
Tables

Table 1. Range of Travel Times for SWPA Delineations Selected by Each SAJB Member

SAJB Member	Number of Locations (Wellfields) with Active Wells ¹	Number of Wells ¹	SWPA Travel Times (years)
Carnhope Irrigation District No. 7	1	1	5.0
Consolidated Irrigation District No. 19	11	34	2.0
East Spokane Water District No. 1	6	9	0.5 to 3.0
Honeywell Electronic Materials	2	2	1.0 to 1.5
Hutchinson Irrigation District No. 16	2	2	5.0
Irvin Water District No. 6	4	4	1.0 to 5.0
Kaiser Aluminum Trentwood Works	1	1	5.0
Liberty Lake Sewer & Water District No. 1	5	6	1.0
Millwood, City of	3	3	1.0 to 3.0
Moab Irrigation District No. 20	4	4	2.0
Model Irrigation District No. 18	6	6	0.5 to 3.0
Modern Electric Water Company	8	8	1.0
North Spokane Irrigation District No. 8	2	4	5.0
Orchard Irrigation District No. 6	2	2	1.0 to 2.0
Pasadena Park Irrigation District No. 17	4	6	2.5 to 4.0
Spokane Business & Industrial Park	4	4	2.0
Spokane, City of	8	21	0.083 to 1.0
Spokane County Water District No. 3	12	12	1.0 to 5.0
Trentwood Irrigation District No. 3	4	4	1.0 to 2.0
Vera Water & Power	7	9	1.0 to 3.0
Whitworth Water District No. 2 ²	7	10	0.5 to 1.5

Notes

¹ This column only shows wells that withdraw groundwater from the Spokane Valley-Rathdrum Prairie (SVRP) Aquifer.

² Whitworth Water District No. 2 also owns and operates five wells in the Little Spokane River watershed (outside the SVRP Aquifer). These wells provide water to a portion of Spokane County located just north of the northern boundary of the SVRP Aquifer.

SAJB = Spokane Aquifer Joint Board

Table 2. Pumping Rates Used for Delineation Updates

SAJB Member	Well Name ¹	Instantaneous Pumping Rate (gpm) ²	Annual Production Volume (AF) ³
Carnhope Irrigation District No. 7	Carnhope	2,500	182
Consolidated Irrigation District No. 19	CID-1 Wellfield	5,210	1,066
	CID-2 Wellfield	7,490	3,455
	CID-3 Wellfield	7,583	3,499
	CID-4 Wellfield	11,227	2,308
	CID-5 Wellfield	6,293	1,288
	CID-6 Wellfield	6,930	1,418
	CID-7 Wellfield	7,213	3,328
	CID-8 Wellfield	7,241	1,482
	CID-9 Wellfield	7,673	1,570
	CID-10 Wellfield	7,051	1,443
	CID-11 Wellfield	7,589	1,553
East Spokane Water District No. 1	Wells 1 and 2	800	145
	Wells 3 and 4	1,300	220
	Well 5	250	45
	Well 6	50	36.45
	Well 7	1,145	200
	Wells 8 and 9	2,300	390
Honeywell Electronic Materials	Well 1	1,200	Undefined ⁴
	Well 2	250	Undefined ⁴
Hutchinson Irrigation District No. 16	Well 1	2,750	640
	Well 2	2,750	640
Irvin Water District No. 6	Well 1	1,070	100
	Well 3	1,070	67.6
	Well 4	1,500	800
	Well 5	1,800	800
Kaiser Aluminum Trentwood Works	North Prod. Well	260	202
Liberty Lake Sewer & Water District No. 1	Kenney 1 and 2	5,483	2,903.85
	Mission	1,944	1,450
	Schultz	6,585	1,450
	Sprague	825	1,450
	Valleyway	2,500	1,450
Millwood, City of	Butler	500	800
	New Park	2,200	3,520
	Old Park	1,200	605
Moab Irrigation District No. 20	Wells 1, 2, 3, and 4	6,000	2,932
Model Irrigation District No. 18	Well 1	1,820	625
	Well 3	1,600	540
	Well 4	1,500	525
	Well 5	2,000	670
	Well 6	860	155
	Well 7	2,000	1,600
	Well 11	1,500	3,633
Modern Electric Water Company	Well 2	1,500	3,633
	Well 3	1,500	3,633
	Well 4	1,500	3,633
	Well 6	1,500	3,633
	Well 7	1,500	3,633
	Well 8	1,500	3,633
	Well 9	1,550	1,300
	Well 11	1,500	3,633
North Spokane Irrigation District No. 8	Wells 1 and 3	840	400
	Wells 2 and 4	1,460	685
Orchard Irrigation District No. 6	Well 1	6,360	1,970
	Well 2	2,800	1,191
Pasadena Park Irrigation District No. 17	Well 2	830	1,022
	Well 3	1,700	920
	Well 4	1,800	1,503
	Well 5	1,100	127
	Well 6	5,000	511
	Well 7	5,000	511

Notes

¹ This column only shows wells that withdraw groundwater from the Spokane Valley Rathdrum Prairie (SVRP) Aquifer.

Table 2. Pumping Rates Used for Delineation Updates (cont'd)

SAJB Member	Well Name ¹	Instantaneous Pumping Rate (gpm) ²	Annual Production Volume (AF) ³
Spokane Business & Industrial Park	Well 1	750	1,208
	Well 2	1,350	2,178
	Well 3	1,050	1,694
	Well 4	2,600	4,194
Spokane, City of	Central	30,900	29,230
	Hoffman	11,600	1,419
	Grace	31,000	13,884
	Nevada	25,000	11,196
	Well Electric	54,750	36,000
	Parkwater	63,000	51,240
	Ray Street	24,850	2,370
	Havana Street	22,500	2,370
Spokane County Water District No. 3 (System 1; East Wellfield)	20 th & Balfour	2,750	1,331
	Freeway & Vista	2,000	968
	Koren	2,000	968
	Vercler Well 1	3,300	1,703
	Vercler Well 2	2,900	1,497
Spokane County Water District No. 3 (Systems 3 and 4; North Wellfield)	Cherry	1,000	484
	Helena Well	860	416
	Helena Well 2	3,000	1,549
	Lyons and Normandie	1,250	605
	Mead Well 6	3,750	1,875
	Pineriver Park	330	330
	Steer Inn	700	339
Trentwood Irrigation District No. 3	Well 3	2,378	1,329
	Well 4	1,602	895
	Well 5	1,535	858
	Well 6	4,185	2,339
Vera Water & Power	Well 1	7,100	2,025
	Wells 3 and 33	6,000	1,710
	Well 4	9,200	2,625
	Well 5	3,400	970
	Well 6	4,000	1,140
	Well 8	4,000	1,140
	Well 9	6,700	1,915
	Wells 21 and 22	6,000	1,710
Whitworth Water District No. 2	Well 1	1,320	244
	Well 1A	1,100	335
	Well 2A	1,200	403
	Well 2B	2,800	827
	Well 2C	4,000	1,557
	Well 3	1,300	484
	Well 3B	3,100	1,380
	Well 3C	3,500	1,587
	Well 3D	4,800	2,753
	Well 3E	4,800	2,763

Notes

² Used to delineate SWPAs.

³ Used to delineate capture zones for time periods other than the SWPA.

⁴ For Honeywell, the instantaneous pumping rate was used for the entire 10-year delineation time period.

AF = acre-feet

gpm = gallons per minute

SAJB = Spokane Aquifer Joint Board

SWPA = Special Wellhead Protection Area

Table 3. Percentage Distribution of Annual Pumping for Capture Zone Delineation

Month	Modeled Percentage of Annual Water Use
January	3.75%
February	3.41%
March	4.21%
April	6.13%
May	9.33%
June	12.32%
July	16.62%
August	17.45%
September	11.98%
October	7.67%
November	4.14%
December	3.88%

Table 4. Summary of SWPA Overlaps Between SAJB Members

Utility (Abbreviation)	Utilities with Overlapping SWPAs
Carnhope Irrigation District No. 7 (Carnhope)	CID (slight), ESWD, Model, Vera, WD3E
Consolidated Irrigation District No. 19 (CID)	Carnhope (slight), HID, Honeywell, IWD, Kaiser (slight), Millwood, NSID (slight), OID, SBIP, Vera, WD3E
East Spokane Water District No. 1 (ESWD)	Carnhope, Model (slight), Vera
Hutchinson Irrigation District No. 16 (HID)	CID, Vera
Honeywell Electronic Materials (Honeywell)	CID, SBIP
Irvin Water District No. 6 (IWD)	CID, Kaiser, Millwood, Moab, NSID, PPID, TID, SBIP
Kaiser Aluminum Trentwood Works (Kaiser)	CID, IWD, PPID (slight), SBIP, TID (slight)
Liberty Lake Sewer & Water District No. 1 (LLSD)	Vera, WD3E
Millwood, City of (Millwood)	CID, IWD, NSID, PPID (slight), SBIP (slight)
Moab Irrigation District No. 20 (MOAB)	IWD, SBIP (slight)
Model Irrigation District No. 18 (Model)	Carnhope, ESWD (slight), WD3E (slight)
Modem Electric Water Company (MEWCO)	Vera
North Spokane Irrigation District No. 8 (NSID)	Spokane, CID (slight), IWD, Millwood, OID (slight), WD3N
Orchard Irrigation District No. 6 (OID)	Spokane, CID, NSID (slight)
Pasadena Park Irrigation District No. 7 (PPID)	IWD, Kaiser (slight), Millwood (slight), SBIP, TID
Spokane Business & Industrial Park (SBIP)	CID, Honeywell, IWD, Kaiser, Millwood (slight), Moab (slight), PPID, TID
Spokane, City of (Spokane)	NSID, OID, WD3E, WWD
Spokane Co. Water District No. 3, East Well-field (WD3E)	Carnhope, Spokane, CID, LLSD, Model ID (slight), Vera
Spokane Co. Water District No. 3, North Well-field (WD3N)	NSID, WWD
Trentwood Irrigation District No. 3 (TID)	IWD, Kaiser (slight), PPID, SBIP
Vera Water And Power (Vera)	Carnhope, CID, ESWD, HID, LLSD, MEWCO, WD3E
Whitworth Water District No. 2 (WWD)	Spokane, WD3N

Notes

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