

Table 3-1: Inventory and Delineation Design Summary for SAJB Wells
Spokane Aquifer Joint Board (SAJB) Wellhead Protection Program

UTILITY	Well Name ^(a)	Well ID ^(b)	Location (NAD 27)		Annual Water Rights Scenario			Importance Factor	Importance Factor Scenario ^(c)	Total Depth Of Well (ft bgs) ^(d)	Depth to Top Of Open Interval (ft bgs) ^(e)	Depth to Bottom Of Open Interval (ft bgs) ^(d)	Percent of Upper 100 Feet Of Aquifer That Is Penetrated By The Well's Open Interval ^(g)
			Easting	Northing	Instantaneous Rate (gpm)	Annual Pumping Volume (Ac-ft)	Equivalent Average Annual Pumping Rate (gpm)						
Carnhope Irrigation District	Carnhope ID	5323C01	2861296	258386	2500	182	113	5.0	4	130	No Screen	130	100%
Consolidated Irrigation District #19	CID #1A, B, C	5411N01	2891167	266159	5275	1475	914	2.0	9	146	116	141	100%
	CID #2A, B, C	5518R01	2905610	261786	7035	1942	1203	2.0	4	188	135	185	100%
	CID #3A, B, C	5517P02	2909268	261754	7925	2188	1355	2.0	4	203	162	203	100%
	CID #4A, B, C, D	5517D01	2907672	266455	11395	3150	1951	2.0	9	217	150	207	89%
	CID #5A, B, C	5507A01	2905907	271815	6140	1780	1103	2.0	9	195	139	185	96%
	CID #6A, B, C	5504C01	2913364	277015	8318	2139	1325	2.0	9	215	159	214	93%
	CID #7A, B, C	6534L01	2918352	279488	5626	1605	994	2.0	4	285	155	196	100%
	CID #8A, B, C	5503F01	2918700	275899	8773	2256	1397	2.0	9	200	153	200	98%
	CID #9A, B, C	5502G02	2924796	275658	4689	1206	747	2.0	9	225	168	225	87%
	CID #10A, B, C	6535F01	2923225	281510	4879	1391	862	2.0	9	232	184	227	99%
	CID #11A, B, C	6631M04	2932101	280761	6973	1989	1232	2.0	9	249	183	238	89%
East Spokane Water District #1	ESWD #1,2	5324G01	2868456	256969	585	270	167	1.0		147	No Screen	147	100%
	ESWD #3,4	5324L01	2867076	256745	920	448	278	1.0		157	No Screen	157	100%
	ESWD #5	5324J01	2869765	256820	100	22.5	14	0.5		153	No Screen	153	100%
	ESWD #6	5324J02	2869751	256820	200	67.5	42	0.5		157	No Screen	157	100%
	ESWD #7	5419C01	2872168	259461	600	448	278	0.5		104	30	103	100%
	ESWD #8,9	5324B02	2867295	258944	1240	417	258	3.0		180	149	180	100%
Hutchinson Irrigation District #16	HID #1	5418J01	2873616	262091	5500	1220	756	5.0	4	134	No Screen	134	100%
	HID #2	5418J02	2873686	262091	1500	930	576	5.0	4	185	No Screen	185	100%
Irvin Water District #6	IWD #1	5409C01	2882419	270629	977	242	150	1.0	10	125	91	125	100%
	IWD #3	5404R03	2884819	271815	1023	253	157	1.0	15	117	83	115	100%
	IWD #4	5409E01	2880440	268535	1700	1273	788	5.0	4	142	104	136	100%
	IWD Future	5404J01	2884467	273377	1200	899	557	5.0		0	Future Well		Assume 100%
Liberty Lake Service District	LLSD Kenney	5515D01	2917723	266588	2100	1825	1131	1.0	1	158	120	158	100%
	LLSD Mission	5515C01	2919563	266343	1500	1062	658	1.0	1	198	173	198	78%
	LLSD Schultz	5514F01	2924439	266032	2400	1090	675	1.0	1	238	216	238	100%
	LLSD Sprague	5515R01	2921269	262039	825	430	266	1.0	1	155	110	155	100%
	LLSD Valleyway	5514M01	2923535	263463	2250	1680	1041	0.5	15	220	170	200	76%
Modern Electric Water Company	MEWCO #1	5415E02	2885486	263450	1500	3633	2250	1.0	1	157	No Screen	157	100%
	MEWCO #2	5416E01	2881044	262887	1500	3633	2250	1.0	1	128	No Screen	128	100%
	MEWCO #3	5421J01	2885637	257465	1500	3633	2250	1.0	1	122	No Screen	122	100%
	MEWCO #5	5415E01	2885482	263648	1500	3633	2250	1.0	1	158	No Screen	158	100%
	MEWCO #6	5408N01	2875986	265924	1500	3633	2250	1.0	1	133	No Screen	133	100%
	MEWCO #7	5422N01	2886508	255723	1500	3633	2250	1.0	1	161	No Screen	161	100%
	MEWCO #8	5417A01	2879999	264683	1500	3633	2250	1.0	1	128	No Screen	128	100%
	MEWCO #9	5427E01	2885992	253086	1550	1300	805	1.0	1	220	190	220	100%
	MEWCO #10	5420G01	2878517	258407	1500	3633	2250	1.0	1	0	Future Well	0	Assume 100%
City of Millwood	Millwood Butler	5408A01	2879346	270668	500	800	496	1.0	10	130	80	130	100%
	Millwood New Park	5408D01	2874825	270225	2200	3520	2181	3.0	4	196	175	196	72%
	Millwood Old Park	5408C01	2875884	270436	1200	605	375	2.0	11	112	56	111	100%

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			Easting	Northing	Instantaneous Rate (gpm)	Annual Pumping Volume (Ac-ft)	Equivalent Average Annual Pumping Rate (gpm)						
Moab Irrigation District	MOAB #1, 2, 3	6525C03	2928875	288729	6000	2932	1816	2.0	4, 5	200	166	200	100%
Model Irrigation District #18	MODEL #1	5421N02	2881694	255027	3420	625	387	1.0	1	183	166	183	100%
	MODEL #3	5428P01	2882078	250208	1600	540	335	2.0	6	167	152	167	100%
	MODEL #4	5421L01	2882405	257169	1000	526	326	1.0	2	179	140	175	100%
	MODEL #5	5428M02	2881911	251645	1100	670	415	2.0	6	160	140	160	100%
	MODEL #6	5421N03	2881694	255051	860	157	97	0.5	11	240	210	240	83%
	MODEL #7	5433A02	2885084	249245	2000	1600	991	3.0	12	185	155	185	100%
North Spokane Irrigation District #8	NSID #1,3	6327E02	2852827	283265	803	1698	1052	5.0	4	258	232	251	100%
	NSID #2, 4	6328H02	2853024	283278	197	416	257	5.0	4	274	240	270	100%
Orchard Avenue Irrigation District #6	OID #1	5312H01	2869311	268524	6360	1970	1220	2.0		96	55	96	100%
	OID #2	5407C01	2871398	268991	2000	1191	738	1.0		106	74	101	100%
Pasadena Park Irrigation District #7	PPID #1	5406A01	2873709	274415	1230	127	79	1.5	14	110	90	110	100%
	PPID #2	5405K01	2877176	273028	2000	1870	1158	2.5	6	235	105	234	57%
	PPID #3	5405D01	2874911	275179	2000	920	570	3.0	3	202	70	202	96%
	PPID #4	5406A02	2873716	274518	2000	1503	931	4.0	4	160	121	155	100%
	PPID #5	5406F03	2871577	273666	1500	127	79	4.0	4	180	145	180	90%
Trentwood Irrigation District	TID #3	6435R01	2894171	276757	2378	1329	823	2.0	4	142	112	138	100%
	TID #4	5403B01	2887584	275373	1602	895	555	1.0	14	120	88	118	100%
	TID #5	5401D01	2895573	275499	1535	858	531	2.0	4	159	110	145	100%
	TID #6	5402B01	2894060	275649	4185	2339	1449	2.0	2	236	128	154	100%
Vera Irrigation District #15	VID #1	5415J01	2890773	262775	7100	2104	1304	1.0		170	No Screen	170	100%
	VID #3	5422R01	2891103	255349	6000	8893	5509	1.0		250	195	200	100%
	VID #4	5426L01	2893887	252746	11300	3581	2218	3.0		163	No Screen	163	100%
	VID #5	5426D01	2891753	255322	3400	3204	1985	3.0		170	No Screen	170	100%
	VID #6	5422H02	2890783	258635	3100	3360	2081	2.0		160	134	150	100%
	VID #8	5423J01	2895755	258048	4000	3200	1982	1.0		215	165	215	99%
	VID #9	5423J02	2895755	258008	6700	5041	3123	1		240	190	240	80%
	VID #20, 21	5414J01	2895483	263022	6700	5041	3123	1.0		265	210	265	67%
Spokane County Water District #3 (East Wellfield)	WD #3 20th & Balfour	5429H01	2879352	253295	3600	2608	1616	5.0	4	147	117	147	100%
	WD #3 Boone & Lilly	5313A01	2868347	263624	500	538	333	2.0	5	110	60	110	100%
	WD #3 Browns Park	5427N01	2886227	250137	2700	4320	2676	3.0	14	130	No record	130	100%
	WD #3 Freeway & Vista	5407Q01	2872261	265460	2000	3200	1982	1.0	10	220	160	210	71%
	WD #3 Knox	5407J02	2873438	266994	500	137	85	1.0	10	110	60	105	100%
	WD #3 Koren	5323A01	2863530	258659	605	370	229	2.0	5	142	99	142	100%
	WD #3 Vercler	5427L01	2887415	251487	3150	2530	1567	5.0	4	180	140	180	100%
Spokane County Water District #3 (North Wellfield)	WD #3 Cherry	6303N01	2852220	301254	1500	1772	1098	3.0	4	182	135	180	100%
	WD #3 Farwell & Freya	6303P01	2854522	301439	300	265	164	1.0	10	200	177	200	100%
	WD #3 Helena	6309D01	2847393	300764	1000	195	121	3.0	9	165	88	140	Simulate 100%
	WD #3 Lyons & Normandie	6330R02	2841923	280772	1600	1500	929	3.0	9	293	No record	293	100%
	WD #3 Pineriver Park	7332R01	2845678	307464	780	374	232	5.0	4	204	172	204	Assume 100%
	WD #3 Steer Inn	6320N02	2842614	285419	1600	1500	929	5.0	4	238	No record	238	100%

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			Eastings	Northings	Instantaneous Rate (gpm)	Annual Pumping Volume (Ac-ft)	Equivalent Average Annual Pumping Rate (gpm)						
Whitworth Water District #2	WWD #1	6330F01	2839391	282769	1267	2043	1266	1.0		312	No record	312	100%
	WWD #1A	6319P01	2839633	286004	699	1128	699	1.0		210	160	210	100%
	WWD #2A	6320D01	2842092	289941	1000	1161	719	1.0		286	253	286	69%
	WWD #2B	6319A02	2840628	289814	3000	4800	2974	1.5		163	No Screen	163	100%
	WWD #3	6307P01	2838993	295357	400	159	98	1.0		136	93	136	100%
	WWD #3B	6307G04	2840209	299136	3000	2000	1239	1.5		200	180	200	100%
	WWD #4	6212L01	2833799	296832	500	67.5	42	0.1		132	92	132	100%
	WWD #8A1	7332K02	2845266	308682	450	168	104	0.5		189			Assume 100%
	WWD #8A2	7332K03	2845090	308692	3250	985.6	611	1.5		220			Assume 100%
	WWD #8B	7333M01	2847135	308835	5000	8000	4956	1.5		236			Assume 100%
	WWD #-RIV	6306G01	2839771	304309	180	78	48	0.1					Assume 100%
Kaiser Aluminum Co. (Trentwood)	OH-EW1		2891970	271884		1613	1000	5.0		133	100	130	100%
	OH-EW2		2891761	271766		4033	2500	5.0		195	108	138	100%
	WW-EW1		2890020	270983		7259	4500	5.0		190	115	179	84%
	WW-EW2		2890050	271040		7259	4500	5.0		198	120	177	88%
	NSW - Production Well		2893243	272423		403	250	5.0		222	185	195	0%
Kaiser Aluminum Co. (Mead)	Well #1	6316D01	2848158	294509		929	576	5.0		277	221	277	100%
	Well #2	6316D02	2848744	294186		2339	1450	5.0		285	208	278	100%
Spokane Industrial Park	Well #1		2896785	273110									
	Well #2		2899809	272335									
	Well #3		2898648	270156									
	Well #4		2899886	270951									
TOTAL SAJB PUMPING						189,613	117,472						

(a) Where multiple wells are listed, the capture zone for the corresponding wellfield has been delineated by simulating a single well pumping at the total wellfield pumping rate.

(b) Well ID notation: 5323C01 corresponds to Township 25E, Range 43 N, Section 23, first well in C quarter-quarter (NE 1/4 of NW 1/4).

(c) See Appendix I for a listing and description of the 15 scenarios. Blank entries mean that the utility did not specify which scenario was used to select the importance factor.

(d) Where the listing covers several wells, the listed depth is for the deepest of the wells.

(e) Where the listing covers several wells, the listed depth is for the shallowest of the wells.

(f) Calculated from well's total depth and the simulated water table elevation from the model of Fall 1994 conditions.

(g) Values of 100% indicate that the open interval lies entirely within the upper 100 feet of the aquifer (corresponding to Layer 1 of the groundwater flow model).

Values less than 100% indicate that the remaining portion of the well's open interval is situated between a depth of 100 feet and 200 feet below the water table (corresponding to Layer 2 of the model).

Note: Annual pumping volumes (Aft) for Kaiser Aluminum Company wells are back-calculated from well pumping capacities (gpm).

Note: See Table 3-2 for an inventory of City wells and privately owned wells within the Spokane Valley Aquifer.