 753 4.429 564.89 8.807 8.6560 18.656					*****		****	*****		****		100000	17.23
750					*****		****	45500	*****	*****	****	****	14.16
758 4.429 \$64.89 8.807 8.650 8 759 4.071 564.82 7.618 7.516 7. 759 3.847 564.77 6.741 8.634 6 6 762 3.703 584.72 8.080 5.944 5 768 3.585 564.69 5.540 5.406 5 768 3.468 564.66 5.088 4.986 4 771 3.350 564.63 4.706 4.634 4 771 3.350 564.63 4.706 4.834 4 777 3.114 564.59 4.135 4.086 4 770 3.14 564.59 4.135 4.086 4 780 2.996 564.57 3.899 3.877 3 780 2.710 564.58 3.762 3.687 3 789 2.710 564.53 3.566 3.220 3 795 2.579 </td <td>747</td> <td>5.422</td> <td></td> <td></td> <td>*****</td> <td>1120741121124</td> <td>*****</td> <td>*****</td> <td>*****</td> <td></td> <td>***</td> <td>0.000</td> <td>11,90</td>	747	5.422			*****	1120741121124	*****	*****	*****		***	0.000	11,90
756	750				(1644	the state of the s	0.00	*****	4855	20 to 10 to		*****	10,14
759	753	4.429	564.89	8,807	ol e a more	8.650		-		355500	2000	*****	8.651
762 3.703 \$64.72 6.080 5.944 5 5 765 3.685 564.69 5.540 5.406 5.768 3.488 564.66 5.088 4.986 4 4 771 3.350 564.81 4.708 4.834 4 4 777 3.114 564.59 4.135 4.086 4 4 777 3.114 564.59 4.135 4.086 4 4 777 3.114 564.59 4.135 4.086 4 4 777 3.114 564.59 3.939 3.877 3 3 788 2.884 564.52 3.600 3.514 3 3 788 2.788 564.52 3.260 3.250 3 3 789 2.710 564.53 3.456 3.359 3 3 799 2.710 564.51 3.211 3.097 3 3 798 2.579 564.51 3.211 3.097 3 3 798 2.516 564.50 3.009	756	4.071	564.82	7,618			410	78557	*****		311112	227.55	7.516
768 3,685 584,69 5,540 5,406 5,406 5,688 4,986 3,387 3,939 3,877 3,939 3,817 3,939 3,817 3,939	759	3,847	564,77	5.741	-	6.634	*****		*****	*****	37777	55555	6.635
788 3.468 564.66 5.088 4.986 4.771 3.350 564.63 4.708 4.634 4.634 4.777 3.232 564.61 4.385 4.334 4.777 3.114 564.59 4.135 4.086 4.086 4.780 2.996 564.57 3.939 3.877 3.877 3.878 3.878 3.878 3.887 3.877 3.878 3.884 564.58 3.762 3.687 3.878 3.820 3.820 3.820 3.820 3.820 3.820 3.820 3.820 3.820 3.820 3.820 3.820	762	3,703	564.72	6.080	150000	5.944		25373		20025	*****	****	5.944
768 3,488 564,66 5,088 4,986 4,771 3,350 564,83 4,708 4,634 4,634 4,777 3,232 564,61 4,385 4,334 4,777 3,114 564,59 4,135 4,086 4,086 4,780 2,996 564,57 3,839 3,877 3,783 3,884 584,58 3,762 3,887	765	3.585	564.69	5,540	*****	5,406			10000	55050	A50000	35322	5.406
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858 1,624 564.40 1,805 1,788								*****		21114	48944		1.849
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864 1.592 564.39 1.756 1.737 1.					2000			****	-)	*****	*****	****	1,788
867					*****		(*****	*****	31111			1,762
870							****	*****	***	411	****		1.737
873 1.544 564.38 1.691 1.671 1								4,000			(man) (man)	37772	1,714
873 1.544 564.38 1.691 1.671 1			564.38		April 100		24112	100000	-	-		******	1,692
ATT ATT CAY OF A COO A COO	873	1.544	564.38		3 55755 23		-	*****	-	****	*****	*****	1.671
	876	1.528	564.38	1.672	-	1.651	-	*****			-10-17	1,000	1,651
879 1.512 564.38 1.653 1.631 1.63										******	TELEPINA /	(0.007)	1.631
882 1,497 584.38 1.634 1.612 1.612 1							-37572	NYTHER	77777	75750		-	1.612
885 1.481 584.37 1.817 1.594 1					,		ATTENDED OF	-	-	-	2=00	1000	1,593

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
000	£-205	564.37	1.500	F411-	1.575					*****	NAMES.	1.575
888	1,465	564.37	1,599 1,581	2000	1.557		22222	129925	000009			1.557
891	1.449	the Control of the Control	1.565		1.540		2000				MARKET.	1.540
894 897	1,433	564.37 564.37	1.548	Populary:	1.522	-			*****			1.522
	11,711	564.36	1.531		1.505	*****		23452	2222		****	1,505
900	1.401		1.515	1111111	1.488		2224		*****		EXECT:	1.488
903	1.385	564.36 564.36	1.498	(******	1.472	*****			*****	(TARRET		1,472
906	1.369	564.36	The second second		1.455	C-1000	A41978					1.455
909	1.353		1.482	****	1.438	*****		*****		3-8550=1	55555	1.438
912	1.337	564.36	1.466 1.450	(Hennis)	1,422	*****	3,20,00	****	55577	1285551		1.422
915	1.321	564.36			1.406	3000	-	>50555			50000	1.406
918	1.305	564,35	1.434	Comme	1.389		(******)	2000		3-30000		1.389
921	1.289	564,35	1,419	Centiff:	1.373	056505	-5555F	1200000	6.5556		-	1.373
924	1.274	564.35	1.403			3878		-5000000	2222			1.357
927	1.258	584.35	1.387		1.357	0.000	1865			3,000	35500	1.341
930	1.242	564.35	1.371	A CONTRACTOR OF THE PARTY OF TH	1.341	35115		2000	A. A	J. Mayor	9,500	1.324
933	1.226	564.34	1.356		1.325		1000 AND	1	-	4.0	2002	1.308
935	1.210	564.34	1,340	44.00	1,308	A COURT	1	-			1	1.292
939	1.194	564.34	1.324		1.292	7					0.00	1.275
942	1.178	564.34	1,308		1.276		15/4/4/5			10000		1.260
945	1,162	564.34	1.293	*****	1.260			7.2000000 7.2000000	-	5	202222	1.244
948	1.148	564.34	1.278	matte.	1.244	and the state of	-		200000	2222		1.228
951	1,130	564.33	1.262		1.228		22222					1,212
954	1.114	564.33	1,247	10000	1.212	*****				CATAL		1.196
957	1,098	564,33	1,231		1.196	*****	Someted!		Williams.	102422		1.180
960	1.082	564.33	1.216	-	1.180	494 H	W		Service.		- 1417-2-4-12	1.164
963	1.067	564.33	1.200		1.184		*****			0.000	(1.149
966	1.055	564.33	1.185	****	1 148						**************************************	1 134
969	1.047	564.32	1.171		1.134			E2755	-	****	-	1,120
972	1.040	564.32	1.158	****	1.120	*****	-					1.108
975	1.035	564.32	1,145		1.108			41.75.000	-50065	0.03		1.096
978	1.029	584.32	1.134			100000	-7850S	50000			-71-110°	1.086
981	1.023	564.32	1.124	75000	1.086						4, 1, 1, 1, 1,	1.076
984	1.018	564.32	1,114	100000	1,076	-			E-100-		5	1.067
987	1.012	564.32	1,106	0.000	1.067	-	300	*****			2000	1.058
990	1.006	564.32	1.097 1.089		1.049			200		William.		1.050
993	1.001	564.31	1.081	*****	1.049	202			=77.7			1.042
996 999	0.995	564.31 564.31	1.074		1.034	400		*****		7000		1,034
1002	0.984	564.31	1.067		1.027	200	150000	000-	-		2000	1.027
1005	0.978	564.31	1.061	-	1.020	-	HIPVG-	(hearth)	2777	11.53.11		1.020
1008	0.972	564.31	1.054	3000	1.013	77777	7		-	*****		1.013
1011	0.966	564.31	1.047	-	1.006	****				250000	35000	1.007
1014	0.961	564.31	1.041		1.000			1.000000				1.000
1017	0.955	564.31	1.035	5	0.994	44244	****				-	0.994
1020	0.949	564.31	1.029	****	0.987		2000		30000		-	0.988
1023	0.944	564.31	1.023		0,981	94444						0.981
		564.31	1.023		0.975				*****			0.975
1026	0.938	564.31	1.011	(Access)	0.969		(*****	-	*****	20000		0.969
1029	0.932	564.31	1.005	(40000)	0.963	(2000)	2.000	*****	31000	30000	-25502	0.963
1032	0.921	564.30	0.999	**************************************	0.957		634mm		Settine:	65570	-	0.957
1038		584.30	0.993		0.951	(2000)	CONT.	-05-001101				0.951
	0.915	564.30	0.988		0.951	2 00110 0	(Mariller		\$10000	******	250000	0.945
1041 1044	0.904	564.30	0.982	10000	0.939	2000		57766.9	******		100000	0.940
		564.30	0.962	*****	0.934			Taranta de la composição		255.2 2(.	A STATE OF	0.934
1047	0.898	004,00	0.870	-716/2	0.834	H-800-E-1		7.7.7.7	Vanishin)		OF THE	-

			21	1000	E1. E	-		W	W- 0	W- D	Eusii.	Outland
Time	Inflow	Elevation	CIV A	CIV B	CIV C	PfRsr	Wr A	Wr B	Wr C	Wr D	Exfil cfs	Outflow
(min)	cfs	ft	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	CIS	CIS
1050	0.892	564.30	0.971	BH 64*	0.928		0-2000 #######	****	00000	****		0.928
1053	0.887	584.30	0.965	Vaccore	0.922	40040	20000	****				0.922
1056	0.881	584.30	0.960		0.916	20000	22222					0.916
1059	0.875	564.30	0.955	Anne	0.912	12000	-		*****		*****	0.912
1062	0.870	564.30	0.950	935000	0.907	****	2222	****	*****		*****	0.907
1065	0.864	564.30	0.946		0.903		****		****	Table 1872	*****	0,903
1068	0.858	564.30	0.940	O draca	0.898	Owner.	*****		****		52555	0.898
1071	0.852	564.30	0.936		0.893			CHECK	,may.e.s	3000		0.893
1074	0.847	564.30	0.931	haran.	0.888	D. Marie Marie	30000	Second.	*****	5.25542		0.888
1077	0.841	564.30	0.925	F-100-1	0.883	Center	Sebbed C	Salassa		****		0.883
1080	0.835	564.29	0.920		0.878	Catalon:	ERSTANCE C	****	-	*****	******	0.878
1083	0.830	564.29	0.914		0.873			*****	25557	*****		0.873
1085	0.834	564.29	0.909	55555	0.868	155555-	-00000000 -000000000000000000000000000	SAME OF SAME		. 2017		0.868
1089	0.818	564.29	0.904		0.862	7.5555		ACCORDO	27777	**************************************	Edition .	0.862
	0.813	564.29	0.898	000000	0.857	*****			enteren.	Variable:		0.857
1092 1095	0.807	564.29	0.893		0.852	200000		The section of the second				0.852
1098	0.801	564.29	0.887		0.846				-0245	1000	55000	0.846
	0.795	564.29	0.881		0.841		Symple	120000	<u> </u>	Versions	200	0.841
1101 1104	0.790	564.29	0.875		0.835		25/7/22/7	4-200	Office (0.835
1107	0.784	564.29	0.870		0.830	2000			2000		2220	0.830
1 A 1 A 2 A 2 A 3 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4	0.778	564.29	0.864	7.00	0.824		200000	52000		Service	*****	0.824
1110	0.773	564,29	0.858	*****	0.819	0.755	2000		-	100000	30000	0.818
1116	0.767	564.28	0.852		0.813	0.000-0			704000	Library.		0.813
1119	0.761	564.28	0.847	20000	0.808		14046		*****		-	0.808
1122	0.755	564.28	0.841		0.802					KANDO	Salari de O	0.802
1125	0.750	564.28	0.835	Helbh	0.797		*****	200000	PROPERTY.	*****	(5 1114)	0.797
1128	0.744	564.28	0.829	94645	0.791	*****				4656	D ennie S	0.791
1131	0.738	564.28	0.823		0.785		-558	******				0.785
1134	0.733	564.28	0.823	*****	0.779	*****	(2-00-00)			*****	*****	0.780
1137	0.727	564.28	0.812		0.774		(State)	XIXXXX				0.774
	0.721	564.28	0.808		0.768						=5000000	0.768
1140	0.715	584.28	0.800	37777	0.763	-		******	3////	77.835	eeron'/	0.763
	0.710	564.28	0.794	****	0.757	******	2002	FF355	3000	(10,000		0.757
1145		564.28	0.788		0.752	******				2000		0.751
1149	0.704	564.27	0.782	3-5000	0.746		3975		(5,000E)	5000		0.746
1152 1155	0.698	564.27	0.776		0.740			25/12/		200	=30N=	0.740
	0.687	564.27	0.770		0.734		72.4			764		0.734
1158 1161	0.681	564.27	0.764		0.729)===:	2000		464	5500053	0,729
1164	0.675	564.27	0.758		0.723	14406	NAME OF THE PARTY.	-	12000	7.10		0.723
1167	0.670	564.27	0.752		0.723	Section	12000				-	0.717
1170	0.684	584.27	0.747	- Street	0.712				5000		3000	0.712
1173	0.658	564.27	0.741		0.706	44555	-	500000	(2200)			0.706
	0.653	564.27	0.735	-2004	0.700	1 (2000)	0.000		****	2222	-	0.700
1176 1179	0.647	564.27	0.730		0.694				Carrier:	30000	(1000000)	0.694
		564.27	0.723		0.689		*****		(0.689
1182	0.641	564.27	0.717		0.683	(() () ()				(0.683
1185 1188	0.635 0.630	564.26	0.711		0.677	1	0) 00(0)(0)			TEXAS	37000	0.677
			0.705	5 88888 3	0.671	*****	C alabar	HALLE A			>555555-	0.672
1191	0.624	584.28	0.705		0.566	(40000)) beteich		(30505-	-550-0		0.666
1194	0.618	564.26 564.26	0.693	*****	0.660	25/11/55	1700		(/ <u>55000</u>	200000000		0.660
1197	0.613		0.687		0.655	Contract of the contract of th	900000	200			ANUE	0.654
1200	0.607	584.26		(5000E)	0.649	5 55555 3	F-111.		1/88888	0.0000	Marie A	0.649
1203	0.602	564.26	0.681 0.675		0.648	======	120,20,0	The state of	0.00	2000/H1 k	NAME OF	0.643
1206	0.598	564.26				127703		- H. H H L.		CHINE	direct	0.638
1209	0.595	564,26	0.670	200	0.838					-		0.000

Time	Inflow	Elevation	Civ A	CIV B	CIV C	PfRsr	WrA	Wr B	Wr C	Wr D	Exfil	Outflow
(min)	cfs	ft	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs
(mm)	23.50	3.53	(2552)	11/2002/11		102257	801902	1755	5004,000,0			J. T. S.
1212	0.594	564.28	0.665	*****	0.633		*****		200	****		0.633
1215	0.593	564.26	0.660	75000	0.628	-		4444	****			0.629
1218	0.592	564.26	0.656		0.624	-		*****		*****	*****	0.624
1221	0.590	564.26	0.652		0.621	144.40		****			*****	0.621
1224	0.589	564.26	0.649		0.617	-	100000000000000000000000000000000000000	****	****	****	****	0.617
1227	0.588	584.28	0.645		0.614	100000					*****	0.614
1230	0.587	564.25	0.642		0.611			*****		*****	****	0.611
1233	0.586	564.25	0.639		0.608	102250	T11110	Course.		*****		0.608
1238	0.585	564.25	0.637	00000	0.606				(Charles)	- Holomore	****	0.606
	0.584	564.25	0.634		0.603	Harrier .		0.44444	(1)	0.000	Constitution of	0.603
1239	A THE RESERVE THE PARTY OF THE	The second secon	The Park Control of the Park Control		0.601					-	2000	0,601
1242	0.582	564,25	0.631	*****	The second secon			(excert				0.599
1245	0.581	564.25	0.629	Notice!	0.599		*****			(45555)	======	0.597
1248	0.580	564.25	0.827	55656	0.597	**************************************	*****	*****	(25555)	4,4,4,5	=5500	0.595
1251	0.579	564.25	0.625	*****	0.595				2000	NAME OF	******	
1254	0.578	564.25	0.623	*****	0.593	55555	50003	*****	*****		Mary Comment	0.593
1257	0,577	564.25	0.622	*****	0.591	MANAGE.	****			0.000		0.591
1260	0.576	584.25	0.619	45555	0.589		57785	27777				0.589
1263	0,575	564.25	0.618	*****	0.588	ATTENDED.	277.50		STATE	A STATE OF	-	0.588
1266	0.573	564.25	0.616	17-1-1	0.586	750000	-		-			0.586
1269	0.572	584.25	0.615		0.585							0.585
1272	0.571	564.25	0.613	*****	0.583						*****	0.583
1275	0.570	564.25	0.612	****	0.582		-	*****			*****	0.582
1278	0.569	564.25	0.610		0.580	10.00 Married		++++		****	*****	0.580
1281	0.568	564.25	0.609		0.579			-	*****	-	*****	0.579
1284	0.567	564,25	0.608	****	0.578	-	2000				*****	0,578
1287	0.565	564.25	0.608	2003	0.577	SHW. *.		20020	****	*****	-	0.576
1290	0.564	564.25	0.605	****	0.575			*****	*****	*****	****	0.575
1293	0.563	564.25	0.603	120000	0.574	*****			****	****	*****	0.574
1296	0.562	584.25	0.602	****	0.572	****	****	***	*****	****		0.573
1299	0.561	564.25	0.601	(40444)	0.571			****		*****	2000	0.571
1302	0.560	564.25	0.599	*****	0.570	****	****	*****		****	****	0.570
1305	0.559	564.25	0.598	****	0.569	*****		*****	****	,,,,,,,	-	0.569
1308	0.557	564.25	0.597		0.568	Tenned.	Seattle:	****		****	*****	0.568
1311	0.556	564,25	0.596	Birdel	0.566				****	22722		0.566
1314	0.555	564.25	0.594	-	0.565				*****		20000	0.565
1317	0.554	584.25	0.593		0.564			*****	-	*****		0.564
1320	0.553	584.25	0.592	Section C	0.563		*****					0,563
1323	0.552	584.25	0.591		0.562	g manzirir S izanas o		-123	*****		••••	0.562
1328	0.551	584.25	0.590		0.561		1955		TIL.	40000		0,560
1329	0.549	564.25	0.588		0.559		*****		100	60274		0.559
1332	0.548	564.25	0.587		0.558	1000	100	7	1000	2000	1	0.558
1335	0.547	564.25	0.586	150000	0.557	1	100000	-	Vaviero	-		0.557
	0.546	564.25	0.584		0.556			*****	-	-	200	0.556
1338												0.555
1341	0.545	564.25	0.583	-	0.554	194419	p++++	*****	(() () ()			
1344	0.544	564.25	0.582		0.554				-	-	*****	0.553
1347	0.543	564.25	0.581		0.552	-	H4992	222	(-	4444	0.552
1350	0.541	564.25	0.580		0.551	-	A-14.00.000	*****	Gallita		0.45	0.551
1353	0,540	564.25	0.578	******	0,550			*****			-	0.550
1356	0.539	564.25	0.577	-	0.549	(m)		****		*****		0.549
1359	0.538	564.25	0.576	*****	0.548	*****	****	31000E		9	186685	0,548
1362	0.537	564.25	0.575	****	0.547	10000			****	*****	BOTTON.	0.547
1365	0.536	564.25	0.574	31112	0.545		*****	-	55000	5550C		0.545
1368	0.535	584.24	0.572	*****	0.544		*****		-	*****	*****	0.544
1371	0.534	564.24	0.571	*****	0.543		1200	57/0E	33,000	34.11		0.543

Time (min)	inflow	Elevation ft	Civ A	Clv B	Clv C	PfRsr cfs	Wr A	Wr B	Wr C	Wr D	Exfil cfs	Ot C
4.1.1.1.1.	0.500	564.24	0.570	2012	0.542				20200			C
1374	0.532	A CONTRACTOR OF THE PARTY OF TH	100000000000000000000000000000000000000		100							Ċ
1377	0.531	564.24	0.569	- ETT.	0.541	*****					****	
1380	0.530	564.24	0,568		0.540			*****				Č
1383	0.529	564.24	0,566		0.538		*****		****			
1386	0.528	564.24	0,565	****	0.537	***	*****				58555	C
1389	0.527	564.24	0.564	****	0.536		*****		****	+ T. T. II +	****	C
1392	0.526	564.24	0.563		0.535	****	****	CHANGE:				E
1395	0.524	564.24	0.562	**************************************	0.534	4444	*****	****				E
1398	0.523	564.24	0.560	-	0.533	****		****		****	55555	C
1401	0.522	564.24	0.560	10000	0.532	*****		*****	-			Ç
1404	0.521	564.24	0.558		0.531			(****** ***	A 20 10 10 10		200000	E
1407	0.520	564.24	0.557	-	0.529	(erre)	***	5 40000			****	E
1410	0.519	564.24	0.556	-	0.528	Column C	****	(40000		*****		Ç
1413	0.518	564.24	0.555	*****	0.527		****	*****	****	*****	*****	
1416	0.516	584.24	0.554	*****	0.526	V	****	A 44 44 45 10		· ******		C
1419	0.515	564.24	0.552	0.00	0.525		*****		1. A. W. P. A.	17000	22525	Ç.
1422	0.514	564.24	0.551		0.524				CHEST V	DOTESTA:		Č.
1425	0.513	564.24	0.550		0.522		CONTRACTOR OF	-	-		Approximation	6
1428	0.512	564.24	0.549	53355	0.522			2222	20000	(200		C
1431	0.511	564.24	0.548		0.520			·		*****	*****	Ç.
1434	0.510	564.24	0.546	TOTAL CONTRACTOR	0.519	2000	200			****		C
1437	0.508	564.24	0.545	1000	0.518	Thirty-	****	-		****	Seine un	C
1440	0.507	564.24	0.544	1.000	0.517	****		100000		Name of	***	C
1443	0,405	564.24	0.537		0.510	-	EN 110000	Mary Service	weren't	-		¢
1448	0.202	564.24	0.513	The section of the se	0.487	-	****		-	-	(0
1449	0.067	564.23	0.471	*****	0.447	*****			****	0.000	(1111)	C

End

Pond Report

Hydraflow Hydrographs by Intelisoive v9.2

Pond No. 2 - Revised Basin LFB

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Beginning Elevation = 581.82 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	561.82	00	0	0
0.18	562.00	46	3	3
1.18	563.00	8.265	2,975	2,978
2.18	564.00	9,470	8.860	11,836
3 18	565.00	10.743	10.099	21,937
4.18	566.00	12,052	11,405	33,342
5.18	567 00	13,488	12,777	46,119

Weir Structures Culvert / Orifice Structures [D] [A] [C] [A] [B] [C] [PrfRsr] [B] 0.00 0.00 0.00 = 36.00 = 14.82 Rise (in) Inactive 15.00 0.00 Crest Len (ft) = 586 02 0.00 0.00 0.00 Span (In) = 36.00 13.00 23:00 0.00 Crest El. (ft) 3.33 3 33 3,33 = 3.33 = 4 2 Ů Weir Coeff. No. Barrels Invert El. (ft) = 551.82 561.62 564.13 0.00 Weir Type = Rect ---= 32.00 0.00 0:00 = Yes No: No. No Length (ft) 0.00 Multi-Stage = 0.59 0.00 0.00 n/a Slope (%) = .013 .013 .013 n/a N-Value = 0.000 (by Wet area) Orifice Coeff. = 0.60 0.60 0.60 0.60 Exfit (in/hr) = 0.00 = n/a No Yes No TW Elev. (ft) Multi-Stage

Next, Cultimi/Certice curticava are (malyzed unique (niler (ic) and outlet (oc) control. Were reer's checked for ontice condition) (o) and authrespence (s).

Stage / Storage /	Discharge	Table	
-------------------	-----------	-------	--

0.00 0.02	cuft 0 0	ft . 561.82	cfs	cfs	cfs	- T-							
0.02	0	581.82	THE RESERVE		0.0	cis	cis	cts	cfs	cis	cfs	cfs	cis
	0	Service Co.	0.00	0.00	0.00	(H)	0.00		ette:		***	900	0.000
		561.84	0.00	0.00	0.00	044	0.00				1000	Name .	9,000
0.04	2.40	561.86	0.00	0.00	0.00	-	0.00	944	440		-	*** ·	0.000
0.05	4	561.87	0.00	0.00	0.00	3 TAT	0.00		2570	. 222	-	AND T	0.000
0.07	21	561 89	0.00	0.00	0.00	***	0.00	3 21	***		***	146	0.000
0.09	1.4	561.91	0.00	0.00	0.00	1000	0.00		***		1,000	1000	0.000
0.11	2	561.93	0.00	0.00	0.00	200	0.00	***	***		-		0.000
0.13	2	581.95	0.00	0.00	0.00	1000	0.00		****	5455	***	***	0.000
0.14	2	551.98	0.00	0.00	0.00		0.00	2		444	644	***	0.000
0.16	2 2	561.98	0.00	0.00	0.00	(440)	0.00	***	***	***	-	****	0.000
0.18	3	562.00	0.00	0.00	0.00		0.00	-	***	***	-		0.000
0.28	300	562:10	0.00	0.00	0.00	0440	0.00		200	400	***	***	0.000
0.38	598	562.20	0.00	0.00	0.00		0.00	****				***	0.000
0.48	895	562,30	0.00	0.00	0.00	22	0.00	500	446	- C	-		0.000
0.58	1,193	562.40	0.00	0.00	0.00	100	0.00	***		-277	100	****	0.000
0.68	1,491	562.50	0.00	0.00	0.00		0.00	544	100	444	-	***	0.000
0.78	1,788	562.60	0.00	0.00	0.00	Carre C	0.00	-	200	-	944	***	0.000
0.86	2.066	562.70	0.00	0.00	0.00	1	0.00	V	200	-	1	200	0.000
0.98	2,383	562.80	0.00	0.00	0.00		0.00	00000	***	Cond	Carren.	****	0.000
1.08	2,681	562.90	0.00	0.00	0.00	100	0.00	7.25	200	755		32.	0,000
1.18	2.978	563.00	0.00	0.00	0.00	- T	0.00	0		0.644	100	***	0.000
1.28	3.864	563.10	0.00	0.00	0.00		0.00	U TOTAL					0.000
1.38	4.750	563.20	0.00	0.00	0.00	100	0.00	1		***			0.000
1.48	5.636	563.30	0.00	0.00	0.00	***	0.00	100		p==4		227.0	0.000
1.58	6 522	563.40	0.00	0.00	0.00	-	0.00		100	***	200	100	0.000
1.68	7.408	563.50	0.00	0.00	0.00	***	0.00	New C	area.		been to	***	0.000
1.78	8.294	563:60	0.00	0.00	0.00		D.00		her.	-		-	0.000
1.88	9,180	563.70	0.00	0.00	0.00	***	0.00	100	. back	1,640.7	****	***	0.000
1.98	10,088	563,80	0,00	0.00	0.00	11.5	0.00	EE-	444	and .	0.00	77.0	0.000
2.08	10,952	563.90	0.00	0.00	0.00	***	0.00	***	***	000		775	0.000
2.18	11,838	564.00	0.00	0.00	0.00		0.00		-			-	0.000
2.28	12,848	564.10	0.00	0.00	0.00	200	0.00		5000	***		200	0.000
2.38	13,858	564.20	0.26 lc	0.00	0.24 (c.		0.00					777	0.241
2.48	14.868	564 30	0.96 ic	0.00	0.91 6	200	0.00	Marie	117	710			0.914
2.58	15,878	564.40	1.85 00	0.00	1,83 /c	***	0.00	555	-711	***	***	-	1.830

Continues on next page...

Friday, Sep 9, 2016

Revised Basin LFB Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	CIV A	Clv B	Clv C	PrfRsr cfs	Wr A	Wr B	Wr C	Wr D cfs	Exfii cfs	User cfs	Total
2:68	16 888	564.50	3.06 ac	0.00	2:94 ic	-	0.00	20 5	Ores	***	***	***	2.935
2.78	17,897	564.60	4.24 00	0.00	4.20 ic	***	5.00	***	***		Here's	to and	4.203
2.88	18,907	564.70	5.76 oc	0.00	5,61 ic	with	0.00		***		***	411	5.514
2.98	19,917	564.80	7.24 oc	0.00	7.15 ic	200	0.00	777	3022	V-2	***	***	7.154
3.08	20,927	564.90	5.98 oc	0.00	8.81 ic	300	0.00	47.0	***	-	134	-	8.815
3.18	21,937	565.00	10.73 oc	0.00	10.59 ic	-	0.00	***	-0-0	***		777	10.52
3.28	23,077	565.10	12.61 00	0.00	12.47 ic		0.00	Later Land	444		-	72.0	12.47
3.38	24,218	565.20	14.49.00	0.00	14 44 lc	300	0.00				14.50	1995	14.44
3.48	25.358	555.30	15.56 00	0.00	16.52 ic	-	0.00	-22	TANKS 1	-	10.2	***	16,52
3.58	26,499	555.40	18.55 oc	0.00	18,53 ic	-	0.00	***	3990		270	(mark)	18.53
3.58	27.639	565.50	18.96 oc	0.00	18.96 ic	****	0.00	10000	- CT	440		Logic	18.96
3.78	28,780	565,60	20.02 00	0.00	20 02 ic	7.00	0.00	***	***	40.1	400	+44	20.02
3.88	29,920	565,70	21.03 oc	0.03	21.03 ic	443	0.00	200	1000		.777	0.000	21.03
3.98	31,061	565,80	21.99 oc	0.00	21.99 ic	044	0.00	501	p++0	***	***	433	21,99
4.08	32,201	565.90	22.91 pc	0.00	22.91 ic	***	0.00		5.544	35			22.91
4.18	33,342	566,00	23.80 oc	0.00	23 80 lc	***	0.00	***	120				23.80
4.28	34,619	555.10	25.62 oc	0.00	24.40 ic	100	1.12	444	Care:	-	(4-4)	***	25.52
4.38	35,897	566.20	28.36 pc	0.00	24.59 ic		3:77	***	1556	7.000	444	***	28.36
4.48	37,178	566 30	31.79 oc	0.00	24 48 ic	***	7,31	-	144		100	344	31.78
4.58	38,453	856.40	35.61 oc	0.00	24.05 ic	***	11.55	***	See.	***	-513	1700	35.61
4.68	39.730	556.50	39.71 oc	0.00	23.31 ic	14	16.40	100		444	***	***	39.71
4.78	41,008	666,60	44.01 oc	0.00	22.22 ic	1449	21.79	444	bine":	***	(a +)		44.01
4.88	42.288	566.70	48.41 00	0.00	20.75 ic	-	27.66		100	1.79		-	48.41
4.98	43,564	568.80	52.52 oc	0.00	19.10 ic	***	33 42 5			100		200	52.52
5.08	44,841	566.90	55.87 oc	0.00	17,90 ic		37:77 s	***	***	-			55.67
5.18	46,119	567.00	58.42 oc	0.00	16.85 ic	F	41.56 B	-977	110	-		3111	58 41

...End