Attachment D

Troy Bedrock Valley Groundwater Modeling Summary

																		See Exhibit 11-18						See Exhibit 11-19		
							Deep and Shallow Aquifers Alternative, Total Pumping in Shallow of 6.4 mgd							Shallow Aquifer and Fox River Alluvium Alternative, Total Pumping in Shallow of 10.9 mgd						Shallow Aquifer and Fox River Alluvium Alternative, Total Pumping in Shallow of 10.9 mgd Using more Wells					
							RUN 1-2							RUN 2-1						RUN 2-2					
	Well Depth (ft)	Layer the Well is Pumping From	Elevation of the Layers 4 & 5 (ft)			Overall Thickness of Glacial Sediments - Ground Surface to Bottom of Layer 5 (ft)	Baseline Groundwater Elevation Layer 4 (ft)	Baseline Groundwater Elevation Layer 5 (ft)	Simulated Groundwater Elevation Layer 4 (ft)	Simulated Groundwater Drawdown Layer 4 (ft)	Drawdown Below Base of Layer 4 (YES/NO)	Simulated Groundwater Elevation Layer 5 (ft)	Simulated Groundwater Drawdown Layer 5 (ft)	Drawdown Below Base of Layer 5 (YES/NO)	Simulated Groundwater Elevation Layer 4 (ft)	Simulated Groundwater Drawdown Layer 4 (ft)	Drawdown Below Base of Layer 4 (YES/NO)	Simulated Groundwater Elevation Layer 5 (ft)	Simulated Groundwater Drawdown Layer 5 (ft)	Drawdown Below Base of Layer 5 (YES/NO)	Simulated Groundwater Elevation Layer 4 (ft)	Simulated Groundwater Drawdown Layer 4 (ft)	Drawdown Below Base of Layer 4 (YES/NO)	Simulated Groundwater Elevation Layer 5 (ft)	Simulated Groundwater Drawdown Layer 5 (ft)	Drawdown Below Base of Layer 5 (YES/NO)
			c								e						e						e			
WELL	a	b	Bottom of Layer 4	Top of Layer 4	Bottom of Layer 5	d																				
11	224	4 & 5	696	719	606	234	803	803	765	38	NO	765	38	NO	728	75	NO	707	96	NO	763	40	NO	763	40	NO
12	228	4 & 5	692	718	602	238	806	806	770	36	NO	769	37	NO							768	38	NO	767	39	NO
13	219	4 & 5	701	707	611	229	801	802	765	36	NO	767	35	NO	709	92	NO	714	88	NO	764	37	NO	765	37	NO
L-1	206	4 & 5	694	718	604	216	787	793	735	52	NO	756	37	NO	672	115	YES	560	233	YES	731	56	NO	749	44	NO
L-2	222	4 & 5	668	698	578	232	787	792	732	55	NO	753	39	NO							729	58	NO	746	46	NO
L-3	237	4 & 5	643	678	553	247	787	793	737	50	NO	754	39	NO	687	100	NO	605	188	NO	735	52	NO	748	45	NO
L-4	228	4 & 5	652	684	562	238	787	794	734	53	NO	752	42	NO							732	55	NO	745	49	NO
L-5	207	4 & 5	673	702	583	217	787	794	736	51	NO	752	42	NO	678	109	NO	590	204	NO	732	55	NO	746	48	NO
FRA-1	159	4 & 5	721	739	631	169	782	787							681	101	YES	461	326	YES	779	3	NO	772	15	NO
FRA-2	170	4 & 5	710	735	620	180	783	790													768	15	NO	765	25	NO
FRA-3	153	4 & 5	727	746	637	163	782	790							670	112	YES	410	380	YES	773	9	NO	767	23	NO
FRA-4	142	4 & 5	738	753	648	152	785	792							667	118	YES	438	354	YES	756	29	NO	767	25	NO
T-1	276	4 & 5	604	691	514	286	799	807	760	39	NO	743	64	NO							754	45	NO	732	75	NO
T-2	263	4 & 5	627	704	537	273	804	808	756	48	NO	740	68	NO	748	56	NO	718	90	NO	749	55	NO	726	82	NO
T-3	292	4 & 5	588	682	498	302	795	806	760	35	NO	744	62	NO	746	49	NO	704	102	NO	754	41	NO	729	77	NO
T-4	169	4 & 5	741	742	651	179	816	816	752	64	NO	750	66	NO							745	71	NO	745	71	NO
T-5	180	4 & 5	730	731	640	190	819	818	748	71	NO	753	65	NO	742	77	NO	740	78	NO	742	77	NO	739	79	NO
T-6	190	4 & 5	730	731	640	200	822	822	755	67	NO	757	65	NO	746	76	NO	745	77	NO	746	76	NO	743	79	NO
T-7	188	4 & 5	712	714	622	198	815	825	793	22	NO	756	69	NO							788	27	NO	736	89	NO
T-8	313	4 & 5	617	749	527	323	838	828	804	34	NO	777	51	NO							788	50	NO	751	77	NO
T-9	317	4 & 5	593	738	503	327	833	824	800	33	NO	773	51	NO							786	47	NO	750	74	NO
T-10	377	4 & 5	598	768	508	387	845	832													801	44	NO	760	72	NO
T-11	332	4 & 5	668	713	578	342	855	842													809	46	NO	763	79	NO
T-12	340	4 & 5	670	714	580	350	857	848													809	48	NO	775	73	NO
T-13	397	4 & 5	533	581	443	407	815	815													751	64	NO	752	63	NO
T-14	341	4 & 5	619	634	529	351	825	824													751	74	NO	750	74	NO
T-15	323	4 & 5	647	696	557	333	831	831													773	58	NO	771	60	NO
T-16	341	4 & 5	579	588	489	351	804	805													732	72	NO	732	73	NO
T-17	330	4 & 5	640	641	550	340	801	801													734	67	NO	733	68	NO
T-18	205	4 & 5	695	696	605	215	789	789													757	32	NO	753	36	NO
T-19	256	4 & 5	694	695	604	266	811	811													763	48	NO	754	57	NO
T-20	322	4 & 5	638	639	548	332	820	820													764	56	NO	756	64	NO