Appendix A

INTEC Area Aquifer Well Construction Summary

Table A-1. The INTEC area aquifer well construction summary.

INEEL Name	Year Installed	Monument Location Easting (ft)	Northing (ft)	Elevation (ft)	Total Depth (ft)	Borehole Diameter Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Information Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Type	Notes On Aquifer Stratigraphy
CPP-1	1950	296675	696666	4913	586	0.0	585.5	20.0	459.90	485.90	16.0	P	No log in anderson database
									527.40	576.80	16.0	P	
CPP-2	1951	296166	696665	4915	605	0.0	605.3	24.0	458.30	483.30	16.0	P	TOS in I(2) flow, BOS in K(1) flow
									551.10	600.25	16.0	P	HI interbed 350 to 361 ft
CPP-3	1950	296569	694813	4914	598	0.0	598.0	24.0	412.00	452.00	16.0	P	TOS in DE(7) flow, BOS in I(2) flow
									417.00	422.00	10.0	P	HI interbed 519 to 526 ft
									430.00	NF	12.0	P	
									445.00	588.00	10.0	P	
									490.00	593.00	16.0	P	
CPP-4	1983	297948	697487	4907	700	0.0	50.0	30.0	450.00	700.00	12.0	P	TOS in E(1) flow, BOS in J(1) flow
						50.0	130.0	24.0					HI interbed not present???
						130.0	450.0	20.0					
						450.0	700.0	16.0					
ICPP-MON-A-021	1995	298848	697457	4904	486	0.0	22.0	22.0	450.50	480.50	5.0	SLS	
						22.0	27.5	17.5					
						27.5	485.5	9.8					
ICPP-MON-A-022	1995	298828	695336	4907	585	0.0	510.0		490.00	510.00	5.0	SLS	

Table A-1. (continued).

INEEL Name	Year Installed	Monument Location Easting (ft)	Northing (ft)	Elevation (ft)	Total Depth (ft)	Borehole Diameter Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Information Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Type	Notes On Aquifer Stratigraphy
LF2-08	1988	294362	682879	4932	526	0.0	526.0	12.0	483.50	495.00	6.0	SL S	TOS in E(1) flow, BOS in E(1) flow
													HI interbed not encountered
LF2-09	1988	294198	682901	4932	676	0.0	676.0	10.0	469.60	497.00	4.0	SL S	TOS in DE8(1) flow, BOS in E(1) flow
													H interbed encountered 625 to 639 (TD)
LF2-10	1988	294274	682831	4932	816	0.0	627.0	12.0	725.00	735.00	6.0	P	TOS in I(1) flow, BOS in I(2) flow
									735.00	745.00	6.0	P	Interbeds: H(1) 620 to 641, HI(1) 641 to 669,
						627.0	820.0	8.0	755.00	765.00	6.0	WW	IJ(1) interbed 803 to 810
LF2-11	1989	295463	684292	4928	511	0.0	510.9	10.0	466.00	499.00	4.0	SL S	TOS in DE8(1) flow, BOS in DE8(1) flow
													HI interbed not encountered
LF2-12	1990	294022	682926	4933	517				470.00	492.00			TOS in DE8(1) flow, BOS in DE8(1) flow
													HI interbed not encountered
LF3-08	1988	291544	683112	4940	525	0.0	525.0	12.0	500.00	510.00	6.0	SL S	TOS in E(1) flow, BOS in E(1) flow
													HI interbed not encountered
LF3-09	1990	291518	682825	4941	517				480.00	500.00			TOS in DE8(1) flow, BOS in DE8(1) flow

Table A-1. (continued).

INEEL Name	Year Installed	Monument Location Easting (ft)	Northing (ft)	Elevation (ft)	Total Depth (ft)	Borehole Diameter Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Information Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Type	Notes On Aquifer Stratigraphy
						37.0	394.7	8.0					TOS in DE8(1) flow, BOS in G(1) flow
						394.7	567.1	6.0					Interbeds not encountered below WL
USGS-37	1955	293222	689920	4930	573	0.0	41.5	12.0	507.00	571.50	6.0	OH	WL in E(1) flow
						41.5	197.0	10.0					TOS in EF(1) flow, BOS in G(1) flow
						197.0	507.0	8.0					Interbeds not encountered below WL
						507.0	573.0	6.0					
USGS-38	1955	293575	689567	4930	729	0.0	26.0	12.0	678.00	729.00	4.0	OH	WL in E(1) flow
						26.0	156.0	10.0					TOS in I(2) flow, BOS in J(1) flow
						156.0	505.0	8.0					Interbeds: HI(1) 596 to 601, IJ(1) 700 to 705
						505.0	729.0	6.0					
USGS-39	1955	292258	691691	4933	572	0.0	48.0	12.0	46.60	571.89	varies	OH	WL in E(1) flow
						48.0	152.0	10.0					TOS in B(1) flow, BOS in HI(1) interbed
						152.0	507.0	8.0					Interbeds: HI(1) 568 to 572
						507.0	572.0	6.0					
USGS-40	1956	295936	694539	4916	678.8	0.0	220.0	11.5	456.17	678.80	4.0	P	WL in EF(1) flow
						220.0	447.0	8.0					TOS in E(1) flow, BOS in I(2) flow

Table A-1. (continued).

INEEL Name	Year Installed	Monument Location Easting (ft)	Northing (ft)	Elevation (ft)	Total Depth (ft)	Borehole Diameter Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Information Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Type	Notes On Aquifer Stratigraphy
						447.0	678.8	6.0					Interbeds: HI(1) 527 to 527
USGS-41	1956	295936	694138	4917	674.4	0.0	428.1	8.0	428.09	674.40	6.0	OH	WL in EF(1) flow
						428.1	674.4	6.0					TOS in DE8(1) flow, BOS in J(1) flow
													Interbeds: HI(1) 530 to 534
USGS-42	1957	295936	693637	4918	678.45	0.0	34.0	12.0	452.52	678.45	6.0	OH	WL in EF(1) flow
						34.0	452.5	10.0					TOS in EF(1) flow, BOS in J(1) flow
						452.5	678.5	6.0					Interbeds: none encountered below WL
USGS-43	1957	295720	694857	4916	675.8	0.0	54.0	12.0	450.54	675.80	6.0	OH	WL in F(1) flow
						54.0	450.5	10.0					TOS in E(1) flow, BOS in J(1) flow
						450.5	675.8	6.0					Interbeds: HI(1) 516 to 520
USGS-44	1957	295248	694242	4919	650	0.0	35.0	12.0	461.00	650.00	6.0	OH	WL in E(1) flow
						35.0	385.0	10.0					TOS in EF(1) flow, BOS in I(2) flow
						385.0	461.0	8.0					Interbeds: none encountered below WL, also
						461.0	650.0	6.0					Note H flow not encountered this borehole
USGS-45	1957	295490	693598	4920	651.21	0.0	53.0	12.0	461.00	651.51	6.0	OH	WL in EF(1) flow

Table A-1. (continued).

INEEL Name	Year Installed	Monument Location Easting (ft)	Northing (ft)	Elevation (ft)	Total Depth (ft)	Borehole Diameter Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Information Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Type	Notes On Aquifer Stratigraphy
						53.0	133.0	10.0					TOS in E(1) flow, BOS in I(2) flow
						133.0	461.0	8.0					Interbeds: HI(1) 541 to 550
						461.0	651.2	6.0					
USGS-46	1958	295722	694023	4917	650.86	0.0	45.0	12.0	461.33	650.86	6.0	OH	WL in E(1) flow
						45.0	268.0	10.0					TOS in E(1) flow, BOS in I(2) flow
						268.0	461.3	8.0					Interbeds: HI(1) 542 to 548
						461.3	650.9	6.0					
USGS-47	1958	296572	694110	4916	651.3	0.0	41.0	12.0	458.14	651.30	6.0	OH	WL in E(1) flow
						41.0	460.0	8.0					TOS in E(1) flow, BOS in I(2) flow
						460.0	651.3	6.0					Interbeds: HI(1) 532 to 537
USGS-48	1958	296612	693414	4917	750	0.0	32.0	12.0	462.10	750.00	6.0	OH	WL in E(1) flow
						32.0	462.1	8.0					TOS in E(1) flow, BOS in K(1) interbed
						462.1	750.0	6.0					Interbeds: HI(1) 549 to 552, K(1) 739 to TD
USGS-49	1960	297232	693640	4913	656	0.0	129.0	16.0	458.29	656.00	6.0	OH	WL in DE8(1) flow
						129.0	458.0	8.0					TOS in DE8(1) flow, BOS in I(2) flow
						458.0	656.0	6.0					Interbeds: HI(1) 540 to 542
USGS-51	1960	296348	692343	4918	659	0.0	68.0	12.0	475.20	659.00	6.0	OH	WL in E(1) flow

Table A-1. (continued).

INEEL Name	Year Installed	Monument Location Easting (ft)	Northing (ft)	Elevation (ft)	Total Depth (ft)	Borehole Diameter Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Information Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Type	Notes On Aquifer Stratigraphy
						68.0	475.2	8.0					TOS in E(1) flow, BOS in I(2) flow
						475.2	659.0	6.0					Interbeds: HI(1) 561 to 565
USGS-52	1959	297968	694831	4910	650	0.0	248.0	16.0	450.00	650.00	6.0	OH	WL in DE7(1) flow
						248.0	264.0	12.0					TOS in DE6(1) flow, BOS in I(2) flow
						264.0	450.0	10.0					Interbeds: HI(1) 526 to 531
						450.0	650.0	6.0					
USGS-57	1960	294867	691752	4923	732	0.0	52.0	12.0	477.00	732.00	6.0	OH	WL in E(1) flow
						52.0	465.0	10.0					TOS in E(1) flow, BOS in J(1) flow
						465.0	732.0	6.0					Interbeds: HI(1) 567 to 572
USGS-59	1960	297685	692760	4915	657	0.0	49.0	12.0	464.00	657.00	6.0	OH	WL in E(1) flow
						49.0	291.0	10.0					TOS in E(1) flow, BOS in I(2) flow
						291.0	464.0	8.0					Interbeds: HI(1) 554 to 558
						464.0	657.0	6.0					
USGS-67	1960	298201	691726	4916	694	0.0	40.0	12.0	465.00	552.00	6.0	OH	WL in DE8(1) flow
						40.0	465.0	10.0	635.00	694.00	4.0	OH	TOS in DE8(1) flow, BOS in I(2) flow
						465.0	635.0	6.0					Interbeds: HI(1) flow 572 to 590
						635.0	694.0	4.0					
USGS-77	1962	296490	688820	4923	610	0.0	126.0	12.0	470.00	610.00	6.0	OH	WL in EF(1) flow

Table A-1. (continued).

INEEL Name	Year Installed	Monument Location Easting (ft)	Northing (ft)	Elevation (ft)	Total Depth (ft)	Borehole Diameter Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Information Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Type	Notes On Aquifer Stratigraphy
						432.0	563.0	8.0					TOS in DE8(1) flow, BOS in F(1) flow
													Interbeds: none encountered below WL
USGS-113	1984	295405	688758	4925	564	0.0	445.0	8.0	445.00	564.00	6.0	OH	WL in E(1) flow
						445.0	564.0	6.0					TOS in DE8(1) flow, BOS in F(1) flow
													Interbeds: none encountered below WL
USGS-114	1984	297438	689178	4920	562.5	0.0	440.0	8.0	440.00	562.00	6.0	OH	WL in E(1) flow
						440.0	562.5	6.0					TOS in DE7(1) flow, BOS in F(1) flow
													Interbeds: none encountered below WL
USGS-115	1984	298129	689307	4919	581	0.0	440.0	8.0	440.00	581.00	6.0	OH	WL in E(1) flow
						440.0	581.0	6.0					TOS in DE7(1) flow, BOS in FG(1) flow
													Interbeds: none encountered below WL
USGS-116	1984	298782	690449	4916	580	0.0	400.0	8.0	400.00	580.00	6.0	OH	WL in E(1) flow
						400.0	580.0	6.0					TOS in DE7-8(1) interbed, BOS in G(1) flow
													Interbeds: none encountered below WL

Table A-1. (continued).

INEEL Name	Year Installed	Monument Location Easting (ft)	Northing (ft)	Elevation (ft)	Total Depth (ft)	Borehole Diameter Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Information Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Type	Notes On Aquifer Stratigraphy
USGS-121	1990	296599	698362	4910	745.8	0.0	39.2	16.0	449.00	475.00	6.0	SL S	WL in EF(1) flow
						39.2	444.0	11.9					TOS in E(1) flow, BOS in EF(1) flow
						444.0	495.2	7.9					Interbeds: HI(1) 517 to 522, K(1) 734 to TD
						495.2	533.0	3.7					
						533.0	745.0	3.0					
USGS-122	1990	297423	692680	4915	482.8	0.0	30.0	16.0	448.00	475.00	3.0	SL S	WL in DE8(1) flow
						30.0	287.0	11.9					TOS in DE8(1) flow, BOS in E(1) flow
						287.0	444.0	7.9					Interbeds: DE9(1) 466 to 471
						444.0	482.8	3.9					
USGS-123	1990	295776	692519	4920	744.2	0.0	40.0	16.0	449.50	475.30	6.0	SL S	WL in EF(1) flow
						40.0	442.0	11.9					TOS in EF(1) flow, BOS in FG(1) flow
						442.0	503.0	7.9					Interbeds: HI(1) 559 to 563, IJ(1) 684 to 689
						503.0	744.2	3.7					K(1) 736 to TD
CPP-A44	1973	296983	695698	4915	40	0.0	40.0	8.0	29.60	39.60	2.0	p	
CPP-A50	1973	296767	695682	4919	33	0.0	33.0	8.0	20.50	30.50	2.0	p	
CPP-A56		296911	695517	4919	~41	0.0	41.0	8.0	30.00	40.00	2.0	p	

Table A-1. (continued).

INEEL Name	Year Installed	Monument Location Easting (ft)	Northing (ft)	Elevation (ft)	Total Depth (ft)	Borehole Diameter Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Information Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Type	Notes On Aquifer Stratigraphy
CPP-33-1	1991	296951	695394		29.5	0.0	29.5	6.3					
CPP-33-2	1990	296638	695385		114.8	0.0	43.2	10.5					
						43.2	114.5	6.3	85.80	105.80	2.0	SLS	
CPP-33-3	1990	296659	695806		126.4	0.0	45.8	10.5	111.80	122.00	2.0	SLS	
						45.8	125.2	6.3					
						125.2	126.4	3.8					
CPP-33-4-1	1990	297010	696045		124	0.0	123.0	9.0	98.20	118.50	2.0	SLS	
						123.0	124.0	3.3					
CPP-33-4-2	1990	297000	696045		34.3	0.0	34.3	9.0	20.50	30.70	2.0	SLS	
CPP-55-06	1990	297561	695055	4912	122.9	0.0	43.9	8.0	93.10	113.10	2.0	SLS	
						43.9	122.9	5.3					
MW-1	1993	296097	694730		395	0.0	50.0	24.0	325	336	4.0	sl-pvc	
						50.0	165.0	11.9	359	369	4.0	sl-pvc	
						165.0	395.0	7.9					
MW-2	1993	297262	695285		127	0.0	50.0	10.5	102	112	2.0	pvc	
						50.0	127.0	5.6					
MW-3	1993	296396	695215		151.3	0.0	58.0	10.5	125.5	138.5	2.0	SLS	
						58.0	151.3	5.6					
MW-4	1993	297827	695375		131	0.0	44.0	10.5	100.6	110.6	2.0	pvc	

Table A-1. (continued).

INEEL Name	Year Installed	Monument Location Easting (ft)	Northing (ft)	Elevation (ft)	Total Depth (ft)	Borehole Diameter Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Information Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Type	Notes On Aquifer Stratigraphy
						44.0	131.0	5.6					
MW-5	1993	297063	695109		141	0.0	48.0	10.5	106.5	126.5	2.0	SLS	
						48.0	141.0	5.6					
MW-6	1993	296320	695690		161	0.0	53.0	10.5	117	137	2.0	pvc	
						53.0	161.0	5.6					
MW-7	1993	296726	693208		177	0.0	35.0	10.5	132	142	2.0	pvc	
						35.0	177.0	5.6					
MW-8	1993	297514	694805		141	0.0	46.0	10.5	115	125	2.0	pvc	
						46.0	141.0	5.6					
MW-9	1993	296357	693168		159	0.0	35.0	10.5	120	130	2.0	pvc	
						35.0	159.0	5.6					
MW-10	1993	297077	695355		181	0.0	141.0	10.5	141	151	2.0	pvc	
						141.0	181.0	5.6					
MW-11	1993	296853	694434		150.5	0.0	47.0	10.5	131	136	2.0	pvc	
						47.0	150.5	5.6					
MW-12	1994	297333	695106		153	0.0	46.0	10.5	108	118	2.0	pvc	
						46.0	153.0	5.6					
MW-13	1994	296561	693106		128	0.0	34.0	10.5	100	105	2.0	pvc	
						34.0	128.0	5.6					
MW-14	1994	296503	693594		138	0.0	30.5	10.5	94	104	2.0	pvc	
						30.5	138.0	5.6					
MW-15	1994	296608	693060		143	0.0	34.0	10.5	111.3	131.3	2.0	pvc	
						34.0	143.0	5.6					

Table A-1. (continued).

INEEL Name	Year Installed	Monument Location Easting (ft)	Northing (ft)	Elevation (ft)	Total Depth (ft)	Borehole Diameter Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Information Depth to Top (ft)	Depth to Bottom (ft)	Diameter (in.)	Screen Type	Notes On Aquifer Stratigraphy
MW-16	1994	296649	693173		126	0.0	33.0	10.5	97	107	2.0	pvc	
						33.0	126.0	5.6					
MW-17	1994				381	0.0	32.0	24.0	263.8	273.8	2.0	pvc	
						32.0	210.0	11.9					
						210.0	377.5	7.9					
						377.5	381.0	4.0					
MW-18	1994				492	0.0	46.4	24.0	458.5	478.5	2.0	pvc	
						46.4	136.0	11.9					
						138.0	492.0	7.9					
MW-20	1994				151.5	0.0	46.5	10.5	133.2	143.2	2.0	pvc	
						46.5	151.5	5.6	143.2	148.4	2.0	SLS	
PW-1	1986	296234	692270	4917	120	0.0	32.0	12.0	100	120	6.0	p	
						33.0	120.0	10.0					
PW-2	1986	297010	691791	4917	131	0.0	21.0	12.0	111	131	6.0	p	
						21.0	131.0	10.0					
PW-3	1986	296961	692447	4916	125	0.0	29.0	12.0	103	123	6.0	p	
						29.0	125.0	10.0					
PW-4	1986	297572	692197	4914	150	0.0	33.0	12.0	110	150	6.0	p	
						33.0	150.0	10.0					
PW-5	1986	296987	692196	4916	131	0.0	30.0	12.0	109	129	6.0	p	
						30.0	131.0	10.0					
PW-6	1986	295150	692696	4920	135	0.0	38.0	12.0			6.0	p	
						38.0	135.0	10.0					