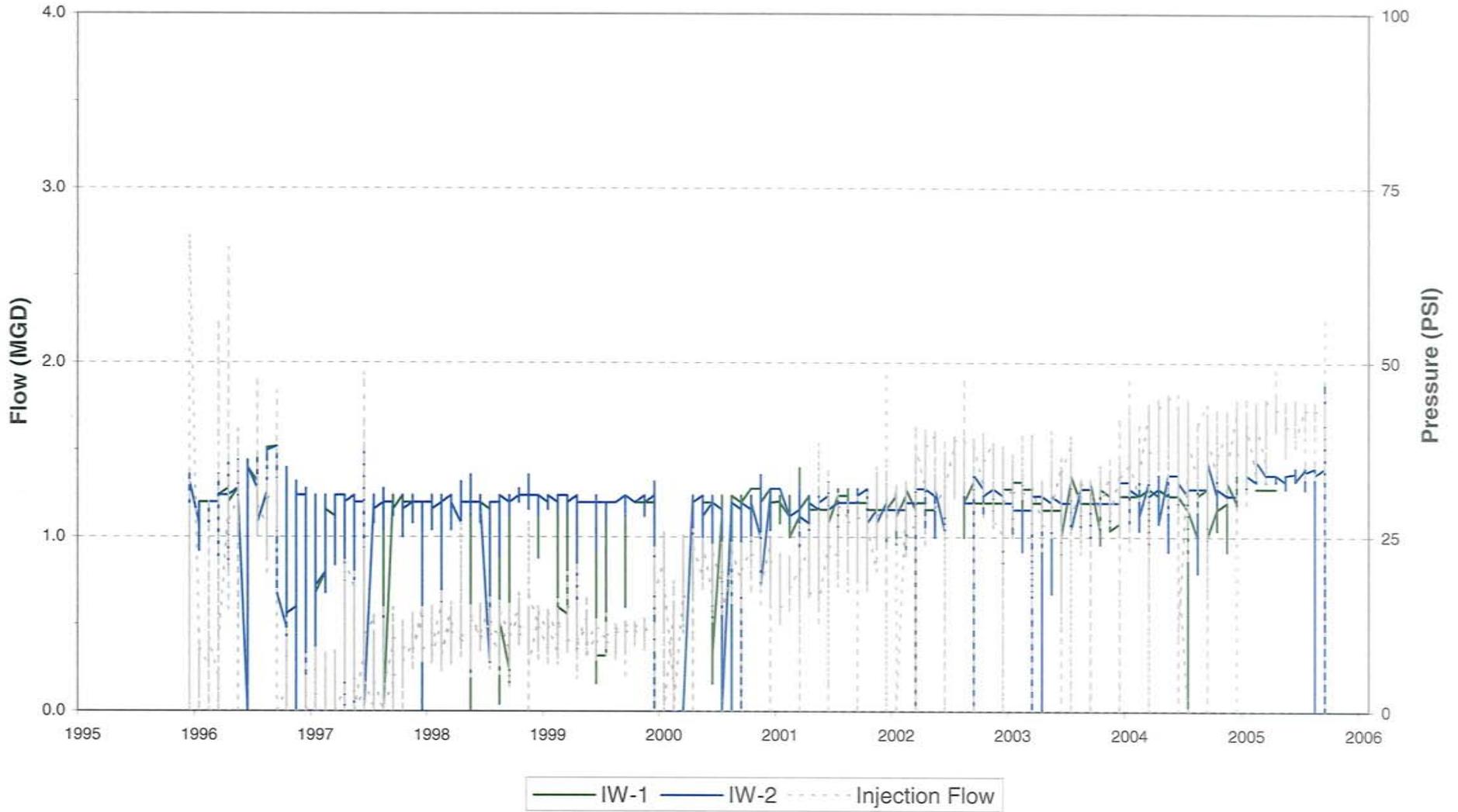


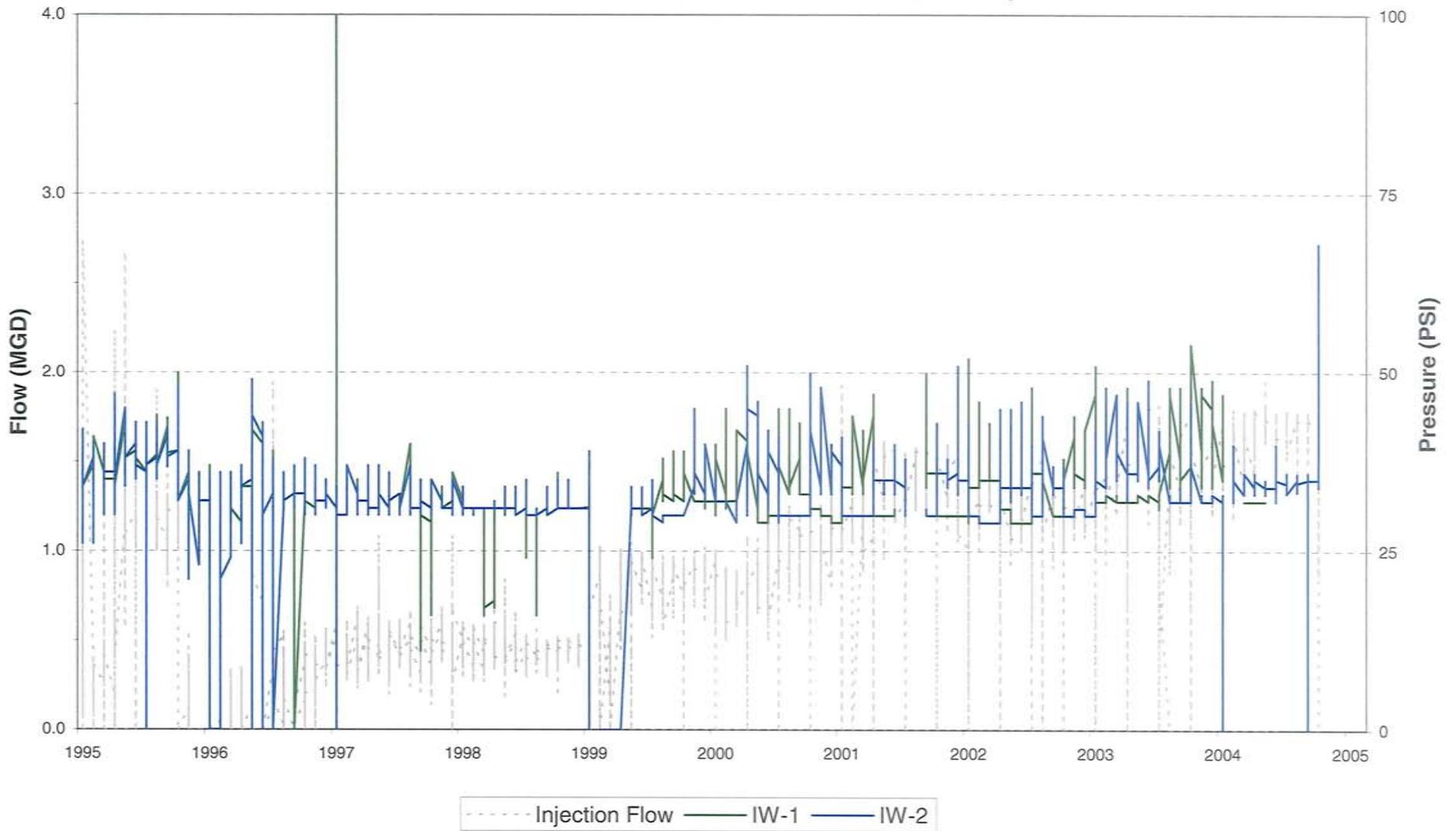
APPENDIX G
OPERATIONAL DATA SUMMARY

**INJECTION ZONE, UPPER AND
LOWER MONITORING ZONES
PRESSURES**

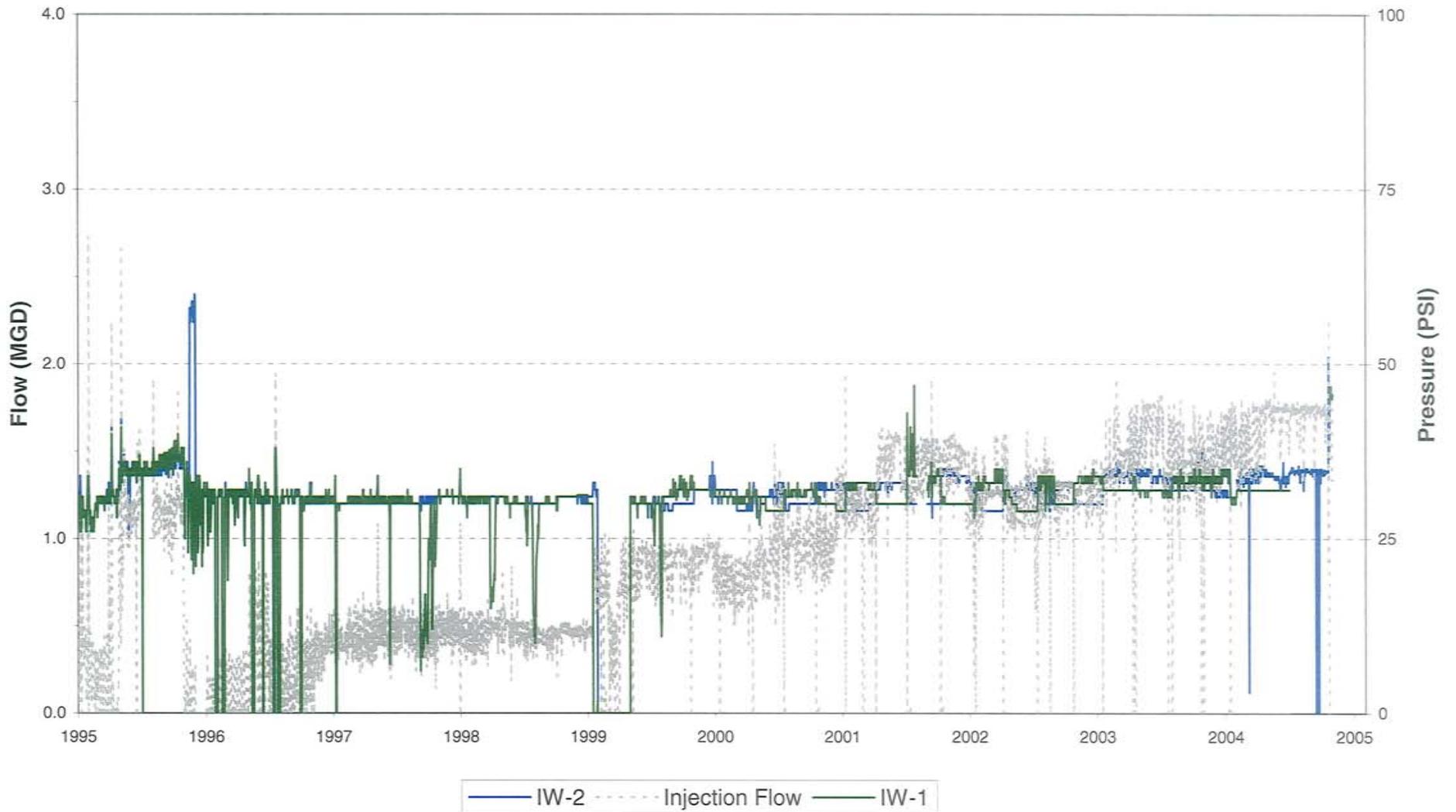
City of Miramar West WTP
Injection Zone Minimum Pressure
IW-1: 3,095 to 3,179 ft bpl & IW-2: 3,046 to 3,508 ft bpl



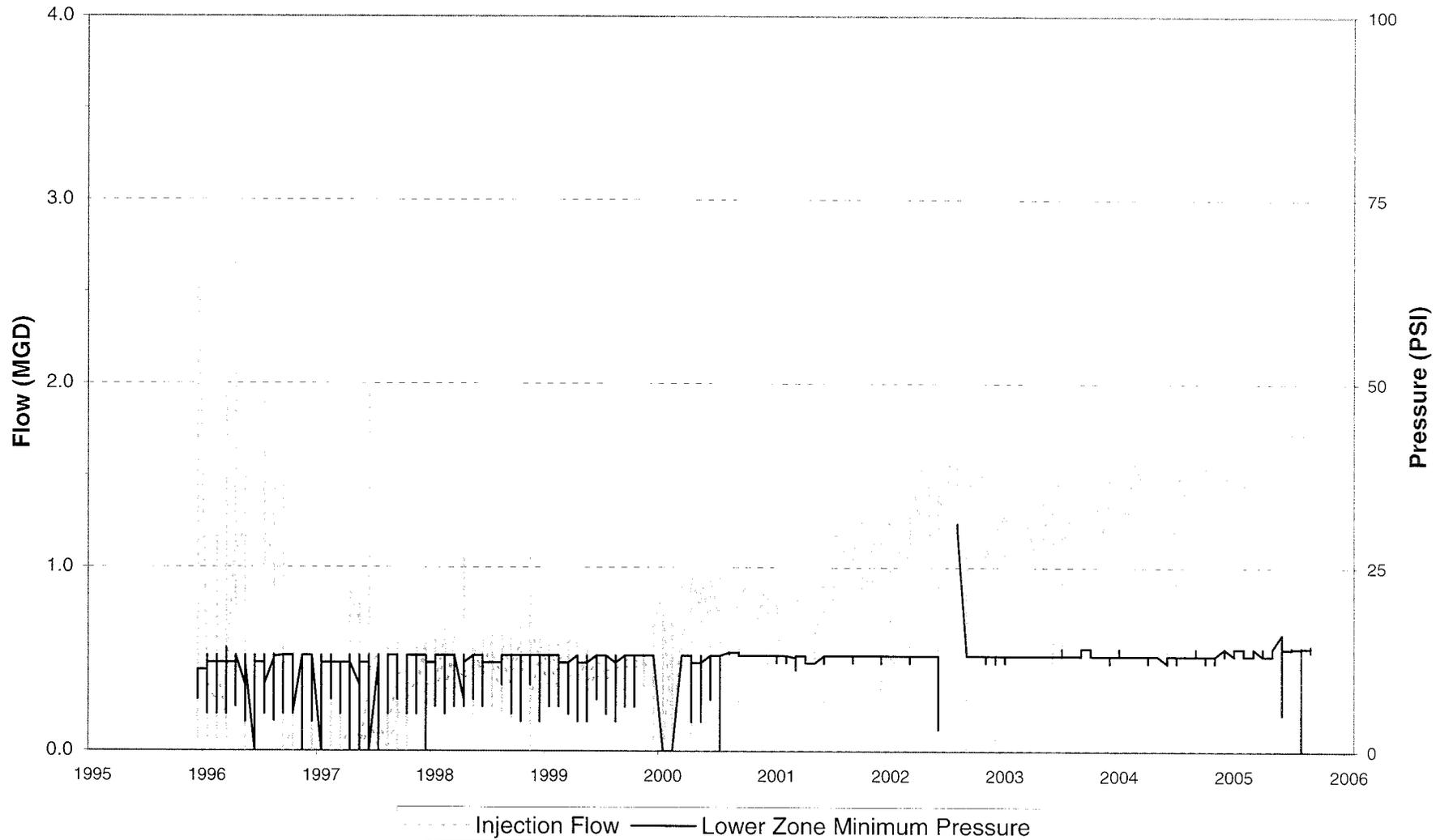
City of Miramar West WTP
Injection Zone Maximum Pressure
IW-1: 3,095 to 3,179 ft bpl & IW-2: 3,046 to 3,508 ft bpl



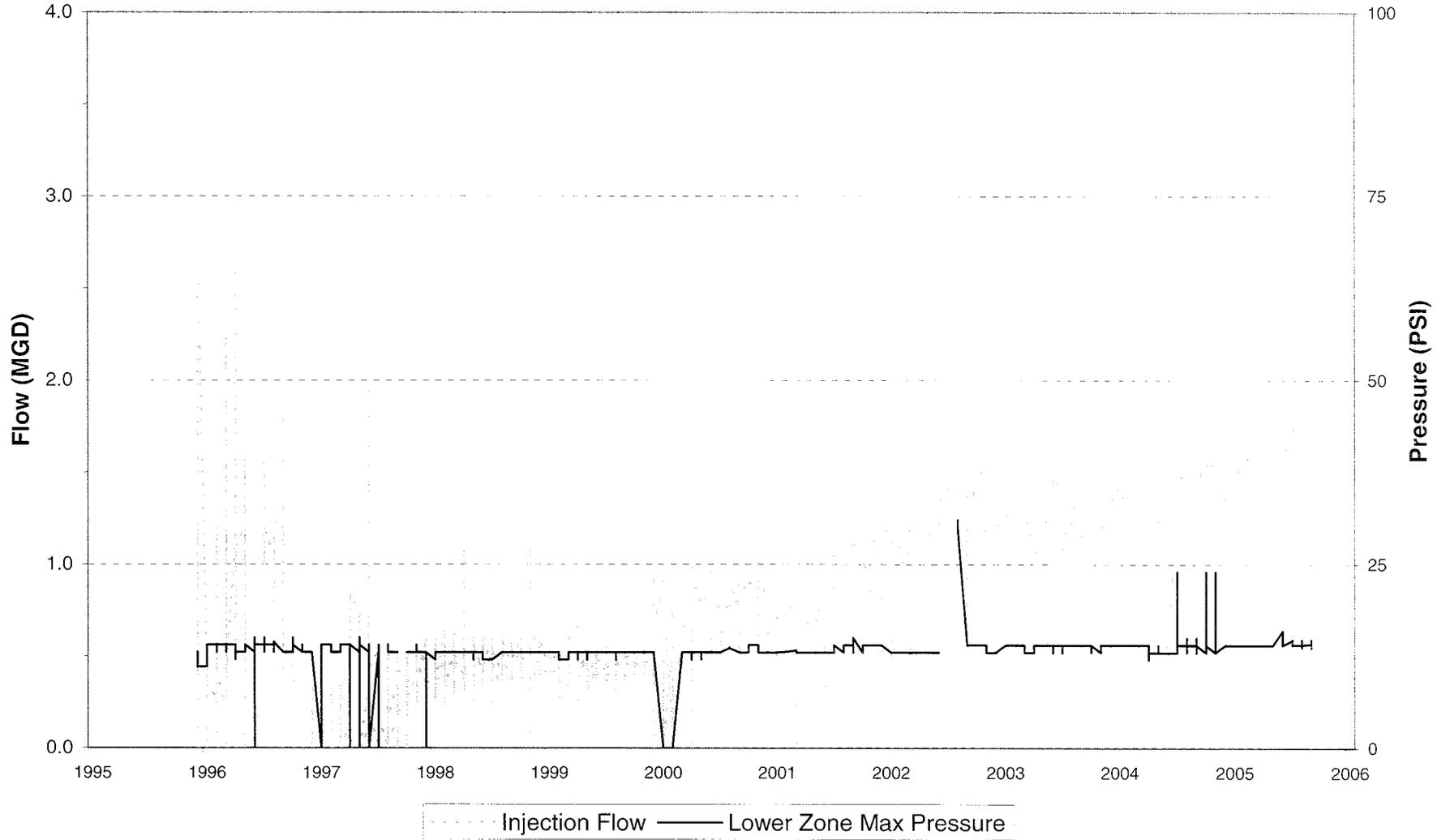
City of Miramar West WTP
Injection Zone Average Pressure
IW-1: 3,095 to 3,179 ft bpl & IW-2: 3,046 to 3,508 ft bpl



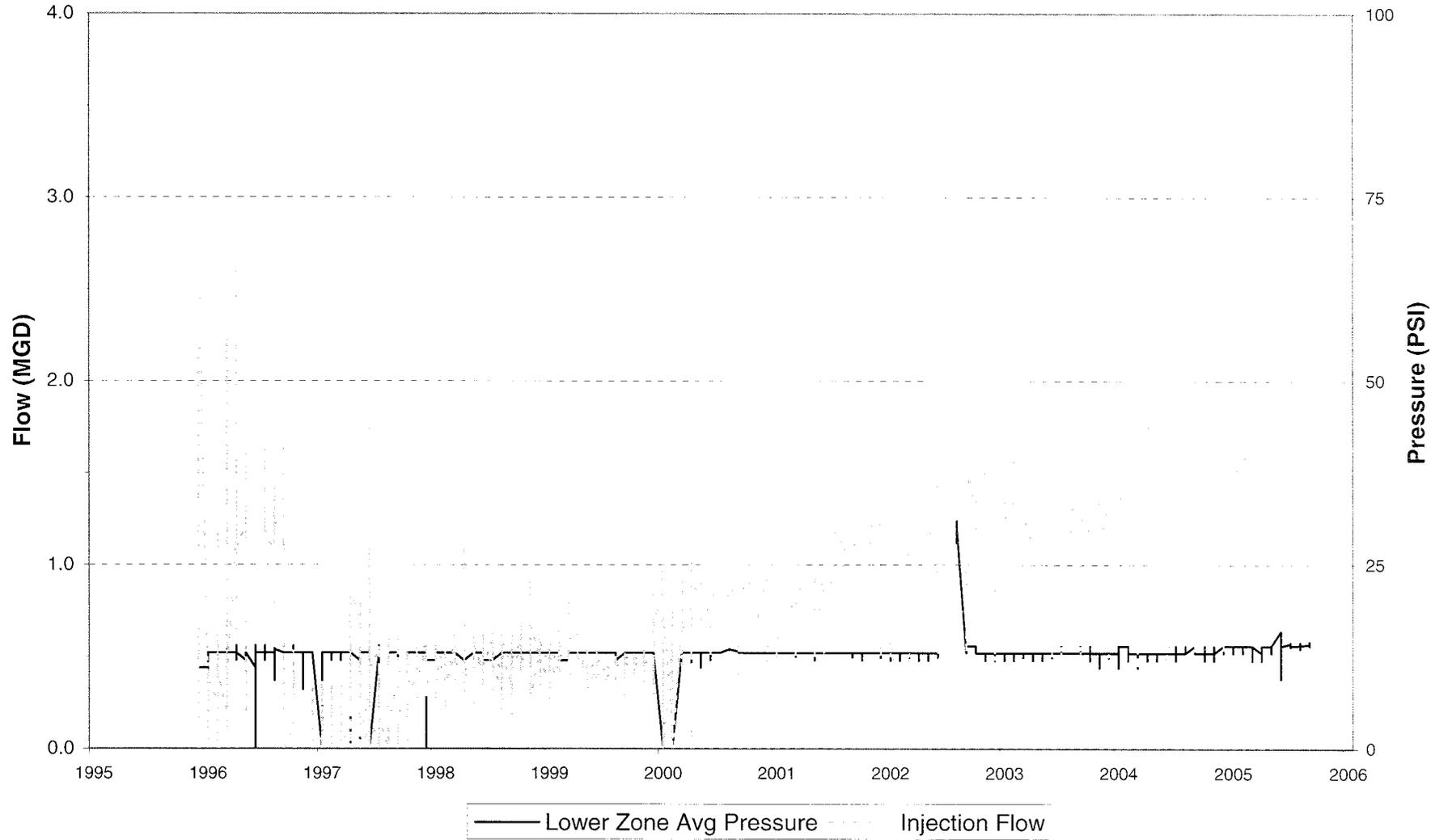
City of Miramar West WTP
Lower Monitor Zone Minimum Pressure
1,930 to 2,005 ft bpl



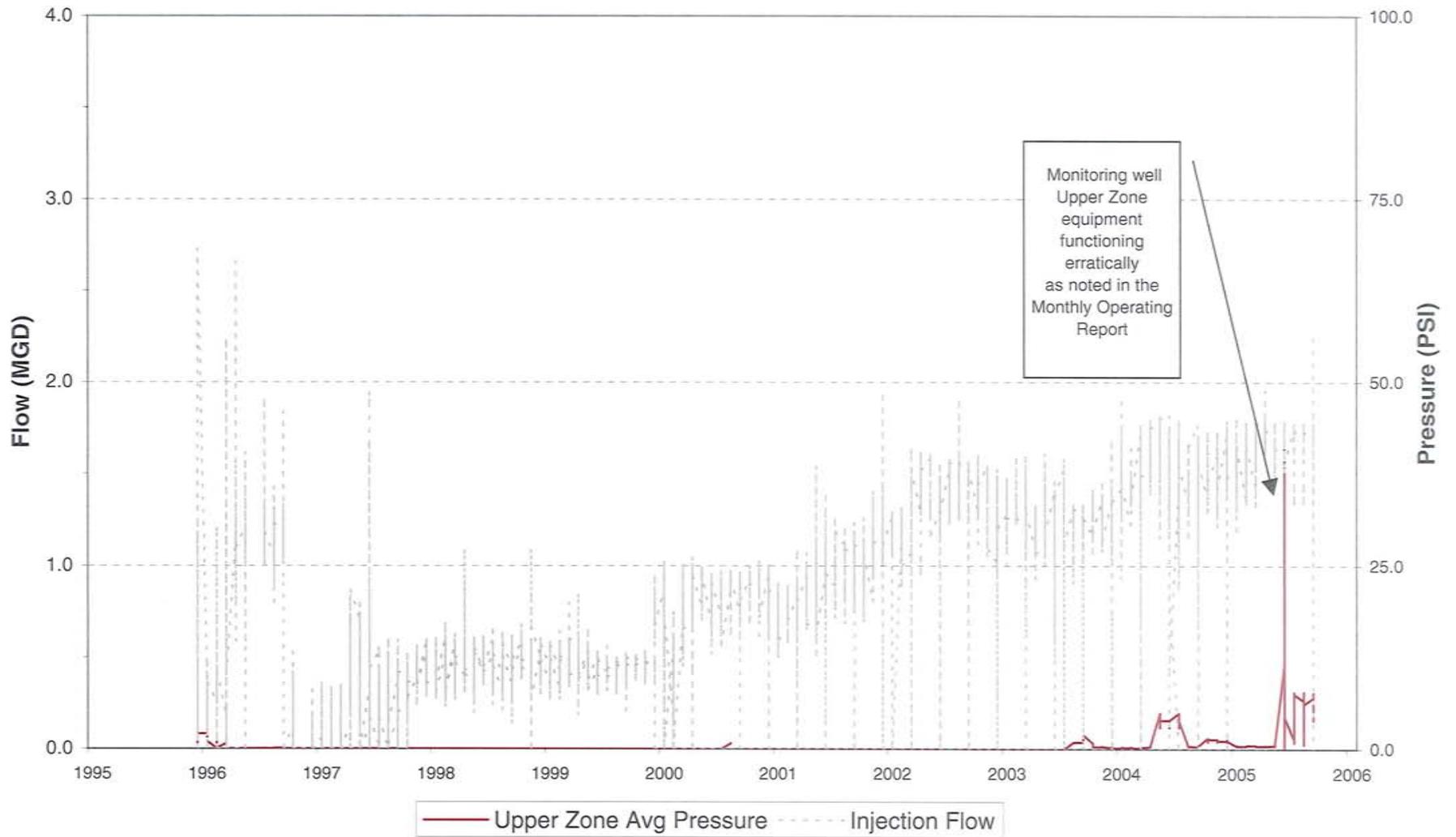
City of Miramar West WTP
Lower Monitor Zone Maximum Pressure
1,930 to 2,005 ft bpl



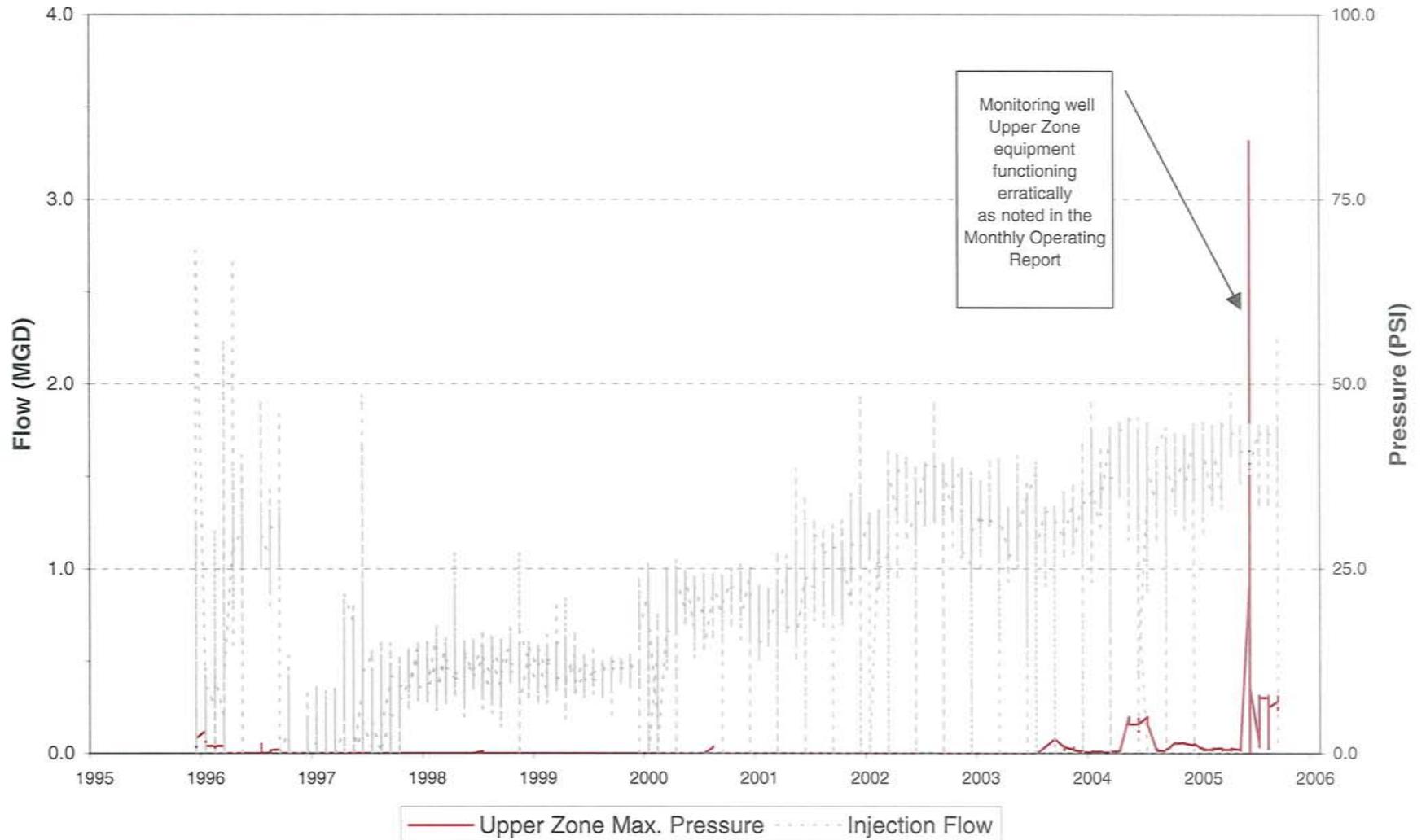
**City of Miramar West WTP
Lower Monitor Zone Average Pressure
1,930 to 2,005 ft bpl**



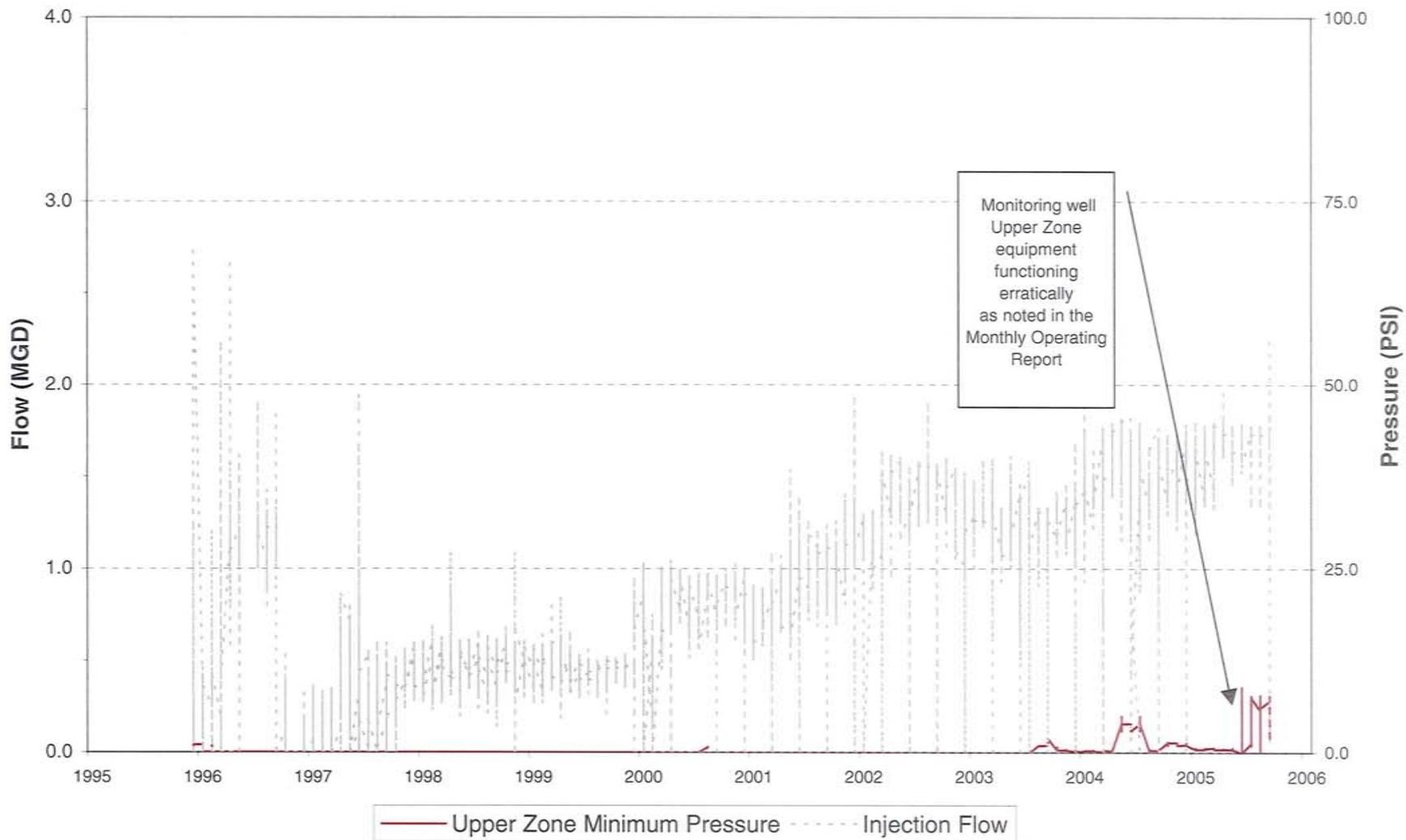
City of Miramar West WTP
Upper Monitor Zone Average Pressure
1,639 to 1,738 ft bpl



City of Miramar West WTP
Upper Monitor Zone Maximum Pressure
1,639 to 1,738 ft bpl

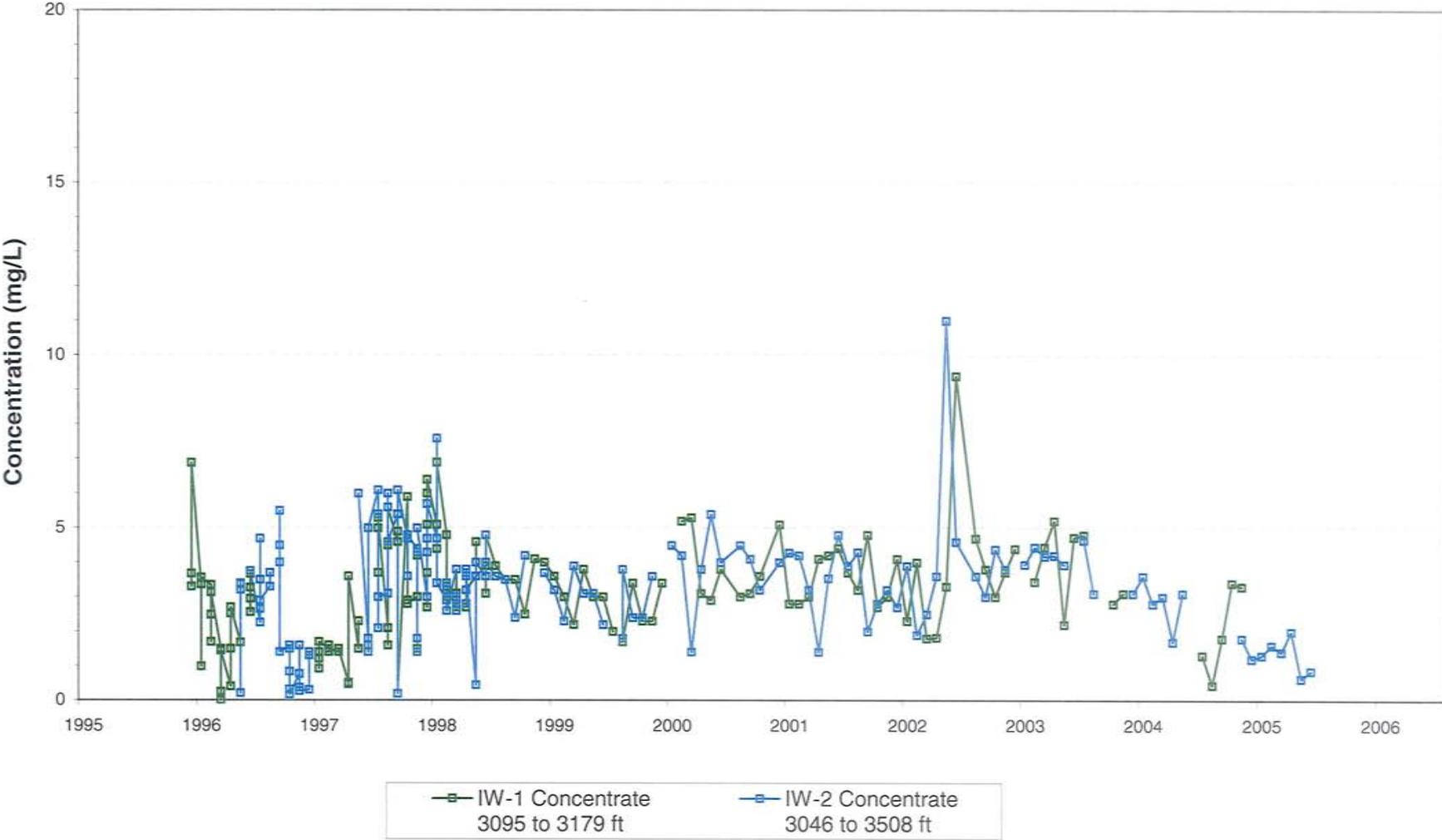


City of Miramar West WTP
Upper Monitor Zone Minimum Pressure
1,639 to 1,738 ft bpl

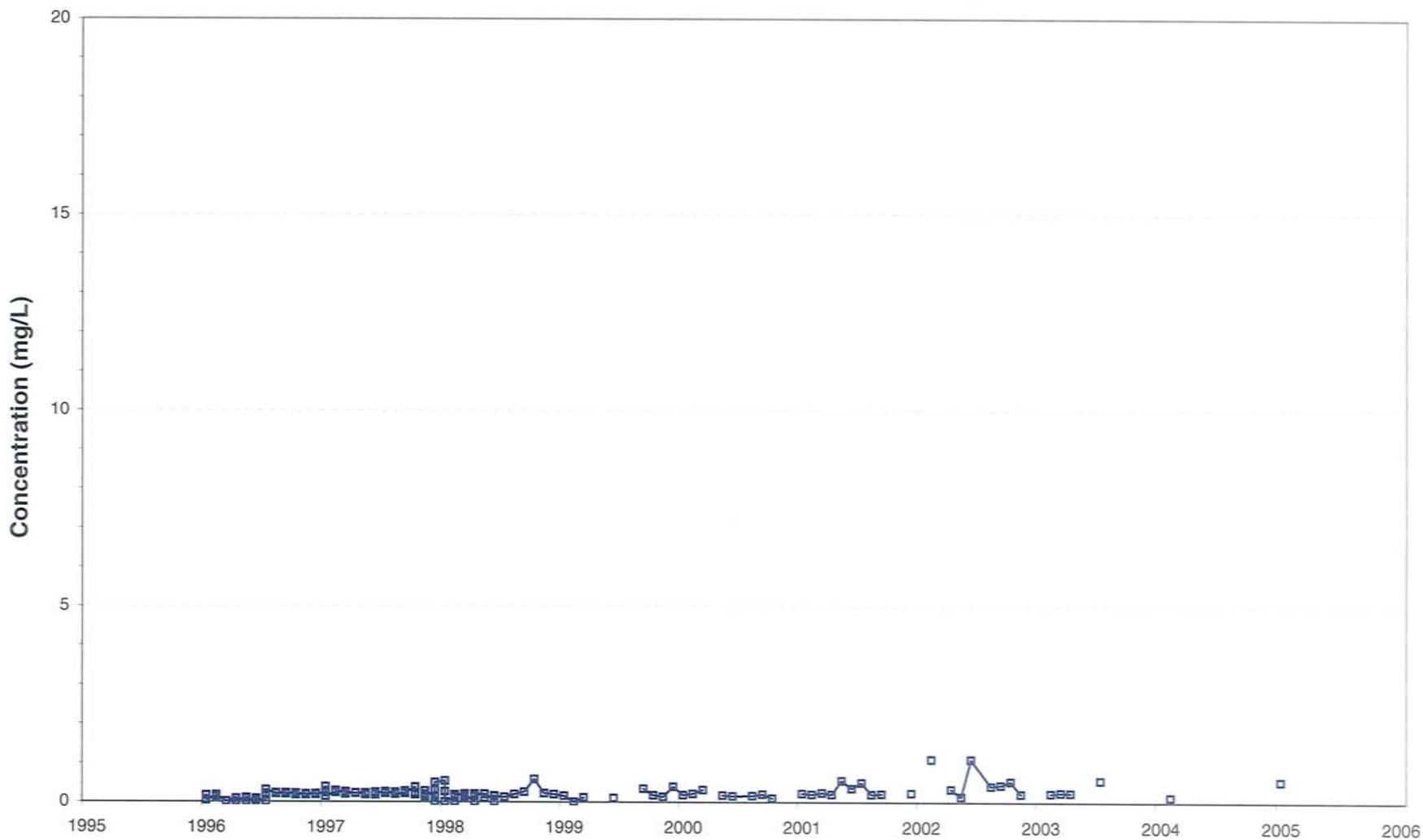


**INJECTION ZONE, UPPER AND
LOWER MONITORING ZONES
WATER QUALITY DATA**

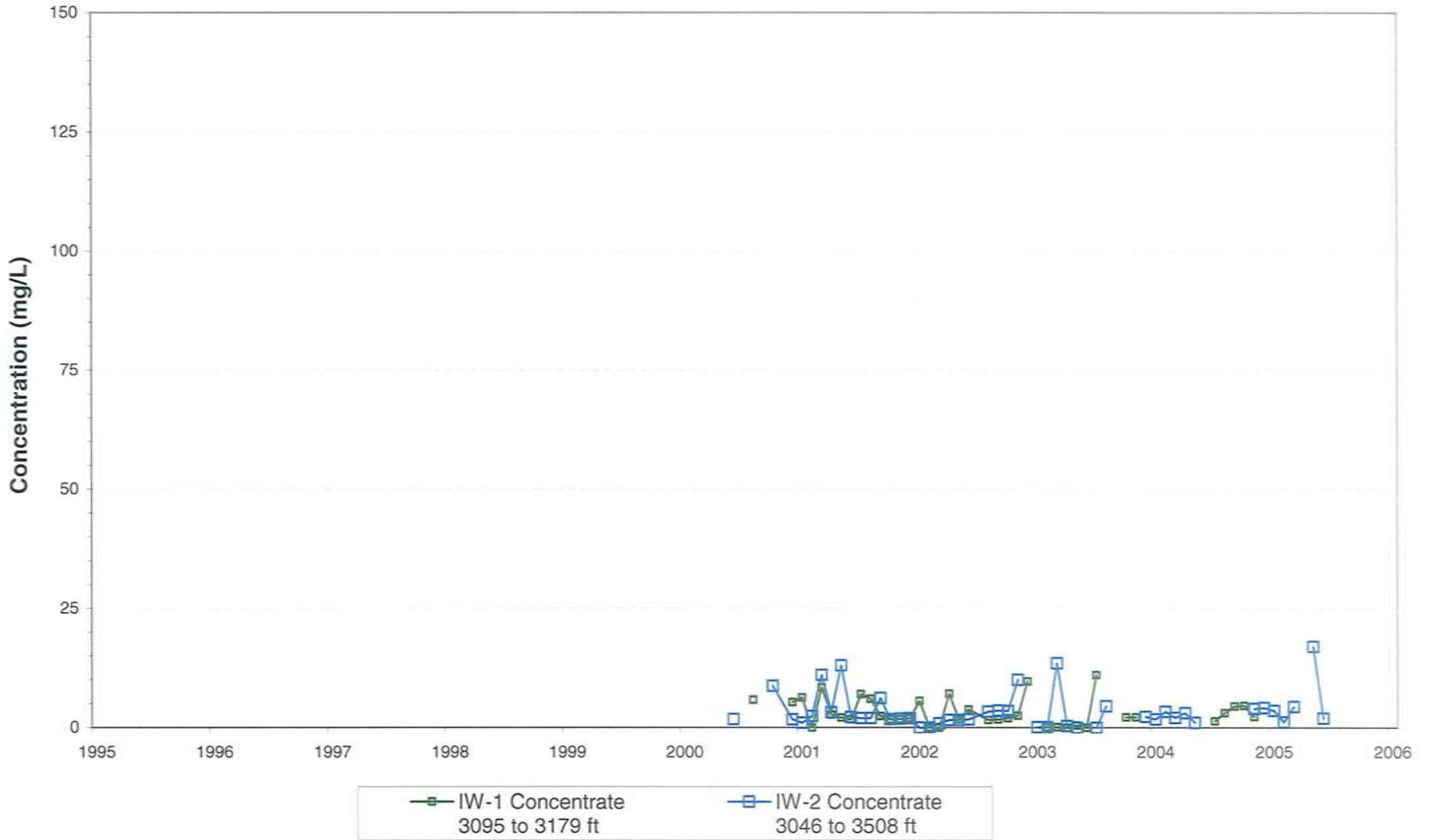
City of Miramar West WTP
Water Quality Data
AMMONIA (NH3)
Concentrate



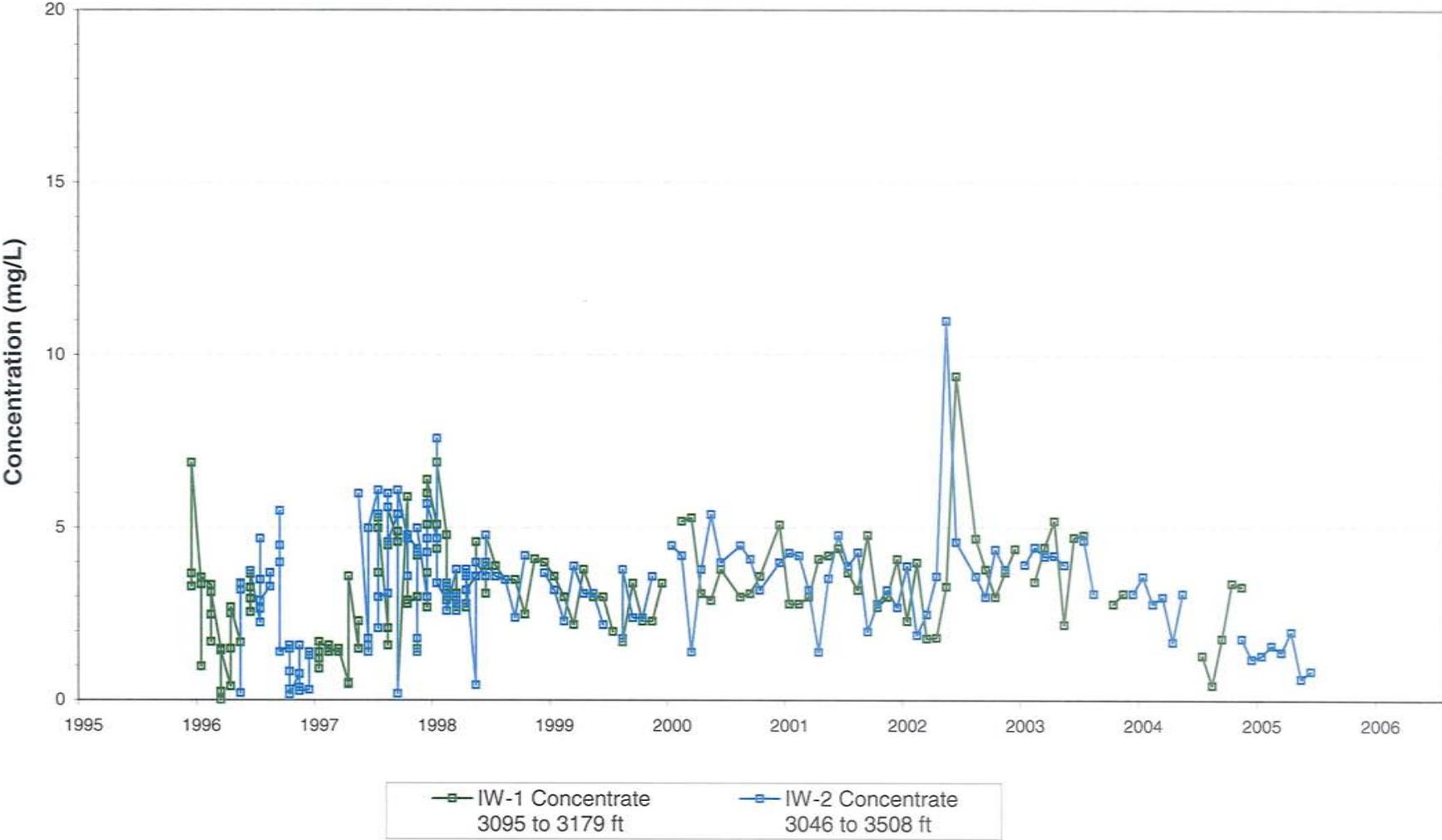
City of Miramar West WTP
Water Quality Data
AMMONIA (NH3)
Lower Monitor Zone 1,930 to 2,005 ft bpl



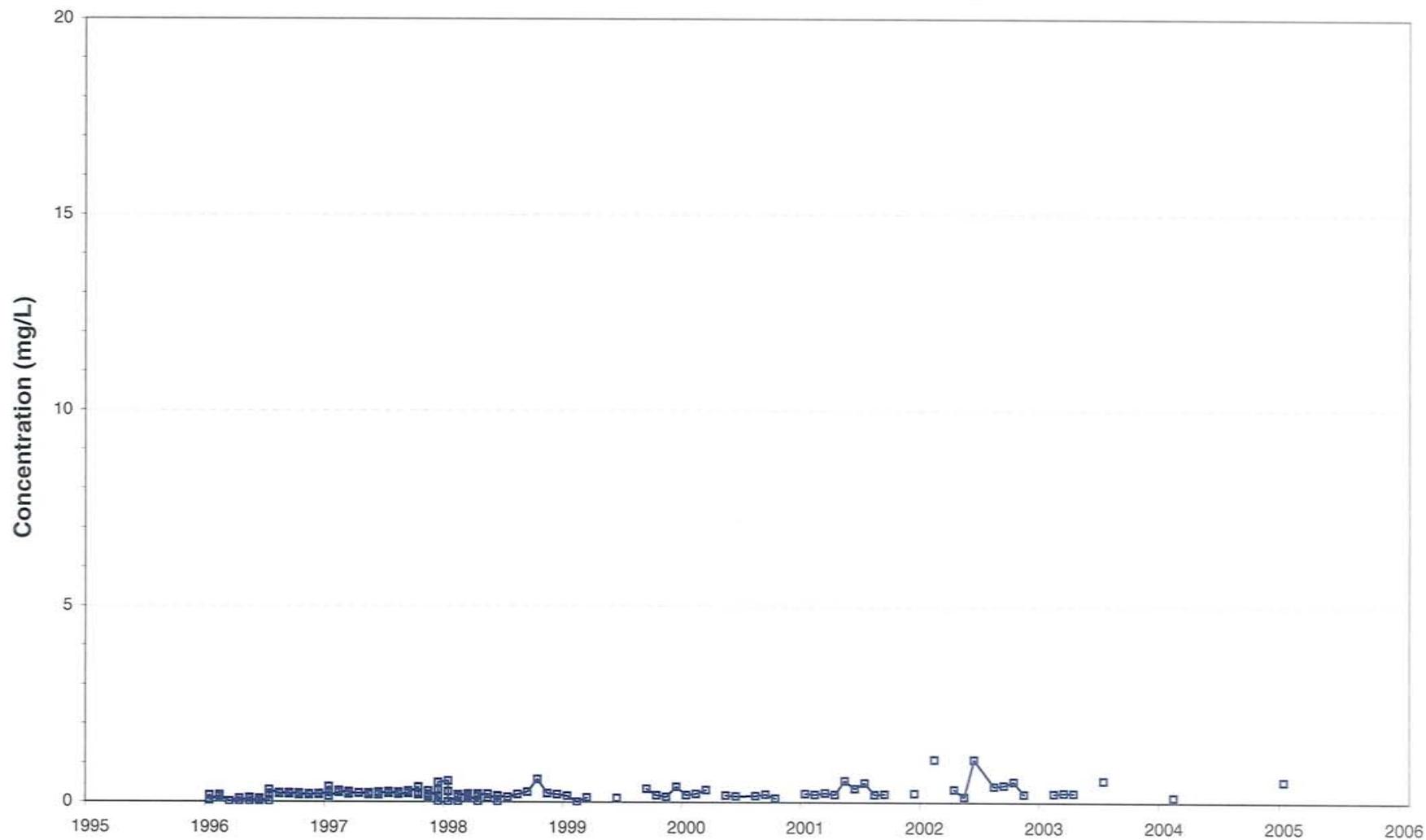
City of Miramar West WTP
Water Quality Data
BROMIDE Concentrate



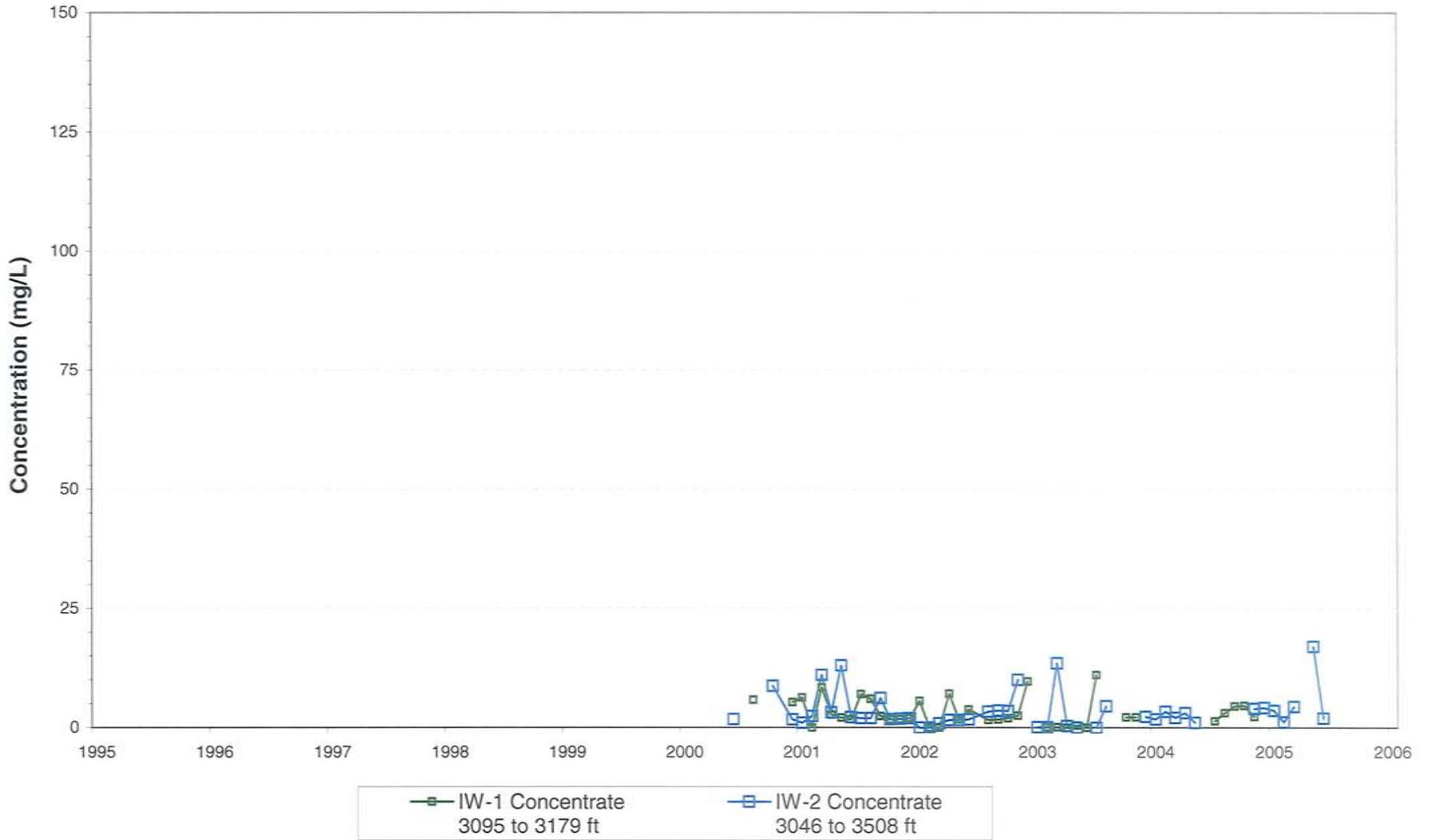
City of Miramar West WTP
Water Quality Data
AMMONIA (NH3)
Concentrate



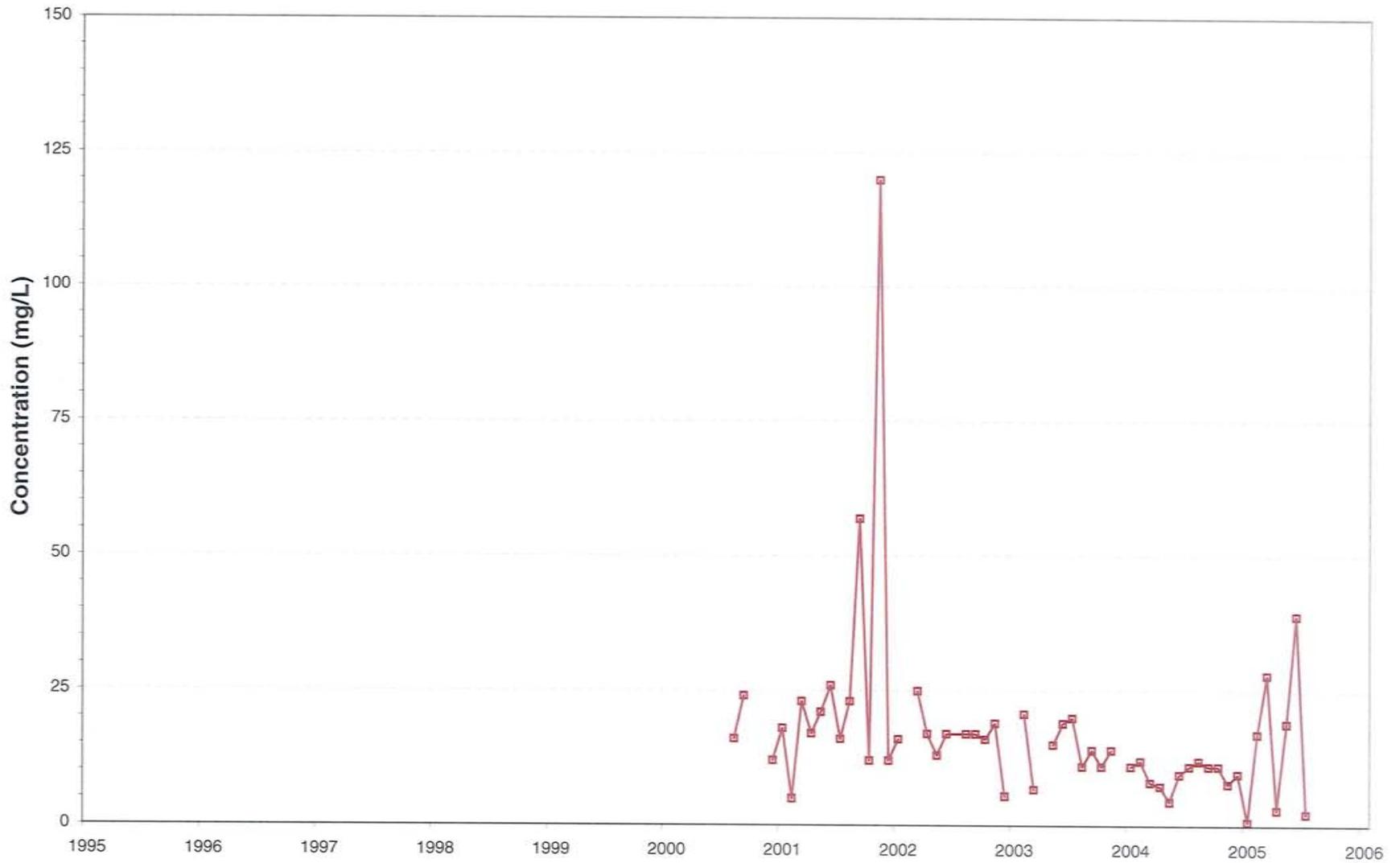
City of Miramar West WTP
Water Quality Data
AMMONIA (NH3)
Lower Monitor Zone 1,930 to 2,005 ft bpl



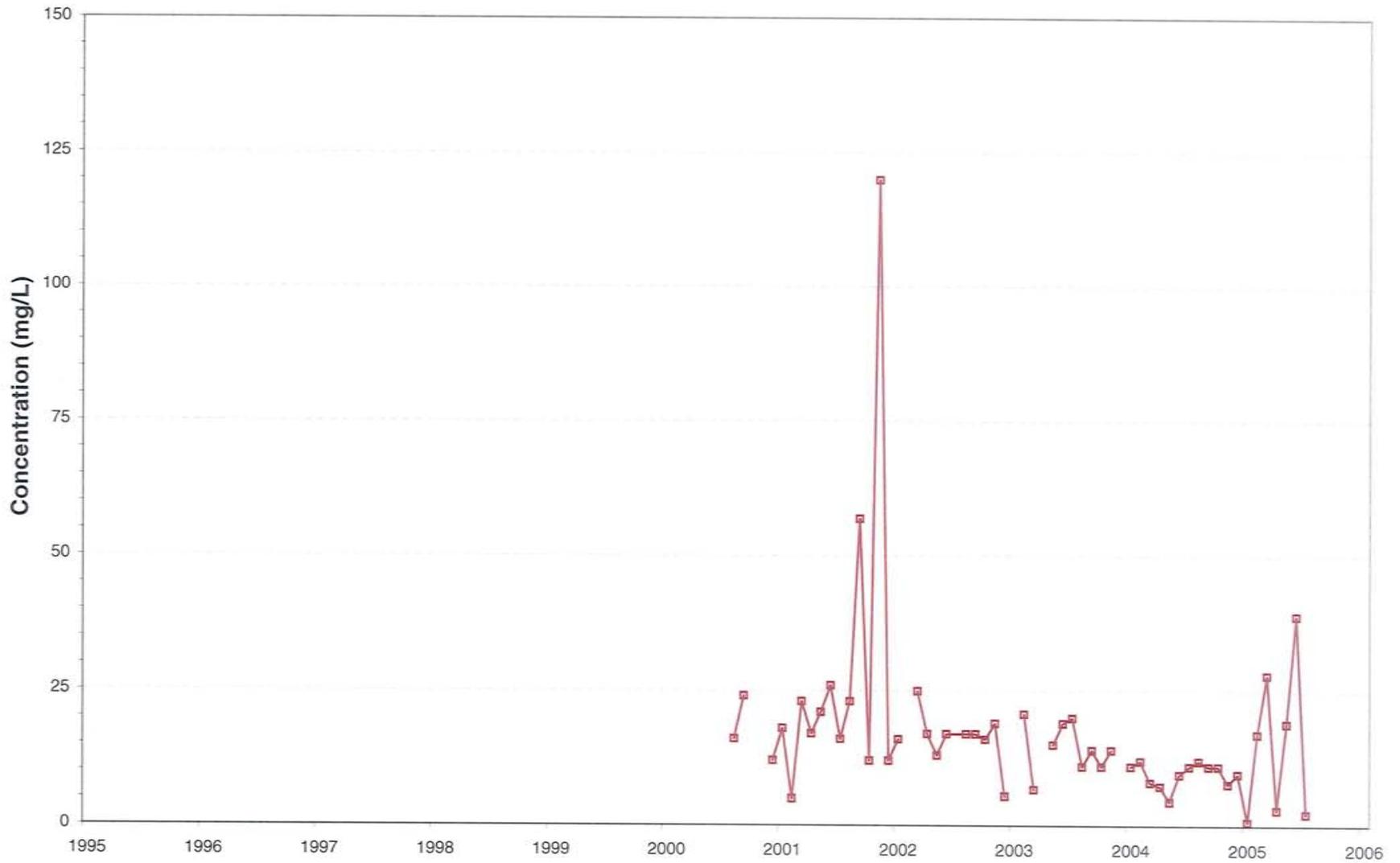
City of Miramar West WTP
Water Quality Data
BROMIDE Concentrate



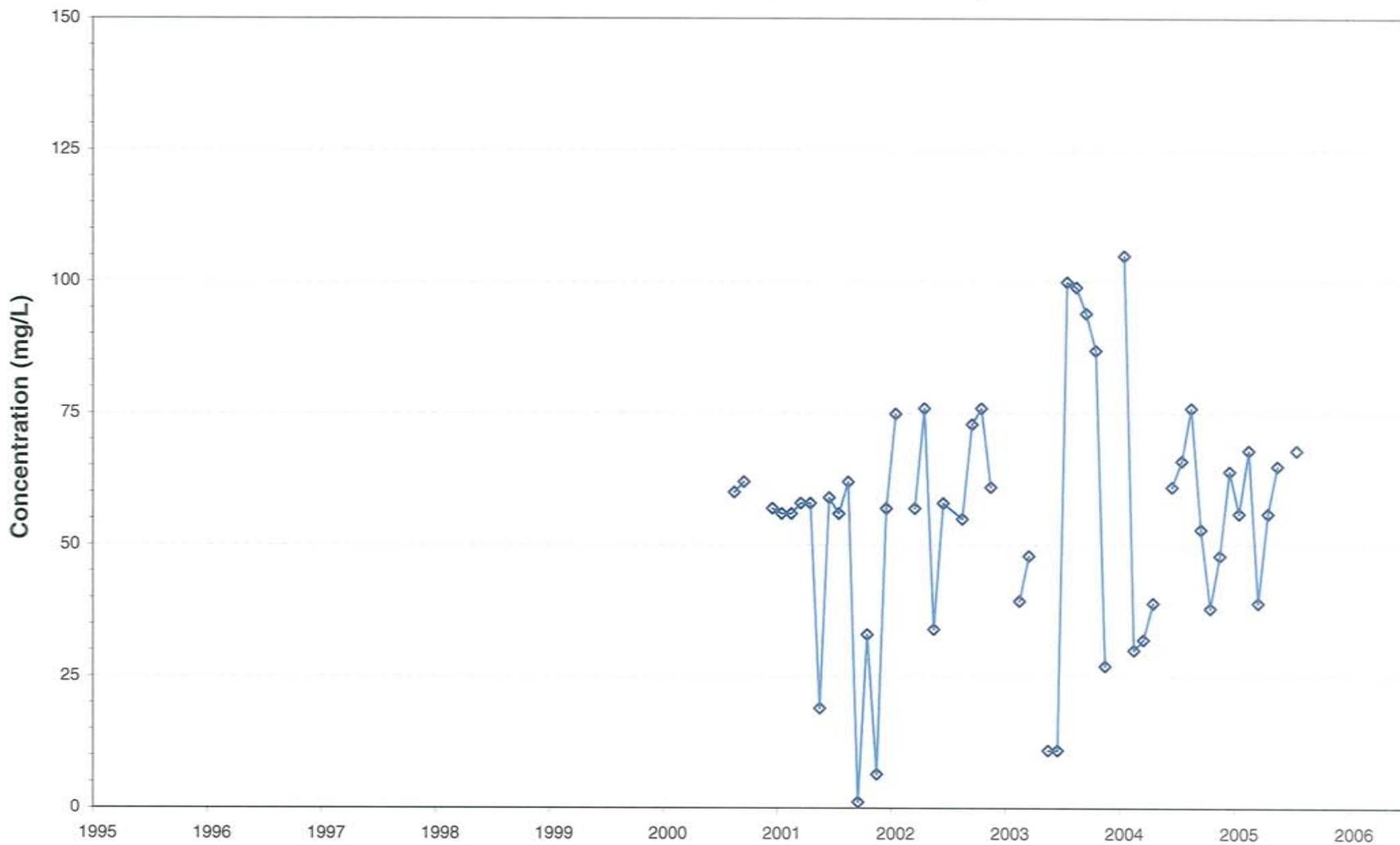
City of Miramar West WTP
Water Quality Data
BROMIDE
Upper Monitor Zone 1,639 to 1,738 ft bpl



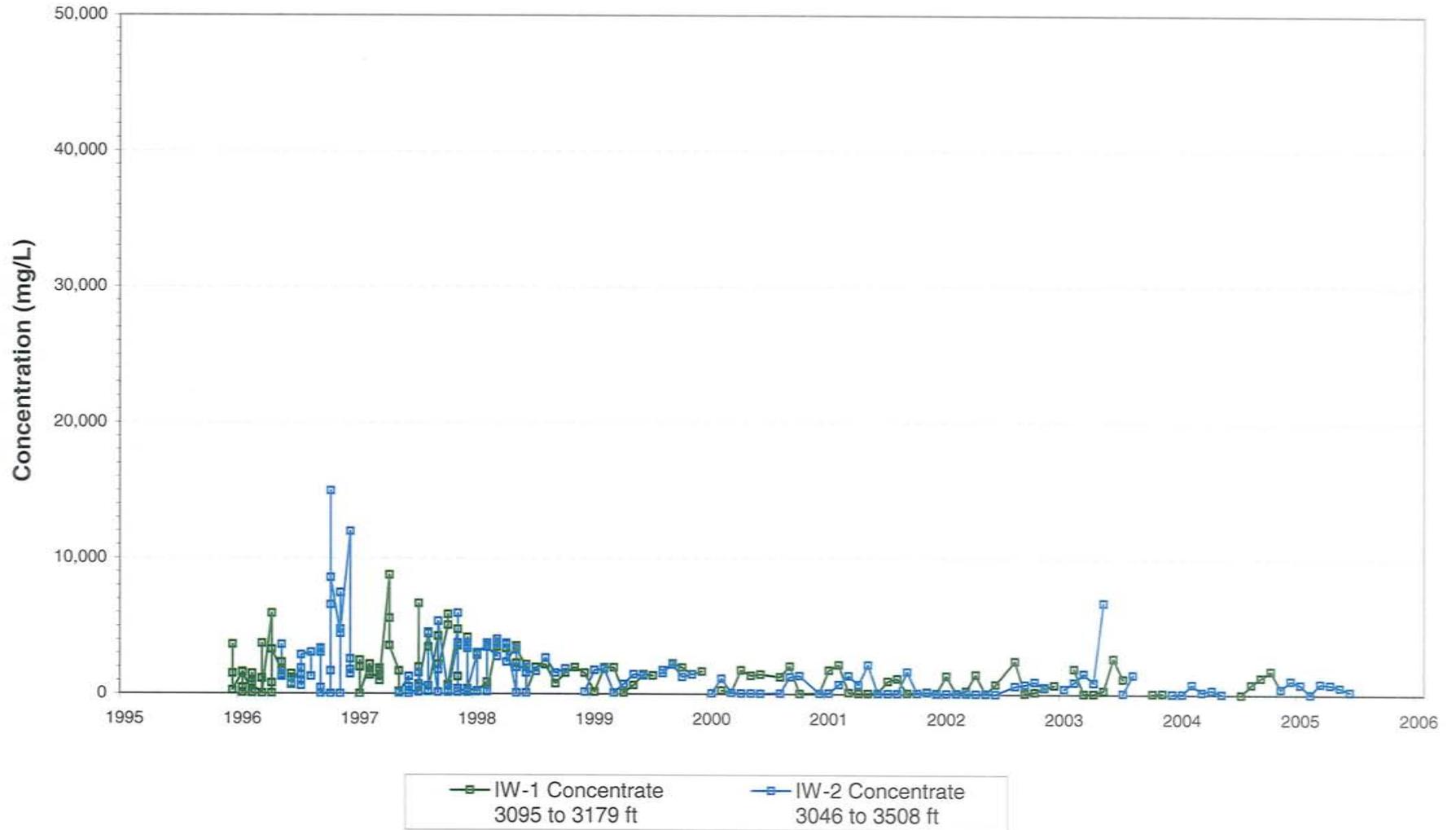
City of Miramar West WTP
Water Quality Data
BROMIDE
Upper Monitor Zone 1,639 to 1,738 ft bpl



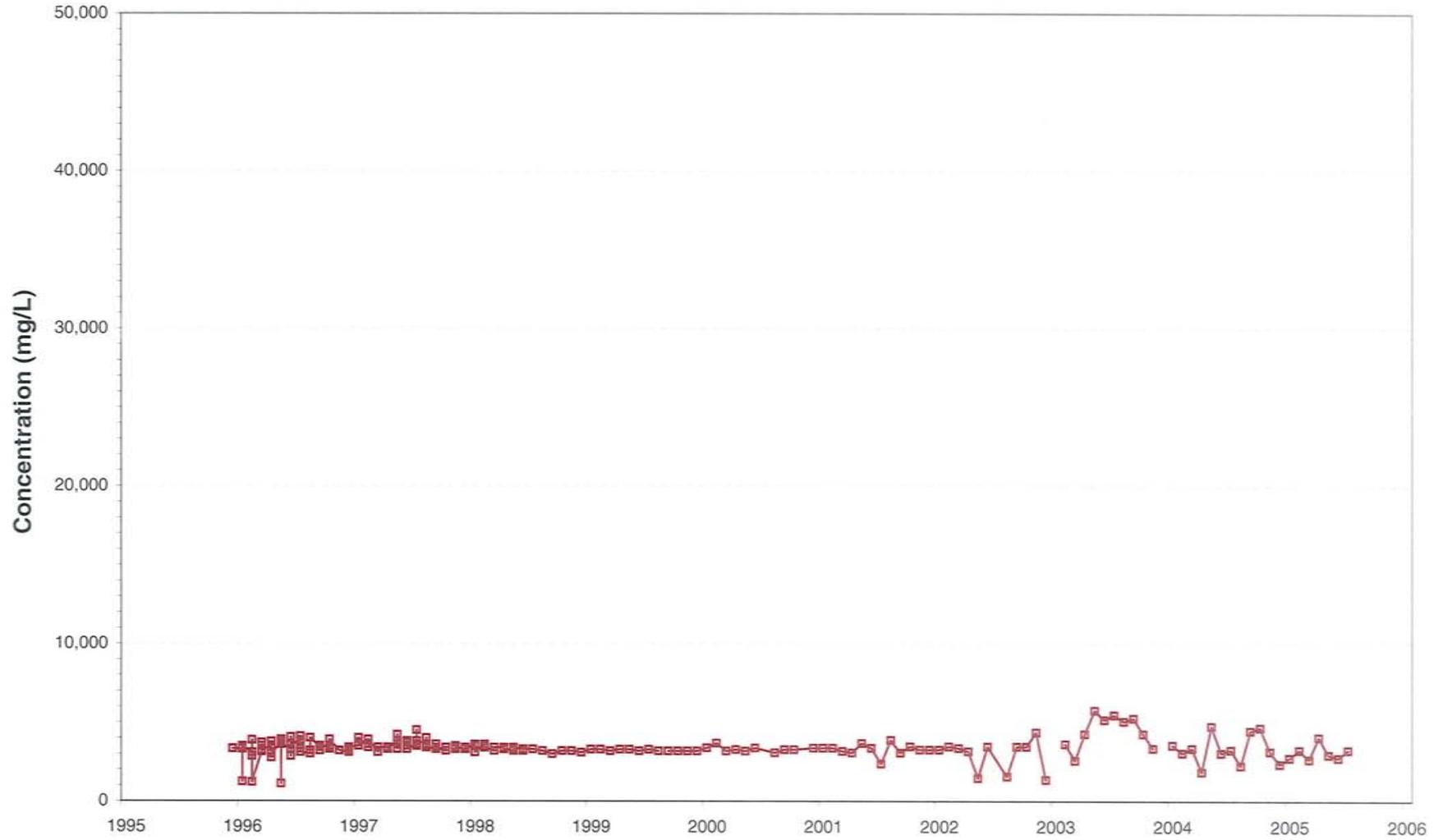
City of Miramar West WTP
Water Quality Data
BROMIDE
Lower Monitor Zone 1,930 to 2,005 ft bpl



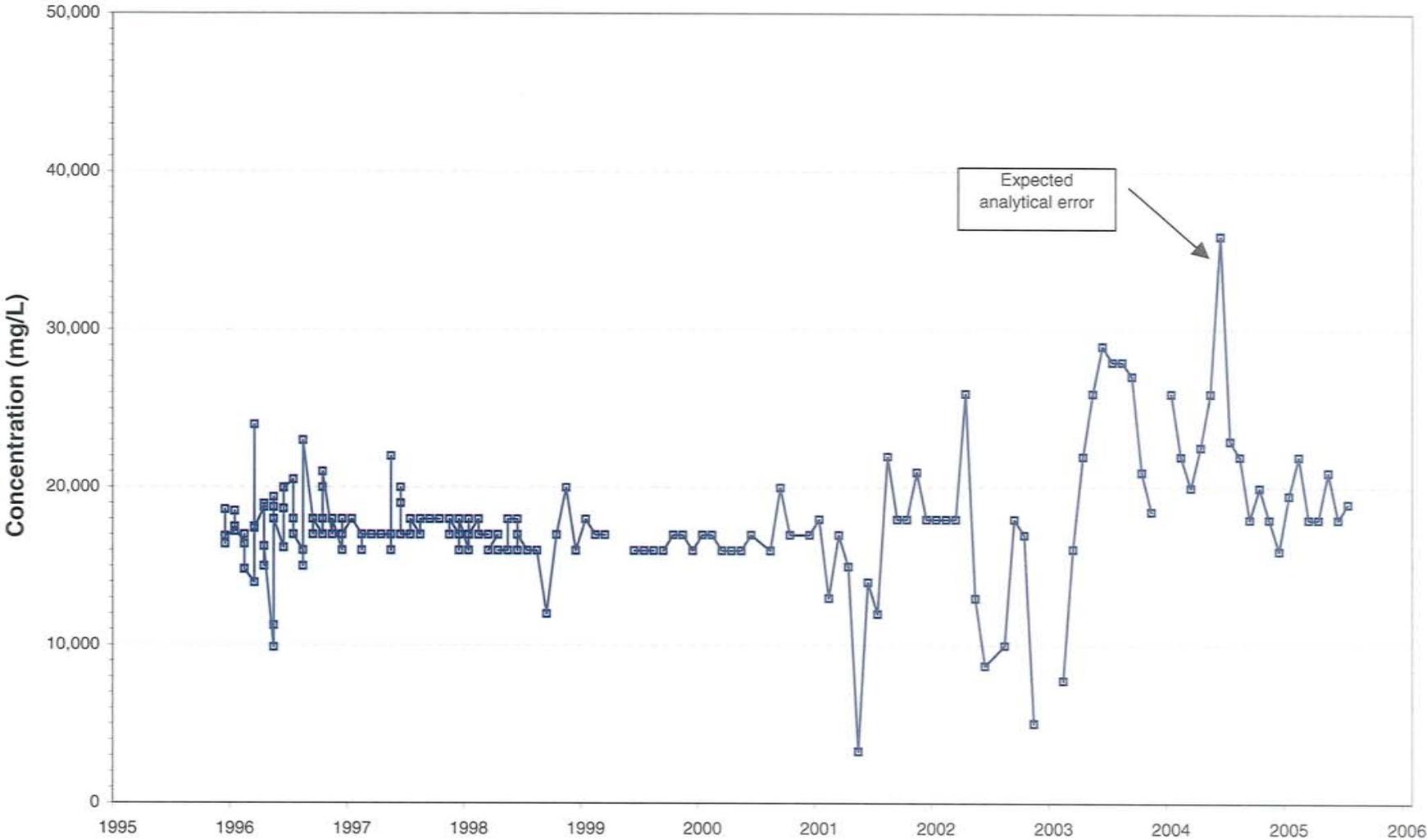
City of Miramar West WTP
Water Quality Data
CHLORIDE Concentrate



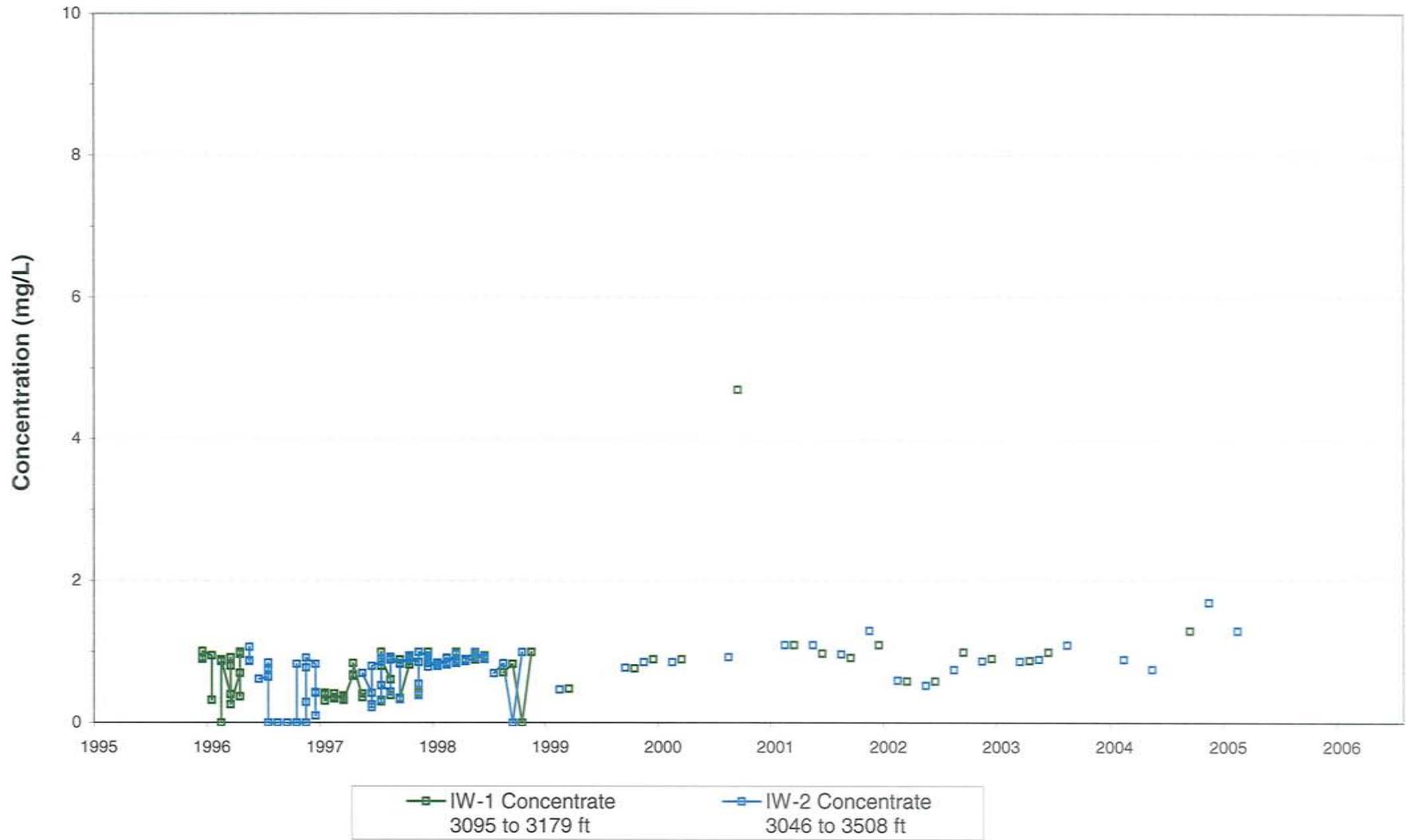
City of Miramar West WTP
Water Quality Data
CHLORIDE
Upper Monitor Zone 1,639 to 1,738 ft bpl



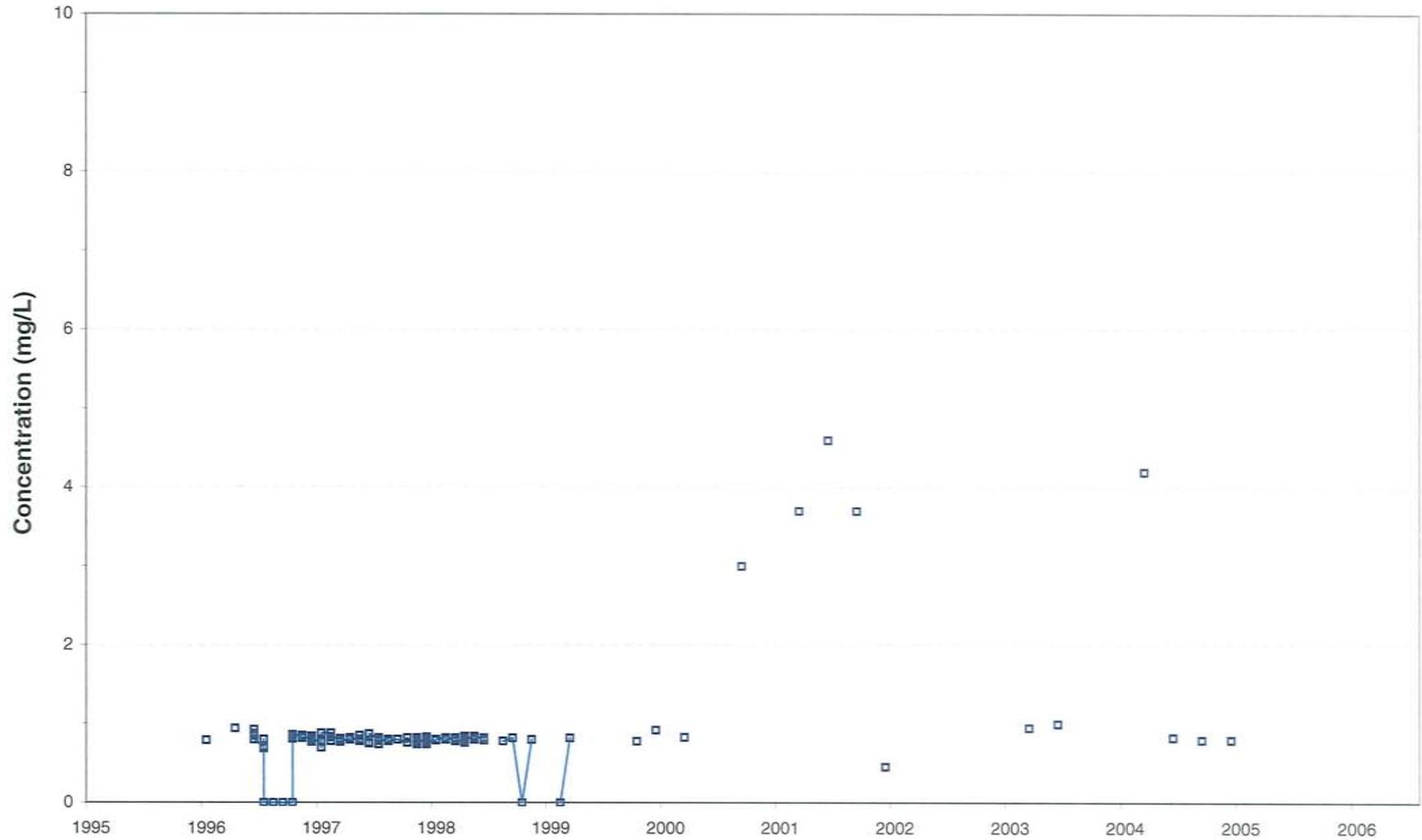
City of Miramar West WTP
Water Quality Data
CHLORIDE
Lower Monitor Zone 1,930 to 2,005 ft bpl



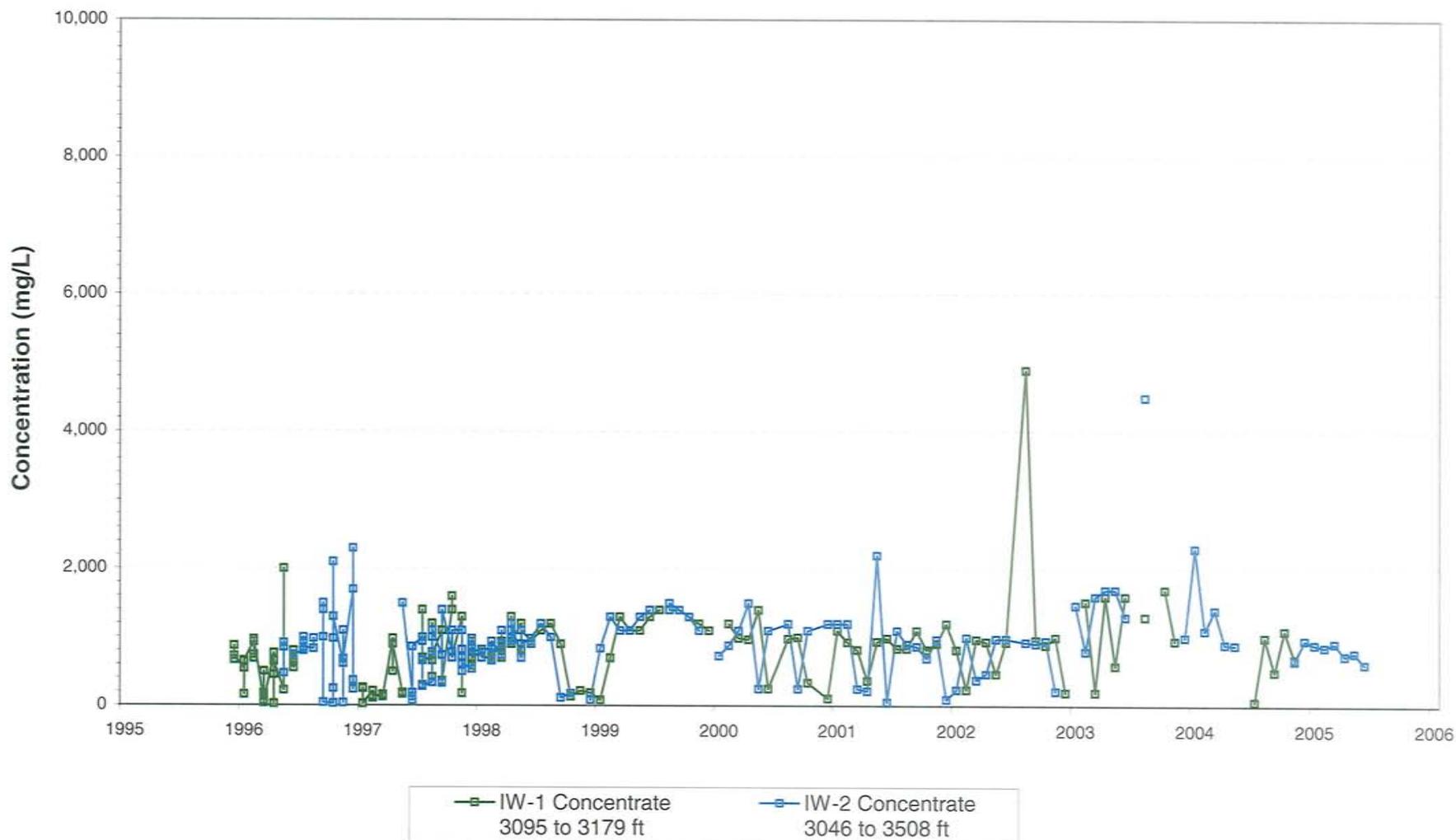
City of Miramar West WTP
Water Quality Data
FLOURIDE Concentrate



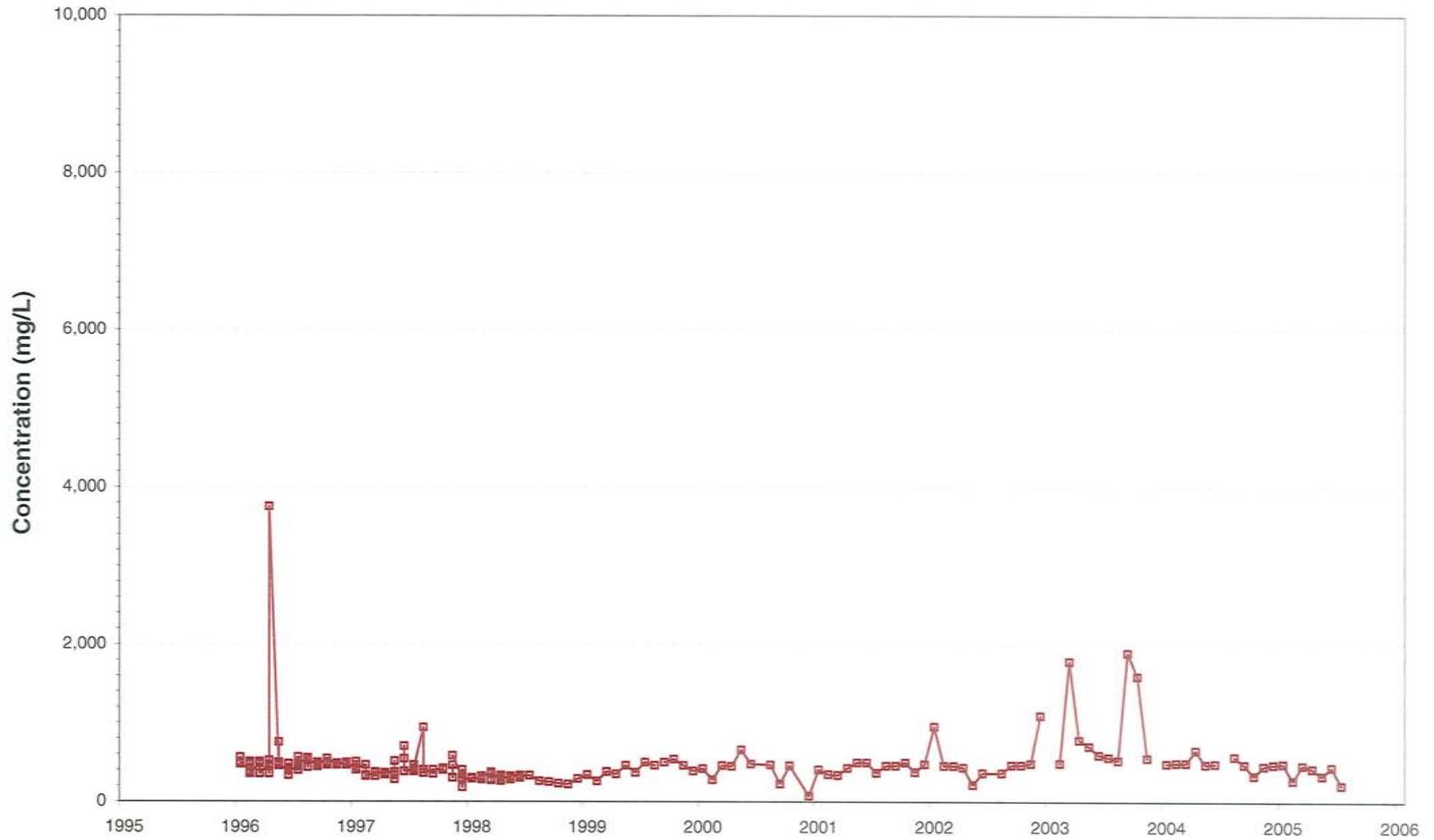
City of Miramar West WTP
Water Quality Data
FLOURIDE
Lower Monitor Zone 1,930 to 2,005 ft bpl



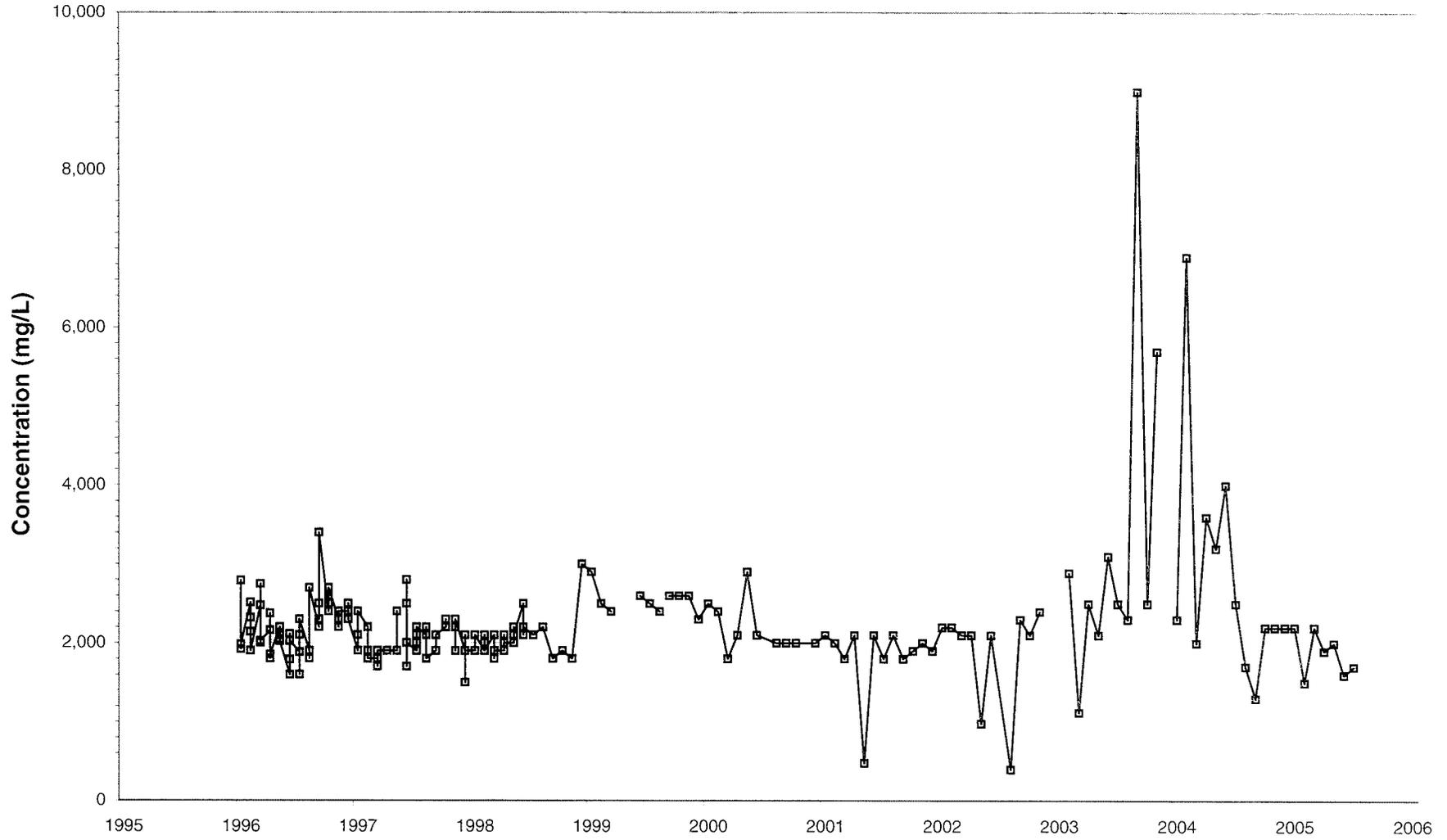
City of Miramar West WTP
Water Quality Data
SULFATE Concentrate



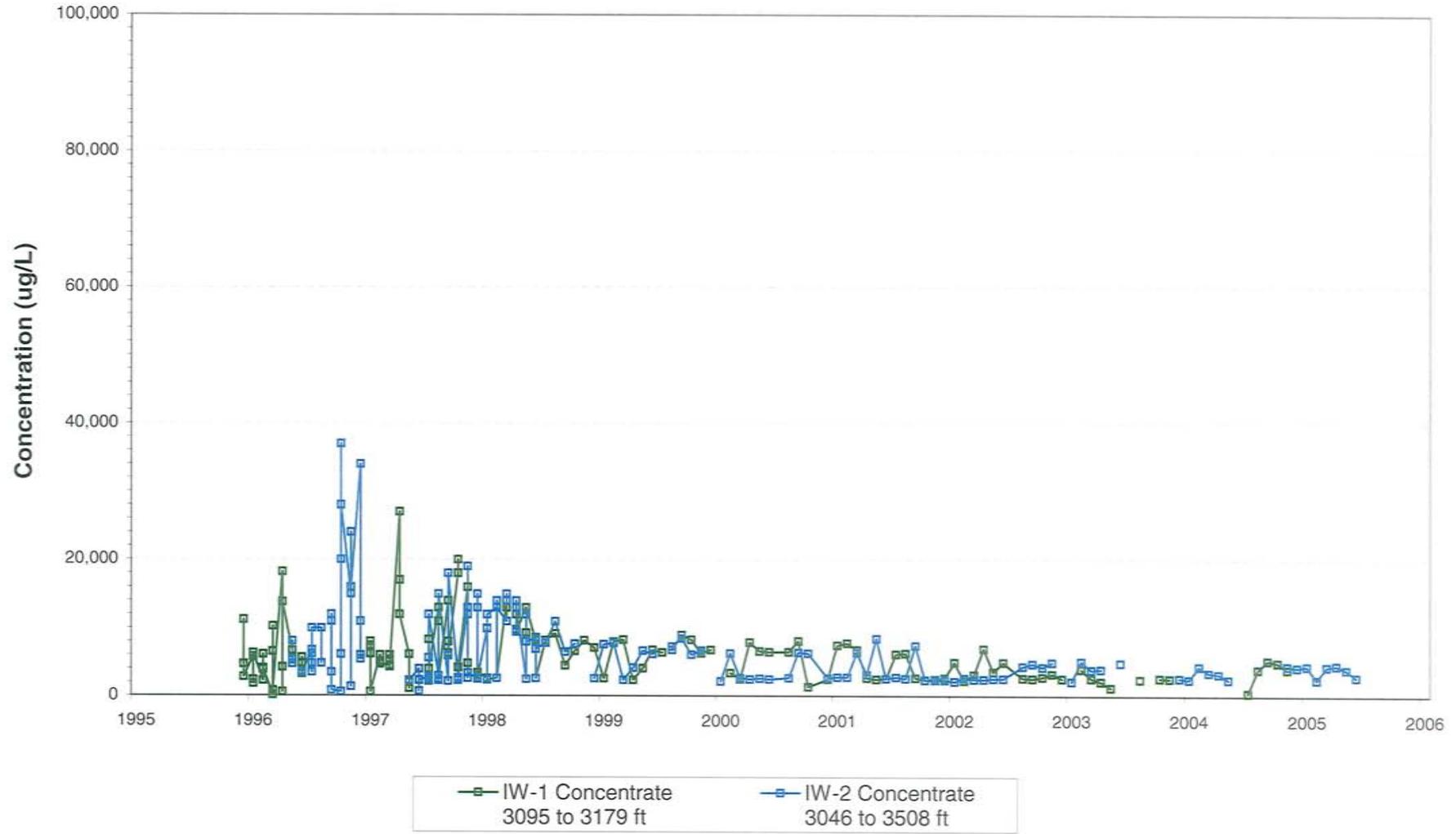
City of Miramar West WTP
Water Quality Data
SULFATE
Upper Monitor Zone 1,639 to 1,738 ft bpl



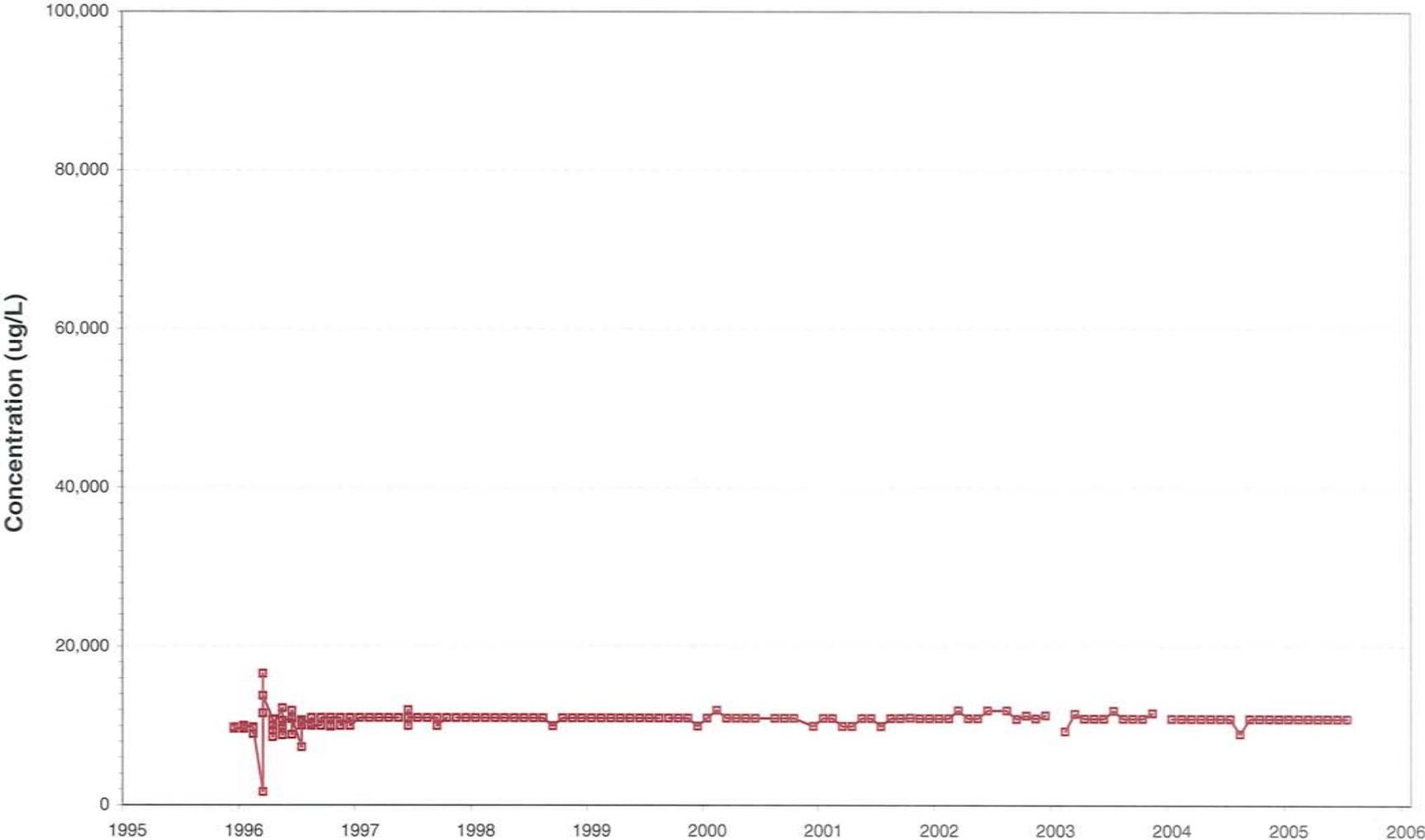
City of Miramar West WTP
Water Quality Data
SULFATE
Lower Monitor Zone 1,930 to 2,005 ft bpl



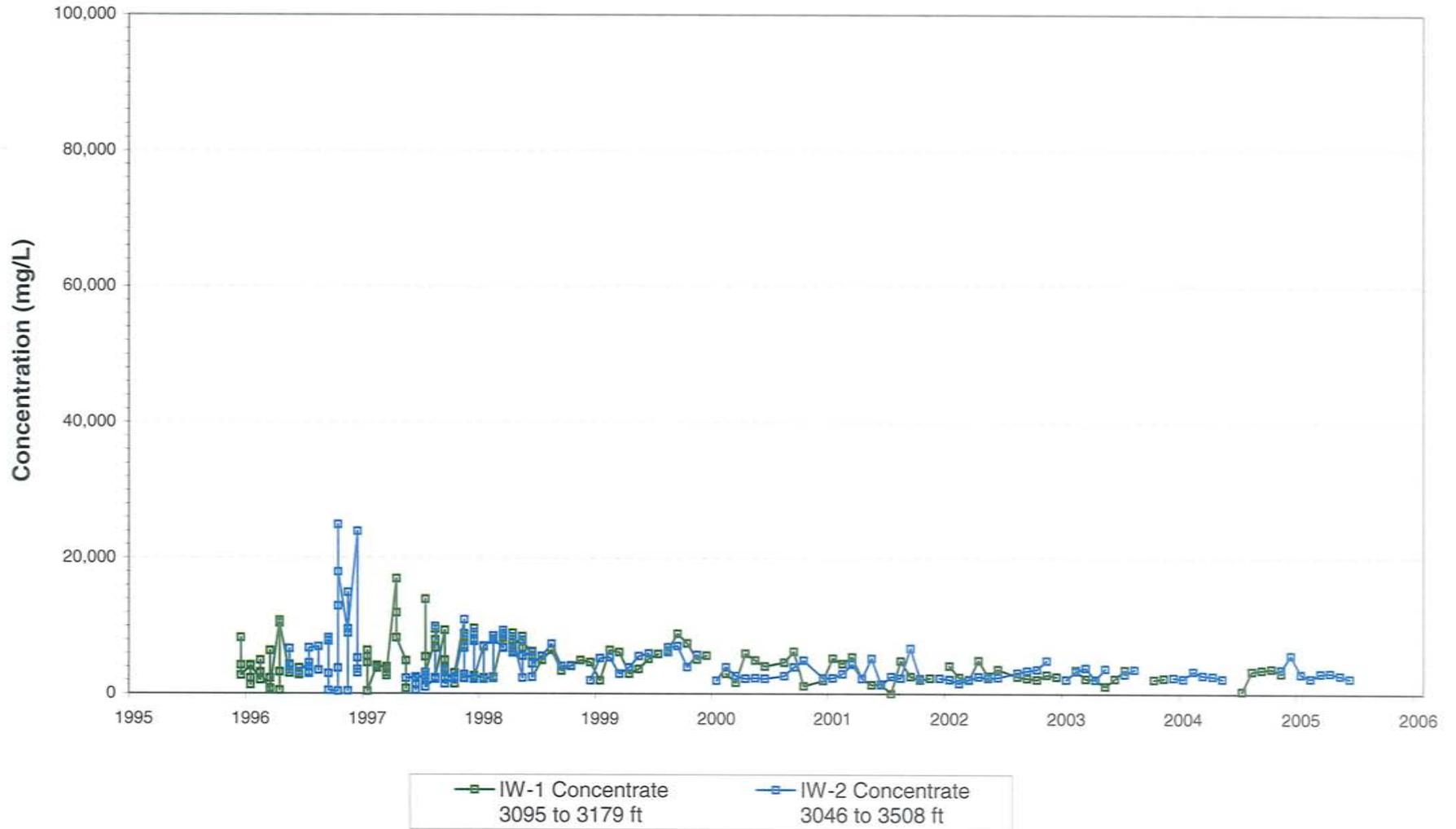
City of Miramar West WTP
Water Quality Data
SPECIFIC CONDUCTANCE Concentrate



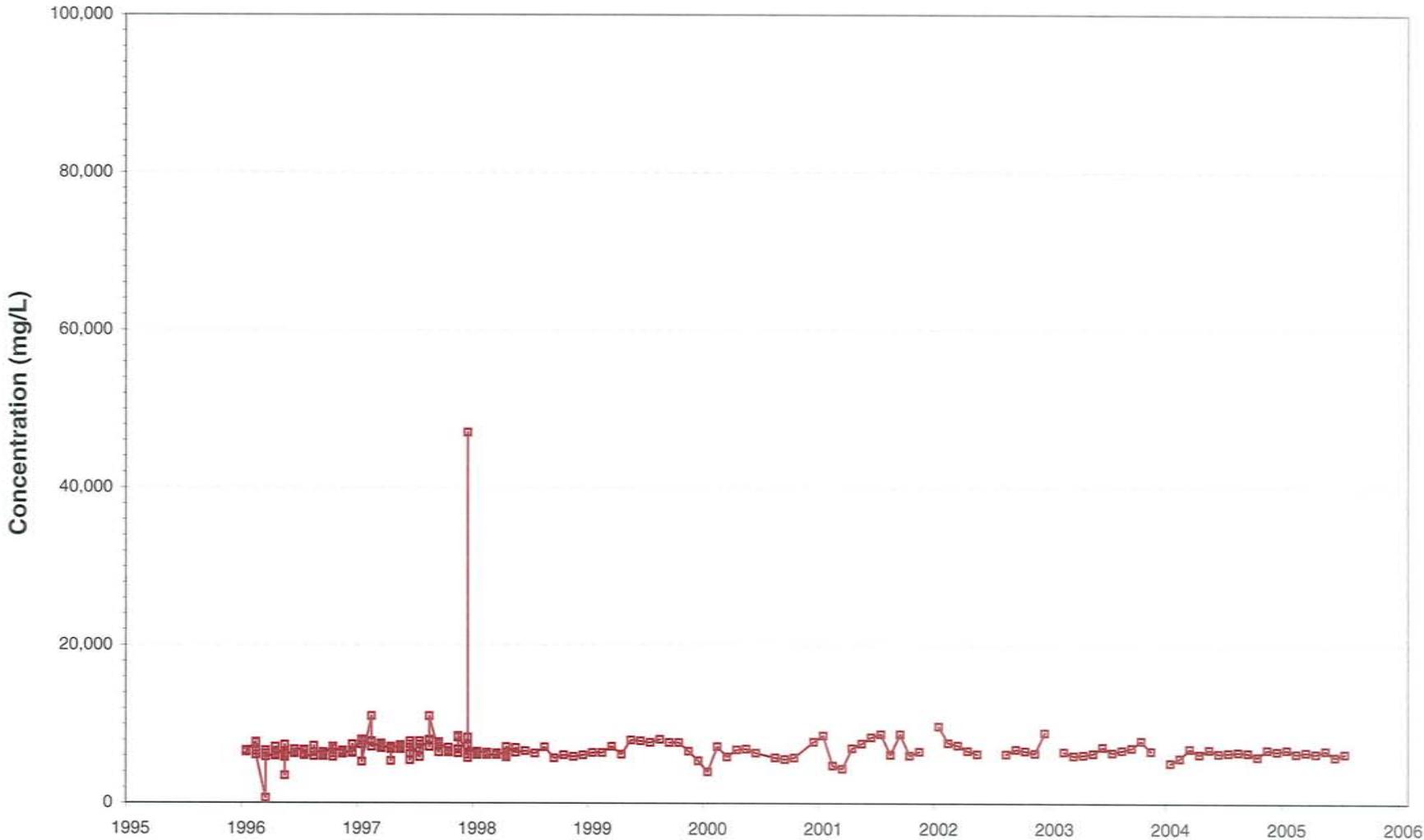
City of Miramar West WTP
Water Quality Data
SPECIFIC CONDUCTANCE
Upper Monitor Zone 1,639 to 1,738 ft bpl



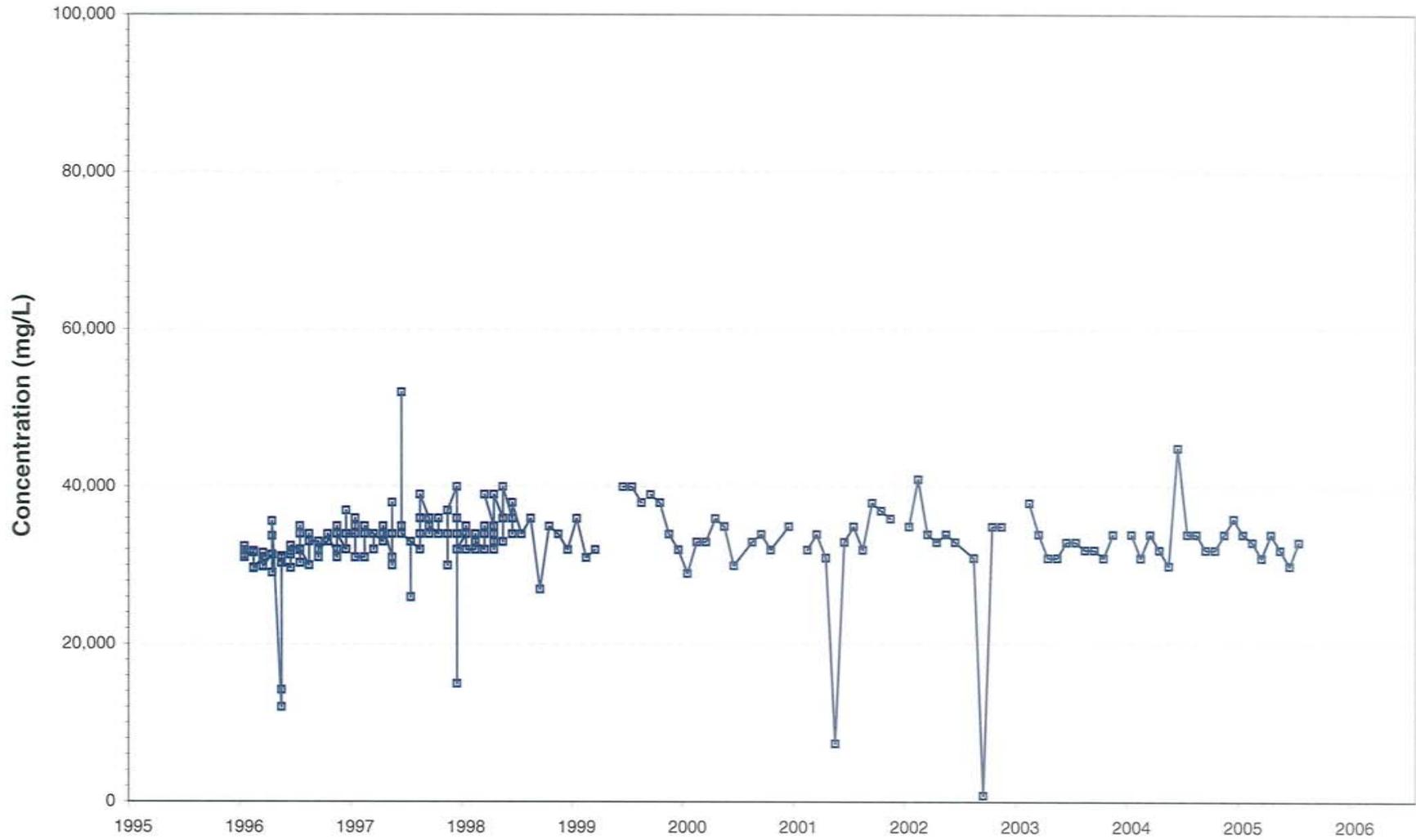
City of Miramar West WTP
Water Quality Data
TOTAL DISSOLVED SOLIDS Concentrate



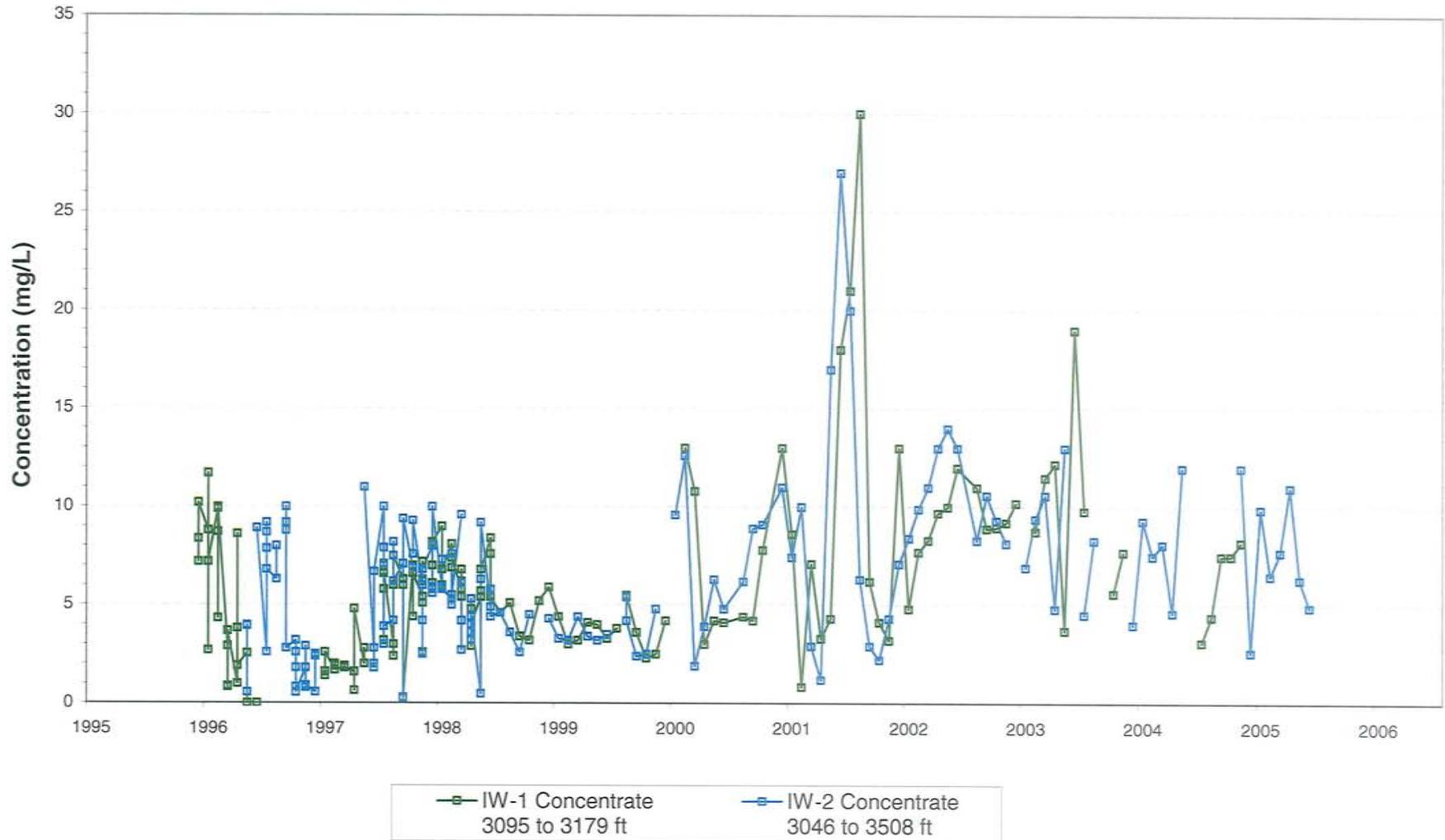
City of Miramar West WTP
Water Quality Data
TOTAL DISSOLVED SOLIDS
Upper Monitor Zone 1,639 to 1,738 ft bpl



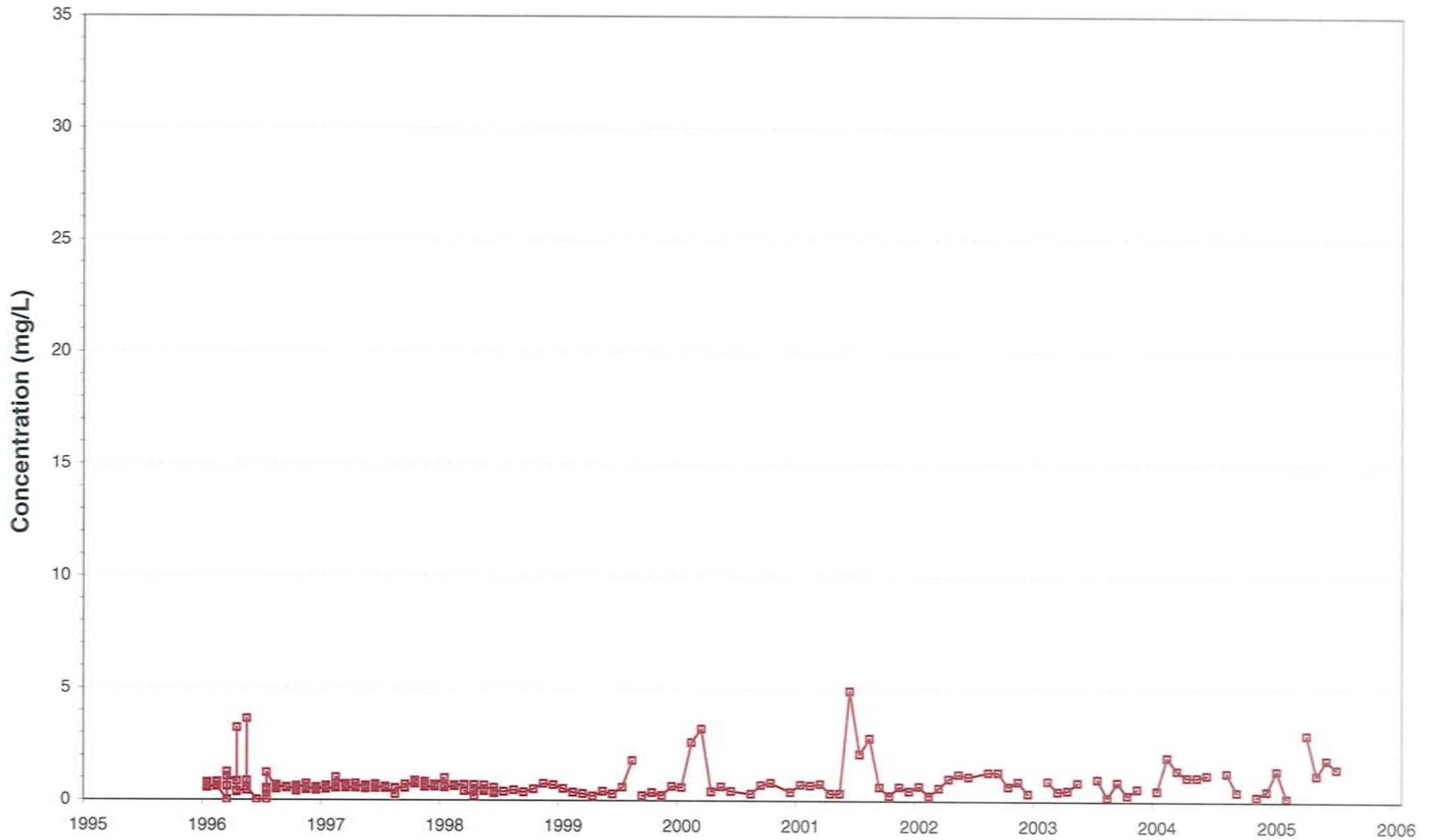
City of Miramar West WTP
Water Quality Data
TOTAL DISSOLVED SOLIDS
Lower Monitor Zone 1,930 to 2,005 ft bpl



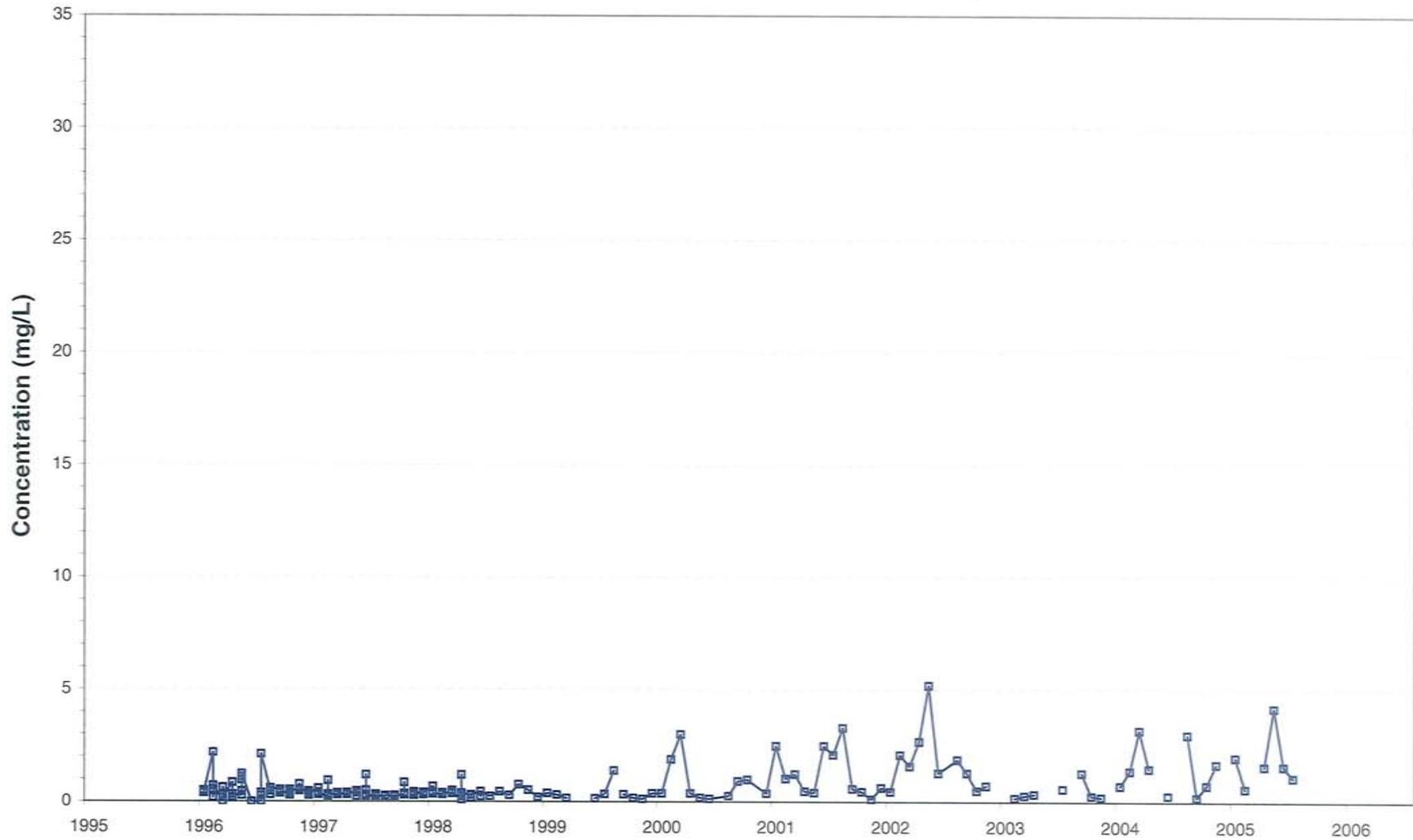
City of Miramar West WTP
Water Quality Data
TOTAL KJELDAHL NITROGEN Concentrate



City of Miramar West WTP
Water Quality Data
TOTAL KJELDAHL NITROGEN
Upper Monitor Zone 1,639 to 1,738 ft bpl



City of Miramar West WTP
Water Quality Data
TOTAL KJELDAHL NITROGEN
Lower Monitor Zone 1,930 to 2,005 ft bpl



CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max
12/1/1995	1.0	0.0	0.0	11.0	11.0	11.0	69.0	10.0	30.0	36.0	27.0	29.0	1445	0	281	0.28	76.0	57.0	68.0	37.0	27.0	29.0	0	0	0	0	0.00
12/2/1995	1.0	0.0	0.0	11.0	11.0	11.0	9.0	4.0	6.0	27.0	26.0	27.0	1320	0	57	0.12	94.0	76.0	84.0	27.0	26.0	27.0	0	0	0	0	0.00
12/3/1995	1.0	0.0	0.0	11.0	11.0	11.0	5.0	3.0	4.0	27.0	26.0	27.0	1200	0	32	0.03	95.0	40.0	64.0	27.0	26.0	27.0	0	0	0	0	0.00
12/4/1995	1.0	0.0	0.0	11.0	11.0	11.0	6.0	3.0	4.0	40.0	26.0	31.0	1171	0	67	0.13	39.0	22.0	30.0	42.0	26.0	32.0	0	0	0	0	0.00
12/5/1995	1.0	0.0	0.0	11.0	11.0	11.0	4.0	3.0	3.0	33.0	27.0	29.0	997	0	23	0.04	22.0	14.0	18.0	34.0	27.0	29.0	0	0	0	0	0.00
12/6/1995	1.0	0.0	0.0	13.0	10.0	11.0	60.0	3.0	38.0	39.0	5.0	26.0	1776	0	30	0.17	14.0	10.0	12.0	41.0	27.0	31.0	0	0	0	0	0.00
12/6/1995	1.0	0.0	0.0	11.0	11.0	11.0	87.0	58.0	68.0	39.0	27.0	31.0	1746	0	472	1.02	9.0	6.0	8.0	41.0	27.0	31.0	0	0	0	0	0.00
12/9/1995	0.0	0.0	0.0	11.0	7.0	11.0	83.0	15.0	38.0	27.0	25.0	27.0	53	0	26	0.08	8.0	5.0	6.0	27.0	27.0	27.0	0	0	0	0	0.00
12/11/1995	0.0	0.0	0.0	11.0	10.0	11.0	14.0	5.0	9.0	27.0	26.0	26.0	0	0	0	0.00	5.0	4.0	5.0	27.0	26.0	26.0	0	0	0	0	0.00
12/12/1995	0.0	0.0	0.0	11.0	10.0	11.0	64.0	3.0	19.0	34.0	27.0	29.0	1385	0	163	0.33	5.0	3.0	4.0	38.0	26.0	29.0	0	0	0	0	0.00
12/13/1995	0.0	0.0	0.0	11.0	11.0	11.0	93.0	23.0	65.0	36.0	26.0	31.0	1422	0	236	0.38	75.0	4.0	24.0	34.0	27.0	28.0	0	0	0	0	0.00
12/14/1995	1.0	0.0	0.0	12.0	11.0	11.0	96.0	12.0	41.0	34.0	25.0	30.0	851	0	434	0.97	68.0	53.0	62.0	34.0	25.0	31.0	0	0	0	0	0.00
12/16/1995	0.0	0.0	0.0	11.0	7.0	11.0	12.0	5.0	8.0	32.0	27.0	29.0	772	0	94	0.21	73.0	60.0	68.0	32.0	27.0	29.0	0	0	0	0	0.00
12/17/1995	0.0	0.0	0.0	11.0	11.0	11.0	88.0	4.0	55.0	34.0	27.0	29.0	1185	0	323	0.38	93.0	70.0	80.0	35.0	27.0	29.0	0	0	0	0	0.00
12/18/1995	0.0	0.0	0.0	11.0	11.0	11.0	95.0	20.0	55.0	34.0	27.0	28.0	1000	0	154	0.37	92.0	34.0	55.0	35.0	27.0	28.0	0	0	0	0	0.00
12/19/1995	2.0	0.0	1.0	12.0	11.0	11.0	19.0	9.0	14.0	36.0	26.0	29.0	1346	0	280	0.49	33.0	17.0	25.0	37.0	26.0	29.0	0	0	0	0	0.00
12/20/1995	2.0	1.0	2.0	11.0	8.0	11.0	2.0	1.0	1.0	35.0	27.0	29.0	1396	0	222	0.38	17.0	1.0	9.0	37.0	27.0	29.0	0	0	0	0	0.00
12/21/1995	2.0	1.0	2.0	11.0	11.0	11.0	1.0	1.0	1.0	35.0	26.0	29.0	1246	0	280	0.47	12.0	10.0	11.0	36.0	27.0	29.0	0	0	0	0	0.00
12/22/1995	2.0	1.0	1.0	11.0	11.0	11.0	67.0	1.0	44.0	36.0	26.0	28.0	1368	0	186	0.30	79.0	10.0	52.0	37.0	26.0	28.0	0	0	0	0	0.00
12/24/1995	2.0	1.0	1.0	11.0	11.0	11.0	64.0	59.0	62.0	26.0	26.0	26.0	118	0	47	0.09	64.0	53.0	58.0	26.0	26.0	26.0	0	0	0	0	0.00
12/25/1995	2.0	1.0	1.0	11.0	11.0	11.0	62.0	58.0	59.0	26.0	25.0	26.0	194	0	43	0.08	64.0	53.0	61.0	26.0	26.0	26.0	0	0	0	0	0.00
12/26/1995	2.0	1.0	1.0	11.0	11.0	11.0	61.0	57.0	58.0	36.0	26.0	28.0	1481	0	244	0.40	70.0	63.0	67.0	26.0	25.0	26.0	0	0	0	0	0.00
12/27/1995	2.0	1.0	1.0	11.0	11.0	11.0	59.0	55.0	57.0	34.0	25.0	30.0	1272	0	150	0.24	83.0	72.0	76.0	35.0	25.0	30.0	0	0	0	0	0.00
12/28/1995	2.0	0.0	1.0	12.0	11.0	11.0	55.0	54.0	55.0	36.0	27.0	32.0	1261	0	166	0.28	82.0	75.0	79.0	37.0	28.0	33.0	0	0	0	0	0.00
12/29/1995	2.0	1.0	2.0	11.0	8.0	11.0	57.0	53.0	54.0	36.0	30.0	33.0	1662	0	365	0.74	93.0	1.0	51.0	37.0	30.0	34.0	0	0	0	0	0.00
12/31/1995	2.0	1.0	2.0	11.0	11.0	11.0	53.0	51.0	52.0	34.0	33.0	34.0	844	774	678	0.01	1.0	1.0	1.0	34.0	34.0	34.0	0	0	0	0	0.00
1/1/1996	3.0	1.0	2.0	11.0	11.0	11.0	53.0	50.0	51.0	37.0	27.0	31.0	1343	0	371	0.73	1.0	1.0	1.0	34.0	33.0	34.0	0	0	0	0	0.00
1/2/1996	1.0	1.0	1.0	12.0	11.0	11.0	53.0	50.0	51.0	33.0	27.0	29.0	978	0	345	0.68	2.0	1.0	1.0	38.0	27.0	31.0	0	0	0	0	0.00
1/3/1996	1.0	0.0	1.0	11.0	11.0	11.0	50.0	47.0	49.0	36.0	27.0	29.0	1350	0	242	0.40	2.0	1.0	1.0	34.0	27.0	29.0	0	0	0	0	0.00
1/4/1996	2.0	0.0	1.0	11.0	11.0	11.0	47.0	47.0	47.0	27.0	27.0	27.0	1517	197	137	0.08	1.0	0.0	0.0	37.0	27.0	29.0	0	0	0	0	0.00
1/5/1996	2.0	0.0	1.0	12.0	8.0	10.0	50.0	45.0	47.0	39.0	27.0	29.0	1625	0	280	0.40	5.0	0.0	0.0	40.0	26.0	29.0	0	0	0	0	0.00
1/6/1996	2.0	0.0	1.0	11.0	11.0	11.0	50.0	45.0	47.0	27.0	26.0	26.0	128	0	32	0.07	1.0	0.0	0.0	27.0	26.0	26.0	0	0	0	0	0.00
1/7/1996	2.0	0.0	1.0	11.0	11.0	11.0	49.0	44.0	46.0	27.0	26.0	26.0	131	0	37	0.07	1.0	0.0	0.0	27.0	26.0	26.0	0	0	0	0	0.00
1/8/1996	1.0	0.0	0.0	11.0	11.0	11.0	46.0	43.0	44.0	34.0	26.0	28.0	1171	0	235	0.38	0.0	0.0	0.0	27.0	26.0	26.0	0	0	0	0	0.00
1/10/1996	1.0	0.0	0.0	11.0	11.0	11.0	76.0	42.0	59.0	35.0	26.0	28.0	958	0	281	0.40	0.0	0.0	0.0	34.0	26.0	28.0	0	0	0	0	0.00
1/11/1996	2.0	0.0	1.0	11.0	11.0	11.0	77.0	70.0	73.0	34.0	26.0	28.0	1028	0	243	0.39	1.0	0.0	0.0	36.0	26.0	28.0	0	0	0	0	0.00
1/12/1996	0.0	0.0	0.0	11.0	11.0	11.0	75.0	69.0	72.0	36.0	26.0	28.0	1163	0	250	0.40	45.0	0.0	5.0	36.0	26.0	28.0	0	0	0	0	0.00
1/13/1996	0.0	0.0	0.0	11.0	11.0	11.0	72.0	66.0	69.0	35.0	26.0	28.0	1231	0	224	0.38	1.0	0.0	0.0	36.0	26.0	28.0	0	0	0	0	0.00
1/14/1996	1.0	0.0	0.0	11.0	11.0	11.0	67.0	63.0	65.0	27.0	26.0	26.0	125	0	51	0.09	1.0	0.0	0.0	36.0	26.0	28.0	0	0	0	0	0.00
1/15/1996	0.0	0.0	0.0	11.0	11.0	11.0	71.0	62.0	66.0	26.0	26.0	26.0	132	0	81	0.08	1.0	0.0	0.0	27.0	26.0	26.0	0	0	0	0	0.00
1/16/1996	0.0	0.0	0.0	11.0	11.0	11.0	70.0	66.0	67.0	26.0	26.0	26.0	222	0	55	0.10	1.0	0.0	0.0	26.0	26.0	26.0	0	0	0	0	0.00
1/17/1996	1.0	0.0	0.0	13.0	11.0	11.0	70.0	66.0	68.0	36.0	26.0	28.0	1446	0	248	0.40	20.0	0.0	2.0	38.0	26.0	28.0	0	0	0	0	0.00
1/18/1996	1.0	0.0	0.0	13.0	7.0	12.0	72.0	66.0	68.0	35.0	26.0	29.0	1287	0	221	0.31	2.0	0.0	1.0	36.0	26.0	28.0	0	0	0	0	0.00
1/19/1996	1.0	0.0	0.0	13.0	13.0	13.0	72.0	66.0	68.0	38.0	28.0	29.0	1430	0	127	0.25	2.0	0.0	1.0	39.0	28.0	29.0	0	0	0	0	0.00
1/20/1996	1.0	0.0	0.0	13.0	13.0	13.0	72.0	64.0	67.0	29.0	29.0	29.0	1270	0	200	0.30	2.0	0.0	1.0	40.0	28.0	30.0	0	0	0	0	0.00

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW-RATE DATA**

Date Sampled	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-3 Daily Flow Rate (gpm)				IW-3 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
12/1/1996	1.0	0.0	0.0	13.0	13.0	13.0	72.0	65.0	68.0	31.0	30.0	30.0	1.0	0.0	0.0	31.0	30.0	30.0	0	0	0	0	0.00
12/3/1996	0.0	0.0	0.0	13.0	13.0	13.0	71.0	65.0	67.0	37.0	29.0	30.0	1.0	0.0	0.0	38.0	29.0	30.0	0	0	0	0	0.00
12/4/1996	0.0	0.0	0.0	13.0	12.0	13.0	71.0	66.0	68.0	38.0	29.0	30.0	1.0	0.0	0.0	39.0	29.0	30.0	0	0	0	0	0.00
12/5/1996	1.0	0.0	0.0	13.0	12.0	12.0	73.0	65.0	68.0	37.0	30.0	31.0	1.0	0.0	0.0	38.0	30.0	31.0	0	0	0	0	0.00
12/6/1996	0.0	0.0	0.0	13.0	9.0	12.0	70.0	65.0	67.0	39.0	23.0	28.0	1.0	0.0	0.0	40.0	23.0	28.0	0	0	0	0	0.00
12/8/1996	1.0	0.0	0.0	14.0	13.0	13.0	71.0	67.0	68.0	36.0	23.0	29.0	1.0	0.0	0.0	37.0	23.0	29.0	0	0	0	0	0.00
12/9/1996	1.0	0.0	1.0	14.0	12.0	13.0	72.0	66.0	69.0	32.0	30.0	30.0	1.0	0.0	0.0	32.0	30.0	30.0	0	0	0	0	0.00
12/9/1996	1.0	0.0	0.0	14.0	12.0	13.0	70.0	66.0	68.0	31.0	30.0	30.0	0.0	0.0	0.0	31.0	30.0	30.0	0	0	0	0	0.00
12/9/1996	1.0	0.0	0.0	14.0	12.0	13.0	70.0	66.0	68.0	39.0	30.0	31.0	0.0	0.0	0.0	40.0	30.0	31.0	0	0	0	0	0.00
12/9/1996	1.0	0.0	0.0	14.0	12.0	13.0	73.0	66.0	68.0	36.0	30.0	31.0	1.0	0.0	0.0	37.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	1.0	0.0	1.0	14.0	12.0	13.0	74.0	66.0	69.0	41.0	30.0	31.0	1.0	0.0	0.0	37.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	1.0	0.0	0.0	14.0	12.0	13.0	74.0	66.0	69.0	36.0	30.0	31.0	1.0	0.0	0.0	37.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	1.0	0.0	1.0	14.0	12.0	13.0	72.0	67.0	69.0	39.0	30.0	31.0	1.0	0.0	0.0	40.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	14.0	12.0	13.0	71.0	65.0	69.0	31.0	30.0	30.0	1.0	0.0	0.0	31.0	30.0	30.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	13.0	12.0	12.0	67.0	61.0	64.0	31.0	30.0	30.0	0.0	0.0	0.0	31.0	30.0	30.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	13.0	13.0	13.0	67.0	61.0	63.0	35.0	30.0	31.0	68.0	0.0	32.0	36.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	14.0	13.0	13.0	65.0	60.0	62.0	37.0	30.0	31.0	63.0	57.0	60.0	37.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	1.0	0.0	0.0	14.0	13.0	13.0	66.0	61.0	63.0	38.0	30.0	31.0	58.0	52.0	55.0	40.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	14.0	6.0	12.0	68.0	61.0	64.0	39.0	27.0	30.0	52.0	47.0	50.0	40.0	27.0	30.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	14.0	12.0	13.0	70.0	61.0	65.0	36.0	30.0	30.0	71.0	45.0	57.0	37.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	1.0	0.0	0.0	14.0	12.0	13.0	69.0	61.0	64.0	31.0	30.0	30.0	81.0	70.0	76.0	31.0	30.0	30.0	0	0	0	0	0.00
12/17/1996	0.0	0.0	0.0	14.0	12.0	13.0	67.0	61.0	63.0	31.0	30.0	31.0	70.0	62.0	67.0	31.0	30.0	31.0	0	0	0	0	0.00
12/19/1996	0.0	0.0	0.0	13.0	12.0	12.0	67.0	61.0	63.0	37.0	30.0	31.0	73.0	60.0	64.0	37.0	30.0	31.0	0	0	0	0	0.00
12/19/1996	0.0	0.0	0.0	14.0	12.0	13.0	68.0	60.0	63.0	38.0	30.0	31.0	79.0	67.0	74.0	39.0	30.0	31.0	0	0	0	0	0.00
12/19/1996	0.0	0.0	0.0	13.0	5.0	12.0	68.0	60.0	63.0	34.0	27.0	29.0	72.0	63.0	68.0	35.0	27.0	29.0	0	0	0	0	0.00
12/19/1996	2.0	0.0	1.0	14.0	12.0	13.0	68.0	61.0	64.0	35.0	28.0	30.0	70.0	62.0	66.0	36.0	28.0	30.0	0	0	0	0	0.00
12/19/1996	2.0	0.0	1.0	14.0	12.0	13.0	68.0	61.0	64.0	35.0	29.0	30.0	69.0	59.0	62.0	36.0	29.0	30.0	0	0	0	0	0.00
12/19/1996	1.0	0.0	0.0	13.0	12.0	12.0	64.0	58.0	61.0	30.0	29.0	30.0	73.0	65.0	69.0	30.0	29.0	30.0	0	0	0	0	0.00
12/19/1996	2.0	0.0	1.0	14.0	12.0	13.0	66.0	58.0	62.0	31.0	30.0	30.0	69.0	62.0	66.0	31.0	30.0	30.0	0	0	0	0	0.00
12/19/1996	2.0	0.0	1.0	14.0	12.0	13.0	66.0	59.0	62.0	31.0	30.0	30.0	74.0	65.0	70.0	31.0	30.0	30.0	0	0	0	0	0.00
12/20/1996	2.0	1.0	1.0	14.0	13.0	13.0	69.0	60.0	64.0	39.0	30.0	31.0	81.0	63.0	70.0	40.0	30.0	31.0	0	0	0	0	0.00
12/21/1996	2.0	0.0	1.0	14.0	6.0	12.0	71.0	63.0	66.0	38.0	29.0	31.0	91.0	81.0	87.0	40.0	30.0	32.0	0	0	0	0	0.00
12/22/1996	2.0	0.0	1.0	14.0	12.0	13.0	71.0	63.0	66.0	37.0	30.0	31.0	87.0	81.0	84.0	38.0	30.0	31.0	0	0	0	0	0.00
12/23/1996	2.0	0.0	1.0	14.0	12.0	13.0	71.0	64.0	67.0	37.0	30.0	31.0	84.0	78.0	81.0	38.0	30.0	31.0	0	0	0	0	0.00
12/24/1996	2.0	0.0	1.0	14.0	12.0	13.0	71.0	64.0	67.0	31.0	29.0	30.0	82.0	76.0	79.0	31.0	30.0	31.0	0	0	0	0	0.00
12/25/1996	1.0	0.0	1.0	14.0	12.0	13.0	70.0	63.0	65.0	31.0	29.0	30.0	85.0	75.0	79.0	31.0	30.0	30.0	0	0	0	0	0.00
12/26/1996	1.0	0.0	1.0	14.0	12.0	13.0	70.0	62.0	66.0	34.0	29.0	32.0	86.0	77.0	81.0	35.0	30.0	33.0	0	0	0	0	0.00
12/27/1996	1.0	0.0	1.0	14.0	12.0	13.0	71.0	63.0	67.0	36.0	30.0	32.0	83.0	75.0	79.0	37.0	30.0	32.0	0	0	0	0	0.00
12/28/1996	1.0	0.0	0.0	14.0	5.0	12.0	72.0	64.0	67.0	39.0	28.0	31.0	80.0	73.0	76.0	40.0	28.0	32.0	0	0	0	0	0.00
12/29/1996	1.0	0.0	0.0	14.0	12.0	13.0	72.0	65.0	68.0	35.0	30.0	31.0	79.0	72.0	74.0	36.0	30.0	31.0	0	0	0	0	0.00
12/29/1996	1.0	0.0	0.7	14.0	12.0	13.0	71.0	65.0	68.0	35.0	30.0	30.0	77.0	71.0	74.0	36.0	30.0	30.0	0	0	0	0	0.00
12/29/1996	1.0	0.0	1.0	14.0	14.0	14.0	70.0	70.0	70.0	30.0	30.0	30.0	75.0	75.0	71.0	30.0	30.0	30.0	0	0	0	0	0.00
12/29/1996	1.0	0.0	0.0	14.0	13.0	13.0	70.0	63.0	67.0	30.0	30.0	30.0	75.0	68.0	69.0	30.0	30.0	30.0	0	0	0	0	0.00
12/29/1996	0.5	0.0	0.0	13.0	12.0	13.0	65.0	62.0	63.0	41.0	30.0	33.0	71.0	68.0	70.0	43.0	30.0	33.0	0	0	0	0	0.00
12/29/1996	1.0	0.0	0.0	13.0	11.0	13.0	66.0	54.0	64.0	40.0	27.0	35.0	73.0	59.0	73.0	42.0	27.0	36.0	0	0	0	0	0.00
12/31/1996	1.0	0.0	0.0	14.0	5.0	12.0	70.0	63.0	66.0	45.0	32.0	40.0	77.0	70.0	75.0	47.0	32.0	41.0	0	0	0	0	0.00
1/1/1997	0.0	0.0	0.0	14.0	12.0	13.0	70.0	65.0	68.0	45.0	31.0	35.0	77.0	72.0	70.0	47.0	31.0	36.0	0	0	0	0	0.00
1/2/1997	0.0	0.0	0.0	13.0	12.0	12.0	67.0	61.0	64.0	31.0	31.0	31.0	73.0	66.0	64.0	31.0	31.0	31.0	0	0	0	0	0.00
1/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	64.0	60.0	62.0	37.0	31.0	32.0	67.0	61.0	60.0	38.0	31.0	32.0	0	0	0	0	0.00
1/10/1997	0.0	0.0	0.0	13.0	12.0	13.0	61.0	60.0	61.0	31.0	31.0	31.0	61.0	59.0	59.0	32.0	31.0	31.0	0	0	0	0	0.00
1/11/1997	0.0	0.0	0.0	13.0	13.0	13.0	61.0	60.0	60.0	32.0	31.0	31.0	59.0	58.0	63.0	32.0	31.0	31.0	0	0	0	0	0.00

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (GPM)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (GPM)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
3/12/1996	0.0	0.0	0.0	14.0	12.0	13.0	65.0	59.0	61.0	32.0	31.0	31.0	160	0	0	0.00	74.0	57.0	77.0	32.0	31.0	31.0	0	0	0	0	0.00
3/13/1996	0.0	0.0	0.0	14.0	12.0	13.0	65.0	58.0	61.0	32.0	30.0	31.0	164	0	0	0.00	82.0	73.0	72.0	32.0	30.0	31.0	0	0	0	0	0.00
3/14/1996	0.0	0.0	0.0	14.0	12.0	13.0	66.0	59.0	62.0	30.0	30.0	30.0	160	0	0	0.00	77.0	67.0	69.0	30.0	30.0	30.0	0	0	0	0	0.00
3/15/1996	0.0	0.0	0.0	14.0	12.0	13.0	66.0	59.0	62.0	31.0	29.0	30.0	161	0	0	0.00	73.0	65.0	68.0	31.0	30.0	30.0	0	0	0	0	0.00
3/17/1996	0.0	0.0	0.0	14.0	12.0	13.0	65.0	58.0	62.0	32.0	31.0	31.0	171	0	0	0.00	72.0	64.0	67.0	32.0	31.0	31.0	0	0	0	0	0.00
3/18/1996	0.0	0.0	0.0	14.0	13.0	14.0	64.0	60.0	62.0	32.0	31.0	31.0	169	0	0	0.00	71.0	64.0	68.0	32.0	31.0	31.0	0	0	0	0	0.00
3/19/1996	0.0	0.0	0.0	14.0	12.0	13.0	62.0	56.0	60.0	32.0	31.0	31.0	169	0	0	0.00	70.0	66.0	66.0	32.0	31.0	31.0	0	0	0	0	0.00
3/20/1996	0.0	0.0	0.0	13.0	5.0	12.0	60.0	55.0	57.0	32.0	21.0	28.0	160	0	0	0.00	69.0	63.0	70.0	32.0	31.0	32.0	0	0	0	0	0.00
3/21/1996	0.0	0.0	0.0	13.0	12.0	12.0	57.0	53.0	55.0	30.0	26.0	28.0	152	0	0	0.00	74.0	63.0	70.0	32.0	21.0	28.0	0	0	0	0	0.00
3/22/1996	0.0	0.0	0.0	14.0	12.0	13.0	57.0	52.0	54.0	31.0	29.0	30.0	160	0	0	0.00	74.0	67.0	75.0	30.0	26.0	28.0	0	0	0	0	0.00
3/23/1996	0.0	0.0	0.0	14.0	13.0	13.0	57.0	51.0	53.0	31.0	31.0	31.0	160	0	0	0.00	79.0	69.0	77.0	31.0	29.0	30.0	0	0	0	0	0.00
3/24/1996	0.0	0.0	0.0	14.0	13.0	13.0	55.0	51.0	53.0	31.0	31.0	31.0	161	0	0	0.00	83.0	71.0	76.0	32.0	31.0	31.0	0	0	0	0	0.00
3/25/1996	0.0	0.0	0.0	14.0	13.0	13.0	54.0	51.0	53.0	31.0	31.0	31.0	160	0	0	0.00	79.0	74.0	75.0	32.0	31.0	32.0	0	0	0	0	0.00
3/26/1996	0.0	0.0	0.0	14.0	8.0	14.0	55.0	51.0	53.0	31.0	31.0	31.0	160	0	0	0.00	78.0	73.0	76.0	34.0	32.0	32.0	0	0	0	0	0.00
3/27/1996	0.0	0.0	0.0	14.0	12.0	13.0	55.0	52.0	53.0	39.0	31.0	32.0	159	0	0	0.00	79.0	73.0	76.0	40.0	31.0	33.0	0	0	0	0	0.00
3/28/1996	0.0	0.0	0.0	14.0	12.0	13.0	56.0	52.0	54.0	34.0	34.0	34.0	160	0	0	0.00	79.0	74.0	77.0	45.0	31.0	36.0	0	0	0	0	0.00
3/29/1996	0.0	0.0	0.0	14.0	12.0	13.0	58.0	52.0	54.0	34.0	34.0	34.0	160	0	0	0.00	79.0	75.0	77.0	35.0	34.0	34.0	0	0	0	0	0.00
3/30/1996	0.0	0.0	0.0	14.0	12.0	13.0	57.0	51.0	54.0	34.0	31.0	33.0	171	0	0	0.00	81.0	74.0	76.0	35.0	31.0	33.0	0	0	0	0	0.00
3/31/1996	0.0	0.0	0.0	14.0	12.0	13.0	56.0	51.0	53.0	34.0	31.0	32.0	171	0	0	0.00	80.0	73.0	76.0	35.0	31.0	33.0	0	0	0	0	0.00
4/1/1996	0.0	0.0	0.0	14.0	12.0	13.0	54.0	50.0	52.0	43.0	32.0	36.0	1111	0	0	0.00	81.0	73.0	76.0	35.0	31.0	33.0	0	0	0	0	0.00
4/2/1996	0.0	0.0	0.0	13.0	8.0	12.0	53.0	48.0	50.0	43.0	34.0	41.0	1195	0	0	0.00	78.0	74.0	76.0	45.0	31.0	37.0	0	0	0	0	0.00
4/3/1996	0.0	0.0	0.0	13.0	11.0	12.0	54.0	49.0	51.0	37.0	31.0	33.0	1179	0	0	0.00	79.0	73.0	75.0	45.0	34.0	43.0	0	0	0	0	0.00
4/4/1996	0.0	0.0	0.0	14.0	12.0	13.0	54.0	49.0	51.0	37.0	31.0	33.0	1210	0	0	0.00	79.0	73.0	75.0	37.0	31.0	34.0	0	0	0	0	0.00
4/5/1996	0.0	0.0	0.0	14.0	12.0	13.0	55.0	49.0	51.0	36.0	33.0	34.0	1011	0	0	0.00	79.0	72.0	75.0	38.0	31.0	34.0	0	0	0	0	0.00
4/6/1996	0.0	0.0	0.0	12.0	12.0	12.0	54.0	50.0	51.0	38.0	33.0	34.0	870	0	0	0.00	80.0	73.0	76.0	36.0	34.0	34.0	0	0	0	0	0.00
4/7/1996	0.0	0.0	0.0	13.0	12.0	12.0	54.0	50.0	51.0	38.0	33.0	34.0	1000	0	0	0.00	79.0	74.0	75.0	34.0	33.0	34.0	0	0	0	0	0.00
4/10/1996	0.0	0.0	0.0	14.0	10.0	12.0	54.0	49.0	51.0	40.0	36.0	36.0	1072	0	0	0.00	78.0	73.0	74.0	39.0	33.0	35.0	0	0	0	0	0.00
4/11/1996	0.0	0.0	0.0	14.0	12.0	13.0	55.0	49.0	51.0	37.0	35.0	36.0	1004	0	0	0.00	79.0	72.0	74.0	38.0	34.0	36.0	0	0	0	0	0.00
4/12/1996	0.0	0.0	0.0	14.0	12.0	13.0	54.0	49.0	52.0	37.0	30.0	35.0	1066	0	0	0.00	77.0	72.0	74.0	36.0	36.0	37.0	0	0	0	0	0.00
4/13/1996	0.0	0.0	0.0	14.0	13.0	13.0	56.0	51.0	53.0	37.0	35.0	36.0	1000	0	0	0.00	77.0	72.0	74.0	38.0	30.0	36.0	0	0	0	0	0.00
4/14/1996	0.0	0.0	0.0	14.0	13.0	13.0	56.0	51.0	53.0	37.0	35.0	36.0	1000	0	0	0.00	78.0	71.0	74.0	37.0	36.0	36.0	0	0	0	0	0.00
4/15/1996	0.0	0.0	0.0	14.0	13.0	14.0	56.0	51.0	53.0	37.0	29.0	35.0	1061	0	0	0.00	78.0	72.0	75.0	37.0	36.0	36.0	0	0	0	0	0.00
4/17/1996	0.0	0.0	0.0	13.0	6.0	12.0	55.0	50.0	52.0	37.0	30.0	34.0	1092	0	0	0.00	78.0	71.0	74.0	38.0	30.0	36.0	0	0	0	0	0.00
4/18/1996	0.0	0.0	0.0	14.0	13.0	13.0	55.0	51.0	52.0	36.0	24.0	34.0	1077	0	0	0.00	75.0	70.0	72.0	37.0	24.0	34.0	0	0	0	0	0.00
4/19/1996	0.0	0.0	0.0	14.0	13.0	13.0	55.0	51.0	52.0	35.0	30.0	34.0	1000	0	0	0.00	75.0	70.0	72.0	36.0	30.0	34.0	0	0	0	0	0.00
4/20/1996	0.0	0.0	0.0	14.0	13.0	13.0	55.0	51.0	53.0	35.0	35.0	35.0	1000	0	0	0.00	75.0	69.0	72.0	36.0	30.0	34.0	0	0	0	0	0.00
4/21/1996	0.0	0.0	0.0	14.0	13.0	13.0	55.0	51.0	53.0	35.0	35.0	35.0	1000	0	0	0.00	75.0	69.0	72.0	36.0	30.0	34.0	0	0	0	0	0.00
4/22/1996	0.0	0.0	0.0	14.0	13.0	13.0	55.0	51.0	53.0	36.0	35.0	35.0	1000	0	0	0.00	74.0	70.0	72.0	36.0	35.0	36.0	0	0	0	0	0.00
4/23/1996	0.0	0.0	0.0	14.0	13.0	13.0	56.0	52.0	53.0	40.0	30.0	35.0	1000	0	0	0.00	74.0	70.0	72.0	41.0	30.0	30.0	0	0	0	0	0.00
4/24/1996	0.0	0.0	0.0	14.0	13.0	13.0	57.0	52.0	54.0	39.0	31.0	35.0	1277	0	0	0.00	75.0	69.0	72.0	39.0	31.0	31.0	0	0	0	0	0.00
4/25/1996	0.0	0.0	0.0	14.0	11.0	13.0	57.0	51.0	53.0	35.0	25.0	33.0	877	0	0	0.00	76.0	68.0	71.0	36.0	25.0	25.0	0	0	0	0	0.00
4/26/1996	0.0	0.0	0.0	14.0	13.0	13.0	57.0	52.0	54.0	36.0	30.0	34.0	814	0	0	0.00	74.0	67.0	70.0	36.0	30.0	30.0	0	0	0	0	0.00
4/27/1996	0.0	0.0	0.0	14.0	13.0	13.0	57.0	52.0	54.0	35.0	31.0	34.0	1000	0	0	0.00	74.0	68.0	70.0	36.0	31.0	31.0	0	0	0	0	0.00
4/28/1996	0.0	0.0	0.0	14.0	13.0	13.0	58.0	52.0	55.0	35.0	31.0	34.0	876	0	0	0.00	75.0	67.0	70.0	36.0	31.0	31.0	0	0	0	0	0.00
4/29/1996	0.0	0.0	0.0	14.0	13.0	13.0	58.0	53.0	56.0	35.0	35.0	35.0	897	0	0	0.00	72.0	68.0	71.0	36.0	35.0	35.0	0	0	0	0	0.00
4/30/1996	0.0	0.0	0.0	13.0	13.0	13.0	57.0	54.0	55.0	38.0	30.0	34.0	876	0	0	0.00	72.0	69.0	71.0	36.0	31.0	34.0	0	0	0	0	0.00
5/1/1996	0.0	0.0	0.0	13.0	9.0	12.0	59.0	54.0	56.0	39.0	32.0	35.0	1000	0	0	0.00	71.0	67.0	69.0	38.0	31.0	35.0	0	0	0	0	0.00
5/2/1996	0.0	0.0	0.0	13.0	9.0	12.0	59.0	54.0	56.0	39.0	32.0	35.0	1000	0	0	0.00	76.0	67.0	70.0	40.0	32.0	35.0	0	0	0	0	0.00

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
5/2/1996	0.0	0.0	0.0	14.0	12.0	13.0	59.0	54.0	56.0	37.0	30.0	34.0	14.0	13.0	13.0	74.0	68.0	70.0	37.0	30.0	34.0	0.0	0.0	0.0	0.0	0.00	
5/3/1996	0.0	0.0	0.0	13.0	12.0	13.0	58.0	54.0	55.0	42.0	31.0	35.0	14.0	13.0	13.0	71.0	67.0	68.0	43.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/4/1996	0.0	0.0	0.0	14.0	12.0	13.0	58.0	54.0	56.0	35.0	35.0	35.0	14.0	13.0	13.0	71.0	66.0	68.0	36.0	36.0	36.0	0.0	0.0	0.0	0.0	0.00	
5/5/1996	0.0	0.0	0.0	13.0	12.0	13.0	58.0	54.0	56.0	36.0	35.0	36.0	14.0	13.0	13.0	70.0	66.0	68.0	36.0	36.0	36.0	0.0	0.0	0.0	0.0	0.00	
5/6/1996	0.0	0.0	0.0	13.0	12.0	13.0	58.0	53.0	55.0	39.0	31.0	34.0	14.0	13.0	13.0	70.0	65.0	67.0	39.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/7/1996	0.0	0.0	0.0	13.0	12.0	13.0	62.0	54.0	58.0	37.0	32.0	35.0	14.0	13.0	13.0	69.0	65.0	67.0	37.0	32.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/8/1996	0.0	0.0	0.0	13.0	8.0	12.0	63.0	58.0	60.0	41.0	30.0	35.0	14.0	13.0	13.0	69.0	65.0	66.0	42.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/9/1996	0.0	0.0	0.0	14.0	13.0	13.0	64.0	59.0	61.0	38.0	32.0	35.0	14.0	13.0	13.0	68.0	64.0	66.0	39.0	32.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/10/1996	0.0	0.0	0.0	14.0	13.0	13.0	64.0	60.0	62.0	39.0	31.0	35.0	14.0	13.0	13.0	68.0	65.0	66.0	40.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/11/1996	0.0	0.0	0.0	14.0	12.0	13.0	64.0	59.0	61.0	36.0	35.0	36.0	14.0	13.0	13.0	69.0	63.0	65.0	36.0	36.0	36.0	0.0	0.0	0.0	5.0	0.00	
5/12/1996	0.0	0.0	0.0	14.0	12.0	13.0	65.0	58.0	61.0	36.0	36.0	36.0	14.0	13.0	13.0	70.0	63.0	66.0	37.0	36.0	36.0	0.0	0.0	0.0	0.0	0.00	
5/13/1996	0.0	0.0	0.0	14.0	12.0	13.0	65.0	59.0	62.0	37.0	31.0	34.0	14.0	13.0	13.0	70.0	63.0	66.0	37.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/14/1996	0.0	0.0	0.0	14.0	12.0	13.0	64.0	58.0	60.0	38.0	31.0	34.0	14.0	13.0	13.0	69.0	62.0	65.0	39.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/15/1996	0.0	0.0	0.0	14.0	12.0	13.0	61.0	57.0	59.0	39.0	31.0	34.0	14.0	13.0	13.0	74.0	63.0	69.0	40.0	31.0	34.0	0.0	0.0	0.0	0.0	0.00	
5/16/1996	0.0	0.0	0.0	13.0	4.0	12.0	60.0	56.0	58.0	39.0	30.0	33.0	14.0	13.0	13.0	75.0	70.0	72.0	38.0	30.0	33.0	14.0	13.0	13.0	7.0	1.11	
5/17/1996	0.0	0.0	0.0	14.0	12.0	13.0	59.0	55.0	57.0	41.0	31.0	35.0	14.0	13.0	13.0	75.0	70.0	72.0	40.0	31.0	35.0	14.0	13.0	13.0	7.0	1.22	
5/18/1996	0.0	0.0	0.0	14.0	12.0	13.0	59.0	54.0	56.0	41.0	34.0	36.0	14.0	13.0	13.0	74.0	69.0	71.0	39.0	34.0	36.0	14.0	13.0	13.0	10.0	1.54	
5/19/1996	0.0	0.0	0.0	14.0	12.0	13.0	58.0	54.0	56.0	35.0	34.0	34.0	14.0	13.0	13.0	74.0	69.0	71.0	35.0	34.0	34.0	14.0	13.0	13.0	10.0	1.21	
5/20/1996	0.0	0.0	0.0	14.0	12.0	13.0	56.0	53.0	54.0	38.0	31.0	34.0	14.0	13.0	13.0	73.0	68.0	70.0	37.0	31.0	34.0	14.0	13.0	13.0	10.0	1.18	
5/21/1996	0.0	0.0	0.0	13.0	13.0	13.0	53.0	52.0	53.0	38.0	31.0	34.0	14.0	13.0	13.0	70.0	68.0	69.0	37.0	31.0	34.0	14.0	13.0	13.0	10.0	1.14	
5/22/1996	0.0	0.0	0.0	13.0	6.0	13.0	56.0	52.0	54.0	41.0	29.0	35.0	14.0	13.0	13.0	73.0	69.0	71.0	40.0	29.0	34.0	14.0	13.0	13.0	10.0	1.19	
5/23/1996	0.0	0.0	0.0	13.0	12.0	12.0	56.0	52.0	53.0	41.0	32.0	35.0	14.0	13.0	13.0	74.0	69.0	71.0	40.0	31.0	35.0	14.0	13.0	13.0	10.0	1.21	
5/24/1996	0.0	0.0	0.0	14.0	12.0	12.0	56.0	52.0	53.0	42.0	31.0	37.0	14.0	13.0	13.0	74.0	68.0	71.0	40.0	31.0	36.0	14.0	13.0	13.0	11.0	1.20	
5/25/1996	0.0	0.0	0.0	14.0	12.0	13.0	57.0	51.0	53.0	42.0	35.0	37.0	14.0	13.0	13.0	75.0	67.0	70.0	40.0	34.0	36.0	14.0	13.0	13.0	10.0	1.20	
5/26/1996	0.0	0.0	0.0	14.0	12.0	13.0	56.0	50.0	52.0	39.0	31.0	34.0	14.0	13.0	13.0	75.0	67.0	69.0	38.0	31.0	34.0	14.0	13.0	13.0	10.0	1.21	
5/27/1996	0.0	0.0	0.0	14.0	12.0	13.0	57.0	50.0	52.0	36.0	35.0	35.0	14.0	13.0	13.0	74.0	67.0	69.0	35.0	34.0	35.0	14.0	13.0	13.0	10.0	1.21	
5/28/1996	0.0	0.0	0.0	14.0	12.0	13.0	71.0	47.0	59.0	41.0	32.0	35.0	14.0	13.0	13.0	70.0	57.0	63.0	40.0	32.0	34.0	14.0	13.0	13.0	10.0	1.20	
5/29/1996	0.0	0.0	0.0	13.0	6.0	12.0	78.0	71.0	74.0	42.0	30.0	34.0	14.0	13.0	13.0	63.0	56.0	59.0	41.0	30.0	34.0	14.0	13.0	13.0	10.0	1.27	
5/30/1996	0.0	0.0	0.0	14.0	12.0	13.0	77.0	71.0	74.0	42.0	30.0	35.0	14.0	13.0	13.0	62.0	57.0	59.0	41.0	30.0	34.0	14.0	13.0	13.0	10.0	1.18	
5/31/1996	0.0	0.0	0.0	14.0	12.0	13.0	76.0	72.0	74.0	38.0	31.0	35.0	14.0	13.0	13.0	62.0	57.0	59.0	37.0	31.0	34.0	14.0	13.0	13.0	10.0	1.20	
6/1/1996	0.0	0.0	0.0	13.0	0.0	11.0	74.0	0.0	60.0	36.0	0.0	30.0	14.0	13.0	13.0	60.0	0.0	48.0	36.0	0.0	30.0	14.0	13.0	13.0	10.0	1.20	
6/2/1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	14.0	13.0	13.0	0.0	0.0	0.0	0.0	31.0	0.0	14.0	13.0	13.0	10.0	0.00	
6/3/1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	34.0	14.0	13.0	13.0	0.0	0.0	0.0	0.0	30.0	34.0	14.0	13.0	13.0	10.0	0.00	
6/4/1996	0.0	0.0	0.0	14.0	12.0	13.0	74.0	70.0	73.0	41.0	31.0	34.0	14.0	13.0	13.0	62.0	57.0	60.0	41.0	31.0	34.0	14.0	13.0	13.0	10.0	1.20	
6/5/1996	0.0	0.0	0.0	13.0	4.0	11.0	75.0	70.0	72.0	37.0	31.0	35.0	14.0	13.0	13.0	63.0	57.0	60.0	37.0	31.0	35.0	14.0	13.0	13.0	10.0	1.21	
6/6/1996	0.0	0.0	0.0	14.0	12.0	13.0	74.0	69.0	71.0	40.0	36.0	34.0	14.0	13.0	13.0	64.0	57.0	60.0	40.0	36.0	34.0	14.0	13.0	13.0	10.0	1.21	
6/7/1996	0.0	0.0	0.0	14.0	12.0	13.0	74.0	68.0	70.0	38.0	36.0	36.0	14.0	13.0	13.0	64.0	57.0	60.0	38.0	36.0	36.0	14.0	13.0	13.0	10.0	1.20	
6/8/1996	0.0	0.0	0.0	14.0	12.0	13.0	71.0	67.0	69.0	36.0	33.0	36.0	14.0	13.0	13.0	63.0	58.0	60.0	36.0	33.0	36.0	14.0	13.0	13.0	10.0	1.20	
6/9/1996	0.0	0.0	0.0	14.0	12.0	13.0	73.0	66.0	70.0	37.0	32.0	35.0	14.0	13.0	13.0	62.0	57.0	59.0	37.0	32.0	35.0	14.0	13.0	13.0	10.0	1.20	
6/10/1996	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	74.0	38.0	30.0	35.0	14.0	13.0	13.0	64.0	57.0	59.0	38.0	30.0	35.0	14.0	13.0	13.0	10.0	1.20	
6/11/1996	0.0	0.0	0.0	14.0	12.0	13.0	77.0	71.0	72.0	40.0	31.0	35.0	14.0	13.0	13.0	63.0	57.0	58.0	40.0	31.0	35.0	14.0	13.0	13.0	10.0	1.20	
6/12/1996	0.0	0.0	0.0	13.0	8.0	13.0	73.0	69.0	71.0	38.0	32.0	34.0	14.0	13.0	13.0	61.0	57.0	58.0	38.0	32.0	34.0	14.0	13.0	13.0	10.0	1.20	
6/13/1996	0.0	0.0	0.0	14.0	13.0	13.0	74.0	69.0	71.0	40.0	35.0	35.0	14.0	13.0	13.0	61.0	57.0	58.0	40.0	35.0	35.0	14.0	13.0	13.0	10.0	1.20	
6/14/1996	0.0	0.0	0.0	14.0	13.0	13.0	75.0	69.0	72.0	38.0	36.0	35.0	14.0	13.0	13.0	61.0	57.0	59.0	38.0	36.0	35.0	14.0	13.0	13.0	10.0	1.20	
6/15/1996	0.0	0.0	0.0	14.0	13.0	14.0	75.0	70.0	72.0	36.0	31.0	36.0	14.0	13.0	13.0	61.0	57.0	59.0	36.0	31.0	36.0	14.0	13.0	13.0	10.0	1.20	
6/16/1996	0.0	0.0	0.0	14.0	13.0	14.0	75.0	69.0	72.0	36.0	31.0	34.0	14.0	13.0	13.0	61.0	57.0	59.0	36.0	31.0	34.0	14.0	13.0	13.0	10.0	1.20	
6/17/1996	0.0	0.0	0.0	15.0	13.0	13.0	76.0	69.0	71.0	43.0	31.0	34.0	14.0	13.0	13.0	62.0	57.0	58.0	43.0	31.0	34.0	14.0	13.0	13.0	10.0	1.20	
6/18/1996	0.0	0.0	0.0	15.0	12.0	13.0	79.0	69.0	73.0	38.0	31.0	35.0	14.0	13.0	13.0	64.0	57.0	59.0	38.0	31.0	35.0	14.0	13.0	13.0	10.0	1.20	
6/19/1996	0.0																										

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MG)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min
1/22/1996	0.0	0.0	0.0	14.0	12.0	13.0	80.0	73.0	75.0	36.0	32.0	35.0	0	0	0	0	0	0	63.0	56.0	58.0	36.0	32.0	35.0	0	0	0	0
1/23/1996	0.0	0.0	0.0	14.0	13.0	13.0	79.0	71.0	74.0	36.0	32.0	35.0	0	0	0	0	0	0	63.0	57.0	59.0	36.0	32.0	35.0	0	0	0	0
1/24/1996	0.0	0.0	0.0	14.0	13.0	13.0	78.0	71.0	73.0	37.0	28.0	34.0	0	0	0	0	0	0	64.0	57.0	59.0	37.0	28.0	34.0	0	0	0	0
1/25/1996	0.0	0.0	0.0	14.0	9.0	13.0	74.0	67.0	70.0	38.0	31.0	34.0	0	0	0	0	0	0	63.0	57.0	59.0	38.0	31.0	34.0	0	0	0	0
1/26/1996	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	38.0	31.0	34.0	0	0	0	0	0	0	63.0	57.0	58.0	38.0	31.0	34.0	0	0	0	0
1/29/1996	0.0	0.0	0.0	15.0	12.0	13.0	80.0	72.0	75.0	38.0	30.0	35.0	0	0	0	0	0	0	62.0	56.0	58.0	38.0	30.0	35.0	0	0	0	0
1/30/1996	0.0	0.0	0.0	14.0	12.0	13.0	75.0	71.0	73.0	37.0	35.0	36.0	0	0	0	0	0	0	63.0	56.0	59.0	36.0	35.0	34.0	0	0	0	0
1/31/1996	0.00	0.00	0.00	14.0	12.0	13.0	76.0	69.0	72.0	38.5	33.0	35.0	0	0	0	0	0	0	59.0	56.0	57.0	37.0	35.0	36.0	0	0	0	0
1/32/1996	1.29	0.00	0.08	14.0	12.0	13.0	74.0	68.0	72.0	38.5	33.0	35.0	0	0	0	0	0	0	62.0	56.0	59.0	38.0	32.0	35.0	0	0	0	0
1/33/1996	0.10	0.00	0.02	13.0	8.0	12.0	72.0	59.0	68.0	44.0	32.0	38.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	31.0	35.0	0	0	0	0
1/34/1996	0.07	0.00	0.01	14.0	13.0	13.0	72.0	49.0	66.0	44.0	31.0	37.0	0	0	0	0	0	0	62.0	57.0	59.0	42.0	32.0	37.0	0	0	0	0
1/35/1996	0.04	0.00	0.00	14.0	13.0	13.0	70.0	64.0	67.0	38.0	31.0	34.0	0	0	0	0	0	0	61.0	57.0	59.0	43.0	31.0	36.0	0	0	0	0
1/36/1996	0.01	0.00	0.00	14.0	12.0	13.0	69.0	64.0	66.0	36.0	35.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	31.0	34.0	0	0	0	0
1/37/1996	0.15	0.00	0.03	14.0	13.0	13.0	69.0	63.0	66.0	36.0	35.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	35.0	35.0	35.0	0	0	0	0
1/38/1996	0.16	0.00	0.02	14.0	13.0	13.0	68.0	59.0	64.0	38.0	33.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	35.0	35.0	35.0	0	0	0	0
1/39/1996	0.06	0.00	0.00	14.0	13.0	13.0	66.0	47.0	60.0	41.0	33.0	35.0	0	0	0	0	0	0	63.0	58.0	60.0	37.0	32.0	34.0	0	0	0	0
1/40/1996	0.16	0.00	0.02	14.0	9.0	13.0	65.0	58.0	62.0	38.0	29.0	34.0	0	0	0	0	0	0	61.0	56.0	59.0	40.0	33.0	34.0	0	0	0	0
1/41/1996	0.03	0.00	0.00	13.0	12.0	13.0	65.0	59.0	61.0	38.0	31.0	34.0	0	0	0	0	0	0	62.0	56.0	59.0	37.0	29.0	34.0	0	0	0	0
1/42/1996	0.12	0.00	0.01	14.0	12.0	13.0	64.0	57.0	60.0	39.0	33.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	31.0	34.0	0	0	0	0
1/43/1996	0.01	0.00	0.00	14.0	12.0	13.0	63.0	56.0	59.0	37.0	36.0	36.0	0	0	0	0	0	0	62.0	57.0	59.0	38.0	33.0	35.0	0	0	0	0
1/44/1996	0.01	0.00	0.00	14.0	12.0	13.0	63.0	56.0	59.0	40.0	36.0	36.0	0	0	0	0	0	0	61.0	56.0	58.0	36.0	35.0	35.0	0	0	0	0
1/45/1996	0.00	0.00	0.00	14.0	12.0	13.0	62.0	56.0	58.0	38.0	33.0	35.0	0	0	0	0	0	0	61.0	56.0	59.0	39.0	35.0	36.0	0	0	0	0
1/46/1996	0.00	0.00	0.00	14.0	12.0	13.0	59.0	30.0	46.0	38.0	33.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	32.0	35.0	0	0	0	0
1/47/1996	0.01	0.00	0.00	13.0	5.0	12.0	60.0	30.0	52.0	37.0	31.0	35.0	0	0	0	0	0	0	61.0	57.0	58.0	37.0	32.0	35.0	0	0	0	0
1/48/1996	0.00	0.00	0.00	14.0	13.0	13.0	59.0	56.0	56.0	39.0	31.0	35.0	0	0	0	0	0	0	60.0	57.0	58.0	36.0	31.0	34.0	0	0	0	0
1/49/1996	0.01	0.00	0.00	14.0	13.0	14.0	58.0	53.0	56.0	39.0	31.0	35.0	0	0	0	0	0	0	61.0	57.0	58.0	38.0	31.0	34.0	0	0	0	0
1/20/1996	0.27	0.00	0.02	15.0	13.0	13.0	60.0	53.0	56.0	37.0	36.0	37.0	0	0	0	0	0	0	61.0	57.0	59.0	38.0	30.0	34.0	0	0	0	0
1/21/1996	0.37	0.00	0.05	15.0	12.0	13.0	68.0	54.0	62.0	37.0	37.0	37.0	0	0	0	0	0	0	62.0	56.0	59.0	36.0	36.0	36.0	0	0	0	0
1/22/1996	0.24	0.00	0.04	14.0	12.0	13.0	67.0	60.0	63.0	39.0	34.0	36.0	0	0	0	0	0	0	64.0	57.0	60.0	36.0	36.0	36.0	0	0	0	0
1/23/1996	0.21	0.00	0.02	14.0	12.0	13.0	66.0	59.0	62.0	40.0	33.0	36.0	0	0	0	0	0	0	64.0	57.0	60.0	38.0	33.0	35.0	0	0	0	0
1/24/1996	0.17	0.00	0.00	14.0	12.0	13.0	65.0	59.0	62.0	40.0	33.0	36.0	0	0	0	0	0	0	62.0	56.0	59.0	39.0	33.0	35.0	0	0	0	0
1/25/1996	0.00	0.00	0.00	14.0	12.0	13.0	64.0	58.0	60.0	39.0	31.0	35.0	0	0	0	0	0	0	62.0	56.0	58.0	39.0	33.0	35.0	0	0	0	0
1/26/1996	0.00	0.00	0.00	13.0	7.0	12.0	58.0	48.0	54.0	41.0	29.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	38.0	31.0	35.0	0	0	0	0
1/27/1996	0.00	0.00	0.00	14.0	13.0	14.0	51.0	45.0	48.0	37.0	37.0	37.0	0	0	0	0	0	0	61.0	56.0	58.0	40.0	27.0	34.0	0	0	0	0
1/28/1996	0.00	0.00	0.00	14.0	13.0	14.0	61.0	45.0	54.0	37.0	37.0	37.0	0	0	0	0	0	0	60.0	56.0	58.0	37.0	36.0	36.0	0	0	0	0
1/29/1996	0.00	0.00	0.00	14.0	13.0	14.0	60.0	49.0	57.0	38.0	33.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	36.0	36.0	36.0	0	0	0	0
1/30/1996	0.00	0.00	0.00	14.0	13.0	14.0	63.0	52.0	60.0	41.0	33.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	38.0	33.0	36.0	0	0	0	0
1/31/1996	0.00	0.00	0.00	14.0	9.0	13.0	65.0	60.0	61.0	37.0	27.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	40.0	33.0	35.0	0	0	0	0
2/1/1996	0.0	0.0	0.0	14.0	12.5	13.0	64.7	58.6	60.7	42.4	31.5	35.3	0	0	0	0	0	0	61.0	56.0	58.0	37.0	27.0	35.0	0	0	0	0
2/2/1996	0.1	0.0	0.0	14.2	12.5	13.1	64.5	57.9	60.0	39.4	30.3	35.1	0	0	0	0	0	0	60.0	55.6	57.2	41.1	31.4	34.8	0	0	0	0
2/3/1996	0.0	0.0	0.0	14.0	12.5	13.2	61.4	57.5	59.2	38.0	36.9	37.3	0	0	0	0	0	0	61.1	55.7	57.7	38.4	30.2	34.7	0	0	0	0
2/4/1996	0.0	0.0	0.0	14.4	12.9	13.6	63.2	57.5	59.8	37.4	36.8	37.2	0	0	0	0	0	0	59.4	55.8	57.3	37.3	36.3	36.7	0	0	0	0
2/5/1996	0.0	0.0	0.0	14.3	13.1	13.6	61.9	56.9	58.9	42.6	33.6	36.0	0	0	0	0	0	0	60.6	55.9	58.0	36.8	36.3	36.6	0	0	0	0
2/6/1996	0.0	0.0	0.0	14.2	12.5	13.4	65.3	56.0	61.0	38.2	31.5	35.0	0	0	0	0	0	0	60.9	56.5	58.3	41.3	32.2	35.5	0	0	0	0
2/7/1996	0.1	0.0	0.0	14.4	12.9	13.5	65.5	58.7	61.6	40.6	32.3	35.4	0	0	0	0	0	0	60.3	55.4	57.6	37.5	31.3	34.7	0	0	0	0
2/8/1996	0.0	0.0	0.0	13.9	6.0	12.4	62.9	58.0	60.1	39.2	25.9	34.7	0	0	0	0	0	0	61.0	56.1	57.9	39.6	32.1	34.9	0	0	0	0
2/9/1996	0.0	0.0	0.0	13.6	12.1	12.6	69.9	62.5	65.9	37.5	32.4	35.9	0	0	0	0	0	0	60.4	55.0	57.1	38.3	25.7	34.2	0	0	0	0
2/10/1996	0.1	0.0	0.0	14.1	12.3	12.9	71.3	64.4	66.6	38.0	37.0	37.3	0	0	0	0	0	0	59.6	55.0	56.6	36.8	32.1	35.4	0	0	0	0
2/11/1996	0.1	0.0	0.0	14.1	12.2	13.0	70.8	64.0	66.3	37.6	37.0	37.3	0	0	0	0	0	0	60.6	55.2	56.9	37.3	36.5	36.8	0	0	0	0

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)	IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)	IW-2 Total (MGD)			
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg			Max	Min	Avg	Max	Min	Avg					
8/12/1996	0.2	0.0	0.0	14.3	12.2	13.1	69.7	62.8	65.7	41.6	33.8	36.6				61.4	55.6	58.2	40.6	33.6	36.2	1100	700	800	1.70
8/13/1996	0.4	0.0	0.0	14.3	12.2	12.9	69.6	61.5	64.1	41.5	33.6	36.2				62.0	55.4	57.4	40.4	33.4	35.8	1120	720	820	1.70
8/14/1996	0.4	0.0	0.1	14.3	12.2	12.8	68.1	60.4	62.8	38.9	31.5	35.3				61.5	55.0	57.0	38.2	31.4	35.0	1080	680	780	1.60
8/15/1996	0.2	0.0	0.0	13.9	8.5	12.3	66.6	59.3	61.7	37.6	25.1	34.1				61.3	55.3	57.6	37.0	25.2	33.8	1060	660	760	1.50
8/16/1996	0.0	0.0	0.0	13.8	12.5	13.0	64.1	59.0	60.8	37.6	32.6	35.6				59.8	55.5	57.1	37.2	32.6	35.4	1080	680	780	1.60
8/17/1996	0.0	0.0	0.0	13.9	12.4	13.1	63.6	58.4	60.5	37.5	37.2	37.4				59.1	54.9	57.0	37.2	36.9	37.0	1060	660	760	1.50
8/18/1996	0.0	0.0	0.0	13.9	12.3	13.0	62.5	57.2	59.6	38.5	37.4	37.7				59.1	54.9	56.9	38.1	37.0	37.4	1080	680	780	1.60
8/19/1996	0.0	0.0	0.0	13.4	12.0	12.7	60.6	56.0	57.7	38.7	30.2	36.3				59.2	54.8	56.8	38.1	30.4	36.0	1060	660	760	1.50
8/20/1996	0.0	0.0	0.0	13.5	12.2	12.7	59.6	55.1	56.8	40.8	34.0	36.7				58.5	54.6	56.2	39.9	33.7	36.2	1080	680	780	1.60
8/21/1996	0.0	0.0	0.0	13.0	12.1	12.8	58.9	54.5	56.4	39.3	30.2	35.2				58.0	54.3	56.1	38.6	30.3	34.9	1060	660	760	1.50
8/22/1996	0.0	0.0	0.0	13.6	5.3	12.4	58.7	53.6	55.7	40.2	28.6	35.4				59.1	54.1	56.3	39.3	28.4	35.0	1080	680	780	1.60
8/23/1996	0.0	0.0	0.0	13.4	12.6	13.2	58.6	53.1	55.0	38.3	31.2	35.6				58.6	53.9	55.4	37.6	31.1	35.1	1060	660	760	1.50
8/24/1996	0.0	0.0	0.0	14.1	12.4	13.1	59.2	53.0	55.1	38.1	32.1	35.8				58.9	53.6	55.8	37.5	32.1	35.4	1080	680	780	1.60
8/25/1996	0.0	0.0	0.0	14.0	12.3	12.8	59.3	52.9	54.8	38.4	37.8	38.0				59.9	54.6	56.3	37.7	37.2	37.4	1100	700	800	1.70
8/26/1996	0.0	0.0	0.0	14.0	12.5	12.9	59.4	53.8	55.2	43.6	34.0	36.9				60.1	55.2	56.5	42.2	33.5	36.2	1120	720	820	1.70
8/27/1996	0.0	0.0	0.0	13.8	12.5	12.9	58.0	53.5	54.8	40.8	34.0	36.7				58.1	53.9	55.5	39.7	33.5	36.1	1080	680	780	1.60
8/28/1996	0.0	0.0	0.0	14.2	12.5	13.2	58.8	53.3	55.4	40.1	30.5	36.0				58.9	53.6	55.9	39.2	30.4	35.5	1060	660	760	1.50
8/29/1996	0.1	0.0	0.0	14.1	4.1	9.2	59.2	53.0	55.5	37.9	25.9	34.6				59.5	54.4	56.3	37.2	25.8	34.1	1080	680	780	1.60
8/30/1996	0.2	0.0	0.0	13.0	4.1	10.3	59.8	53.1	55.6	40.5	32.0	36.0				60.2	53.8	56.0	39.7	32.1	35.6	1060	660	760	1.50
8/31/1996	0.4	0.0	0.1	14.4	12.8	13.5	60.0	53.4	55.9	38.7	37.8	38.2				59.8	53.8	56.1	38.1	37.4	37.7	1100	700	800	1.70
9/1/1996	0.5	0.0	0.1	13.0	13.0	13.0	61.0	54.0	57.0	39.0	38.0	39.0				60.0	54.0	57.0	39.0	38.0	38.0	1120	720	820	1.70
9/2/1996	0.5	0.0	0.1	13.0	13.0	13.0	61.0	54.0	56.0	40.0	32.0	37.0				62.0	55.0	57.0	39.0	32.0	36.0	1100	700	800	1.70
9/3/1996	0.4	0.0	0.0	13.0	13.0	13.0	60.0	54.0	56.0	39.0	32.0	36.0				61.0	55.0	57.0	38.0	32.0	36.0	1080	680	780	1.60
9/4/1996	0.2	0.0	0.0	13.0	13.0	13.0	59.0	54.0	56.0	40.0	32.0	36.0				60.0	54.0	57.0	39.0	32.0	36.0	1060	660	760	1.50
9/5/1996	0.2	0.0	0.0	13.0	8.0	13.0	59.0	54.0	56.0	39.0	28.0	36.0				60.0	55.0	57.0	38.0	28.0	35.0	1080	680	780	1.60
9/6/1996	0.3	0.0	0.0	13.0	13.0	13.0	60.0	53.0	56.0	41.0	32.0	38.0				61.0	54.0	57.0	40.0	32.0	37.0	1060	660	760	1.50
9/7/1996	0.3	0.0	0.0	13.0	13.0	13.0	60.0	54.0	56.0	39.0	38.0	39.0				60.0	54.0	56.0	38.0	38.0	38.0	1080	680	780	1.60
9/8/1996	0.0	0.0	0.0	13.0	13.0	13.0	59.0	53.0	55.0	39.0	38.0	39.0				59.0	54.0	56.0	38.0	38.0	38.0	1060	660	760	1.50
9/9/1996	0.0	0.0	0.0	13.0	13.0	13.0	57.0	53.0	54.0	43.0	35.0	38.0				57.0	54.0	55.0	41.0	34.0	37.0	1080	680	780	1.60
9/10/1996	0.0	0.0	0.0	13.0	13.0	13.0	58.0	53.0	55.0	42.0	34.0	37.0				59.0	54.0	56.0	41.0	34.0	36.0	1100	700	800	1.70
9/11/1996	0.1	0.0	0.0	13.0	13.0	13.0	59.0	53.0	54.0	50.0	33.0	40.0				59.0	54.0	55.0	48.0	32.0	39.0	1080	680	780	1.60
9/12/1996	0.3	0.0	0.0	13.0	9.0	13.0	59.0	53.0	55.0	48.0	32.0	39.0				60.0	53.0	56.0	46.0	31.0	38.0	1060	660	760	1.50
9/13/1996	0.4	0.0	0.1	13.0	13.0	13.0	60.0	53.0	55.0	40.0	33.0	36.0				60.0	54.0	56.0	39.0	33.0	36.0	1080	680	780	1.60
9/14/1996	0.4	0.0	0.0	13.0	13.0	13.0	60.0	53.0	55.0	37.0	37.0	37.0				60.0	53.0	55.0	36.0	36.0	36.0	1060	660	760	1.50
9/15/1996	0.0	0.0	0.0	13.0	13.0	13.0	59.0	53.0	55.0	37.0	37.0	37.0				58.0	53.0	55.0	37.0	36.0	37.0	1080	680	780	1.60
9/16/1996	0.0	0.0	0.0	13.0	13.0	13.0	58.0	53.0	55.0	43.0	33.0	36.0				59.0	55.0	56.0	42.0	33.0	35.0	1060	660	760	1.50
9/17/1996	0.1	0.0	0.0	13.0	13.0	13.0	59.0	53.0	55.0	40.0	34.0	36.0				59.0	54.0	56.0	39.0	33.0	35.0	1080	680	780	1.60
9/18/1996	0.2	0.0	0.0	13.0	13.0	13.0	59.0	53.0	55.0	40.0	32.0	36.0				59.0	53.0	56.0	39.0	31.0	35.0	1060	660	760	1.50
9/19/1996	0.0	0.0	0.0	13.0	6.0	13.0	59.0	52.0	54.0	41.0	29.0	36.0				60.0	53.0	55.0	40.0	28.0	35.0	1080	680	780	1.60
9/20/1996	0.0	0.0	0.0	13.0	13.0	13.0	58.0	52.0	54.0	38.0	31.0	36.0				59.0	53.0	55.0	37.0	31.0	35.0	1060	660	760	1.50
9/21/1996	0.2	0.0	0.0	13.0	13.0	13.0	62.0	52.0	57.0	38.0	38.0	38.0				59.0	53.0	55.0	38.0	37.0	37.0	1080	680	780	1.60
9/22/1996	0.0	0.0	0.0	13.0	13.0	13.0	60.0	56.0	57.0	38.0	38.0	38.0				58.0	54.0	56.0	38.0	37.0	37.0	1060	660	760	1.50
9/23/1996	0.1	0.0	0.0	13.0	13.0	13.0	64.0	56.0	60.0	40.0	34.0	37.0				59.0	54.0	56.0	39.0	33.0	36.0	1080	680	780	1.60
9/24/1996	0.0	0.0	0.0	13.0	13.0	13.0	64.0	58.0	60.0	40.0	32.0	36.0				58.0	53.0	55.0	39.0	32.0	35.0	1060	660	760	1.50
9/25/1996	0.0	0.0	0.0	13.0	13.0	13.0	65.0	58.0	61.0	42.0	34.0	37.0				57.0	52.0	54.0	41.0	33.0	36.0	1080	680	780	1.60
9/26/1996	0.0	0.0	0.0	13.0	5.0	13.0	65.0	60.0	62.0	38.0	29.0	36.0				57.0	54.0	55.0	37.0	29.0	35.0	1060	660	760	1.50
9/27/1996	0.0	0.0	0.0	13.0	13.0	13.0	65.0	60.0	62.0	38.0	31.0	35.0				57.0	53.0	55.0	37.0	31.0	35.0	1080	680	780	1.60
9/28/1996	0.0	0.0	0.0	13.0	13.0	13.0	66.0	59.0	62.0	38.0	38.0	38.0				58.0	53.0	55.0	37.0	37.0	37.0	1060	660	760	1.50
9/29/1996	0.0	0.0	0.0	13.0	13.0	13.0	65.0	60.0	62.0	38.0	32.0	35.0				57.0	53.0	55.0	37.0	32.0	35.0	1080	680	780	1.60
9/30/1996	0.0	0.0	0.0	13.0	13.0	13.0	65.0	60.0	62.0	32.0	17.0	27.0				56.0	52.0	54.0	32.0	17.0	27.0	1060	660	760	1.50
10/1/1996	0.0	0.0	0.0	13.0	13.0	13.0	63.0	59.0	61.0	36.0	12.0	25.0				58.0	53.0	55.0	35.0	12.0	25.0	1080	680	780	1.60

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
10/2/1996	0.0	0.0	0.0	13.0	13.0	13.0	64.0	60.0	61.0	33.0	31.0	32.0	0.0	0.0	0.0	0.00	57.0	54.0	55.0	33.0	31.0	32.0	0.0	0.0	0.0	0.00
10/3/1996	0.0	0.0	0.0	13.0	13.0	13.0	61.0	59.0	59.0	36.0	31.0	33.0	0.0	0.0	0.0	0.00	56.0	53.0	55.0	34.0	28.0	31.0	0.0	0.0	0.0	0.00
10/4/1996	0.0	0.0	0.0	13.0	13.0	13.0	65.0	59.0	61.0	33.0	33.0	33.0	0.0	0.0	0.0	0.00	58.0	54.0	55.0	35.0	31.0	33.0	0.0	0.0	0.0	0.00
10/5/1996	0.0	0.0	0.0	13.0	13.0	13.0	61.0	60.0	60.0	36.0	33.0	34.0	0.0	0.0	0.0	0.00	58.0	54.0	55.0	34.0	33.0	33.0	0.0	0.0	0.0	0.00
10/6/1996	0.0	0.0	0.0	13.0	13.0	13.0	64.0	60.0	61.0	36.0	35.0	36.0	0.0	0.0	0.0	0.00	55.0	53.0	54.0	36.0	33.0	34.0	0.0	0.0	0.0	0.00
10/7/1996	0.0	0.0	0.0	13.0	13.0	13.0	63.0	60.0	61.0	36.0	33.0	34.0	0.0	0.0	0.0	0.00	58.0	55.0	56.0	35.0	35.0	35.0	0.0	0.0	0.0	0.00
10/8/1996	0.0	0.0	0.0	14.0	13.0	13.0	66.0	60.0	62.0	39.0	33.0	33.0	0.0	0.0	0.0	0.00	56.0	54.0	55.0	36.0	33.0	34.0	0.0	0.0	0.0	0.00
10/9/1996	0.0	0.0	0.0	13.0	11.0	13.0	65.0	60.0	61.0	33.0	7.0	23.0	0.0	0.0	0.0	0.00	59.0	54.0	56.0	39.0	33.0	34.0	0.0	0.0	0.0	0.00
10/10/1996	0.0	0.0	0.0	13.0	13.0	13.0	62.0	59.0	60.0	33.0	16.0	27.0	0.0	0.0	0.0	0.00	55.0	51.0	53.0	33.0	7.0	23.0	0.0	0.0	0.0	0.00
10/11/1996	0.0	0.0	0.0	13.0	13.0	13.0	62.0	60.0	60.0	32.0	31.0	31.0	0.0	0.0	0.0	0.00	54.0	52.0	53.0	32.0	31.0	31.0	0.0	0.0	0.0	0.00
10/12/1996	0.0	0.0	0.0	13.0	13.0	13.0	60.0	59.0	59.0	33.0	31.0	32.0	0.0	0.0	0.0	0.00	53.0	51.0	52.0	33.0	31.0	32.0	0.0	0.0	0.0	0.00
10/13/1996	0.0	0.0	0.0	13.0	13.0	13.0	63.0	59.0	60.0	35.0	31.0	34.0	0.0	0.0	0.0	0.00	58.0	54.0	56.0	35.0	31.0	33.0	0.0	0.0	0.0	0.00
10/14/1996	0.0	0.0	0.0	13.0	13.0	13.0	62.0	59.0	60.0	36.0	31.0	33.0	0.0	0.0	0.0	0.00	56.0	52.0	54.0	35.0	31.0	32.0	0.0	0.0	0.0	0.00
10/15/1996	0.0	0.0	0.0	13.0	13.0	13.0	63.0	59.0	60.0	35.0	31.0	34.0	0.0	0.0	0.0	0.00	58.0	54.0	56.0	35.0	31.0	33.0	0.0	0.0	0.0	0.00
10/16/1996	0.0	0.0	0.0	14.0	13.0	13.0	64.0	59.0	61.0	35.0	33.0	33.0	0.0	0.0	0.0	0.00	58.0	53.0	55.0	34.0	33.0	58.0	0.0	0.0	0.0	0.00
10/17/1996	0.0	0.0	0.0	13.0	13.0	13.0	65.0	60.0	61.0	33.0	29.0	32.0	0.0	0.0	0.0	0.00	57.0	54.0	54.0	35.0	32.0	56.0	0.0	0.0	0.0	0.00
10/18/1996	0.0	0.0	0.0	13.0	13.0	13.0	63.0	58.0	60.0	33.0	29.0	32.0	0.0	0.0	0.0	0.00	57.0	54.0	54.0	33.0	29.0	57.0	0.0	0.0	0.0	0.00
10/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	63.0	58.0	60.0	33.0	29.0	32.0	0.0	0.0	0.0	0.00	57.0	54.0	54.0	33.0	29.0	57.0	0.0	0.0	0.0	0.00
10/20/1996	0.0	0.0	0.0	14.0	13.0	13.0	69.0	57.0	63.0	23.0	22.0	22.0	0.0	0.0	0.0	0.00	57.0	51.0	54.0	28.0	23.0	57.0	0.0	0.0	0.0	0.00
10/21/1996	0.0	0.0	0.0	15.0	13.0	14.0	70.0	62.0	65.0	35.0	22.0	30.0	0.0	0.0	0.0	0.00	57.0	50.0	53.0	23.0	22.0	57.0	0.0	0.0	0.0	0.00
10/22/1996	0.0	0.0	0.0	14.0	13.0	13.0	70.0	63.0	66.0	35.0	32.0	33.0	0.0	0.0	0.0	0.00	58.0	50.0	54.0	35.0	22.0	58.0	0.0	0.0	0.0	0.00
10/23/1996	0.0	0.0	0.0	14.0	13.0	13.0	70.0	64.0	66.0	36.0	32.0	33.0	0.0	0.0	0.0	0.00	59.0	53.0	55.0	35.0	32.0	59.0	0.0	0.0	0.0	0.00
10/24/1996	0.0	0.0	0.0	14.0	8.0	13.0	71.0	63.0	66.0	32.0	18.0	24.0	0.0	0.0	0.0	0.00	59.0	53.0	55.0	35.0	32.0	59.0	0.0	0.0	0.0	0.00
10/25/1996	0.0	0.0	0.0	13.0	13.0	13.0	68.0	63.0	65.0	21.0	18.0	20.0	0.0	0.0	0.0	0.00	57.0	51.0	54.0	33.0	18.0	57.0	0.0	0.0	0.0	0.00
10/26/1996	0.0	0.0	0.0	13.0	13.0	13.0	69.0	63.0	65.0	32.0	21.0	28.0	0.0	0.0	0.0	0.00	56.0	51.0	53.0	21.0	18.0	56.0	0.0	0.0	0.0	0.00
10/27/1996	0.0	0.0	0.0	14.0	13.0	13.0	68.0	64.0	65.0	32.0	29.0	31.0	0.0	0.0	0.0	0.00	56.0	51.0	53.0	32.0	21.0	56.0	0.0	0.0	0.0	0.00
10/28/1996	0.0	0.0	0.0	14.0	12.0	13.0	69.0	63.0	66.0	35.0	31.0	33.0	0.0	0.0	0.0	0.00	58.0	51.0	55.0	35.0	31.0	58.0	0.0	0.0	0.0	0.00
10/29/1996	0.0	0.0	0.0	14.0	12.0	13.0	70.0	63.0	66.0	35.0	33.0	33.0	0.0	0.0	0.0	0.00	59.0	54.0	56.0	35.0	33.0	59.0	0.0	0.0	0.0	0.00
10/30/1996	0.0	0.0	0.0	14.0	12.0	13.0	72.0	64.0	67.0	35.0	32.0	33.0	0.0	0.0	0.0	0.00	60.0	54.0	56.0	35.0	32.0	60.0	0.0	0.0	0.0	0.00
10/31/1996	0.0	0.0	0.0	15.0	12.0	13.0	71.0	64.0	66.0	33.0	14.0	23.0	0.0	0.0	0.0	0.00	59.0	52.0	54.0	33.0	14.0	59.0	0.0	0.0	0.0	0.00
11/1/1996	0.0	0.0	0.0	14.0	12.0	13.0	70.0	62.0	64.0	23.0	15.0	21.0	0.0	0.0	0.0	0.00	69.0	62.0	64.0	23.0	15.0	21.0	0.0	0.0	0.0	0.00
11/2/1996	0.0	0.0	0.0	14.0	12.0	13.0	68.0	63.0	65.0	28.0	23.0	26.0	0.0	0.0	0.0	0.00	70.0	62.0	65.0	28.0	23.0	26.0	0.0	0.0	0.0	0.00
11/3/1996	0.0	0.0	0.0	14.0	13.0	13.0	67.0	64.0	65.0	33.0	26.0	31.0	0.0	0.0	0.0	0.00	68.0	63.0	65.0	33.0	26.0	31.0	0.0	0.0	0.0	0.00
11/4/1996	0.0	0.0	0.0	14.0	13.0	13.0	69.0	64.0	65.0	35.0	32.0	33.0	0.0	0.0	0.0	0.00	67.0	64.0	65.0	35.0	32.0	33.0	0.0	0.0	0.0	0.00
11/5/1996	0.0	0.0	0.0	13.0	12.0	13.0	70.0	64.0	65.0	33.0	32.0	33.0	0.0	0.0	0.0	0.00	69.0	64.0	65.0	35.0	32.0	34.0	0.0	0.0	0.0	0.00
11/6/1996	0.0	0.0	0.0	13.0	12.0	13.0	70.0	64.0	65.0	33.0	32.0	33.0	0.0	0.0	0.0	0.00	70.0	64.0	65.0	33.0	32.0	33.0	0.0	0.0	0.0	0.00
11/7/1996	0.0	0.0	0.0	13.0	7.0	13.0	70.0	64.0	65.0	33.0	17.0	23.0	0.0	0.0	0.0	0.00	70.0	64.0	65.0	33.0	32.0	33.0	0.0	0.0	0.0	0.00
11/8/1996	0.0	0.0	0.0	14.0	13.0	13.0	69.0	62.0	65.0	31.0	18.0	24.0	0.0	0.0	0.0	0.00	70.0	64.0	65.0	33.0	17.0	23.0	0.0	0.0	0.0	0.00
11/9/1996	0.0	0.0	0.0	14.0	12.0	13.0	66.0	62.0	64.0	31.0	28.0	29.0	0.0	0.0	0.0	0.00	69.0	62.0	65.0	31.0	18.0	24.0	0.0	0.0	0.0	0.00
11/10/1996	0.0	0.0	0.0	14.0	12.0	13.0	77.0	65.0	71.0	32.0	31.0	31.0	0.0	0.0	0.0	0.00	66.0	62.0	64.0	31.0	28.0	29.0	0.0	0.0	0.0	0.00
11/11/1996	0.0	0.0	0.0	14.0	12.0	13.0	77.0	70.0	73.0	36.0	32.0	31.0	0.0	0.0	0.0	0.00	77.0	65.0	71.0	32.0	31.0	31.0	0.0	0.0	0.0	0.00
11/12/1996	0.0	0.0	0.0	14.0	12.0	13.0	77.0	71.0	73.0	35.0	32.0	34.0	0.0	0.0	0.0	0.00	77.0	70.0	73.0	36.0	32.0	31.0	0.0	0.0	0.0	0.00
11/13/1996	0.0	0.0	0.0	13.0	13.0	13.0	77.0	74.0	75.0	35.0	33.0	33.0	0.0	0.0	0.0	0.00	77.0	71.0	73.0	35.0	32.0	34.0	0.0	0.0	0.0	0.00
11/14/1996	0.0	0.0	0.0	13.0	5.0	13.0	75.0	73.0	74.0	32.0	19.0	28.0	0.0	0.0	0.0	0.00	77.0	74.0	75.0	35.0	33.0	33.0	0.0	0.0	0.0	0.00
11/15/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	72.0	73.0	28.0	26.0	27.0	0.0	0.0	0.0	0.00	75.0	73.0	74.0	32.0	19.0	28.0	0.0	0.0	0.0	0.00
11/16/1996	0.0	0.0	0.0	14.0	13.0	13.0	74.0	72.0	73.0	31.0	27.0	29.0	0.0	0.0	0.0	0.00	75.0	72.0	73.0	28.0	26.0	27.0	0.0	0.0	0.0	0.00
11/17/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	73.0	31.0	29.0	30.0	0.0	0.0	0.0	0.00	74.0	72.0	73.0	31.0	27.0	29.0	0.0	0.0	0.0	0.00
11/18/1996	0.0	0.0	0.0	14.0	8.0	12.0	74.0	71.0	73.0	32.0	30.0	31.0	0.0	0.0	0.0	0.00	75.0	71.0	73.0	31.0	29.0	30.0	0.0	0.0	0.0	0.00
11/19/1996	0.0	0.0	0.0	14.0	0.0	8.0	75.0	0.0	49.0	33.0	0.0	21.0	0.0	0.0	0.0	0.00	74.0	71								

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (PSI)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (PSI)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min
11/22/1998	0.0	0.0	0.0	14.0	12.0	13.0	74.0	68.0	71.0	35.0	17.0	24.0				74.0	68.0	71.0	35.0	17.0	24.0							0.00
11/23/1998	0.0	0.0	0.0	14.0	12.0	13.0	75.0	68.0	71.0	33.0	31.0	32.0				75.0	68.0	71.0	33.0	31.0	32.0							0.00
11/24/1998	0.0	0.0	0.0	14.0	13.0	13.0	75.0	69.0	72.0	32.0	31.0	31.0				75.0	69.0	72.0	32.0	31.0	31.0							0.00
11/25/1998	0.0	0.0	0.0	13.0	12.0	13.0	76.0	70.0	72.0	35.0	31.0	33.0				76.0	70.0	72.0	35.0	31.0	33.0							0.00
11/26/1998	0.0	0.0	0.0	13.0	5.0	12.0	77.0	69.0	72.0	35.0	29.0	31.0				77.0	69.0	72.0	35.0	29.0	31.0							0.00
11/27/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	67.0	71.0	32.0	29.0	31.0				75.0	67.0	71.0	32.0	29.0	31.0							0.00
11/28/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	72.0	32.0	31.0	31.0				74.0	69.0	72.0	32.0	31.0	31.0							0.00
11/29/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	72.0	32.0	31.0	31.0				75.0	70.0	72.0	32.0	31.0	31.0							0.00
11/30/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	72.0	32.0	31.0	31.0				75.0	70.0	72.0	32.0	31.0	31.0							0.00
12/1/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	72.0	32.0	31.0	31.0				52.0	48.0	50.0	32.0	31.0	31.0							0.01
12/2/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	70.0	72.0	34.0	31.0	32.0				54.0	49.0	51.0	34.0	31.0	32.0							0.00
12/3/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	55.0	71.0	37.0	31.0	33.0				56.0	49.0	52.0	36.0	31.0	33.0							0.02
12/4/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	34.0	32.0	32.0				54.0	50.0	51.0	34.0	32.0	32.0							0.00
12/5/1998	0.0	0.0	0.0	13.0	5.0	13.0	76.0	69.0	71.0	32.0	19.0	25.0				53.0	48.0	50.0	32.0	19.0	25.0							0.00
12/6/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	68.0	71.0	26.0	20.0	24.0				54.0	47.0	50.0	26.0	20.0	24.0							0.00
12/7/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	67.0	70.0	28.0	25.0	27.0				52.0	47.0	49.0	28.0	25.0	27.0							0.00
12/8/1998	0.0	0.0	0.0	13.0	13.0	13.0	72.0	66.0	69.0	31.0	27.0	29.0				51.0	46.0	48.0	31.0	27.0	29.0							0.01
12/9/1998	0.0	0.0	0.0	13.0	13.0	13.0	82.0	66.0	76.0	35.0	30.0	32.0				52.0	45.0	48.0	34.0	30.0	32.0							0.15
12/10/1998	0.0	0.0	0.0	13.0	13.0	13.0	84.0	75.0	78.0	34.0	31.0	32.0				53.0	46.0	49.0	34.0	31.0	32.0							0.00
12/11/1998	0.0	0.0	0.0	13.0	13.0	13.0	84.0	77.0	79.0	35.0	31.0	32.0				53.0	48.0	50.0	34.0	31.0	32.0							0.00
12/12/1998	0.0	0.0	0.0	13.0	4.0	13.0	84.0	76.0	79.0	32.0	13.0	26.0				53.0	45.0	48.0	32.0	13.0	26.0							0.00
12/13/1998	0.0	0.0	0.0	13.0	13.0	13.0	84.0	76.0	79.0	26.0	24.0	26.0				51.0	45.0	47.0	26.0	24.0	26.0							0.00
12/14/1998	0.0	0.0	0.0	13.0	13.0	13.0	83.0	76.0	78.0	28.0	26.0	28.0				52.0	45.0	48.0	28.0	26.0	28.0							0.00
12/15/1998	0.0	0.0	0.0	13.0	13.0	13.0	83.0	75.0	78.0	31.0	29.0	29.0				51.0	45.0	47.0	31.0	29.0	29.0							0.00
12/16/1998	0.0	0.0	0.0	13.0	13.0	13.0	84.0	75.0	78.0	32.0	30.0	31.0				52.0	45.0	48.0	32.0	30.0	31.0							0.00
12/17/1998	0.0	0.0	0.0	13.0	13.0	13.0	84.0	75.0	78.0	34.0	31.0	32.0				53.0	46.0	49.0	34.0	31.0	32.0							0.00
12/18/1998	0.0	0.0	0.0	13.0	13.0	13.0	82.0	75.0	78.0	34.0	31.0	32.0				52.0	47.0	49.0	34.0	31.0	32.0							0.00
12/19/1998	0.0	0.0	0.0	13.0	8.0	13.0	82.0	72.0	76.0	32.0	24.0	30.0				51.0	45.0	48.0	32.0	24.0	30.0							0.00
12/20/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	73.0	30.0	29.0	30.0				47.0	44.0	45.0	30.0	29.0	30.0							0.00
12/21/1998	0.0	0.0	0.0	13.0	13.0	13.0	78.0	73.0	75.0	31.0	29.0	30.0				48.0	45.0	46.0	31.0	29.0	30.0							0.00
12/22/1998	0.0	0.0	0.0	13.0	13.0	13.0	80.0	75.0	77.0	31.0	30.0	31.0				49.0	45.0	47.0	31.0	30.0	31.0							0.00
12/23/1998	0.0	0.0	0.0	13.0	4.0	13.0	80.0	73.0	76.0	34.0	31.0	32.0				50.0	44.0	47.0	34.0	31.0	32.0							0.00
12/24/1998	0.0	0.0	0.0	13.0	13.0	13.0	83.0	73.0	76.0	34.0	31.0	32.0				52.0	45.0	48.0	34.0	31.0	32.0							0.00
12/25/1998	0.0	0.0	0.0	13.0	13.0	13.0	82.0	72.0	76.0	34.0	31.0	32.0				52.0	45.0	48.0	34.0	31.0	32.0							0.00
12/26/1998	0.0	0.0	0.0	13.0	13.0	13.0	79.0	58.0	73.0	32.0	31.0	31.0				59.0	46.0	48.0	32.0	31.0	31.0							0.00
12/27/1998	0.0	0.0	0.0	13.0	13.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0							0.00
12/28/1998	0.0	0.0	0.0	13.0	13.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0							0.00
12/29/1998	0.0	0.0	0.0	13.0	13.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0							0.00
12/30/1998	0.0	0.0	0.0	13.0	13.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0							0.00
12/31/1998				13.0	13.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0							0.00
1/1/1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0							0.00
1/2/1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0							0.00
1/3/1999	0.0	0.0	0.0	13.0	13.0	13.0	82.0	73.0	76.0	32.0	31.0	31.0				51.0	46.0	48.0	32.0	31.0	31.0							0.00
1/4/1999	0.0	0.0	0.0	13.0	13.0	13.0	80.0	71.0	74.0	32.0	31.0	31.0				51.0	45.0	47.0	32.0	31.0	31.0							0.00
1/5/1999	0.0	0.0	0.0	13.0	13.0	13.0	80.0	71.0	75.0	32.0	31.0	31.0				50.0	45.0	47.0	32.0	31.0	31.0							0.00
1/6/1999	0.0	0.0	0.0	13.0	13.0	13.0	86.0	72.0	78.0	36.0	31.0	31.0				51.0	45.0	47.0	36.0	31.0	32.0							0.00
1/7/1999	0.0	0.0	0.0	13.0	13.0	13.0	87.0	76.0	80.0	34.0	31.0	32.0				50.0	44.0	47.0	35.0	31.0	32.0							0.00
1/8/1999	0.0	0.0	0.0	13.0	4.0	12.0	86.0	59.0	78.0	35.0	17.0	31.0				53.0	44.0	46.0	35.0	17.0	31.0							0.00
1/9/1999	0.0	0.0	0.0	13.0	13.0	13.0	82.0	76.0	78.0	31.0	31.0	31.0				49.0	44.0	46.0	31.0	31.0	31.0							0.00
1/10/1999	0.0	0.0	0.0	13.0	13.0	13.0	79.0	73.0	75.0	31.0	31.0	31.0				48.0	43.0	45.0	31.0	31.0	31.0							0.00
1/11/1999	0.0	0.0	0.0	13.0	13.0	13.0	77.0	60.0	74.0	32.0	31.0	31.0				55.0	43.0	45.0	32.0	31.0	31.0							0.00

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min
1/12/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	73.0	75.0	31.0	31.0	31.0	50	0	0	0.00	45.0	43.0	44.0	31.0	31.0	31.0	0	0	0	0	0.00	0.00
1/13/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	74.0	75.0	34.0	31.0	32.0	50	0	0	0.00	45.0	43.0	44.0	34.0	31.0	32.0	0	0	0	0	0.00	0.00
1/14/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	74.0	75.0	34.0	31.0	32.0	50	0	0	0.00	44.0	43.0	44.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
1/15/1997	0.0	0.0	0.0	13.0	7.0	12.0	78.0	62.0	75.0	34.0	31.0	32.0	50	0	0	0.00	56.0	44.0	45.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
1/16/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/17/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/18/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/19/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/20/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/21/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/22/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/23/1997	0.0	0.0	0.0	13.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/24/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	70.0	75.0	31.0	31.0	31.0	0	0	0	0.00	48.0	42.0	45.0	31.0	31.0	31.0	0	0	0	0	0.00	0.00
1/25/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	74.0	34.0	31.0	31.0	0	0	0	0.00	47.0	42.0	44.0	34.0	31.0	31.0	0	0	0	0	0.00	0.00
1/26/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	72.0	74.0	34.0	31.0	32.0	0	0	0	0.00	47.0	43.0	44.0	35.0	31.0	33.0	0	0	0	0	0.00	0.00
1/27/1997	0.0	0.0	0.0	14.0	13.0	13.0	77.0	71.0	74.0	32.0	31.0	31.0	0	0	0	0.00	47.0	42.0	44.0	32.0	31.0	31.0	0	0	0	0	0.00	0.00
1/28/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	72.0	75.0	34.0	31.0	32.0	0	0	0	0.00	46.0	42.0	44.0	34.0	31.0	32.0	0	0	0	0	0.00	0.00
1/29/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	72.0	75.0	34.0	31.0	32.0	0	0	0	0.00	48.0	43.0	45.0	34.0	31.0	32.0	0	0	0	0	0.00	0.00
1/30/1997	0.0	0.0	0.0	14.0	7.0	12.0	80.0	71.0	75.0	32.0	16.0	24.0	0	0	0	0.00	49.0	43.0	46.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
1/31/1997	0.0	0.0	0.0	14.0	12.0	13.0	74.0	68.0	71.0	21.0	17.0	19.0	0	0	0	0.00	44.0	40.0	42.0	21.0	18.0	19.0	0	0	0	0	0.00	0.00
2/1/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	68.0	71.0	24.0	20.0	22.0	0	0	0	0.00	47.0	40.0	43.0	24.0	20.0	22.0	0	0	0	0	0.00	0.00
2/2/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	67.0	71.0	27.0	23.0	25.0	0	0	0	0.00	47.0	40.0	43.0	27.0	23.0	25.0	0	0	0	0	0.00	0.00
2/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	68.0	73.0	34.0	27.0	31.0	0	0	0	0.00	47.0	41.0	44.0	35.0	27.0	31.0	0	0	0	0	0.00	0.00
2/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	75.0	34.0	31.0	32.0	0	0	0	0.00	50.0	43.0	45.0	34.0	31.0	32.0	0	0	0	0	0.00	0.00
2/5/1997	0.0	0.0	0.0	13.0	10.0	12.0	79.0	73.0	75.0	34.0	31.0	32.0	0	0	0	0.00	48.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/6/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	71.0	74.0	32.0	31.0	31.0	0	0	0	0.00	49.0	44.0	45.0	32.0	31.0	31.0	0	0	0	0	0.00	0.00
2/7/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	73.0	31.0	31.0	31.0	0	0	0	0.00	48.0	43.0	45.0	31.0	31.0	31.0	0	0	0	0	0.00	0.00
2/8/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	73.0	31.0	31.0	31.0	0	0	0	0.00	49.0	43.0	45.0	31.0	31.0	31.0	0	0	0	0	0.00	0.00
2/9/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	71.0	73.0	31.0	31.0	31.0	0	0	0	0.00	48.0	44.0	45.0	31.0	30.0	31.0	0	0	0	0	0.00	0.00
2/10/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	35.0	31.0	32.0	0	0	0	0.00	48.0	43.0	45.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/11/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	34.0	31.0	32.0	0	0	0	0.00	48.0	43.0	45.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/12/1997	0.0	0.0	0.0	14.0	10.0	12.0	79.0	71.0	74.0	34.0	31.0	32.0	0	0	0	0.00	51.0	42.0	45.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/13/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	72.0	75.0	32.0	31.0	31.0	0	0	0	0.00	48.0	44.0	46.0	32.0	31.0	31.0	0	0	0	0	0.00	0.00
2/14/1997	0.0	0.0	0.0	14.0	13.0	13.0	76.0	72.0	74.0	31.0	31.0	31.0	0	0	0	0.00	47.0	45.0	46.0	31.0	31.0	31.0	0	0	0	0	0.00	0.00
2/15/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	67.0	73.0	31.0	25.0	30.0	0	0	0	0.00	54.0	43.0	46.0	31.0	25.0	30.0	0	0	0	0	0.00	0.00
2/16/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	72.0	32.0	29.0	30.0	0	0	0	0.00	48.0	42.0	44.0	32.0	29.0	30.0	0	0	0	0	0.00	0.00
2/17/1997	0.0	0.0	0.0	13.0	12.0	13.0	75.0	71.0	73.0	34.0	31.0	32.0	0	0	0	0.00	45.0	43.0	44.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/18/1997	0.0	0.0	0.0	13.0	12.0	13.0	74.0	72.0	73.0	32.0	31.0	31.0	0	0	0	0.00	45.0	44.0	44.0	32.0	31.0	31.0	0	0	0	0	0.00	0.00
2/19/1997	0.0	0.0	0.0	13.0	8.0	12.0	78.0	72.0	75.0	35.0	31.0	32.0	0	0	0	0.00	47.0	44.0	45.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/20/1997	0.0	0.0	0.0	13.0	7.0	12.0	78.0	73.0	74.0	32.0	17.0	28.0	0	0	0	0.00	47.0	44.0	45.0	32.0	17.0	28.0	0	0	0	0	0.00	0.00
2/22/1997	0.0	0.0	0.0	13.0	12.0	12.0	77.0	71.0	73.0	29.0	26.0	27.0	0	0	0	0.00	47.0	43.0	45.0	29.0	26.0	27.0	0	0	0	0	0.00	0.00
2/23/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	30.0	28.0	29.0	0	0	0	0.00	47.0	43.0	45.0	30.0	28.0	29.0	0	0	0	0	0.00	0.00
2/24/1997	0.0	0.0	0.0	13.0	12.0	13.0	78.0	70.0	72.0	30.0	29.0	30.0	0	0	0	0.00	49.0	43.0	45.0	30.0	29.0	30.0	0	0	0	0	0.00	0.00
2/25/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	72.0	75.0	35.0	31.0	32.0	0	0	0	0.00	46.0	43.0	44.0	35.0	30.0	32.0	0	0	0	0	0.00	0.00
2/26/1997	0.0	0.0	0.0	13.0	8.0	12.0	79.0	72.0	75.0	35.0	31.0	32.0	0	0	0	0.00	49.0	44.0	46.0	36.0	31.0	32.0	0	0	0	0	0.00	0.00
2/27/1997	0.0	0.0	0.0	13.0	12.0	13.0	77.0	72.0	74.0	31.0	29.0	30.0	0	0	0	0.00	48.0	45.0	46.0	34.0	31.0	31.0	0	0	0	0	0.00	0.00
2/28/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	72.0	73.0	29.0	28.0	29.0	0	0	0	0.00	47.0	44.0	45.0	29.0	28.0	29.0	0	0	0	0	0.00	0.00
2/29/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	71.0	73.0	28.0	28.0	28.0	0	0	0	0.00	47.0	43.0	45.0	28.0	28.0	28.0	0	0	0	0	0.00	0.00
3/1/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	70.0	75.0	36.0	28.0	31.0	0	0	0	0.00												

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max
12/1/1995	1.0	0.0	0.0	11.0	11.0	11.0	69.0	10.0	30.0	36.0	27.0	29.0	1445	0	281	0.28	76.0	57.0	68.0	37.0	27.0	29.0	0	0	0	0	0.00
12/2/1995	1.0	0.0	0.0	11.0	11.0	11.0	9.0	4.0	6.0	27.0	26.0	27.0	1220	0	57	0.12	94.0	76.0	84.0	27.0	26.0	27.0	0	0	0	0	0.00
12/3/1995	1.0	0.0	0.0	11.0	11.0	11.0	5.0	3.0	4.0	27.0	26.0	27.0	1220	0	32	0.03	95.0	40.0	64.0	27.0	26.0	27.0	0	0	0	0	0.00
12/4/1995	1.0	0.0	0.0	11.0	11.0	11.0	6.0	3.0	4.0	40.0	26.0	31.0	1221	0	67	0.13	39.0	22.0	30.0	42.0	26.0	32.0	0	0	0	0	0.00
12/5/1995	1.0	0.0	0.0	11.0	11.0	11.0	4.0	3.0	3.0	33.0	27.0	29.0	927	0	23	0.04	22.0	14.0	18.0	34.0	27.0	29.0	0	0	0	0	0.00
12/6/1995	1.0	0.0	0.0	13.0	10.0	11.0	60.0	3.0	38.0	39.0	5.0	26.0	1776	0	30	0.17	14.0	10.0	12.0	41.0	27.0	31.0	0	0	0	0	0.00
12/7/1995	1.0	0.0	0.0	11.0	11.0	11.0	87.0	58.0	68.0	39.0	27.0	31.0	1746	0	472	1.02	9.0	6.0	8.0	41.0	27.0	31.0	0	0	0	0	0.00
12/8/1995	1.0	0.0	0.0	11.0	7.0	11.0	83.0	15.0	38.0	27.0	25.0	27.0	53	0	26	0.08	8.0	5.0	6.0	27.0	27.0	27.0	0	0	0	0	0.00
12/9/1995	0.0	0.0	0.0	11.0	11.0	11.0	14.0	5.0	9.0	27.0	26.0	26.0	0	0	0	0.00	5.0	4.0	5.0	27.0	26.0	26.0	0	0	0	0	0.00
12/11/1995	0.0	0.0	0.0	11.0	10.0	11.0	6.0	4.0	5.0	37.0	26.0	29.0	1285	0	163	0.33	5.0	3.0	4.0	38.0	26.0	29.0	0	0	0	0	0.00
12/12/1995	0.0	0.0	0.0	11.0	10.0	11.0	64.0	3.0	19.0	34.0	27.0	29.0	122	0	236	0.38	75.0	4.0	24.0	34.0	27.0	28.0	0	0	0	0	0.00
12/13/1995	1.0	0.0	0.0	12.0	11.0	11.0	93.0	23.0	65.0	36.0	26.0	31.0	1422	0	429	1.16	63.0	43.0	52.0	37.0	26.0	31.0	0	0	0	0	0.00
12/14/1995	0.0	0.0	0.0	11.0	7.0	11.0	12.0	5.0	8.0	32.0	27.0	29.0	772	0	343	0.71	68.0	53.0	62.0	34.0	25.0	31.0	0	0	0	0	0.00
12/15/1995	0.0	0.0	0.0	11.0	11.0	11.0	88.0	4.0	55.0	34.0	27.0	29.0	1185	0	345	0.72	73.0	60.0	68.0	32.0	27.0	29.0	0	0	0	0	0.00
12/16/1995	0.0	0.0	0.0	11.0	11.0	11.0	95.0	20.0	55.0	34.0	27.0	28.0	100	0	154	0.37	93.0	70.0	80.0	35.0	27.0	29.0	0	0	0	0	0.00
12/17/1995	0.0	0.0	0.0	11.0	11.0	11.0	19.0	9.0	14.0	36.0	26.0	29.0	1346	0	282	0.49	92.0	34.0	55.0	35.0	27.0	28.0	0	0	0	0	0.00
12/18/1995	2.0	0.0	1.0	12.0	11.0	11.0	9.0	1.0	4.0	36.0	27.0	29.0	1280	0	258	0.49	33.0	17.0	25.0	37.0	26.0	29.0	0	0	0	0	0.00
12/20/1995	2.0	1.0	2.0	11.0	8.0	11.0	2.0	1.0	1.0	35.0	27.0	29.0	1036	0	222	0.38	17.0	1.0	9.0	37.0	27.0	29.0	0	0	0	0	0.00
12/21/1995	2.0	1.0	2.0	11.0	11.0	11.0	1.0	1.0	1.0	35.0	26.0	29.0	1246	0	282	0.47	12.0	10.0	11.0	36.0	27.0	29.0	0	0	0	0	0.00
12/22/1995	2.0	1.0	1.0	11.0	11.0	11.0	67.0	1.0	44.0	36.0	26.0	28.0	1368	0	186	0.39	12.0	10.0	11.0	36.0	26.0	29.0	0	0	0	0	0.00
12/23/1995	2.0	1.0	1.0	11.0	11.0	11.0	66.0	63.0	64.0	26.0	26.0	26.0	118	0	47	0.09	79.0	10.0	52.0	37.0	26.0	28.0	0	0	0	0	0.00
12/24/1995	2.0	1.0	1.0	11.0	11.0	11.0	64.0	59.0	62.0	26.0	26.0	26.0	194	0	73	0.16	64.0	53.0	58.0	26.0	26.0	26.0	0	0	0	0	0.00
12/25/1995	2.0	1.0	1.0	11.0	11.0	11.0	62.0	58.0	59.0	26.0	25.0	26.0	115	0	45	0.09	64.0	53.0	61.0	26.0	26.0	26.0	0	0	0	0	0.00
12/26/1995	2.0	1.0	1.0	11.0	11.0	11.0	61.0	57.0	58.0	36.0	26.0	28.0	1481	0	244	0.40	70.0	63.0	67.0	26.0	25.0	26.0	0	0	0	0	0.00
12/27/1995	2.0	1.0	1.0	11.0	11.0	11.0	59.0	55.0	57.0	34.0	25.0	30.0	1272	0	150	0.24	74.0	66.0	71.0	38.0	26.0	28.0	0	0	0	0	0.00
12/28/1995	2.0	0.0	1.0	12.0	11.0	11.0	55.0	54.0	55.0	36.0	27.0	32.0	1261	0	166	0.24	83.0	72.0	76.0	35.0	25.0	30.0	0	0	0	0	0.00
12/29/1995	2.0	1.0	2.0	11.0	8.0	11.0	57.0	53.0	54.0	36.0	30.0	33.0	1862	0	365	0.74	82.0	75.0	79.0	37.0	28.0	33.0	0	0	0	0	0.00
12/30/1995	2.0	1.0	2.0	11.0	11.0	11.0	56.0	52.0	54.0	34.0	33.0	34.0	244	774	578	0.91	93.0	1.0	51.0	37.0	30.0	34.0	0	0	0	0	0.00
12/31/1995	2.0	1.0	2.0	11.0	11.0	11.0	53.0	51.0	52.0	34.0	33.0	34.0	967	611	671	1.35	1.0	1.0	1.0	34.0	34.0	34.0	0	0	0	0	0.00
1/1/1996	1.0	1.0	1.0	12.0	11.0	11.0	53.0	50.0	51.0	37.0	27.0	31.0	1243	0	490	0.98	2.0	1.0	1.0	34.0	33.0	34.0	0	0	0	0	0.00
1/2/1996	1.0	0.0	1.0	11.0	11.0	11.0	50.0	47.0	49.0	36.0	27.0	29.0	576	0	245	0.38	2.0	1.0	1.0	34.0	27.0	31.0	0	0	0	0	0.00
1/3/1996	2.0	0.0	1.0	11.0	11.0	11.0	47.0	47.0	47.0	27.0	27.0	27.0	157	197	187	0.43	1.0	0.0	0.0	37.0	27.0	29.0	0	0	0	0	0.00
1/5/1996	2.0	0.0	1.0	12.0	8.0	10.0	50.0	45.0	47.0	39.0	27.0	29.0	1625	0	288	0.49	5.0	0.0	0.0	40.0	26.0	29.0	0	0	0	0	0.00
1/6/1996	2.0	0.0	1.0	11.0	10.0	11.0	50.0	45.0	47.0	27.0	26.0	26.0	128	0	32	0.07	1.0	0.0	0.0	27.0	26.0	26.0	0	0	0	0	0.00
1/7/1996	2.0	0.0	1.0	11.0	11.0	11.0	49.0	44.0	46.0	27.0	26.0	26.0	131	0	37	0.07	1.0	0.0	0.0	27.0	26.0	26.0	0	0	0	0	0.00
1/8/1996	1.0	0.0	0.0	11.0	11.0	11.0	46.0	43.0	44.0	34.0	26.0	28.0	1171	0	258	0.38	0.0	0.0	0.0	27.0	26.0	26.0	0	0	0	0	0.00
1/9/1996	1.0	0.0	0.0	11.0	11.0	11.0	76.0	42.0	59.0	35.0	26.0	28.0	958	0	281	0.40	0.0	0.0	0.0	34.0	26.0	28.0	0	0	0	0	0.00
1/10/1996	2.0	0.0	1.0	11.0	11.0	11.0	77.0	70.0	73.0	34.0	26.0	28.0	1028	0	243	0.36	1.0	0.0	0.0	36.0	26.0	28.0	0	0	0	0	0.00
1/11/1996	1.0	0.0	0.0	11.0	5.0	11.0	75.0	69.0	72.0	36.0	26.0	28.0	1163	0	250	0.40	45.0	0.0	5.0	36.0	26.0	28.0	0	0	0	0	0.00
1/12/1996	0.0	0.0	0.0	11.0	11.0	11.0	72.0	66.0	69.0	35.0	26.0	28.0	1231	0	224	0.38	1.0	0.0	0.0	36.0	26.0	28.0	0	0	0	0	0.00
1/13/1996	0.0	0.0	0.0	11.0	11.0	11.0	67.0	63.0	65.0	27.0	26.0	26.0	125	0	61	0.09	1.0	0.0	0.0	36.0	26.0	28.0	0	0	0	0	0.00
1/14/1996	1.0	0.0	0.0	11.0	11.0	11.0	71.0	62.0	66.0	26.0	26.0	26.0	132	0	81	0.08	1.0	0.0	0.0	27.0	26.0	26.0	0	0	0	0	0.00
1/15/1996	0.0	0.0	0.0	11.0	11.0	11.0	70.0	65.0	67.0	26.0	26.0	26.0	222	0	55	0.10	1.0	0.0	0.0	26.0	26.0	26.0	0	0	0	0	0.00
1/16/1996	0.0	0.0	0.0	11.0	11.0	11.0	70.0	66.0	68.0	36.0	26.0	28.0	1446	0	248	0.44	20.0	0.0	2.0	38.0	26.0	28.0	0	0	0	0	0.00
1/17/1996	1.0	0.0	0.0	13.0	11.0	11.0	71.0	66.0	69.0	35.0	26.0	29.0	1287	0	221	0.31	2.0	0.0	1.0	36.0	26.0	28.0	0	0	0	0	0.00
1/17/1996	1.0	0.0	0.0	13.0	7.0	12.0	72.0	66.0	68.0	38.0	28.0	29.0	1430	0	127	0.25	2.0	0.0	1.0	39.0	28.0	29.0	0	0	0	0	0.00
1/19/1996	1.0	0.0	0.0	13.0	13.0	13.0	72.0	66.0	68.0	38.0	28.0	30.0	1217	0	202	0.30	2.0	0.0	1.0	40.0	28.0	30.0	0	0	0	0	0.00
1/20/1996	1.0	0.0	0.0	13.0	13.0	13.0	72.0	64.0	67.0	29.0	29.0	29.0	1217	0	202	0.30	1.0	0.0	0.0	29.0	29.0	29.0	0	0	0	0	0.00

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW-RATE DATA**

Date Sampled	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-3 Daily Flow Rate (gpm)				IW-3 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
12/1/1996	1.0	0.0	0.0	13.0	13.0	13.0	72.0	65.0	68.0	31.0	30.0	30.0	1.0	0.0	0.0	31.0	30.0	30.0	0	0	0	0	0.00
12/3/1996	0.0	0.0	0.0	13.0	13.0	13.0	71.0	65.0	67.0	37.0	29.0	30.0	1.0	0.0	0.0	38.0	29.0	30.0	0	0	0	0	0.00
12/4/1996	0.0	0.0	0.0	13.0	12.0	13.0	71.0	66.0	68.0	38.0	29.0	30.0	1.0	0.0	0.0	39.0	29.0	30.0	0	0	0	0	0.00
12/5/1996	1.0	0.0	0.0	13.0	12.0	12.0	73.0	65.0	68.0	37.0	30.0	31.0	1.0	0.0	0.0	38.0	30.0	31.0	0	0	0	0	0.00
12/6/1996	0.0	0.0	0.0	13.0	9.0	12.0	70.0	65.0	67.0	39.0	23.0	28.0	1.0	0.0	0.0	40.0	23.0	28.0	0	0	0	0	0.00
12/8/1996	1.0	0.0	0.0	14.0	13.0	13.0	71.0	67.0	68.0	36.0	23.0	29.0	1.0	0.0	0.0	37.0	23.0	29.0	0	0	0	0	0.00
12/9/1996	1.0	0.0	1.0	14.0	12.0	13.0	72.0	66.0	69.0	32.0	30.0	30.0	1.0	0.0	0.0	32.0	30.0	30.0	0	0	0	0	0.00
12/9/1996	1.0	0.0	0.0	14.0	12.0	13.0	70.0	66.0	68.0	31.0	30.0	30.0	0.0	0.0	0.0	31.0	30.0	30.0	0	0	0	0	0.00
12/9/1996	1.0	0.0	0.0	14.0	12.0	13.0	70.0	66.0	68.0	39.0	30.0	31.0	0.0	0.0	0.0	40.0	30.0	31.0	0	0	0	0	0.00
12/9/1996	1.0	0.0	0.0	14.0	12.0	13.0	73.0	66.0	68.0	36.0	30.0	31.0	1.0	0.0	0.0	37.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	1.0	0.0	1.0	14.0	12.0	13.0	74.0	66.0	69.0	41.0	30.0	31.0	1.0	0.0	0.0	37.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	1.0	0.0	0.0	14.0	12.0	13.0	74.0	66.0	69.0	36.0	30.0	31.0	1.0	0.0	0.0	37.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	1.0	0.0	1.0	14.0	12.0	13.0	72.0	67.0	69.0	39.0	30.0	31.0	1.0	0.0	0.0	40.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	14.0	12.0	13.0	71.0	65.0	69.0	31.0	30.0	30.0	1.0	0.0	0.0	31.0	30.0	30.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	13.0	12.0	12.0	67.0	61.0	64.0	31.0	30.0	30.0	0.0	0.0	0.0	31.0	30.0	30.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	13.0	13.0	13.0	67.0	61.0	63.0	35.0	30.0	31.0	68.0	0.0	32.0	36.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	14.0	13.0	13.0	65.0	60.0	62.0	37.0	30.0	31.0	63.0	57.0	60.0	37.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	1.0	0.0	0.0	14.0	13.0	13.0	66.0	61.0	63.0	38.0	30.0	31.0	58.0	52.0	55.0	40.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	14.0	6.0	12.0	68.0	61.0	64.0	39.0	27.0	30.0	52.0	47.0	50.0	40.0	27.0	30.0	0	0	0	0	0.00
12/11/1996	0.0	0.0	0.0	14.0	12.0	13.0	70.0	61.0	65.0	36.0	30.0	30.0	71.0	45.0	57.0	37.0	30.0	31.0	0	0	0	0	0.00
12/11/1996	1.0	0.0	0.0	14.0	12.0	13.0	69.0	61.0	64.0	31.0	30.0	30.0	81.0	70.0	76.0	31.0	30.0	30.0	0	0	0	0	0.00
12/17/1996	0.0	0.0	0.0	14.0	12.0	13.0	67.0	61.0	63.0	31.0	30.0	31.0	70.0	62.0	67.0	31.0	30.0	31.0	0	0	0	0	0.00
12/19/1996	0.0	0.0	0.0	13.0	12.0	12.0	67.0	61.0	63.0	37.0	30.0	31.0	73.0	60.0	64.0	37.0	30.0	31.0	0	0	0	0	0.00
12/19/1996	0.0	0.0	0.0	14.0	12.0	13.0	68.0	60.0	63.0	38.0	30.0	31.0	79.0	67.0	74.0	39.0	30.0	31.0	0	0	0	0	0.00
12/19/1996	0.0	0.0	0.0	13.0	5.0	12.0	68.0	60.0	63.0	34.0	27.0	29.0	72.0	63.0	68.0	35.0	27.0	29.0	0	0	0	0	0.00
12/19/1996	2.0	0.0	1.0	14.0	12.0	13.0	68.0	61.0	64.0	35.0	28.0	30.0	70.0	62.0	66.0	36.0	28.0	30.0	0	0	0	0	0.00
12/19/1996	2.0	0.0	1.0	14.0	12.0	13.0	68.0	61.0	64.0	35.0	29.0	30.0	69.0	59.0	62.0	36.0	29.0	30.0	0	0	0	0	0.00
12/19/1996	1.0	0.0	0.0	13.0	12.0	12.0	64.0	58.0	61.0	30.0	29.0	30.0	73.0	65.0	69.0	30.0	29.0	30.0	0	0	0	0	0.00
12/19/1996	2.0	0.0	1.0	14.0	12.0	13.0	66.0	58.0	62.0	31.0	30.0	30.0	69.0	62.0	66.0	31.0	30.0	30.0	0	0	0	0	0.00
12/19/1996	2.0	0.0	1.0	14.0	12.0	13.0	66.0	59.0	62.0	31.0	30.0	30.0	74.0	65.0	70.0	31.0	30.0	30.0	0	0	0	0	0.00
12/20/1996	2.0	1.0	1.0	14.0	13.0	13.0	69.0	60.0	64.0	39.0	30.0	31.0	81.0	63.0	70.0	40.0	30.0	31.0	0	0	0	0	0.00
12/21/1996	2.0	0.0	1.0	14.0	6.0	12.0	71.0	63.0	66.0	38.0	29.0	31.0	91.0	81.0	87.0	40.0	30.0	32.0	0	0	0	0	0.00
12/22/1996	2.0	0.0	1.0	14.0	12.0	13.0	71.0	63.0	66.0	37.0	30.0	31.0	87.0	81.0	84.0	38.0	30.0	31.0	0	0	0	0	0.00
12/23/1996	2.0	0.0	1.0	14.0	12.0	13.0	71.0	64.0	67.0	37.0	30.0	31.0	84.0	78.0	81.0	38.0	30.0	31.0	0	0	0	0	0.00
12/24/1996	2.0	0.0	1.0	14.0	12.0	13.0	71.0	64.0	67.0	31.0	29.0	30.0	82.0	76.0	79.0	31.0	30.0	31.0	0	0	0	0	0.00
12/25/1996	1.0	0.0	1.0	14.0	12.0	13.0	70.0	63.0	65.0	31.0	29.0	30.0	85.0	75.0	79.0	31.0	30.0	30.0	0	0	0	0	0.00
12/26/1996	1.0	0.0	1.0	14.0	12.0	13.0	70.0	62.0	66.0	34.0	29.0	32.0	86.0	77.0	81.0	35.0	30.0	33.0	0	0	0	0	0.00
12/27/1996	1.0	0.0	1.0	14.0	12.0	13.0	71.0	63.0	67.0	36.0	30.0	32.0	83.0	75.0	79.0	37.0	30.0	32.0	0	0	0	0	0.00
12/28/1996	1.0	0.0	0.0	14.0	5.0	12.0	72.0	64.0	67.0	39.0	28.0	31.0	80.0	73.0	76.0	40.0	28.0	32.0	0	0	0	0	0.00
12/29/1996	1.0	0.0	0.0	14.0	12.0	13.0	72.0	65.0	68.0	35.0	30.0	31.0	79.0	72.0	74.0	36.0	30.0	31.0	0	0	0	0	0.00
12/31/1996	1.0	0.0	0.7	14.0	12.0	13.0	71.0	65.0	68.0	35.0	30.0	30.0	77.0	71.0	74.0	36.0	30.0	30.0	0	0	0	0	0.00
1/2/1997	1.0	0.0	1.0	14.0	14.0	14.0	70.0	70.0	70.0	30.0	30.0	30.0	75.0	75.0	71.0	30.0	30.0	30.0	0	0	0	0	0.00
1/3/1997	1.0	0.0	0.0	14.0	13.0	13.0	70.0	63.0	67.0	30.0	30.0	30.0	75.0	68.0	69.0	30.0	30.0	30.0	0	0	0	0	0.00
1/3/1997	0.5	0.0	0.0	13.0	12.0	13.0	65.0	62.0	63.0	41.0	30.0	33.0	71.0	68.0	70.0	43.0	30.0	33.0	0	0	0	0	0.00
1/5/1997	1.0	0.0	0.0	13.0	11.0	13.0	66.0	54.0	64.0	40.0	27.0	35.0	73.0	59.0	73.0	42.0	27.0	36.0	0	0	0	0	0.00
1/6/1997	1.0	0.0	0.0	14.0	5.0	12.0	70.0	63.0	66.0	45.0	32.0	40.0	77.0	70.0	75.0	47.0	32.0	41.0	0	0	0	0	0.00
1/7/1997	0.0	0.0	0.0	14.0	12.0	13.0	70.0	65.0	68.0	45.0	31.0	35.0	77.0	72.0	70.0	47.0	31.0	36.0	0	0	0	0	0.00
1/8/1997	0.0	0.0	0.0	13.0	12.0	12.0	67.0	61.0	64.0	31.0	31.0	31.0	73.0	66.0	64.0	31.0	31.0	31.0	0	0	0	0	0.00
1/8/1997	0.0	0.0	0.0	14.0	12.0	13.0	64.0	60.0	62.0	37.0	31.0	32.0	67.0	61.0	60.0	38.0	31.0	32.0	0	0	0	0	0.00
1/10/1997	0.0	0.0	0.0	13.0	12.0	13.0	61.0	60.0	61.0	31.0	31.0	31.0	61.0	59.0	59.0	32.0	31.0	31.0	0	0	0	0	0.00
1/10/1997	0.0	0.0	0.0	13.0	13.0	13.0	61.0	60.0	60.0	32.0	31.0	31.0	59.0	58.0	63.0	32.0	31.0	31.0	0	0	0	0	0.00

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (GPM)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (GPM)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
3/12/1996	0.0	0.0	0.0	14.0	12.0	13.0	65.0	59.0	61.0	32.0	31.0	31.0	160	0	0	0.00	74.0	57.0	77.0	32.0	31.0	31.0	0	0	0	0	0.00
3/13/1996	0.0	0.0	0.0	14.0	12.0	13.0	65.0	58.0	61.0	32.0	30.0	31.0	164	0	0	0.00	82.0	73.0	72.0	32.0	30.0	31.0	0	0	0	0	0.00
3/14/1996	0.0	0.0	0.0	14.0	12.0	13.0	66.0	59.0	62.0	30.0	30.0	30.0	160	0	0	0.00	77.0	67.0	69.0	30.0	30.0	30.0	0	0	0	0	0.00
3/15/1996	0.0	0.0	0.0	14.0	12.0	13.0	66.0	59.0	62.0	31.0	29.0	30.0	161	0	0	0.00	73.0	65.0	68.0	31.0	30.0	30.0	0	0	0	0	0.00
3/17/1996	0.0	0.0	0.0	14.0	12.0	13.0	65.0	58.0	62.0	32.0	31.0	31.0	171	0	0	0.00	72.0	64.0	67.0	32.0	31.0	31.0	0	0	0	0	0.00
3/18/1996	0.0	0.0	0.0	14.0	13.0	14.0	64.0	60.0	62.0	32.0	31.0	31.0	169	0	0	0.00	71.0	64.0	68.0	32.0	31.0	31.0	0	0	0	0	0.00
3/19/1996	0.0	0.0	0.0	14.0	12.0	13.0	62.0	56.0	60.0	32.0	31.0	31.0	169	0	0	0.00	70.0	66.0	66.0	32.0	31.0	31.0	0	0	0	0	0.00
3/20/1996	0.0	0.0	0.0	13.0	5.0	12.0	60.0	55.0	57.0	32.0	21.0	28.0	160	0	0	0.00	69.0	63.0	70.0	32.0	31.0	32.0	0	0	0	0	0.00
3/21/1996	0.0	0.0	0.0	13.0	12.0	12.0	57.0	53.0	55.0	30.0	26.0	28.0	152	0	0	0.00	74.0	63.0	70.0	32.0	21.0	28.0	0	0	0	0	0.00
3/22/1996	0.0	0.0	0.0	14.0	12.0	13.0	57.0	52.0	54.0	31.0	29.0	30.0	160	0	0	0.00	74.0	67.0	75.0	30.0	26.0	28.0	0	0	0	0	0.00
3/23/1996	0.0	0.0	0.0	14.0	13.0	13.0	57.0	51.0	53.0	31.0	31.0	31.0	160	0	0	0.00	79.0	69.0	77.0	31.0	29.0	30.0	0	0	0	0	0.00
3/24/1996	0.0	0.0	0.0	14.0	13.0	13.0	55.0	51.0	53.0	31.0	31.0	31.0	161	0	0	0.00	83.0	71.0	76.0	32.0	31.0	31.0	0	0	0	0	0.00
3/25/1996	0.0	0.0	0.0	14.0	13.0	13.0	54.0	51.0	53.0	31.0	31.0	31.0	160	0	0	0.00	79.0	74.0	75.0	32.0	31.0	32.0	0	0	0	0	0.00
3/26/1996	0.0	0.0	0.0	14.0	8.0	14.0	55.0	51.0	53.0	31.0	31.0	31.0	160	0	0	0.00	78.0	73.0	76.0	34.0	32.0	32.0	0	0	0	0	0.00
3/27/1996	0.0	0.0	0.0	14.0	12.0	13.0	55.0	52.0	53.0	39.0	31.0	32.0	159	0	0	0.00	79.0	73.0	76.0	40.0	31.0	33.0	0	0	0	0	0.00
3/28/1996	0.0	0.0	0.0	14.0	12.0	13.0	56.0	52.0	54.0	34.0	34.0	34.0	160	0	0	0.00	79.0	74.0	77.0	45.0	31.0	36.0	0	0	0	0	0.00
3/29/1996	0.0	0.0	0.0	14.0	12.0	13.0	58.0	52.0	54.0	34.0	34.0	34.0	160	0	0	0.00	79.0	75.0	77.0	35.0	34.0	34.0	0	0	0	0	0.00
3/30/1996	0.0	0.0	0.0	14.0	12.0	13.0	57.0	51.0	54.0	34.0	31.0	33.0	171	0	0	0.00	81.0	74.0	76.0	35.0	31.0	33.0	0	0	0	0	0.00
3/31/1996	0.0	0.0	0.0	14.0	12.0	13.0	56.0	51.0	53.0	34.0	31.0	33.0	171	0	0	0.00	80.0	73.0	76.0	35.0	31.0	33.0	0	0	0	0	0.00
4/1/1996	0.0	0.0	0.0	14.0	12.0	13.0	54.0	50.0	52.0	43.0	32.0	36.0	1111	0	0	0.00	81.0	73.0	76.0	35.0	31.0	33.0	0	0	0	0	0.00
4/2/1996	0.0	0.0	0.0	13.0	8.0	12.0	53.0	48.0	50.0	43.0	34.0	41.0	1195	0	0	0.00	78.0	74.0	76.0	45.0	31.0	37.0	0	0	0	0	0.00
4/3/1996	0.0	0.0	0.0	13.0	11.0	12.0	54.0	49.0	51.0	37.0	31.0	33.0	1179	0	0	0.00	79.0	73.0	75.0	45.0	34.0	43.0	0	0	0	0	0.00
4/4/1996	0.0	0.0	0.0	14.0	12.0	13.0	54.0	49.0	51.0	37.0	31.0	33.0	1210	0	0	0.00	79.0	73.0	75.0	37.0	31.0	34.0	0	0	0	0	0.00
4/5/1996	0.0	0.0	0.0	14.0	12.0	13.0	55.0	49.0	51.0	36.0	33.0	34.0	1011	0	0	0.00	79.0	72.0	75.0	38.0	31.0	34.0	0	0	0	0	0.00
4/6/1996	0.0	0.0	0.0	12.0	12.0	12.0	54.0	50.0	51.0	38.0	33.0	34.0	870	0	0	0.00	80.0	73.0	76.0	36.0	34.0	34.0	0	0	0	0	0.00
4/7/1996	0.0	0.0	0.0	13.0	12.0	12.0	54.0	50.0	51.0	38.0	33.0	34.0	1000	0	0	0.00	79.0	74.0	75.0	34.0	33.0	34.0	0	0	0	0	0.00
4/10/1996	0.0	0.0	0.0	14.0	10.0	12.0	54.0	49.0	51.0	40.0	36.0	36.0	1072	0	0	0.00	78.0	73.0	74.0	39.0	33.0	35.0	0	0	0	0	0.00
4/11/1996	0.0	0.0	0.0	14.0	12.0	13.0	55.0	49.0	51.0	37.0	35.0	36.0	1004	0	0	0.00	79.0	72.0	74.0	38.0	34.0	36.0	0	0	0	0	0.00
4/12/1996	0.0	0.0	0.0	14.0	12.0	13.0	54.0	49.0	52.0	37.0	30.0	35.0	1066	0	0	0.00	77.0	72.0	74.0	36.0	36.0	37.0	0	0	0	0	0.00
4/13/1996	0.0	0.0	0.0	14.0	13.0	13.0	56.0	51.0	53.0	37.0	35.0	36.0	1000	0	0	0.00	77.0	72.0	74.0	38.0	30.0	36.0	0	0	0	0	0.00
4/14/1996	0.0	0.0	0.0	14.0	13.0	13.0	56.0	51.0	53.0	37.0	35.0	36.0	1000	0	0	0.00	78.0	71.0	74.0	37.0	36.0	36.0	0	0	0	0	0.00
4/15/1996	0.0	0.0	0.0	14.0	13.0	14.0	56.0	51.0	53.0	37.0	29.0	35.0	1061	0	0	0.00	78.0	72.0	75.0	37.0	36.0	36.0	0	0	0	0	0.00
4/17/1996	0.0	0.0	0.0	14.0	13.0	14.0	56.0	51.0	53.0	37.0	30.0	34.0	1092	0	0	0.00	78.0	72.0	75.0	38.0	30.0	36.0	0	0	0	0	0.00
4/18/1996	0.0	0.0	0.0	13.0	6.0	12.0	55.0	50.0	52.0	36.0	24.0	34.0	1017	0	0	0.00	78.0	71.0	74.0	38.0	30.0	35.0	0	0	0	0	0.00
4/19/1996	0.0	0.0	0.0	14.0	13.0	13.0	55.0	51.0	52.0	36.0	30.0	34.0	1000	0	0	0.00	75.0	70.0	72.0	37.0	24.0	34.0	0	0	0	0	0.00
4/20/1996	0.0	0.0	0.0	14.0	12.0	13.0	55.0	50.0	52.0	35.0	30.0	34.0	1000	0	0	0.00	75.0	69.0	72.0	36.0	30.0	34.0	0	0	0	0	0.00
4/21/1996	0.0	0.0	0.0	14.0	13.0	13.0	55.0	51.0	53.0	35.0	35.0	35.0	1000	0	0	0.00	75.0	69.0	72.0	36.0	30.0	34.0	0	0	0	0	0.00
4/22/1996	0.0	0.0	0.0	14.0	13.0	13.0	55.0	51.0	53.0	36.0	35.0	35.0	1000	0	0	0.00	75.0	69.0	72.0	36.0	35.0	36.0	0	0	0	0	0.00
4/23/1996	0.0	0.0	0.0	14.0	13.0	13.0	56.0	52.0	53.0	40.0	30.0	35.0	1000	0	0	0.00	74.0	70.0	72.0	36.0	35.0	35.0	0	0	0	0	0.00
4/24/1996	0.0	0.0	0.0	14.0	13.0	13.0	57.0	52.0	54.0	39.0	31.0	35.0	1017	0	0	0.00	74.0	70.0	72.0	41.0	30.0	30.0	0	0	0	0	0.00
4/25/1996	0.0	0.0	0.0	14.0	11.0	13.0	57.0	51.0	53.0	35.0	25.0	33.0	1077	0	0	0.00	75.0	69.0	72.0	39.0	31.0	31.0	0	0	0	0	0.00
4/26/1996	0.0	0.0	0.0	14.0	13.0	13.0	57.0	52.0	54.0	36.0	30.0	34.0	1014	0	0	0.00	76.0	68.0	71.0	36.0	25.0	25.0	0	0	0	0	0.00
4/27/1996	0.0	0.0	0.0	14.0	13.0	13.0	57.0	52.0	54.0	35.0	31.0	34.0	1000	0	0	0.00	74.0	67.0	70.0	36.0	30.0	30.0	0	0	0	0	0.00
4/28/1996	0.0	0.0	0.0	14.0	13.0	13.0	58.0	52.0	55.0	35.0	31.0	34.0	1000	0	0	0.00	74.0	68.0	70.0	36.0	31.0	31.0	0	0	0	0	0.00
4/29/1996	0.0	0.0	0.0	14.0	13.0	13.0	57.0	53.0	56.0	35.0	35.0	35.0	1000	0	0	0.00	75.0	67.0	70.0	36.0	31.0	31.0	0	0	0	0	0.00
4/30/1996	0.0	0.0	0.0	14.0	13.0	13.0	58.0	53.0	57.0	36.0	31.0	34.0	1000	0	0	0.00	72.0	68.0	71.0	36.0	35.0	35.0	0	0	0	0	0.00
5/1/1996	0.0	0.0	0.0	13.0	13.0	13.0	57.0	54.0	55.0	38.0	30.0	34.0	1000	0	0	0.00	72.0	69.0	71.0	36.0	31.0	34.0	0	0	0	0	0.00
5/2/1996	0.0	0.0	0.0	13.0	9.0	12.0	59.0	54.0	56.0	39.0	32.0	35.0	1000	0	0	0.00	71.0	67.0	69.0	38.0	31.0	35.0	0	0	0	0	0.00

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
5/2/1996	0.0	0.0	0.0	14.0	12.0	13.0	59.0	54.0	56.0	37.0	30.0	34.0	14.0	13.0	13.0	74.0	68.0	70.0	37.0	30.0	34.0	0.0	0.0	0.0	0.0	0.00	
5/3/1996	0.0	0.0	0.0	13.0	12.0	13.0	58.0	54.0	55.0	42.0	31.0	35.0	14.0	13.0	13.0	71.0	67.0	68.0	43.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/4/1996	0.0	0.0	0.0	14.0	12.0	13.0	58.0	54.0	56.0	35.0	35.0	35.0	14.0	13.0	13.0	71.0	66.0	68.0	36.0	36.0	36.0	0.0	0.0	0.0	0.0	0.00	
5/5/1996	0.0	0.0	0.0	13.0	12.0	13.0	58.0	54.0	56.0	36.0	35.0	36.0	14.0	13.0	13.0	70.0	66.0	68.0	36.0	36.0	36.0	0.0	0.0	0.0	0.0	0.00	
5/6/1996	0.0	0.0	0.0	13.0	12.0	13.0	58.0	53.0	55.0	39.0	31.0	34.0	14.0	13.0	13.0	70.0	65.0	67.0	39.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/7/1996	0.0	0.0	0.0	13.0	12.0	13.0	62.0	54.0	58.0	37.0	32.0	35.0	14.0	13.0	13.0	69.0	65.0	67.0	37.0	32.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/8/1996	0.0	0.0	0.0	13.0	8.0	12.0	63.0	58.0	60.0	41.0	30.0	35.0	14.0	13.0	13.0	69.0	65.0	66.0	42.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/9/1996	0.0	0.0	0.0	14.0	13.0	13.0	64.0	59.0	61.0	38.0	32.0	35.0	14.0	13.0	13.0	68.0	64.0	66.0	39.0	32.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/10/1996	0.0	0.0	0.0	14.0	13.0	13.0	64.0	60.0	62.0	39.0	31.0	35.0	14.0	13.0	13.0	68.0	65.0	66.0	40.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/11/1996	0.0	0.0	0.0	14.0	12.0	13.0	64.0	59.0	61.0	36.0	35.0	36.0	14.0	13.0	13.0	69.0	63.0	65.0	36.0	36.0	36.0	0.0	0.0	0.0	5.0	0.00	
5/12/1996	0.0	0.0	0.0	14.0	12.0	13.0	65.0	58.0	61.0	36.0	36.0	36.0	14.0	13.0	13.0	70.0	63.0	66.0	37.0	36.0	36.0	0.0	0.0	0.0	0.0	0.00	
5/13/1996	0.0	0.0	0.0	14.0	12.0	13.0	65.0	59.0	62.0	37.0	31.0	34.0	14.0	13.0	13.0	70.0	63.0	66.0	37.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/14/1996	0.0	0.0	0.0	14.0	12.0	13.0	64.0	58.0	60.0	38.0	31.0	34.0	14.0	13.0	13.0	69.0	62.0	65.0	39.0	31.0	35.0	0.0	0.0	0.0	0.0	0.00	
5/15/1996	0.0	0.0	0.0	14.0	12.0	13.0	61.0	57.0	59.0	39.0	31.0	34.0	14.0	13.0	13.0	74.0	63.0	69.0	40.0	31.0	34.0	0.0	0.0	0.0	0.0	0.00	
5/16/1996	0.0	0.0	0.0	13.0	4.0	12.0	60.0	56.0	58.0	39.0	30.0	33.0	14.0	13.0	13.0	75.0	70.0	72.0	38.0	30.0	33.0	14.0	13.0	13.0	7.0	1.11	
5/17/1996	0.0	0.0	0.0	14.0	12.0	13.0	59.0	55.0	57.0	41.0	31.0	35.0	14.0	13.0	13.0	75.0	70.0	72.0	40.0	31.0	35.0	14.0	13.0	13.0	7.0	1.22	
5/18/1996	0.0	0.0	0.0	14.0	12.0	13.0	59.0	54.0	56.0	41.0	34.0	36.0	14.0	13.0	13.0	74.0	69.0	71.0	39.0	34.0	36.0	14.0	13.0	13.0	7.0	1.04	
5/19/1996	0.0	0.0	0.0	14.0	12.0	13.0	58.0	54.0	56.0	35.0	34.0	34.0	14.0	13.0	13.0	74.0	69.0	71.0	35.0	34.0	34.0	14.0	13.0	13.0	7.0	1.21	
5/20/1996	0.0	0.0	0.0	14.0	12.0	13.0	56.0	53.0	54.0	38.0	31.0	34.0	14.0	13.0	13.0	73.0	68.0	70.0	37.0	31.0	34.0	14.0	13.0	13.0	7.0	1.18	
5/21/1996	0.0	0.0	0.0	13.0	13.0	13.0	53.0	52.0	53.0	38.0	31.0	34.0	14.0	13.0	13.0	70.0	68.0	69.0	37.0	31.0	34.0	14.0	13.0	13.0	7.0	1.14	
5/22/1996	0.0	0.0	0.0	13.0	6.0	13.0	56.0	52.0	54.0	41.0	29.0	35.0	14.0	13.0	13.0	73.0	69.0	71.0	40.0	29.0	34.0	14.0	13.0	13.0	7.0	1.19	
5/23/1996	0.0	0.0	0.0	13.0	12.0	12.0	56.0	52.0	53.0	41.0	32.0	35.0	14.0	13.0	13.0	74.0	69.0	71.0	40.0	31.0	35.0	14.0	13.0	13.0	7.0	1.21	
5/24/1996	0.0	0.0	0.0	14.0	12.0	12.0	56.0	52.0	53.0	42.0	31.0	37.0	14.0	13.0	13.0	74.0	68.0	71.0	40.0	31.0	36.0	14.0	13.0	13.0	7.0	1.20	
5/25/1996	0.0	0.0	0.0	14.0	12.0	13.0	57.0	51.0	53.0	42.0	35.0	37.0	14.0	13.0	13.0	75.0	67.0	70.0	40.0	34.0	36.0	14.0	13.0	13.0	7.0	1.20	
5/26/1996	0.0	0.0	0.0	14.0	12.0	13.0	56.0	50.0	52.0	39.0	31.0	34.0	14.0	13.0	13.0	75.0	67.0	69.0	38.0	31.0	34.0	14.0	13.0	13.0	7.0	1.21	
5/27/1996	0.0	0.0	0.0	14.0	12.0	13.0	57.0	50.0	52.0	36.0	35.0	35.0	14.0	13.0	13.0	74.0	67.0	69.0	35.0	34.0	35.0	14.0	13.0	13.0	7.0	1.21	
5/28/1996	0.0	0.0	0.0	14.0	12.0	13.0	71.0	47.0	59.0	41.0	32.0	35.0	14.0	13.0	13.0	70.0	57.0	63.0	40.0	32.0	34.0	14.0	13.0	13.0	7.0	1.20	
5/29/1996	0.0	0.0	0.0	13.0	6.0	12.0	78.0	71.0	74.0	42.0	30.0	34.0	14.0	13.0	13.0	63.0	56.0	59.0	41.0	30.0	34.0	14.0	13.0	13.0	7.0	1.27	
5/30/1996	0.0	0.0	0.0	14.0	12.0	13.0	77.0	71.0	74.0	42.0	30.0	35.0	14.0	13.0	13.0	62.0	57.0	59.0	41.0	30.0	34.0	14.0	13.0	13.0	7.0	1.18	
5/31/1996	0.0	0.0	0.0	14.0	12.0	13.0	76.0	72.0	74.0	38.0	31.0	35.0	14.0	13.0	13.0	62.0	57.0	59.0	37.0	31.0	34.0	14.0	13.0	13.0	7.0	1.20	
6/1/1996	0.0	0.0	0.0	13.0	0.0	11.0	74.0	0.0	60.0	36.0	0.0	30.0	14.0	13.0	13.0	60.0	0.0	48.0	36.0	0.0	30.0	14.0	13.0	13.0	7.0	1.20	
6/2/1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	14.0	13.0	13.0	0.0	0.0	0.0	0.0	31.0	0.0	14.0	13.0	13.0	7.0	0.00	
6/3/1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	34.0	14.0	13.0	13.0	0.0	0.0	0.0	0.0	30.0	34.0	14.0	13.0	13.0	7.0	0.00	
6/4/1996	0.0	0.0	0.0	14.0	12.0	13.0	74.0	70.0	73.0	41.0	31.0	34.0	14.0	13.0	13.0	62.0	57.0	60.0	41.0	31.0	34.0	14.0	13.0	13.0	7.0	1.20	
6/5/1996	0.0	0.0	0.0	13.0	4.0	11.0	75.0	70.0	72.0	37.0	31.0	35.0	14.0	13.0	13.0	63.0	57.0	60.0	37.0	31.0	35.0	14.0	13.0	13.0	7.0	1.21	
6/6/1996	0.0	0.0	0.0	14.0	12.0	13.0	74.0	69.0	71.0	40.0	36.0	34.0	14.0	13.0	13.0	64.0	57.0	60.0	40.0	36.0	34.0	14.0	13.0	13.0	7.0	1.21	
6/7/1996	0.0	0.0	0.0	14.0	12.0	13.0	74.0	68.0	70.0	38.0	36.0	36.0	14.0	13.0	13.0	64.0	57.0	60.0	38.0	36.0	36.0	14.0	13.0	13.0	7.0	1.20	
6/8/1996	0.0	0.0	0.0	14.0	12.0	13.0	71.0	67.0	69.0	36.0	33.0	36.0	14.0	13.0	13.0	63.0	58.0	60.0	36.0	33.0	36.0	14.0	13.0	13.0	7.0	1.20	
6/9/1996	0.0	0.0	0.0	14.0	12.0	13.0	73.0	66.0	70.0	37.0	32.0	35.0	14.0	13.0	13.0	62.0	57.0	59.0	37.0	32.0	35.0	14.0	13.0	13.0	7.0	1.20	
6/10/1996	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	74.0	38.0	30.0	35.0	14.0	13.0	13.0	64.0	57.0	59.0	38.0	30.0	35.0	14.0	13.0	13.0	7.0	1.20	
6/11/1996	0.0	0.0	0.0	14.0	12.0	13.0	77.0	71.0	72.0	40.0	31.0	35.0	14.0	13.0	13.0	63.0	57.0	58.0	40.0	31.0	35.0	14.0	13.0	13.0	7.0	1.21	
6/12/1996	0.0	0.0	0.0	13.0	8.0	13.0	73.0	69.0	71.0	38.0	32.0	34.0	14.0	13.0	13.0	61.0	57.0	58.0	38.0	32.0	34.0	14.0	13.0	13.0	7.0	1.20	
6/13/1996	0.0	0.0	0.0	14.0	13.0	13.0	74.0	69.0	71.0	40.0	35.0	35.0	14.0	13.0	13.0	61.0	57.0	58.0	40.0	35.0	35.0	14.0	13.0	13.0	7.0	1.20	
6/14/1996	0.0	0.0	0.0	14.0	13.0	13.0	75.0	69.0	72.0	38.0	36.0	35.0	14.0	13.0	13.0	61.0	57.0	59.0	38.0	36.0	35.0	14.0	13.0	13.0	7.0	1.20	
6/15/1996	0.0	0.0	0.0	14.0	13.0	14.0	75.0	70.0	72.0	36.0	31.0	36.0	14.0	13.0	13.0	61.0	57.0	59.0	36.0	31.0	36.0	14.0	13.0	13.0	7.0	1.20	
6/16/1996	0.0	0.0	0.0	14.0	13.0	14.0	75.0	69.0	72.0	36.0	31.0	34.0	14.0	13.0	13.0	61.0	57.0	59.0	36.0	31.0	34.0	14.0	13.0	13.0	7.0	1.20	
6/17/1996	0.0	0.0	0.0	15.0	13.0	13.0	76.0	69.0	71.0	43.0	31.0	34.0	14.0	13.0	13.0	62.0	57.0	58.0	43.0	31.0	34.0	14.0	13.0	13.0	7.0	1.21	
6/18/1996	0.0	0.0	0.0	15.0	12.0	13.0	79.0	69.0	73.0	38.0	31.0	35.0	14.0	13.0	13.0	64.0	57.0	59.0	38.0	31.0	35.0	14.0	13.0	13.0	7.0	1.21	
6/19/1996	0.0	0.0	0.0	14.0	4.																						

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MG)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min
1/22/1996	0.0	0.0	0.0	14.0	12.0	13.0	80.0	73.0	75.0	36.0	32.0	35.0	0	0	0	0	0	0	63.0	56.0	58.0	36.0	32.0	35.0	0	0	0	0
1/23/1996	0.0	0.0	0.0	14.0	13.0	13.0	79.0	71.0	74.0	36.0	32.0	35.0	0	0	0	0	0	0	63.0	57.0	59.0	36.0	32.0	35.0	0	0	0	0
1/24/1996	0.0	0.0	0.0	14.0	13.0	13.0	78.0	71.0	73.0	37.0	28.0	34.0	0	0	0	0	0	0	64.0	57.0	59.0	37.0	28.0	34.0	0	0	0	0
1/25/1996	0.0	0.0	0.0	14.0	9.0	13.0	74.0	67.0	70.0	38.0	31.0	34.0	0	0	0	0	0	0	63.0	57.0	59.0	38.0	31.0	34.0	0	0	0	0
1/26/1996	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	38.0	31.0	34.0	0	0	0	0	0	0	63.0	57.0	58.0	38.0	31.0	34.0	0	0	0	0
1/29/1996	0.0	0.0	0.0	15.0	12.0	13.0	80.0	72.0	75.0	38.0	30.0	35.0	0	0	0	0	0	0	62.0	56.0	58.0	38.0	30.0	35.0	0	0	0	0
1/30/1996	0.0	0.0	0.0	14.0	12.0	13.0	75.0	71.0	73.0	37.0	35.0	36.0	0	0	0	0	0	0	63.0	56.0	59.0	36.0	35.0	34.0	0	0	0	0
1/31/1996	0.00	0.00	0.00	14.0	12.0	13.0	76.0	69.0	72.0	38.5	33.0	35.0	0	0	0	0	0	0	59.0	56.0	57.0	37.0	35.0	36.0	0	0	0	0
1/32/1996	1.29	0.00	0.08	14.0	12.0	13.0	74.0	68.0	72.0	38.5	33.0	35.0	0	0	0	0	0	0	62.0	56.0	59.0	38.0	32.0	35.0	0	0	0	0
1/33/1996	0.10	0.00	0.02	13.0	8.0	12.0	72.0	59.0	68.0	44.0	32.0	38.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	31.0	35.0	0	0	0	0
1/34/1996	0.07	0.00	0.01	14.0	13.0	13.0	72.0	49.0	66.0	44.0	31.0	37.0	0	0	0	0	0	0	62.0	57.0	59.0	42.0	32.0	37.0	0	0	0	0
1/35/1996	0.04	0.00	0.00	14.0	13.0	13.0	70.0	64.0	67.0	38.0	31.0	34.0	0	0	0	0	0	0	61.0	57.0	59.0	43.0	31.0	36.0	0	0	0	0
1/36/1996	0.01	0.00	0.00	14.0	12.0	13.0	69.0	64.0	66.0	36.0	35.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	31.0	34.0	0	0	0	0
1/37/1996	0.15	0.00	0.03	14.0	13.0	13.0	69.0	63.0	66.0	36.0	35.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	35.0	35.0	35.0	0	0	0	0
1/38/1996	0.16	0.00	0.02	14.0	13.0	13.0	68.0	59.0	64.0	38.0	33.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	35.0	35.0	35.0	0	0	0	0
1/39/1996	0.06	0.00	0.00	14.0	13.0	13.0	66.0	47.0	60.0	41.0	33.0	35.0	0	0	0	0	0	0	63.0	58.0	60.0	37.0	32.0	34.0	0	0	0	0
1/40/1996	0.16	0.00	0.02	14.0	9.0	13.0	65.0	58.0	62.0	38.0	29.0	34.0	0	0	0	0	0	0	61.0	56.0	59.0	40.0	33.0	34.0	0	0	0	0
1/41/1996	0.03	0.00	0.00	13.0	12.0	13.0	65.0	59.0	61.0	38.0	31.0	34.0	0	0	0	0	0	0	62.0	56.0	59.0	37.0	29.0	34.0	0	0	0	0
1/42/1996	0.12	0.00	0.01	14.0	12.0	13.0	64.0	57.0	60.0	39.0	33.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	31.0	34.0	0	0	0	0
1/43/1996	0.01	0.00	0.00	14.0	12.0	13.0	63.0	56.0	59.0	37.0	36.0	36.0	0	0	0	0	0	0	62.0	57.0	59.0	38.0	33.0	35.0	0	0	0	0
1/44/1996	0.01	0.00	0.00	14.0	12.0	13.0	63.0	56.0	59.0	40.0	36.0	36.0	0	0	0	0	0	0	61.0	56.0	58.0	36.0	35.0	35.0	0	0	0	0
1/45/1996	0.00	0.00	0.00	14.0	12.0	13.0	62.0	56.0	58.0	38.0	33.0	35.0	0	0	0	0	0	0	61.0	56.0	59.0	39.0	35.0	36.0	0	0	0	0
1/46/1996	0.00	0.00	0.00	14.0	12.0	13.0	59.0	30.0	46.0	38.0	33.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	32.0	35.0	0	0	0	0
1/47/1996	0.01	0.00	0.00	13.0	5.0	12.0	60.0	30.0	52.0	37.0	31.0	35.0	0	0	0	0	0	0	61.0	57.0	58.0	37.0	32.0	35.0	0	0	0	0
1/48/1996	0.00	0.00	0.00	14.0	13.0	13.0	59.0	56.0	56.0	39.0	31.0	35.0	0	0	0	0	0	0	60.0	57.0	58.0	36.0	31.0	34.0	0	0	0	0
1/49/1996	0.01	0.00	0.00	14.0	13.0	14.0	58.0	53.0	56.0	39.0	31.0	35.0	0	0	0	0	0	0	61.0	57.0	58.0	38.0	31.0	34.0	0	0	0	0
1/50/1996	0.27	0.00	0.02	15.0	13.0	13.0	60.0	53.0	56.0	37.0	36.0	37.0	0	0	0	0	0	0	61.0	57.0	59.0	38.0	30.0	34.0	0	0	0	0
1/51/1996	0.37	0.00	0.05	15.0	12.0	13.0	68.0	54.0	62.0	37.0	37.0	37.0	0	0	0	0	0	0	62.0	56.0	59.0	36.0	36.0	36.0	0	0	0	0
1/52/1996	0.24	0.00	0.04	14.0	12.0	13.0	67.0	60.0	63.0	39.0	34.0	36.0	0	0	0	0	0	0	64.0	57.0	60.0	36.0	36.0	36.0	0	0	0	0
1/53/1996	0.21	0.00	0.02	14.0	12.0	13.0	66.0	59.0	62.0	40.0	33.0	36.0	0	0	0	0	0	0	64.0	57.0	60.0	38.0	33.0	35.0	0	0	0	0
1/54/1996	0.17	0.00	0.00	14.0	12.0	13.0	65.0	59.0	62.0	40.0	33.0	36.0	0	0	0	0	0	0	62.0	56.0	59.0	39.0	33.0	35.0	0	0	0	0
1/55/1996	0.00	0.00	0.00	14.0	12.0	13.0	64.0	58.0	60.0	39.0	31.0	35.0	0	0	0	0	0	0	62.0	56.0	58.0	39.0	33.0	35.0	0	0	0	0
1/56/1996	0.00	0.00	0.00	13.0	7.0	12.0	58.0	48.0	54.0	41.0	29.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	38.0	31.0	35.0	0	0	0	0
1/57/1996	0.00	0.00	0.00	14.0	13.0	14.0	51.0	45.0	48.0	37.0	37.0	37.0	0	0	0	0	0	0	61.0	56.0	58.0	40.0	27.0	34.0	0	0	0	0
1/58/1996	0.00	0.00	0.00	14.0	13.0	14.0	61.0	45.0	54.0	37.0	37.0	37.0	0	0	0	0	0	0	60.0	56.0	58.0	37.0	36.0	36.0	0	0	0	0
1/59/1996	0.00	0.00	0.00	14.0	13.0	14.0	60.0	49.0	57.0	38.0	33.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	36.0	36.0	36.0	0	0	0	0
1/60/1996	0.00	0.00	0.00	14.0	13.0	14.0	63.0	52.0	60.0	41.0	33.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	38.0	33.0	35.0	0	0	0	0
1/61/1996	0.00	0.00	0.00	14.0	9.0	13.0	65.0	60.0	61.0	37.0	27.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	40.0	33.0	35.0	0	0	0	0
1/62/1996	0.0	0.0	0.0	14.0	12.5	13.0	64.7	58.6	60.7	42.4	31.5	35.3	0	0	0	0	0	0	60.0	56.0	58.0	37.0	27.0	35.0	0	0	0	0
1/63/1996	0.1	0.0	0.0	14.2	12.5	13.1	64.5	57.9	60.0	39.4	30.3	35.1	0	0	0	0	0	0	61.1	55.7	57.7	38.4	30.2	34.7	0	0	0	0
1/64/1996	0.0	0.0	0.0	14.4	12.9	13.6	63.2	57.5	59.8	37.0	36.8	37.2	0	0	0	0	0	0	59.4	55.8	57.3	37.3	36.3	36.7	0	0	0	0
1/65/1996	0.0	0.0	0.0	14.3	13.1	13.6	61.9	56.9	58.9	42.6	33.6	36.0	0	0	0	0	0	0	60.6	55.9	58.0	36.8	36.3	36.6	0	0	0	0
1/66/1996	0.0	0.0	0.0	14.2	12.5	13.4	65.3	56.0	61.0	38.2	31.5	35.0	0	0	0	0	0	0	60.9	56.5	58.3	41.3	32.2	35.5	0	0	0	0
1/67/1996	0.1	0.0	0.0	14.4	12.9	13.5	65.5	58.7	61.6	40.6	32.3	35.4	0	0	0	0	0	0	60.3	55.4	57.6	37.5	31.3	34.7	0	0	0	0
1/68/1996	0.0	0.0	0.0	13.9	6.0	12.4	62.9	58.0	60.1	39.2	25.9	34.7	0	0	0	0	0	0	61.0	56.1	57.9	39.6	32.1	34.9	0	0	0	0
1/69/1996	0.0	0.0	0.0	13.6	12.1	12.6	69.9	62.5	65.9	37.5	32.4	35.9	0	0	0	0	0	0	60.4	55.0	57.1	38.3	25.7	34.2	0	0	0	0
1/70/1996	0.1	0.0	0.0	14.1	12.3	12.9	71.3	64.4	66.6	38.0	37.0	37.3	0	0	0	0	0	0	59.6	55.0	56.6	36.8	32.1	35.4	0	0	0	0
1/71/1996	0.1	0.0	0.0	14.1	12.2	13.0	70.8	64.0	66.3	37.6	37.0	37.3	0	0	0	0	0	0	60.6	55.2	56.9	37.3	36.5	36.8	0	0	0	0

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min
1/12/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	73.0	75.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	45.0	43.0	44.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
1/13/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	74.0	75.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	45.0	43.0	44.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
1/14/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	74.0	75.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	44.0	43.0	44.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
1/15/1997	0.0	0.0	0.0	13.0	7.0	12.0	78.0	62.0	75.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	56.0	44.0	45.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
1/16/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/17/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/18/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/19/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/20/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/21/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/22/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/23/1997	0.0	0.0	0.0	13.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/24/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	70.0	75.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	48.0	42.0	45.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
1/25/1997	0.0	0.0	0.0	14.0	13.0	13.0	78.0	70.0	74.0	34.0	31.0	31.0	0.0	0.0	0.0	0.0	47.0	42.0	44.0	34.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
1/26/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	72.0	74.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	47.0	43.0	44.0	35.0	31.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0
1/27/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	71.0	74.0	32.0	31.0	31.0	0.0	0.0	0.0	0.0	47.0	42.0	44.0	32.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
1/28/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	72.0	75.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	46.0	42.0	44.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
1/29/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	72.0	76.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	48.0	43.0	45.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
1/30/1997	0.0	0.0	0.0	14.0	7.0	12.0	80.0	71.0	75.0	32.0	16.0	24.0	0.0	0.0	0.0	0.0	49.0	43.0	46.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
1/31/1997	0.0	0.0	0.0	14.0	12.0	13.0	74.0	68.0	71.0	21.0	17.0	19.0	0.0	0.0	0.0	0.0	44.0	40.0	42.0	21.0	18.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0
2/1/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	68.0	71.0	24.0	20.0	22.0	0.0	0.0	0.0	0.0	47.0	40.0	43.0	24.0	20.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0
2/2/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	67.0	71.0	27.0	23.0	25.0	0.0	0.0	0.0	0.0	47.0	40.0	43.0	27.0	23.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0
2/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	68.0	73.0	34.0	27.0	31.0	0.0	0.0	0.0	0.0	47.0	41.0	44.0	35.0	27.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
2/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	75.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	50.0	43.0	45.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
2/5/1997	0.0	0.0	0.0	13.0	10.0	12.0	79.0	73.0	75.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	48.0	44.0	46.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
2/6/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	71.0	74.0	32.0	31.0	31.0	0.0	0.0	0.0	0.0	49.0	44.0	45.0	32.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
2/7/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	73.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	48.0	43.0	45.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
2/8/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	73.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	49.0	43.0	45.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
2/9/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	71.0	73.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	48.0	44.0	45.0	31.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
2/10/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	48.0	43.0	45.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
2/11/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	48.0	43.0	45.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
2/12/1997	0.0	0.0	0.0	14.0	10.0	12.0	79.0	71.0	74.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	51.0	42.0	45.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
2/13/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	72.0	75.0	32.0	31.0	31.0	0.0	0.0	0.0	0.0	48.0	44.0	46.0	32.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
2/14/1997	0.0	0.0	0.0	14.0	13.0	13.0	76.0	72.0	74.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	47.0	45.0	46.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
2/15/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	67.0	73.0	31.0	25.0	30.0	0.0	0.0	0.0	0.0	54.0	43.0	46.0	31.0	25.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0
2/16/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	72.0	32.0	29.0	30.0	0.0	0.0	0.0	0.0	48.0	42.0	44.0	32.0	29.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0
2/17/1997	0.0	0.0	0.0	13.0	12.0	13.0	75.0	71.0	73.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	45.0	43.0	44.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
2/18/1997	0.0	0.0	0.0	13.0	12.0	13.0	74.0	72.0	73.0	32.0	31.0	31.0	0.0	0.0	0.0	0.0	45.0	44.0	44.0	32.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
2/19/1997	0.0	0.0	0.0	13.0	8.0	12.0	78.0	72.0	75.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	47.0	44.0	45.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
2/20/1997	0.0	0.0	0.0	13.0	7.0	12.0	78.0	73.0	74.0	32.0	17.0	28.0	0.0	0.0	0.0	0.0	47.0	44.0	45.0	32.0	17.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0
2/22/1997	0.0	0.0	0.0	13.0	12.0	12.0	77.0	71.0	73.0	29.0	26.0	27.0	0.0	0.0	0.0	0.0	47.0	43.0	45.0	29.0	26.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0
2/23/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	30.0	28.0	29.0	0.0	0.0	0.0	0.0	47.0	43.0	45.0	30.0	28.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0
2/24/1997	0.0	0.0	0.0	13.0	12.0	13.0	78.0	70.0	72.0	30.0	29.0	30.0	0.0	0.0	0.0	0.0	49.0	43.0	45.0	30.0	29.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0
2/25/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	72.0	75.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	46.0	43.0	44.0	35.0	30.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
2/26/1997	0.0	0.0	0.0	13.0	8.0	12.0	79.0	72.0	75.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	49.0	44.0	46.0	36.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
2/27/1997	0.0	0.0	0.0	13.0	12.0	13.0	77.0	72.0	74.0	31.0	29.0	30.0	0.0	0.0	0.0	0.0	48.0	45.0	46.0	34.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
2/28/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	72.0	73.0	29.0	28.0	29.0	0.0	0.0	0													

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
3/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	73.0	76.0	35.0	31.0	32.0	345	0	0	0.00	49.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0.00
3/5/1997	0.0	0.0	0.0	13.0	7.0	12.0	80.0	73.0	76.0	35.0	31.0	32.0	320	0	0	0.00	49.0	45.0	47.0	35.0	31.0	32.0	0	0	0	0.00
3/6/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	71.0	75.0	32.0	31.0	31.0	300	0	0	0.00	50.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/7/1997	0.0	0.0	0.0	13.0	12.0	13.0	74.0	71.0	72.0	32.0	31.0	31.0	315	0	0	0.00	46.0	44.0	45.0	32.0	31.0	31.0	0	0	0	0.00
3/8/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	71.0	73.0	32.0	30.0	31.0	300	0	0	0.00	47.0	44.0	45.0	31.0	30.0	31.0	0	0	0	0.00
3/9/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	71.0	73.0	31.0	30.0	31.0	340	0	0	0.00	47.0	44.0	45.0	31.0	30.0	31.0	0	0	0	0.00
3/10/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	69.0	75.0	35.0	30.0	32.0	300	0	0	0.00	48.0	43.0	45.0	35.0	30.0	32.0	0	0	0	0.00
3/11/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	73.0	76.0	34.0	31.0	32.0	350	0	0	0.00	49.0	44.0	46.0	34.0	31.0	32.0	0	0	0	0.00
3/12/1997	0.0	0.0	0.0	13.0	8.0	12.0	81.0	72.0	76.0	35.0	31.0	32.0	300	0	0	0.00	51.0	44.0	47.0	35.0	31.0	32.0	0	0	0	0.00
3/13/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	73.0	75.0	32.0	31.0	31.0	300	0	0	0.00	49.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/14/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	71.0	72.0	32.0	31.0	31.0	300	0	0	0.00	48.0	44.0	45.0	32.0	31.0	31.0	0	0	0	0.00
3/15/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	70.0	72.0	32.0	31.0	31.0	300	0	0	0.00	49.0	44.0	46.0	32.0	31.0	31.0	0	0	0	0.00
3/16/1997	0.0	0.0	0.0	14.0	12.0	13.0	75.0	69.0	72.0	32.0	31.0	31.0	300	0	0	0.00	48.0	43.0	45.0	32.0	31.0	31.0	0	0	0	0.00
3/17/1997	0.0	0.0	0.0	13.0	12.0	13.0	78.0	69.0	74.0	35.0	31.0	32.0	300	0	0	0.00	47.0	43.0	45.0	36.0	31.0	32.0	0	0	0	0.00
3/18/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	73.0	75.0	35.0	31.0	32.0	300	0	0	0.00	48.0	45.0	46.0	35.0	31.0	32.0	0	0	0	0.00
3/19/1997	0.0	0.0	0.0	13.0	9.0	12.0	80.0	72.0	75.0	35.0	31.0	32.0	310	0	0	0.00	50.0	45.0	47.0	36.0	31.0	32.0	0	0	0	0.00
3/20/1997	0.0	0.0	0.0	13.0	5.0	12.0	79.0	72.0	75.0	31.0	21.0	25.0	300	0	0	0.00	49.0	44.0	46.0	31.0	21.0	25.0	0	0	0	0.00
3/21/1997	0.0	0.0	0.0	13.0	12.0	13.0	75.0	70.0	72.0	26.0	21.0	24.0	300	0	0	0.00	46.0	43.0	44.0	26.0	21.0	24.0	0	0	0	0.00
3/22/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	69.0	72.0	30.0	25.0	28.0	300	0	0	0.00	48.0	43.0	45.0	30.0	25.0	28.0	0	0	0	0.00
3/23/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	68.0	72.0	31.0	30.0	30.0	300	0	0	0.00	48.0	43.0	45.0	31.0	30.0	30.0	0	0	0	0.00
3/24/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	74.0	35.0	31.0	32.0	300	0	0	0.00	48.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0.00
3/25/1997	0.0	0.0	0.0	13.0	6.0	13.0	79.0	73.0	75.0	36.0	31.0	32.0	300	0	0	0.00	49.0	45.0	47.0	37.0	31.0	33.0	0	0	0	0.00
3/26/1997	0.0	0.0	0.0	13.0	12.0	12.0	79.0	73.0	75.0	35.0	31.0	32.0	300	0	0	0.00	50.0	45.0	47.0	35.0	31.0	32.0	0	0	0	0.00
3/27/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	72.0	75.0	32.0	31.0	31.0	300	0	0	0.00	51.0	46.0	48.0	32.0	31.0	31.0	0	0	0	0.00
3/28/1997	0.0	0.0	0.0	13.0	12.0	12.0	77.0	71.0	74.0	32.0	31.0	31.0	300	0	0	0.00	49.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/29/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	32.0	31.0	31.0	300	0	0	0.00	50.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/30/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	73.0	32.0	31.0	31.0	300	0	0	0.00	50.0	44.0	46.0	32.0	31.0	31.0	0	0	0	0.00
3/31/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	69.0	74.0	34.0	31.0	32.0	300	0	0	0.00	48.0	44.0	46.0	34.0	31.0	32.0	0	0	0	0.00
4/1/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	75.0	34.0	31.0	32.0	300	0	0	0.00	50.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0.00
4/2/1997	0.0	0.0	0.0	13.0	10.0	12.0	77.0	72.0	74.0	35.0	22.0	32.0	300	0	0	0.00	48.0	45.0	46.0	35.0	22.0	32.0	0	0	0	0.00
4/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	72.0	75.0	34.0	31.0	32.0	300	0	0	0.00	49.0	45.0	47.0	34.0	31.0	32.0	0	0	0	0.00
4/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	73.0	76.0	31.0	30.0	30.0	300	0	0	0.00	49.0	46.0	47.0	31.0	30.0	30.0	0	0	0	0.00
4/5/1997	0.0	0.0	0.0	14.0	13.0	13.0	78.0	72.0	75.0	30.0	30.0	30.0	300	0	0	0.00	49.0	45.0	47.0	30.0	29.0	30.0	0	0	0	0.00
4/7/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	72.0	75.0	38.0	30.0	32.0	300	0	0	0.00	49.0	45.0	47.0	38.0	30.0	32.0	0	0	0	0.00
4/8/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	73.0	76.0	35.0	31.0	31.0	300	0	0	0.00	76.0	46.0	64.0	35.0	31.0	32.0	0	0	0	0.00
4/9/1997	0.0	0.0	0.0	13.0	8.0	12.0	79.0	73.0	75.0	39.0	20.0	29.0	300	0	0	0.00	74.0	71.0	72.0	40.0	21.0	29.0	0	0	0	0.00
4/10/1997	0.0	0.0	0.0	12.0	12.0	12.0	73.0	72.0	73.0	40.0	31.0	33.0	300	0	0	0.00	72.0	58.0	70.0	41.0	31.0	33.0	0	0	0	0.00
4/11/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/12/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/13/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/14/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/15/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/16/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/17/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/18/1997	0.0	0.0	0.0	14.0	12.0	13.0	75.0	70.0	74.0	34.0	30.0	31.0	300	0	0	0.00	72.0	66.0	69.0	34.0	30.0	31.0	0	0	0	0.00
4/19/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	68.0	72.0	40.0	31.0	32.0	300	0	0	0.00	83.0	66.0	77.0	42.0	31.0	32.0	0	0	0	0.00
4/20/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	69.0	73.0	38.0	30.0	31.0	1104	0	0	0.00	82.0	75.0	78.0	39.0	30.0	31.0	0	0	0	0.00
4/21/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	74.0	39.0	30.0	31.0	1041	0	0	0.00	81.0	74.0	77.0	39.0	30.0	31.0	0	0	0	0.00
4/22/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	72.0	76.0	35.0	30.0	32.0	300	0	0	0.00	82.0	75.0	78.0	35.0	30.0	32.0	0	0	0	0.00
4/23/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	73.0	76.0	37.0	30.0	32.0	300	0	0	0.00	82.0	76.0	79.0	38.0	30.0	32.0	0	0	0	0.00

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max
4/24/1997	0.0	0.0	0.0	13.0	9.0	12.0	78.0	71.0	74.0	33.0	30.0	31.0	0	0	0	0.00	81.0	74.0	77.0	33.0	30.0	31.0	0	0	0	0.00	0
4/25/1997	0.0	0.0	0.0	13.0	12.0	12.0	75.0	72.0	73.0	36.0	30.0	31.0	0	0	0	0.00	77.0	75.0	76.0	36.0	30.0	31.0	0	0	0	0.00	0
4/26/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	74.0	74.0	30.0	30.0	30.0	0	0	0	0.00	75.0	75.0	75.0	30.0	30.0	30.0	0	0	0	0.00	0
4/27/1997	0.0	0.0	0.0	14.0	13.0	13.0	77.0	74.0	75.0	43.0	30.0	33.0	0	0	0	0.00	78.0	74.0	76.0	44.0	30.0	33.0	0	0	0	0.00	0
4/28/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	73.0	75.0	47.0	30.0	33.0	0	0	0	0.00	80.0	74.0	77.0	49.0	30.0	34.0	0	0	0	0.00	0
4/29/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	71.0	75.0	42.0	30.0	34.0	0	0	0	0.00	78.0	72.0	75.0	39.0	30.0	31.0	0	0	0	0.00	0
5/1/1997	0.0	0.0	0.0	13.0	9.0	12.0	81.0	73.0	76.0	40.0	31.0	33.0	0	0	0	0.00	80.0	71.0	75.0	44.0	30.0	34.0	0	0	0	0.00	0
5/2/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	73.0	75.0	32.0	30.0	31.0	0	0	0	0.00	81.0	72.0	75.0	41.0	31.0	33.0	0	0	0	0.00	0
5/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	72.0	75.0	32.0	30.0	31.0	0	0	0	0.00	79.0	72.0	76.0	32.0	30.0	31.0	0	0	0	0.00	0
5/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	70.0	73.0	32.0	30.0	30.0	0	0	0	0.00	79.0	74.0	76.0	32.0	30.0	30.0	0	0	0	0.00	0
5/5/1997	0.0	0.0	0.0	13.0	12.0	12.0	74.0	68.0	72.0	39.0	30.0	32.0	0	0	0	0.00	78.0	72.0	74.0	32.0	30.0	30.0	0	0	0	0.00	0
5/6/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	70.0	72.0	38.0	30.0	31.0	0	0	0	0.00	80.0	71.0	77.0	38.0	30.0	32.0	0	0	0	0.00	0
5/7/1997	0.0	0.0	0.0	14.0	12.0	13.0	75.0	69.0	72.0	37.0	30.0	31.0	0	0	0	0.00	80.0	74.0	77.0	37.0	30.0	31.0	0	0	0	0.00	0
5/8/1997	0.0	0.0	0.0	13.0	7.0	12.0	74.0	68.0	71.0	31.0	27.0	30.0	0	0	0	0.00	78.0	73.0	76.0	36.0	30.0	31.0	0	0	0	0.00	0
5/9/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	68.0	71.0	32.0	30.0	31.0	0	0	0	0.00	79.0	74.0	76.0	31.0	26.0	30.0	0	0	0	0.00	0
5/10/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	69.0	72.0	32.0	30.0	30.0	0	0	0	0.00	81.0	74.0	77.0	32.0	30.0	31.0	0	0	0	0.00	0
5/11/1997	0.0	0.0	0.0	12.0	12.0	12.0	70.0	68.0	69.0	30.0	21.0	28.0	0	0	0	0.00	79.0	73.0	76.0	31.0	30.0	30.0	0	0	0	0.00	0
5/12/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	73.0	40.0	66.0	30.0	21.0	28.0	0	0	0	0.00	0
5/13/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0
5/14/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	71.0	75.0	31.0	31.0	31.0	0	0	0	0.00	80.0	72.0	76.0	31.0	30.0	31.0	0	0	0	0.00	0
5/15/1997	0.0	0.0	0.0	13.0	7.0	12.0	79.0	70.0	74.0	34.0	27.0	31.0	0	0	0	0.00	78.0	70.0	75.0	34.0	26.0	31.0	0	0	0	0.00	0
5/16/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	71.0	73.0	32.0	30.0	31.0	0	0	0	0.00	77.0	72.0	74.0	31.0	30.0	31.0	0	0	0	0.00	0
5/17/1997	0.0	0.0	0.0	13.0	12.0	13.0	74.0	71.0	72.0	33.0	30.0	31.0	0	0	0	0.00	74.0	71.0	72.0	33.0	30.0	31.0	0	0	0	0.00	0
5/18/1997	0.0	0.0	0.0	14.0	13.0	13.0	76.0	71.0	73.0	34.0	30.0	31.0	0	0	0	0.00	74.0	69.0	71.0	34.0	30.0	31.0	0	0	0	0.00	0
5/19/1997	0.0	0.0	0.0	14.0	13.0	13.0	77.0	70.0	73.0	43.0	31.0	33.0	0	0	0	0.00	78.0	71.0	74.0	42.0	31.0	33.0	0	0	0	0.00	0
5/20/1997	0.0	0.0	0.0	14.0	13.0	13.0	77.0	71.0	73.0	40.0	31.0	32.0	0	0	0	0.00	79.0	72.0	75.0	38.0	31.0	32.0	0	0	0	0.00	0
5/21/1997	0.0	0.0	0.0	14.0	13.0	13.0	78.0	71.0	73.0	32.0	31.0	31.0	0	0	0	0.00	78.0	72.0	75.0	38.0	31.0	32.0	0	0	0	0.00	0
5/22/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	73.0	37.0	28.0	31.0	0	0	0	0.00	78.0	46.0	72.0	36.0	28.0	31.0	0	0	0	0.00	0
5/23/1997	0.0	0.0	0.0	13.0	12.0	12.0	74.0	70.0	72.0	30.0	30.0	30.0	0	0	0	0.00	75.0	72.0	73.0	30.0	30.0	30.0	0	0	0	0.00	0
5/24/1997	0.0	0.0	0.0	14.0	12.0	13.0	75.0	70.0	72.0	32.0	30.0	30.0	0	0	0	0.00	75.0	71.0	73.0	32.0	30.0	30.0	0	0	0	0.00	0
5/25/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	70.0	73.0	34.0	29.0	31.0	0	0	0	0.00	76.0	69.0	72.0	34.0	29.0	31.0	0	0	0	0.00	0
5/26/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	73.0	32.0	31.0	32.0	0	0	0	0.00	78.0	71.0	73.0	32.0	31.0	31.0	0	0	0	0.00	0
5/27/1997	0.0	0.0	0.0	15.0	12.0	13.0	80.0	71.0	75.0	34.0	30.0	32.0	0	0	0	0.00	78.0	70.0	73.0	32.0	31.0	31.0	0	0	0	0.00	0
5/28/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	74.0	32.0	31.0	31.0	0	0	0	0.00	78.0	70.0	73.0	34.0	30.0	31.0	0	0	0	0.00	0
5/29/1997	0.0	0.0	0.0	13.0	11.0	12.0	75.0	74.0	74.0	34.0	30.0	31.0	0	0	0	0.00	77.0	70.0	72.0	32.0	31.0	31.0	0	0	0	0.00	0
5/30/1997	0.0	0.0	0.0	13.0	12.0	13.0	80.0	75.0	78.0	31.0	30.0	31.0	0	0	0	0.00	71.0	46.0	68.0	34.0	30.0	31.0	0	0	0	0.00	0
5/31/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	73.0	76.0	30.0	30.0	30.0	0	0	0	0.00	74.0	71.0	72.0	31.0	30.0	31.0	0	0	0	0.00	0
6/1/1997	0.0	0.0	0.0	13.0	12.0	13.0	78.0	72.0	75.0	33.0	30.0	31.0	0	0	0	0.00	74.0	69.0	71.0	30.0	30.0	30.0	0	0	0	0.00	0
6/2/1997	0.0	0.0	0.0	13.0	12.0	13.0	79.0	73.0	76.0	31.0	31.0	31.0	0	0	0	0.00	73.0	67.0	70.0	33.0	30.0	31.0	0	0	0	0.00	0
6/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	73.0	75.0	33.0	30.0	31.0	0	0	0	0.00	74.0	69.0	71.0	31.0	31.0	31.0	0	0	0	0.00	0
6/4/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	73.0	76.0	31.0	31.0	31.0	0	0	0	0.00	76.0	66.0	71.0	33.0	30.0	31.0	0	0	0	0.00	0
6/5/1997	0.0	0.0	0.0	14.0	13.0	13.0	81.0	74.0	76.0	32.0	31.0	31.0	0	0	0	0.00	73.0	67.0	70.0	31.0	31.0	31.0	0	0	0	0.00	0
6/6/1997	0.0	0.0	0.0	13.0	6.0	12.0	80.0	73.0	76.0	32.0	29.0	31.0	0	0	0	0.00	72.0	47.0	67.0	32.0	31.0	31.0	0	0	0	0.00	0
6/7/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	72.0	76.0	32.0	31.0	31.0	0	0	0	0.00	74.0	66.0	70.0	32.0	29.0	31.0	0	0	0	0.00	0
6/8/1997	0.0	0.0	0.0	13.0	12.0	12.0	75.0	73.0	74.0	33.0	31.0	31.0	0	0	0	0.00	74.0	67.0	70.0	32.0	31.0	31.0	0	0	0	0.00	0
6/9/1997	0.0	0.0	0.0	13.0	12.0	12.0	75.0	73.0	74.0	33.0	30.0	31.0	0	0	0	0.00	69.0	66.0	68.0	33.0	31.0	31.0	0	0	0	0.00	0
6/10/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	73.0	76.0	32.0	30.0	31.0	0	0	0	0.00	72.0	47.0	68.0	32.0	30.0	31.0	0	0	0	0.00	0
6/11/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0
6/12/1997	0.0	0.0	0.0	13.0	13.0	13.0	80.0	75.0	76.0	33.0	30.0	31.0	0	0	0	0.00	70.0	49.0	66.0	34.0	30.0	31.0	0	0	0	0.00	0
6/13/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MG)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max
1/22/1996	0.0	0.0	0.0	14.0	12.0	13.0	80.0	73.0	75.0	36.0	32.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	56.0	58.0	36.0	32.0	35.0	0.0	0.0	0.0
1/23/1996	0.0	0.0	0.0	14.0	13.0	13.0	79.0	71.0	74.0	36.0	32.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	57.0	59.0	36.0	32.0	35.0	0.0	0.0	0.0
1/24/1996	0.0	0.0	0.0	14.0	13.0	13.0	78.0	71.0	73.0	37.0	28.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	57.0	59.0	37.0	28.0	34.0	0.0	0.0	0.0
1/25/1996	0.0	0.0	0.0	14.0	9.0	13.0	74.0	67.0	70.0	38.0	31.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	57.0	59.0	38.0	31.0	34.0	0.0	0.0	0.0
1/26/1996	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	38.0	31.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	57.0	58.0	38.0	31.0	34.0	0.0	0.0	0.0
1/29/1996	0.0	0.0	0.0	15.0	12.0	13.0	80.0	72.0	75.0	38.0	30.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	56.0	58.0	38.0	30.0	35.0	0.0	0.0	0.0
1/30/1996	0.0	0.0	0.0	14.0	12.0	13.0	75.0	71.0	73.0	37.0	35.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	56.0	59.0	36.0	35.0	34.0	0.0	0.0	0.0
1/31/1996	0.00	0.00	0.00	14.0	12.0	13.0	76.0	69.0	72.0	38.5	33.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	59.0	56.0	57.0	37.0	35.0	36.0	0.0	0.0	0.0
1/32/1996	1.29	0.00	0.08	14.0	12.0	13.0	74.0	68.0	72.0	38.5	33.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	56.0	59.0	38.0	32.0	35.0	0.0	0.0	0.0
1/33/1996	0.10	0.00	0.02	13.0	8.0	12.0	72.0	59.0	68.0	44.0	32.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	57.0	59.0	37.0	31.0	35.0	0.0	0.0	0.0
1/34/1996	0.07	0.00	0.01	14.0	13.0	13.0	72.0	49.0	66.0	44.0	31.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	57.0	59.0	42.0	32.0	37.0	0.0	0.0	0.0
1/35/1996	0.04	0.00	0.00	14.0	13.0	13.0	70.0	64.0	67.0	38.0	31.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	57.0	59.0	43.0	31.0	36.0	0.0	0.0	0.0
1/36/1996	0.01	0.00	0.00	14.0	12.0	13.0	69.0	64.0	66.0	36.0	35.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	57.0	59.0	37.0	31.0	34.0	0.0	0.0	0.0
1/37/1996	0.15	0.00	0.03	14.0	13.0	13.0	69.0	63.0	66.0	36.0	35.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	57.0	59.0	35.0	35.0	35.0	0.0	0.0	0.0
1/38/1996	0.16	0.00	0.02	14.0	13.0	13.0	68.0	59.0	64.0	38.0	33.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	57.0	59.0	35.0	35.0	35.0	0.0	0.0	0.0
1/39/1996	0.06	0.00	0.00	14.0	13.0	13.0	66.0	47.0	60.0	41.0	33.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	58.0	60.0	37.0	32.0	34.0	0.0	0.0	0.0
1/40/1996	0.16	0.00	0.02	14.0	9.0	13.0	65.0	58.0	62.0	38.0	29.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	56.0	59.0	40.0	33.0	34.0	0.0	0.0	0.0
1/41/1996	0.03	0.00	0.00	13.0	12.0	13.0	65.0	59.0	61.0	38.0	31.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	56.0	59.0	37.0	29.0	34.0	0.0	0.0	0.0
1/42/1996	0.12	0.00	0.01	14.0	12.0	13.0	64.0	57.0	60.0	39.0	33.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	57.0	59.0	37.0	31.0	34.0	0.0	0.0	0.0
1/43/1996	0.01	0.00	0.00	14.0	12.0	13.0	63.0	56.0	59.0	37.0	36.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	57.0	59.0	38.0	33.0	35.0	0.0	0.0	0.0
1/44/1996	0.01	0.00	0.00	14.0	12.0	13.0	63.0	56.0	59.0	40.0	36.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	56.0	58.0	36.0	35.0	35.0	0.0	0.0	0.0
1/45/1996	0.00	0.00	0.00	14.0	12.0	13.0	62.0	56.0	58.0	38.0	33.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	56.0	59.0	39.0	35.0	36.0	0.0	0.0	0.0
1/46/1996	0.00	0.00	0.00	14.0	12.0	13.0	59.0	30.0	46.0	38.0	33.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	57.0	59.0	37.0	32.0	35.0	0.0	0.0	0.0
1/47/1996	0.01	0.00	0.00	13.0	5.0	12.0	60.0	30.0	52.0	37.0	31.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	57.0	58.0	37.0	32.0	35.0	0.0	0.0	0.0
1/48/1996	0.00	0.00	0.00	14.0	13.0	13.0	59.0	56.0	56.0	39.0	31.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	57.0	58.0	36.0	31.0	34.0	0.0	0.0	0.0
1/49/1996	0.01	0.00	0.00	14.0	13.0	14.0	58.0	53.0	56.0	39.0	31.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	57.0	58.0	38.0	31.0	34.0	0.0	0.0	0.0
1/20/1996	0.27	0.00	0.02	15.0	13.0	13.0	60.0	53.0	56.0	37.0	36.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	57.0	59.0	38.0	30.0	34.0	0.0	0.0	0.0
1/21/1996	0.37	0.00	0.05	15.0	12.0	13.0	68.0	54.0	62.0	37.0	37.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	56.0	59.0	36.0	36.0	36.0	0.0	0.0	0.0
1/22/1996	0.24	0.00	0.04	14.0	12.0	13.0	67.0	60.0	63.0	39.0	34.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	57.0	60.0	36.0	36.0	36.0	0.0	0.0	0.0
1/23/1996	0.21	0.00	0.02	14.0	12.0	13.0	66.0	59.0	62.0	40.0	33.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	57.0	60.0	38.0	33.0	35.0	0.0	0.0	0.0
1/24/1996	0.17	0.00	0.00	14.0	12.0	13.0	65.0	59.0	62.0	40.0	33.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	56.0	59.0	39.0	33.0	35.0	0.0	0.0	0.0
1/25/1996	0.00	0.00	0.00	14.0	12.0	13.0	64.0	58.0	60.0	39.0	31.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	56.0	58.0	39.0	33.0	35.0	0.0	0.0	0.0
1/26/1996	0.00	0.00	0.00	13.0	7.0	12.0	58.0	48.0	54.0	41.0	29.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	57.0	59.0	38.0	31.0	35.0	0.0	0.0	0.0
1/27/1996	0.00	0.00	0.00	14.0	13.0	14.0	51.0	45.0	48.0	37.0	37.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	56.0	58.0	40.0	27.0	34.0	0.0	0.0	0.0
1/28/1996	0.00	0.00	0.00	14.0	13.0	14.0	61.0	45.0	54.0	37.0	37.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	56.0	58.0	37.0	36.0	36.0	0.0	0.0	0.0
1/29/1996	0.00	0.00	0.00	14.0	13.0	14.0	60.0	49.0	57.0	38.0	33.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	57.0	59.0	36.0	36.0	36.0	0.0	0.0	0.0
1/30/1996	0.00	0.00	0.00	14.0	13.0	14.0	63.0	52.0	60.0	41.0	33.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	57.0	59.0	38.0	33.0	36.0	0.0	0.0	0.0
1/31/1996	0.00	0.00	0.00	14.0	9.0	13.0	65.0	60.0	61.0	37.0	27.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	57.0	59.0	40.0	33.0	35.0	0.0	0.0	0.0
2/1/1996	0.0	0.0	0.0	14.0	12.5	13.0	64.7	58.6	60.7	42.4	31.5	35.3	0.0	0.0	0.0	0.0	0.0	0.0	61.0	56.0	58.0	37.0	27.0	35.0	0.0	0.0	0.0
2/2/1996	0.1	0.0	0.0	14.2	12.5	13.1	64.5	57.9	60.0	39.4	30.3	35.1	0.0	0.0	0.0	0.0	0.0	0.0	60.0	55.6	57.2	41.1	31.4	34.8	0.0	0.0	0.0
2/3/1996	0.0	0.0	0.0	14.0	12.5	13.2	61.4	57.5	59.2	38.0	36.9	37.3	0.0	0.0	0.0	0.0	0.0	0.0	61.1	55.7	57.7	38.4	30.2	34.7	0.0	0.0	0.0
2/4/1996	0.0	0.0	0.0	14.4	12.9	13.6	63.2	57.5	59.8	37.4	36.8	37.2	0.0	0.0	0.0	0.0	0.0	0.0	59.4	55.8	57.3	37.3	36.3	36.7	0.0	0.0	0.0
2/5/1996	0.0	0.0	0.0	14.3	13.1	13.6	61.9	56.9	58.9	42.6	33.6	36.0	0.0	0.0	0.0	0.0	0.0	0.0	60.6	55.9	58.0	36.8	36.3	36.6	0.0	0.0	0.0
2/6/1996	0.0	0.0	0.0	14.2	12.5	13.4	65.3	56.0	61.0	38.2	31.5	35.0	0.0	0.0	0.0	0.0	0.0	0.0	60.9	56.5	58.3	41.3	32.2	35.5	0.0	0.0	0.0
2/7/1996	0.1	0.0	0.0	14.4	12.9	13.5	65.5	58.7	61.6	40.6	32.3	35.4	0.0	0.0	0.0	0.0	0.0	0.0	60.3	55.4	57.6	37.5	31.3	34.7	0.0	0.0	0.0
2/8/1996	0.0	0.0	0.0	13.9	6.0	12.4	62.9	58.0	60.1	39.2	25.9	34.7	0.0	0.0	0.0	0.0	0.0	0.0	61.0	56.1	57.9	39.6	32.1	34.9	0.0	0.0	0.0
2/9/1996	0.0	0.0	0.0	13.6	12.1	12.6	69.9	62.5	65.9	37.5	32.4	35.9	0.0	0.0	0.0	0.0	0.0	0.0	60.4	55.0	57.1	38.3	25.7	34.2	0.0	0.0	0.0
2/10/1996	0.1	0.0	0.0	14.1	12.3	1																					

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min
1/12/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	73.0	75.0	31.0	31.0	31.0	50	0	0	0.00	45.0	43.0	44.0	31.0	31.0	31.0	0	0	0	0	0	0.00
1/13/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	74.0	75.0	34.0	31.0	32.0	50	0	0	0.00	45.0	43.0	44.0	34.0	31.0	32.0	0	0	0	0	0	0.00
1/14/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	74.0	75.0	34.0	31.0	32.0	50	0	0	0.00	44.0	43.0	44.0	35.0	31.0	32.0	0	0	0	0	0	0.00
1/15/1997	0.0	0.0	0.0	13.0	7.0	12.0	78.0	62.0	75.0	34.0	31.0	32.0	50	0	0	0.00	56.0	44.0	45.0	35.0	31.0	32.0	0	0	0	0	0	0.00
1/16/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0.00
1/17/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0.00
1/18/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0.00
1/19/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0.00
1/20/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0.00
1/21/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0.00
1/22/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0.00
1/23/1997	0.0	0.0	0.0	13.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0.00
1/24/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	70.0	75.0	31.0	31.0	31.0	0	0	0	0.00	48.0	42.0	45.0	31.0	31.0	31.0	0	0	0	0	0	0.00
1/25/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	74.0	34.0	31.0	31.0	0	0	0	0.00	47.0	42.0	44.0	34.0	31.0	31.0	0	0	0	0	0	0.00
1/26/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	72.0	74.0	34.0	31.0	32.0	0	0	0	0.00	47.0	43.0	44.0	35.0	31.0	33.0	0	0	0	0	0	0.00
1/27/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	71.0	74.0	32.0	31.0	31.0	0	0	0	0.00	47.0	42.0	44.0	32.0	31.0	31.0	0	0	0	0	0	0.00
1/28/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	72.0	75.0	34.0	31.0	32.0	0	0	0	0.00	46.0	42.0	44.0	34.0	31.0	32.0	0	0	0	0	0	0.00
1/29/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	72.0	76.0	35.0	31.0	32.0	0	0	0	0.00	48.0	43.0	45.0	34.0	31.0	32.0	0	0	0	0	0	0.00
1/30/1997	0.0	0.0	0.0	14.0	7.0	12.0	80.0	71.0	75.0	32.0	16.0	24.0	0	0	0	0.00	49.0	43.0	46.0	35.0	31.0	32.0	0	0	0	0	0	0.00
1/31/1997	0.0	0.0	0.0	14.0	12.0	13.0	74.0	68.0	71.0	21.0	17.0	19.0	0	0	0	0.00	44.0	40.0	42.0	21.0	18.0	19.0	0	0	0	0	0	0.00
2/1/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	68.0	71.0	24.0	20.0	22.0	0	0	0	0.00	47.0	40.0	43.0	24.0	20.0	22.0	0	0	0	0	0	0.00
2/2/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	67.0	71.0	27.0	23.0	25.0	0	0	0	0.00	47.0	40.0	43.0	27.0	23.0	25.0	0	0	0	0	0	0.00
2/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	68.0	73.0	34.0	27.0	31.0	0	0	0	0.00	47.0	41.0	44.0	35.0	27.0	31.0	0	0	0	0	0	0.00
2/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	75.0	34.0	31.0	32.0	0	0	0	0.00	50.0	43.0	45.0	34.0	31.0	32.0	0	0	0	0	0	0.00
2/5/1997	0.0	0.0	0.0	13.0	10.0	12.0	79.0	73.0	75.0	34.0	31.0	32.0	0	0	0	0.00	48.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0	0	0.00
2/6/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	71.0	74.0	32.0	31.0	31.0	0	0	0	0.00	49.0	44.0	45.0	32.0	31.0	31.0	0	0	0	0	0	0.00
2/7/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	73.0	31.0	31.0	31.0	0	0	0	0.00	48.0	43.0	45.0	31.0	31.0	31.0	0	0	0	0	0	0.00
2/8/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	73.0	31.0	31.0	31.0	0	0	0	0.00	49.0	43.0	45.0	31.0	31.0	31.0	0	0	0	0	0	0.00
2/9/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	71.0	73.0	31.0	31.0	31.0	0	0	0	0.00	48.0	44.0	45.0	31.0	30.0	31.0	0	0	0	0	0	0.00
2/10/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	35.0	31.0	32.0	0	0	0	0.00	48.0	43.0	45.0	35.0	31.0	32.0	0	0	0	0	0	0.00
2/11/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	34.0	31.0	32.0	0	0	0	0.00	48.0	43.0	45.0	35.0	31.0	32.0	0	0	0	0	0	0.00
2/12/1997	0.0	0.0	0.0	14.0	10.0	12.0	79.0	71.0	74.0	34.0	31.0	32.0	0	0	0	0.00	51.0	42.0	45.0	35.0	31.0	32.0	0	0	0	0	0	0.00
2/13/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	72.0	75.0	32.0	31.0	31.0	0	0	0	0.00	48.0	44.0	46.0	32.0	31.0	31.0	0	0	0	0	0	0.00
2/14/1997	0.0	0.0	0.0	14.0	13.0	13.0	76.0	72.0	74.0	31.0	31.0	31.0	0	0	0	0.00	47.0	45.0	46.0	31.0	31.0	31.0	0	0	0	0	0	0.00
2/15/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	67.0	73.0	31.0	25.0	30.0	0	0	0	0.00	54.0	43.0	46.0	31.0	25.0	30.0	0	0	0	0	0	0.00
2/16/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	72.0	32.0	29.0	30.0	0	0	0	0.00	48.0	42.0	44.0	32.0	29.0	30.0	0	0	0	0	0	0.00
2/17/1997	0.0	0.0	0.0	13.0	12.0	13.0	75.0	71.0	73.0	34.0	31.0	32.0	0	0	0	0.00	45.0	43.0	44.0	35.0	31.0	32.0	0	0	0	0	0	0.00
2/18/1997	0.0	0.0	0.0	13.0	12.0	13.0	74.0	72.0	73.0	32.0	31.0	31.0	0	0	0	0.00	45.0	44.0	44.0	32.0	31.0	31.0	0	0	0	0	0	0.00
2/19/1997	0.0	0.0	0.0	13.0	8.0	12.0	78.0	72.0	75.0	35.0	31.0	32.0	0	0	0	0.00	47.0	44.0	45.0	35.0	31.0	32.0	0	0	0	0	0	0.00
2/20/1997	0.0	0.0	0.0	13.0	7.0	12.0	78.0	73.0	74.0	32.0	17.0	28.0	0	0	0	0.00	47.0	44.0	45.0	32.0	17.0	28.0	0	0	0	0	0	0.00
2/21/1997	0.0	0.0	0.0	13.0	12.0	12.0	77.0	71.0	73.0	29.0	26.0	27.0	0	0	0	0.00	47.0	43.0	45.0	29.0	26.0	27.0	0	0	0	0	0	0.00
2/22/1997	0.0	0.0	0.0	13.0	12.0	12.0	76.0	71.0	73.0	30.0	28.0	29.0	0	0	0	0.00	47.0	43.0	45.0	30.0	28.0	29.0	0	0	0	0	0	0.00
2/23/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	72.0	30.0	29.0	30.0	0	0	0	0.00	49.0	43.0	45.0	30.0	29.0	30.0	0	0	0	0	0	0.00
2/24/1997	0.0	0.0	0.0	13.0	12.0	13.0	78.0	70.0	74.0	35.0	30.0	32.0	0	0	0	0.00	46.0	43.0	44.0	35.0	30.0	32.0	0	0	0	0	0	0.00
2/25/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	72.0	75.0	35.0	31.0	32.0	0	0	0	0.00	49.0	44.0	46.0	36.0	31.0	32.0	0	0	0	0	0	0.00
2/26/1997	0.0	0.0	0.0	13.0	8.0	12.0	79.0	72.0	75.0	35.0	31.0	32.0	0	0	0	0.00	48.0	45.0	46.0	34.0	31.0	31.0	0	0	0	0	0	0.00
2/27/1997	0.0	0.0	0.0	13.0	12.0	13.0	77.0	72.0	74.0	31.0	29.0	30.0	0	0	0	0.00	48.0	45.0	46.0	31.0	29.0	30.0	0	0	0	0	0	0.00
2/28/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	72.0	73.0	29.0	28.0	29.0	0	0	0	0.00	47.0	44.0	45.0	29.0	28.0	29.0	0	0	0	0	0	0.00
2/29/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	71.0	73.0	28.0	28.0	28.0	0	0	0	0.00	47.0	43.0	45.0	28.0	28.0	28.0	0	0	0	0	0	0.00
3/1/1997	0.0	0.0	0.0	14.0																								

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
3/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	73.0	76.0	35.0	31.0	32.0	345	0	0	0.00	49.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0.00
3/5/1997	0.0	0.0	0.0	13.0	7.0	12.0	80.0	73.0	76.0	35.0	31.0	32.0	320	0	0	0.00	49.0	45.0	47.0	35.0	31.0	32.0	0	0	0	0.00
3/6/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	71.0	75.0	32.0	31.0	31.0	300	0	0	0.00	50.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/7/1997	0.0	0.0	0.0	13.0	12.0	13.0	74.0	71.0	72.0	32.0	31.0	31.0	315	0	0	0.00	46.0	44.0	45.0	32.0	31.0	31.0	0	0	0	0.00
3/8/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	71.0	73.0	32.0	30.0	31.0	300	0	0	0.00	47.0	44.0	45.0	31.0	30.0	31.0	0	0	0	0.00
3/9/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	71.0	73.0	31.0	30.0	31.0	340	0	0	0.00	47.0	44.0	45.0	31.0	30.0	31.0	0	0	0	0.00
3/10/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	69.0	75.0	35.0	30.0	32.0	300	0	0	0.00	48.0	43.0	45.0	35.0	30.0	32.0	0	0	0	0.00
3/11/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	73.0	76.0	34.0	31.0	32.0	350	0	0	0.00	49.0	44.0	46.0	34.0	31.0	32.0	0	0	0	0.00
3/12/1997	0.0	0.0	0.0	13.0	8.0	12.0	81.0	72.0	76.0	35.0	31.0	32.0	300	0	0	0.00	51.0	44.0	47.0	35.0	31.0	32.0	0	0	0	0.00
3/13/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	73.0	75.0	32.0	31.0	31.0	300	0	0	0.00	49.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/14/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	71.0	72.0	32.0	31.0	31.0	300	0	0	0.00	48.0	44.0	45.0	32.0	31.0	31.0	0	0	0	0.00
3/15/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	70.0	72.0	32.0	31.0	31.0	300	0	0	0.00	49.0	44.0	46.0	32.0	31.0	31.0	0	0	0	0.00
3/16/1997	0.0	0.0	0.0	14.0	12.0	13.0	75.0	69.0	72.0	32.0	31.0	31.0	300	0	0	0.00	48.0	43.0	45.0	32.0	31.0	31.0	0	0	0	0.00
3/17/1997	0.0	0.0	0.0	13.0	12.0	13.0	78.0	69.0	74.0	35.0	31.0	32.0	300	0	0	0.00	47.0	43.0	45.0	36.0	31.0	32.0	0	0	0	0.00
3/18/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	73.0	75.0	35.0	31.0	32.0	300	0	0	0.00	48.0	45.0	46.0	35.0	31.0	32.0	0	0	0	0.00
3/19/1997	0.0	0.0	0.0	13.0	9.0	12.0	80.0	72.0	75.0	35.0	31.0	32.0	310	0	0	0.00	50.0	45.0	47.0	36.0	31.0	32.0	0	0	0	0.00
3/20/1997	0.0	0.0	0.0	13.0	5.0	12.0	79.0	72.0	75.0	31.0	21.0	25.0	300	0	0	0.00	49.0	44.0	46.0	31.0	21.0	25.0	0	0	0	0.00
3/21/1997	0.0	0.0	0.0	13.0	12.0	13.0	75.0	70.0	72.0	26.0	21.0	24.0	300	0	0	0.00	46.0	43.0	44.0	26.0	21.0	24.0	0	0	0	0.00
3/22/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	69.0	72.0	30.0	25.0	28.0	300	0	0	0.00	48.0	43.0	45.0	30.0	25.0	28.0	0	0	0	0.00
3/23/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	68.0	72.0	31.0	30.0	30.0	300	0	0	0.00	48.0	43.0	45.0	31.0	30.0	30.0	0	0	0	0.00
3/24/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	74.0	35.0	31.0	32.0	300	0	0	0.00	48.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0.00
3/25/1997	0.0	0.0	0.0	13.0	6.0	13.0	79.0	73.0	75.0	36.0	31.0	32.0	300	0	0	0.00	49.0	45.0	47.0	37.0	31.0	33.0	0	0	0	0.00
3/26/1997	0.0	0.0	0.0	13.0	12.0	12.0	79.0	73.0	75.0	35.0	31.0	32.0	300	0	0	0.00	50.0	45.0	47.0	35.0	31.0	32.0	0	0	0	0.00
3/27/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	72.0	75.0	32.0	31.0	31.0	300	0	0	0.00	51.0	46.0	48.0	32.0	31.0	31.0	0	0	0	0.00
3/28/1997	0.0	0.0	0.0	13.0	12.0	12.0	77.0	71.0	74.0	32.0	31.0	31.0	300	0	0	0.00	49.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/29/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	32.0	31.0	31.0	300	0	0	0.00	50.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/30/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	73.0	32.0	31.0	31.0	300	0	0	0.00	50.0	44.0	46.0	32.0	31.0	31.0	0	0	0	0.00
3/31/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	69.0	74.0	34.0	31.0	32.0	300	0	0	0.00	48.0	44.0	46.0	34.0	31.0	32.0	0	0	0	0.00
4/1/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	75.0	34.0	31.0	32.0	300	0	0	0.00	50.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0.00
4/2/1997	0.0	0.0	0.0	13.0	10.0	12.0	77.0	72.0	74.0	35.0	22.0	32.0	300	0	0	0.00	48.0	45.0	46.0	35.0	22.0	32.0	0	0	0	0.00
4/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	72.0	75.0	34.0	31.0	32.0	300	0	0	0.00	49.0	45.0	47.0	34.0	31.0	32.0	0	0	0	0.00
4/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	73.0	76.0	31.0	30.0	30.0	300	0	0	0.00	49.0	46.0	47.0	31.0	30.0	30.0	0	0	0	0.00
4/5/1997	0.0	0.0	0.0	14.0	13.0	13.0	78.0	72.0	75.0	30.0	30.0	30.0	300	0	0	0.00	49.0	45.0	47.0	30.0	29.0	30.0	0	0	0	0.00
4/7/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	72.0	75.0	38.0	30.0	32.0	300	0	0	0.00	49.0	45.0	47.0	38.0	30.0	32.0	0	0	0	0.00
4/8/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	73.0	76.0	35.0	31.0	31.0	300	0	0	0.00	76.0	46.0	64.0	35.0	31.0	32.0	0	0	0	0.00
4/9/1997	0.0	0.0	0.0	13.0	8.0	12.0	79.0	73.0	75.0	39.0	20.0	29.0	300	0	0	0.00	74.0	71.0	72.0	40.0	21.0	29.0	0	0	0	0.00
4/10/1997	0.0	0.0	0.0	12.0	12.0	12.0	73.0	72.0	73.0	40.0	31.0	33.0	300	0	0	0.00	72.0	58.0	70.0	41.0	31.0	33.0	0	0	0	0.00
4/11/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/12/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/13/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/14/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/15/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/16/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/17/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/18/1997	0.0	0.0	0.0	14.0	12.0	13.0	75.0	70.0	74.0	34.0	30.0	31.0	300	0	0	0.00	72.0	66.0	69.0	34.0	30.0	31.0	0	0	0	0.00
4/19/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	68.0	72.0	40.0	31.0	32.0	300	0	0	0.00	83.0	66.0	77.0	42.0	31.0	32.0	0	0	0	0.00
4/20/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	69.0	73.0	38.0	30.0	31.0	1104	0	0	0.00	82.0	75.0	78.0	39.0	30.0	31.0	0	0	0	0.00
4/21/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	74.0	39.0	30.0	31.0	1041	0	0	0.00	81.0	74.0	77.0	39.0	30.0	31.0	0	0	0	0.00
4/22/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	72.0	76.0	35.0	30.0	32.0	300	0	0	0.00	82.0	75.0	78.0	35.0	30.0	32.0	0	0	0	0.00
4/23/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	73.0	76.0	37.0	30.0	32.0	300	0	0	0.00	82.0	76.0	79.0	38.0	30.0	32.0	0	0	0	0.00

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collector	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)						
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
6/14/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/16/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/18/1997	0.0	0.0	0.0	14.0	13.0	14.0	81.0	73.0	78.0	38.0	33.0	37.0	0.0	0.0	0.0	74.0	67.0	71.0	38.0	33.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/17/1997	0.0	0.0	0.0	14.0	13.0	14.0	81.0	74.0	76.0	39.0	38.0	38.0	0.0	0.0	0.0	73.0	67.0	69.0	38.0	38.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/19/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	72.0	76.0	39.0	38.0	38.0	0.0	0.0	0.0	73.0	65.0	69.0	38.0	38.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/19/1997	0.0	0.0	0.0	14.0	5.0	12.0	81.0	72.0	75.0	38.0	36.0	37.0	0.0	0.0	0.0	72.0	66.0	68.0	38.0	36.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/20/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	74.0	37.0	30.0	34.0	0.0	0.0	0.0	71.0	65.0	67.0	37.0	30.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/21/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	73.0	76.0	31.0	30.0	31.0	0.0	0.0	0.0	70.0	65.0	67.0	31.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/22/1997	0.0	0.0	0.0	13.0	12.0	13.0	74.0	70.0	73.0	31.0	31.0	31.0	0.0	0.0	0.0	65.0	44.0	61.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/23/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/24/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	74.0	78.0	32.0	31.0	31.0	0.0	0.0	0.0	70.0	65.0	68.0	32.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/25/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/26/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/27/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/28/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/29/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/30/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/1/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/1/1997	0.0	0.0	0.0	13.0	12.0	13.0	81.0	74.0	75.0	31.0	30.0	30.0	0.0	0.0	0.0	68.0	64.0	64.0	31.0	30.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/2/1997	0.0	0.0	0.0	13.0	12.0	13.0	79.0	74.0	76.0	31.0	30.0	30.0	0.0	0.0	0.0	65.0	62.0	63.0	31.0	30.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	73.0	76.0	31.0	27.0	30.0	0.0	0.0	0.0	69.0	60.0	64.0	31.0	27.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/4/1997	0.0	0.0	0.0	14.0	13.0	13.0	78.0	72.0	75.0	31.0	31.0	31.0	0.0	0.0	0.0	67.0	62.0	65.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/5/1997	0.0	0.0	0.0	14.0	13.0	13.0	81.0	73.0	76.0	31.0	30.0	31.0	0.0	0.0	0.0	69.0	60.0	64.0	31.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/6/1997	0.0	0.0	0.0	13.0	6.0	12.0	80.0	71.0	75.0	33.0	30.0	31.0	0.0	0.0	0.0	67.0	62.0	65.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/7/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	74.0	33.0	30.0	32.0	0.0	0.0	0.0	70.0	63.0	64.0	33.0	30.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/8/1997	0.0	0.0	0.0	13.0	12.0	12.0	77.0	73.0	75.0	34.0	30.0	31.0	0.0	0.0	0.0	68.0	63.0	64.0	34.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/9/1997	0.0	0.0	0.0	13.0	12.0	12.0	79.0	73.0	76.0	33.0	30.0	31.0	0.0	0.0	0.0	67.0	61.0	64.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/10/1997	0.0	0.0	0.0	14.0	13.0	13.0	78.0	74.0	76.0	33.0	29.0	30.0	0.0	0.0	0.0	65.0	62.0	63.0	33.0	29.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/11/1997	0.0	0.0	0.0	0.0	0.0	0.0	80.0	74.0	76.0	33.0	30.0	31.0	0.0	0.0	0.0	66.0	62.0	64.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/12/1997	0.0	0.0	0.0	13.0	13.0	13.0	80.0	73.0	75.0	32.0	30.0	31.0	0.0	0.0	0.0	67.0	61.0	64.0	32.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/13/1997	0.0	0.0	0.0	0.0	0.0	0.0	80.0	74.0	76.0	36.0	31.0	31.0	0.0	0.0	0.0	66.0	62.0	64.0	36.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/14/1997	0.0	0.0	0.0	0.0	0.0	0.0	80.0	74.0	76.0	32.0	30.0	31.0	0.0	0.0	0.0	66.0	61.0	63.0	32.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/15/1997	0.0	0.0	0.0	0.0	0.0	0.0	78.0	73.0	75.0	34.0	30.0	31.0	0.0	0.0	0.0	68.0	60.0	63.0	34.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/16/1997	0.0	0.0	0.0	14.0	13.0	14.0	79.0	73.0	76.0	32.0	30.0	31.0	0.0	0.0	0.0	65.0	62.0	63.0	32.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/17/1997	0.0	0.0	0.0	14.0	13.0	14.0	81.0	73.0	76.0	32.0	29.0	31.0	0.0	0.0	0.0	69.0	60.0	63.0	32.0	29.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/18/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	72.0	75.0	31.0	31.0	31.0	0.0	0.0	0.0	67.0	62.0	64.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/19/1997	0.0	0.0	0.0	14.0	5.0	12.0	81.0	72.0	76.0	31.0	30.0	31.0	0.0	0.0	0.0	70.0	63.0	65.0	31.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/20/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	71.0	75.0	33.0	30.0	31.0	0.0	0.0	0.0	68.0	63.0	64.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/21/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	71.0	74.0	33.0	30.0	32.0	0.0	0.0	0.0	67.0	61.0	64.0	33.0	30.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/22/1997	0.0	0.0	0.0	13.0	12.0	13.0	77.0	73.0	75.0	34.0	30.0	31.0	0.0	0.0	0.0	65.0	62.0	64.0	34.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/23/1997	0.0	0.0	0.0	0.0	0.0	0.0	79.0	73.0	76.0	33.0	30.0	31.0	0.0	0.0	0.0	67.0	62.0	64.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/24/1997	0.0	0.0	0.0	14.0	13.0	13.0	78.0	74.0	76.0	33.0	29.0	30.0	0.0	0.0	0.0	66.0	62.0	64.0	33.0	29.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/25/1997	0.0	0.0	0.0	0.0	0.0	0.0	80.0	74.0	76.0	33.0	30.0	31.0	0.0	0.0	0.0	67.0	62.0	64.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/26/1997	0.0	0.0	0.0	0.0	0.0	0.0	80.0	73.0	75.0	32.0	30.0	31.0	0.0	0.0	0.0	68.0	63.0	65.0	32.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/27/1997	0.0	0.0	0.0	0.0	0.0	0.0	80.0	74.0	76.0	36.0	31.0	31.0	0.0	0.0	0.0	68.0	62.0	65.0	36.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/28/1997	0.0	0.0	0.0	0.0	0.0	0.0	80.0	74.0	76.0	32.0	30.0	31.0	0.0	0.0	0.0</														

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				IW-2 Total (MGD)					
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max		Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min		Avg	Max	Min	Avg	
6/4/1997	0.0	0.0	0.0	14.0	13.0	13.0	82.0	73.0	76.0	32.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	59.0	62.0	32.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/7/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	74.0	76.0	31.0	30.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	60.0	63.0	31.0	30.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/8/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	74.0	76.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	73.0	61.0	63.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/9/1997	0.0	0.0	0.0	14.0	7.0	13.0	81.0	73.0	75.0	34.0	27.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	67.0	59.0	62.0	34.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/10/1997	0.0	0.0	0.0	14.0	13.0	13.0	81.0	73.0	76.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	67.0	60.0	62.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/11/1997	0.0	0.0	0.0	13.0	13.0	13.0	80.0	73.0	75.0	31.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	59.0	60.0	32.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/13/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	73.0	76.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	58.0	59.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/14/1997	0.0	0.0	0.0	14.0	13.0	13.0	81.0	73.0	77.0	34.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	59.0	62.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/15/1997	0.0	0.0	0.0	13.0	7.0	13.0	82.0	73.0	77.0	34.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0	59.0	62.0	34.0	30.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/16/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	74.0	76.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	59.0	62.0	33.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/17/1997	0.0	0.0	0.0	13.0	13.0	13.0	79.0	73.0	75.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0	59.0	62.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/18/1997	0.0	0.0	0.0	13.0	13.0	13.0	79.0	74.0	76.0	37.0	30.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	59.0	61.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/19/1997	0.0	0.0	0.0	13.0	13.0	13.0	81.0	74.0	77.0	35.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	60.0	62.0	37.0	30.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/20/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	73.0	76.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0	60.0	62.0	35.0	30.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/21/1997	0.0	0.0	0.0	14.0	13.0	13.0	81.0	73.0	76.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0	60.0	62.0	35.0	30.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/22/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	74.0	74.0	32.0	32.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0	58.0	61.0	35.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/23/1997	0.0	0.0	0.0	13.0	13.0	13.0	79.0	73.0	76.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	59.0	59.0	59.0	32.0	32.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/24/1997	0.0	0.0	0.0	13.0	13.0	13.0	79.0	73.0	75.0	32.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	58.0	60.0	34.0	31.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/25/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	72.0	74.0	36.0	30.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	58.0	59.0	32.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/26/1997	0.0	0.0	0.0	14.0	13.0	13.0	81.0	72.0	74.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	57.0	59.0	36.0	30.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/27/1997	0.0	0.0	0.0	13.0	13.0	13.0	0.0	0.0	0.0	31.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0	58.0	60.0	33.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/28/1997	0.0	0.0	0.0	13.0	13.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	59.0	62.0	32.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/29/1997	0.0	0.0	0.0	13.0	5.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	0.0	33.0	31.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/30/1997	0.0	0.0	0.0	14.0	13.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	31.0	26.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/1/1997	0.0	0.0	0.0	13.0	13.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	31.0	31.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/2/1997	0.0	0.0	0.0	13.0	13.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	1.0	31.0	30.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/3/1997	0.0	0.0	0.0	13.0	13.0	13.0	100	78	85	32	31	31	300	268	279	0.37	0.0	0.0	0.0	33.0	30.0	30.0	33.0	30.0	31.0	2129	559	962	0.16	0.0	0.0	0.0	0.0
7/4/1997	0.0	0.0	0.0	13.0	13.0	13.0	80	72	76	31	28	30	313	151	215	0.45	0.0	0.0	0.0	62.0	0.0	39.0	32.0	30.0	31.0	2330	0	382	0.11	0.0	0.0	0.0	0.0
7/5/1997	0.0	0.0	0.0	13.0	7.0	12.0	76	72	74	31	28	30	417	61	246	0.28	0.0	0.0	0.0	62.0	56.0	58.0	31.0	30.0	31.0	1780	0	78	0.04	0.0	0.0	0.0	0.0
7/6/1997	0.0	0.0	0.0	13.0	13.0	13.0	76	71	73	31	30	30	273	0	134	0.21	0.0	0.0	0.0	60.0	56.0	57.0	31.0	30.0	30.0	1550	0	40	0.05	0.0	0.0	0.0	0.0
7/7/1997	0.0	0.0	0.0	13.0	13.0	13.0	77	72	74	30	29	30	300	0	186	0.22	0.0	0.0	0.0	59.0	56.0	57.0	33.0	29.0	29.0	1740	0	13	0.02	0.0	0.0	0.0	0.0
7/8/1997	0.0	0.0	0.0	13.0	13.0	13.0	77	71	74	33	29	30	311	0	0	0.0	0.0	0.0	58.0	54.0	56.0	30.0	29.0	30.0	1740	0	0	0.00	0.0	0.0	0.0	0.0	0.0
7/9/1997	0.0	0.0	0.0	13.0	13.0	13.0	78	72	75	31	30	30	300	268	279	0.40	0.0	0.0	0.0	60.0	53.0	57.0	33.0	29.0	30.0	2780	0	147	0.20	0.0	0.0	0.0	0.0
7/10/1997	0.0	0.0	0.0	13.0	13.0	13.0	79	71	74	31	30	30	313	151	215	0.31	0.0	0.0	0.0	62.0	56.0	58.0	31.0	30.0	30.0	2640	74	209	0.29	0.0	0.0	0.0	0.0
7/11/1997	0.0	0.0	0.0	13.0	13.0	13.0	79	72	74	32	28	30	523	172	254	0.37	0.0	0.0	0.0	62.0	56.0	58.0	31.0	30.0	30.0	2740	0	90	0.15	0.0	0.0	0.0	0.0
7/12/1997	0.0	0.0	0.0	13.0	13.0	13.0	77	72	73	32	30	31	398	0	270	0.40	0.0	0.0	0.0	62.0	56.0	58.0	32.0	28.0	31.0	2680	0	79	0.10	0.0	0.0	0.0	0.0
7/13/1997	0.0	0.0	0.0	13.0	13.0	13.0	78	71	74	33	30	31	376	0	202	0.30	0.0	0.0	0.0	61.0	56.0	57.0	32.0	30.0	31.0	3130	0	154	0.23	0.0	0.0	0.0	0.0
7/14/1997	0.0	0.0	0.0	13.0	13.0	13.0	77	71	73	33	30	30	0	0	0	0.0	0.0	0.0	60.0	55.0	57.0	33.0	30.0	30.0	3670	0	37	0.05	0.0	0.0	0.0	0.0	
7/15/1997	0.0	0.0	0.0	13.0	13.0	13.0	76	71	72	33	30	31	489	196	372	0.28	0.0	0.0	0.0	59.0	54.0	55.0	33.0	30.0	30.0	3220	0	74	0.10	0.0	0.0	0.0	0.0
7/16/1997	0.0	0.0	0.0	13.0	12.0	13.0	79	71	74	33	30	31	416	14	275	0.30	0.0	0.0	0.0	58.0	54.0	56.0	32.0	30.0	30.0	2780	0	84	0.14	0.0	0.0	0.0	0.0
7/17/1997	0.0	0.0	0.0	13.0	13.0	13.0	77	72	74	32	30	30	387	0	148	0.23	0.0	0.0	0.0	61.0	55.0	57.0	33.										

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MG)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min
1/22/1996	0.0	0.0	0.0	14.0	12.0	13.0	80.0	73.0	75.0	36.0	32.0	35.0	0	0	0	0	0	0	63.0	56.0	58.0	36.0	32.0	35.0	0	0	0	0
1/23/1996	0.0	0.0	0.0	14.0	13.0	13.0	79.0	71.0	74.0	36.0	32.0	35.0	0	0	0	0	0	0	63.0	57.0	59.0	36.0	32.0	35.0	0	0	0	0
1/24/1996	0.0	0.0	0.0	14.0	13.0	13.0	78.0	71.0	73.0	37.0	28.0	34.0	0	0	0	0	0	0	64.0	57.0	59.0	37.0	28.0	34.0	0	0	0	0
1/25/1996	0.0	0.0	0.0	14.0	9.0	13.0	74.0	67.0	70.0	38.0	31.0	34.0	0	0	0	0	0	0	63.0	57.0	59.0	38.0	31.0	34.0	0	0	0	0
1/26/1996	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	38.0	31.0	34.0	0	0	0	0	0	0	63.0	57.0	58.0	38.0	31.0	34.0	0	0	0	0
1/29/1996	0.0	0.0	0.0	15.0	12.0	13.0	80.0	72.0	75.0	38.0	30.0	35.0	0	0	0	0	0	0	62.0	56.0	58.0	38.0	30.0	35.0	0	0	0	0
1/30/1996	0.0	0.0	0.0	14.0	12.0	13.0	75.0	71.0	73.0	37.0	35.0	36.0	0	0	0	0	0	0	63.0	56.0	59.0	36.0	35.0	34.0	0	0	0	0
1/31/1996	0.00	0.00	0.00	14.0	12.0	13.0	76.0	69.0	72.0	38.5	33.0	35.0	0	0	0	0	0	0	59.0	56.0	57.0	37.0	35.0	36.0	0	0	0	0
1/32/1996	1.29	0.00	0.08	14.0	12.0	13.0	74.0	68.0	72.0	38.5	33.0	35.0	0	0	0	0	0	0	62.0	56.0	59.0	38.0	32.0	35.0	0	0	0	0
1/33/1996	0.10	0.00	0.02	13.0	8.0	12.0	72.0	59.0	68.0	44.0	32.0	38.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	31.0	35.0	0	0	0	0
1/34/1996	0.07	0.00	0.01	14.0	13.0	13.0	72.0	49.0	66.0	44.0	31.0	37.0	0	0	0	0	0	0	62.0	57.0	59.0	42.0	32.0	37.0	0	0	0	0
1/35/1996	0.04	0.00	0.00	14.0	13.0	13.0	70.0	64.0	67.0	38.0	31.0	34.0	0	0	0	0	0	0	61.0	57.0	59.0	43.0	31.0	36.0	0	0	0	0
1/36/1996	0.01	0.00	0.00	14.0	12.0	13.0	69.0	64.0	66.0	36.0	35.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	31.0	34.0	0	0	0	0
1/37/1996	0.15	0.00	0.03	14.0	13.0	13.0	69.0	63.0	66.0	36.0	35.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	35.0	35.0	35.0	0	0	0	0
1/38/1996	0.16	0.00	0.02	14.0	13.0	13.0	68.0	59.0	64.0	38.0	33.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	35.0	35.0	35.0	0	0	0	0
1/39/1996	0.06	0.00	0.00	14.0	13.0	13.0	66.0	47.0	60.0	41.0	33.0	35.0	0	0	0	0	0	0	63.0	58.0	60.0	37.0	32.0	34.0	0	0	0	0
1/40/1996	0.16	0.00	0.02	14.0	9.0	13.0	65.0	58.0	62.0	38.0	29.0	34.0	0	0	0	0	0	0	61.0	56.0	59.0	40.0	33.0	34.0	0	0	0	0
1/41/1996	0.03	0.00	0.00	13.0	12.0	13.0	65.0	59.0	61.0	38.0	31.0	34.0	0	0	0	0	0	0	62.0	56.0	59.0	37.0	29.0	34.0	0	0	0	0
1/42/1996	0.12	0.00	0.01	14.0	12.0	13.0	64.0	57.0	60.0	39.0	33.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	31.0	34.0	0	0	0	0
1/43/1996	0.01	0.00	0.00	14.0	12.0	13.0	63.0	56.0	59.0	37.0	36.0	36.0	0	0	0	0	0	0	62.0	57.0	59.0	38.0	33.0	35.0	0	0	0	0
1/44/1996	0.01	0.00	0.00	14.0	12.0	13.0	63.0	56.0	59.0	40.0	36.0	36.0	0	0	0	0	0	0	61.0	56.0	58.0	36.0	35.0	35.0	0	0	0	0
1/45/1996	0.00	0.00	0.00	14.0	12.0	13.0	62.0	56.0	58.0	38.0	33.0	35.0	0	0	0	0	0	0	61.0	56.0	59.0	39.0	35.0	36.0	0	0	0	0
1/46/1996	0.00	0.00	0.00	14.0	12.0	13.0	59.0	30.0	46.0	38.0	33.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	37.0	32.0	35.0	0	0	0	0
1/47/1996	0.01	0.00	0.00	13.0	5.0	12.0	60.0	30.0	52.0	37.0	31.0	35.0	0	0	0	0	0	0	61.0	57.0	58.0	37.0	32.0	35.0	0	0	0	0
1/48/1996	0.00	0.00	0.00	14.0	13.0	13.0	59.0	56.0	56.0	39.0	31.0	35.0	0	0	0	0	0	0	60.0	57.0	58.0	36.0	31.0	34.0	0	0	0	0
1/49/1996	0.01	0.00	0.00	14.0	13.0	14.0	58.0	53.0	56.0	39.0	31.0	35.0	0	0	0	0	0	0	61.0	57.0	58.0	38.0	31.0	34.0	0	0	0	0
1/20/1996	0.27	0.00	0.02	15.0	13.0	13.0	60.0	53.0	56.0	37.0	36.0	37.0	0	0	0	0	0	0	61.0	57.0	59.0	38.0	30.0	34.0	0	0	0	0
1/21/1996	0.37	0.00	0.05	15.0	12.0	13.0	68.0	54.0	62.0	37.0	37.0	37.0	0	0	0	0	0	0	62.0	56.0	59.0	36.0	36.0	36.0	0	0	0	0
1/22/1996	0.24	0.00	0.04	14.0	12.0	13.0	67.0	60.0	63.0	39.0	34.0	36.0	0	0	0	0	0	0	64.0	57.0	60.0	36.0	36.0	36.0	0	0	0	0
1/23/1996	0.21	0.00	0.02	14.0	12.0	13.0	66.0	59.0	62.0	40.0	33.0	36.0	0	0	0	0	0	0	64.0	57.0	60.0	38.0	33.0	35.0	0	0	0	0
1/24/1996	0.17	0.00	0.00	14.0	12.0	13.0	65.0	59.0	62.0	40.0	33.0	36.0	0	0	0	0	0	0	62.0	56.0	59.0	39.0	33.0	35.0	0	0	0	0
1/25/1996	0.00	0.00	0.00	14.0	12.0	13.0	64.0	58.0	60.0	39.0	31.0	35.0	0	0	0	0	0	0	62.0	56.0	58.0	39.0	33.0	35.0	0	0	0	0
1/26/1996	0.00	0.00	0.00	13.0	7.0	12.0	58.0	48.0	54.0	41.0	29.0	35.0	0	0	0	0	0	0	62.0	57.0	59.0	38.0	31.0	35.0	0	0	0	0
1/27/1996	0.00	0.00	0.00	14.0	13.0	14.0	51.0	45.0	48.0	37.0	37.0	37.0	0	0	0	0	0	0	61.0	56.0	58.0	40.0	27.0	34.0	0	0	0	0
1/28/1996	0.00	0.00	0.00	14.0	13.0	14.0	61.0	45.0	54.0	37.0	37.0	37.0	0	0	0	0	0	0	60.0	56.0	58.0	37.0	36.0	36.0	0	0	0	0
1/29/1996	0.00	0.00	0.00	14.0	13.0	14.0	60.0	49.0	57.0	38.0	33.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	36.0	36.0	36.0	0	0	0	0
1/30/1996	0.00	0.00	0.00	14.0	13.0	14.0	63.0	52.0	60.0	41.0	33.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	38.0	33.0	36.0	0	0	0	0
1/31/1996	0.00	0.00	0.00	14.0	9.0	13.0	65.0	60.0	61.0	37.0	27.0	36.0	0	0	0	0	0	0	61.0	57.0	59.0	40.0	33.0	35.0	0	0	0	0
2/1/1996	0.0	0.0	0.0	14.0	12.5	13.0	64.7	58.6	60.7	42.4	31.5	35.3	0	0	0	0	0	0	61.0	56.0	58.0	37.0	27.0	35.0	0	0	0	0
2/2/1996	0.1	0.0	0.0	14.2	12.5	13.1	64.5	57.9	60.0	39.4	30.3	35.1	0	0	0	0	0	0	60.0	55.6	57.2	41.1	31.4	34.8	0	0	0	0
2/3/1996	0.0	0.0	0.0	14.0	12.5	13.2	61.4	57.5	59.2	38.0	36.9	37.3	0	0	0	0	0	0	61.1	55.7	57.7	38.4	30.2	34.7	0	0	0	0
2/4/1996	0.0	0.0	0.0	14.4	12.9	13.6	63.2	57.5	59.8	37.4	36.8	37.2	0	0	0	0	0	0	59.4	55.8	57.3	37.3	36.3	36.7	0	0	0	0
2/5/1996	0.0	0.0	0.0	14.3	13.1	13.6	61.9	56.9	58.9	42.6	33.6	36.0	0	0	0	0	0	0	60.6	55.9	58.0	36.8	36.3	36.6	0	0	0	0
2/6/1996	0.0	0.0	0.0	14.2	12.5	13.4	65.3	56.0	61.0	38.2	31.5	35.0	0	0	0	0	0	0	60.9	56.5	58.3	41.3	32.2	35.5	0	0	0	0
2/7/1996	0.1	0.0	0.0	14.4	12.9	13.5	65.5	58.7	61.6	40.6	32.3	35.4	0	0	0	0	0	0	60.3	55.4	57.6	37.5	31.3	34.7	0	0	0	0
2/8/1996	0.0	0.0	0.0	13.9	6.0	12.4	62.9	58.0	60.1	39.2	25.9	34.7	0	0	0	0	0	0	61.0	56.1	57.9	39.6	32.1	34.9	0	0	0	0
2/9/1996	0.0	0.0	0.0	13.6	12.1	12.6	69.9	62.5	65.9	37.5	32.4	35.9	0	0	0	0	0	0	60.4	55.0	57.1	38.3	25.7	34.2	0	0	0	0
2/10/1996	0.1	0.0	0.0	14.1	12.3	12.9	71.3	64.4	66.6	38.0	37.0	37.3	0	0	0	0	0	0	59.6	55.0	56.6	36.8	32.1	35.4	0	0	0	0
2/11/1996	0.1	0.0	0.0	14.1	12.2	13.0	70.8	64.0	66.3	37.6	37.0	37.3	0	0	0	0	0	0	60.6	55.2	56.9	37.3	36.5	36.8	0	0	0	0

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min
1/12/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	73.0	75.0	31.0	31.0	31.0	50	0	0	0.00	45.0	43.0	44.0	31.0	31.0	31.0	0	0	0	0	0.00	0.00
1/13/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	74.0	75.0	34.0	31.0	32.0	50	0	0	0.00	45.0	43.0	44.0	34.0	31.0	32.0	0	0	0	0	0.00	0.00
1/14/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	74.0	75.0	34.0	31.0	32.0	50	0	0	0.00	44.0	43.0	44.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
1/15/1997	0.0	0.0	0.0	13.0	7.0	12.0	78.0	62.0	75.0	34.0	31.0	32.0	50	0	0	0.00	56.0	44.0	45.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
1/16/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/17/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/18/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/19/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/20/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/21/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/22/1997	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/23/1997	0.0	0.0	0.0	13.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.00	0.00
1/24/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	70.0	75.0	31.0	31.0	31.0	0	0	0	0.00	48.0	42.0	45.0	31.0	31.0	31.0	0	0	0	0	0.00	0.00
1/25/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	74.0	34.0	31.0	31.0	0	0	0	0.00	47.0	42.0	44.0	34.0	31.0	31.0	0	0	0	0	0.00	0.00
1/26/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	72.0	74.0	34.0	31.0	32.0	0	0	0	0.00	47.0	43.0	44.0	35.0	31.0	33.0	0	0	0	0	0.00	0.00
1/27/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	71.0	74.0	32.0	31.0	31.0	0	0	0	0.00	47.0	42.0	44.0	32.0	31.0	31.0	0	0	0	0	0.00	0.00
1/28/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	72.0	75.0	34.0	31.0	32.0	0	0	0	0.00	46.0	42.0	44.0	34.0	31.0	32.0	0	0	0	0	0.00	0.00
1/29/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	72.0	76.0	35.0	31.0	32.0	0	0	0	0.00	48.0	43.0	45.0	34.0	31.0	32.0	0	0	0	0	0.00	0.00
1/30/1997	0.0	0.0	0.0	14.0	7.0	12.0	80.0	71.0	75.0	32.0	16.0	24.0	0	0	0	0.00	49.0	43.0	46.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
1/31/1997	0.0	0.0	0.0	14.0	12.0	13.0	74.0	68.0	71.0	21.0	17.0	19.0	0	0	0	0.00	44.0	40.0	42.0	21.0	18.0	19.0	0	0	0	0	0.00	0.00
2/1/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	68.0	71.0	24.0	20.0	22.0	0	0	0	0.00	47.0	40.0	43.0	24.0	20.0	22.0	0	0	0	0	0.00	0.00
2/2/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	67.0	71.0	27.0	23.0	25.0	0	0	0	0.00	47.0	40.0	43.0	27.0	23.0	25.0	0	0	0	0	0.00	0.00
2/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	68.0	73.0	34.0	27.0	31.0	0	0	0	0.00	47.0	41.0	44.0	35.0	27.0	31.0	0	0	0	0	0.00	0.00
2/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	75.0	34.0	31.0	32.0	0	0	0	0.00	50.0	43.0	45.0	34.0	31.0	32.0	0	0	0	0	0.00	0.00
2/5/1997	0.0	0.0	0.0	13.0	10.0	12.0	79.0	73.0	75.0	34.0	31.0	32.0	0	0	0	0.00	48.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/6/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	71.0	74.0	32.0	31.0	31.0	0	0	0	0.00	49.0	44.0	45.0	32.0	31.0	31.0	0	0	0	0	0.00	0.00
2/7/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	73.0	31.0	31.0	31.0	0	0	0	0.00	48.0	43.0	45.0	31.0	31.0	31.0	0	0	0	0	0.00	0.00
2/8/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	73.0	31.0	31.0	31.0	0	0	0	0.00	49.0	43.0	45.0	31.0	31.0	31.0	0	0	0	0	0.00	0.00
2/9/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	71.0	73.0	31.0	31.0	31.0	0	0	0	0.00	48.0	44.0	45.0	31.0	30.0	31.0	0	0	0	0	0.00	0.00
2/10/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	35.0	31.0	32.0	0	0	0	0.00	48.0	43.0	45.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/11/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	34.0	31.0	32.0	0	0	0	0.00	48.0	43.0	45.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/12/1997	0.0	0.0	0.0	14.0	10.0	12.0	79.0	71.0	74.0	34.0	31.0	32.0	0	0	0	0.00	51.0	42.0	45.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/13/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	72.0	75.0	32.0	31.0	31.0	0	0	0	0.00	48.0	44.0	46.0	32.0	31.0	31.0	0	0	0	0	0.00	0.00
2/14/1997	0.0	0.0	0.0	14.0	13.0	13.0	76.0	72.0	74.0	31.0	31.0	31.0	0	0	0	0.00	47.0	45.0	46.0	31.0	31.0	31.0	0	0	0	0	0.00	0.00
2/15/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	67.0	73.0	31.0	25.0	30.0	0	0	0	0.00	54.0	43.0	46.0	31.0	25.0	30.0	0	0	0	0	0.00	0.00
2/16/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	72.0	32.0	29.0	30.0	0	0	0	0.00	48.0	42.0	44.0	32.0	29.0	30.0	0	0	0	0	0.00	0.00
2/17/1997	0.0	0.0	0.0	13.0	12.0	13.0	75.0	71.0	73.0	34.0	31.0	32.0	0	0	0	0.00	45.0	43.0	44.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/18/1997	0.0	0.0	0.0	13.0	12.0	13.0	74.0	72.0	73.0	32.0	31.0	31.0	0	0	0	0.00	45.0	44.0	44.0	32.0	31.0	31.0	0	0	0	0	0.00	0.00
2/19/1997	0.0	0.0	0.0	13.0	8.0	12.0	78.0	72.0	75.0	35.0	31.0	32.0	0	0	0	0.00	47.0	44.0	45.0	35.0	31.0	32.0	0	0	0	0	0.00	0.00
2/20/1997	0.0	0.0	0.0	13.0	7.0	12.0	78.0	73.0	74.0	32.0	17.0	28.0	0	0	0	0.00	47.0	44.0	45.0	32.0	17.0	28.0	0	0	0	0	0.00	0.00
2/22/1997	0.0	0.0	0.0	13.0	12.0	12.0	77.0	71.0	73.0	29.0	26.0	27.0	0	0	0	0.00	47.0	43.0	45.0	29.0	26.0	27.0	0	0	0	0	0.00	0.00
2/23/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	30.0	28.0	29.0	0	0	0	0.00	47.0	43.0	45.0	30.0	28.0	29.0	0	0	0	0	0.00	0.00
2/24/1997	0.0	0.0	0.0	13.0	12.0	13.0	78.0	70.0	72.0	30.0	29.0	30.0	0	0	0	0.00	49.0	43.0	45.0	30.0	29.0	30.0	0	0	0	0	0.00	0.00
2/25/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	72.0	75.0	35.0	31.0	32.0	0	0	0	0.00	46.0	43.0	44.0	35.0	30.0	32.0	0	0	0	0	0.00	0.00
2/26/1997	0.0	0.0	0.0	13.0	8.0	12.0	79.0	72.0	75.0	35.0	31.0	32.0	0	0	0	0.00	49.0	44.0	46.0	36.0	31.0	32.0	0	0	0	0	0.00	0.00
2/27/1997	0.0	0.0	0.0	13.0	12.0	13.0	77.0	72.0	74.0	31.0	29.0	30.0	0	0	0	0.00	48.0	45.0	46.0	34.0	31.0	31.0	0	0	0	0	0.00	0.00
2/28/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	72.0	73.0	29.0	28.0	29.0	0	0	0	0.00	47.0	44.0	45.0	29.0	28.0	29.0	0	0	0	0	0.00	0.00
2/29/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	71.0	73.0	28.0	28.0	28.0	0	0	0	0.00	47.0	43.0	45.0	28.0	28.0	28.0	0	0	0	0	0.00	0.00
3/1/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	70.0	75.0	36.0	28.0	31.0	0	0	0	0.00												

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
3/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	73.0	76.0	35.0	31.0	32.0	345	0	0	0.00	49.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0.00
3/5/1997	0.0	0.0	0.0	13.0	7.0	12.0	80.0	73.0	76.0	35.0	31.0	32.0	320	0	0	0.00	49.0	45.0	47.0	35.0	31.0	32.0	0	0	0	0.00
3/6/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	71.0	75.0	32.0	31.0	31.0	300	0	0	0.00	50.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/7/1997	0.0	0.0	0.0	13.0	12.0	13.0	74.0	71.0	72.0	32.0	31.0	31.0	315	0	0	0.00	46.0	44.0	45.0	32.0	31.0	31.0	0	0	0	0.00
3/8/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	71.0	73.0	32.0	30.0	31.0	300	0	0	0.00	47.0	44.0	45.0	31.0	30.0	31.0	0	0	0	0.00
3/9/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	71.0	73.0	31.0	30.0	31.0	340	0	0	0.00	47.0	44.0	45.0	31.0	30.0	31.0	0	0	0	0.00
3/10/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	69.0	75.0	35.0	30.0	32.0	300	0	0	0.00	48.0	43.0	45.0	35.0	30.0	32.0	0	0	0	0.00
3/11/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	73.0	76.0	34.0	31.0	32.0	350	0	0	0.00	49.0	44.0	46.0	34.0	31.0	32.0	0	0	0	0.00
3/12/1997	0.0	0.0	0.0	13.0	8.0	12.0	81.0	72.0	76.0	35.0	31.0	32.0	300	0	0	0.00	51.0	44.0	47.0	35.0	31.0	32.0	0	0	0	0.00
3/13/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	73.0	75.0	32.0	31.0	31.0	300	0	0	0.00	49.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/14/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	71.0	72.0	32.0	31.0	31.0	300	0	0	0.00	48.0	44.0	45.0	32.0	31.0	31.0	0	0	0	0.00
3/15/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	70.0	72.0	32.0	31.0	31.0	300	0	0	0.00	49.0	44.0	46.0	32.0	31.0	31.0	0	0	0	0.00
3/16/1997	0.0	0.0	0.0	14.0	12.0	13.0	75.0	69.0	72.0	32.0	31.0	31.0	300	0	0	0.00	48.0	43.0	45.0	32.0	31.0	31.0	0	0	0	0.00
3/17/1997	0.0	0.0	0.0	13.0	12.0	13.0	78.0	69.0	74.0	35.0	31.0	32.0	300	0	0	0.00	47.0	43.0	45.0	36.0	31.0	32.0	0	0	0	0.00
3/18/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	73.0	75.0	35.0	31.0	32.0	300	0	0	0.00	48.0	45.0	46.0	35.0	31.0	32.0	0	0	0	0.00
3/19/1997	0.0	0.0	0.0	13.0	9.0	12.0	80.0	72.0	75.0	35.0	31.0	32.0	310	0	0	0.00	50.0	45.0	47.0	36.0	31.0	32.0	0	0	0	0.00
3/20/1997	0.0	0.0	0.0	13.0	5.0	12.0	79.0	72.0	75.0	31.0	21.0	25.0	300	0	0	0.00	49.0	44.0	46.0	31.0	21.0	25.0	0	0	0	0.00
3/21/1997	0.0	0.0	0.0	13.0	12.0	13.0	75.0	70.0	72.0	26.0	21.0	24.0	300	0	0	0.00	46.0	43.0	44.0	26.0	21.0	24.0	0	0	0	0.00
3/22/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	69.0	72.0	30.0	25.0	28.0	300	0	0	0.00	48.0	43.0	45.0	30.0	25.0	28.0	0	0	0	0.00
3/23/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	68.0	72.0	31.0	30.0	30.0	300	0	0	0.00	48.0	43.0	45.0	31.0	30.0	30.0	0	0	0	0.00
3/24/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	74.0	35.0	31.0	32.0	300	0	0	0.00	48.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0.00
3/25/1997	0.0	0.0	0.0	13.0	6.0	13.0	79.0	73.0	75.0	36.0	31.0	32.0	300	0	0	0.00	49.0	45.0	47.0	37.0	31.0	33.0	0	0	0	0.00
3/26/1997	0.0	0.0	0.0	13.0	12.0	12.0	79.0	73.0	75.0	35.0	31.0	32.0	300	0	0	0.00	50.0	45.0	47.0	35.0	31.0	32.0	0	0	0	0.00
3/27/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	72.0	75.0	32.0	31.0	31.0	300	0	0	0.00	51.0	46.0	48.0	32.0	31.0	31.0	0	0	0	0.00
3/28/1997	0.0	0.0	0.0	13.0	12.0	12.0	77.0	71.0	74.0	32.0	31.0	31.0	300	0	0	0.00	49.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/29/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	73.0	32.0	31.0	31.0	300	0	0	0.00	50.0	45.0	47.0	32.0	31.0	31.0	0	0	0	0.00
3/30/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	73.0	32.0	31.0	31.0	300	0	0	0.00	50.0	44.0	46.0	32.0	31.0	31.0	0	0	0	0.00
3/31/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	69.0	74.0	34.0	31.0	32.0	300	0	0	0.00	48.0	44.0	46.0	34.0	31.0	32.0	0	0	0	0.00
4/1/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	75.0	34.0	31.0	32.0	300	0	0	0.00	50.0	44.0	46.0	35.0	31.0	32.0	0	0	0	0.00
4/2/1997	0.0	0.0	0.0	13.0	10.0	12.0	77.0	72.0	74.0	35.0	22.0	32.0	300	0	0	0.00	48.0	45.0	46.0	35.0	22.0	32.0	0	0	0	0.00
4/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	72.0	75.0	34.0	31.0	32.0	300	0	0	0.00	49.0	45.0	47.0	34.0	31.0	32.0	0	0	0	0.00
4/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	73.0	76.0	31.0	30.0	30.0	300	0	0	0.00	49.0	46.0	47.0	31.0	30.0	30.0	0	0	0	0.00
4/5/1997	0.0	0.0	0.0	14.0	13.0	13.0	78.0	72.0	75.0	30.0	30.0	30.0	300	0	0	0.00	49.0	45.0	47.0	30.0	29.0	30.0	0	0	0	0.00
4/7/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	72.0	75.0	38.0	30.0	32.0	300	0	0	0.00	49.0	45.0	47.0	38.0	30.0	32.0	0	0	0	0.00
4/8/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	73.0	76.0	35.0	31.0	31.0	300	0	0	0.00	76.0	46.0	64.0	35.0	31.0	32.0	0	0	0	0.00
4/9/1997	0.0	0.0	0.0	13.0	8.0	12.0	79.0	73.0	75.0	39.0	20.0	29.0	300	0	0	0.00	74.0	71.0	72.0	40.0	21.0	29.0	0	0	0	0.00
4/10/1997	0.0	0.0	0.0	12.0	12.0	12.0	73.0	72.0	73.0	40.0	31.0	33.0	300	0	0	0.00	72.0	58.0	70.0	41.0	31.0	33.0	0	0	0	0.00
4/11/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/12/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/13/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/14/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/15/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/16/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/17/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00
4/18/1997	0.0	0.0	0.0	14.0	12.0	13.0	75.0	70.0	74.0	34.0	30.0	31.0	300	0	0	0.00	72.0	66.0	69.0	34.0	30.0	31.0	0	0	0	0.00
4/19/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	68.0	72.0	40.0	31.0	32.0	300	0	0	0.00	83.0	66.0	77.0	42.0	31.0	32.0	0	0	0	0.00
4/20/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	69.0	73.0	38.0	30.0	31.0	1104	0	0	0.00	82.0	75.0	78.0	39.0	30.0	31.0	0	0	0	0.00
4/21/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	70.0	74.0	39.0	30.0	31.0	1041	0	0	0.00	81.0	74.0	77.0	39.0	30.0	31.0	0	0	0	0.00
4/22/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	72.0	76.0	35.0	30.0	32.0	300	0	0	0.00	82.0	75.0	78.0	35.0	30.0	32.0	0	0	0	0.00
4/23/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	73.0	76.0	37.0	30.0	32.0	300	0	0	0.00	82.0	76.0	79.0	38.0	30.0	32.0	0	0	0	0.00

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)			
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg
4/24/1997	0.0	0.0	0.0	13.0	9.0	12.0	78.0	71.0	74.0	33.0	30.0	31.0	0	0	0	0.00	81.0	74.0	77.0	33.0	30.0	31.0	0	0	0	0.00			
4/25/1997	0.0	0.0	0.0	13.0	12.0	12.0	75.0	72.0	73.0	36.0	30.0	31.0	0	0	0	0.00	77.0	75.0	76.0	36.0	30.0	31.0	0	0	0	0.00			
4/26/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	74.0	74.0	30.0	30.0	30.0	0	0	0	0.00	75.0	75.0	75.0	30.0	30.0	30.0	0	0	0	0.00			
4/27/1997	0.0	0.0	0.0	14.0	13.0	13.0	77.0	74.0	75.0	43.0	30.0	33.0	0	0	0	0.00	78.0	74.0	76.0	44.0	30.0	33.0	0	0	0	0.00			
4/28/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	73.0	75.0	47.0	30.0	33.0	0	0	0	0.00	80.0	74.0	77.0	49.0	30.0	34.0	0	0	0	0.00			
4/29/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	71.0	75.0	42.0	30.0	34.0	0	0	0	0.00	78.0	72.0	75.0	39.0	30.0	31.0	0	0	0	0.00			
5/1/1997	0.0	0.0	0.0	13.0	9.0	12.0	81.0	73.0	76.0	40.0	31.0	33.0	0	0	0	0.00	80.0	71.0	75.0	44.0	30.0	34.0	0	0	0	0.00			
5/2/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	73.0	75.0	32.0	30.0	31.0	0	0	0	0.00	81.0	72.0	75.0	41.0	31.0	33.0	0	0	0	0.00			
5/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	72.0	75.0	32.0	30.0	31.0	0	0	0	0.00	79.0	72.0	76.0	32.0	30.0	31.0	0	0	0	0.00			
5/4/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	70.0	73.0	32.0	30.0	30.0	0	0	0	0.00	79.0	74.0	76.0	32.0	30.0	30.0	0	0	0	0.00			
5/5/1997	0.0	0.0	0.0	13.0	12.0	12.0	74.0	68.0	72.0	39.0	30.0	32.0	0	0	0	0.00	78.0	72.0	74.0	32.0	30.0	30.0	0	0	0	0.00			
5/6/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	70.0	72.0	38.0	30.0	31.0	0	0	0	0.00	80.0	71.0	77.0	38.0	30.0	32.0	0	0	0	0.00			
5/7/1997	0.0	0.0	0.0	14.0	12.0	13.0	75.0	69.0	72.0	37.0	30.0	31.0	0	0	0	0.00	80.0	74.0	77.0	37.0	30.0	31.0	0	0	0	0.00			
5/8/1997	0.0	0.0	0.0	13.0	7.0	12.0	74.0	68.0	71.0	31.0	27.0	30.0	0	0	0	0.00	78.0	73.0	76.0	36.0	30.0	31.0	0	0	0	0.00			
5/9/1997	0.0	0.0	0.0	14.0	12.0	13.0	76.0	68.0	71.0	32.0	30.0	31.0	0	0	0	0.00	79.0	74.0	76.0	31.0	26.0	30.0	0	0	0	0.00			
5/10/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	69.0	72.0	32.0	30.0	30.0	0	0	0	0.00	81.0	74.0	77.0	32.0	30.0	31.0	0	0	0	0.00			
5/11/1997	0.0	0.0	0.0	12.0	12.0	12.0	70.0	68.0	69.0	30.0	21.0	28.0	0	0	0	0.00	79.0	73.0	76.0	31.0	30.0	30.0	0	0	0	0.00			
5/12/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	73.0	40.0	66.0	30.0	21.0	28.0	0	0	0	0.00			
5/13/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00			
5/14/1997	0.0	0.0	0.0	14.0	12.0	13.0	78.0	71.0	75.0	31.0	31.0	31.0	0	0	0	0.00	80.0	72.0	76.0	31.0	30.0	31.0	0	0	0	0.00			
5/15/1997	0.0	0.0	0.0	13.0	7.0	12.0	79.0	70.0	74.0	34.0	27.0	31.0	0	0	0	0.00	78.0	70.0	75.0	34.0	26.0	31.0	0	0	0	0.00			
5/16/1997	0.0	0.0	0.0	13.0	12.0	13.0	76.0	71.0	73.0	32.0	30.0	31.0	0	0	0	0.00	77.0	72.0	74.0	31.0	30.0	31.0	0	0	0	0.00			
5/17/1997	0.0	0.0	0.0	13.0	12.0	13.0	74.0	71.0	72.0	33.0	30.0	31.0	0	0	0	0.00	74.0	71.0	72.0	33.0	30.0	31.0	0	0	0	0.00			
5/18/1997	0.0	0.0	0.0	14.0	13.0	13.0	76.0	71.0	73.0	34.0	30.0	31.0	0	0	0	0.00	74.0	69.0	71.0	34.0	30.0	31.0	0	0	0	0.00			
5/19/1997	0.0	0.0	0.0	14.0	13.0	13.0	77.0	70.0	73.0	43.0	31.0	33.0	0	0	0	0.00	78.0	71.0	74.0	42.0	31.0	33.0	0	0	0	0.00			
5/20/1997	0.0	0.0	0.0	14.0	13.0	13.0	77.0	71.0	73.0	40.0	31.0	32.0	0	0	0	0.00	79.0	72.0	75.0	38.0	31.0	32.0	0	0	0	0.00			
5/21/1997	0.0	0.0	0.0	14.0	13.0	13.0	78.0	71.0	73.0	32.0	31.0	31.0	0	0	0	0.00	78.0	72.0	75.0	38.0	31.0	32.0	0	0	0	0.00			
5/22/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	73.0	37.0	28.0	31.0	0	0	0	0.00	78.0	46.0	72.0	36.0	28.0	31.0	0	0	0	0.00			
5/23/1997	0.0	0.0	0.0	13.0	12.0	12.0	74.0	70.0	72.0	30.0	30.0	30.0	0	0	0	0.00	75.0	72.0	73.0	30.0	30.0	30.0	0	0	0	0.00			
5/24/1997	0.0	0.0	0.0	14.0	12.0	13.0	75.0	70.0	72.0	32.0	30.0	30.0	0	0	0	0.00	75.0	71.0	73.0	32.0	30.0	30.0	0	0	0	0.00			
5/25/1997	0.0	0.0	0.0	14.0	12.0	13.0	77.0	70.0	73.0	34.0	29.0	31.0	0	0	0	0.00	76.0	69.0	72.0	34.0	29.0	31.0	0	0	0	0.00			
5/26/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	70.0	73.0	32.0	31.0	32.0	0	0	0	0.00	78.0	71.0	73.0	32.0	31.0	31.0	0	0	0	0.00			
5/27/1997	0.0	0.0	0.0	15.0	12.0	13.0	80.0	71.0	75.0	34.0	30.0	32.0	0	0	0	0.00	78.0	70.0	73.0	32.0	31.0	31.0	0	0	0	0.00			
5/28/1997	0.0	0.0	0.0	14.0	12.0	13.0	79.0	71.0	74.0	32.0	31.0	31.0	0	0	0	0.00	78.0	70.0	73.0	34.0	30.0	31.0	0	0	0	0.00			
5/29/1997	0.0	0.0	0.0	13.0	11.0	12.0	75.0	74.0	74.0	34.0	30.0	31.0	0	0	0	0.00	77.0	70.0	72.0	32.0	31.0	31.0	0	0	0	0.00			
5/30/1997	0.0	0.0	0.0	13.0	12.0	13.0	80.0	75.0	78.0	31.0	30.0	31.0	0	0	0	0.00	71.0	46.0	68.0	34.0	30.0	31.0	0	0	0	0.00			
5/31/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	73.0	76.0	30.0	30.0	30.0	0	0	0	0.00	74.0	71.0	72.0	31.0	30.0	31.0	0	0	0	0.00			
6/1/1997	0.0	0.0	0.0	13.0	12.0	13.0	78.0	72.0	75.0	33.0	30.0	31.0	0	0	0	0.00	74.0	69.0	71.0	30.0	30.0	30.0	0	0	0	0.00			
6/2/1997	0.0	0.0	0.0	13.0	12.0	13.0	79.0	73.0	76.0	31.0	31.0	31.0	0	0	0	0.00	73.0	67.0	70.0	33.0	30.0	31.0	0	0	0	0.00			
6/3/1997	0.0	0.0	0.0	14.0	12.0	13.0	80.0	73.0	75.0	33.0	30.0	31.0	0	0	0	0.00	74.0	69.0	71.0	31.0	31.0	31.0	0	0	0	0.00			
6/4/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	73.0	76.0	31.0	31.0	31.0	0	0	0	0.00	76.0	66.0	71.0	33.0	30.0	31.0	0	0	0	0.00			
6/5/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	73.0	76.0	31.0	31.0	31.0	0	0	0	0.00	73.0	67.0	70.0	31.0	31.0	31.0	0	0	0	0.00			
6/6/1997	0.0	0.0	0.0	14.0	6.0	12.0	80.0	73.0	76.0	32.0	29.0	31.0	0	0	0	0.00	72.0	47.0	67.0	32.0	31.0	31.0	0	0	0	0.00			
6/7/1997	0.0	0.0	0.0	14.0	12.0	13.0	81.0	72.0	76.0	32.0	31.0	31.0	0	0	0	0.00	74.0	67.0	70.0	32.0	29.0	31.0	0	0	0	0.00			
6/8/1997	0.0	0.0	0.0	13.0	12.0	12.0	75.0	73.0	74.0	33.0	31.0	31.0	0	0	0	0.00	74.0	67.0	70.0	32.0	31.0	31.0	0	0	0	0.00			
6/9/1997	0.0	0.0	0.0	13.0	12.0	12.0	75.0	73.0	74.0	33.0	30.0	31.0	0	0	0	0.00	69.0	66.0	68.0	33.0	31.0	31.0	0	0	0	0.00			
6/10/1997	0.0	0.0	0.0	14.0	13.0	13.0	79.0	73.0	76.0	32.0	30.0	31.0	0	0	0	0.00	68.0	66.0	67.0	33.0	31.0	31.0	0	0	0	0.00			
6/11/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	72.0	47.0	68.0	32.0	30.0	31.0	0	0	0	0.00			
6/12/1997	0.0	0.0	0.0	13.0	13.0	13.0	80.0	75.0	76.0	33.0	30.0	31.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00			
6/13/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	70.0	49.0	66.0	34.0	30.0	31.0	0	0	0	0.00			

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min
9/24/1997	0.0	0.0	0.0	13.0	13.0	13.0	79	72	74	31	30	33	295	75	176	0.00	66.0	55.0	62.0	31.0	30.0	30.0	192	0	28	0.00		
9/25/1997	0.0	0.0	0.0	13.0	13.0	13.0	79	72	74	34	30	30	634	252	344	0.00	68.0	62.0	65.0	34.0	30.0	30.0	371	0	38	0.00		
9/26/1997	0.0	0.0	0.0	13.0	13.0	13.0	77	73	75	38	30	30	950	0	383	0.00	67.0	63.0	65.0	38.0	30.0	30.0	1190	0	250	0.00		
9/27/1997	0.0	0.0	0.0	13.0	13.0	13.0	78	72	74	33	30	30	428	0	123	0.00	67.0	63.0	64.0	32.0	29.0	31.0	324	0	111	0.00		
9/28/1997	0.0	0.0	0.0	13.0	13.0	13.0	77	72	73	33	30	30	0	0	0	0.00	66.0	63.0	64.0	33.0	30.0	33.0	320	0	28	0.00		
9/29/1997							75	72	74	31	29	31	309	235	297	0.00												0.00
9/30/1997							78	71	76	32	29	31	314	156	250	0.00												0.00
10/1/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	72.0	74.0	31.0	31.0	31.0	329	287	283	0.00	67.0	62.0	64.0	31.0	31.0	31.0	300	0	4	0.00		
10/2/1997	0.0	0.0	0.0	13.0	13.0	6.0	79.0	71.0	74.0	31.0	28.0	31.0	431	0	200	0.00	69.0	61.0	64.0	31.0	28.0	30.0	337	0	30	0.00		
10/3/1997	0.0	0.0	0.0	13.0	13.0	13.0	80.0	71.0	74.0	32.0	31.0	31.0	400	0	80	0.00	73.0	63.0	67.0	32.0	30.0	31.0	323	0	10	0.00		
10/4/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	72.0	74.0	35.0	30.0	31.0	590	0	140	0.00	75.0	67.0	71.0	35.0	30.0	31.0	430	0	214	0.00		
10/5/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	30.0	30.0	30.0	37	0	3	0.00	75.0	70.0	72.0	30.0	29.0	30.0	49	0	3	0.00		
10/6/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	73.0	33.0	30.0	31.0	280	0	114	0.00	73.0	69.0	71.0	32.0	29.0	31.0	277	0	185	0.00		
10/7/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	72.0	74.0	31.0	30.0	31.0	420	228	228	0.00	75.0	70.0	72.0	31.0	30.0	30.0	430	0	300	0.00		
10/8/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	31.0	30.0	30.0	310	190	211	0.00	74.0	69.0	72.0	31.0	29.0	30.0	280	0	130	0.00		
10/9/1997	0.0	0.0	0.0	13.0	5.0	13.0	77.0	72.0	73.0	31.0	28.0	30.0	330	118	234	0.00	74.0	69.0	71.0	31.0	27.0	30.0	280	182	237	0.00		
10/10/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	72.0	31.0	30.0	31.0	310	41	32	0.00	73.0	69.0	70.0	31.0	29.0	30.0	320	0	122	0.00		
10/11/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	73.0	34.0	30.0	31.0	320	20	17	0.00	73.0	69.0	71.0	33.0	29.0	30.0	300	0	200	0.00		
10/12/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	73.0	37.0	30.0	31.0	300	0	280	0.00	73.0	69.0	71.0	37.0	29.0	30.0	1000	0	210	0.00		
10/13/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	72.0	73.0	31.0	30.0	30.0	270	180	224	0.00	72.0	69.0	70.0	31.0	29.0	31.0	300	10	180	0.00		
10/14/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	72.0	74.0	31.0	30.0	31.0	300	104	200	0.00	73.0	68.0	70.0	31.0	30.0	30.0	260	10	112	0.00		
10/15/1997	0.0	0.0	0.0	13.0	5.0	13.0	74.0	72.0	74.0	31.0	26.0	30.0	270	0	200	0.00	72.0	67.0	69.0	31.0	26.0	30.0	250	10	100	0.00		
10/16/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	73.0	33.0	30.0	30.0	270	0	200	0.00	71.0	67.0	68.0	33.0	29.0	30.0	430	0	120	0.00		
10/17/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	73.0	32.0	30.0	31.0	320	80	210	0.00	75.0	66.0	69.0	31.0	30.0	31.0	300	0	184	0.00		
10/18/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	73.0	33.0	30.0	31.0	320	0	100	0.00	72.0	66.0	68.0	32.0	29.0	30.0	280	0	80	0.00		
10/19/1997	0.0	0.0	0.0	13.0	13.0	13.0	71.0	71.0	72.0	32.0	30.0	31.0	320	0	100	0.00	69.0	66.0	66.0	32.0	29.0	30.0	300	0	110	0.00		
10/20/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	71.0	31.0	30.0	31.0	400	320	320	0.00	85.0	75.0	82.0	31.0	30.0	30.0	410	200	280	0.00		
10/21/1997	0.0	0.0	0.0	13.0	9.0	13.0	77.0	69.0	73.0	31.0	30.0	31.0	300	100	100	0.00	83.0	78.0	80.0	31.0	30.0	30.0	300	100	200	0.00		
10/22/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	73.0	31.0	25.0	30.0	370	177	291	0.00	83.0	77.0	80.0	31.0	25.0	30.0	300	0	210	0.00		
10/23/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	71.0	74.0	31.0	30.0	31.0	320	200	220	0.00	78.0	60.0	72.0	31.0	30.0	30.0	270	0	120	0.00		
10/24/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	72.0	72.0	31.0	30.0	31.0	310	200	200	0.00	83.0	78.0	81.0	31.0	30.0	30.0	310	0	240	0.00		
10/25/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	74.0	32.0	30.0	31.0	410	0	200	0.00	84.0	77.0	80.0	32.0	30.0	30.0	440	0	240	0.00		
10/26/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	33.0	30.0	31.0	300	0	200	0.00	83.0	78.0	79.0	33.0	29.0	30.0	320	0	184	0.00		
10/27/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	72.0	74.0	34.0	30.0	31.0	400	0	310	0.00	82.0	77.0	79.0	33.0	30.0	31.0	310	0	200	0.00		
10/28/1997	0.0	0.0	0.0	13.0	13.0	13.0	72.0	71.0	74.0	32.0	30.0	31.0	410	0	200	0.00	79.0	75.0	76.0	33.0	29.0	30.0	240	0	240	0.00		
10/29/1997	0.0	0.0	0.0	13.0	5.0	13.0	77.0	70.0	71.0	31.0	27.0	30.0	400	100	210	0.00	81.0	75.0	76.0	31.0	27.0	30.0	320	0	210	0.00		
10/30/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	72.0	31.0	30.0	30.0	300	0	210	0.00	79.0	74.0	76.0	31.0	29.0	30.0	370	0	144	0.00		
10/31/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	73.0	32.0	30.0	31.0	300	0	200	0.00	80.0	75.0	76.0	32.0	29.0	30.0	320	0	200	0.00		
11/1/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	72.0	74.0	32.0	30.0	31.0	300	0	200	0.00	80.0	76.0	77.0	32.0	30.0	31.0	300	0	200	0.00		
11/2/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	72.0	74.0	32.0	30.0	31.0	400	0	200	0.00	81.0	76.0	77.0	32.0	30.0	31.0	320	0	200	0.00		
11/3/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	71.0	31.0	30.0	30.0	300	100	100	0.00	80.0	73.0	75.0	31.0	30.0	30.0	270	0	150	0.00		
11/4/1997	0.0	0.0	0.0	13.0	13.0	13.0	80.0	73.0	76.0	32.0	30.0	31.0	300	100	100	0.00	67.0	62.0	64.0	32.0	30.0	31.0	300	0	10	0.00		
11/5/1997	0.0	0.0	0.0	13.0	13.0	13.0	73.0	71.0	72.0	31.0	30.0	31.0	300	200	200	0.00	75.0	73.0	73.0	31.0	30.0	31.0	310	200	274	0.00		
11/6/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	70.0	73.0	31.0	30.0	30.0	300	200	100	0.00	80.0	72.0	75.0	31.0	30.0	30.0	280	200	220	0.00		
11/7/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	70.0	72.0	31.0	30.0	31.0	400	0	300	0.00	78.0	71.0	74.0	31.0	30.0	31.0	470	0	300	0.00		
11/8/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	32.0	30.0	31.0	410	0	300	0.00	76.0	70.0	72.0	32.0	30.0	31.0	350	0	280	0.00		
11/9/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	73.0	75.0	33.0	30.0	32.0	300	0	120	0.00	66.0	60.0	61.0	33.0	30.0	32.0	330	0	20	0.00		
11/10/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	70.0	73.0	31.0	30.0	31.0	414	240	310	0.00	77.0	69.0	73.0	31.0	30.0	31.0	450	210	300	0.00		
11/11/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	70.0	73.0	31.0	30.0	30.0	350	100	100	0.00	77.0	69.0	72.0	31.0	30.0	30.0	300	100	200	0.00		
11/12/1997	0.0	0.0	0.0	13.0	5.0	13.0	79.0	70.0	73.0	31.0	27.0	30.0	400	100	200	0.00	74.0	65.0	71.0	31.0	27.0	30.0	350	140	200	0.00		
11/13/1997																												

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max
11/14/1997	0.0	0.0	0.0	13.0	13.0	13.0	73.0	71.0	73.0	31.0	30.0	31.0	407	116	309	0.45	72.0	70.0	71.0	31.0	30.0	31.0	463	133	314	0.40	
11/15/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	70.0	72.0	33.0	30.0	31.0	407	116	309	0.45	76.0	68.0	71.0	33.0	30.0	31.0	463	133	314	0.40	
11/16/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	72.0	33.0	30.0	31.0	473	116	309	0.45	75.0	68.0	70.0	33.0	30.0	31.0	463	133	314	0.40	
11/17/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	35.0	30.0	32.0	406	116	309	0.45	73.0	67.0	69.0	35.0	31.0	32.0	463	133	314	0.40	
11/18/1997	0.0	0.0	0.0	14.0	13.0	13.0	76.0	69.0	72.0	31.0	30.0	30.0	406	116	309	0.45	73.0	66.0	69.0	31.0	30.0	30.0	463	133	314	0.40	
11/19/1997	0.0	0.0	0.0	13.0	7.0	12.0	74.0	70.0	72.0	31.0	27.0	30.0	414	116	309	0.45	72.0	67.0	69.0	31.0	28.0	30.0	463	133	314	0.40	
11/20/1997	0.0	0.0	0.0	13.0	5.0	13.0	74.0	70.0	72.0	31.0	28.0	30.0	410	116	309	0.45	72.0	67.0	69.0	31.0	28.0	30.0	463	133	314	0.40	
11/21/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	72.0	31.0	30.0	31.0	404	116	309	0.45	71.0	67.0	69.0	31.0	30.0	31.0	463	133	314	0.40	
11/22/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	72.0	32.0	30.0	31.0	403	116	309	0.45	73.0	68.0	69.0	32.0	30.0	31.0	463	133	314	0.40	
11/23/1997	0.0	0.0	0.0	13.0	13.0	12.0	74.0	71.0	72.0	32.0	30.0	31.0	406	116	309	0.45	71.0	67.0	68.0	32.0	30.0	31.0	463	133	314	0.40	
11/24/1997	0.0	0.0	0.0	13.0	9.0	13.0	73.0	70.0	71.0	31.0	28.0	30.0	406	116	309	0.45	69.0	67.0	68.0	31.0	28.0	30.0	463	133	314	0.40	
11/25/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	71.0	31.0	30.0	31.0	404	116	309	0.45	70.0	66.0	67.0	31.0	30.0	31.0	463	133	314	0.40	
11/26/1997	0.0	0.0	0.0	13.0	13.0	13.0	73.0	70.0	71.0	32.0	30.0	31.0	403	116	309	0.45	70.0	66.0	67.0	31.0	30.0	31.0	463	133	314	0.40	
11/27/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	72.0	31.0	30.0	31.0	400	116	309	0.45	71.0	65.0	67.0	31.0	30.0	31.0	463	133	314	0.40	
11/28/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	70.0	73.0	31.0	30.0	31.0	400	116	309	0.45	70.0	65.0	68.0	31.0	30.0	31.0	463	133	314	0.40	
11/29/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	71.0	72.0	32.0	30.0	31.0	400	116	309	0.45	68.0	66.0	67.0	32.0	30.0	31.0	463	133	314	0.40	
11/30/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	72.0	33.0	30.0	31.0	400	116	309	0.45	71.0	66.0	67.0	33.0	30.0	31.0	463	133	314	0.40	
12/1/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	31.0	30.0	30.0	403	349	358	0.52	69.0	63.0	66.0	31.0	30.0	30.0	471	332	406	0.59	
12/2/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	68.0	71.0	32.0	30.0	30.0	406	0	227	0.43	69.0	62.0	65.0	32.0	30.0	30.0	463	133	314	0.40	
12/3/1997	0.0	0.0	0.0	13.0	9.0	12.0	75.0	69.0	71.0	31.0	27.0	30.0	404	116	309	0.45	68.0	62.0	65.0	31.0	27.0	30.0	463	133	314	0.40	
12/4/1997	0.0	0.0	0.0	12.0	12.0	12.0	71.0	70.0	70.0	30.0	30.0	30.0	406	116	309	0.45	65.0	63.0	64.0	30.0	30.0	30.0	463	133	314	0.40	
12/5/1997	0.0	0.0	0.0	13.0	12.0	12.0	81.0	68.0	71.0	100.0	30.0	33.0	1315	0	263	0.33	68.0	0.0	61.0	30.0	30.0	859	0	212	0.29		
12/6/1997	0.0	0.0	0.0	13.0	12.0	12.0	90.0	67.0	70.0	100.0	29.0	34.0	1185	0	222	0.28	67.0	0.0	59.0	32.0	29.0	30.0	0	0	231	0.28	
12/7/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	
12/8/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	
12/9/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	
12/10/1997	0.0	0.0	0.0	12.0	11.0	12.0	75.0	69.0	72.0	32.0	25.0	30.0	400	0	246	0.42	67.0	62.0	65.0	32.0	25.0	30.0	463	133	314	0.40	
12/11/1997	0.0	0.0	0.0	12.0	12.0	12.0	76.0	71.0	72.0	32.0	30.0	30.0	400	116	309	0.45	68.0	63.0	65.0	32.0	30.0	30.0	463	133	314	0.40	
12/12/1997	0.0	0.0	0.0	12.0	12.0	12.0	76.0	71.0	72.0	35.0	29.0	30.0	416	116	309	0.45	68.0	63.0	65.0	34.0	29.0	30.0	463	133	314	0.40	
12/13/1997	0.0	0.0	0.0	12.0	12.0	12.0	74.0	70.0	72.0	32.0	29.0	30.0	400	116	309	0.45	67.0	62.0	64.0	32.0	29.0	30.0	463	133	314	0.40	
12/14/1997	0.0	0.0	0.0	12.0	12.0	12.0	70.0	67.0	69.0	32.0	29.0	30.0	400	116	309	0.45	62.0	60.0	61.0	32.0	29.0	30.0	463	133	314	0.40	
12/15/1997	0.0	0.0	0.0	12.0	12.0	12.0	70.0	67.0	68.0	32.0	30.0	30.0	400	116	309	0.45	63.0	59.0	60.0	32.0	30.0	30.0	463	133	314	0.40	
12/16/1997	0.0	0.0	0.0	12.0	12.0	12.0	72.0	66.0	68.0	30.0	30.0	30.0	400	116	309	0.45	64.0	59.0	61.0	30.0	30.0	30.0	463	133	314	0.40	
12/17/1997	0.0	0.0	0.0	12.0	6.0	12.0	73.0	66.0	69.0	30.0	26.0	29.0	407	116	309	0.45	64.0	58.0	61.0	30.0	26.0	30.0	463	133	314	0.40	
12/18/1997	0.0	0.0	0.0	12.0	12.0	12.0	70.0	66.0	68.0	31.0	30.0	30.0	400	116	309	0.45	63.0	57.0	59.0	31.0	30.0	30.0	463	133	314	0.40	
12/19/1997	0.0	0.0	0.0	12.0	12.0	12.0	73.0	67.0	69.0	30.0	30.0	30.0	400	116	309	0.45	65.0	58.0	60.0	30.0	30.0	30.0	463	133	314	0.40	
12/20/1997	0.0	0.0	0.0	12.0	12.0	12.0	74.0	67.0	70.0	30.0	30.0	30.0	400	116	309	0.45	65.0	58.0	61.0	30.0	30.0	30.0	463	133	314	0.40	
12/21/1997	0.0	0.0	0.0	13.0	12.0	12.0	74.0	70.0	71.0	31.0	30.0	30.0	400	116	309	0.45	64.0	60.0	62.0	31.0	30.0	30.0	463	133	314	0.40	
12/22/1997	0.0	0.0	0.0	12.0	12.0	12.0	75.0	70.0	72.0	32.0	30.0	30.0	400	116	309	0.45	65.0	60.0	62.0	31.0	30.0	30.0	463	133	314	0.40	
12/23/1997	0.0	0.0	0.0	12.0	8.0	12.0	74.0	70.0	72.0	31.0	26.0	30.0	400	116	309	0.45	65.0	60.0	62.0	32.0	30.0	30.0	463	133	314	0.40	
12/24/1997	0.0	0.0	0.0	13.0	12.0	12.0	74.0	71.0	72.0	31.0	30.0	30.0	400	116	309	0.45	64.0	60.0	61.0	31.0	26.0	30.0	463	133	314	0.40	
12/25/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	71.0	72.0	31.0	30.0	30.0	400	116	309	0.45	64.0	60.0	61.0	31.0	30.0	30.0	463	133	314	0.40	
12/26/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	72.0	30.0	30.0	30.0	400	116	309	0.45	64.0	60.0	62.0	31.0	30.0	30.0	463	133	314	0.40	
12/27/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	68.0	71.0	30.0	30.0	30.0	400	116	309	0.45	65.0	60.0	62.0	30.0	30.0	30.0	463	133	314	0.40	
12/28/1997	0.0	0.0	0.0	13.0	13.0	13.0	71.0	67.0	68.0	30.0	30.0	30.0	400	116	309	0.45	64.0	59.0	61.0	30.0	30.0	30.0	463	133	314	0.40	
12/29/1997	0.0	0.0	0.0	13.0	13.0	13.0	70.0	67.0	68.0	30.0	30.0	30.0	400	116	309	0.45	62.0	57.0	59.0	30.0	30.0	30.0	463	133	314	0.40	
12/30/1997	0.0	0.0	0.0	13.0	6.0	12.0	71.0	66.0	68.0	30.0	27.0	30.0	400	116	309	0.45	60.0	57.0	58.0	30.0	27.0	30.0	463	133	314	0.40	
12/31/1997	0.0	0.0	0.0	13.0	12.0	12.0	74.0	66.0	69.0	30.0	30.0	30.0	400	116	309	0.45	60.0	55.0	58.0	33.0	27.0	30.0	463	133	314	0.40	
1/1/1998	0.0	0.0	0.0	12.0	12.0	12.0	71.0	66.0	69.0	30.0	30.0	30.0	400	116	309	0.45	62.0	55.0	58.0	30.0	30.0	30.0	463	133	314	0.40	

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min
9/24/1997	0.0	0.0	0.0	13.0	13.0	13.0	79	72	74	31	30	33	295	75	176	0.00	66.0	55.0	62.0	31.0	30.0	30.0	192	0	28	0.06		
9/25/1997	0.0	0.0	0.0	13.0	13.0	13.0	79	72	74	34	30	30	634	252	344	0.00	68.0	62.0	65.0	34.0	30.0	30.0	371	0	38	0.23		
9/26/1997	0.0	0.0	0.0	13.0	13.0	13.0	77	73	75	38	30	30	950	0	383	0.00	67.0	63.0	65.0	38.0	30.0	30.0	1190	0	250	0.90		
9/27/1997	0.0	0.0	0.0	13.0	13.0	13.0	78	72	74	33	30	30	428	0	123	0.00	67.0	63.0	64.0	32.0	29.0	31.0	324	0	111	0.39		
9/28/1997	0.0	0.0	0.0	13.0	13.0	13.0	77	72	73	33	30	30	0	0	0	0.00	66.0	63.0	64.0	33.0	30.0	33.0	320	0	28	0.00		
9/29/1997							75	72	74	31	29	31	309	235	297	0.00												0.07
9/30/1997							78	71	76	32	29	31	314	156	250	0.00												0.21
10/1/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	72.0	74.0	31.0	31.0	31.0	329	287	283	0.00	67.0	62.0	64.0	31.0	31.0	31.0	300	0	4	0.00		
10/2/1997	0.0	0.0	0.0	13.0	13.0	6.0	79.0	71.0	74.0	31.0	28.0	31.0	431	0	200	0.00	69.0	61.0	64.0	31.0	28.0	30.0	337	0	30	0.14		
10/3/1997	0.0	0.0	0.0	13.0	13.0	13.0	80.0	71.0	74.0	32.0	31.0	31.0	400	0	80	0.00	73.0	63.0	67.0	32.0	30.0	31.0	323	0	10	0.22		
10/4/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	72.0	74.0	35.0	30.0	31.0	590	0	140	0.00	75.0	67.0	71.0	35.0	30.0	31.0	450	0	214	0.21		
10/5/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	30.0	30.0	30.0	57	0	3	0.00	75.0	70.0	72.0	30.0	29.0	30.0	49	0	3	0.00		
10/6/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	73.0	33.0	30.0	31.0	280	0	114	0.00	73.0	69.0	71.0	32.0	29.0	31.0	277	0	185	0.28		
10/7/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	72.0	74.0	31.0	30.0	31.0	422	228	224	0.00	75.0	70.0	72.0	31.0	30.0	30.0	430	0	303	0.46		
10/8/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	31.0	30.0	30.0	312	192	211	0.00	74.0	69.0	72.0	31.0	29.0	30.0	280	0	135	0.18		
10/9/1997	0.0	0.0	0.0	13.0	5.0	13.0	77.0	72.0	73.0	31.0	28.0	30.0	330	118	234	0.00	74.0	69.0	71.0	31.0	27.0	30.0	300	182	237	0.94		
10/10/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	72.0	31.0	30.0	31.0	312	41	32	0.00	73.0	69.0	70.0	31.0	29.0	30.0	320	0	122	0.22		
10/11/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	73.0	34.0	30.0	31.0	328	252	277	0.00	73.0	69.0	71.0	33.0	29.0	30.0	300	0	253	0.37		
10/12/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	73.0	37.0	30.0	31.0	325	0	289	0.00	73.0	69.0	71.0	37.0	29.0	30.0	1097	0	216	0.57		
10/13/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	72.0	73.0	31.0	30.0	30.0	278	183	224	0.00	72.0	69.0	70.0	31.0	29.0	31.0	301	11	183	0.29		
10/14/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	72.0	74.0	31.0	30.0	31.0	328	164	223	0.00	73.0	68.0	70.0	31.0	30.0	30.0	268	18	112	0.29		
10/15/1997	0.0	0.0	0.0	13.0	5.0	13.0	74.0	72.0	74.0	31.0	26.0	30.0	277	0	255	0.00	72.0	67.0	69.0	31.0	26.0	30.0	252	15	159	0.22		
10/16/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	73.0	33.0	30.0	30.0	277	0	233	0.00	71.0	67.0	68.0	33.0	29.0	30.0	428	0	122	0.18		
10/17/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	73.0	32.0	30.0	31.0	324	82	278	0.00	75.0	66.0	69.0	31.0	30.0	31.0	307	0	184	0.27		
10/18/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	73.0	33.0	30.0	31.0	320	0	133	0.00	72.0	66.0	68.0	32.0	29.0	30.0	308	0	84	0.26		
10/19/1997	0.0	0.0	0.0	13.0	13.0	13.0	71.0	71.0	72.0	32.0	30.0	31.0	329	0	113	0.00	69.0	66.0	66.0	32.0	29.0	30.0	300	0	171	0.19		
10/20/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	71.0	31.0	30.0	31.0	400	322	372	0.00	85.0	75.0	82.0	31.0	30.0	30.0	417	269	282	0.42		
10/21/1997	0.0	0.0	0.0	13.0	9.0	13.0	77.0	69.0	73.0	31.0	30.0	31.0	307	217	257	0.00	83.0	78.0	80.0	31.0	30.0	30.0	301	139	254	0.40		
10/22/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	73.0	31.0	25.0	30.0	375	177	291	0.00	83.0	77.0	80.0	31.0	25.0	30.0	300	31	216	0.31		
10/23/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	71.0	74.0	31.0	30.0	31.0	325	230	224	0.00	78.0	60.0	72.0	31.0	30.0	30.0	277	0	124	0.30		
10/24/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	72.0	72.0	31.0	30.0	31.0	319	287	283	0.00	83.0	78.0	81.0	31.0	30.0	30.0	318	0	243	0.37		
10/25/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	74.0	32.0	30.0	31.0	411	0	224	0.00	84.0	77.0	80.0	32.0	30.0	30.0	442	0	249	0.37		
10/26/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	33.0	30.0	31.0	307	0	320	0.00	83.0	78.0	79.0	33.0	29.0	30.0	328	0	194	0.18		
10/27/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	72.0	74.0	34.0	30.0	31.0	404	0	318	0.00	82.0	77.0	79.0	33.0	30.0	31.0	312	0	266	0.43		
10/28/1997	0.0	0.0	0.0	13.0	13.0	13.0	72.0	71.0	74.0	32.0	30.0	31.0	412	0	232	0.00	79.0	75.0	76.0	33.0	29.0	30.0	245	0	241	0.30		
10/29/1997	0.0	0.0	0.0	13.0	5.0	13.0	77.0	70.0	71.0	31.0	27.0	30.0	408	140	271	0.00	81.0	75.0	76.0	31.0	27.0	30.0	337	0	213	0.29		
10/30/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	72.0	31.0	30.0	30.0	328	0	316	0.00	79.0	74.0	76.0	31.0	29.0	30.0	378	0	144	0.24		
10/31/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	73.0	32.0	30.0	31.0	320	0	227	0.00	80.0	75.0	76.0	32.0	29.0	30.0	327	0	203	0.29		
11/1/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	72.0	74.0	32.0	30.0	31.0	331	0	220	0.00	80.0	76.0	77.0	32.0	30.0	31.0	301	0	280	0.36		
11/2/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	72.0	74.0	32.0	30.0	31.0	420	0	277	0.00	81.0	76.0	77.0	32.0	30.0	31.0	325	0	259	0.29		
11/3/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	71.0	31.0	30.0	30.0	307	151	222	0.00	80.0	73.0	75.0	31.0	30.0	30.0	273	0	151	0.24		
11/4/1997	0.0	0.0	0.0	13.0	13.0	13.0	80.0	73.0	76.0	32.0	30.0	31.0	500	100	300	0.00	67.0	62.0	64.0	32.0	30.0	31.0	104	0	17	0.30		
11/5/1997	0.0	0.0	0.0	13.0	13.0	13.0	73.0	71.0	72.0	31.0	30.0	31.0	300	262	267	0.00	75.0	73.0	73.0	31.0	30.0	31.0	318	280	274	0.51		
11/6/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	70.0	73.0	31.0	30.0	30.0	300	267	250	0.00	80.0	72.0	75.0	31.0	30.0	30.0	285	24	229	0.33		
11/7/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	70.0	72.0	31.0	30.0	31.0	429	30	300	0.00	78.0	71.0	74.0	31.0	30.0	31.0	477	1	303	0.46		
11/8/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	32.0	30.0	31.0	416	0	280	0.00	76.0	70.0	72.0	32.0	30.0	31.0	351	0	290	0.37		
11/9/1997	0.0	0.0	0.0	14.0	13.0	13.0	80.0	73.0	75.0	33.0	30.0	32.0	300	0	12	0.00	66.0	60.0	61.0	33.0	30.0	32.0	330	0	28	0.36		
11/10/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	70.0	73.0	31.0	30.0	31.0	414	240	311	0.00	77.0	69.0	73.0	31.0	30.0	31.0	451	210	302	0.49		
11/11/1997	0.0	0.0	0.0	13.0	13.0	13.0	78.0	70.0	73.0	31.0	30.0	30.0	332	142	252	0.00	77.0	69.0	72.0	31.0	30.0	30.0	300	104	233	0.34		
11/12/1997	0.0	0.0	0.0	13.0	5.0	13.0	79.0	70.0	73.0	31.0	27.0	30.0	400	132	223	0.00	74.0	65.0	71.0	31.0	27.0	30.0	261	148	280	0.43		
11/13/1997																												

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max
11/14/1997	0.0	0.0	0.0	13.0	13.0	13.0	73.0	71.0	73.0	31.0	30.0	31.0	407	116	309	0.45	72.0	70.0	71.0	31.0	30.0	31.0	463	133	314	0.40	
11/15/1997	0.0	0.0	0.0	13.0	13.0	13.0	77.0	70.0	72.0	33.0	30.0	31.0	407	116	309	0.45	76.0	68.0	71.0	33.0	30.0	31.0	463	133	314	0.40	
11/16/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	72.0	33.0	30.0	31.0	473	116	309	0.45	75.0	68.0	70.0	33.0	30.0	31.0	463	133	314	0.40	
11/17/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	35.0	30.0	32.0	406	116	309	0.45	73.0	67.0	69.0	35.0	31.0	32.0	463	133	314	0.40	
11/18/1997	0.0	0.0	0.0	14.0	13.0	13.0	76.0	69.0	72.0	31.0	30.0	30.0	406	116	309	0.45	73.0	66.0	69.0	31.0	30.0	30.0	463	133	314	0.40	
11/19/1997	0.0	0.0	0.0	13.0	7.0	12.0	74.0	70.0	72.0	31.0	27.0	30.0	414	116	309	0.45	72.0	67.0	69.0	31.0	28.0	30.0	463	133	314	0.40	
11/20/1997	0.0	0.0	0.0	13.0	5.0	13.0	74.0	70.0	72.0	31.0	28.0	30.0	410	116	309	0.45	72.0	67.0	69.0	31.0	28.0	30.0	463	133	314	0.40	
11/21/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	72.0	31.0	30.0	31.0	404	116	309	0.45	71.0	67.0	69.0	31.0	30.0	31.0	463	133	314	0.40	
11/22/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	72.0	32.0	30.0	31.0	403	116	309	0.45	73.0	68.0	69.0	32.0	30.0	31.0	463	133	314	0.40	
11/23/1997	0.0	0.0	0.0	13.0	13.0	12.0	74.0	71.0	72.0	32.0	30.0	31.0	406	116	309	0.45	71.0	67.0	68.0	32.0	30.0	31.0	463	133	314	0.40	
11/24/1997	0.0	0.0	0.0	13.0	9.0	13.0	73.0	70.0	71.0	31.0	28.0	30.0	406	116	309	0.45	69.0	67.0	68.0	31.0	28.0	30.0	463	133	314	0.40	
11/25/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	71.0	31.0	30.0	31.0	404	116	309	0.45	70.0	66.0	67.0	31.0	30.0	31.0	463	133	314	0.40	
11/26/1997	0.0	0.0	0.0	13.0	13.0	13.0	73.0	70.0	71.0	32.0	30.0	31.0	403	116	309	0.45	70.0	66.0	67.0	31.0	30.0	31.0	463	133	314	0.40	
11/27/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	72.0	31.0	30.0	31.0	400	116	309	0.45	71.0	65.0	67.0	31.0	30.0	31.0	463	133	314	0.40	
11/28/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	70.0	73.0	31.0	30.0	31.0	400	116	309	0.45	70.0	65.0	68.0	31.0	30.0	31.0	463	133	314	0.40	
11/29/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	71.0	72.0	32.0	30.0	31.0	400	116	309	0.45	68.0	66.0	67.0	32.0	30.0	31.0	463	133	314	0.40	
11/30/1997	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	72.0	33.0	30.0	31.0	400	116	309	0.45	71.0	66.0	67.0	33.0	30.0	31.0	463	133	314	0.40	
12/1/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	31.0	30.0	30.0	403	349	358	0.52	69.0	63.0	66.0	31.0	30.0	30.0	471	332	406	0.59	
12/2/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	68.0	71.0	32.0	30.0	30.0	406	0	227	0.43	69.0	62.0	65.0	32.0	30.0	30.0	463	133	314	0.40	
12/3/1997	0.0	0.0	0.0	13.0	9.0	12.0	75.0	69.0	71.0	31.0	27.0	30.0	404	116	309	0.45	68.0	62.0	65.0	31.0	27.0	30.0	463	133	314	0.40	
12/4/1997	0.0	0.0	0.0	12.0	12.0	12.0	71.0	70.0	70.0	30.0	30.0	30.0	406	116	309	0.45	65.0	63.0	64.0	30.0	30.0	30.0	463	133	314	0.40	
12/5/1997	0.0	0.0	0.0	13.0	12.0	12.0	81.0	68.0	71.0	100.0	30.0	33.0	1315	0	263	0.33	68.0	0.0	61.0	30.0	30.0	30.0	859	0	212	0.29	
12/6/1997	0.0	0.0	0.0	13.0	12.0	12.0	90.0	67.0	70.0	100.0	29.0	34.0	1185	0	222	0.28	67.0	0.0	59.0	32.0	29.0	30.0	1185	0	231	0.28	
12/7/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	
12/8/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	
12/9/1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	
12/10/1997	0.0	0.0	0.0	12.0	11.0	12.0	75.0	69.0	72.0	32.0	25.0	30.0	400	0	246	0.42	67.0	62.0	65.0	32.0	25.0	30.0	463	133	314	0.40	
12/11/1997	0.0	0.0	0.0	12.0	12.0	12.0	76.0	71.0	72.0	32.0	30.0	30.0	400	116	309	0.45	68.0	63.0	65.0	32.0	30.0	30.0	463	133	314	0.40	
12/12/1997	0.0	0.0	0.0	12.0	12.0	12.0	76.0	71.0	72.0	35.0	29.0	30.0	416	116	309	0.45	68.0	63.0	65.0	34.0	29.0	30.0	463	133	314	0.40	
12/13/1997	0.0	0.0	0.0	12.0	12.0	12.0	74.0	70.0	72.0	32.0	29.0	30.0	400	116	309	0.45	67.0	62.0	64.0	32.0	29.0	30.0	463	133	314	0.40	
12/14/1997	0.0	0.0	0.0	12.0	12.0	12.0	70.0	67.0	69.0	32.0	29.0	30.0	400	116	309	0.45	62.0	60.0	61.0	32.0	29.0	30.0	463	133	314	0.40	
12/15/1997	0.0	0.0	0.0	12.0	12.0	12.0	70.0	67.0	68.0	32.0	30.0	30.0	400	116	309	0.45	63.0	59.0	60.0	32.0	30.0	30.0	463	133	314	0.40	
12/16/1997	0.0	0.0	0.0	12.0	12.0	12.0	72.0	66.0	68.0	30.0	30.0	30.0	400	116	309	0.45	64.0	59.0	61.0	30.0	30.0	30.0	463	133	314	0.40	
12/17/1997	0.0	0.0	0.0	12.0	6.0	12.0	73.0	66.0	69.0	30.0	26.0	29.0	407	116	309	0.45	64.0	58.0	61.0	30.0	26.0	30.0	463	133	314	0.40	
12/18/1997	0.0	0.0	0.0	12.0	12.0	12.0	70.0	66.0	68.0	31.0	30.0	30.0	400	116	309	0.45	63.0	57.0	59.0	31.0	30.0	30.0	463	133	314	0.40	
12/19/1997	0.0	0.0	0.0	12.0	12.0	12.0	73.0	67.0	69.0	30.0	30.0	30.0	400	116	309	0.45	65.0	58.0	60.0	30.0	30.0	30.0	463	133	314	0.40	
12/20/1997	0.0	0.0	0.0	12.0	12.0	12.0	74.0	67.0	70.0	30.0	30.0	30.0	400	116	309	0.45	65.0	58.0	61.0	30.0	30.0	30.0	463	133	314	0.40	
12/21/1997	0.0	0.0	0.0	13.0	12.0	12.0	74.0	70.0	71.0	31.0	30.0	30.0	400	116	309	0.45	64.0	60.0	62.0	31.0	30.0	30.0	463	133	314	0.40	
12/22/1997	0.0	0.0	0.0	12.0	12.0	12.0	75.0	70.0	72.0	32.0	30.0	30.0	400	116	309	0.45	65.0	60.0	62.0	32.0	30.0	30.0	463	133	314	0.40	
12/23/1997	0.0	0.0	0.0	12.0	8.0	12.0	74.0	70.0	72.0	31.0	26.0	30.0	400	116	309	0.45	65.0	60.0	62.0	31.0	26.0	30.0	463	133	314	0.40	
12/24/1997	0.0	0.0	0.0	13.0	12.0	12.0	74.0	71.0	72.0	31.0	30.0	30.0	400	116	309	0.45	64.0	60.0	61.0	31.0	26.0	30.0	463	133	314	0.40	
12/25/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	71.0	72.0	31.0	30.0	30.0	400	116	309	0.45	64.0	60.0	61.0	31.0	30.0	30.0	463	133	314	0.40	
12/26/1997	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	72.0	30.0	30.0	30.0	400	116	309	0.45	64.0	60.0	62.0	31.0	30.0	30.0	463	133	314	0.40	
12/27/1997	0.0	0.0	0.0	13.0	13.0	13.0	74.0	68.0	71.0	30.0	30.0	30.0	400	116	309	0.45	65.0	60.0	62.0	30.0	30.0	30.0	463	133	314	0.40	
12/28/1997	0.0	0.0	0.0	13.0	13.0	13.0	71.0	67.0	68.0	30.0	30.0	30.0	400	116	309	0.45	64.0	59.0	61.0	30.0	30.0	30.0	463	133	314	0.40	
12/29/1997	0.0	0.0	0.0	13.0	13.0	13.0	70.0	67.0	68.0	30.0	30.0	30.0	400	116	309	0.45	62.0	57.0	59.0	30.0	30.0	30.0	463	133	314	0.40	
12/30/1997	0.0	0.0	0.0	13.0	6.0	12.0	71.0	66.0	68.0	30.0	27.0	30.0	400	116	309	0.45	60.0	57.0	58.0	30.0	27.0	30.0	463	133	314	0.40	
12/31/1997	0.0	0.0	0.0	13.0	12.0	12.0	74.0	66.0	69.0	30.0	30.0	30.0	400	116	309	0.45	60.0	55.0	58.0	33.0	27.0	30.0	463	133	314	0.40	
1/1/1998	0.0	0.0	0.0	12.0	12.0	12.0	71.0	66.0	69.0	30.0	30.0	30.0	400	116	309	0.45	62.0	55.0	58.0	30.0	30.0	30.0	463	133	314		

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (GPM)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (GPM)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
1/6/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	71.0	30.0	30.0	30.0	174	124	124	0.24	62.0	58.0	59.0	30.0	30.0	30.0	213	220	221	0.28		
1/8/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	70.0	71.0	30.0	29.0	30.0	165	124	124	0.24	61.0	58.0	59.0	30.0	29.0	30.0	213	220	221	0.28		
1/9/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	71.0	33.0	30.0	30.0	165	124	124	0.24	61.0	58.0	59.0	33.0	30.0	30.0	220	220	220	0.28		
1/17/1996	0.0	0.0	0.0	13.0	8.0	12.0	74.0	71.0	72.0	31.0	27.0	30.0	167	124	124	0.24	61.0	59.0	59.0	31.0	26.0	30.0	220	220	220	0.28		
1/18/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	72.0	31.0	30.0	30.0	165	124	124	0.24	62.0	57.0	59.0	31.0	30.0	30.0	220	220	220	0.28		
1/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	31.0	30.0	30.0	165	124	124	0.24	63.0	57.0	59.0	31.0	30.0	30.0	220	220	220	0.28		
1/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	68.0	70.0	31.0	30.0	30.0	165	124	124	0.24	61.0	56.0	58.0	31.0	30.0	30.0	220	220	220	0.27		
1/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	68.0	70.0	31.0	31.0	31.0	164	124	124	0.24	62.0	55.0	58.0	31.0	30.0	31.0	220	220	220	0.27		
1/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	67.0	70.0	31.0	30.0	30.0	165	124	124	0.24	60.0	55.0	57.0	31.0	30.0	30.0	220	220	220	0.28		
1/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	68.0	71.0	31.0	30.0	30.0	165	124	124	0.24	61.0	55.0	57.0	31.0	30.0	30.0	220	220	220	0.28		
1/19/1996	0.0	0.0	0.0	13.0	10.0	12.0	74.0	68.0	71.0	31.0	28.0	31.0	167	124	124	0.24	60.0	55.0	57.0	31.0	28.0	31.0	220	220	220	0.28		
1/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	69.0	71.0	31.0	30.0	31.0	165	124	124	0.24	59.0	56.0	57.0	31.0	30.0	31.0	220	220	220	0.28		
1/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	68.0	70.0	31.0	31.0	31.0	165	124	124	0.24	60.0	55.0	57.0	31.0	31.0	31.0	220	220	220	0.28		
1/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	72.0	66.0	68.0	32.0	30.0	30.0	165	124	124	0.24	60.0	53.0	56.0	32.0	30.0	30.0	220	220	220	0.28		
1/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	66.0	69.0	31.0	31.0	31.0	165	124	124	0.24	60.0	53.0	56.0	31.0	31.0	31.0	220	220	220	0.27		
1/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	72.0	68.0	70.0	31.0	30.0	30.0	165	124	124	0.24	58.0	54.0	56.0	31.0	30.0	30.0	220	220	220	0.28		
1/20/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	70.0	31.0	30.0	30.0	165	124	124	0.24	60.0	55.0	56.0	31.0	30.0	30.0	220	220	220	0.28		
1/21/1996	0.0	0.0	0.0	13.0	7.0	12.0	73.0	69.0	70.0	31.0	28.0	30.0	165	124	124	0.24	58.0	55.0	56.0	31.0	28.0	30.0	220	220	220	0.27		
1/22/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	69.0	71.0	31.0	30.0	30.0	165	124	124	0.24	58.0	55.0	56.0	31.0	30.0	30.0	220	220	220	0.27		
1/23/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	71.0	31.0	30.0	31.0	165	124	124	0.24	70.0	56.0	57.0	31.0	30.0	31.0	220	220	220	0.28		
1/24/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	68.0	71.0	32.0	30.0	30.0	165	124	124	0.24	58.0	54.0	56.0	32.0	30.0	30.0	220	220	220	0.27		
1/25/1996	0.0	0.0	0.0	13.0	13.0	13.0	70.0	67.0	68.0	37.0	29.0	31.0	164	124	124	0.24	57.0	53.0	54.0	36.0	29.0	31.0	220	220	220	0.24		
1/26/1996	0.0	0.0	0.0	13.0	13.0	13.0	72.0	69.0	70.0	32.0	31.0	31.0	164	124	124	0.24	56.0	54.0	55.0	32.0	31.0	31.0	220	220	220	0.28		
1/27/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	68.0	70.0	32.0	30.0	30.0	165	124	124	0.24	57.0	54.0	55.0	32.0	30.0	30.0	220	220	220	0.28		
1/28/1996	0.0	0.0	0.0	13.0	6.0	12.0	72.0	67.0	68.0	30.0	27.0	30.0	162	124	124	0.24	56.0	52.0	54.0	30.0	27.0	30.0	220	220	220	0.28		
1/29/1996	0.0	0.0	0.0	13.0	12.0	13.0	74.0	65.0	68.0	31.0	30.0	30.0	165	124	124	0.24	64.0	51.0	58.0	31.0	30.0	30.0	220	220	220	0.28		
1/30/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	66.0	69.0	31.0	30.0	30.0	165	124	124	0.24	66.0	58.0	62.0	31.0	30.0	30.0	220	220	220	0.28		
1/31/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	67.0	69.0	37.0	29.0	30.0	165	124	124	0.24	67.0	60.0	62.0	37.0	29.0	30.0	220	220	220	0.28		
2/1/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	67.0	70.0	33.0	30.0	31.0	162	124	124	0.24	66.0	59.0	62.0	33.0	30.0	31.0	220	220	220	0.28		
2/2/1996	0.0	0.0	0.0	13.0	13.0	13.0	72.0	69.0	71.0	34.0	30.0	31.0	161	124	124	0.24	64.0	62.0	63.0	34.0	30.0	31.0	220	220	220	0.28		
2/3/1996	0.0	0.0	0.0	13.0	13.0	13.0	71.0	69.0	70.0	31.0	30.0	30.0	165	124	124	0.24	63.0	61.0	62.0	31.0	30.0	30.0	220	220	220	0.28		
2/4/1996	0.0	0.0	0.0	13.0	9.0	12.0	72.0	68.0	69.0	34.0	28.0	30.0	165	124	124	0.24	63.0	60.0	61.0	34.0	28.0	30.0	220	220	220	0.28		
2/5/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	66.0	69.0	32.0	30.0	30.0	167	124	124	0.24	64.0	58.0	61.0	32.0	30.0	30.0	220	220	220	0.28		
2/6/1996	0.0	0.0	0.0	13.0	13.0	13.0	69.0	66.0	67.0	31.0	30.0	30.0	165	124	124	0.24	61.0	58.0	59.0	31.0	30.0	30.0	220	220	220	0.28		
2/7/1996	0.0	0.0	0.0	13.0	13.0	13.0	70.0	66.0	67.0	32.0	30.0	30.0	164	124	124	0.24	62.0	58.0	59.0	32.0	30.0	30.0	220	220	220	0.28		
2/8/1996	0.0	0.0	0.0	13.0	13.0	13.0	70.0	65.0	67.0	32.0	30.0	31.0	164	124	124	0.24	64.0	57.0	60.0	32.0	30.0	31.0	220	220	220	0.28		
2/9/1996	0.0	0.0	0.0	13.0	13.0	13.0	71.0	65.0	67.0	32.0	30.0	31.0	165	124	124	0.24	66.0	59.0	63.0	32.0	30.0	31.0	220	220	220	0.28		
2/10/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	66.0	69.0	31.0	30.0	30.0	165	124	124	0.24	69.0	61.0	64.0	31.0	30.0	30.0	220	220	220	0.28		
2/11/1996	0.0	0.0	0.0	13.0	7.0	12.0	72.0	67.0	69.0	31.0	27.0	30.0	165	124	124	0.24	67.0	62.0	64.0	31.0	27.0	30.0	220	220	220	0.28		
2/12/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	67.0	70.0	31.0	30.0	30.0	165	124	124	0.24	69.0	62.0	65.0	31.0	30.0	30.0	220	220	220	0.28		
2/13/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	67.0	70.0	31.0	29.0	30.0	167	124	124	0.24	68.0	62.0	65.0	31.0	29.0	30.0	220	220	220	0.27		
2/14/1996	0.0	0.0	0.0	13.0	13.0	13.0	72.0	68.0	69.0	32.0	29.0	30.0	165	124	124	0.24	69.0	62.0	64.0	32.0	29.0	30.0	220	220	220	0.28		
2/15/1996	0.0	0.0	0.0	13.0	13.0	13.0	71.0	68.0	70.0	33.0	30.0	31.0	165	124	124	0.24	65.0	62.0	64.0	33.0	30.0	31.0	220	220	220	0.28		
2/18/1996	0.0	0.0	0.0	13.0	5.0	13.0	73.0	27.0	69.0	32.0	12.0	30.0	165	124	124	0.24	66.0	24.0	63.0	32.0	12.0	30.0	220	220	220	0.28		
2/17/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	72.0	30.0	30.0	30.0	162	124	124	0.24	68.0	64.0	66.0	30.0	30.0	30.0	220	220	220	0.28		
2/18/1996	0.0	0.0	0.0	13.0	6.0	12.0	75.0	68.0	71.0	31.0	27.0	30.0	165	124	124	0.24	69.0	63.0	65.0	31.0	27.0	30.0	220	220	220	0.28		
2/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	69.0	71.0	31.0	30.0	30.0	165	124	124	0.24	66.0	63.0	64.0	31.0	30.0	30.0	220	220	220	0.28		
2/20/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	32.0	30.0	30.0	164	124	124	0.24	67.0	63.0	65.0	32.0	30.0	30.0	220	220	220	0.28		
2/21/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	68.0	70.0	32.0	29.0	30.0	165	124	124	0.24	68.0	62.0	64.0	32.0	29.0	3						

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Min		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Min	
4/16/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	31.0	29.0	30.0	4.1	2.8	2.9	1.23	70.0	65.0	67.0	31.0	30.0	30.0	2.1	2.8	2.9	0.41		
4/17/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	72.0	31.0	31.0	30.0	4.1	2.8	2.9	1.23	70.0	65.0	67.0	31.0	31.0	31.0	2.0	2.8	2.9	0.41		
4/18/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	72.0	32.0	31.0	31.0	4.1	2.8	2.9	1.23	70.0	65.0	67.0	32.0	29.0	30.0	2.0	2.8	2.9	0.41		
4/19/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	72.0	30.0	30.0	30.0	4.1	2.8	2.9	1.23	70.0	65.0	67.0	32.0	30.0	31.0	2.0	2.8	2.9	0.41		
4/20/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	71.0	31.0	27.0	31.0	4.1	2.8	2.9	1.23	71.0	64.0	67.0	31.0	31.0	31.0	2.0	2.8	2.9	0.41		
4/21/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	67.0	70.0	31.0	30.0	31.0	4.1	2.8	2.9	1.23	70.0	66.0	67.0	31.0	30.0	30.0	2.0	2.8	2.9	0.41		
4/22/1998	0.0	0.0	0.0	13.0	6.0	12.0	74.0	67.0	70.0	30.0	30.0	30.0	4.1	2.8	2.9	1.23	69.0	64.0	66.0	30.0	27.0	30.0	2.0	2.8	2.9	0.41		
4/23/1998	0.0	0.0	0.0	13.0	12.0	13.0	73.0	67.0	70.0	31.0	29.0	30.0	4.1	2.8	2.9	1.23	68.0	63.0	65.0	31.0	30.0	30.0	2.0	2.8	2.9	0.41		
4/24/1998	0.0	0.0	0.0	13.0	12.0	13.0	73.0	69.0	71.0	32.0	30.0	30.0	4.1	2.8	2.9	1.23	69.0	62.0	65.0	31.0	30.0	30.0	2.0	2.8	2.9	0.41		
4/25/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	72.0	31.0	30.0	31.0	4.1	2.8	2.9	1.23	69.0	62.0	65.0	32.0	29.0	30.0	2.0	2.8	2.9	0.41		
4/26/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	68.0	72.0	31.0	30.0	30.0	4.1	2.8	2.9	1.23	68.0	63.0	65.0	32.0	30.0	31.0	2.0	2.8	2.9	0.41		
4/27/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	68.0	71.0	32.0	29.0	30.0	4.1	2.8	2.9	1.23	68.0	64.0	66.0	31.0	30.0	31.0	2.0	2.8	2.9	0.41		
4/28/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	72.0	32.0	30.0	31.0	4.1	2.8	2.9	1.23	68.0	64.0	66.0	31.0	30.0	30.0	2.0	2.8	2.9	0.41		
4/29/1998	0.0	0.0	0.0	13.0	6.0	12.0	71.0	69.0	70.0	31.0	31.0	31.0	4.1	2.8	2.9	1.23	65.0	64.0	64.0	31.0	29.0	31.0	2.0	2.8	2.9	0.41		
4/30/1998	0.0	0.0	0.0	13.0	12.0	12.0	74.0	70.0	72.0	33.0	30.0	30.0	4.1	2.8	2.9	1.23	68.0	64.0	65.0	33.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/1/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	69.0	72.0	31.0	30.0	30.0	4.1	2.8	2.9	1.23	69.0	63.0	65.0	31.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/2/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	68.0	72.0	31.0	30.0	30.0	4.1	2.8	2.9	1.23	69.0	62.0	65.0	31.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/3/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	68.0	71.0	30.0	30.0	30.0	4.1	2.8	2.9	1.23	68.0	62.0	65.0	31.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/4/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	68.0	72.0	30.0	30.0	30.0	4.1	2.8	2.9	1.23	69.0	62.0	65.0	30.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/5/1998	0.0	0.0	0.0	13.0	8.0	12.0	76.0	69.0	72.0	34.0	28.0	30.0	4.1	2.8	2.9	1.23	69.0	63.0	64.0	33.0	28.0	30.0	2.0	2.8	2.9	0.41		
5/6/1998	0.0	0.0	0.0	13.0	12.0	13.0	76.0	67.0	72.0	31.0	31.0	31.0	4.1	2.8	2.9	1.23	68.0	62.0	65.0	31.0	31.0	31.0	2.0	2.8	2.9	0.41		
5/7/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	63.0	71.0	32.0	30.0	31.0	4.1	2.8	2.9	1.23	68.0	63.0	65.0	32.0	30.0	31.0	2.0	2.8	2.9	0.41		
5/8/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	60.0	70.0	32.0	30.0	30.0	4.1	2.8	2.9	1.23	68.0	63.0	65.0	32.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/9/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	8.0	64.0	32.0	0.0	28.0	4.1	2.8	2.9	1.23	68.0	51.0	64.0	32.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/10/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	0.0	30.0	30.0	0.0	7.0	4.1	2.8	2.9	1.23	67.0	50.0	57.0	30.0	30.0	25.0	2.0	2.8	2.9	0.41		
5/11/1998	0.0	0.0	0.0	13.0	13.0	13.0	73.0	49.0	62.0	33.0	0.0	19.0	4.1	2.8	2.9	1.23	66.0	57.0	62.0	33.0	34.0	21.0	2.0	2.8	2.9	0.41		
5/12/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	56.0	64.0	31.0	30.0	30.0	4.1	2.8	2.9	1.23	69.0	62.0	65.0	31.0	30.0	31.0	2.0	2.8	2.9	0.41		
5/13/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	56.0	62.0	31.0	30.0	31.0	4.1	2.8	2.9	1.23	68.0	62.0	65.0	31.0	30.0	31.0	2.0	2.8	2.9	0.41		
5/14/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	55.0	62.0	31.0	29.0	30.0	4.1	2.8	2.9	1.23	67.0	62.0	64.0	31.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/15/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	55.0	62.0	33.0	30.0	30.0	4.1	2.8	2.9	1.23	67.0	61.0	64.0	32.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/16/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	56.0	64.0	32.0	31.0	31.0	4.1	2.8	2.9	1.23	66.0	61.0	64.0	32.0	31.0	31.0	2.0	2.8	2.9	0.41		
5/17/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	57.0	67.0	31.0	31.0	31.0	4.1	2.8	2.9	1.23	68.0	61.0	64.0	31.0	31.0	31.0	2.0	2.8	2.9	0.41		
5/18/1998	0.0	0.0	0.0	13.0	11.0	13.0	76.0	61.0	70.0	31.0	30.0	31.0	4.1	2.8	2.9	1.23	68.0	62.0	64.0	31.0	30.0	31.0	2.0	2.8	2.9	0.41		
5/19/1998	0.0	0.0	0.0	13.0	7.0	12.0	78.0	70.0	73.0	31.0	28.0	30.0	4.1	2.8	2.9	1.23	68.0	62.0	64.0	31.0	28.0	30.0	2.0	2.8	2.9	0.41		
5/20/1998	0.0	0.0	0.0	13.0	12.0	13.0	78.0	70.0	73.0	31.0	30.0	30.0	4.1	2.8	2.9	1.23	69.0	61.0	64.0	31.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/21/1998	0.0	0.0	0.0	13.0	13.0	13.0	78.0	70.0	73.0	36.0	29.0	30.0	4.1	2.8	2.9	1.23	68.0	62.0	64.0	31.0	31.0	31.0	2.0	2.8	2.9	0.41		
5/22/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	70.0	73.0	34.0	30.0	31.0	4.1	2.8	2.9	1.23	68.0	61.0	64.0	36.0	29.0	30.0	2.0	2.8	2.9	0.41		
5/23/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	70.0	73.0	31.0	30.0	31.0	4.1	2.8	2.9	1.23	68.0	61.0	64.0	34.0	30.0	31.0	2.0	2.8	2.9	0.41		
5/24/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	70.0	73.0	31.0	30.0	31.0	4.1	2.8	2.9	1.23	67.0	62.0	64.0	31.0	30.0	31.0	2.0	2.8	2.9	0.41		
5/25/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	73.0	31.0	30.0	30.0	4.1	2.8	2.9	1.23	67.0	63.0	64.0	31.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/26/1998	0.0	0.0	0.0	13.0	7.0	12.0	77.0	71.0	73.0	31.0	28.0	30.0	4.1	2.8	2.9	1.23	67.0	63.0	64.0	31.0	28.0	30.0	2.0	2.8	2.9	0.41		
5/27/1998	0.0	0.0	0.0	12.0	12.0	12.0	74.0	71.0	72.0	34.0	30.0	31.0	4.1	2.8	2.9	1.23	65.0	62.0	63.0	34.0	30.0	31.0	2.0	2.8	2.9	0.41		
5/28/1998	0.0	0.0	0.0	13.0	12.0	12.0	74.0	70.0	71.0	31.0	30.0	31.0	4.1	2.8	2.9	1.23	66.0	62.0	63.0	31.0	30.0	30.0	2.0	2.8	2.9	0.41		
5/29/1998	0.0	0.0	0.0	13.0	12.0	13.0	78.0	70.0	72.0	33.0	29.0	30.0	4.1	2.8	2.9	1.23	68.0	61.0	63.0	33.0	29.0	30.0	2.0	2.8	2.9	0.41		
5/30/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	72.0	32.0	30.0	31.0	4.1	2.8	2.9	1.23	66.0	61.0	63.0	32.0	30.0	31.0	2.0	2.8	2.9	0.41		
5/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	73.0	33.0	30.0	31.0	4.1	2.8	2.9	1.23	67.0	61.0	64.0	33.0	30.0	31.0	2.0	2.8	2.9	0.41		
6/1/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	31.0	30.0	31.0	4.1	2.8	2.9	1.23	67.0	61.0	64.0	31.0	30.0	31.0	2.0	2.8	2.9	0.41		
6/2/1998	0.0	0.0	0.0	13.0	8.0	12.0	78.0	71.0	74.0	31.0	29.0	31.0	4.1	2.8	2.9	1.23	68.0	61.0	64.0	31.0	29.0	30.0	2.0	2.8	2.9	0.41		
6/3/1998	0.0	0.0	0.0	12.0	12.0	12.0	78.0	70.0	74.0	31.0	30.0	31.0	4.1	2.8	2.9	1.23	68.0	61.0	64.0	31								

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
6/7/1996	0.0	0.0	0.0	13.0	12.0	12.0	79.0	71.0	74.0	33.0	29.0	30.0	477	0	0	0.00	68.0	62.0	64.0	33.0	29.0	30.0	442	0	0	0.00
6/7/1996	0.0	0.0	0.0	13.0	12.0	12.0	79.0	72.0	75.0	32.0	31.0	31.0	477	269	264	0.55	69.0	62.0	65.0	32.0	31.0	31.0	442	241	241	0.53
6/8/1996	0.0	0.0	0.0	13.0	12.0	12.0	77.0	71.0	74.0	31.0	30.0	31.0	477	275	267	0.51	66.0	62.0	64.0	31.0	30.0	31.0	442	241	241	0.53
6/9/1996	0.0	0.0	0.0	13.0	12.0	12.0	76.0	71.0	73.0	31.0	30.0	30.0	477	275	267	0.51	65.0	61.0	63.0	31.0	30.0	30.0	442	241	241	0.53
6/10/1996	0.0	0.0	0.0	12.0	7.0	12.0	78.0	71.0	74.0	31.0	29.0	31.0	481	275	267	0.51	67.0	62.0	64.0	31.0	29.0	31.0	442	275	267	0.53
6/11/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	74.0	31.0	30.0	31.0	480	275	267	0.51	67.0	61.0	64.0	31.0	30.0	31.0	442	277	268	0.50
6/12/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	74.0	31.0	30.0	31.0	477	275	267	0.51	67.0	61.0	64.0	31.0	30.0	31.0	442	277	268	0.50
6/13/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	72.0	74.0	32.0	29.0	30.0	477	274	266	0.52	67.0	61.0	64.0	31.0	30.0	31.0	442	277	268	0.50
6/14/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	74.0	32.0	29.0	30.0	477	274	266	0.52	68.0	62.0	64.0	32.0	29.0	30.0	442	276	267	0.57
6/15/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	74.0	32.0	31.0	31.0	477	275	267	0.51	68.0	62.0	65.0	32.0	31.0	31.0	442	276	267	0.57
6/16/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	74.0	32.0	31.0	31.0	477	275	267	0.51	68.0	62.0	65.0	31.0	31.0	31.0	442	276	267	0.57
6/17/1996	0.0	0.0	0.0	12.0	6.0	12.0	78.0	72.0	74.0	31.0	29.0	31.0	448	268	264	0.49	68.0	62.0	65.0	31.0	31.0	31.0	442	276	267	0.57
6/18/1996	0.0	0.0	0.0	12.0	7.0	12.0	77.0	71.0	74.0	32.0	27.0	30.0	448	268	264	0.49	68.0	62.0	64.0	31.0	29.0	31.0	442	276	267	0.57
6/19/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	71.0	74.0	31.0	30.0	31.0	448	268	264	0.49	67.0	62.0	64.0	32.0	27.0	30.0	442	276	267	0.57
6/20/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	74.0	32.0	30.0	31.0	448	268	264	0.49	67.0	62.0	64.0	31.0	30.0	31.0	442	276	267	0.57
6/21/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	71.0	74.0	31.0	30.0	31.0	448	268	264	0.49	67.0	62.0	64.0	32.0	30.0	31.0	442	276	267	0.57
6/22/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	71.0	74.0	31.0	30.0	31.0	448	268	264	0.49	67.0	62.0	64.0	32.0	30.0	31.0	442	276	267	0.57
6/23/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	74.0	31.0	30.0	30.0	448	268	264	0.49	67.0	62.0	64.0	31.0	30.0	31.0	442	276	267	0.57
6/24/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	72.0	74.0	31.0	30.0	30.0	448	268	264	0.49	67.0	62.0	64.0	31.0	30.0	30.0	442	276	267	0.57
6/25/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	74.0	30.0	30.0	30.0	448	268	264	0.49	67.0	63.0	64.0	31.0	30.0	30.0	442	276	267	0.57
6/26/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	72.0	74.0	31.0	30.0	30.0	448	268	264	0.49	68.0	62.0	64.0	30.0	30.0	30.0	442	276	267	0.57
6/27/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	73.0	31.0	30.0	30.0	448	268	264	0.49	69.0	62.0	64.0	31.0	30.0	30.0	442	276	267	0.57
6/28/1996	0.0	0.0	0.0	12.0	12.0	12.0	77.0	70.0	73.0	30.0	30.0	30.0	448	268	264	0.49	68.0	62.0	64.0	31.0	30.0	30.0	442	276	267	0.57
6/29/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	71.0	73.0	31.0	30.0	30.0	448	268	264	0.49	68.0	61.0	64.0	30.0	30.0	30.0	442	276	267	0.57
6/30/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	73.0	31.0	30.0	31.0	448	268	264	0.49	68.0	62.0	64.0	31.0	30.0	30.0	442	276	267	0.57
7/1/1996	0.3	0.0	0.0	12.0	12.0	12.0	78.0	71.0	74.0	31.0	30.0	30.0	448	268	264	0.49	68.0	62.0	64.0	31.0	30.0	31.0	442	276	267	0.57
7/2/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	71.0	74.0	40.0	29.0	32.0	448	268	264	0.49	68.0	62.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/3/1996	0.0	0.0	0.0	12.0	12.0	12.0	80.0	71.0	75.0	31.0	29.0	30.0	448	268	264	0.49	69.0	62.0	65.0	31.0	29.0	30.0	442	276	267	0.57
7/4/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	72.0	74.0	31.0	30.0	30.0	448	268	264	0.49	70.0	63.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/5/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	72.0	74.0	31.0	30.0	30.0	448	268	264	0.49	69.0	63.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/6/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	72.0	75.0	31.0	30.0	30.0	448	268	264	0.49	69.0	63.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/7/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	69.0	73.0	33.0	30.0	31.0	448	268	264	0.49	69.0	63.0	66.0	31.0	30.0	30.0	442	276	267	0.57
7/8/1996	0.0	0.0	0.0	12.0	12.0	12.0	77.0	67.0	72.0	31.0	30.0	30.0	448	268	264	0.49	68.0	63.0	64.0	31.0	30.0	30.0	442	276	267	0.57
7/9/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	65.0	71.0	30.0	30.0	30.0	448	268	264	0.49	68.0	63.0	64.0	31.0	30.0	30.0	442	276	267	0.57
7/10/1996	0.0	0.0	0.0	12.0	12.0	12.0	77.0	73.0	70.0	31.0	30.0	30.0	448	268	264	0.49	68.0	63.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/11/1996	0.0	0.0	0.0	12.0	12.0	12.0	76.0	73.0	73.0	31.0	30.0	30.0	448	268	264	0.49	69.0	63.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/12/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	78.0	72.0	31.0	30.0	30.0	448	268	264	0.49	67.0	63.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/13/1996	0.0	0.0	0.0	12.0	12.0	12.0	74.0	71.0	73.0	31.0	30.0	31.0	448	268	264	0.49	67.0	63.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/14/1996	0.0	0.0	0.0	12.0	12.0	12.0	74.0	64.0	70.0	31.0	30.0	30.0	448	268	264	0.49	67.0	62.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/15/1996	0.0	0.0	0.0	12.0	12.0	12.0	75.0	69.0	71.0	37.0	28.0	30.0	448	268	264	0.49	69.0	62.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/16/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	69.0	72.0	30.0	30.0	30.0	448	268	264	0.49	67.0	62.0	65.0	31.0	28.0	30.0	442	276	267	0.57
7/17/1996	0.0	0.0	0.0	12.0	12.0	12.0	79.0	72.0	74.0	30.0	30.0	30.0	448	268	264	0.49	66.0	62.0	65.0	30.0	30.0	30.0	442	276	267	0.57
7/18/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	69.0	74.0	31.0	30.0	30.0	448	268	264	0.49	68.0	62.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/19/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	73.0	31.0	30.0	30.0	448	268	264	0.49	69.0	63.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/20/1996	0.0	0.0	0.0	12.0	12.0	12.0	77.0	72.0	73.0	31.0	30.0	30.0	448	268	264	0.49	69.0	63.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/21/1996	0.0	0.0	0.0	12.0	12.0	12.0	77.0	71.0	73.0	31.0	30.0	30.0	448	268	264	0.49	69.0	62.0	65.0	31.0	30.0	30.0	442	276	267	0.57
7/22/1996	0.0	0.0	0.0	12.0	12.0	12.0	77.0	71.0	73.0	31.0	30.0	30.0	444	144	240	0.53	67.0	63.0	65.0	31.0	30.0	30.0	404	117	206	0.46
7/23/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	74.0	31.0	30.0	30.0	444	144	240	0.53	67.0	62.0	65.0	31.0	30.0	30.0	404	117	206	0.46
7/24/1996	0.0	0.0	0.0	12.0	12.0	12.0	78.0	70.0	74.0	31.0	29.0	30.0	444	144	240	0.53	68.0	62.0	65.0	31.0	30.0	30				

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPD)				IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPD)				IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot	
7/27/1998	0.0	0.0	0.0	12.0	12.0	12.0	78.0	72.0	74.0	30.0	30.0	30.0	300	280	270	0.28	68.0	64.0	65.0	31.0	30.0	30.0	220	200	220	0.33		
7/28/1998	0.0	0.0	0.0	12.0	12.0	12.0	78.0	71.0	74.0	30.0	30.0	30.0	300	280	270	0.28	69.0	64.0	64.0	31.0	30.0	30.0	230	200	240	0.40		
7/29/1998	0.0	0.0	0.0	12.0	12.0	12.0	77.0	72.0	74.0	31.0	30.0	30.0	300	280	270	0.28	69.0	64.0	65.0	32.0	30.0	30.0	230	200	260	0.43		
7/30/1998	0.0	0.0	0.0	12.0	12.0	12.0	78.0	72.0	72.0	32.0	30.0	30.0	300	280	270	0.28	69.0	64.0	65.0	31.0	30.0	30.0	230	210	220	0.32		
7/31/1998	0.0	0.0	0.0	12.0	12.0	12.0	72.0	72.0	74.0	31.0	30.0	30.0	300	280	270	0.28	70.0	64.0	65.0	31.0	30.0	30.0	230	200	240	0.40		
8/1/1998	0.0	0.0	0.0	13.0	12.0	13.0	77.0	71.0	73.0	31.0	30.0	30.0	300	280	270	0.28	69.0	64.0	65.0	31.0	30.0	30.0	230	200	210	0.32		
8/2/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	73.0	30.0	30.0	30.0	300	280	270	0.28	69.0	64.0	66.0	30.0	30.0	30.0	230	210	230	0.33		
8/3/1998	0.0	0.0	0.0	13.0	13.0	13.0	79.0	71.0	74.0	31.0	23.0	30.0	300	280	270	0.28	71.0	64.0	66.0	31.0	30.0	30.0	230	210	230	0.33		
8/4/1998	0.0	0.0	0.0	13.0	13.0	13.0	78.0	70.0	73.0	32.0	30.0	30.0	300	280	270	0.28	71.0	63.0	66.0	32.0	30.0	30.0	230	210	230	0.33		
8/5/1998	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	74.0	31.0	15.0	26.0	300	280	270	0.28	70.0	63.0	66.0	31.0	30.0	30.0	230	210	230	0.33		
8/6/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	71.0	72.0	30.0	2.0	17.0	300	280	270	0.28	67.0	64.0	64.0	33.0	30.0	31.0	230	200	230	0.33		
8/7/1998	0.0	0.0	0.0	13.0	12.0	13.0	75.0	70.0	72.0	33.0	1.0	6.0	300	280	270	0.28	68.0	62.0	64.0	35.0	30.0	31.0	230	200	230	0.33		
8/8/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	19.0	5.0	10.0	300	280	270	0.28	68.0	64.0	66.0	31.0	31.0	31.0	230	200	230	0.33		
8/9/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	73.0	19.0	1.0	9.0	300	280	270	0.28	68.0	64.0	66.0	33.0	22.0	29.0	230	200	230	0.33		
8/10/1998	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	73.0	14.0	5.0	11.0	300	280	270	0.28	70.0	64.0	67.0	31.0	30.0	31.0	230	200	240	0.40		
8/11/1998	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	74.0	14.0	5.0	10.0	300	280	270	0.28	71.0	65.0	67.0	31.0	30.0	30.0	230	200	230	0.33		
8/12/1998	0.0	0.0	0.0	13.0	9.0	12.0	77.0	72.0	74.0	11.0	1.0	8.0	300	280	270	0.28	71.0	65.0	67.0	30.0	28.0	30.0	230	200	220	0.32		
8/13/1998	0.0	0.0	0.0	13.0	12.0	12.0	79.0	72.0	74.0	15.0	2.0	11.0	300	280	270	0.28	72.0	65.0	67.0	30.0	30.0	30.0	230	200	230	0.33		
8/14/1998	0.0	0.0	0.0	13.0	12.0	12.0	78.0	70.0	73.0	16.0	7.0	12.0	300	280	270	0.28	71.0	64.0	67.0	33.0	30.0	30.0	230	200	230	0.33		
8/15/1998	0.0	0.0	0.0	13.0	12.0	13.0	78.0	71.0	74.0	13.0	3.0	9.0	300	280	270	0.28	71.0	64.0	67.0	31.0	30.0	31.0	230	200	240	0.40		
8/16/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	72.0	74.0	15.0	4.0	10.0	300	280	270	0.28	70.0	65.0	67.0	30.0	30.0	30.0	230	200	230	0.33		
8/17/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	73.0	14.0	6.0	11.0	300	280	270	0.28	70.0	65.0	67.0	30.0	30.0	30.0	230	200	230	0.33		
8/18/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	17.0	3.0	12.0	300	280	270	0.28	70.0	65.0	67.0	31.0	30.0	30.0	230	200	230	0.33		
8/19/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	73.0	18.0	6.0	15.0	300	280	270	0.28	69.0	64.0	66.0	31.0	30.0	30.0	230	200	230	0.33		
8/20/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	72.0	73.0	21.0	8.0	17.0	300	280	270	0.28	69.0	65.0	67.0	30.0	30.0	30.0	230	200	230	0.33		
8/21/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	72.0	24.0	11.0	17.0	300	280	270	0.28	68.0	64.0	66.0	30.0	30.0	30.0	230	200	230	0.33		
8/22/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	73.0	21.0	3.0	12.0	300	280	270	0.28	69.0	64.0	66.0	30.0	30.0	30.0	230	200	230	0.33		
8/23/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	18.0	6.0	13.0	300	280	270	0.28	69.0	65.0	67.0	31.0	30.0	31.0	230	200	230	0.33		
8/24/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	74.0	14.0	7.0	11.0	300	280	270	0.28	70.0	65.0	67.0	30.0	29.0	30.0	230	200	230	0.33		
8/25/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	72.0	74.0	15.0	5.0	12.0	300	280	270	0.28	72.0	66.0	68.0	31.0	30.0	31.0	230	200	230	0.33		
8/26/1998	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	73.0	14.0	7.0	11.0	300	280	270	0.28	71.0	66.0	67.0	31.0	30.0	30.0	230	200	230	0.33		
8/27/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	73.0	12.0	2.0	10.0	300	280	270	0.28	70.0	66.0	67.0	32.0	30.0	31.0	230	200	230	0.33		
8/28/1998	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	74.0	19.0	2.0	13.0	300	280	270	0.28	71.0	66.0	68.0	31.0	30.0	30.0	230	200	230	0.33		
8/29/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	28.0	10.0	20.0	300	280	270	0.28	71.0	66.0	68.0	31.0	30.0	30.0	230	200	230	0.33		
8/30/1998	0.0	0.0	0.0	13.0	13.0	13.0	79.0	70.0	73.0	30.0	9.0	24.0	300	280	270	0.28	73.0	65.0	68.0	31.0	30.0	30.0	230	200	230	0.33		
8/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	78.0	71.0	73.0	30.0	13.0	25.0	300	280	270	0.28	73.0	66.0	68.0	32.0	31.0	31.0	230	200	230	0.33		
9/1/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	73.0	29.0	6.0	22.0	300	280	270	0.28	72.0	66.0	68.0	31.0	30.0	30.0	230	200	230	0.33		
9/2/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	73.0	29.0	7.0	23.0	300	280	270	0.28	72.0	66.0	68.0	30.0	30.0	30.0	230	200	230	0.33		
9/3/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	73.0	31.0	14.0	23.0	300	280	270	0.28	71.0	66.0	68.0	31.0	30.0	30.0	230	200	230	0.33		
9/4/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	73.0	31.0	15.0	27.0	300	280	270	0.28	72.0	66.0	68.0	32.0	31.0	31.0	230	200	230	0.33		
9/5/1998	0.0	0.0	0.0	13.0	13.0	13.0	73.0	70.0	71.0	31.0	20.0	30.0	300	280	270	0.28	68.0	65.0	67.0	31.0	30.0	31.0	230	200	230	0.33		
9/6/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	70.0	73.0	30.0	13.0	28.0	300	280	270	0.28	70.0	66.0	68.0	30.0	30.0	30.0	230	200	230	0.33		
9/7/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	72.0	31.0	27.0	30.0	300	280	270	0.28	71.0	66.0	67.0	31.0	30.0	31.0	230	200	230	0.33		
9/8/1998	0.0	0.0	0.0	13.0	13.0	13.0	78.0	70.0	73.0	31.0	7.0	19.0	300	280	270	0.28	73.0	66.0	68.0	32.0	30.0	31.0	230	200	230	0.33		
9/9/1998	0.0	0.0	0.0	13.0	13.0	13.0	76.0	70.0	72.0	17.0	4.0	12.0	300	280	270	0.28	71.0	66.0	67.0	33.0	30.0	31.0	230	200	230	0.33		
9/10/1998	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	72.0	16.0	4.0	12.0	300	280	270	0.28	71.0	66.0	67.0	31.0	30.0	30.0	230	200	230	0.33		
9/11/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	71.0	72.0	25.0	6.0	14.0	300	280	270	0.28	69.0	66.0	67.0	32.0	30.0	30.0	230	200	230	0.33		
9/12/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	72.0	28.0	16.0	20.0	300	280	270	0.28	69.0	66.0	67.0	31.0	30.0	30.0	230	200	230	0.33		
9/13/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	72.0	30.0	14.0	24.0	300	280	270	0.28	70.0	65.0	67.0	30.0	30.0	30.0	230	200	230			

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (GPM)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (GPM)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Min	Max	Avg	Max		Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	
07/15/1996	0.0	0.0	0.0	13.0	13.0	12.0	70.0	69.0	70.0	30.0	27.0	29.0	474	123	253	1.38		66.0	65.0	65.0	30.0	28.0	30.0	309	0	178	0.28	
07/17/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	29.0	7.0	21.0	421	85	135	0.36		70.0	65.0	66.0	33.0	30.0	30.0	262	0	210	0.38	
07/18/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	30.0	8.0	23.0	497	224	35	0.52		69.0	64.0	66.0	31.0	30.0	31.0	455	186	315	0.26	
07/20/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	72.0	31.0	8.0	22.0	493	0	194	0.57		69.0	65.0	67.0	33.0	29.0	30.0	438	0	165	0.34	
07/21/1996	0.0	0.0	0.0	13.0	13.0	13.0	77.0	70.0	72.0	31.0	10.0	25.0	466	2415	225	0.37		70.0	66.0	67.0	32.0	31.0	31.0	428	324	385	0.54	
07/22/1996	0.0	0.0	0.0	13.0	13.0	13.0	76.0	70.0	72.0	31.0	8.0	25.0	418	357	265	0.43		72.0	65.0	67.0	31.0	30.0	31.0	377	282	243	0.37	
07/23/1996	0.0	0.0	0.0	13.0	13.0	13.0	76.0	70.0	72.0	31.0	15.0	28.0	435	357	128	0.23		72.0	65.0	68.0	31.0	30.0	31.0	408	187	278	0.30	
07/24/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	72.0	31.0	22.0	30.0	468	267	311	0.53		72.0	65.0	68.0	32.0	30.0	31.0	451	201	317	0.47	
07/25/1996	0.0	0.0	0.0	13.0	13.0	13.0	72.0	69.0	71.0	32.0	30.0	31.0	424	258	337	0.52		70.0	65.0	67.0	31.0	30.0	31.0	397	204	283	0.43	
07/26/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	72.0	31.0	30.0	31.0	428	143	300	0.42		67.0	65.0	66.0	32.0	30.0	31.0	389	0	212	0.29	
07/27/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	72.0	33.0	31.0	31.0	464	291	333	0.48		69.0	66.0	67.0	31.0	30.0	31.0	430	248	358	0.44	
07/28/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	72.0	32.0	30.0	31.0	469	272	389	0.55		70.0	65.0	67.0	33.0	31.0	31.0	435	242	358	0.52	
07/29/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	71.0	34.0	30.0	32.0	468	255	422	0.52		70.0	65.0	67.0	34.0	30.0	32.0	463	210	380	0.58	
07/30/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	35.0	30.0	32.0	453	122	240	0.47		70.0	65.0	67.0	35.0	30.0	32.0	409	28	288	0.43	
07/31/1996	0.0	0.0	0.0	13.0	13.0	13.0	76.0	69.0	72.0	31.0	30.0	30.0	432	333	377	0.57		71.0	66.0	68.0	32.0	31.0	31.0	424	288	376	0.54	
08/01/1996	0.0	0.0	0.0	13.0	13.0	13.0	77.0	69.0	72.0	32.0	30.0	30.0	403	243	333	0.47		71.0	66.0	68.0	31.0	30.0	30.0	407	235	281	0.38	
08/02/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	69.0	71.0	32.0	31.0	31.0	419	265	333	0.47		73.0	65.0	68.0	32.0	30.0	30.0	394	213	276	0.38	
08/03/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	71.0	32.0	31.0	31.0	432	201	324	0.47		70.0	65.0	67.0	32.0	31.0	31.0	411	231	304	0.43	
08/04/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	72.0	31.0	31.0	31.0	428	208	333	0.47		70.0	65.0	67.0	32.0	31.0	31.0	411	232	302	0.44	
08/07/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	71.0	32.0	31.0	31.0	428	208	333	0.47		70.0	65.0	67.0	31.0	31.0	31.0	407	238	292	0.44	
08/08/1996	0.0	0.0	0.0	13.0	13.0	13.0	76.0	69.0	71.0	32.0	31.0	31.0	437	208	333	0.47		72.0	65.0	68.0	32.0	31.0	31.0	403	240	270	0.38	
08/09/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	71.0	31.0	31.0	31.0	430	178	333	0.57		72.0	65.0	68.0	32.0	31.0	31.0	403	238	270	0.40	
08/10/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	71.0	31.0	31.0	31.0	421	208	333	0.47		71.0	66.0	68.0	31.0	31.0	31.0	403	231	301	0.47	
08/11/1996	0.0	0.0	0.0	13.0	13.0	13.0	76.0	69.0	71.0	32.0	31.0	31.0	430	188	333	0.51		73.0	66.0	68.0	32.0	31.0	31.0	401	244	290	0.44	
08/12/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	71.0	32.0	31.0	31.0	430	188	333	0.51		72.0	65.0	67.0	32.0	31.0	31.0	400	233	270	0.43	
08/13/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	71.0	31.0	31.0	31.0	430	188	333	0.47		71.0	65.0	68.0	31.0	31.0	31.0	400	233	270	0.43	
08/14/1996	0.0	0.0	0.0	13.0	13.0	13.0	72.0	69.0	70.0	31.0	31.0	31.0	424	208	333	0.47		69.0	66.0	67.0	31.0	31.0	31.0	398	228	278	0.41	
08/15/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	68.0	71.0	32.0	31.0	31.0	438	208	333	0.54		71.0	65.0	67.0	32.0	31.0	31.0	400	245	247	0.49	
08/16/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	69.0	71.0	31.0	31.0	31.0	425	202	333	0.48		70.0	66.0	67.0	31.0	31.0	31.0	392	233	280	0.42	
08/18/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	69.0	71.0	31.0	31.0	31.0	398	205	333	0.46		70.0	66.0	68.0	31.0	31.0	31.0	394	244	280	0.39	
08/19/1996	0.0	0.0	0.0	13.0	13.0	13.0	71.0	69.0	70.0	32.0	31.0	31.0	397	205	333	0.44		69.0	66.0	68.0	31.0	31.0	31.0	388	245	280	0.39	
08/20/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	32.0	31.0	31.0	441	236	378	0.54		68.0	66.0	67.0	32.0	31.0	31.0	410	246	301	0.48	
08/21/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	71.0	34.0	30.0	31.0	428	130	253	0.55		71.0	66.0	68.0	32.0	31.0	31.0	388	243	313	0.47	
08/22/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	69.0	70.0	33.0	30.0	31.0	436	200	337	0.49		72.0	66.0	68.0	33.0	30.0	31.0	400	234	290	0.43	
08/23/1996	0.0	0.0	0.0	13.0	13.0	13.0	71.0	69.0	69.0	32.0	32.0	32.0	404	204	333	0.45		72.0	66.0	68.0	33.0	31.0	32.0	400	240	340	0.46	
08/24/1996	0.0	0.0	0.0	13.0	13.0	13.0	72.0	69.0	70.0	31.0	31.0	31.0	404	200	333	0.45		70.0	66.0	67.0	31.0	31.0	31.0	392	237	280	0.40	
08/25/1996	0.0	0.0	0.0	13.0	13.0	13.0	72.0	68.0	70.0	31.0	31.0	31.0	400	200	333	0.46		69.0	66.0	67.0	31.0	31.0	31.0	388	231	287	0.40	
08/27/1996	0.0	0.0	0.0	13.0	13.0	13.0	72.0	69.0	70.0	32.0	31.0	31.0	406	202	333	0.46		69.0	66.0	67.0	32.0	31.0	31.0	410	240	287	0.40	
08/28/1996	0.0	0.0	0.0	13.0	13.0	13.0	72.0	68.0	70.0	32.0	31.0	31.0	407	207	403	0.50		70.0	65.0	67.0	31.0	31.0	31.0	410	240	281	0.40	
08/29/1996	0.0	0.0	0.0	13.0	13.0	13.0	73.0	67.0	70.0	31.0	31.0	31.0	410	200	333	0.48		70.0	65.0	67.0	31.0	31.0	31.0	417	240	301	0.45	
08/30/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	67.0	70.0	33.0	31.0	31.0	400	203	333	0.48		77.0	65.0	72.0	31.0	31.0	31.0	392	245	276	0.38	
08/31/1996	0.0	0.0	0.0	13.0	13.0	13.0	75.0	67.0	70.0	31.0	31.0	31.0	400	203	407	0.50		78.0	72.0	74.0	33.0	31.0	31.0	404	263	378	0.55	
09/01/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	67.0	70.0	31.0	31.0	31.0	430	200	333	0.48		79.0	72.0	74.0	31.0	31.0	31.0	400	247	301	0.45	
09/02/1996	0.0	0.0	0.0	13.0	13.0	13.0	74.0	67.0	70.0	31.0	31.0	31.0	438	200	333	0.48		79.0	72.0	74.0	31.0	31.0	31.0	412	240	375	0.545	
09/03/1996	0.0	0.0	0.0	13.0	13.0	13.0	70.0	68.0	69.0	31.0	31.0	31.0	404	204	333	0.48		79.0	72.0	74.0	31.0	31.0	31.0	400	240	280	0.38	
09/04/1996	0.0	0.0	0.0	13.0	13.0	13.0	70.0	67.0	69.0	31.0	30.0	31.0	400	204	357	0.53		74.0	73.0	73.0	33.0	31.0	31.0	400	240	280	0.38	
09/05/1996	0.0	0.0	0.0	13.0	13.0	13.0	70.0	67.0	69.0	31.0	30.0	31.0	400	204	357	0.53		75.0	71.0	73.0	31.0	30.0	31.0	400	240	280	0.38	

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
11/2/1998	0.0	0.0	0.0	13.0	13.0	13.0	71.0	66.0	68.0	35.0	31.0	32.0	330	330	330	0.000	78.0	70.0	74.0	35.0	31.0	32.0	330	330	330	0.000
11/7/1998	0.0	0.0	0.0	13.0	13.0	13.0	72.0	66.0	68.0	31.0	30.0	31.0	331	331	331	0.000	85.0	73.0	79.0	31.0	30.0	31.0	331	331	331	0.000
11/9/1998	0.0	0.0	0.0	13.0	13.0	13.0	72.0	67.0	69.0	30.0	30.0	30.0	332	332	332	0.000	85.0	79.0	82.0	30.0	30.0	30.0	332	332	332	0.000
11/10/1998	0.0	0.0	0.0	13.0	13.0	13.0	73.0	68.0	70.0	31.0	30.0	31.0	333	333	333	0.000	86.0	81.0	83.0	31.0	30.0	31.0	333	333	333	0.000
11/17/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	68.0	70.0	31.0	31.0	31.0	334	334	334	0.000	87.0	80.0	83.0	31.0	31.0	31.0	334	334	334	0.000
11/27/1998	0.0	0.0	0.0	13.0	13.0	13.0	73.0	67.0	69.0	31.0	31.0	31.0	335	335	335	0.000	86.0	80.0	82.0	31.0	31.0	31.0	335	335	335	0.000
11/30/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	67.0	69.0	31.0	31.0	31.0	336	336	336	0.000	86.0	80.0	82.0	31.0	31.0	31.0	336	336	336	0.000
12/1/1998	0.0	0.0	0.0	13.0	13.0	13.0	73.0	67.0	69.0	31.0	31.0	31.0	337	337	337	0.000	86.0	80.0	82.0	31.0	31.0	31.0	337	337	337	0.000
12/15/1998	0.0	0.0	0.0	13.0	13.0	13.0	75.0	67.0	70.0	32.0	31.0	31.0	338	338	338	0.000	88.0	80.0	83.0	32.0	31.0	31.0	338	338	338	0.000
12/18/1998	0.0	0.0	0.0	13.0	13.0	13.0	70.0	67.0	69.0	33.0	31.0	31.0	339	339	339	0.000	84.0	80.0	82.0	33.0	31.0	31.0	339	339	339	0.000
12/27/1998	0.0	0.0	0.0	13.0	13.0	13.0	73.0	68.0	69.0	32.0	30.0	31.0	340	340	340	0.000	87.0	81.0	82.0	32.0	30.0	31.0	340	340	340	0.000
12/18/1998	0.0	0.0	0.0	13.0	9.0	12.0	74.0	68.0	70.0	32.0	29.0	31.0	341	341	341	0.000	86.0	81.0	83.0	32.0	29.0	31.0	341	341	341	0.000
12/19/1998	0.0	0.0	0.0	13.0	12.0	13.0	73.0	68.0	70.0	32.0	30.0	31.0	342	342	342	0.000	86.0	81.0	83.0	32.0	30.0	31.0	342	342	342	0.000
12/21/1998	0.0	0.0	0.0	13.0	12.0	13.0	74.0	68.0	70.0	31.0	31.0	31.0	343	343	343	0.000	87.0	81.0	83.0	31.0	31.0	31.0	343	343	343	0.000
12/22/1998	0.0	0.0	0.0	13.0	13.0	13.0	74.0	67.0	70.0	32.0	31.0	31.0	344	344	344	0.000	88.0	80.0	83.0	32.0	31.0	31.0	344	344	344	0.000
12/22/1998	0.0	0.0	0.0	13.0	13.0	13.0	68.0	47.0	57.0	31.0	30.0	31.0	345	345	345	0.000	87.0	80.0	83.0	31.0	30.0	31.0	345	345	345	0.000
12/22/1998	0.0	0.0	0.0	13.0	13.0	13.0	46.0	32.0	39.0	32.0	30.0	31.0	346	346	346	0.000	87.0	81.0	83.0	32.0	30.0	31.0	346	346	346	0.000
12/24/1998	0.0	0.0	0.0	13.0	13.0	13.0	32.0	21.0	26.0	31.0	31.0	31.0	347	347	347	0.000	87.0	80.0	82.0	31.0	31.0	31.0	347	347	347	0.000
12/25/1998	0.0	0.0	0.0	13.0	13.0	13.0	21.0	14.0	18.0	31.0	30.0	30.0	348	348	348	0.000	86.0	80.0	82.0	31.0	30.0	30.0	348	348	348	0.000
12/25/1998	0.0	0.0	0.0	13.0	13.0	13.0	14.0	9.0	12.0	32.0	30.0	31.0	349	349	349	0.000	88.0	80.0	82.0	32.0	30.0	31.0	349	349	349	0.000
12/27/1998	0.0	0.0	0.0	13.0	13.0	13.0	9.0	6.0	8.0	35.0	31.0	32.0	350	350	350	0.000	88.0	80.0	83.0	35.0	31.0	31.0	350	350	350	0.000
12/28/1998	0.0	0.0	0.0	13.0	13.0	13.0	6.0	4.0	5.0	34.0	33.0	33.0	351	351	351	0.000	88.0	79.0	82.0	33.0	32.0	33.0	351	351	351	0.000
12/29/1998	0.0	0.0	0.0	13.0	13.0	13.0	4.0	2.0	3.0	36.0	34.0	35.0	352	352	352	0.000	87.0	79.0	82.0	35.0	34.0	34.0	352	352	352	0.000
12/29/1998	0.0	0.0	0.0	13.0	13.0	13.0	55.0	2.0	35.0	36.0	31.0	32.0	353	353	353	0.000	86.0	79.0	82.0	35.0	31.0	32.0	353	353	353	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	60.0	53.0	56.0	32.0	31.0	31.0	354	354	354	0.000	86.0	80.0	82.0	31.0	31.0	31.0	354	354	354	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	58.0	48.0	54.0	32.0	30.0	31.0	355	355	355	0.000	86.0	79.0	82.0	31.0	30.0	31.0	355	355	355	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	48.0	39.0	45.0	32.0	31.0	31.0	356	356	356	0.000	87.0	80.0	82.0	31.0	31.0	31.0	356	356	356	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	38.0	27.0	34.0	34.0	30.0	31.0	357	357	357	0.000	86.0	80.0	82.0	34.0	30.0	31.0	357	357	357	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	27.0	22.0	25.0	31.0	30.0	30.0	358	358	358	0.000	85.0	80.0	82.0	31.0	30.0	30.0	358	358	358	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	23.0	19.0	21.0	31.0	30.0	31.0	359	359	359	0.000	85.0	80.0	82.0	31.0	30.0	31.0	359	359	359	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	20.0	17.0	18.0	31.0	31.0	31.0	360	360	360	0.000	86.0	80.0	82.0	31.0	31.0	31.0	360	360	360	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	20.0	16.0	18.0	31.0	30.0	31.0	361	361	361	0.000	99.0	79.0	87.0	31.0	30.0	31.0	361	361	361	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	22.0	18.0	20.0	31.0	30.0	31.0	362	362	362	0.000	100.0	99.0	99.0	31.0	30.0	31.0	362	362	362	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	23.0	20.0	21.0	31.0	31.0	31.0	363	363	363	0.000	100.0	100.0	100.0	31.0	31.0	31.0	363	363	363	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	22.0	21.0	22.0	31.0	30.0	30.0	364	364	364	0.000	100.0	100.0	100.0	31.0	30.0	30.0	364	364	364	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	23.0	21.0	22.0	31.0	30.0	30.0	365	365	365	0.000	100.0	100.0	100.0	31.0	30.0	30.0	365	365	365	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	24.0	22.0	23.0	31.0	30.0	31.0	366	366	366	0.000	100.0	100.0	100.0	31.0	30.0	31.0	366	366	366	0.000
12/31/1998	0.0	0.0	0.0	13.0	12.0	13.0	24.0	21.0	22.0	31.0	28.0	30.0	367	367	367	0.000	100.0	100.0	100.0	31.0	30.0	31.0	367	367	367	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	24.0	21.0	23.0	30.0	30.0	30.0	368	368	368	0.000	100.0	99.0	99.0	31.0	28.0	30.0	368	368	368	0.000
12/31/1998	0.0	0.0	0.0	13.0	5.0	12.0	25.0	22.0	23.0	31.0	29.0	30.0	369	369	369	0.000	100.0	98.0	99.0	30.0	30.0	30.0	369	369	369	0.000
12/31/1998	0.0	0.0	0.0	13.0	12.0	12.0	26.0	23.0	24.0	30.0	29.0	30.0	370	370	370	0.000	100.0	100.0	100.0	31.0	29.0	30.0	370	370	370	0.000
12/31/1998	0.0	0.0	0.0	13.0	12.0	12.0	28.0	24.0	25.0	31.0	27.0	29.0	371	371	371	0.000	100.0	100.0	100.0	31.0	30.0	30.0	371	371	371	0.000
12/31/1998	0.0	0.0	0.0	13.0	12.0	13.0	29.0	26.0	27.0	31.0	22.0	28.0	372	372	372	0.000	100.0	100.0	100.0	31.0	30.0	30.0	372	372	372	0.000
12/31/1998	0.0	0.0	0.0	13.0	13.0	13.0	30.0	27.0	28.0	31.0	29.0	30.0	373	373	373	0.000	100.0	100.0	100.0	31.0	30.0	30.0	373	373	373	0.000
12/21/1998	0.0	0.0	0.0	13.0	4.0	12.0	30.0	27.0	28.0	31.0	30.0	31.0	374	374	374	0.000	100.0	100.0	100.0	31.0	30.0	31.0	374	374	374	0.000
12/22/1998	0.0	0.0	0.0	13.0	13.0	13.0	31.0	27.0	28.0	31.0	30.0	31.0	375	375	375	0.000	100.0	100.0	100.0	31.0	31.0	31.0	375	375	375	0.000
12/23/1998	0.0	0.0	0.0	13.0	13.0	13.0	31.0	27.0	28.0	31.0	30.0	31.0	376	376	376	0.000	100.0	100.0	100.0	31.0	30.0	31.0	376	376	376	0.000
12/24/1998	0.0	0.0	0.0	13.0	13.0	13.0	32.0	28.0	29.0	31.0	30.0	31.0	377	377	377	0.000	100.0	100.0	100.0	31.0	30.0	31.0	377	377	377	0.000
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**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				IW-2 Total (MGD)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max		Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min		Avg
2/6/1999	0.0	0.0	0.0	13.0	13.0	13.0	11.0	10.0	11.0	31.0	30.0	31.0	300	181	300	0.34	100.0	100.0	100.0	31.0	30.0	31.0	200	114	200	0.30			
2/7/1999	0.0	0.0	0.0	13.0	13.0	13.0	11.0	10.0	11.0	31.0	30.0	31.0	300	180	300	0.33	100.0	100.0	100.0	31.0	30.0	31.0	200	110	200	0.31			
2/8/1999	0.0	0.0	0.0	13.0	13.0	13.0	12.0	10.0	11.0	31.0	30.0	31.0	300	180	300	0.33	100.0	100.0	100.0	31.0	30.0	31.0	200	110	200	0.31			
2/9/1999	0.0	0.0	0.0	13.0	13.0	13.0	22.0	10.0	16.0	31.0	30.0	31.0	300	180	300	0.33	100.0	72.0	89.0	31.0	30.0	31.0	200	110	200	0.30			
2/10/1999	0.0	0.0	0.0	13.0	13.0	13.0	30.0	22.0	26.0	31.0	30.0	31.0	300	180	300	0.33	91.0	79.0	86.0	31.0	30.0	31.0	200	110	200	0.30			
2/11/1999	0.0	0.0	0.0	13.0	13.0	13.0	34.0	27.0	30.0	31.0	30.0	31.0	300	180	300	0.33	91.0	82.0	86.0	31.0	30.0	31.0	200	110	200	0.30			
2/22/1999	0.0	0.0	0.0	13.0	13.0	13.0	35.0	30.0	32.0	31.0	30.0	30.0	300	180	300	0.33	90.0	81.0	86.0	31.0	30.0	30.0	200	111	200	0.30			
2/23/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	28.0	50.0	31.0	14.0	21.0	300	180	300	0.33	86.0	57.0	75.0	31.0	30.0	31.0	200	110	200	0.30			
2/24/1999	0.0	0.0	0.0	13.0	6.0	12.0	72.0	48.0	58.0	16.0	10.0	15.0	300	180	300	0.33	74.0	67.0	70.0	31.0	29.0	31.0	200	110	200	0.30			
2/25/1999	0.0	0.0	0.0	12.0	12.0	12.0	73.0	57.0	66.0	16.0	13.0	15.0	300	180	300	0.33	74.0	67.0	70.0	31.0	30.0	31.0	200	110	200	0.30			
2/26/1999	0.0	0.0	0.0	13.0	12.0	12.0	73.0	58.0	67.0	20.0	14.0	16.0	300	180	300	0.33	74.0	67.0	70.0	31.0	30.0	31.0	200	110	200	0.30			
2/27/1999	0.0	0.0	0.0	12.0	12.0	12.0	72.0	56.0	65.0	19.0	15.0	17.0	300	180	300	0.33	74.0	67.0	70.0	31.0	31.0	31.0	200	110	200	0.30			
2/28/1999	0.0	0.0	0.0	12.0	12.0	12.0	65.0	61.0	60.0	17.0	15.0	16.0	300	180	300	0.33	73.0	68.0	70.0	31.0	31.0	31.0	200	110	200	0.30			
3/1/1999	0.0	0.0	0.0	12.0	12.0	12.0	68.0	51.0	61.0	18.0	14.0	17.0	300	180	300	0.33	73.0	67.0	70.0	31.0	31.0	31.0	200	110	200	0.30			
3/2/1999	0.0	0.0	0.0	12.0	12.0	12.0	78.0	61.0	71.0	22.0	16.0	18.0	300	180	300	0.33	73.0	67.0	70.0	31.0	31.0	31.0	200	110	200	0.30			
3/3/1999	0.0	0.0	0.0	12.0	12.0	12.0	75.0	64.0	70.0	17.0	14.0	16.0	300	180	300	0.33	71.0	68.0	69.0	31.0	31.0	31.0	200	110	200	0.30			
3/4/1999	0.0	0.0	0.0	12.0	12.0	12.0	84.0	73.0	78.0	20.0	12.0	17.0	300	180	300	0.33	72.0	66.0	69.0	31.0	31.0	31.0	200	110	200	0.30			
3/5/1999	0.0	0.0	0.0	12.0	12.0	12.0	89.0	75.0	83.0	20.0	16.0	18.0	300	180	300	0.33	71.0	66.0	69.0	31.0	30.0	31.0	200	110	200	0.30			
3/6/1999	0.0	0.0	0.0	12.0	12.0	12.0	74.0	55.0	66.0	28.0	14.0	19.0	300	180	300	0.33	74.0	67.0	70.0	31.0	30.0	31.0	200	110	200	0.30			
3/7/1999	0.0	0.0	0.0	12.0	12.0	12.0	54.0	38.0	47.0	28.0	17.0	20.0	300	180	300	0.33	74.0	67.0	70.0	31.0	30.0	31.0	200	110	200	0.30			
3/8/1999	0.0	0.0	0.0	12.0	12.0	12.0	57.0	34.0	48.0	22.0	17.0	19.0	300	180	300	0.33	71.0	68.0	69.0	31.0	30.0	31.0	200	110	200	0.30			
3/9/1999	0.0	0.0	0.0	12.0	12.0	12.0	62.0	56.0	59.0	29.0	21.0	24.0	300	180	300	0.33	72.0	67.0	69.0	31.0	30.0	31.0	200	110	200	0.30			
3/10/1999	0.0	0.0	0.0	12.0	12.0	12.0	68.0	62.0	65.0	30.0	23.0	28.0	300	180	300	0.33	73.0	67.0	70.0	31.0	31.0	31.0	200	110	200	0.30			
3/11/1999	0.0	0.0	0.0	12.0	12.0	12.0	70.0	65.0	68.0	31.0	29.0	30.0	300	180	300	0.33	73.0	66.0	70.0	31.0	30.0	31.0	200	110	200	0.30			
3/12/1999	0.0	0.0	0.0	12.0	12.0	12.0	71.0	65.0	68.0	31.0	30.0	31.0	300	180	300	0.33	73.0	66.0	69.0	31.0	30.0	31.0	200	110	200	0.30			
3/13/1999	0.0	0.0	0.0	12.0	12.0	12.0	69.0	64.0	67.0	31.0	31.0	31.0	300	180	300	0.33	72.0	67.0	69.0	31.0	31.0	31.0	200	110	200	0.30			
3/14/1999	0.0	0.0	0.0	12.0	12.0	12.0	67.0	64.0	66.0	31.0	31.0	31.0	300	180	300	0.33	72.0	68.0	70.0	31.0	31.0	31.0	200	110	200	0.30			
3/15/1999	0.0	0.0	0.0	12.0	12.0	12.0	68.0	66.0	67.0	31.0	30.0	31.0	300	180	300	0.33	71.0	66.0	68.0	31.0	31.0	31.0	200	110	200	0.30			
3/16/1999	0.0	0.0	0.0	12.0	5.0	12.0	69.0	65.0	67.0	31.0	28.0	30.0	300	180	300	0.33	70.0	65.0	67.0	31.0	28.0	30.0	200	110	200	0.30			
3/17/1999	0.0	0.0	0.0	12.0	12.0	12.0	69.0	64.0	67.0	31.0	30.0	30.0	300	180	300	0.33	70.0	66.0	68.0	31.0	30.0	30.0	200	110	200	0.30			
3/18/1999	0.0	0.0	0.0	12.0	12.0	12.0	67.0	64.0	66.0	32.0	30.0	31.0	300	180	300	0.33	71.0	67.0	69.0	32.0	30.0	31.0	200	110	200	0.30			
3/19/1999	0.0	0.0	0.0	13.0	12.0	12.0	69.0	63.0	67.0	31.0	30.0	31.0	300	180	300	0.33	73.0	66.0	69.0	31.0	30.0	31.0	200	110	200	0.30			
3/20/1999	0.0	0.0	0.0	13.0	12.0	12.0	68.0	64.0	66.0	31.0	30.0	31.0	300	180	300	0.33	72.0	67.0	69.0	31.0	30.0	31.0	200	110	200	0.30			
3/21/1999	0.0	0.0	0.0	13.0	12.0	13.0	67.0	64.0	66.0	31.0	30.0	31.0	300	180	300	0.33	72.0	67.0	69.0	31.0	30.0	31.0	200	110	200	0.30			
3/22/1999	0.0	0.0	0.0	13.0	12.0	13.0	68.0	63.0	66.0	31.0	30.0	31.0	300	180	300	0.33	73.0	66.0	69.0	31.0	30.0	31.0	200	110	200	0.30			
3/23/1999	0.0	0.0	0.0	13.0	12.0	13.0	68.0	63.0	66.0	32.0	30.0	31.0	300	180	300	0.33	72.0	67.0	69.0	31.0	30.0	31.0	200	110	200	0.30			
3/24/1999	0.0	0.0	0.0	13.0	12.0	13.0	68.0	63.0	66.0	32.0	30.0	31.0	300	180	300	0.33	73.0	67.0	70.0	32.0	30.0	31.0	200	110	200	0.30			
3/25/1999	0.0	0.0	0.0	13.0	12.0	13.0	67.0	64.0	65.0	31.0	30.0	31.0	300	180	300	0.33	73.0	67.0	70.0	31.0	30.0	31.0	200	110	200	0.30			
3/26/1999	0.0	0.0	0.0	13.0	12.0	13.0	67.0	63.0	65.0	31.0	31.0	31.0	300	180	300	0.33	73.0	67.0	70.0	31.0	30.0	31.0	200	110	200	0.30			
3/27/1999	0.0	0.0	0.0	13.0	12.0	13.0	67.0	63.0	65.0	31.0	31.0	31.0	300	180	300	0.33	73.0	67.0	70.0	31.0	30.0	31.0	200	110	200	0.30			
3/28/1999	0.0	0.0	0.0	13.0	12.0	13.0	67.0	63.0	65.0	31.0	31.0	31.0	300	180	300	0.33	72.0	67.0	69.0	31.0	31.0	31.0	200	110	200	0.30			
3/29/1999	0.0	0.0	0.0	13.0	12.0	13.0	67.0	64.0	66.0	31.0	31.0	31.0	300	180	300	0.33	72.0	67.0	69.0	31.0	31.0	31.0	200	110	200	0.30			
3/30/1999	0.0	0.0	0.0	13.0	12.0	13.0	67.0	64.0	66.0	31.0	31.0	31.0	300	180	300	0.33	71.0	67.0	69.0	31.0	30.0	31.0	200	110	200	0.30			
3/31/1999	0.0	0.0	0.0	13.0	12.0	13.0	66.0	64.0	65.0	31.0	30.0	31.0	300	180	300	0.33	71.0	68.0	69.0	31.0	30.0	31.0	200	110	200	0.30			
4/1/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	64.0	65.0	31.0	31.0	31.0	300	180	300	0.33	72.0	68.0	70.0	31.0	31.0	31.0	200	110	200	0.30			
4/2/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	65.0	67.0	31.0	31.0	31.0	300	180	300	0.33	74.0	68.0	70.0	31.0	31.0	31.0	200	110	200	0.30			
4/3/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	66.0	68.0	31.0	31.0	31.0	300	180	300	0.33	73.0	68.0	70.0	31.0	30.0	31.0	200	110	200	0.30			
4/4/1999	0.0	0.0	0.0	13.0	12.0	13.0	70.0	67.0	68.0	31.0	31.0	31.0	300	180	300	0.33	73.0	68.0	70.0	31.0	30.0	31.0	200	110	200	0.30			
4/5/1999	0.0	0.0	0.0	13.0	12.0	13.0	71.0	68.0	69.0	34.0	30.0	31.0	300	180	300	0.33	73.0												

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-1 Total (MGD)	IW-2 Annulus (PSI)				IW-2 Injection (PSI)				IW-2 Daily Flow Rate (MGD)				IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot			
5/20/1999	0.0	0.0	0.0	13.0	12.0	12.0	70.0	64.0	66.0	31.0	30.0	30.0	300	280	290	0.42	72.0	66.0	68.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
5/21/1999	0.0	0.0	0.0	13.0	12.0	12.0	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
5/24/1999	0.0	0.0	0.0	13.0	12.0	13.0	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	69.0	66.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
5/25/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	64.0	65.0	31.0	30.0	30.0	300	280	290	0.42	68.0	65.0	66.0	31.0	30.0	30.0	300	280	290	0.42	0.42			
5/26/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	65.0	31.0	30.0	30.0	300	280	290	0.42	68.0	65.0	66.0	31.0	30.0	30.0	300	280	290	0.42	0.42			
5/27/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	30.0	20.0	29.0	300	280	290	0.42	70.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
5/28/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	31.0	17.0	28.0	300	280	290	0.42	70.0	66.0	68.0	31.0	30.0	30.0	300	280	290	0.42	0.42			
5/29/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	31.0	18.0	29.0	300	280	290	0.42	69.0	66.0	67.0	31.0	31.0	31.0	300	280	290	0.42	0.42			
5/30/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	63.0	65.0	31.0	16.0	26.0	300	280	290	0.42	70.0	65.0	67.0	31.0	30.0	31.0	300	280	290	0.42	0.42			
5/31/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	64.0	65.0	31.0	18.0	27.0	300	280	290	0.42	67.0	65.0	65.0	31.0	30.0	30.0	300	280	290	0.42	0.42			
6/1/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	65.0	67.0	30.0	16.0	24.0	300	280	290	0.42	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/2/1999	0.0	0.0	0.0	13.0	13.0	13.0	71.0	65.0	67.0	31.0	17.0	26.0	300	280	290	0.42	71.0	65.0	68.0	31.0	30.0	30.0	300	280	290	0.42	0.42			
6/3/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	31.0	30.0	31.0	300	280	290	0.42	70.0	65.0	66.0	31.0	30.0	31.0	300	280	290	0.42	0.42			
6/4/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	34.0	30.0	31.0	300	280	290	0.42	68.0	65.0	66.0	34.0	30.0	31.0	300	280	290	0.42	0.42			
6/7/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	30.0	30.0	30.0	300	280	290	0.42	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/8/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	30.0	30.0	30.0	300	280	290	0.42	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/9/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	30.0	30.0	30.0	300	280	290	0.42	71.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/10/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	65.0	30.0	30.0	30.0	300	280	290	0.42	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/11/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	65.0	30.0	30.0	30.0	300	280	290	0.42	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/12/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	65.0	30.0	30.0	30.0	300	280	290	0.42	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/13/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	30.0	30.0	30.0	300	280	290	0.42	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/14/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	30.0	30.0	30.0	300	280	290	0.42	71.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/15/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	65.0	30.0	30.0	30.0	300	280	290	0.42	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/16/1999	0.0	0.0	0.0	13.0	7.0	12.0	67.0	63.0	65.0	30.0	28.0	30.0	300	280	290	0.42	69.0	65.0	66.0	30.0	28.0	30.0	300	280	290	0.42	0.42			
6/17/1999	0.0	0.0	0.0	13.0	12.0	13.0	68.0	63.0	65.0	30.0	30.0	30.0	300	280	290	0.42	69.0	65.0	66.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/18/1999	0.0	0.0	0.0	13.0	13.0	13.0	65.0	63.0	64.0	30.0	30.0	30.0	300	280	290	0.42	66.0	65.0	65.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/19/1999	0.0	0.0	0.0	13.0	13.0	13.0	65.0	63.0	64.0	30.0	30.0	30.0	300	280	290	0.42	66.0	64.0	64.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/20/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	65.0	30.0	30.0	30.0	300	280	290	0.42	67.0	64.0	65.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/21/1999	0.0	0.0	0.0	13.0	13.0	13.0	70.0	64.0	67.0	34.0	18.0	30.0	300	280	290	0.42	69.0	64.0	66.0	34.0	30.0	31.0	300	280	290	0.42	0.42			
6/22/1999	0.0	0.0	0.0	13.0	13.0	13.0	70.0	65.0	67.0	30.0	26.0	30.0	300	280	290	0.42	70.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/23/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	35.0	25.0	30.0	300	280	290	0.42	70.0	64.0	66.0	35.0	30.0	30.0	300	280	290	0.42	0.42			
6/24/1999	0.0	0.0	0.0	13.0	13.0	13.0	70.0	64.0	66.0	30.0	23.0	29.0	300	280	290	0.42	71.0	64.0	66.0	30.0	23.0	29.0	300	280	290	0.42	0.42			
6/25/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	65.0	30.0	12.0	26.0	300	280	290	0.42	70.0	64.0	66.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/26/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	64.0	29.0	16.0	21.0	300	280	290	0.42	69.0	64.0	65.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/27/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	63.0	65.0	24.0	4.0	14.0	300	280	290	0.42	68.0	64.0	66.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
6/28/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	63.0	65.0	30.0	7.0	15.0	300	280	290	0.42	70.0	65.0	67.0	31.0	30.0	30.0	300	280	290	0.42	0.42			
6/29/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	63.0	64.0	29.0	5.0	11.0	300	280	290	0.42	69.0	64.0	66.0	31.0	30.0	30.0	300	280	290	0.42	0.42			
6/30/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	63.0	65.0	30.0	8.0	13.0	300	280	290	0.42	68.0	64.0	65.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
7/1/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	63.0	65.0	30.0	8.0	11.0	300	280	290	0.42	68.0	64.0	65.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
7/2/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	63.0	64.0	17.0	8.0	10.0	300	280	290	0.42	68.0	64.0	65.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
7/3/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	63.0	65.0	16.0	8.0	11.0	300	280	290	0.42	67.0	63.0	65.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
7/4/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	30.0	10.0	17.0	300	280	290	0.42	68.0	64.0	66.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
7/5/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	30.0	14.0	21.0	300	280	290	0.42	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
7/6/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	31.0	14.0	22.0	300	280	290	0.42	69.0	65.0	67.0	31.0	30.0	30.0	300	280	290	0.42	0.42			
7/7/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	30.0	15.0	23.0	300	280	290	0.42	69.0	65.0	67.0	30.0	30.0	30.0	300	280	290	0.42	0.42			
7/8/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	63.0	66.0	31.0	16.0	24.0	300	280	290	0.42	70.0	65.0	67.0	31.0	30.0	30.0	300	280	290	0.42	0.42			
7/9/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	63.0	65.0	30.0	17.0	25.0	300	280	290	0.42	70.0	65.0	67.0	31.0	30.0	30.0	300	280	290	0.42	0.42			
7/10/1999	0.0	0.0	0.0	1																										

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Observed	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (gpm)			IW-1 Total (gpm)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (gpm)			IW-2 Total (gpm)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max
10/29/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	61.0	64.0	31.0	30.0	31.0	359	294	311	0.47	70.0	65.0	67.0	31.0	30.0	31.0	359	294	311	0.47	359
10/30/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	61.0	64.0	31.0	30.0	31.0	359	294	311	0.47	70.0	65.0	67.0	31.0	30.0	31.0	359	294	311	0.47	359
10/31/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	61.0	64.0	31.0	30.0	31.0	359	294	311	0.47	70.0	65.0	67.0	31.0	30.0	31.0	359	294	311	0.47	359
11/1/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	63.0	64.0	31.0	30.0	31.2	348	293	309	0.44	68.0	64.0	66.0	31.0	31.0	30.0	348	293	309	0.44	348
11/2/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	62.0	63.0	31.0	30.0	31.2	359	292	309	0.44	68.0	64.0	66.0	31.0	31.0	31.0	359	292	309	0.44	359
11/3/1999	0.0	0.0	0.0	13.0	13.0	13.0	65.0	61.0	63.0	31.0	30.0	31.2	359	294	310	0.44	67.0	63.0	64.0	31.0	30.0	31.0	359	294	310	0.44	359
11/4/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	63.0	66.0	31.0	30.0	31.2	327	291	308	0.44	66.0	62.0	64.0	31.0	30.0	31.0	327	291	308	0.44	327
11/5/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	66.0	67.0	31.0	30.0	31.2	327	297	309	0.44	66.0	63.0	65.0	31.0	30.0	31.0	327	297	309	0.44	327
11/6/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	66.0	67.0	31.0	30.0	31.2	327	293	309	0.44	67.0	64.0	65.0	31.0	30.0	31.0	327	293	309	0.44	327
11/7/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	65.0	66.0	31.0	30.0	31.2	317	292	309	0.43	66.0	63.0	64.0	31.0	30.0	31.0	317	292	309	0.43	317
11/8/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	31.0	30.0	31.2	341	290	309	0.44	67.0	62.0	65.0	31.0	30.0	31.0	341	290	309	0.44	341
11/9/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	64.0	65.0	31.0	30.0	31.2	354	289	309	0.44	66.0	63.0	64.0	31.0	30.0	31.0	354	289	309	0.44	354
11/10/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	64.0	65.0	31.0	30.0	31.2	354	297	313	0.44	67.0	63.0	65.0	31.0	30.0	31.0	354	297	313	0.44	354
11/11/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	65.0	31.0	30.0	31.2	411	298	328	0.45	67.0	63.0	65.0	31.0	30.0	31.0	411	298	328	0.45	411
11/12/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	64.0	65.0	31.0	30.0	31.2	348	292	310	0.44	67.0	63.0	65.0	31.0	28.0	30.0	348	292	310	0.44	348
11/13/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	63.0	64.0	31.0	30.0	31.2	348	292	310	0.44	67.0	63.0	65.0	31.0	30.0	31.0	348	292	310	0.44	348
11/14/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	62.0	64.0	31.0	30.0	31.2	348	291	310	0.44	67.0	63.0	65.0	31.0	30.0	31.0	348	291	310	0.44	348
11/15/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	62.0	64.0	31.0	30.0	31.2	348	291	310	0.44	67.0	62.0	64.0	31.0	30.0	30.0	348	291	310	0.44	348
11/16/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	62.0	63.0	31.0	30.0	31.2	348	291	310	0.44	67.0	62.0	64.0	31.0	30.0	30.0	348	291	310	0.44	348
11/17/1999	0.0	0.0	0.0	13.0	13.0	13.0	65.0	62.0	63.0	31.0	30.0	31.2	348	290	310	0.44	67.0	62.0	63.0	31.0	30.0	31.0	348	290	310	0.44	348
11/18/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	62.0	65.0	31.0	30.0	31.2	348	290	313	0.44	66.0	61.0	63.0	31.0	29.0	31.0	348	290	313	0.44	348
11/19/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	62.0	65.0	31.0	30.0	31.2	348	290	313	0.44	65.0	62.0	63.0	31.0	30.0	31.0	348	290	313	0.44	348
11/20/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	63.0	64.0	31.0	30.0	31.2	348	290	313	0.44	66.0	62.0	64.0	31.0	30.0	30.0	348	290	313	0.44	348
11/21/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	63.0	64.0	31.0	30.0	31.2	348	290	313	0.44	66.0	62.0	64.0	31.0	30.0	30.0	348	290	313	0.44	348
11/22/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	62.0	64.0	31.0	30.0	31.2	348	290	313	0.44	66.0	62.0	64.0	31.0	30.0	30.0	348	290	313	0.44	348
11/23/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	62.0	63.0	31.0	30.0	31.2	348	290	313	0.44	67.0	62.0	64.0	31.0	30.0	30.0	348	290	313	0.44	348
11/24/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	62.0	63.0	31.0	30.0	31.2	348	290	313	0.44	67.0	62.0	64.0	31.0	30.0	30.0	348	290	313	0.44	348
11/25/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	62.0	63.0	31.0	30.0	31.2	348	290	313	0.44	67.0	62.0	64.0	31.0	30.0	30.0	348	290	313	0.44	348
11/26/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	62.0	64.0	31.0	30.0	31.2	348	290	313	0.44	67.0	62.0	64.0	31.0	30.0	31.0	348	290	313	0.44	348
11/27/1999	0.0	0.0	0.0	13.0	13.0	13.0	65.0	61.0	63.0	31.0	30.0	31.2	348	290	313	0.44	67.0	62.0	64.0	31.0	30.0	31.0	348	290	313	0.44	348
11/28/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	61.0	64.0	31.0	30.0	31.2	348	290	313	0.44	67.0	62.0	63.0	31.0	30.0	31.0	348	290	313	0.44	348
11/29/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	63.0	65.0	31.0	30.0	31.2	348	290	313	0.44	66.0	61.0	63.0	31.0	30.0	30.0	348	290	313	0.44	348
11/30/1999	0.0	0.0	0.0	13.0	13.0	13.0	66.0	62.0	64.0	31.0	30.0	31.2	348	290	313	0.44	66.0	61.0	63.0	31.0	30.0	30.0	348	290	313	0.44	348
12/1/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	62.0	65.0	31.2	30.0	30.0	351	290	320	0.44	66.0	61.0	63.0	31.0	30.0	31.0	351	290	320	0.44	351
12/2/1999	0.0	0.0	0.0	13.0	13.0	13.0	71.0	64.0	68.0	31.2	30.0	30.0	349	290	320	0.45	68.0	60.0	62.0	31.0	31.0	31.0	349	290	320	0.45	349
12/3/1999	0.0	0.0	0.0	13.0	13.0	13.0	70.0	67.0	68.0	31.2	30.0	30.0	357	290	320	0.45	67.0	64.0	65.0	31.0	31.0	31.0	357	290	320	0.45	357
12/4/1999	0.0	0.0	0.0	13.0	13.0	13.0	70.0	67.0	68.0	31.2	30.0	30.0	348	290	320	0.45	67.0	64.0	66.0	31.0	31.0	31.0	348	290	320	0.45	348
12/5/1999	0.0	0.0	0.0	13.0	13.0	13.0	70.0	67.0	68.0	31.2	30.0	30.0	350	290	320	0.45	67.0	65.0	66.0	31.0	31.0	31.0	350	290	320	0.45	350
12/6/1999	0.0	0.0	0.0	13.0	13.0	13.0	71.0	66.0	68.0	31.2	30.0	30.0	348	290	320	0.45	69.0	65.0	67.0	31.0	31.0	31.0	348	290	320	0.45	348
12/7/1999	0.0	0.0	0.0	13.0	13.0	13.0	70.0	66.0	68.0	31.2	30.0	30.0	350	290	320	0.45	69.0	65.0	66.0	31.0	31.0	31.0	350	290	320	0.45	350
12/8/1999	0.0	0.0	0.0	13.0	13.0	13.0	70.0	66.5	67.0	31.2	30.0	30.0	350	290	320	0.45	68.0	66.0	67.0	31.0	31.0	31.0	350	290	320	0.45	350
12/9/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	66.0	66.0	30.0	30.0	30.0	339	290	317	0.44	66.0	64.0	65.0	31.0	31.0	31.0	339	290	317	0.44	339
12/10/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	65.0	31.0	30.0	30.0	345	290	314	0.44	66.0	63.0	64.0	31.0	31.0	31.0	345	290	314	0.44	345
12/11/1999	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	65.0	30.0	30.0	30.0	343	292	318	0.44	68.0	63.0	64.0	31.0	31.0	31.0	343	292	318	0.44	343
12/12/1999	0.0	0.0	0.0	13.0	13.0	13.0	67.0	63.0	65.0	31.0	30.0	30.0	344	290	313	0.44	66.0	63.0	64.0	31.0	31.0	31.0	344	290	313	0.44	344
12/13/1999	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	65.0	30.0	30.0	30.0	344	290	313	0.44	68.0	63.0	65.0	31.0	31.0	31.0	344	290	313	0.44	344
12/14/1999	0.0	0.0	0.0	13.0	13.0	13.0	65.0	63.0	64.0	31.0	30.0	30.0	342	289	309	0.44	69.0	64.0	66.0	31.0	31.0	31.0	342	289	309	0.44	342
12/15/1999	0.0																										

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max
2/20/2000	0.0	0.0	0.0	13.0	13.0	13.0	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	0.72
2/21/2000	0.0	0.0	0.0	13.0	13.0	13.0	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	0.68
2/22/2000	0.0	0.0	0.0	13.0	13.0	13.0	66	64	65	31.0	31.0	31.0	281	279	280	0.95	72.0	68.0	70.0	31.0	31.0	31.0	281	279	280	0.95	0.68
2/23/2000	0.0	0.0	0.0	13.0	13.0	13.0	68	65	67	31.0	31.0	31.0	282	280	281	0.95	74.0	68.0	70.0	31.0	31.0	31.0	282	280	281	0.95	0.68
2/24/2000	0.0	0.0	0.0	13.0	13.0	13.0	69	66	68	31.0	31.0	31.0	283	281	282	0.95	73.0	68.0	70.0	31.0	30.0	31.0	283	281	282	0.95	0.72
2/25/2000	0.0	0.0	0.0	13.0	12.0	13.0	70	67	68	31.0	31.0	31.0	284	282	283	0.95	73.0	68.0	70.0	31.0	30.0	31.0	284	282	283	0.95	0.70
2/26/2000	0.0	0.0	0.0	13.0	12.0	13.0	71	68	69	34.0	30.0	31.0	285	283	284	0.95	73.0	68.0	70.0	34.0	30.0	31.0	285	283	284	0.95	0.68
2/27/2000	0.0	0.0	0.0	13.0	12.0	13.0	71	69	70	32.0	30.0	30.0	286	284	285	0.95	73.0	68.0	70.0	32.0	30.0	30.0	286	284	285	0.95	0.72
2/28/2000	0.0	0.0	0.0	13.0	12.0	12.0	72	69	71	31.0	30.0	30.0	287	285	286	0.95	72.0	68.0	70.0	31.0	30.0	30.0	287	285	286	0.95	0.68
2/29/2000	0.0	0.0	0.0	13.0	12.0	13.0	70	69	69	31.0	29.0	30.0	288	286	287	0.95	73.0	67.0	70.0	31.0	29.0	30.0	288	286	287	0.95	0.68
2/29/2000	0.0	0.0	0.0	13.0	12.0	13.0	72	69	70	32.0	30.0	31.0	289	287	288	0.95	73.0	67.0	70.0	32.0	30.0	30.0	289	287	288	0.95	0.68
3/1/2000	0.0	0.0	0.0	13.0	12.0	13.0	70	68	69	31.0	30.0	30.0	290	288	289	0.95	74.0	67.0	70.0	31.0	30.0	30.0	290	288	289	0.95	0.68
3/1/2000	0.0	0.0	0.0	13.0	7.0	12.0	70	66	68	31.0	27.0	30.0	291	289	290	0.95	74.0	64.0	69.0	31.0	27.0	30.0	291	289	290	0.95	0.68
3/1/2000	0.0	0.0	0.0	13.0	12.0	13.0	74	70	72	31.0	30.0	30.0	292	290	291	0.95	74.0	68.0	71.0	31.0	30.0	30.0	292	290	291	0.95	0.68
3/1/2000	0.0	0.0	0.0	13.0	12.0	13.0	72	70	69	31.0	30.0	30.0	293	291	292	0.95	74.0	67.0	70.0	31.0	30.0	30.0	293	291	292	0.95	0.68
3/1/2000	0.0	0.0	0.0	13.0	13.0	13.0	71	68	69	33.0	30.0	31.0	294	292	293	0.95	72.0	67.0	70.0	33.0	30.0	31.0	294	292	293	0.95	0.68
3/1/2000	0.0	0.0	0.0	13.0	13.0	13.0	75	70	72	31.0	30.0	30.0	295	293	294	0.95	73.0	68.0	70.0	31.0	30.0	30.0	295	293	294	0.95	0.68
3/1/2000	0.0	0.0	0.0	13.0	13.0	13.0	74	69	72	31.0	30.0	30.0	296	294	295	0.95	74.0	68.0	71.0	31.0	30.0	30.0	296	294	295	0.95	0.68
3/1/2000	0.0	0.0	0.0	13.0	10.0	12.0	72	65	67	33.0	23.0	30.0	297	295	296	0.95	72.0	58.0	68.0	33.0	24.0	30.0	297	295	296	0.95	0.68
3/1/2000	0.0	0.0	0.0	12.0	12.0	12.0	74	69	71	30.0	30.0	30.0	298	296	297	0.95	69.0	66.0	67.0	30.0	30.0	30.0	298	296	297	0.95	0.68
3/1/2000	0.0	0.0	0.0	13.0	12.0	12.0	76	69	72	30.0	29.0	30.0	299	297	298	0.95	71.0	64.0	68.0	30.0	29.0	30.0	299	297	298	0.95	0.68
3/2/2000	0.0	0.0	0.0	12.0	12.0	12.0	75	70	72	31.0	30.0	30.0	300	298	299	0.95	71.0	65.0	68.0	31.0	30.0	30.0	300	298	299	0.95	0.68
3/2/2000	0.0	0.0	0.0	12.0	4.0	11.0	75	66	68	30.0	28.0	28.0	301	299	300	0.95	71.0	62.0	65.0	30.0	28.0	28.0	301	299	300	0.95	0.68
3/2/2000	0.0	0.0	0.0	12.0	12.0	12.0	75	70	72	30.0	30.0	30.0	302	300	301	0.95	71.0	67.0	69.0	30.0	29.0	30.0	302	300	301	0.95	0.68
3/2/2000	0.0	0.0	0.0	12.0	12.0	12.0	75	70	72	30.0	30.0	30.0	303	301	302	0.95	72.0	67.0	70.0	30.0	30.0	30.0	303	301	302	0.95	0.68
3/2/2000	0.0	0.0	0.0	12.0	12.0	12.0	75	69	72	31.0	30.0	30.0	304	302	303	0.95	73.0	67.0	70.0	30.0	30.0	30.0	304	302	303	0.95	0.68
3/2/2000	0.0	0.0	0.0	13.0	12.0	12.0	75	69	71	31.0	30.0	30.0	305	303	304	0.95	74.0	67.0	70.0	31.0	30.0	30.0	305	303	304	0.95	0.68
3/2/2000	0.0	0.0	0.0	13.0	12.0	12.0	74	68	71	31.0	30.0	30.0	306	304	305	0.95	73.0	68.0	70.0	31.0	30.0	30.0	306	304	305	0.95	0.68
3/2/2000	0.0	0.0	0.0	13.0	12.0	12.0	72	68	69	31.0	29.0	30.0	307	305	306	0.95	72.0	68.0	69.0	31.0	29.0	30.0	307	305	306	0.95	0.68
3/2/2000	0.0	0.0	0.0	13.0	12.0	12.0	71	66	68	31.0	30.0	30.0	308	306	307	0.95	72.0	67.0	68.0	31.0	30.0	30.0	308	306	307	0.95	0.68
3/2/2000	0.0	0.0	0.0	13.0	12.0	13.0	72	66	69	32.0	30.0	30.0	309	307	308	0.95	72.0	66.0	69.0	32.0	30.0	30.0	309	307	308	0.95	0.68
3/30/2000	0.0	0.0	0.0	13.0	12.0	13.0	72	67	69	31.0	30.0	30.0	310	308	309	0.95	71.0	67.0	69.0	31.0	30.0	30.0	310	308	309	0.95	0.68
3/1/2000	0.0	0.0	0.0	13.0	12.0	13.0	68	66	67	31.0	31.0	31.0	311	309	310	0.95	74.0	70.0	72.0	31.0	31.0	31.0	311	309	310	0.95	0.68
3/2/2000	0.0	0.0	0.0	13.0	12.0	13.0	73	70	72	31.0	31.0	31.0	312	310	311	0.95	76.0	70.0	72.0	31.0	31.0	31.0	312	310	311	0.95	0.68
3/3/2000	0.0	0.0	0.0	13.0	12.0	13.0	74	71	73	31.0	31.0	31.0	313	311	312	0.95	75.0	70.0	72.0	31.0	30.0	31.0	313	311	312	0.95	0.68
3/4/2000	0.0	0.0	0.0	13.0	12.0	13.0	75	72	73	31.0	31.0	31.0	314	312	313	0.95	75.0	70.0	72.0	31.0	30.0	31.0	314	312	313	0.95	0.68
3/5/2000	0.0	0.0	0.0	13.0	12.0	13.0	76	73	74	34.0	30.0	31.0	315	313	314	0.95	75.0	70.0	72.0	34.0	30.0	31.0	315	313	314	0.95	0.68
3/6/2000	0.0	0.0	0.0	13.0	12.0	13.0	76	74	75	32.0	30.0	30.0	316	314	315	0.95	75.0	70.0	72.0	32.0	30.0	30.0	316	314	315	0.95	0.68
3/7/2000	0.0	0.0	0.0	13.0	12.0	13.0	77	74	76	31.0	30.0	30.0	317	315	316	0.95	74.0	70.0	72.0	31.0	30.0	30.0	317	315	316	0.95	0.68
3/8/2000	0.0	0.0	0.0	13.0	12.0	13.0	75	74	74	31.0	29.0	30.0	318	316	317	0.95	75.0	69.0	72.0	31.0	29.0	30.0	318	316	317	0.95	0.68
3/9/2000	0.0	0.0	0.0	13.0	12.0	13.0	77	74	75	32.0	30.0	31.0	319	317	318	0.95	75.0	69.0	72.0	32.0	30.0	30.0	319	317	318	0.95	0.68
3/10/2000	0.0	0.0	0.0	13.0	12.0	13.0	75	73	74	31.0	30.0	30.0	320	318	319	0.95	76.0	69.0	72.0	31.0	30.0	30.0	320	318	319	0.95	0.68
3/11/2000	0.0	0.0	0.0	13.0	12.0	13.0	75	71	73	31.0	27.0	30.0	321	319	320	0.95	76.0	66.0	71.0	31.0	27.0	30.0	321	319	320	0.95	0.68
3/12/2000	0.0	0.0	0.0	13.0	13.0	13.0	79	75	77	31.0	30.0	30.0	322	320	321	0.95	76.0	70.0	73.0	31.0	30.0	30.0	322	320	321	0.95	0.68
3/13/2000	0.0	0.0	0.0	13.0	13.0	13.0	77	75	74	31.0	30.0	30.0	323	321	322	0.95	76.0	69.0	72.0	31.0	30.0	30.0	323	321	322	0.95	0.68
3/14/2000	0.0	0.0	0.0	13.0	13.0	13.0	76	73	74	33.0	30.0	31.0	324	322	323	0.95	74.0	69.0	72.0	33.0	30.0	31.0	324	322	323	0.95	0.68
3/15/2000	0.0	0.0	0.0	13.0	13.0	13.0	80	75	77	31.0	30.0	30.0	325	323	324	0.95	75.0	70.0	72.0	31.0	30.0	30.0	325	323	324	0.95	0.68
3/16/2000	0.0	0.0	0.0	13.0	13.0	13.0	79	74	77	31.0	30.0	30.0	326	324	325	0.95	76.0	70.0	73.0	31.0	30.0	30.0	326	324	325	0.95	0.68
3/17/2000	0.0	0.0	0.0	13.0	13.0	13.0	77	70	72	33.0	23.0	30.0	327	325	32												

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
5/20/2000	0.0	0.0	0.0	12.0	12.0	12.0	80	75	77	31.0	30.0	30.0	414	252	336	0.94	73.0	67.0	70.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
5/21/2000	0.0	0.0	0.0	12.0	12.0	12.0	80	71	73	30.0	28.0	28.0	425	229	333	0.85	73.0	64.0	67.0	30.0	28.0	28.0	0.00	0.00	0.00	0.00		
5/22/2000	0.0	0.0	0.0	12.0	12.0	12.0	80	75	77	30.0	30.0	30.0	394	237	333	0.81	73.0	69.0	71.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
5/23/2000	0.0	0.0	0.0	13.0	12.0	12.0	80	74	77	31.0	30.0	30.0	385	246	331	0.78	74.0	69.0	72.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
5/24/2000	0.0	0.0	0.0	13.0	12.0	12.0	80	74	76	31.0	30.0	30.0	387	242	333	0.82	75.0	69.0	72.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
5/25/2000	0.0	0.0	0.0	13.0	12.0	12.0	79	73	76	31.0	30.0	30.0	381	242	331	0.77	76.0	69.0	72.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
5/26/2000	0.0	0.0	0.0	13.0	12.0	12.0	77	73	74	31.0	29.0	30.0	374	238	318	0.78	74.0	70.0	71.0	31.0	29.0	30.0	0.00	0.00	0.00	0.00		
5/27/2000	0.0	0.0	0.0	13.0	12.0	12.0	76	71	73	31.0	30.0	30.0	385	233	331	0.85	74.0	69.0	70.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
5/28/2000	0.0	0.0	0.0	13.0	12.0	12.0	77	71	74	32.0	30.0	30.0	368	202	319	0.69	74.0	68.0	71.0	32.0	30.0	30.0	0.00	0.00	0.00	0.00		
5/31/2000	0.0	0.0	0.0	13.0	12.0	12.0	77	72	74	31.0	30.0	30.0	371	228	327	0.82	73.0	69.0	71.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/1/2000	0.0	0.0	0.0	13.0	13.0	13.0	80	74	77	31.0	30.0	30.0	388	240	333	0.88	73.0	64.0	67.0	30.0	28.0	28.0	0.00	0.00	0.00	0.00		
6/2/2000	0.0	0.0	0.0	13.0	13.0	13.0	67.0	64.0	65.0	31.0	30.0	30.0	353	211	303	0.69	68.0	65.0	66.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/3/2000	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	65.0	31.0	30.0	30.0	355	215	309	0.73	68.0	65.0	66.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/4/2000	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	31.0	30.0	30.0	358	216	309	0.73	70.0	65.0	67.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/5/2000	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	30.0	20.0	29.0	328	204	219	0.62	70.0	65.0	67.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/6/2000	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	31.0	17.0	28.0	343	235	274	0.69	70.0	66.0	68.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/7/2000	0.0	0.0	0.0	13.0	13.0	13.0	68.0	63.0	65.0	31.0	18.0	29.0	338	238	276	0.69	69.0	66.0	67.0	31.0	31.0	31.0	0.00	0.00	0.00	0.00		
6/8/2000	0.0	0.0	0.0	13.0	13.0	13.0	67.0	64.0	65.0	31.0	16.0	26.0	333	233	271	0.69	70.0	65.0	67.0	31.0	30.0	31.0	0.00	0.00	0.00	0.00		
6/9/2000	0.0	0.0	0.0	13.0	13.0	13.0	67.0	64.0	65.0	31.0	18.0	27.0	329	235	273	0.73	67.0	65.0	65.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/10/2000	0.0	0.0	0.0	13.0	13.0	13.0	71.0	65.0	67.0	31.0	17.0	26.0	325	214	287	0.68	69.0	65.0	67.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/11/2000	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	31.0	17.0	26.0	328	215	285	0.63	71.0	65.0	68.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/12/2000	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	34.0	30.0	31.0	311	235	280	0.72	70.0	65.0	66.0	31.0	30.0	31.0	0.00	0.00	0.00	0.00		
6/13/2000	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	30.0	30.0	31.0	315	232	319	0.84	68.0	65.0	66.0	34.0	30.0	31.0	0.00	0.00	0.00	0.00		
6/14/2000	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	30.0	30.0	30.0	308	228	302	0.74	69.0	65.0	67.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/15/2000	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	30.0	30.0	30.0	307	229	305	0.82	71.0	65.0	67.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/16/2000	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	66.0	30.0	30.0	30.0	307	229	305	0.82	69.0	65.0	67.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/17/2000	0.0	0.0	0.0	13.0	7.0	12.0	67.0	63.0	65.0	30.0	28.0	30.0	307	233	308	0.81	69.0	65.0	67.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/18/2000	0.0	0.0	0.0	13.0	12.0	13.0	68.0	63.0	65.0	30.0	30.0	30.0	309	232	306	0.71	69.0	65.0	66.0	30.0	28.0	30.0	0.00	0.00	0.00	0.00		
6/19/2000	0.0	0.0	0.0	13.0	13.0	13.0	65.0	63.0	64.0	30.0	30.0	30.0	305	237	303	0.72	66.0	65.0	65.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/20/2000	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	65.0	30.0	30.0	30.0	327	238	306	0.87	66.0	64.0	64.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/21/2000	0.0	0.0	0.0	13.0	13.0	13.0	70.0	64.0	67.0	34.0	18.0	30.0	329	225	305	0.83	67.0	64.0	65.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/22/2000	0.0	0.0	0.0	13.0	13.0	13.0	70.0	64.0	67.0	34.0	18.0	30.0	343	279	330	0.90	69.0	64.0	66.0	34.0	30.0	31.0	0.00	0.00	0.00	0.00		
6/23/2000	0.0	0.0	0.0	13.0	13.0	13.0	69.0	64.0	66.0	35.0	25.0	30.0	374	233	320	0.73	70.0	65.0	67.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/24/2000	0.0	0.0	0.0	13.0	13.0	13.0	70.0	64.0	66.0	30.0	23.0	29.0	311	232	302	0.82	71.0	64.0	66.0	30.0	23.0	29.0	0.00	0.00	0.00	0.00		
6/25/2000	0.0	0.0	0.0	13.0	13.0	13.0	68.0	64.0	64.0	29.0	16.0	21.0	317	212	284	0.71	70.0	64.0	66.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/27/2000	0.0	0.0	0.0	13.0	13.0	13.0	67.0	63.0	65.0	24.0	4.0	14.0	305	207	259	0.52	69.0	64.0	65.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/28/2000	0.0	0.0	0.0	13.0	13.0	13.0	68.0	63.0	65.0	30.0	7.0	15.0	341	271	325	0.82	68.0	64.0	66.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
6/29/2000	0.0	0.0	0.0	13.0	13.0	13.0	67.0	63.0	64.0	29.0	5.0	11.0	329	274	300	0.72	70.0	65.0	67.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/1/2000	0.0	0.0	0.0	13.0	13.0	13.0	68.0	63.0	65.0	30.0	8.0	13.0	308	274	307	0.91	69.0	64.0	66.0	31.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/2/2000	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	73.0	35.0	28.0	31.0	307	278	343	0.73	68.0	64.0	65.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/3/2000	0.0	0.0	0.0	13.0	13.0	13.0	76.0	71.0	73.0	38.0	29.0	31.0	313	288	343	0.73	76.0	72.0	73.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/4/2000	0.0	0.0	0.0	13.0	13.0	13.0	76.0	69.0	74.0	38.0	28.0	31.0	343	263	329	0.85	77.0	72.0	74.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/5/2000	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	33.0	28.0	30.0	332	249	327	0.81	79.0	73.0	76.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/6/2000	0.0	0.0	0.0	13.0	13.0	13.0	77.0	71.0	74.0	32.0	30.0	31.0	358	234	336	0.82	80.0	73.0	76.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/7/2000	0.0	0.0	0.0	13.0	13.0	13.0	76.0	72.0	74.0	33.0	30.0	31.0	360	258	345	0.81	80.0	70.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/8/2000	0.0	0.0	0.0	13.0	13.0	13.0	76.0	0.0	74.0	33.0	30.0	31.0	336	217	308	0.83	79.0	0.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/9/2000	0.0	0.0	0.0	13.0	13.0	13.0	76.0	0.0	74.0	38.0	28.0	31.0	343	217	308	0.82	79.0	74.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/10/2000	0.0	0.0	0.0	13.0	13.0	13.0	76.0	0.0	74.0	33.0	28.0	31.0	343	217	308	0.82	81.0	74.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot	
7/10/2000	0.0	0.0	0.0	13.0	0.0	13.0	76.0	71.0	74.0	33.0	0.0	31.0	404	0	22	0.21	81.0	74.0	76.0	30.0	0.0	30.0	0.00	0.00	0.00	0.00		
7/11/2000	0.0	0.0	0.0	13.0	0.0	13.0	75.0	70.0	74.0	33.0	0.0	31.0	374	0	24	0.22	81.0	74.0	76.0	30.0	0.0	30.0	0.00	0.00	0.00	0.00		
7/12/2000	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	74.0	33.0	25.0	31.0	263	222	23	0.12	81.0	74.0	76.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
7/13/2000	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	74.0	33.0	31.0	31.0	472	378	21	0.20	79.0	74.0	76.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
7/14/2000	0.0	0.0	0.0	13.0	13.0	13.0	74.0	71.0	74.0	33.0	29.0	31.0	407	300	20	0.18	80.0	74.0	76.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
7/15/2000	0.0	0.0	0.0	13.0	13.0	13.0	74.0	0.0	73.0	36.0	28.0	31.0	329	246	20	0.20	79.0	74.0	76.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
7/16/2000	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	73.0	32.0	28.0	31.0	712	350	22	0.22	80.0	74.0	75.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
7/17/2000	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	73.0	33.0	31.0	31.0	582	346	24	0.21	80.0	74.0	76.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
7/18/2000	0.0	0.0	0.0	13.0	0.0	13.0	75.0	71.0	73.0	35.0	0.0	31.0	370	0	23	0.22	80.0	0.0	76.0	30.0	0.0	30.0	0.00	0.00	0.00	0.00		
7/19/2000	0.0	0.0	0.0	13.0	13.0	13.0	75.0	71.0	73.0	32.0	30.0	31.0	454	382	22	0.22	80.0	74.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/20/2000	0.0	0.0	0.0	13.0	5.0	13.0	77.0	72.0	73.0	34.0	28.0	31.0	343	232	21	0.17	80.0	74.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/21/2000	0.0	0.0	0.0	13.0	13.0	13.0	77.0	74.0	73.0	33.0	30.0	31.0	541	376	24	0.21	80.0	74.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/22/2000	0.0	0.0	0.0	13.0	0.0	13.0	78.0	74.0	75.0	33.0	30.0	31.0	762	377	22	0.21	80.0	75.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/23/2000	0.0	0.0	0.0	13.0	13.0	13.0	80.0	75.0	75.0	33.0	30.0	31.0	756	342	22	0.23	80.0	75.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/24/2000	0.0	0.0	0.0	13.0	13.0	13.0	80.0	68.0	76.0	33.0	30.0	31.0	623	343	20	0.17	79.0	75.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/25/2000	0.0	0.0	0.0	13.0	13.0	13.0	78.0	64.0	76.0	37.0	30.0	32.0	602	270	21	0.21	80.0	75.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/26/2000	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	76.0	33.0	30.0	31.0	573	319	22	0.21	80.0	75.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/27/2000	0.0	0.0	0.0	13.0	13.0	13.0	75.0	70.0	75.0	33.0	30.0	31.0	642	336	22	0.21	80.0	75.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/28/2000	0.0	0.0	0.0	13.0	0.0	13.0	73.0	69.0	70.0	34.0	30.0	31.0	422	242	20	0.15	80.0	75.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/29/2000	0.0	0.0	0.0	13.0	13.0	13.0	75.0	69.0	72.0	33.0	30.0	31.0	751	312	23	0.22	79.0	74.0	77.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/30/2000	0.0	0.0	0.0	13.0	13.0	13.0	74.0	69.0	72.0	33.0	30.0	31.0	543	377	22	0.22	80.0	75.0	77.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00		
7/31/2000	0.0	0.0	0.0	13.0	13.0	13.0	74.0	70.0	74.0	33.0	0.0	31.0	612	328	22	0.22	79.0	75.0	75.0	30.0	0.0	29.0	0.00	0.00	0.00	0.00		
8/1/2000	0.8	0.7	0.8	13.6	13.4	13.5	74.0	69.0	71.0	32.0	30.0	31.0	511	343	22	0.22	80.0	75.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/2/2000	0.8	0.7	0.8	13.5	13.4	13.5	75.0	70.0	71.0	38.0	29.0	33.5	627	330	22	0.22	80.0	75.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/3/2000	0.8	0.7	0.8	13.6	13.4	13.5	74.0	71.0	72.0	32.0	31.0	31.5	774	328	21	0.22	79.0	75.0	76.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/4/2000	0.9	0.7	0.8	13.6	13.2	13.4	74.0	70.0	72.0	32.0	30.0	31.0	510	311	20	0.20	80.0	75.0	77.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/5/2000	0.8	0.7	0.8	13.6	13.4	13.5	74.0	71.0	72.0	33.0	31.0	32.0	577	322	20	0.22	80.0	75.0	77.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/6/2000	0.8	0.8	0.8	13.6	13.4	13.5	76.0	71.0	73.0	33.0	30.0	31.5	606	332	21	0.22	82.0	76.0	77.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/7/2000	0.8	0.7	0.8	13.6	13.4	13.5	76.0	71.0	73.0	33.0	30.0	31.5	755	312	22	0.22	83.0	76.0	77.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/8/2000	0.8	0.6	0.7	13.6	13.4	13.5	76.0	71.0	73.0	37.0	29.0	33.0	602	324	22	0.21	82.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/9/2000	0.8	0.7	0.8	13.7	13.4	13.6	76.0	71.0	73.0	33.0	31.0	32.0	763	322	22	0.22	81.0	77.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/10/2000	0.8	0.8	0.8	13.6	13.5	13.6	76.0	71.0	73.0	33.0	31.0	32.0	700	324	22	0.22	81.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/11/2000	0.9	0.7	0.8	13.6	13.4	13.5	76.0	71.0	74.0	33.0	28.0	30.5	623	327	22	0.22	83.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/12/2000	0.8	0.7	0.8	13.6	13.4	13.5	76.0	71.0	73.0	33.0	31.0	32.0	772	322	22	0.22	83.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/13/2000	0.9	0.6	0.8	13.6	13.4	13.5	75.0	71.0	73.0	34.0	29.0	31.5	622	322	21	0.21	81.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/14/2000	0.8	0.7	0.8	13.6	13.4	13.5	74.0	71.0	73.0	33.0	31.0	32.0	761	322	22	0.22	81.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/15/2000	0.8	0.7	0.8	13.5	13.4	13.5	75.0	72.0	72.0	33.0	29.0	31.0	771	322	22	0.22	82.0	76.0	78.0	30.0	0.0	30.0	0.00	0.00	0.00	0.00		
8/16/2000	0.8	0.7	0.8	13.6	13.4	13.5	75.0	70.0	72.0	33.0	31.0	32.0	602	310	22	0.22	82.0	76.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/17/2000	0.8	0.7	0.8	13.6	13.4	13.5	75.0	70.0	72.0	33.0	31.0	32.0	752	316	22	0.22	82.0	76.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/18/2000	1.0	0.7	0.9	13.6	13.4	13.5	73.0	70.0	72.0	33.0	31.0	32.0	721	322	22	0.22	82.0	76.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/19/2000	0.8	0.7	0.8	13.6	13.4	13.5	75.0	70.0	72.0	33.0	31.0	32.0	724	321	22	0.22	82.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/20/2000	0.8	0.7	0.8	13.6	13.4	13.5	74.0	70.0	72.0	38.0	28.0	33.0	622	321	22	0.22	82.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/21/2000	0.8	0.8	0.8	13.6	13.4	13.5	75.0	70.0	73.0	37.0	31.0	34.0	417	302	21	0.22	82.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/22/2000	0.9	0.8	0.9	13.6	13.4	13.5	76.0	71.0	73.0	37.0	31.0	34.0	601	316	22	0.22	82.0	77.0	79.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/23/2000	0.8	0.7	0.8	13.6	13.3	13.5	77.0	72.0	75.0	34.0	31.0	32.5	621	324	22	0.22	82.0	77.0	79.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/24/2000	0.8	0.7	0.8	13.6	13.4	13.5	77.0	75.0	75.0	34.0	30.0	32.0	642	322	22	0.21	80.0	76.0	78.0	30.0	0.0	30.0	0.00	0.00	0.00	0.00		
8/25/2000	0.9	0.7	0.8	13.5	13.4	13.5	76.0	72.0	75.0	39.0	29.0	34.0	762	322	22	0.21	82.0	76.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/26/2000	0.8	0.7	0.8	13.6	13.2	13.4	77.0	72.0	75.0	37.0	29.0	33.0	641	342	22	0.20	83.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/27/2000	0.8	0.6	0.7	13.6	13.4	13.5	77.0	67.0	74.0	33.0	31.0	32.0																

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPD)				IW-1 Total (GPD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPD)				IW-2 Total (GPD)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max		Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min		Avg
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max		Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min		Avg
8/30/2000	0.9	0.8	0.9	13.6	13.4	13.5	80.0	75.0	78.0	36.0	30.0	33.0	720	490	300	0.30	83.0	77.0	80.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00			
8/31/2000	0.8	0.8	0.8	13.6	13.4	13.5	78.0	65.0	74.0	33.0	31.0	32.0	730	500	310	0.30	83.0	78.0	80.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00			
9/1/2000				13.0	13.4	13.2	74.0	69.0	71.0	32.0	30.0	31.0	917	545	280	0.17	80.0	75.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/2/2000				13.0	13.0	13.0	75.0	70.0	71.0	38.0	29.0	33.5	857	530	320	0.16	80.0	75.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/3/2000				13.0	13.0	13.0	74.0	71.0	72.0	32.0	31.0	31.5	730	500	310	0.30	79.0	75.0	76.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/4/2000				13.0	13.0	13.0	74.0	70.0	72.0	32.0	30.0	31.0	618	413	280	0.22	80.0	75.0	77.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/5/2000	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	33.0	30.0	31.5	895	485	310	0.21	80.0	75.0	77.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/7/2000	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	33.0	30.0	31.5	768	418	290	0.21	82.0	76.0	77.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/8/2000	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	37.0	29.0	33.0	863	624	360	0.36	83.0	76.0	77.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/9/2000	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	33.0	31.0	32.0	760	580	310	0.33	81.0	77.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/10/2000	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	33.0	31.0	32.0	760	580	310	0.33	81.0	77.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/11/2000	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	33.0	31.0	32.0	760	580	310	0.33	81.0	77.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/12/2000	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	33.0	28.0	30.5	758	607	320	0.34	83.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/13/2000	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	34.0	29.0	31.5	800	555	310	0.31	81.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/14/2000	<1	<1	<1	13.0	13.0	13.0	74.0	71.0	73.0	33.0	31.0	32.0	772	580	320	0.32	83.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/15/2000	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	33.0	31.0	32.0	760	580	310	0.33	81.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/16/2000	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	72.0	33.0	31.0	32.0	770	580	320	0.32	82.0	76.0	78.0	30.0	0.0	30.0	0.00	0.00	0.00	0.00			
9/17/2000	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	72.0	33.0	31.0	32.0	760	580	310	0.33	82.0	76.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/18/2000	<1	<1	<1	13.0	13.0	13.0	73.0	70.0	72.0	33.0	31.0	32.0	760	580	310	0.33	82.0	76.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/19/2000	<1	<1	<1	13.0	13.0	13.0	73.0	70.0	72.0	33.0	31.0	32.0	770	580	320	0.32	82.0	76.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/20/2000	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	72.0	33.0	31.0	32.0	770	580	320	0.32	82.0	76.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/21/2000	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	38.0	28.0	33.0	800	511	310	0.30	82.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/22/2000	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	73.0	37.0	31.0	34.0	817	600	310	0.30	82.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/23/2000	<1	<1	<1	13.0	13.0	13.0	77.0	72.0	75.0	34.0	31.0	32.5	810	610	310	0.30	82.0	77.0	79.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00			
9/24/2000	<1	<1	<1	13.0	13.0	13.0	77.0	75.0	75.0	34.0	30.0	32.0	810	610	310	0.30	80.0	76.0	79.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00			
9/25/2000	<1	<1	<1	13.0	13.0	13.0	76.0	72.0	75.0	39.0	29.0	34.0	810	610	310	0.30	82.0	76.0	78.0	30.0	0.0	30.0	0.00	0.00	0.00	0.00			
9/26/2000	<1	<1	<1	13.0	13.0	13.0	77.0	72.0	75.0	37.0	29.0	33.0	810	610	310	0.30	83.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/27/2000	<1	<1	<1	13.0	13.0	13.0	77.0	72.0	75.0	37.0	29.0	33.0	810	610	310	0.30	82.0	76.0	78.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/28/2000	<1	<1	<1	13.0	13.0	13.0	77.0	67.0	74.0	33.0	31.0	32.0	810	610	310	0.30	83.0	76.0	79.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00			
9/29/2000	<1	<1	<1	13.0	13.0	13.0	80.0	58.0	67.0	34.0	30.0	32.0	810	610	310	0.30	82.0	77.0	78.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00			
9/30/2000	<1	<1	<1	13.0	13.0	13.0	81.0	75.0	78.0	36.0	30.0	33.0	810	610	310	0.30	83.0	77.0	79.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00			
10/1/2000	<1	<1	<1	13.0	13.0	13.0	80.0	75.0	78.0	36.0	30.0	33.0	810	610	310	0.30	83.0	77.0	79.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00			
10/2/2000	<1	<1	<1	13.0	13.0	13.0	75.0	72.0	74.0	32.0	32.0	32.0	810	610	310	0.30	82.0	76.0	78.0	34.0	29.0	32.0	0.00	0.00	0.00	0.00			
10/3/2000	<1	<1	<1	13.0	13.0	13.0	74.0	72.0	74.0	32.0	32.0	32.0	810	610	310	0.30	81.0	76.0	78.0	36.0	29.0	32.0	0.00	0.00	0.00	0.00			
10/4/2000	<1	<1	<1	13.0	13.0	13.0	72.0	72.0	72.0	32.0	32.0	32.0	810	610	310	0.30	78.0	76.0	76.0	36.0	28.0	32.0	0.00	0.00	0.00	0.00			
10/5/2000	<1	<1	<1	13.0	13.0	13.0	74.0	71.0	72.0	32.0	32.0	32.0	810	610	310	0.30	81.0	75.0	78.0	40.0	27.0	32.0	0.00	0.00	0.00	0.00			
10/6/2000	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	32.0	32.0	32.0	810	610	310	0.30	84.0	77.0	79.0	37.0	29.0	32.0	0.00	0.00	0.00	0.00			
10/7/2000	<1	<1	<1	13.0	13.0	13.0	77.0	72.0	74.0	32.0	32.0	32.0	810	610	310	0.30	84.0	77.0	79.0	35.0	23.0	32.0	0.00	0.00	0.00	0.00			
10/8/2000	<1	<1	<1	13.0	13.0	13.0	75.0	73.0	74.0	32.0	32.0	32.0	810	610	310	0.30	84.0	77.0	80.0	34.0	29.0	32.0	0.00	0.00	0.00	0.00			
10/9/2000	<1	<1	<1	13.0	13.0	13.0	77.0	73.0	75.0	32.0	32.0	32.0	810	610	310	0.30	84.0	77.0	80.0	35.0	28.0	32.0	0.00	0.00	0.00	0.00			
10/10/2000	<1	<1	<1	13.0	13.0	13.0	77.0	74.0	74.0	32.0	32.0	32.0	810	610	310	0.30	84.0	77.0	80.0	35.0	28.0	32.0	0.00	0.00	0.00	0.00			
10/11/2000	<1	<1	<1	14.0	13.0	13.0	77.0	72.0	75.0	32.0	32.0	32.0	810	610	310	0.30	81.0	76.0	78.0	37.0	27.0	32.0	0.00	0.00	0.00	0.00			
10/12/2000	<1	<1	<1	14.0	13.0	13.0	76.0	55.0	73.0	32.0	32.0	32.0	810	610	310	0.30	81.0	75.0	80.0	37.0	29.0	32.0	0.00	0.00	0.00	0.00			
10/13/2000	<1	<1	<1	13.0	13.0	13.0	66.0	46.0	61.0	32.0	32.0	32.0	810	610	310	0.30	81.0	77.0	80.0	36.0	25.0	32.0	0.00	0.00	0.00	0.00			
10/14/2000	<1	<1	<1	13.0	13.0	13.0	55.0	42.0	51.0	32.0	32.0	32.0	810	610	310	0.30	81.0	77.0	79.0	36.0	24.0	32.0	0.00	0.00	0.00	0.00			
10/15/2000	<1	<1	<1	13.0	13.0	13.0	75.0	58.0	62.0	32.0	32.0	32.0	810	610	310	0.30	82.0	77.0	79.0	36.0	26.0	32.0	0.00	0.00	0.00	0.00			
10/16/2000	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	69.0	32.0	32.0	32.0	810	610	310	0.30	83.0	77.0	79.0	35.0	26.0	32.0	0.00	0.00	0.00	0.00			
10/17/2000	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	73.0	32.0	32.0	32.0	810	610	310	0.30	83.0	77.0</											

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
12/10/2000	<1	<1	<1	13.0	13.0	13.0	75.0	73.0	74.0	32.0	32.0	32.0	0	0	0	0.00	79.0	72.0	76.0	35.0	27.0	30.0	78.00	0.00	437.00	1.00		
12/11/2000	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	32.0	32.0	32.0	0	0	0	0.00	77.0	71.0	74.0	35.0	30.0	31.0	577.00	401.00	433.00	0.97		
12/12/2000	<1	<1	<1	13.0	13.0	13.0	79.0	75.0	77.0	32.0	32.0	32.0	0	0	0	0.00	77.0	72.0	75.0	35.0	30.0	31.0	761.00	306.00	288.00	0.97		
12/14/2000	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	73.0	30.0	30.0	31.0	578	386	348	0.68	76.0	71.0	74.0	36.0	31.0	31.0	744.00	385.00	421.00	0.54		
12/15/2000	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	35.0	30.0	31.0	578	421	423	0.72	78.0	72.0	75.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/16/2000	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	32.0	30.0	31.0	580	428	437	0.66	77.0	71.0	74.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/17/2000	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	31.0	30.0	31.0	587	389	442	0.65	75.0	72.0	73.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/18/2000	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	31.0	30.0	31.0	587	389	442	0.65	79.0	72.0	76.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/19/2000	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	74.0	32.0	30.0	30.0	587	389	442	0.65	77.0	71.0	74.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/20/2000	<1	<1	<1	13.0	13.0	13.0	77.0	71.0	74.0	32.0	30.0	30.0	587	389	442	0.65	77.0	72.0	75.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/21/2000	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	73.0	32.0	30.0	31.0	748	0	578	0.62	76.0	71.0	74.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/22/2000	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	72.0	32.0	31.0	31.0	748	0	578	0.73	77.0	71.0	74.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/23/2000	<1	<1	<1	13.0	13.0	13.0	73.0	70.0	71.0	33.0	27.0	31.0	748	0	548	0.67	78.0	72.0	75.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/24/2000	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	72.0	32.0	27.0	31.0	748	0	528	0.62	76.0	72.0	74.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/25/2000	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	72.0	32.0	27.0	31.0	748	0	528	0.60	78.0	72.0	75.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/26/2000	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	72.0	40.0	28.0	31.0	748	0	507	0.60	77.0	71.0	74.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/27/2000	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	74.0	33.0	29.0	32.0	1288	0	820	0.65	75.0	72.0	73.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/28/2000	<1	<1	<1	13.0	13.0	13.0	74.0	71.0	72.0	32.0	30.0	31.0	577	0	488	0.61	79.0	72.0	76.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/29/2000	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	33.0	29.0	31.0	757	0	588	0.66	77.0	71.0	74.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
12/31/2000	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	73.0	38.0	30.0	31.0	1198	0	688	0.66	76.0	71.0	74.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/1/2001	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	72.0	33.0	30.0	31.0	578	421	448	0.60	63.0	57.0	59.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/2/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	35.0	30.0	31.0	580	422	537	0.65	63.0	58.0	60.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/3/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	32.0	30.0	31.0	748	389	443	0.65	63.0	58.0	60.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/6/2001	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	31.0	30.0	31.0	607	389	442	0.61	61.0	58.0	60.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/8/2001	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	74.0	32.0	30.0	30.0	607	389	442	0.60	62.0	57.0	59.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/9/2001	<1	<1	<1	13.0	13.0	13.0	77.0	71.0	74.0	32.0	30.0	31.0	748	0	478	0.60	64.0	58.0	60.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/10/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	73.0	32.0	30.0	31.0	748	0	478	0.60	64.0	58.0	61.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/11/2001	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	72.0	32.0	31.0	31.0	748	0	478	0.60	65.0	59.0	61.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/12/2001	<1	<1	<1	13.0	13.0	13.0	72.0	71.0	71.0	32.0	30.0	31.0	748	0	468	0.60	63.0	60.0	62.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/13/2001	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	72.0	40.0	28.0	31.0	748	597	605	0.62	63.0	58.0	60.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/14/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	74.0	33.0	29.0	32.0	1288	0	620	0.65	66.0	60.0	62.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/15/2001	<1	<1	<1	13.0	13.0	13.0	74.0	71.0	72.0	32.0	30.0	31.0	477	0	468	0.60	66.0	61.0	63.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/16/2001	<1	<1	<1	13.0	13.0	13.0	77.0	71.0	74.0	37.0	27.0	31.0	1198	0	468	0.60	67.0	61.0	63.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/17/2001	<1	<1	<1	13.0	13.0	13.0	75.2	71.0	73.0	37.0	29.0	31.0	1198	0	468	0.60	67.0	62.0	64.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/18/2001	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	45.0	28.0	31.0	1527	0	557	0.65	67.0	63.0	64.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/20/2001	<1	<1	<1	13.0	13.0	13.0	74.0	71.0	73.0	32.0	29.0	31.0	748	389	498	0.67	67.0	62.0	64.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/22/2001	<1	<1	<1	13.0	13.0	13.0	73.0	71.0	73.0	32.0	29.0	30.0	748	389	618	0.70	64.0	59.0	62.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/23/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	74.0	37.8	29.0	31.0	838	0	648	0.60	62.0	60.0	61.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/24/2001	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	73.0	42.0	27.0	30.0	1038	0	588	0.63	64.0	59.0	61.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/25/2001	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	74.0	32.0	29.0	30.0	788	402	618	0.65	64.0	59.0	61.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/26/2001	<1	<1	<1	13.0	13.0	13.0	78.0	71.0	74.0	31.0	29.0	30.0	808	320	618	0.51	64.0	59.0	61.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/27/2001	<1	<1	<1	13.0	13.0	13.0	77.0	70.0	73.0	32.0	29.0	30.0	750	330	444	0.70	65.0	59.0	61.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		
1/28/2001	<1	<1	<1	13.0	13.0	13.0	75.0	67.0	72.0	32.0	30.0	31.0	750	587	608	0.68	71.0	61.0	65.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00		

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				IW-2 Total (MGD)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max		Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min		Avg	Max
1/30/2001	<1	<1	<1	13.0	13.0	13.0	73.0	61.0	70.0	31.0	30.0	30.0	177	162	159	0.11	73.0	67.0	70.0	32.0	32.0	32.0	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31/2001	<1	<1	<1	13.0	13.0	13.0	77.0	67.0	74.0	32.0	30.0	30.0	173	170	165	0.10	63.0	58.0	60.0	32.0	32.0	32.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/1/2001	<1	<1	<1	13.1	13.0	13.0	70.1	63.0	66.0	32.1	28.0	30.0	150	143	143	0.11	74.0	68.0	70.0	29.0	28.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/2/2001	<1	<1	<1	13.1	13.0	13.0	75.0	69.0	72.0	32.0	30.0	30.0	171	168	162	0.11	73.0	68.0	70.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/3/2001	<1	<1	<1	13.1	13.0	13.0	75.0	68.0	71.0	32.0	29.0	30.0	175	162	159	0.12	74.0	68.0	70.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/4/2001	<1	<1	<1	13.1	13.0	13.0	75.0	69.0	71.0	33.0	31.0	31.0	161	156	154	0.11	74.0	69.0	71.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/5/2001	<1	<1	<1	13.1	13.0	13.0	74.0	70.0	71.0	32.0	28.0	31.0	159	153	150	0.11	72.0	68.0	69.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/6/2001	<1	<1	<1	13.1	13.0	13.0	75.0	70.0	73.0	37.0	29.0	30.0	163	159	152	0.11	72.0	66.0	69.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7/2001	<1	<1	<1	13.1	13.0	13.0	76.0	70.0	73.0	31.0	28.0	30.0	164	158	155	0.11	73.0	67.0	69.0	32.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/8/2001	<1	<1	<1	13.1	13.0	13.0	74.0	69.0	72.0	31.0	29.0	30.0	162	159	153	0.11	72.0	68.0	70.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/2001	<1	<1	<1	13.1	13.0	13.0	74.0	70.0	72.0	33.0	30.0	30.0	164	162	151	0.12	73.0	69.0	71.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10/2001	<1	<1	<1	13.1	13.0	13.0	75.0	70.0	72.0	32.0	30.0	31.0	163	162	152	0.12	74.0	70.0	71.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11/2001	<1	<1	<1	13.1	13.0	13.0	76.0	70.0	73.0	32.0	31.0	31.0	164	160	149	0.11	75.0	70.0	72.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/12/2001	<1	<1	<1	13.1	13.0	13.0	76.0	71.0	73.0	32.0	30.0	31.0	163	160	150	0.11	74.0	70.0	72.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/13/2001	<1	<1	<1	13.1	13.0	13.0	75.0	71.0	73.0	33.0	29.0	30.0	163	161	150	0.11	75.0	70.0	72.0	30.0	27.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/14/2001	<1	<1	<1	13.1	12.0	13.0	77.0	71.0	75.0	33.0	29.0	30.0	161	159	149	0.11	75.0	70.0	72.0	29.0	28.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/15/2001	<1	<1	<1	13.1	12.0	13.0	77.0	72.0	75.0	33.0	30.0	31.0	161	159	149	0.11	77.0	71.0	73.0	31.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/17/2001	<1	<1	<1	13.1	12.0	13.0	77.0	72.0	75.0	35.0	31.0	31.0	164	162	151	0.12	74.0	71.0	73.0	31.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18/2001	<1	<1	<1	13.1	12.0	13.0	77.0	73.0	75.0	38.0	28.0	31.0	162	160	150	0.12	74.0	71.0	72.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19/2001	<1	<1	<1	13.1	12.0	13.0	77.0	73.0	75.0	33.0	30.0	31.0	163	161	150	0.12	75.0	71.0	72.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20/2001	<1	<1	<1	13.1	13.0	13.0	79.0	73.0	76.0	35.0	29.0	30.0	157	156	145	0.11	76.0	70.0	72.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21/2001	<1	<1	<1	13.1	13.0	13.0	81.0	73.0	77.0	39.0	30.0	31.0	156	157	146	0.11	77.0	70.0	73.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22/2001	<1	<1	<1	13.1	13.0	13.0	80.0	73.0	77.0	32.0	30.0	31.0	157	152	141	0.11	77.0	71.0	73.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23/2001	<1	<1	<1	13.1	13.0	13.0	78.0	73.0	76.0	33.0	29.0	30.0	151	149	138	0.11	76.0	72.0	73.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24/2001	<1	<1	<1	13.1	13.0	13.0	77.0	73.0	75.0	32.0	29.0	31.0	158	152	141	0.11	77.0	72.0	74.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/25/2001	<1	<1	<1	13.1	13.0	13.0	79.0	73.0	75.0	32.0	30.0	31.0	159	157	146	0.11	78.0	72.0	74.0	29.0	28.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/26/2001	<1	<1	<1	13.1	13.0	13.0	79.0	72.0	76.0	32.0	31.0	31.0	156	154	143	0.11	79.0	72.0	75.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/27/2001	<1	<1	<1	13.1	13.0	13.0	80.0	74.0	77.0	32.0	31.0	31.0	161	159	148	0.11	79.0	72.0	75.0	29.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28/2001	<1	<1	<1	13.1	13.0	13.0	82.0	75.0	80.0	42.0	25.0	31.0	162	161	150	0.11	79.0	73.0	75.0	32.0	28.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/1/2001	<1	<1	<1	13.3	12.7	13.0	82.3	75.0	78.0	40.5	28.0	32.0	1441	1396	1283	0.12	87.0	72.0	75.0	40.0	29.0	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/2/2001	<1	<1	<1	13.0	12.7	13.0	81.0	75.0	78.0	32.0	31.0	31.0	1401	1358	1245	0.12	79.0	73.0	76.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/3/2001	<1	<1	<1	13.0	12.7	13.0	80.0	75.0	78.0	33.0	30.0	31.0	1396	1353	1240	0.12	79.0	74.0	76.0	30.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/4/2001	<1	<1	<1	13.0	12.7	13.0	80.0	76.0	79.0	34.0	28.0	31.0	1396	1353	1240	0.12	76.0	72.0	74.0	30.0	27.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/5/2001	<1	<1	<1	13.0	12.7	13.0	80.0	76.0	79.0	34.0	30.0	31.0	1401	1358	1245	0.12	76.0	71.0	74.0	30.0	25.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/6/2001	<1	<1	<1	13.0	12.7	13.0	83.0	76.0	80.0	39.0	23.0	31.0	1393	1347	1234	0.12	75.0	69.0	72.0	37.0	23.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/7/2001	<1	<1	<1	13.0	12.7	13.0	83.0	76.0	79.0	38.0	28.0	32.0	1344	1298	1185	0.12	76.0	69.0	72.0	33.0	27.0	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/8/2001	<1	<1	<1	13.0	12.7	13.0	81.0	75.0	80.0	39.0	29.0	30.0	1370	1324	1211	0.12	75.0	70.0	73.0	35.0	28.0	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/9/2001	<1	<1	<1	13.0	12.7	13.0	85.0	77.0	81.0	42.0	28.0	33.0	1305	1259	1146	0.12	77.0	70.0	73.0	36.0	28.0	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10/2001	<1	<1	<1	13.0	12.7	13.0	81.0	71.0	78.0	40.0	19.0	31.0	1280	1234	1121	0.11	77.0	72.0	74.0	34.0	28.0	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11/2001	<1	<1	<1	13.0	12.7	13.0	75.0	66.0	71.0	32.0	30.0	31.0	1254	1208	1095	0.11	78.0	72.0	75.0	31.0	29.0	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12/2001	<1	<1	<1	13.0	12.7	13.0	78.0	72.0	75.0	32.0	29.0	31.0	1172	1126	1013	0.12	78.0	73.0	75.0	31.0	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13/2001	<1	<1	<1	13.0	12.7	13.0	75.0	73.0	73.0	31.0	27.0	30.0	1096	1050	937	0.11	79.0	72.0	76.0	30.0	27.0	29.0	0.00	0.00	0.00					

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPD)				IW-1 Total (GPD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPD)				IW-2 Total (GPD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Yr		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Yr	
3/22/2001	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	74.0	34.0	29.0	31.0	0	0	0	0.00	80.0	74.0	76.0	50.0	22.0	32.0	100.00	100.00	100.00	0.81		
3/23/2001	<1	<1	<1	13.0	13.0	13.0	79.0	72.0	75.0	32.0	31.0	31.0	0	0	0	0.00	81.0	73.0	77.0	51.0	28.0	32.0	100.00	100.00	100.00	0.79		
3/24/2001	<1	<1	<1	13.0	13.0	13.0	79.0	70.0	75.0	31.0	31.0	31.0	0	0	0	0.00	81.0	74.0	77.0	33.0	29.0	31.0	100.00	100.00	100.00	0.84		
3/25/2001	<1	<1	<1	13.0	13.0	13.0	79.0	72.0	76.0	31.0	31.0	31.0	0	0	0	0.00	82.0	75.0	78.0	32.0	28.0	31.0	100.00	100.00	100.00	0.84		
3/26/2001	<1	<1	<1	13.0	13.0	13.0	78.0	73.0	75.0	32.0	31.0	31.0	0	0	0	0.00	83.0	75.0	78.0	33.0	29.0	31.0	100.00	100.00	100.00	0.78		
3/27/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	38.0	35.0	32.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.84		
3/28/2001	<1	<1	<1	13.0	13.0	13.0	78.0	71.0	73.0	38.0	35.0	32.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.85		
3/29/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	71.0	35.0	30.0	31.0	0	0	0	0.00	78.0	72.0	74.0	45.0	28.0	31.0	100.00	100.00	100.00	0.84		
3/30/2001	<1	<1	<1	13.0	13.0	13.0	75.0	72.0	72.0	39.0	29.0	31.0	0	0	0	0.00	80.0	74.0	75.0	41.0	25.0	28.0	100.00	100.00	100.00	0.79		
3/31/2001	<1	<1	<1	13.0	13.0	13.0	79.0	74.0	72.0	31.0	31.0	29.0	0	0	0	0.00	79.0	73.0	75.0	45.0	28.0	29.0	100.00	100.00	100.00	0.81		
4/1/2001	<1	<1	<1	13.0	13.0	13.0	78.0	74.0	70.0	31.0	31.0	29.0	0	0	0	0.00	81.0	75.0	78.0	44.0	27.0	31.0	100.00	100.00	100.00	0.83		
4/2/2001	<1	<1	<1	13.0	13.0	13.0	79.0	74.0	73.0	31.0	31.0	29.0	0	0	0	0.00	83.0	78.0	79.0	34.0	30.0	31.0	100.00	100.00	100.00	0.85		
4/3/2001	<1	<1	<1	13.0	13.0	13.0	82.0	75.0	73.0	31.0	30.0	28.0	0	0	0	0.00	82.0	76.0	77.0	34.0	29.0	31.0	100.00	100.00	100.00	0.77		
4/4/2001	<1	<1	<1	13.0	13.0	13.0	82.0	75.0	72.0	31.0	30.0	29.0	0	0	0	0.00	82.0	75.0	77.0	46.0	28.0	31.0	100.00	100.00	100.00	0.81		
4/5/2001	<1	<1	<1	13.0	13.0	13.0	82.0	75.0	72.0	31.0	29.0	28.0	0	0	0	0.00	82.0	76.0	78.0	41.0	29.0	31.0	100.00	100.00	100.00	0.82		
4/6/2001	<1	<1	<1	13.0	13.0	13.0	80.0	74.0	72.0	31.0	29.0	27.0	0	0	0	0.00	83.0	76.0	77.0	44.0	26.0	31.0	100.00	100.00	100.00	0.82		
4/7/2001	<1	<1	<1	13.0	13.0	13.0	78.0	74.0	73.0	31.0	29.0	28.0	0	0	0	0.00	82.0	77.0	78.0	40.0	28.0	31.0	100.00	100.00	100.00	0.79		
4/8/2001	<1	<1	<1	13.0	13.0	13.0	79.0	74.0	73.0	30.0	29.0	29.0	0	0	0	0.00	80.0	77.0	77.0	40.0	27.0	31.0	100.00	100.00	100.00	0.82		
4/9/2001	<1	<1	<1	13.0	13.0	13.0	79.0	74.0	72.0	30.0	28.0	31.0	0	0	0	0.00	82.0	77.0	77.0	33.0	31.0	31.0	100.00	100.00	100.00	0.82		
4/10/2001	<1	<1	<1	13.0	13.0	13.0	79.0	74.0	72.0	30.0	28.0	31.0	0	0	0	0.00	80.0	77.0	77.0	40.0	27.0	31.0	100.00	100.00	100.00	0.82		
4/11/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/12/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/13/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/14/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/15/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/16/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/17/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/18/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/19/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/20/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/21/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/22/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/23/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/24/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	40.0	28.0	31.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/25/2001	<1	<1	<1	13.0	12.0	13.0	82.0	70.0	70.0	34.0	29.0	29.0	0	0	0	0.00	80.0	75.0	77.0	44.0	27.0	30.0	100.00	100.00	100.00	0.82		
4/26/2001	<1	<1	<1	13.0	12.0	13.0	76.0	70.0	73.0	29.0	29.0	29.0	0	0	0	0.00	87.0	75.0	79.0	45.0	28.0	31.0	100.00	100.00	100.00	0.82		
4/27/2001	<1	<1	<1	13.0	12.0	13.0	77.0	71.0	73.0	29.0	29.0	29.0	0	0	0	0.00	85.0	79.0	81.0	42.0	28.0	31.0	100.00	100.00	100.00	0.87		
4/28/2001	<1	<1	<1	13.0	12.0	13.0	74.0	70.0	72.0	29.0	28.0	29.0	0	0	0	0.00	85.0	79.0	80.0	42.0	28.0	31.0	100.00	100.00	100.00	0.82		
4/29/2001	<1	<1	<1	13.0	12.0	13.0	75.0	70.0	72.0	29.0	29.0	29.0	0	0	0	0.00	83.0	79.0	80.0	38.0	26.0	31.0	100.00	100.00	100.00	0.82		
4/30/2001	<1	<1	<1	13.0	12.0	13.0	74.0	72.0	72.0	29.0	29.0	29.0	0	0	0	0.00	81.0	77.0	79.0	32.0	27.0	31.0	100.00	100.00	100.00	0.82		
5/1/2001	>1	>1	>1	13.0	12.0	13.0	75.0	72.0	74.0	29.0	29.0	29.0	0	0	0	0.00	78.0	63.0	70.0	36.0	30.0	31.0	100.00	100.00	100.00	0.82		
5/2/2001	>1	>1	>1	13.0	12.0	13.0	76.0	72.0	74.0	29.0	29.0	29.0	0	0	0	0.00	66.0	63.0	64.0	33.0	29.0	31.0	100.00	100.00	100.00	0.82		
5/3/2001	>1	>1	>1	13.0	12.0	13.0	76.0	72.0	74.0	29.0	29.0	29.0	0	0	0	0.00	67.0	63.0	64.0	32.0	29.0	31.0	100.00	100.00	100.00	0.82		
5/4/2001	>1	>1	>1	13.0	12.0	13.0	76.0	72.0	74.0	29.0	29.0	29.0	0	0	0	0.00	88.0	63.0	73.0	32.0	29.0	31.0	100.00	100.00	100.00	0.82		
5/5/2001	>1	>1	>1	13.0	12.0	12.0	78.0	72.0	75.0	29.0	28.0	29.0	0	0	0	0.00	84.0	62.0	73.0	34.0	29.0	31.0	100.00	100.00	100.00	0.76		
5/6/2001	>1	>1	>1	13.0	12.0	12.0	78.0	72.0	75.0	29.0	28.0	29.0	0	0	0	0.00	79.0	63.0	71.0	34.0	29.0	31.0	100.00	100.00	100.00	0.82		
5/7/2001	>1	>1	>1	13.0	12.0	12.0	78.0	72.0	75.0	29.0	28.0	29.0	0	0	0	0.00	77.0	68.0	73.0	32.0	27.0	31.0	100.00	100.00	100.00	1.02		
5/8/2001	>1	>1	>1	13.0	12.0	12.0	79.0	73.0	76.0	30.0	29.0	29.0	0	0	0	0.00	74.0	62.0	71.0	41.0	30.0	32.0	100.00	100.00	100.00	0.81		
5/9/2001	>1	>1	>1	13.0	12.0</																							

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Meter (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Meter (MGD)			
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg
5/12/2001	>1	>1	>1	13.0	12.0	12.0	77.0	74.0	75.0	30.0	29.0	29.0	0	0	0	0.00	76.0	53.0	67.0	33.0	29.0	32.0	0	0	0	0.00			
5/13/2001	>1	>1	>1	13.0	12.0	12.0	78.0	74.0	75.0	30.0	29.0	29.0	0	0	0	0.00	57.0	53.0	55.0	40.0	27.0	31.0	0	0	0	0.00			
5/14/2001	>1	>1	>1	13.0	12.0	12.0	79.0	73.0	76.0	30.0	29.0	29.0	0	0	0	0.00	58.0	53.0	55.0	32.0	31.0	31.0	0	0	0	0.00			
5/15/2001	>1	>1	>1	13.0	12.0	13.0	79.0	73.0	76.0	31.0	29.0	29.0	0	0	0	0.00	58.0	53.0	55.0	36.0	26.0	32.0	0	0	0	0.00			
5/16/2001	>1	>1	>1	13.0	12.0	13.0	77.0	72.0	75.0	31.0	29.0	29.0	0	0	0	0.00	58.0	54.0	56.0	38.0	28.0	31.0	0	0	0	0.00			
5/17/2001	>1	>1	>1	13.0	12.0	13.0	77.0	72.0	75.0	30.0	29.0	29.0	0	0	0	0.00	60.0	54.0	57.0	36.0	28.0	31.0	0	0	0	0.00			
5/18/2001	>1	>1	>1	13.0	12.0	13.0	77.0	72.0	75.0	30.0	28.0	29.0	0	0	0	0.00	64.0	54.0	57.0	40.0	26.0	30.0	0	0	0	0.00			
5/19/2001	>1	>1	>1	13.0	12.0	13.0	79.0	73.0	75.0	29.0	29.0	29.0	0	0	0	0.00	60.0	54.0	57.0	41.0	19.0	32.0	0	0	0	0.00			
5/20/2001	>1	>1	>1	13.0	12.0	13.0	78.0	73.0	75.0	29.0	29.0	29.0	0	0	0	0.00	60.0	55.0	57.0	40.0	30.0	31.0	0	0	0	0.00			
5/21/2001	>1	>1	>1	13.0	12.0	13.0	79.0	73.0	75.0	30.0	28.0	29.0	0	0	0	0.00	60.0	55.0	58.0	33.0	30.0	33.0	0	0	0	0.00			
5/22/2001	>1	>1	>1	13.0	12.0	13.0	78.0	73.0	76.0	29.0	29.0	29.0	0	0	0	0.00	61.0	56.0	58.0	35.0	25.0	31.0	0	0	0	0.00			
5/23/2001	>1	>1	>1	13.0	12.0	13.0	78.0	73.0	75.0	29.0	29.0	29.0	0	0	0	0.00	60.0	57.0	58.0	35.0	27.0	31.0	0	0	0	0.00			
5/24/2001	>1	>1	>1	13.0	12.0	13.0	77.0	74.0	76.0	29.0	29.0	29.0	0	0	0	0.00	60.0	57.0	57.0	36.0	28.0	32.0	0	0	0	0.00			
5/25/2001	>1	>1	>1	13.0	12.0	13.0	78.0	74.0	77.0	30.0	29.0	29.0	0	0	0	0.00	63.0	57.0	59.0	38.0	27.0	32.0	0	0	0	0.00			
5/26/2001	>1	>1	>1	13.0	12.0	13.0	78.0	75.0	77.0	30.0	29.0	29.0	0	0	0	0.00	60.0	56.0	58.0	39.0	26.0	32.0	0	0	0	0.00			
5/27/2001	>1	>1	>1	13.0	12.0	13.0	78.0	75.0	78.0	30.0	29.0	29.0	0	0	0	0.00	61.0	57.0	59.0	41.0	27.0	30.0	0	0	0	0.00			
5/28/2001	>1	>1	>1	13.0	12.0	13.0	75.0	75.0	78.0	30.0	29.0	29.0	0	0	0	0.00	62.0	57.0	59.0	31.0	30.0	31.0	0	0	0	0.00			
5/29/2001	>1	>1	>1	13.0	12.0	13.0	76.0	76.0	78.0	30.0	29.0	29.0	0	0	0	0.00	61.0	57.0	59.0	32.0	30.0	31.0	0	0	0	0.00			
5/30/2001	>1	>1	>1	13.0	12.0	13.0	75.0	66.0	73.0	30.0	29.0	29.0	0	0	0	0.00	62.0	57.0	60.0	31.0	30.0	31.0	0	0	0	0.00			
5/31/2001	>1	>1	>1	13.0	12.0	13.0	68.0	68.0	67.0	30.0	29.0	29.0	0	0	0	0.00	63.0	58.0	60.0	39.0	30.0	33.0	0	0	0	0.00			
6/1/2001	<1	<1	<1	13.0	13.0	13.0	75.0	53.0	65.0	30.0	29.0	29.0	0	0	0	0.00	64.0	59.0	60.0	36.0	31.0	31.0	0	0	0	0.00			
6/2/2001	<1	<1	<1	13.0	13.0	13.0	77.0	71.0	74.0	30.0	29.0	29.0	0	0	0	0.00	64.0	59.0	60.0	38.0	31.0	31.0	0	0	0	0.00			
6/3/2001	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	74.0	30.0	29.0	29.0	0	0	0	0.00	63.0	59.0	60.0	33.0	31.0	31.0	0	0	0	0.00			
6/4/2001	<1	<1	<1	13.0	13.0	13.0	77.0	71.0	74.0	30.0	29.0	29.0	0	0	0	0.00	64.0	59.0	60.0	33.0	31.0	31.0	0	0	0	0.00			
6/5/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	73.0	30.0	29.0	29.0	0	0	0	0.00	64.0	59.0	61.0	40.0	33.0	33.0	0	0	0	0.00			
6/6/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	73.0	30.0	29.0	29.0	0	0	0	0.00	64.0	60.0	61.0	40.0	30.0	32.0	0	0	0	0.00			
6/7/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	73.0	30.0	29.0	29.0	0	0	0	0.00	64.0	60.0	62.0	40.0	33.0	33.0	0	0	0	0.00			
6/8/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	73.0	30.0	29.0	29.0	0	0	0	0.00	64.0	60.0	62.0	40.0	33.0	33.0	0	0	0	0.00			
6/9/2001	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	30.0	29.0	29.0	0	0	0	0.00	65.0	60.0	62.0	33.0	31.0	31.0	0	0	0	0.00			
6/10/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	73.0	30.0	29.0	29.0	0	0	0	0.00	67.0	60.0	63.0	33.0	31.0	31.0	0	0	0	0.00			
6/11/2001	<1	<1	<1	13.0	13.0	13.0	77.0	70.0	74.0	30.0	29.0	29.0	0	0	0	0.00	67.0	60.0	63.0	32.0	31.0	31.0	0	0	0	0.00			
6/12/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	74.0	30.0	29.0	29.0	0	0	0	0.00	67.0	62.0	63.0	40.0	31.0	31.0	0	0	0	0.00			
6/13/2001	<1	<1	<1	13.0	13.0	13.0	77.0	71.0	74.0	30.0	29.0	29.0	0	0	0	0.00	67.0	62.0	64.0	34.0	32.0	32.0	0	0	0	0.00			
6/14/2001	<1	<1	<1	13.0	12.0	13.0	77.0	71.0	74.0	30.0	29.0	29.0	0	0	0	0.00	68.0	62.0	64.0	32.0	31.0	31.0	0	0	0	0.00			
6/15/2001	<1	<1	<1	13.0	12.0	13.0	78.0	72.0	74.0	30.0	29.0	29.0	0	0	0	0.00	68.0	62.0	65.0	41.0	33.0	33.0	0	0	0	0.00			
6/16/2001	<1	<1	<1	13.0	12.0	13.0	78.0	72.0	74.0	29.0	29.0	29.0	0	0	0	0.00	68.0	63.0	65.0	32.0	31.0	31.0	0	0	0	0.00			
6/17/2001	<1	<1	<1	13.0	12.0	13.0	79.0	72.0	76.0	29.0	29.0	32.0	0	0	0	0.00	67.0	63.0	63.0	36.0	32.0	32.0	0	0	0	0.00			
6/18/2001	<1	<1	<1	13.0	12.0	13.0	78.0	72.0	75.0	34.0	31.0	32.0	0	0	0	0.00	66.0	61.0	63.0	32.0	32.0	32.0	0	0	0	0.00			
6/19/2001	<1	<1	<1	13.0	12.0	13.0	78.0	72.0	75.0	33.0	31.0	32.0	0	0	0	0.00	65.0	61.0	63.0	32.0	31.0	31.0	0	0	0	0.00			
6/20/2001	<1	<1	<1	13.0	12.0	13.0	77.0	72.0	75.0	33.0	29.0	32.0	0	0	0	0.00	66.0	61.0	64.0	33.0	29.0	31.0	0	0	0	0.00			
6/21/2001	<1	<1	<1	13.0	12.0	13.0	77.0	72.0	74.0	36.0	29.0	31.0	0	0	0	0.00	67.0	61.0	64.0	33.0	29.0	29.0	0	0	0	0.00			
6/22/2001	<1	<1	<1	13.0	13.0	13.0	77.0	72.0	74.0	36.0	30.0	31.0	0	0	0	0.00	67.0	63.0	64.0	29.0	29.0	29.0	0	0	0	0.00			
6/23/2001	<1	<1	<1	13.0	13.0	13.0	78.0	71.0	74.0	33.0	30.0	31.0	0	0	0	0.00	67.0	63.0	64.0	29.0	29.0	29.0	0	0	0	0.00			
6/24/2001	<1	<1	<1	13.0	13.0	13.0	77.0	72.0	74.0	33.0	27.0	31.0	0	0	0	0.00	67.0	62.0	63.0	29.0	29.0	29.0	0	0	0	0.00			
6/25/2001	<1	<1	<1	13.0	13.0	13.0	77.0	71.0	74.0	33.0	26.0	31.0	0	0	0	0.00	68.0	62.0	64.0	29.0	29.0	29.0	0	0	0	0.00			
6/26/2001	<1	<1	<1	13.0	13.0	13.0	77.0	71.0	74.0	33.0	31.0	31.0	0	0	0	0.00	68.0	62.0	64.0	29.0	29.0	29.0	0	0	0	0.00			
6/27/2001	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	34.0	30.0	31.0	0	0	0	0.00	67.0	62.0	64.0	29.0	29.0	29.0	0	0	0	0.00			
6/28/2001	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	43.0	29.0	31.0	0	0	0	0.00	68.0	63.0	65.0	29.0	29.0	29.0	0	0	0	0.00			
6/29/2001	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	72.0	45.0	30.0	33.0	0	0	0	0.00	68.0	63.0	65.0	30.0	29.0	29.0	0	0	0	0.00			
6/30/2001	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	72.0	37.0	27.0	31.0	0	0	0	0.00	68.0	63.0	65.0	30.0	29.0	29.0	0	0	0	0.00			
6/31/2001	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	33.0	31.0	31.0	0	0															

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Yr		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Yr	
	<1	<1	<1	14.0	13.0	13.0	75.0	71.0	73.0	33.0	31.0	31.0	530	440	513	0.00		69.0	64.0	66.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00	
7/2/2001	<1	<1	<1	14.0	13.0	13.0	75.0	71.0	73.0	33.0	31.0	31.0	530	440	513	0.00	69.0	64.0	66.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/3/2001	<1	<1	<1	14.0	13.0	13.0	77.0	72.0	74.0	33.0	31.0	31.0	550	411	476	0.00	69.0	64.0	67.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/4/2001	<1	<1	<1	14.0	13.0	13.0	77.0	72.0	75.0	33.0	31.0	31.0	550	450	500	0.00	70.0	65.0	67.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/5/2001	<1	<1	<1	14.0	13.0	13.0	77.0	73.0	76.0	33.0	30.0	31.0	560	380	470	0.00	70.0	65.0	67.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/6/2001	<1	<1	<1	14.0	13.0	13.0	81.0	75.0	77.0	33.0	31.0	31.0	580	417	522	0.00	71.0	65.0	68.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/7/2001	<1	<1	<1	14.0	13.0	13.0	81.0	75.0	77.0	44.0	31.0	32.0	2027	400	726	1.00	71.0	66.0	68.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/8/2001	<1	<1	<1	14.0	13.0	13.0	81.0	72.0	76.0	33.0	31.0	31.0	570	370	470	0.00	71.0	66.0	68.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/9/2001	<1	<1	<1	14.0	13.0	13.0	74.0	70.0	73.0	35.0	31.0	31.0	541	430	506	0.00	72.0	66.0	68.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/10/2001	<1	<1	<1	14.0	13.0	13.0	74.0	70.0	73.0	34.0	26.0	31.0	530	380	450	0.00	70.0	66.0	67.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/11/2001	<1	<1	<1	14.0	13.0	13.0	76.0	70.0	73.0	34.0	31.0	31.0	560	0	560	0.00	71.0	66.0	67.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/12/2001	<1	<1	<1	14.0	13.0	13.0	75.0	70.0	72.0	43.0	29.0	32.0	2045	330	726	0.00	71.0	66.0	68.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/13/2001	<1	<1	<1	14.0	13.0	13.0	75.0	69.0	72.0	37.0	24.0	32.0	1345	0	407	0.00	72.0	66.0	69.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/14/2001	<1	<1	<1	14.0	13.0	13.0	74.0	69.0	72.0	33.0	31.0	32.0	1460	0	407	0.00	72.0	66.0	69.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/15/2001	<1	<1	<1	14.0	13.0	13.0	74.0	70.0	72.0	33.0	31.0	32.0	1460	0	407	0.00	72.0	67.0	69.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/16/2001	<1	<1	<1	14.0	13.0	13.0	74.0	71.0	72.0	33.0	31.0	32.0	1460	0	407	0.00	71.0	67.0	69.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/17/2001	<1	<1	<1	14.0	13.0	13.0	74.0	69.0	72.0	33.0	29.0	32.0	1460	0	407	0.00	71.0	67.0	69.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/18/2001	<1	<1	<1	14.0	13.0	13.0	75.0	70.0	73.0	34.0	31.0	32.0	1460	0	407	0.00	73.0	67.0	70.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/19/2001	<1	<1	<1	14.0	13.0	13.0	76.0	70.0	73.0	34.0	31.0	32.0	1460	0	407	0.00	74.0	68.0	70.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/20/2001	<1	<1	<1	14.0	13.0	13.0	76.0	70.0	73.0	33.0	31.0	32.0	1460	0	407	0.00	74.0	68.0	70.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/21/2001	<1	<1	<1	14.0	13.0	13.0	76.0	70.0	73.0	34.0	31.0	32.0	1460	0	407	0.00	74.0	68.0	70.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/22/2001	<1	<1	<1	14.0	13.0	13.0	76.0	71.0	74.0	37.0	30.0	32.0	1460	0	407	0.00	74.0	69.0	71.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/23/2001	<1	<1	<1	14.0	13.0	13.0	75.0	72.0	74.0	33.0	30.0	32.0	1460	0	407	0.00	74.0	69.0	70.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/24/2001	<1	<1	<1	14.0	13.0	13.0	75.0	72.0	74.0	33.0	27.0	32.0	1460	0	407	0.00	71.0	69.0	69.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/25/2001	<1	<1	<1	14.0	13.0	13.0	77.0	71.0	74.0	34.0	32.0	33.0	1460	0	407	0.00	74.0	68.0	71.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/26/2001	<1	<1	<1	14.0	13.0	13.0	76.0	69.0	74.0	34.0	31.0	32.0	1460	0	407	0.00	74.0	70.0	72.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/27/2001	<1	<1	<1	14.0	13.0	13.0	75.0	71.0	74.0	35.0	28.0	31.0	1460	0	407	0.00	74.0	70.0	72.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/28/2001	<1	<1	<1	14.0	13.0	13.0	76.0	71.0	74.0	33.0	31.0	32.0	1460	0	407	0.00	75.0	70.0	72.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/29/2001	<1	<1	<1	14.0	13.0	13.0	76.0	71.0	74.0	33.0	31.0	32.0	1460	0	407	0.00	75.0	70.0	72.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
7/30/2001	<1	<1	<1	14.0	13.0	13.0	76.0	71.0	73.0	45.0	27.0	32.0	1460	0	407	0.00	76.0	70.0	73.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/1/2001	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	73.0	38.0	31.0	32.0	1165	0	407	0.00	77.0	71.0	74.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/2/2001	<1	<1	<1	14.0	13.0	13.0	74.0	71.0	73.0	34.0	28.0	32.0	1047	0	407	0.00	74.0	71.0	72.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/3/2001	<1	<1	<1	14.0	13.0	13.0	73.0	70.0	71.0	33.0	30.0	31.0	990	0	407	0.00	73.0	71.0	72.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/4/2001	<1	<1	<1	14.0	13.0	13.0	73.0	70.0	71.0	34.0	30.0	31.0	990	0	407	0.00	73.0	71.0	71.0	30.0	29.0	30.0	0.00	0.00	0.00	0.00		
8/5/2001	<1	<1	<1	14.0	13.0	13.0	74.0	69.0	71.0	34.0	30.0	31.0	990	0	407	0.00	75.0	71.0	72.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/6/2001	<1	<1	<1	14.0	13.0	13.0	75.0	70.0	73.0	33.0	31.0	31.0	990	0	407	0.00	77.0	71.0	72.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/7/2001	<1	<1	<1	14.0	13.0	13.0	75.0	71.0	73.0	33.0	30.0	31.0	990	0	407	0.00	77.0	71.0	72.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/8/2001	<1	<1	<1	14.0	13.0	13.0	74.0	71.0	73.0	33.0	27.0	31.0	990	0	407	0.00	76.0	71.0	74.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/9/2001	<1	<1	<1	14.0	13.0	13.0	76.0	71.0	73.0	33.0	27.0	31.0	990	0	407	0.00	77.0	72.0	74.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/10/2001	<1	<1	<1	14.0	13.0	13.0	78.0	73.0	75.0	33.0	31.0	31.0	990	0	407	0.00	78.0	72.0	75.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/11/2001	<1	<1	<1	14.0	13.0	13.0	79.0	73.0	76.0	33.0	31.0	31.0	990	0	407	0.00	78.0	73.0	75.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/12/2001	<1	<1	<1	14.0	13.0	13.0	79.0	74.0	76.0	33.0	31.0	31.0	990	0	407	0.00	78.0	73.0	76.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/13/2001	<1	<1	<1	14.0	13.0	13.0	79.0	74.0	76.0	43.0	30.0	32.0	1870	0	407	0.00	79.0	74.0	76.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/14/2001	<1	<1	<1	14.0	13.0	13.0	80.0	73.0	76.0	33.0	29.0	31.0	990	0	407	0.00	80.0	74.0	76.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/15/2001	<1	<1	<1	14.0	13.0	13.0	73.0	73.0	68.0	34.0	29.0	31.0	990	0	407	0.00	80.0	74.0	76.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/16/2001	<1	<1	<1	14.0	13.0	13.0	76.0	57.0	65.0	33.0	31.0	31.0	990	0	407	0.00	80.0	74.0	76.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/17/2001	<1	<1	<1	14.0	13.0	13.0	78.0	70.0	73.0	36.0	29.0	31.0	1331	0	407	0.00	80.0	75.0	77.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/18/2001	<1	<1	<1	14.0	13.0	13.0	76.0	70.0	72.0	33.0	31.0	31.0	990	0	407	0.00	80.0	75.0	77.0	30.0	30.0	30.0	0.00	0.00	0.00	0.00		
8/19/2001	<1	<1	<1	14.0	13.0	13.0	76.0	69.0	72.0	34.0	31.0	32.0	1011															

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
8/22/2001	<1	<1	<1	14.0	13.0	13.0	74.0	69.0	71.0	34.0	31.0	32.0	1.00	0.00	0.00	0.00	81.0	76.0	77.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
8/23/2001	<1	<1	<1	14.0	13.0	13.0	75.0	70.0	72.0	41.0	27.0	32.0	1.00	0.00	0.00	0.00	81.0	75.0	77.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
8/24/2001	<1	<1	<1	14.0	13.0	13.0	75.0	69.0	72.0	34.0	30.0	32.0	1.00	0.00	0.00	0.00	81.0	75.0	78.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
8/25/2001	<1	<1	<1	14.0	13.0	13.0	75.0	69.0	72.0	34.0	32.0	32.0	1.00	0.00	0.00	0.00	82.0	76.0	79.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
8/26/2001	<1	<1	<1	14.0	13.0	13.0	75.0	69.0	72.0	34.0	32.0	32.0	1.00	0.00	0.00	0.00	83.0	76.0	79.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
8/27/2001	<1	<1	<1	14.0	13.0	13.0	75.0	69.0	72.0	35.0	30.0	32.0	1.00	0.00	0.00	0.00	83.0	77.0	79.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
8/28/2001	<1	<1	<1	14.0	13.0	13.0	75.0	69.0	72.0	38.0	29.0	32.0	1.00	0.00	0.00	0.00	83.0	77.0	79.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
8/29/2001	<1	<1	<1	14.0	13.0	13.0	76.0	70.0	72.0	34.0	31.0	32.0	1.00	0.00	0.00	0.00	83.0	77.0	79.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
8/30/2001	<1	<1	<1	14.0	13.0	13.0	75.0	70.0	72.0	43.0	26.0	32.0	1.00	0.00	0.00	0.00	83.0	77.0	79.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
8/31/2001	<1	<1	<1	14.0	13.0	13.0	78.0	65.0	74.0	33.0	30.0	32.0	1.00	0.00	0.00	0.00	83.0	78.0	80.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/1/2001	<1	<1	<1	14.0	13.0	13.0	77.0	70.0	73.0	33.0	30.0	32.0	1.00	0.00	0.00	0.00	84.0	78.0	80.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/2/2001	<1	<1	<1	14.0	13.0	13.0	77.0	71.0	74.0	33.0	32.0	32.0	1.00	0.00	0.00	0.00	84.0	78.0	80.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/3/2001	<1	<1	<1	14.0	13.0	13.0	77.0	71.0	74.0	35.0	27.0	33.0	1.00	0.00	0.00	0.00	84.0	78.0	81.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/4/2001	<1	<1	<1	14.0	13.0	13.0	76.0	71.0	74.0	33.0	28.0	32.0	1.00	0.00	0.00	0.00	83.0	79.0	80.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/5/2001	<1	<1	<1	14.0	13.0	13.0	77.0	71.0	74.0	33.0	30.0	32.0	1.00	0.00	0.00	0.00	84.0	79.0	81.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/6/2001	<1	<1	<1	14.0	13.0	13.0	77.0	71.0	74.0	34.0	31.0	32.0	1.00	0.00	0.00	0.00	84.0	79.0	80.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/7/2001	<1	<1	<1	14.0	13.0	13.0	77.0	71.0	73.0	36.0	30.0	32.0	1.00	0.00	0.00	0.00	85.0	79.0	80.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/8/2001	<1	<1	<1	14.0	13.0	13.0	75.0	71.0	73.0	33.0	30.0	31.0	1.00	0.00	0.00	0.00	83.0	79.0	80.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/9/2001	<1	<1	<1	14.0	13.0	13.0	77.0	71.0	73.0	33.0	30.0	31.0	1.00	0.00	0.00	0.00	83.0	78.0	80.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/10/2001	<1	<1	<1	14.0	13.0	13.0	74.0	71.0	72.0	35.0	31.0	32.0	1.00	0.00	0.00	0.00	81.0	78.0	79.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/11/2001	<1	<1	<1	14.0	13.0	13.0	74.0	70.0	72.0	33.0	31.0	31.0	1.00	0.00	0.00	0.00	83.0	78.0	79.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/12/2001	<1	<1	<1	14.0	13.0	13.0	74.0	69.0	71.0	36.0	27.0	32.0	1.00	0.00	0.00	0.00	83.0	78.0	80.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00
9/13/2001	<1	<1	<1	14.0	13.0	12.0	73.0	69.0	71.0	50.0	24.0	33.0	1.00	0.00	0.00	0.00	83.0	78.0	80.0	31.0	29.0	30.0	1.00	0.00	0.00	0.00
9/14/2001	<1	<1	<1	14.0	13.0	13.0	73.0	69.0	71.0	41.0	25.0	32.0	1.00	0.00	0.00	0.00	81.0	78.0	80.0	39.0	30.0	31.0	1.00	0.00	0.00	0.00
9/15/2001	<1	<1	<1	14.0	12.0	13.0	72.0	69.0	71.0	34.0	30.0	32.0	1.00	0.00	0.00	0.00	81.0	78.0	79.0	31.0	30.0	31.0	1.00	0.00	0.00	0.00
9/16/2001	<1	<1	<1	14.0	13.0	13.0	72.0	69.0	71.0	33.0	30.0	32.0	1.00	0.00	0.00	0.00	83.0	78.0	80.0	31.0	30.0	31.0	1.00	0.00	0.00	0.00
9/17/2001	<1	<1	<1	14.0	13.0	13.0	74.0	69.0	72.0	37.0	30.0	32.0	1.00	0.00	0.00	0.00	86.0	78.0	82.0	36.0	29.0	32.0	1.00	0.00	0.00	0.11
9/18/2001	<1	<1	<1	14.0	13.0	13.0	76.0	71.0	74.0	32.0	31.0	32.0	1.00	0.00	0.00	0.00	86.0	80.0	83.0	35.0	29.0	32.0	1.00	0.00	0.00	0.77
9/19/2001	<1	<1	<1	13.0	13.0	13.0	76.0	72.0	74.0	31.0	31.0	31.0	1.00	0.00	0.00	0.00	86.0	80.0	83.0	34.0	29.0	32.0	1.00	0.00	0.00	1.15
9/20/2001	<1	<1	<1	13.0	13.0	13.0	76.0	72.0	74.0	31.0	30.0	30.0	1.00	0.00	0.00	0.00	87.0	81.0	83.0	41.0	28.0	33.0	1.00	0.00	0.00	1.00
9/21/2001	<1	<1	<1	13.0	13.0	13.0	79.0	74.0	76.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00	88.0	81.0	84.0	34.0	31.0	32.0	1.00	0.00	0.00	0.50
9/22/2001	<1	<1	<1	13.0	13.0	13.0	79.0	74.0	77.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00	88.0	82.0	84.0	41.0	29.0	32.0	1.00	0.00	0.00	0.10
9/23/2001	<1	<1	<1	13.0	13.0	13.0	80.0	74.0	77.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00	88.0	82.0	84.0	35.0	32.0	32.0	1.00	0.00	0.00	1.22
9/24/2001	<1	<1	<1	13.0	13.0	13.0	75.0	63.0	71.0	40.0	30.0	31.0	1.00	0.00	0.00	0.00	89.0	82.0	85.0	39.0	29.0	33.0	1.00	0.00	0.00	1.10
9/25/2001	<1	<1	<1	13.0	13.0	13.0	78.0	59.0	68.0	37.0	31.0	31.0	1.00	0.00	0.00	0.00	88.0	83.0	85.0	34.0	32.0	33.0	1.00	0.00	0.00	0.87
9/26/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	73.0	31.0	31.0	31.0	1.00	0.00	0.00	0.00	89.0	83.0	85.0	50.0	27.0	32.0	1.00	0.00	0.00	0.80
9/27/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	73.0	31.0	30.0	31.0	1.00	0.00	0.00	0.00	88.0	83.0	84.0	40.0	28.0	32.0	1.00	0.00	0.00	1.15
9/28/2001	<1	<1	<1	13.0	13.0	13.0	74.0	72.0	73.0	31.0	30.0	30.0	1.00	0.00	0.00	0.00	87.0	83.0	83.0	45.0	29.0	33.0	1.00	0.00	0.00	0.86
9/29/2001	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	31.0	30.0	30.0	1.00	0.00	0.00	0.00	86.0	82.0	83.0	34.0	31.0	32.0	1.00	0.00	0.00	0.80
9/30/2001	<1	<1	<1	15.0	13.0	13.0	75.0	71.0	73.0	31.0	30.0	30.0	1.00	0.00	0.00	0.00	85.0	81.0	83.0	42.0	31.0	32.0	1.00	0.00	0.00	1.11
10/1/2001	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	31.0	30.0	30.0	1.00	0.00	0.00	0.00	87.0	82.0	84.0	34.0	32.0	33.0	1.00	0.00	0.00	1.11
10/2/2001	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	73.0	31.0	30.0	30.0	1.00	0.00	0.00	0.00	88.0	82.0	85.0	34.0	31.0	33.0	1.00	0.00	0.00	0.70
10/3/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	73.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00	88.0	82.0	85.0	33.0	30.0	32.0	1.00	0.00	0.00	0.90
10/4/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	73.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00	88.0	82.0	85.0	33.0	31.0	32.0	1.00	0.00	0.00	0.91
10/5/2001	<1	<1	<1	13.0	13.0	13.0	75.0	70.0	73.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00	88.0	83.0	85.0	34.0	31.0	32.0	1.00	0.00	0.00	0.78
10/6/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	72.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00	89.0	83.0	85.0	34.0	31.0	32.0	1.00	0.00	0.00	1.04
10/7/2001	<1	<1	<1	13.0	13.0	13.0	77.0	70.0	73.0	30.0	30.0	30.0	1.00	0.00	0.00	0.00	90.0	84.0	87.0	34.0	31.0	32.0	1.00	0.00	0.00	0.97
10/8/2001	<1	<1	<1	13.0	13.0	13.0	76.0	70.0	73.0	30.0	30.0	30.0	1.00	0.00	0.00											

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (MG)				
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total					
	<1	<1	<1	13.0	13.0	13.0	75.0	69.0	73.0	30.0	30.0	30.0	0	0	0	0.000		90.0	84.0	86.0	34.0	31.0	32.0	90.0	84.0	86.0	34.0		31.0	32.0	0	0
10/12/2001	<1	<1	<1	13.0	13.0	13.0	75.0	69.0	73.0	30.0	30.0	30.0	0	0	0	0.000	90.0	84.0	86.0	34.0	31.0	32.0	90.0	84.0	86.0	34.0	31.0	32.0	0	0	0	0.000
10/13/2001	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	73.0	30.0	30.0	30.0	0	0	0	0.000	90.0	84.0	86.0	34.0	32.0	32.0	90.0	84.0	86.0	34.0	32.0	32.0	0	0	0	0.000
10/14/2001	<1	<1	<1	13.0	13.0	13.0	76.0	71.0	73.0	30.0	30.0	30.0	0	0	0	0.000	90.0	84.0	86.0	34.0	31.0	32.0	90.0	84.0	86.0	34.0	31.0	32.0	0	0	0	0.000
10/15/2001	<1	<1	<1	13.0	13.0	13.0	75.0	71.0	72.0	30.0	30.0	30.0	0	0	0	0.000	90.0	85.0	86.0	35.0	32.0	33.0	90.0	85.0	86.0	35.0	32.0	33.0	0	0	0	0.000
10/16/2001	<1	<1	<1	13.0	13.0	13.0	74.0	70.0	72.0	30.0	30.0	30.0	0	0	0	0.000	91.0	85.0	87.0	35.0	31.0	32.0	91.0	85.0	87.0	35.0	31.0	32.0	0	0	0	0.000
10/17/2001	<1	<1	<1	13.0	13.0	12.0	73.0	69.0	71.0	30.0	30.0	30.0	0	0	0	0.000	89.0	85.0	87.0	34.0	31.0	32.0	89.0	85.0	87.0	34.0	31.0	32.0	0	0	0	0.000
10/18/2001	<1	<1	<1	13.0	13.0	13.0	73.0	69.0	71.0	30.0	30.0	30.0	0	0	0	0.000	88.0	85.0	86.0	33.0	31.0	32.0	88.0	85.0	86.0	33.0	31.0	32.0	0	0	0	0.000
10/19/2001	<1	<1	<1	13.0	13.0	13.0	72.0	69.0	70.0	30.0	30.0	30.0	0	0	0	0.000	90.0	85.0	86.0	34.0	30.0	32.0	90.0	85.0	86.0	34.0	30.0	32.0	0	0	0	0.000
10/20/2001	<1	<1	<1	13.0	13.0	13.0	72.0	69.0	70.0	30.0	30.0	30.0	0	0	0	0.000	88.0	85.0	86.0	33.0	31.0	32.0	88.0	85.0	86.0	33.0	31.0	32.0	0	0	0	0.000
10/21/2001	<1	<1	<1	13.0	13.0	13.0	72.0	69.0	70.0	30.0	30.0	30.0	0	0	0	0.000	88.0	85.0	86.0	33.0	31.0	32.0	88.0	85.0	86.0	33.0	31.0	32.0	0	0	0	0.000
10/22/2001	<1	<1	<1	13.0	13.0	13.0	72.0	69.0	70.0	30.0	30.0	30.0	0	0	0	0.000	88.0	85.0	86.0	33.0	31.0	32.0	88.0	85.0	86.0	33.0	31.0	32.0	0	0	0	0.000
10/23/2001	<1	<1	<1	13.0	13.0	13.0	73.0	69.0	70.0	30.0	30.0	30.0	0	0	0	0.000	90.0	85.0	86.0	34.0	31.0	32.0	90.0	85.0	86.0	34.0	31.0	32.0	0	0	0	0.000
10/24/2001	<1	<1	<1	13.0	13.0	13.0	73.0	69.0	71.0	30.0	30.0	30.0	0	0	0	0.000	91.0	85.0	87.0	34.0	30.0	32.0	91.0	85.0	87.0	34.0	30.0	32.0	0	0	0	0.000
10/25/2001	<1	<1	<1	14.0	13.0	13.0	76.0	71.0	74.0	30.0	30.0	30.0	0	0	0	0.000	92.0	86.0	88.0	36.0	31.0	32.0	92.0	86.0	88.0	36.0	31.0	32.0	0	0	0	0.000
10/26/2001	<1	<1	<1	14.0	13.0	13.0	76.0	72.0	74.0	30.0	30.0	30.0	0	0	0	0.000	90.0	84.0	87.0	40.0	30.0	32.0	90.0	84.0	87.0	40.0	30.0	32.0	0	0	0	0.000
10/27/2001	<1	<1	<1	14.0	13.0	13.0	76.0	73.0	74.0	30.0	30.0	30.0	0	0	0	0.000	88.0	84.0	86.0	35.0	31.0	32.0	88.0	84.0	86.0	35.0	31.0	32.0	0	0	0	0.000
10/28/2001	<1	<1	<1	14.0	13.0	13.0	79.0	74.0	76.0	30.0	30.0	30.0	0	0	0	0.000	88.0	82.0	85.0	35.0	31.0	32.0	88.0	82.0	85.0	35.0	31.0	32.0	0	0	0	0.000
10/29/2001	<1	<1	<1	14.0	13.0	13.0	76.0	74.0	74.0	30.0	30.0	30.0	0	0	0	0.000	88.0	84.0	85.0	33.0	31.0	32.0	88.0	84.0	85.0	33.0	31.0	32.0	0	0	0	0.000
10/30/2001	<1	<1	<1	14.0	13.0	13.0	75.0	73.0	74.0	30.0	29.0	30.0	0	0	0	0.000	89.0	85.0	86.0	48.0	27.0	33.0	89.0	85.0	86.0	48.0	27.0	33.0	0	0	0	0.000
10/31/2001	<1	<1	<1	14.0	13.0	13.0	75.0	67.0	73.0	30.0	29.0	30.0	0	0	0	0.000	89.0	85.0	86.0	33.0	29.0	32.0	89.0	85.0	86.0	33.0	29.0	32.0	0	0	0	0.000
11/1/2001	<1	<1	<1	14.0	13.0	13.0	67.0	57.0	63.0	30.0	29.0	30.0	0	0	0	0.000	89.0	86.0	87.0	33.0	30.0	32.0	89.0	86.0	87.0	33.0	30.0	32.0	0	0	0	0.000
11/2/2001	<1	<1	<1	14.0	13.0	13.0	57.0	48.0	53.0	30.0	29.0	30.0	0	0	0	0.000	89.0	86.0	87.0	33.0	30.0	32.0	89.0	86.0	87.0	33.0	30.0	32.0	0	0	0	0.000
11/3/2001	<1	<1	<1	14.0	13.0	13.0	48.0	41.0	45.0	30.0	29.0	30.0	0	0	0	0.000	89.0	86.0	87.0	33.0	30.0	32.0	89.0	86.0	87.0	33.0	30.0	32.0	0	0	0	0.000
11/4/2001	<1	<1	<1	14.0	13.0	13.0	76.0	40.0	71.0	30.0	29.0	30.0	0	0	0	0.000	87.0	85.0	86.0	34.0	31.0	32.0	87.0	85.0	86.0	34.0	31.0	32.0	0	0	0	0.000
11/5/2001	<1	<1	<1	14.0	13.0	13.0	76.0	73.0	74.0	30.0	29.0	30.0	0	0	0	0.000	87.0	84.0	85.0	34.0	31.0	32.0	87.0	84.0	85.0	34.0	31.0	32.0	0	0	0	0.000
11/6/2001	<1	<1	<1	14.0	13.0	13.0	77.0	72.0	74.0	30.0	29.0	30.0	0	0	0	0.000	90.0	84.0	86.0	34.0	31.0	32.0	90.0	84.0	86.0	34.0	31.0	32.0	0	0	0	0.000
11/7/2001	<1	<1	<1	14.0	13.0	13.0	78.0	72.0	75.0	30.0	29.0	30.0	0	0	0	0.000	90.0	84.0	86.0	38.0	25.0	32.0	90.0	84.0	86.0	38.0	25.0	32.0	0	0	0	0.000
11/8/2001	<1	<1	<1	14.0	13.0	13.0	78.0	71.0	75.0	30.0	29.0	30.0	0	0	0	0.000	90.0	84.0	86.0	34.0	31.0	32.0	90.0	84.0	86.0	34.0	31.0	32.0	0	0	0	0.000
11/9/2001	<1	<1	<1	14.0	13.0	13.0	78.0	70.0	75.0	30.0	29.0	30.0	0	0	0	0.000	90.0	84.0	86.0	34.0	31.0	32.0	90.0	84.0	86.0	34.0	31.0	32.0	0	0	0	0.000
11/10/2001	<1	<1	<1	14.0	13.0	13.0	75.0	70.0	73.0	30.0	29.0	30.0	0	0	0	0.000	90.0	84.0	86.0	34.0	31.0	32.0	90.0	84.0	86.0	34.0	31.0	32.0	0	0	0	0.000
11/11/2001	<1	<1	<1	14.0	13.0	13.0	77.0	70.0	75.0	30.0	29.0	30.0	0	0	0	0.000	91.0	84.0	86.0	35.0	31.0	32.0	91.0	84.0	86.0	35.0	31.0	32.0	0	0	0	0.000
11/12/2001	<1	<1	<1	14.0	13.0	13.0	77.0	70.0	75.0	30.0	29.0	29.0	0	0	0	0.000	91.0	85.0	87.0	38.0	28.0	32.0	91.0	85.0	87.0	38.0	28.0	32.0	0	0	0	0.000
11/13/2001	<1	<1	<1	14.0	13.0	13.0	77.0	71.0	75.0	30.0	29.0	29.0	0	0	0	0.000	91.0	85.0	87.0	34.0	31.0	33.0	91.0	85.0	87.0	34.0	31.0	33.0	0	0	0	0.000
11/14/2001	<1	<1	<1	14.0	13.0	13.0	77.0	71.0	75.0	30.0	29.0	29.0	0	0	0	0.000	91.0	84.0	87.0	34.0	29.0	32.0	91.0	84.0	87.0	34.0	29.0	32.0	0	0	0	0.000
11/15/2001	<1	<1	<1	14.0	13.0	13.0	77.0	71.0	75.0	30.0	29.0	29.0	0	0	0	0.000	90.0	85.0	86.0	34.0	30.0	32.0	90.0	85.0	86.0	34.0	30.0	32.0	0	0	0	0.000
11/16/2001	<1	<1	<1	14.0	13.0	13.0	79.0	71.0	76.0	30.0	29.0	29.0	0	0	0	0.000	90.0	85.0	86.0	34.0	30.0	32.0	90.0	85.0	86.0	34.0	30.0	32.0	0	0	0	0.000
11/17/2001	<1	<1	<1	14.0	13.0	13.0	79.0	69.0	75.0	30.0	29.0	29.0	0	0	0	0.000	90.0	85.0	87.0	34.0	31.0	32.0	90.0	85.0	87.0	34.0	31.0	32.0	0	0	0	0.000
11/18/2001	<1	<1	<1	14.0	13.0	13.0	79.0	69.0	75.0	30.0	29.0	29.0	0	0	0	0.000	91.0	85.0	88.0	34.0	32.0	32.0	91.0	85.0	88.0	34.0	32.0	32.0	0	0	0	0.000
11/19/2001	<1	<1	<1	14.0	13.0	13.0	79.0	66.0	74.0	30.0	29.0	29.0	0	0	0	0.000	91.0	85.0	88.0	35.0	32.0	33.0	91.0	85.0	88.0	35.0	32.0	33.0	0	0	0	0.000
11/20/2001	<1	<1	<1	14.0	13.0	13.0	81.0	66.0	74.0	30.0	29.0	29.0	0	0	0	0.000	91.0	85.0	88.0	34.0	30.0	33.0	91.0	85.0	88.0	34.0	30.0	33.0	0	0	0	0.000
11/21/2001	<1	<1	<1	14.0	13.0	13.0	82.0	69																								

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-2 Annulus (PSI)				IW-2 Injection (PSI)			Total Flow (GPD)						
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min
12/2/2001	<1	<1	<1	14	13	13	77	71	74	29	29	29	0	0	0	0.000	83	77	79	34	31	32	1056	651	802	1,416
12/5/2001	<1	<1	<1	14	13	13	75	71	73	29	29	29	0	0	0	0.000	83	78	79	34	32	33	1152	0	970	1,341
12/8/2001	<1	<1	<1	14	13	13	76	71	74	29	29	29	0	0	0	0.000	84	78	80	35	32	33	1322	732	936	1,115
12/11/2001	<1	<1	<1	14	13	13	76	71	74	29	29	29	0	0	0	0.000	83	78	80	34	31	32	1004	608	777	1,118
12/14/2001	<1	<1	<1	14	13	13	75	72	74	29	29	29	0	0	0	0.000	83	79	80	34	31	32	965	716	776	1,276
12/17/2001	<1	<1	<1	14	13	13	75	73	74	29	29	29	0	0	0	0.000	82	79	80	35	30	32	1455	0	874	1,108
12/20/2001	<1	<1	<1	14	13	13	77	73	74	29	29	29	0	0	0	0.000	83	79	80	33	31	32	959	721	773	1,221
12/23/2001	<1	<1	<1	14	13	13	77	73	75	29	29	29	0	0	0	0.000	84	79	81	34	31	32	1083	0	852	0.594
12/26/2001	<1	<1	<1	14	13	13	80	70	75	41	24	32	1716	0	486	1.927	83	78	80	38	29	32	0	0	0	0.000
12/29/2001	<1	<1	<1	14	13	13	70	59	65	35	30	33	1153	361	862	1.123	82	78	79	32	31	32	0	0	0	0.000
12/31/2001	<1	<1	<1	14	13	13	74	70	73	37	29	32	1319	0	769	1.039	84	77	78	41	30	32	0	0	0	0.000
1/3/2002	<1	<1	<1	14	12	12	76	70	73	35	29	32	997	383	725	1.232	82	77	79	32	30	31	0	0	0	0.000
1/6/2002	<1	<1	<1	14	13	13	74	70	72	35	31	33	1234	405	858	1.108	81	77	78	31	30	31	0	0	0	0.000
1/9/2002	<1	<1	<1	14	13	13	74	70	72	35	31	33	1037	0	773	1.151	83	78	80	30	30	30	0	0	0	0.000
1/12/2002	<1	<1	<1	14	13	13	74	70	72	34	31	33	1072	608	791	1.305	83	78	80	30	30	30	0	0	0	0.000
1/15/2002	<1	<1	<1	14	13	13	74	70	72	36	32	33	1130	861	915	1.282	83	78	80	30	30	30	0	0	0	0.000
1/18/2002	<1	<1	<1	14	13	13	75	69	72	36	31	33	1073	648	893	1.081	83	78	80	30	30	30	0	0	0	0.000
1/21/2002	<1	<1	<1	14	13	13	75	70	71	34	31	32	930	652	745	1.271	83	79	80	32	30	30	0	0	0	0.000
1/24/2002	<1	<1	<1	14	13	13	75	69	72	36	31	33	1173	700	887	1.296	82	78	80	30	30	30	0	0	0	0.000
1/27/2002	<1	<1	<1	14	13	13	75	69	72	35	31	33	1053	684	895	1.066	82	77	79	30	30	30	0	0	0	0.000
1/30/2002	<1	<1	<1	14	13	13	76	70	73	35	31	32	940	701	745	1.278	82	76	78	30	30	30	0	0	0	0.000
2/2/2002	<1	<1	<1	14	13	13	74	70	72	35	31	33	1104	701	885	1.308	82	77	78	30	30	30	0	0	0	0.000
2/5/2002	<1	<1	<1	14	13	13	75	70	72	37	29	33	1352	279	911	1.311	82	78	79	30	30	30	0	0	0	0.000
2/8/2002	<1	<1	<1	14	13	13	75	71	73	35	30	33	1112	0	905	1.274	83	78	79	30	30	30	0	0	0	0.000
2/11/2002	<1	<1	<1	14	13	13	77	71	74	34	32	33	1081	842	898	1.243	84	78	79	30	30	30	0	0	0	0.000
2/14/2002	<1	<1	<1	14	13	13	81	72	74	34	32	33	1112	655	847	1.038	78	74	77	30	30	30	0	0	0	0.000
2/17/2002	<1	<1	<1	14	13	13	79	72	75	34	31	32	944	667	744	1.286	80	73	76	30	30	30	0	0	0	0.000
2/20/2002	<1	<1	<1	14	13	13	77	72	75	35	32	33	1084	836	892	1.150	81	75	77	30	29	30	0	0	0	0.000
2/23/2002	<1	<1	<1	14	13	13	77	72	75	41	29	33	1718	117	781	1.249	82	76	78	30	29	30	0	0	0	0.000
2/26/2002	<1	<1	<1	14	13	13	76	71	74	34	29	33	1105	0	884	1.113	82	76	78	30	29	30	0	0	0	0.000
2/29/2002	<1	<1	<1	13	13	13	74	72	73	34	31	32	1030	416	768	1.264	78	76	77	30	29	30	0	0	0	0.000
3/3/2002	<1	<1	<1	13	13	13	76	71	73	34	32	33	1113	685	910	1.231	82	75	78	30	29	30	0	0	0	0.000
3/6/2002	<1	<1	<1	13	13	13	74	71	73	36	31	33	1113	458	789	1.049	80	76	78	30	29	30	0	0	0	0.000
3/9/2002	<1	<1	<1	13	13	13	73	71	72	34	31	32	956	459	677	1.066	80	74	77	30	29	30	0	0	0	0.000
3/12/2002	<1	<1	<1	13	13	13	76	71	74	34	31	32	1036	677	825	1.210	76	72	74	30	29	30	0	0	0	0.000
3/15/2002	<1	<1	<1	13	13	13	77	71	73	34	31	32	949	0	735	1.182	79	73	74	30	29	30	0	0	0	0.000
3/18/2002	<1	<1	<1	13	13	13	72	69	71	36	32	33	1077	829	886	1.135	80	75	77	30	29	30	0	0	0	0.000
3/21/2002	<1	<1	<1	13	13	13	73	69	71	36	31	33	1072	679	856	1.256	79	74	77	30	29	30	0	0	0	0.000
3/24/2002	<1	<1	<1	13	13	13	75	70	73	33	27	32	943	194	726	1.262	78	72	74	30	29	30	0	0	0	0.000
3/27/2002	<1	<1	<1	13	13	12	75	70	73	35	30	32	933	652	736	1.108	78	72	74	30	29	29	0	0	0	0.000
3/30/2002	<1	<1	<1	13	13	13	75	70	72	35	31	33	1079	688	843	1.070	81	73	76	30	29	29	0	0	0	0.000
4/2/2002	<1	<1	<1	13	13	13	76	71	74	36	31	33	1071	685	824	1.273	82	74	78	30	29	29	0	0	0	0.000
4/5/2002	<1	<1	<1	13	13	13	78	72	74	35	31	33	1006	680	783	1.265	82	75	78	30	29	29	0	0	0	0.000
4/8/2002	<1	<1	<1	13	13	13	75	72	74	35	32	33	1088	838	882	1.175	81	77	78	30	29	29	0	0	0	0.000
4/11/2002	<1	<1	<1	13	13	13	76	72	74	35	28	33	1061	139	879	1.267	82	77	79	30	29	29	0	0	0	0.000
4/14/2002	<1	<1	<1	13	13	13	76	72	74	35	27	33	1171	135	763	1.277	82	78	79	30	29	29	0	0	0	0.000
4/17/2002	<1	<1	<1	13	13	13	78	73	75	37	24	33	1275	0	747	1.290	83	77	79	30	29	29	0	0	0	0.000
4/20/2002	<1	<1	<1	13	13	13	78	70	75	35	30	33	1140	411	885	1.134	85	78	81	30	29	29	0	0	0	0.000
4/23/2002	<1	<1	<1	13	13	13	73	65	69	37	32	33	1294	0	888	1.249	85	79	81	30	29	29	0	0	0	0.000
4/26/2002	<1	<1	<1	13	13	13	75	69	72	35	31	33	1082	619	802	1.124	85	79	81	30	29	29	0	0	0	0.000
4/29/2002	<1	<1	<1	13	13	13	74	68	70	35	32	33	1079	0	887	1.289	86	80	81	30	29	29	0	0	0	0.000

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot	
1/22/2002	<1	<1	<1	13	13	13	73	68	70	35	32	33	1075	844	891	1,253	86	80	82	30	29	29	0	0	0	0.000		
1/23/2002	<1	<1	<1	13	13	13	73	67	69	37	32	33	1163	0	888	1,289	86	80	82	30	29	29	0	0	0	0.000		
1/24/2002	<1	<1	<1	13	13	13	70	66	69	39	25	33	1526	0	785	1,295	86	81	82	30	29	29	0	0	0	0.000		
1/25/2002	<1	<1	<1	13	13	13	70	66	69	36	31	33	1102	688	874	1,196	86	81	83	30	29	29	0	0	0	0.000		
1/27/2002	<1	<1	<1	13	13	13	72	66	69	35	31	33	1019	700	778	1,126	87	81	83	30	29	29	0	0	0	0.000		
1/28/2002	<1	<1	<1	13	13	13	71	66	69	35	31	33	1064	852	890	0.000	88	81	83	30	29	29	0	0	0	0.000		
1/29/2002	<1	<1	<1	13	13	13	71	66	69	34	31	33	1072	443	886	0.000	87	81	83	30	29	29	0	0	0	0.000		
1/30/2002	<1	<1	<1	13	13	13	71	66	69	34	32	33	1090	0	892	0.000	88	81	84	30	29	29	0	0	0	0.000		
1/31/2002	<1	<1	<1	13	13	13	70	66	68	44	28	33	2047	254	831	0.000	88	83	84	30	29	29	0	0	0	0.000		
2/1/2002	<1	<1	<1	13.0	13.0	13.0	71	66	68	34	31	33	1056	0	787	1,178	87	83	84	30	29	29	0	0	0	0.000		
2/2/2002	<1	<1	<1	13.0	13.0	13.0	72	66	68	35	32	33	1016	682	827	1,188	89	83	85	30	29	29	0	0	0	0.000		
2/3/2002	<1	<1	<1	13.0	13.0	13.0	72	65	69	34	32	33	1059	649	791	1,241	90	83	85	30	29	29	0	0	0	0.000		
2/5/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	34	32	33	1047	841	887	1,269	90	83	86	30	29	29	0	0	0	0.000		
2/8/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	35	32	33	1154	842	892	1,219	88	82	85	30	29	29	0	0	0	0.000		
2/11/2002	<1	<1	<1	13.0	13.0	13.0	72	68	70	35	32	33	1090	667	837	1,280	86	80	83	30	29	29	0	0	0	0.000		
2/12/2002	<1	<1	<1	13.0	13.0	13.0	72	67	70	35	32	33	1105	840	890	1,282	86	81	83	30	29	29	0	0	0	0.000		
2/13/2002	<1	<1	<1	13.0	13.0	13.0	72	67	70	34	32	33	1020	841	893	1,198	88	83	85	30	29	29	0	0	0	0.000		
2/14/2002	<1	<1	<1	13.0	13.0	13.0	69	67	68	36	31	33	1068	0	830	1,200	88	82	84	30	29	29	0	0	0	0.000		
2/15/2002	<1	<1	<1	13.0	13.0	13.0	70	67	68	34	32	33	1061	663	777	1,213	87	83	84	30	29	29	0	0	0	0.000		
2/16/2002	<1	<1	<1	13.0	13.0	13.0	70	67	68	37	31	33	1066	836	903	1,289	88	83	85	30	29	29	0	0	0	0.000		
2/17/2002	<1	<1	<1	13.0	13.0	13.0	71	66	68	33	31	32	1182	0	888	1,038	88	83	85	30	29	29	0	0	0	0.000		
2/18/2002	<1	<1	<1	13.0	13.0	13.0	70	65	67	34	30	32	967	666	728	1,184	90	83	85	30	29	29	0	0	0	0.000		
2/19/2002	<1	<1	<1	13.0	13.0	13.0	70	65	67	34	31	32	1115	400	818	1,136	90	83	86	30	28	30	0	0	0	0.000		
2/20/2002	<1	<1	<1	13.0	13.0	13.0	70	65	67	33	31	32	1012	612	789	0,970	86	83	84	30	30	30	0	0	0	0.000		
2/21/2002	<1	<1	<1	13.0	13.0	13.0	68	65	67	35	30	32	912	606	677	0,978	90	83	85	30	30	30	0	0	0	0.000		
2/23/2002	<1	<1	<1	13.0	13.0	13.0	69	65	67	35	31	32	857	609	674	1,172	89	84	85	30	30	30	0	0	0	0.000		
2/24/2002	<1	<1	<1	13.0	13.0	13.0	71	66	68	35	32	33	1090	822	896	1,281	88	82	85	30	30	30	0	0	0	0.000		
2/25/2002	<1	<1	<1	13.0	13.0	13.0	69	66	67	35	32	33	1073	819	892	1,311	87	83	84	30	30	30	0	0	0	0.000		
2/26/2002	<1	<1	<1	13.0	13.0	13.0	70	67	68	42	23	33	1724	0	873	1,072	89	84	86	30	30	30	0	0	0	0.000		
2/27/2002	<1	<1	<1	13.0	13.0	13.0	72	68	69	36	29	32	1185	634	788	0,994	89	84	86	30	30	30	0	0	0	0.000		
2/28/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	33	31	32	874	627	683	0,893	90	84	86	30	30	30	0	0	0	0.000		
2/29/2002	<1	<1	<1	13.0	13.0	13.0	73	69	71	41	29	32	1514	0	618	1,120	87	83	85	30	30	30	0	0	0	0.000		
3/5/2002	<1	<1	<1	13.0	13.0	13.0	76	70	72	42	24	32	1717	0	784	1,316	87	82	84	30	30	30	0	0	0	0.000		
3/7/2002	<1	<1	<1	13.0	13.0	13.0	78	72	74	35	32	32	1086	723	913	1,235	89	82	85	30	30	30	0	0	0	0.000		
3/8/2002	<1	<1	<1	13.0	13.0	13.0	76	68	73	35	32	32	1094	638	860	1,273	91	83	86	30	30	30	0	0	0	0.000		
3/9/2002	<1	<1	<1	13.0	13.0	13.0	68	57	63	44	29	32	1080	717	885	1,003	89	82	86	30	30	30	0	0	0	0.000		
3/10/2002	<1	<1	<1	13.0	13.0	13.0	75	55	65	47	14	33	2270	0	743	1,242	86	82	84	30	30	30	0	0	0	0.000		
3/12/2002	<1	<1	<1	13.0	13.0	13.0	71	0	68	34	0	32	1082	0	880	1,316	89	0	86	30	30	30	0	0	0	0.000		
3/13/2002	<1	<1	<1	13.0	13.0	13.0	71	66	68	35	32	32	1085	851	895	1,294	88	85	87	30	30	30	0	0	0	0.000		
3/14/2002	<1	<1	<1	13.0	13.0	13.0	71	68	69	34	31	32	1073	0	900	1,147	87	83	85	30	30	30	0	0	0	0.000		
3/17/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	35	31	32	1065	617	796	1,056	86	80	83	30	30	30	0	0	0	0.000		
3/18/2002	<1	<1	<1	13.0	12.0	13.0	70	68	68	36	29	32	0	0	0	0.000	87	83	85	35	30	31	1179	0	458	1,281		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	71	67	69	30	30	30	0	0	0	0.000	89	86	87	35	30	33	1075	471	889	1,274		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	73	67	70	30	30	30	0	0	0	0.000	88	86	87	34	29	33	1085	350	887	1,299		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	73	68	71	30	30	30	0	0	0	0.000	89	86	88	34	32	33	1085	849	901	1,413		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	73	68	70	30	30	30	0	0	0	0.000	87	86	86	34	31	33	1245	780	1012	1,461		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	73	68	70	30	29	30	0	0	0	0.000	88	87	87	35	31	33	1084	615	906	1,308		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	73	68	70	30	29	30	0	0	0	0.000	86	87	90	34	28	32	1435	0	765	1,104		

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
3/14/2002	<1	<1	<1	13.0	13.0	12.0	72	68	70	30	29	30	0	0	0	0.000	88	88	91	37	30	33	1251	568	929	1.334
3/15/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	30	30	0	0	0	0.000	89	88	91	35	23	33	1756	0	1006	1.453
3/16/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	30	30	0	0	0	0.000	88	89	91	38	30	33	1563	0	1090	1.596
3/17/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	30	30	0	0	0	0.000	87	89	91	36	32	33	1341	1061	1115	1.587
3/18/2002	<1	<1	<1	13.0	13.0	13.0	75	69	72	30	30	30	0	0	0	0.000	89	89	91	35	30	32	1277	468	931	1.337
3/19/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	30	30	0	0	0	0.000	86	89	91	35	25	32	1633	0	976	1.427
3/20/2002	<1	<1	<1	13.0	13.0	13.0	76	69	72	30	30	30	0	0	0	0.000	87	89	92	36	30	33	1648	0	1041	1.484
3/21/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	30	30	0	0	0	0.000	85	90	92	39	32	33	1234	866	1020	1.463
3/22/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	30	30	0	0	0	0.000	87	90	93	34	31	33	1270	0	990	1.434
3/23/2002	<1	<1	<1	13.0	13.0	13.0	73	69	71	30	30	30	0	0	0	0.000	88	90	92	34	33	33	1274	1089	1121	1.614
3/24/2002	<1	<1	<1	13.0	13.0	13.0	74	69	71	30	30	30	0	0	0	0.000	88	89	92	34	33	33	1278	1075	1121	1.617
3/25/2002	<1	<1	<1	13.0	13.0	13.0	72	68	70	30	30	30	0	0	0	0.000	86	90	92	34	33	33	1341	1070	1121	1.632
3/26/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	30	30	30	0	0	0	0.000	86	90	93	36	31	33	1421	655	1111	1.583
3/27/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	40	29	30	0	0	0	0.000	85	74	82	36	31	33	1283	0	1007	1.463
3/28/2002	<1	<1	<1	13.0	13.0	13.0	73	67	69	30	30	30	0	0	0	0.000	81	73	77	40	31	33	1118	661	967	1.378
3/29/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	30	30	30	0	0	0	0.000	81	74	77	34	32	33	1286	865	1010	1.464
3/30/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	30	30	0	0	0	0.000	80	75	77	34	32	33	1108	873	966	1.401
3/31/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	30	30	30	0	0	0	0.000	81	76	78	35	32	33	1215	858	1063	1.524
4/1/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	30	30	30	0	0	0	0.000	81	76	78	35	32	33	1215	858	1063	1.524
4/2/2002	<1	<1	<1	13.0	13.0	13.0	73	67	70	30	30	30	0	0	0	0.000	83	76	79	33	31	32	1126	812	891	1.453
4/3/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	30	30	30	0	0	0	0.000	82	77	79	34	32	33	1270	822	1006	1.489
4/4/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	30	30	0	0	0	0.000	84	77	79	35	32	33	1253	701	1031	1.526
4/5/2002	<1	<1	<1	13.0	13.0	13.0	75	69	72	30	30	30	0	0	0	0.000	84	77	80	34	32	33	1221	627	1053	1.361
4/6/2002	<1	<1	<1	13.0	13.0	13.0	75	68	72	30	30	30	0	0	0	0.000	83	78	80	34	30	33	1267	348	953	1.577
4/7/2002	<1	<1	<1	13.0	13.0	13.0	74	70	72	30	30	30	0	0	0	0.000	83	78	80	34	33	33	1212	1047	1102	1.539
4/8/2002	<1	<1	<1	13.0	13.0	13.0	75	71	73	30	30	30	0	0	0	0.000	81	78	79	34	32	33	1298	1061	1102	1.459
4/9/2002	<1	<1	<1	13.0	13.0	13.0	75	71	73	30	30	30	0	0	0	0.000	82	78	80	34	32	33	1218	871	1007	0.956
4/10/2002	<1	<1	<1	13.0	13.0	13.0	75	71	73	30	30	30	0	0	0	0.000	84	78	81	34	29	31	1049	239	636	1.039
4/11/2002	<1	<1	<1	13.0	13.0	12.0	74	65	71	30	30	30	0	0	0	0.000	84	78	81	34	28	31	1202	0	756	1.575
4/12/2002	<1	<1	<1	13.0	13.0	13.0	74	61	67	30	29	30	0	0	0	0.000	84	78	81	35	31	33	1283	663	1097	1.616
4/13/2002	<1	<1	<1	13.0	13.0	13.0	75	70	72	30	29	30	0	0	0	0.000	84	79	81	34	30	33	1289	507	1117	1.606
4/14/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	29	30	0	0	0	0.000	85	79	82	35	32	33	1273	1046	1118	1.484
4/15/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	29	30	0	0	0	0.000	85	80	82	35	32	33	1278	826	1025	1.279
4/16/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	29	30	0	0	0	0.000	86	80	83	33	30	32	1135	0	883	1.281
4/17/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	29	30	0	0	0	0.000	86	81	83	33	26	32	1075	325	888	1.441
4/18/2002	<1	<1	<1	13.0	13.0	13.0	73	68	71	30	29	30	0	0	0	0.000	86	81	83	33	32	33	1124	867	1011	1.590
4/19/2002	<1	<1	<1	13.0	13.0	13.0	73	68	71	30	29	30	0	0	0	0.000	86	81	83	34	33	33	1253	1046	1098	1.498
4/20/2002	<1	<1	<1	13.0	13.0	13.0	73	68	71	30	29	30	0	0	0	0.000	87	81	84	35	32	33	1443	836	1033	1.309
4/21/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	29	30	0	0	0	0.000	87	81	84	33	32	32	1115	829	895	1.462
4/22/2002	<1	<1	<1	13.0	13.0	13.0	75	68	72	30	29	30	0	0	0	0.000	89	81	85	34	31	33	1265	0	1040	1.576
4/23/2002	<1	<1	<1	13.0	13.0	13.0	75	68	72	30	29	30	0	0	0	0.000	90	82	86	34	31	33	1320	845	1084	1.573
4/24/2002	<1	<1	<1	13.0	13.0	13.0	74	68	72	30	29	30	0	0	0	0.000	91	83	86	34	33	33	1250	1042	1090	1.579
4/25/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	29	30	0	0	0	0.000	89	84	86	34	33	33	1325	1054	1095	1.579
4/26/2002	<1	<1	<1	13.0	13.0	13.0	74	69	71	30	29	30	0	0	0	0.000	89	84	86	35	30	33	1301	885	1097	1.569
4/27/2002	<1	<1	<1	13.0	13.0	13.0	75	69	73	30	29	30	0	0	0	0.000	90	83	86	34	31	33	1274	601	1094	1.421
4/28/2002	<1	<1	<1	13.0	13.0	13.0	75	69	73	30	29	30	0	0	0	0.000	90	84	86	34	32	33	1226	841	977	1.390
4/29/2002	<1	<1	<1	13.0	13.0	13.0	75	69	73	30	29	30	0	0	0	0.000	90	84	86	35	32	33	1311	0	958	1.559
4/30/2002	<1	<1	<1	13.0	13.0	13.0	75	69	73	30	29	30	0	0	0	0.000	92	84	87	35	32	33	1344	1023	1091	1.521
5/1/2002	<1	<1	<1	13.0	13.0	13.0	75	69	73	30	29	30	0	0	0	0.000	92	85	88	35	31	33	1327	691	1065	1.58
5/3/2002	<1	<1	<1	13.0	13.0	13.0	75	68	72	30	29	30	0	0	0	0.000	92	85	88	35	32	33	1311	874	1094	1.59
5/4/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	29	30	0	0	0	0.000	92	85	88	35	33	33	1325	1066	1090	1.55

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM.
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
5/4/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	29	30	0	0	0	0.00	92	85	88	35	31	33	1211	924	1091	1.61
5/5/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	30	29	30	0	0	0	0.00	92	81	88	34	33	33	1202	1056	1091	1.57
5/6/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	86	89	35	33	33	1307	0	1089	1.57
5/7/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	86	89	35	32	33	1281	1053	1089	1.56
5/8/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	87	89	36	33	33	1298	1061	1090	1.59
5/10/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	30	29	30	0	0	0	0.00	92	87	89	36	32	33	1248	1020	1095	1.55
5/11/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	87	89	35	31	33	1297	576	1074	1.57
5/12/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	87	89	36	31	33	1255	572	1093	1.57
5/13/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	88	89	34	33	33	1207	1067	1090	1.58
5/14/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	30	29	30	0	0	0	0.00	93	88	90	35	33	33	1260	1065	1093	1.59
5/15/2002	<1	<1	<1	13.0	13.0	13.0	74	68	72	30	29	30	0	0	0	0.00	93	88	90	35	32	33	1289	1044	1093	1.54
5/16/2002	<1	<1	<1	13.0	13.0	13.0	75	70	72	30	30	30	0	0	0	0.00	95	88	91	35	31	33	1260	0	1070	1.57
5/17/2002	<1	<1	<1	13.0	13.0	13.0	75	71	72	31	30	30	0	0	0	0.00	94	88	90	34	31	33	1209	444	1091	1.35
5/18/2002	<1	<1	<1	13.0	13.0	13.0	75	71	72	30	30	30	0	0	0	0.00	94	88	90	38	25	33	1682	0	929	1.28
5/19/2002	<1	<1	<1	13.0	13.0	13.0	75	71	73	30	30	30	0	0	0	0.00	94	88	91	34	32	33	1069	826	887	1.27
5/20/2002	<1	<1	<1	13.0	13.0	13.0	76	72	73	30	30	30	0	0	0	0.00	94	89	91	34	29	33	1093	337	873	1.28
5/21/2002	<1	<1	<1	13.0	13.0	13.0	74	70	71	30	30	30	0	0	0	0.00	93	88	89	35	30	33	1059	822	886	1.33
5/22/2002	<1	<1	<1	13.0	13.0	13.0	65	63	61	30	30	30	0	0	0	0.00	95	87	90	35	30	33	1235	347	927	1.30
5/23/2002	<1	<1	<1	13.0	13.0	13.0	66	58	52	30	30	30	0	0	0	0.00	96	88	91	35	31	33	1064	834	895	1.28
5/24/2002	<1	<1	<1	13.0	13.0	13.0	74	69	59	30	30	30	0	0	0	0.00	94	88	91	34	31	33	1062	0	897	1.30
5/25/2002	<1	<1	<1	13.0	13.0	13.0	73	69	71	30	30	30	0	0	0	0.00	94	73	82	40	29	33	1723	95	888	1.28
5/26/2002	<1	<1	<1	13.0	13.0	13.0	73	69	71	30	30	30	0	0	0	0.00	78	73	75	33	32	33	1058	0	892	1.28
5/27/2002	<1	<1	<1	13.0	13.0	13.0	73	69	70	30	30	30	0	0	0	0.00	78	73	75	34	32	33	1057	833	897	1.30
5/28/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	30	30	30	0	0	0	0.00	78	74	76	34	30	33	1090	806	896	1.32
5/29/2002	<1	<1	<1	13.0	13.0	13.0	72	68	70	30	30	30	0	0	0	0.00	79	75	77	34	32	33	1057	850	901	1.45
5/31/2002	<1	<1	<1	13.0	13.0	13.0	74	68	70	30	30	30	0	0	0	0.00	79	75	77	35	32	33	1229	856	1021	1.58
6/1/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	68	70	30	30	30	0	0	0	0.00	81	75	78	35	33	33	1248	1048	1089	1.40
6/2/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	67	70	30	30	30	0	0	0	0.00	82	76	78	35	32	33	1220	0	965	1.17
6/3/2002	0.0	0.0	0.0	13.0	13.0	13.0	74	68	71	30	30	30	0	0	0	0.00	83	76	78	34.0	26.0	32.0	1047.00	324.00	1111.00	1.29
6/4/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	68	70	30	30	30	0	0	0	0.00	83	76	78	35.0	32.0	32.0	1065.00	302.00	1118.00	1.45
6/5/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	68	70	30	30	30	0	0	0	0.00	81	75	78	35.0	32.0	33.0	1111.00	0.00	1000.00	1.55
6/6/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	70	30	30	30	0	0	0	0.00	83	76	81	38.0	29.0	33.0	1001.00	0.00	1000.00	0.74
6/7/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	70	30	30	30	0	0	0	0.00	83	76	80	37.0	30.0	33.0	1008.00	0.00	1000.00	0.90
6/8/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	71	30	30	30	0	0	0	0.00	83	76	79	32.0	30.0	31.0	0.00	0.00	0.00	0.00
6/9/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/10/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/11/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/12/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/13/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/14/2002	0.0	0.0	0.0	13.0	3.0	12.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/15/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	71	30	30	30	0	0	0	0.00	83	76	79	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/16/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	71	30	30	30	0	0	0	0.00	83	76	79	38.0	30.0	31.0	1000.00	0.00	1000.00	0.00
6/17/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	75	30	30	30	0	0	0	0.00	83	76	79	32.0	31.0	31.0	0.00	0.00	0.00	0.00
6/18/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	68	75	30	30	30	0	0	0	0.00	83	76	79	31.0	29.0	30.0	0.00	0.00	0.00	0.00
6/19/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	68	30	30	30	0	0	0	0.00	83	76	81	31.0	29.0	30.0	0.00	0.00	0.00	0.00
6/20/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	67	68	30	30	30	0	0	0	0.00	83	76	81	30.0	29.0	30.0	0.00	0.00	0.00	0.00
6/21/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	67	68	30	30	30	0	0	0	0.00	83	76	81	30.0	29.0	30.0	0.00	0.00	0.00	0.00
6/22/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	67	68	30	30	30	0	0	0	0.00	83	76	81	30.0	29.0	30.0	0.00	0.00	0.00	0.00
6/23/2002	0.0	0.0	0.0	13.0	13.0	13.0	69	67	68	30	30	30	0	0	0	0.00	83	76	81	30.0	29.0	30.0	0.00	0.00	0.00	0.00

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPD)			IW-1 Total (GPD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPD)			IW-2 Total (GPD)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max
6/24/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	66	68	35	28	32	1200	1010	1078	1.575	97	89	92	30	30	30	0	0	0	0.00	
6/25/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	65	69	35	27	32	1253	1028	1079	1.527	97	89	93	30	30	30	0	0	0	0.00	
6/26/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	66	69	35	30	33	1218	677	1067	1.421	97	90	93	30	30	30	0	0	0	0.00	
6/27/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	66	69	38	28	33	1562	0	964	1.498	97	90	92	30	30	30	0	0	0	0.00	
6/28/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	67	70	36	29	31	1229	770	1050	1.553	96	89	92	30	30	30	0	0	0	0.00	
6/29/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	67	70	35	26	34	1227	0	1074	1.534	97	89	92	30	30	30	0	0	0	0.00	
6/30/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	67	71	37	25	34	1415	133	1065	1.503	97	90	92	30	30	30	0	0	0	0.00	
7/1/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	68	71	35	32	34	1249	823	1049	1.265	95	90	91	30	30	30	0	0	0	0.00	
7/2/2002																											
7/3/2002																											
7/4/2002																											
7/5/2002																											
7/6/2002																											
7/7/2002																											
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7/26/2002																											
7/27/2002																											
7/28/2002																											
7/29/2002																											
7/30/2002																											
7/31/2002																											
8/1/2002	<1	<1	<1	30.0	30.0	30.0	71	66	68	35	28	32	1200	1010	1078	1.575	97	89	92	30	30	30	0	0	0	0.000	
8/2/2002	<1	<1	<1	30.0	30.0	30.0	71	65	69	35	27	32	1253	1028	1079	1.527	97	89	93	30	30	30	0	0	0	0.000	
8/3/2002	<1	<1	<1	30.0	30.0	30.0	71	66	69	35	30	33	1218	677	1067	1.421	97	90	93	30	30	30	0	0	0	0.000	
8/4/2002	<1	<1	<1	30.0	30.0	30.0	71	66	69	38	28	33	1562	0	964	1.498	97	90	92	30	30	30	0	0	0	0.000	
8/5/2002	<1	<1	<1	30.0	30.0	30.0	73	67	70	36	29	31	1229	770	1050	1.553	96	89	92	30	30	30	0	0	0	0.000	
8/6/2002	<1	<1	<1	30.0	30.0	30.0	73	67	70	35	26	34	1227	0	1074	1.534	97	89	92	30	30	30	0	0	0	0.000	
8/7/2002	<1	<1	<1	30.0	30.0	30.0	73	67	71	37	25	34	1415	133	1065	1.503	97	90	92	30	30	30	0	0	0	0.000	
8/8/2002	<1	<1	<1	30.0	30.0	30.0	73	68	71	35	32	34	1249	823	1049	1.265	95	90	91	30	30	30	0	0	0	0.000	
8/9/2002	<1	<1	<1	30.0	30.0	30.0	76	70	72	34	31	33	1161	622	873	1.279	97	89	92	30	30	30	0	0	0	0.000	
8/10/2002	<1	<1	<1	30.0	30.0	30.0	74	70	72	34	32	33	1054	0	891	1.404	95	90	92	30	30	30	0	0	0	0.000	
8/11/2002	<1	<1	<1	30.0	30.0	30.0	74	70	72	35	31	34	1217	582	979	1.456	95	90	92	30	30	30	0	0	0	0.000	
8/12/2002	<1	<1	<1	30.0	30.0	30.0	76	70	72	35	31	34	1198	0	1012	1.251	96	90	91	30	30	30	0	0	0	0.000	
8/13/2002	<1	<1	<1	31.0	30.0	30.0	75	70	72	50	31	36	2414	0	1217	1.895	97	90	92	31	30	30	0	0	0	0.000	

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
8/14/2002	<1	<1	<1	31.0	31.0	31.0	71	63	67	35	30	33	1206	352	959	1.314	97	91	93	31	31	31	0	0	0	0.000
8/15/2002	<1	<1	<1	31.0	30.0	28.0	72	63	64	35	31	31	1253	0	922	1.574	97	91	87	31	31	28	0	0	0	0.000
8/16/2002	<1	<1	<1	30.0	30.0	30.0	71	63	68	35	31	34	1250	0	1084	1.423	97	91	94	30	30	30	0	0	0	0.000
8/17/2002	<1	<1	<1	30.0	30.0	30.0	70	63	67	35	31	33	1245	0	993	1.312	97	91	94	30	30	30	0	0	0	0.000
8/18/2002	<1	<1	<1	30.0	30.0	30.0	71	65	67	37	32	33	1264	582	898	1.466	97	91	94	30	30	30	0	0	0	0.000
8/20/2002	<1	<1	<1	30.0	30.0	30.0	71	65	67	36	32	33	1249	0	1037	1.559	97	91	95	30	30	30	0	0	0	0.000
8/21/2002	<1	<1	<1	30.0	30.0	30.0	71	64	67	36	34	34	1286	1019	1085	1.568	99	92	95	30	30	30	0	0	0	0.000
8/22/2002	<1	<1	<1	30.0	30.0	30.0	71	65	67	36	34	34	1231	0	1077	1.420	99	92	94	30	30	30	0	0	0	0.000
8/23/2002	<1	<1	<1	30.0	30.0	30.0	70	65	67	36	32	34	1220	833	983	1.420	97	91	94	30	30	30	0	0	0	0.000
8/24/2002	<1	<1	<1	30.0	30.0	30.0	71	65	67	36	31	34	1234	632	1005	1.370	98	92	94	30	30	30	0	0	0	0.000
8/25/2002	<1	<1	<1	30.0	30.0	30.0	71	65	67	36	30	34	1223	346	971	1.304	99	92	94	30	30	30	0	0	0	0.000
8/26/2002	<1	<1	<1	30.0	30.0	30.0	72	65	69	36	32	33	1083	778	861	1.475	99	92	94	30	30	30	0	0	0	0.000
8/27/2002	<1	<1	<1	30.0	30.0	30.0	71	65	69	36	32	34	1230	0	1042	1.509	100	92	95	30	30	30	0	0	0	0.000
8/28/2002	<1	<1	<1	30.0	30.0	30.0	76	69	72	41	29	34	1242	817	1046	1.543	100	76	89	30	30	30	0	0	0	0.000
8/29/2002	<1	<1	<1	30.0	30.0	30.0	76	72	74	36	34	34	1591	0	1070	1.564	81	76	77	30	30	30	0	0	0	0.000
8/30/2002	<1	<1	<1	30.0	30.0	30.0	75	72	74	38	30	35	1256	0	1089	1.517	81	76	77	30	30	30	0	0	0	0.000
8/31/2002	<1	<1	<1	30.0	30.0	30.0	75	72	72	36	30	35	1426	1	1051	1.566	82	76	78	30	30	30	0	0	0	0.000
9/1/2002	<1	<1	<1	14.0	13.0	13.0	73	70	71	36	33	35	1224	0	1082	1.562	82	76	79	30	30	30	0	0	0	0.000
9/2/2002	<1	<1	<1	14.0	13.0	13.0	75	70	72	36	32	35	1208	0	1069	1.514	82	77	80	30	30	30	0	0	0	0.000
9/3/2002	<1	<1	<1	14.0	13.0	13.0	76	70	74	35	32	34	1212	0	1074	1.379	84	75	80	30	30	30	0	0	0	0.000
9/4/2002	<1	<1	<1	14.0	13.0	13.0	78	75	76	35	33	34	1069	0	955	1.267	85	76	80	30	30	30	0	0	0	0.000
9/5/2002	<1	<1	<1	14.0	13.0	14.0	75	71	72	35	32	34	1083	0	872	1.478	84	78	80	30	30	30	0	0	0	0.000
9/6/2002	<1	<1	<1	14.0	13.0	14.0	65	62	64	35	34	34	1190	840	1028	1.523	84	79	80	30	30	30	0	0	0	0.000
9/7/2002	<1	<1	<1	14.0	13.0	14.0	78	60	64	35	33	34	1179	1024	1062	1.449	84	79	80	30	30	30	0	0	0	0.000
9/8/2002	<1	<1	<1	14.0	13.0	14.0	78	73	76	31	31	31	1207	852	1009	0.841	84	79	81	30	30	30	1431	0	541	0.774
9/9/2002	<1	<1	<1	14.0	13.0	14.0	75	72	73	33	32	32	0	0	0	0.000	86	79	82	43	30	33	1769	0	503	1.483
9/10/2002	<1	<1	<1	14.0	13.0	14.0	76	72	73	32	31	31	0	0	0	0.000	87	81	83	36	34	35	1230	1043	1096	1.472
9/11/2002	<1	<1	<1	14.0	13.0	13.0	76	73	73	31	30	31	0	0	0	0.000	83	76	80	35	0	34	1215	855	1015	1.305
9/12/2002	<1	<1	<1	14.0	13.0	13.0	76	71	75	31	31	30	0	0	0	0.000	80	77	78	35	0	34	1127	388	908	1.288
9/13/2002	<1	<1	<1	14.0	13.0	13.0	75	72	74	30	30	30	0	0	0	0.000	83	78	80	35	0	34	1024	0	897	1.305
9/14/2002	<1	<1	<1	14.0	13.0	13.0	75	72	74	30	30	30	0	0	0	0.031	83	78	81	36	33	34	1051	856	903	1.450
9/15/2002	<1	<1	<1	14.0	13.0	13.0	75	72	74	31	30	31	0	0	0	0.000	85	78	81	39	31	35	1401	0	1037	1.478
9/16/2002	<1	<1	<1	14.0	13.0	13.0	75	72	74	31	30	31	0	0	0	0.000	85	79	82	39	31	35	1210	295	1072	1.436
9/17/2002	<1	<1	<1	14.0	13.0	13.0	75	72	74	31	30	31	0	0	0	0.000	86	79	82	37	0	35	1243	341	1077	1.556
9/18/2002	<1	<1	<1	14.0	13.0	13.0	75	73	74	31	30	31	0	0	0	0.000	86	80	82	39	30	35	1408	0	1074	1.549
9/19/2002	<1	<1	<1	14.0	13.0	13.0	75	73	74	30	30	30	0	0	0	0.000	86	80	82	39	31	35	1248	2	1075	1.561
9/20/2002	<1	<1	<1	14.0	13.0	13.0	77	73	75	30	30	30	0	0	0	0.000	86	81	82	36	34	35	1212	1045	1077	1.552
9/21/2002	<1	<1	<1	14.0	13.0	13.0	76	73	75	30	30	30	0	0	0	0.000	86	81	83	36	0	35	1247	1047	1078	1.562
9/22/2002	<1	<1	<1	14.0	13.0	13.0	76	74	75	30	30	30	0	0	0	0.000	86	81	83	36	0	35	1187	1050	1080	1.550
9/23/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	85	81	83	36	34	35	1217	0	1078	1.447
9/24/2002	<1	<1	<1	14.0	13.0	13.0	76	72	75	30	30	30	0	0	0	0.000	87	81	83	36	33	34	1187	826	981	1.249
9/25/2002	<1	<1	<1	14.0	13.0	13.0	76	73	75	30	30	30	0	0	0	0.000	86	80	83	38	0	34	1412	0	876	1.258
9/26/2002	<1	<1	<1	14.0	13.0	13.0	76	74	75	30	30	30	0	0	0	0.000	88	82	85	36	32	34	1203	484	869	1.450
9/27/2002	<1	<1	<1	14.0	13.0	13.0	76	73	75	30	30	30	0	0	0	0.000	88	80	82	36	33	35	1217	0	1018	1.556
9/28/2002	<1	<1	<1	14.0	13.0	14.0	75	73	74	30	30	30	0	0	0	0.000	83	77	80	36	34	35	1196	1029	1082	1.566
9/29/2002	<1	<1	<1	14.0	13.0	14.0	75	72	73	30	30	30	0	0	0	0.000	82	77	79	36	34	35	1223	860	1081	1.526
9/30/2002	<1	<1	<1	14.0	13.0	14.0	75	72	73	30	30	30	0	0	0	0.000	82	78	79	36	32	35	1181	629	1049	1.300
10/1/2002	<1	<1	<1	14.0	13.0	14.0	74	72	73	30	30	30	0	0	0	0.000	83	78	80	35	32	34	1015	601	890	1.275
10/2/2002	<1	<1	<1	14.0	13.0	14.0	74	72	73	30	30	30	0	0	0	0.000	83	78	80	35	33	34	1036	841	901	1.527

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (GPD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (GPD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
10/4/2002	<1	<1	<1	14.0	13.0	14.0	74	72	73	30	30	30	0	0	0	0.000	84	79	80	37	33	35	1242	857	1062	1.577
10/5/2002	<1	<1	<1	14.0	13.0	14.0	74	72	73	30	30	30	0	0	0	0.000	85	79	81	36	34	35	1204	1036	1087	1.556
10/6/2002	<1	<1	<1	14.0	13.0	14.0	74	71	72	30	30	30	0	0	0	0.000	85	79	81	36	33	34	1207	822	972	1.311
10/7/2002	<1	<1	<1	14.0	13.0	14.0	74	71	73	30	30	30	0	0	0	0.000	86	79	82	35	33	34	1063	808	902	1.535
10/8/2002	<1	<1	<1	14.0	13.0	14.0	74	72	73	30	30	30	0	0	0	0.000	85	79	82	37	34	35	1233	853	1082	1.591
10/10/2002	<1	<1	<1	14.0	13.0	13.0	76	72	74	30	30	30	0	0	0	0.000	86	79	82	37	34	35	1258	1018	1096	1.582
10/11/2002	<1	<1	<1	14.0	13.0	13.0	77	73	75	30	30	30	0	0	0	0.000	87	80	83	37	34	35	1223	1018	1084	1.540
10/12/2002	<1	<1	<1	14.0	13.0	13.0	78	75	76	30	30	30	0	0	0	0.000	87	80	83	36	33	35	1201	741	1073	1.528
10/13/2002	<1	<1	<1	14.0	13.0	13.0	78	75	76	30	30	30	0	0	0	0.000	87	80	83	36	33	35	1228	776	1061	1.584
10/14/2002	<1	<1	<1	14.0	13.0	13.0	75	72	73	30	30	30	0	0	0	0.000	87	81	83	37	34	35	1206	1026	1088	1.539
10/15/2002	<1	<1	<1	14.0	13.0	13.0	72	69	71	30	30	30	0	0	0	0.000	87	81	83	37	33	35	1205	860	1063	1.119
10/16/2002	<1	<1	<1	14.0	13.0	13.0	77	68	72	30	30	30	0	0	0	0.000	87	81	83	38	29	34	1753	0	771	1.525
10/17/2002	<1	<1	<1	14.0	13.0	13.0	78	77	78	30	30	30	0	0	0	0.000	87	81	83	36	33	35	1223	896	1097	1.598
10/18/2002	<1	<1	<1	14.0	13.0	13.0	79	76	78	30	30	30	0	0	0	0.000	87	80	83	36	33	35	1256	1036	1083	1.461
10/19/2002	<1	<1	<1	14.0	13.0	13.0	79	76	77	30	30	30	0	0	0	0.000	87	80	83	37	32	34	1243	690	1021	1.469
10/20/2002	<1	<1	<1	14.0	13.0	13.0	78	76	76	30	30	30	0	0	0	0.000	87	80	83	36	33	34	1246	0	1015	1.563
10/21/2002	<1	<1	<1	14.0	13.0	13.0	79	76	76	30	30	30	0	0	0	0.000	87	81	83	36	34	34	1232	1042	1080	1.539
10/22/2002	<1	<1	<1	14.0	13.0	13.0	79	76	78	30	30	30	0	0	0	0.000	88	82	84	36	34	34	1228	1045	1079	1.352
10/23/2002	<1	<1	<1	14.0	13.0	13.0	79	75	77	30	30	30	0	0	0	0.000	89	81	84	36	32	33	1188	0	923	1.328
10/24/2002	<1	<1	<1	14.0	13.0	13.0	79	75	77	30	30	30	0	0	0	0.000	88	81	84	34	32	33	1091	0	907	1.509
10/25/2002	<1	<1	<1	14.0	13.0	13.0	79	76	78	30	30	30	0	0	0	0.000	89	83	85	36	32	34	1215	0	1057	1.451
10/26/2002	<1	<1	<1	14.0	13.0	13.0	79	76	77	30	30	30	0	0	0	0.000	89	83	85	36	31	34	1233	494	1006	1.529
10/27/2002	<1	<1	<1	14.0	13.0	13.0	79	76	76	30	30	30	0	0	0	0.000	89	83	85	36	32	34	1215	849	1042	1.384
10/28/2002	<1	<1	<1	14.0	13.0	13.0	79	76	76	30	30	30	0	0	0	0.000	90	83	86	36	32	33	1187	841	934	1.293
10/29/2002	<1	<1	<1	14.0	13.0	13.0	78	75	77	30	30	30	0	0	0	0.000	91	84	86	35	31	33	1077	67	898	1.394
10/30/2002	<1	<1	<1	14.0	13.0	13.0	78	75	77	30	30	30	0	0	0	0.000	90	84	86	38	28	33	1418	0	976	1.442
10/31/2002	<1	<1	<1	14.0	13.0	13.0	78	75	76	30	30	30	0	0	0	0.000	90	76	82	35	31	33	1077	67	898	1.437
11/1/2002	<1	<1	<1	14.0	13.0	13.0	78	75	76	30	30	30	0	0	0	0.000	82	75	77	36	32	33	1244	828	998	1.541
11/2/2002	<1	<1	<1	14.0	13.0	13.0	77	75	75	30	30	30	0	0	0	0.000	80	75	77	36	30	34	1238	0	1048	1.355
11/3/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	80	75	77	36	33	34	1234	855	963	1.351
11/4/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	80	75	77	35	33	34	1101	830	933	1.532
11/5/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	81	75	77	35	33	34	1194	990	1056	1.513
11/6/2002	<1	<1	<1	14.0	13.0	13.0	76	73	74	30	30	30	0	0	0	0.000	81	76	78	35	33	34	1160	989	1053	1.526
11/7/2002	<1	<1	<1	14.0	13.0	13.0	75	73	74	30	30	30	0	0	0	0.000	81	76	79	35	33	34	1175	1004	1053	1.509
11/8/2002	<1	<1	<1	14.0	13.0	13.0	76	73	74	30	30	30	0	0	0	0.000	81	74	77	36	33	34	1190	992	1050	1.401
11/9/2002	<1	<1	<1	14.0	13.0	13.0	76	73	74	30	30	30	0	0	0	0.000	81	74	78	35	33	34	1193	852	964	1.486
11/10/2002	<1	<1	<1	14.0	13.0	13.0	76	73	74	30	30	30	0	0	0	0.000	81	76	78	42	30	34	1698	0	1031	1.485
11/12/2002	<1	<1	<1	14.0	13.0	13.0	77	73	75	30	30	30	0	0	0	0.000	84	76	79	35	33	34	1168	825	1029	1.486
11/12/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	84	77	79	35	33	34	1206	974	1038	1.506
11/13/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	84	78	80	35	33	34	1214	979	1035	1.494
11/14/2002	<1	<1	<1	14.0	12.0	12.0	77	74	75	30	29	30	0	0	0	0.000	81	76	78	35	30	34	1196	485	1044	1.497
11/15/2002	<1	<1	<1	13.0	13.0	13.0	79	76	77	30	29	30	0	0	0	0.000	82	76	78	48	29	34	2266	123	1029	1.495
11/16/2002	<1	<1	<1	13.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	83	77	79	35	33	34	1178	983	1047	1.457
11/17/2002	<1	<1	<1	13.0	13.0	13.0	74	72	73	30	30	30	0	0	0	0.000	81	78	79	47	29	34	2184	0	997	1.429
11/18/2002	<1	<1	<1	13.0	13.0	13.0	74	72	73	30	30	30	0	0	0	0.000	80	76	78	35	30	34	1192	185	1011	1.475
11/19/2002	<1	<1	<1	13.0	13.0	13.0	77	73	75	30	30	30	0	0	0	0.000	80	73	77	35	31	34	1169	730	1016	1.490
11/20/2002	<1	<1	<1	13.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	81	75	78	35	33	34	1190	987	1032	1.109
11/21/2002	<1	<1	<1	13.0	13.0	13.0	77	73	74	30	30	30	0	0	0	0.000	82	76	79	35	30	33	1206	168	773	1.064
11/22/2002	<1	<1	<1	13.0	13.0	13.0	75	74	73	30	30	30	0	0	0	0.000	82	75	79	33	29	33	919	0	735	1.062
11/23/2002	<1	<1	<1	13.0	13.0	13.0	75	73	73	30	30	30	0	0	0	0.000	82	77	79	33	31	33	899	698	737	1.064

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (MGD)			IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
11/24/2002	<1	<1	<1	13.0	13.0	13.0	77	73	75	30	30	30	0	0	0	0.000	81	75	78	33	31	33	934	659	740	1.070				
11/25/2002	<1	<1	<1	13.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	82	75	78	34	31	33	932	696	739	1.279				
11/26/2002	<1	<1	<1	13.0	13.0	13.0	76	74	75	30	30	30	0	0	0	0.000	82	77	79	34	31	33	899	716	738	1.055				
11/27/2002	<1	<1	<1	13.0	13.0	13.0	75	73	74	30	30	30	0	0	0	0.000	83	78	80	51	29	34	2450	0	879	1.495				
11/28/2002	<1	<1	<1	13.0	13.0	13.0	76	72	74	30	30	30	0	0	0	0.000	83	77	80	35	33	34	1189	995	1037	1.486				
11/29/2002	<1	<1	<1	13.0	13.0	13.0	79	74	76	30	30	30	0	0	0	0.000	81	74	78	35	32	33	1174	1012	1035	1.384				
12/1/2002	<1	<1	<1	13.0	13.0	13.0	79	76	76	30	30	30	0	0	0	0.00	81	74	78	35	31	32	1142	837	952	1.089				
12/2/2002	<1	<1	<1	13.0	13.0	13.0	79	76	76	30	30	30	0	0	0	0.00	83	76	78	34	31	32	1053	479	757	1.02				
12/3/2002	<1	<1	<1	13.0	13.0	13.0	78	75	76	30	30	30	0	0	0	0.00	84	77	79	34	32	33	1097	560	716	1.29				
12/4/2002	<1	<1	<1	13.0	13.0	13.0	77	75	76	30	30	30	0	0	0	0.00	83	77	79	34	32	33	1125	819	885	1.26				
12/5/2002	<1	<1	<1	13.0	13.0	13.0	77	75	75	30	30	30	0	0	0	0.00	83	79	80	34	31	33	1088	812	881	1.27				
12/6/2002	<1	<1	<1	13.0	13.0	13.0	78	75	75	30	30	30	0	0	0	0.00	85	79	81	35	27	33	1303	0	855	1.30				
12/8/2002	<1	<1	<1	13.0	12.0	13.0	80	76	78	30	30	30	0	0	0	0.00	85	79	81	35	32	33	1160	829	884	1.21				
12/9/2002	<1	<1	<1	13.0	12.0	13.0	78	76	77	30	30	30	0	0	0	0.00	85	78	80	34	31	33	1069	570	853	1.09				
12/10/2002	<1	<1	<1	13.0	12.0	13.0	78	76	77	30	30	30	0	0	0	0.00	83	79	80	35	30	32	1047	537	749	1.46				
12/11/2002	<1	<1	<1	13.0	12.0	13.0	79	76	77	30	30	30	0	0	0	0.00	84	79	81	35	30	32	1200	830	1015	1.10				
12/12/2002	<1	<1	<1	13.0	12.0	13.0	79	77	78	30	29	29	0	0	0	0.00	85	80	82	43	22	32	2024	0	649	0.22				
12/13/2002	<1	<1	<1	13.0	13.0	13.0	80	77	78	29	28	28	0	0	0	0.00	84	80	82	43	21	28	2638	0	127	1.49				
12/15/2002	<1	<1	<1	13.0	13.0	13.0	80	78	79	29	29	29	0	0	0	0.00	83	78	80	40	30	33	1805	65	1037	1.47				
12/16/2002	<1	<1	<1	13.0	13.0	13.0	83	79	81	29	29	29	0	0	0	0.00	79	74	76	35	32	33	1198	971	1027	1.47				
12/17/2002	<1	<1	<1	13.0	13.0	13.0	83	80	81	30	29	29	0	0	0	0.00	79	74	76	35	32	33	1200	0	1024	1.38				
12/18/2002	<1	<1	<1	13.0	13.0	13.0	86	81	83	42	29	31	1677	0	864	0.32	78	72	74	35	31	33	1221	0	961	0.38				
12/20/2002	<1	<1	<1	13.0	13.0	13.0	83	81	82	37	32	33	1144	795	864	1.13	78	72	74	32	30	32	0	0	0	0.00				
12/21/2002	<1	<1	<1	13.0	13.0	13.0	81	79	80	34	31	33	1543	0	789	1.24	78	72	74	33	32	32	0	0	0	0.00				
12/22/2002	<1	<1	<1	13.0	13.0	13.0	82	79	80	34	31	32	993	652	856	1.08	77	72	74	32	32	32	0	0	0	0.00				
12/23/2002	<1	<1	<1	13.0	13.0	13.0	82	79	80	44	29	33	1085	0	756	1.20	76	69	72	32	32	32	0	0	0	0.00				
12/24/2002	<1	<1	<1	13.0	13.0	13.0	81	78	79	52	32	33	2005	0	833	1.29	77	69	72	32	32	32	0	0	0	0.00				
12/25/2002	<1	<1	<1	13.0	13.0	13.0	79	77	78	40	22	33	2436	425	899	1.20	76	70	73	32	31	31	0	0	0	0.00				
12/26/2002	<1	<1	<1	13.0	13.0	13.0	78	76	77	35	32	34	1568	0	825	1.38	76	73	74	32	31	31	0	0	0	0.00				
12/27/2002	<1	<1	<1	13.0	13.0	13.0	81	77	79	39	28	32	1155	708	968	0.99	76	71	74	32	31	31	0	0	0	0.00				
12/28/2002	<1	<1	<1	13.0	13.0	13.0	81	77	79	34	32	33	1376	0	688	1.25	75	68	71	31	31	31	0	0	0	0.00				
12/29/2002	<1	<1	<1	13.0	13.0	13.0	79	77	78	34	31	32	1075	668	863	1.12	75	69	71	31	30	31	0	0	0	0.00				
12/30/2002	<1	<1	<1	13.0	13.0	13.0	81	77	79	34	31	32	1011	597	765	1.17	74	69	71	30	30	30	0	0	0	0.00				
12/31/2002	<1	<1	<1	13.0	13.0	13.0	81	78	79	34	32	32	994	781	826	1.18	75	68	70	30	30	30	0	0	0	0.00				
1/1/2003	<1	<1	<1	14.0	13.0	13.0	79	78	78	34	32	33	960	780	824	1.20	74	68	70	30	30	30	0	0	0	0.00				
1/2/2003	<1	<1	<1	14.0	13.0	13.0	79	78	78	35	31	33	989	756	835	1.272	75	71	73	30	30	30	0	0	0	0.00				
1/3/2003	<1	<1	<1	14.0	13.0	13.0	82	79	80	34	31	33	1134	713	888	1.083	76	72	74	30	30	30	0	0	0	0.00				
1/4/2003	<1	<1	<1	14.0	13.0	13.0	81	78	80	37	31	32	927	0	750	1.000	78	71	74	30	30	30	0	0	0	0.00				
1/5/2003	<1	<1	<1	14.0	13.0	13.0	81	78	80	37	31	32	980	0	689	1.071	73	70	72	30	30	30	0	0	0	0.00				
1/6/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	34	31	32	891	659	736	1.242	73	68	70	29	30	29	0	0	0	0.00				
1/7/2003	<1	<1	<1	14.0	13.0	13.0	73	69	72	35	32	33	1054	790	864	1.337	75	68	71	29	29	29	0	0	0	0.00				
1/8/2003	<1	<1	<1	14.0	13.0	13.0	70	67	69	34	32	32	1179	701	931	1.091	74	69	71	29	29	29	0	0	0	0.00				
1/9/2003	<1	<1	<1	14.0	13.0	12.0	68	65	66	36	32	34	974	698	758	1.463	73	68	70	29	29	29	0	0	0	0.00				
1/10/2003	<1	<1	<1	14.0	13.0	13.0	66	63	64	35	32	33	1188	718	1016	1.260	73	68	70	29	25	29	0	0	0	0.00				
1/11/2003	<1	<1	<1	14.0	13.0	13.0	83	82	83	35	32	33	1075	813	880	1.263	73	68	70	29	29	29	0	0	0	0.00				
1/12/2003	<1	<1	<1	14.0	13.0	13.0	85	81	83	35	32	33	1075	819	879	1.339	75	68	71	29	29	29	0	0	0	0.00				
1/13/2003	<1	<1	<1	14.0	13.0	13.0	84	81	82	36	34	34	1069	825	926	1.474	76	70	72	29	29	29	0	0	0	0.00				
1/14/2003	<1	<1	<1	14.0	13.0	13.0	84	81	82	36	34	34	1199	966	1034	1.371	76	70	72	29	29	29	0	0	0	0.00				

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPD)				IW-1 Total (PSI)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPD)				IW-2 Total (PSI)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max		Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min		Avg	Max
1/14/2003	<1	<1	<1	14.0	13.0	13.0	84	81	82	36	32	34	1138	822	949	1,207	76	70	72	29	29	29	0	0	0	0.000				
1/15/2003	<1	<1	<1	14.0	13.0	13.0	83	81	82	35	32	33	1038	662	848	1,148	74	70	71	29	29	29	0	0	0	0.000				
1/16/2003	<1	<1	<1	14.0	13.0	13.0	85	81	83	35	32	33	1058	665	796	1,248	74	68	71	29	29	29	0	0	0	0.000				
1/17/2003	<1	<1	<1	14.0	13.0	13.0	86	82	83	35	32	33	1043	681	872	1,281	75	68	71	29	29	29	0	0	0	0.000				
1/19/2003	<1	<1	<1	14.0	13.0	13.0	85	82	83	35	32	33	1073	809	879	1,220	75	68	71	29	29	29	0	0	0	0.000				
1/19/2003	<1	<1	<1	14.0	13.0	13.0	85	82	84	35	32	33	1050	666	846	1,256	69	67	68	29	29	29	0	0	0	0.000				
1/23/2003	<1	<1	<1	14.0	13.0	13.0	87	84	85	35	32	33	1044	814	882	1,264	72	65	68	29	29	29	0	0	0	0.000				
1/27/2003	<1	<1	<1	14.0	13.0	13.0	87	84	85	35	32	33	1036	808	880	1,263	73	65	69	29	29	29	0	0	0	0.000				
1/27/2003	<1	<1	<1	14.0	13.0	13.0	88	84	86	35	32	33	1059	809	880	1,267	75	67	70	29	29	29	0	0	0	0.000				
1/29/2003	<1	<1	<1	14.0	13.0	13.0	87	84	86	46	27	33	2004	150	878	1,266	75	68	71	29	29	29	0	0	0	0.000				
1/30/2003	<1	<1	<1	14.0	13.0	13.0	85	82	83	35	32	33	1061	807	882	1,243	75	69	71	29	29	29	0	0	0	0.000				
1/31/2003	<1	<1	<1	14.0	12.0	13.0	87	81	86	35	31	32	1116	0	602	1,237	71	68	70	29	29	29	0	0	0	0.000				
1/30/2003	<1	<1	<1	14.0	13.0	13.0	86	83	84	35	31	33	1039	813	871	1,252	73	66	68	29	29	29	0	0	0	0.000				
1/27/2003	<1	<1	<1	14.0	13.0	13.0	84	81	82	35	32	33	1034	798	869	1,262	75	67	70	29	29	29	0	0	0	0.000				
1/29/2003	<1	<1	<1	14.0	13.0	13.0	83	80	81	35	32	33	1061	800	872	1,242	73	67	70	29	29	29	0	0	0	0.000				
1/29/2003	<1	<1	<1	14.0	13.0	13.0	83	80	81	35	32	33	1054	806	869	1,253	73	67	69	29	29	29	0	0	0	0.000				
1/30/2003	<1	<1	<1	14.0	13.0	13.0	81	79	80	36	32	33	1039	800	872	1,258	73	69	70	29	29	29	0	0	0	0.000				
1/31/2003	<1	<1	<1	14.0	13.0	13.0	81	79	80	35	33	33	1012	810	869	1,255	75	69	71	29	29	29	0	0	0	0.000				
2/1/2003	<1	<1	<1	14.0	13.0	13.0	81	78	79	35	33	33	1045	817	872	1,273	76	70	72	29	29	29	0	0	0	0.000				
2/2/2003	<1	<1	<1	14.0	13.0	13.0	81	78	79	35	33	33	1018	823	870	1,229	76	70	72	29	29	29	0	0	0	0.000				
2/3/2003	<1	<1	<1	14.0	13.0	13.0	83	78	80	35	33	33	1024	832	870	1,256	76	68	72	29	29	29	0	0	0	0.000				
2/4/2003	<1	<1	<1	14.0	13.0	13.0	82	79	80	35	33	33	1028	826	870	1,247	76	69	72	29	29	29	0	0	0	0.000				
2/5/2003	<1	<1	<1	14.0	13.0	13.0	82	79	80	35	32	33	1045	828	873	1,276	76	70	73	29	29	29	0	0	0	0.000				
2/5/2003	<1	<1	<1	14.0	13.0	13.0	80	79	80	35	33	33	1016	825	879	1,241	75	72	73	29	29	29	0	0	0	0.000				
2/7/2003	<1	<1	<1	14.0	13.0	13.0	82	79	80	35	33	33	1052	832	874	1,269	78	71	74	29	29	29	0	0	0	0.000				
2/8/2003	<1	<1	<1	14.0	13.0	13.0	83	79	81	35	33	33	1017	834	871	1,265	79	72	75	29	29	29	0	0	0	0.000				
2/9/2003	<1	<1	<1	14.0	13.0	13.0	82	79	81	35	33	33	976	830	871	1,245	77	73	75	29	29	29	0	0	0	0.000				
2/10/2003	<1	<1	<1	14.0	13.0	13.0	80	77	78	35	33	33	1034	833	875	1,554	78	72	75	29	29	29	0	0	0	0.000				
2/11/2003	<1	<1	<1	14.0	13.0	13.0	77	74	76	36	33	35	1208	856	1080	1,554	78	73	76	29	29	29	0	0	0	0.000				
2/12/2003	<1	<1	<1	14.0	13.0	13.0	74	71	73	36	34	35	1218	915	1088	1,582	78	73	76	29	29	29	0	0	0	0.000				
2/13/2003	<1	<1	<1	14.0	13.0	12.0	75	69	72	36	30	35	1275	1032	1097	1,567	78	72	75	29	29	29	0	0	0	0.000				
2/14/2003	<1	<1	<1	14.0	13.0	13.0	78	74	76	36	34	35	1228	1035	1085	1,287	78	72	75	29	29	29	0	0	0	0.000				
2/16/2003	<1	<1	<1	14.0	13.0	13.0	77	74	76	35	32	33	1115	820	893	1,255	78	72	75	29	29	29	0	0	0	0.000				
2/16/2003	<1	<1	<1	14.0	13.0	13.0	77	74	75	35	32	33	1031	831	878	1,259	80	73	76	29	29	29	0	0	0	0.000				
2/17/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	36	32	33	1036	803	875	1,351	80	75	77	29	29	29	0	0	0	0.000				
2/18/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	36	32	33	1115	806	931	1,558	79	75	76	29	29	29	0	0	0	0.000				
2/19/2003	<1	<1	<1	14.0	13.0	13.0	77	73	75	36	34	35	1224	1034	1094	1,570	79	73	75	29	29	29	0	0	0	0.000				
2/20/2003	<1	<1	<1	14.0	13.0	13.0	77	74	75	36	34	35	1244	0	1087	1,280	81	74	76	29	29	29	0	0	0	0.000				
2/21/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	36	33	33	1178	780	888	1,252	81	76	77	29	29	29	0	0	0	0.000				
2/22/2003	<1	<1	<1	14.0	13.0	13.0	75	73	74	35	33	33	1065	815	873	1,256	81	76	78	29	29	29	0	0	0	0.000				
2/23/2003	<1	<1	<1	14.0	13.0	13.0	74	73	73	35	33	33	1022	825	869	1,266	81	77	78	29	29	29	0	0	0	0.000				
2/24/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	35	33	33	1028	803	874	1,334	80	75	77	29	29	29	0	0	0	0.000				
2/25/2003	<1	<1	<1	14.0	13.0	13.0	76	74	75	37	33	33	1198	821	927	1,356	80	74	77	29	29	29	0	0	0	0.000				
2/26/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	43	27	35	1745	0	928	1,336	81	76	78	29	29	29	0	0	0	0.000				
2/27/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	42	28	34	1810	0	933	1,238	83	76	78	29	29	29	0	0	0	0.000				
2/28/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	35	32	33	1038	799	870	1,257	83	76	78	29	29	29	0	0	0	0.000				
3/1/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	35	32	33	1072	804	872	1,249	83	77	79	29	29	29	0	0	0	0				
3/2/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	35	32	33	1044	759	871	1,252	82	77	79	29	29	29	0	0	0	0				
3/3/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	35	32	33	1087	810	868	1,383	83	78	80	29	29	29	0	0	0	0				
3/4/2003	<1	<1	<1	14.0	13.0	13.0	77	74	74	36	31	34	1197	570	958	1,546	83	78	80	29	29	29	0	0	0	0				
3/4/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	36	31	35	1246	0	1074	0.892	84	79	81	29	29	29	967	0	1023	0.638				

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPD)				IW-1 Total (GPD)			IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPD)				IW-2 Total (GPD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
3/6/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	44	28	34	0	0	0	0.000	88	79	82	37	29	31	1342	0	418	1.381				
3/7/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	32	32	32	0	0	0	0.000	87	80	83	35	31	33	1289	0	960	1.307				
3/8/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	31	31	31	0	0	0	0.000	87	80	83	34	32	33	1061	844	907	1.563				
3/10/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	31	30	31	0	0	0	0.000	87	78	82	35	31	33	1273	858	1078	1.578				
3/11/2003	<1	<1	<1	14.0	13.0	13.0	75	73	73	30	30	30	0	0	0	0.000	79	72	76	35	33	33	1277	1036	1098	1.592				
3/12/2003	<1	<1	<1	14.0	13.0	13.0	75	73	73	30	30	30	0	0	0	0.000	74	68	70	35	33	33	1245	1059	1104	1.499				
3/13/2003	<1	<1	<1	14.0	13.0	12.0	75	72	73	37	28	31	0	0	0	0.000	72	67	69	35	32	33	1273	733	1044	1.32				
3/14/2003	<1	<1	<1	14.0	13.0	13.0	74	72	72	32	32	32	0	0	0	0.000	69	64	66	38	27	33	1580	0	904	1.576				
3/15/2003	<1	<1	<1	14.0	13.0	13.0	74	72	72	32	32	32	0	0	0	0.000	69	64	66	35	33	34	1270	1032	1097	1.588				
3/16/2003	<1	<1	<1	14.0	13.0	13.0	73	71	72	32	32	32	0	0	0	0.000	70	64	66	35	33	34	1252	1040	1097	1.409				
3/17/2003	<1	<1	<1	13.0	13.0	13.0	73	71	72	32	31	32	0	0	0	0.000	70	64	66	41	0	33	2082	0	982	1.108				
3/18/2003	<1	<1	<1	13.0	13.0	13.0	74	70	73	32	31	32	0	0	0	0.000	69	64	66	34	22	32	1031	0	796	1.032				
3/20/2003	<1	<1	<1	13.0	13.0	13.0	74	72	73	32	31	32	0	0	0	0.000	71	64	66	45	22	32	2810	0	689	1.503				
3/21/2003	<1	<1	<1	13.0	13.0	13.0	74	72	73	32	31	32	0	0	0	0.000	64	58	62	34	32	33	1237	852	1053	1.093				
3/22/2003	<1	<1	<1	13.0	13.0	13.0	74	72	73	32	31	32	0	0	0	0.000	59	54	57	40	28	32	1884	48	751	1.222				
3/23/2003	<1	<1	<1	13.0	13.0	13.0	75	73	74	32	31	32	0	0	0	0.000	56	52	54	34	31	32	1058	683	850	1.246				
3/24/2003	<1	<1	<1	13.0	13.0	13.0	76	74	75	31	31	31	0	0	0	0.000	54	50	52	39	23	32	1744	0	854	1.251				
3/25/2003	<1	<1	<1	13.0	13.0	13.0	74	71	73	31	31	31	0	0	0	0.000	52	48	49	35	31	32	1090	780	879	1.262				
3/28/2003	<1	<1	<1	13.0	13.0	13.0	72	69	70	31	31	31	0	0	0	0.000	50	47	48	34	31	32	1097	835	877	1.243				
3/29/2003	<1	<1	<1	13.0	13.0	13.0	69	67	68	31	31	31	0	0	0	0.000	50	46	47	34	28	32	1345	501	830	1.065				
3/29/2003	<1	<1	<1	13.0	13.0	13.0	67	64	66	31	31	31	0	0	0	0.000	72	65	69	34	31	32	922	674	763	1.263				
3/30/2003	<1	<1	<1	13.0	13.0	13.0	66	63	64	31	31	31	0	0	0	0.000	70	65	68	42	30	32	2225	200	760	1.203				
3/31/2003	<1	<1	<1	13.0	13.0	13.0	64	61	62	31	31	31	0	0	0	0.000	68	63	65	34	31	32	1085	663	835	1.297				
4/1/2003	<1	<1	<1	13.0	13.0	13.0	58	55	56	31	30	31	0	0	0	0.000	64	59	62	34	31	32	1071	828	895	1.29				
4/2/2003	<1	<1	<1	13.0	13.0	13.0	82	54	66	30	30	30	0	0	0	0.000	60	58	59	34	31	32	1073	828	896	1.098				
4/3/2003	<1	<1	<1	14.0	13.0	13.0	83	81	82	30	30	30	0	0	0	0.000	70	66	68	33	29	32	991	662	756	1.058				
4/4/2003	<1	<1	<1	14.0	13.0	13.0	81	79	80	30	30	30	0	0	0	0.000	68	65	66	34	30	32	1098	656	868	1.107				
4/5/2003	<1	<1	<1	14.0	13.0	13.0	79	76	78	30	30	30	0	0	0	0.000	67	63	65	34	30	32	1047	606	775	1.082				
4/6/2003	<1	<1	<1	14.0	13.0	13.0	76	74	75	30	30	30	0	0	0	0.000	66	63	64	33	30	32	907	651	740	1.103				
4/8/2003	<1	<1	<1	14.0	13.0	13.0	72	69	71	30	30	30	0	0	0	0.000	64	62	63	45	28	32	2332	0	805	1.287				
4/9/2003	<1	<1	<1	14.0	13.0	13.0	69	67	69	30	30	30	0	0	0	0.000	64	61	62	34	31	32	1051	822	891	1.127				
4/10/2003	<1	<1	<1	14.0	13.0	12.0	68	65	66	30	28	30	0	0	0	0.000	63	60	62	34	30	32	1045	531	776	0.929				
4/11/2003	<1	<1	<1	14.0	13.0	13.0	65	61	63	30	29	30	0	0	0	0.000	62	60	61	32	29	31	828	578	644	1.086				
4/12/2003	<1	<1	<1	14.0	13.0	13.0	62	60	61	30	29	30	0	0	0	0.000	61	58	60	34	30	32	1039	535	758	1.302				
4/13/2003	<1	<1	<1	14.0	13.0	13.0	60	58	59	30	29	30	0	0	0	0.000	61	58	59	33	31	32	1033	845	899	1.108				
4/14/2003	<1	<1	<1	14.0	13.0	13.0	59	56	57	30	29	30	0	0	0	0.000	61	58	59	33	31	32	952	664	760	1.216				
4/15/2003	<1	<1	<1	14.0	13.0	13.0	56	54	56	29	29	29	0	0	0	0.000	61	58	59	33	31	32	1040	690	857	1.300				
4/16/2003	<1	<1	<1	14.0	13.0	13.0	55	53	54	29	29	29	0	0	0	0.000	60	58	59	33	31	32	1056	821	895	1.281				
4/17/2003	<1	<1	<1	14.0	13.0	13.0	53	51	52	29	29	29	0	0	0	0.000	60	58	59	33	31	32	1073	816	897	1.298				
4/18/2003	<1	<1	<1	14.0	13.0	13.0	52	50	51	29	29	29	0	0	0	0.000	60	58	59	33	31	32	1040	843	896	1.242				
4/19/2003	<1	<1	<1	14.0	13.0	13.0	50	48	49	29	29	29	0	0	0	0.000	61	58	59	34	31	32	1042	694	854	1.094				
4/20/2003	<1	<1	<1	14.0	13.0	13.0	48	46	47	29	29	29	0	0	0	0.000	61	58	59	34	31	32	931	690	754	1.283				
4/21/2003	<1	<1	<1	14.0	13.0	13.0	46	45	46	29	29	29	0	0	0	0.000	60	58	58	34	29	32	1075	402	886	1.260				
4/22/2003	<1	<1	<1	14.0	13.0	13.0	45	43	44	29	29	29	0	0	0	0.000	60	58	58	34	30	32	1073	491	881	1.281				
4/23/2003	<1	<1	<1	14.0	13.0	13.0	44	42	43	29	29	29	0	0	0	0.000	60	57	58	34	31	32	1078	836	896	1.164				
4/24/2003	<1	<1	<1	14.0	13.0	13.0	42	40	42	29	29	29	0	0	0	0.000	60	57	58	34	31	32	1087	614	800	1.091				
4/25/2003	<1	<1	<1	14.0	13.0	13.0	41	40	40	29	29	29	0	0	0	0.000	60	57	58	39	27	33	1141	579	755	1.327				
4/26/2003	<1	<1	<1	14.0	13.0	13.0	41	40	40	29	29	29	0	0	0	0.000	60	57	58	39	27	33	1781	29	926	1.291				

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
1/23/2003	<1	<1	<1	14.0	13.0	13.0	55	40	47	29	29	29	0	0	0	0.000	60	57	58	35	32	32	1055	852	893	1.164
1/27/2003	<1	<1	<1	14.0	13.0	13.0	53	41	51	29	29	29	0	0	0	0.000	58	57	57	43	0	32	2314	0	817	1.308
1/28/2003	<1	<1	<1	14.0	13.0	13.0	51	49	50	29	29	29	0	0	0	0.000	60	57	58	34	32	32	1091	842	902	1.233
1/29/2003	<1	<1	<1	14.0	13.0	13.0	49	47	48	29	29	29	0	0	0	0.000	60	57	58	34	30	32	1102	675	849	1.069
1/30/2003	<1	<1	<1	14.0	13.0	13.0	48	46	47	29	29	29	0	0	0	0.000	60	57	58	34	31	32	938	675	739	1.070
1/31/2003	<1	<1	<1	14.0	13.0	13.0	46	44	45	29	29	29	0	0	0	0.00	58	57	57	34	30	32	955	686	737	1.07
1/2/2003	<1	<1	<1	14.0	13.0	13.0	76	43	55	29	29	29	0	0	0	0.00	68	57	61	34	30	32	916	531	739	1.07
1/3/2003	<1	<1	<1	14.0	13.0	13.0	74	71	73	29	29	29	0	0	0	0.00	68	65	66	35	30	32	974	564	743	1.08
1/4/2003	<1	<1	<1	14.0	13.0	13.0	72	69	71	29	29	29	0	0	0	0.00	67	65	65	35	30	32	967	597	744	1.29
1/5/2003	<1	<1	<1	14.0	13.0	13.0	70	67	68	29	29	29	0	0	0	0.00	67	64	65	34	30	32	1127	678	899	1.26
1/6/2003	<1	<1	<1	14.0	13.0	13.0	67	64	66	29	29	29	0	0	0	0.00	66	64	65	34	31	32	1141	644	867	1.01
1/7/2003	<1	<1	<1	14.0	13.0	13.0	64	62	64	29	29	29	0	0	0	0.00	65	63	64	35	31	32	940	620	699	1.35
1/8/2003	<1	<1	<1	14.0	13.0	13.0	62	60	61	29	29	29	0	0	0	0.00	65	63	64	34	30	32	1143	650	938	1.06
1/9/2003	<1	<1	<1	14.0	13.0	13.0	60	58	59	29	29	29	0	0	0	0.00	65	63	64	34	29	32	1204	146	742	1.36
1/10/2003	<1	<1	<1	14.0	13.0	13.0	71	0	65	29	29	29	0	0	0	0.00	72	66	67	35	28	32	1478	0	940	1.21
1/11/2003	<1	<1	<1	14.0	13.0	13.0	69	67	68	29	29	29	0	0	0	0.00	71	68	69	42	24	32	1820	0	822	1.43
1/12/2003	<1	<1	<1	14.0	13.0	13.0	67	65	66	29	29	29	0	0	0	0.00	71	68	69	34	32	32	1205	0	996	1.57
1/13/2003	<1	<1	<1	14.0	13.0	13.0	65	62	64	29	29	29	0	0	0	0.00	70	67	68	35	32	33	1358	914	1095	1.13
1/14/2003	<1	<1	<1	14.0	13.0	13.0	70	61	65	29	29	29	0	0	0	0.00	70	66	68	43	17	32	2364	0	767	1.61
1/15/2003	<1	<1	<1	14.0	13.0	12.0	70	66	68	29	28	29	0	0	0	0.00	68	66	67	44	25	34	2340	0	1137	1.40
1/16/2003	<1	<1	<1	14.0	13.0	13.0	68	65	66	29	29	29	0	0	0	0.00	68	66	67	35	30	33	1314	734	958	1.24
1/17/2003	<1	<1	<1	14.0	13.0	13.0	65	63	64	29	29	29	0	0	0	0.00	68	65	67	33	31	32	999	749	811	1.09
1/18/2003	<1	<1	<1	14.0	13.0	13.0	70	61	65	29	29	29	0	0	0	0.00	68	65	66	33	31	32	1060	751	807	1.18
1/19/2003	<1	<1	<1	14.0	13.0	13.0	67	65	66	29	29	29	0	0	0	0.00	68	65	66	33	30	32	1009	756	817	1.39
1/20/2003	<1	<1	<1	14.0	13.0	13.0	65	63	64	29	29	29	0	0	0	0.00	67	65	66	34	31	32	1151	915	964	1.31
1/21/2003	<1	<1	<1	14.0	13.0	13.0	63	60	62	29	29	29	0	0	0	0.00	67	65	66	34	31	32	1152	754	901	1.26
1/22/2003	<1	<1	<1	14.0	13.0	13.0	60	58	60	29	29	29	0	0	0	0.00	67	65	66	34	31	32	1184	752	879	1.29
1/23/2003	<1	<1	<1	14.0	13.0	13.0	58	55	57	29	29	29	0	0	0	0.00	66	64	64	40	25	33	2003	0	895	1.42
1/24/2003	<1	<1	<1	14.0	13.0	13.0	70	55	61	29	29	29	0	0	0	0.00	70	64	66	35	28	33	1176	256	979	1.07
1/25/2003	<1	<1	<1	14.0	13.0	13.0	68	65	67	29	29	29	0	0	0	0.00	70	68	68	33	30	32	946	649	741	1.07
1/26/2003	<1	<1	<1	14.0	13.0	13.0	66	63	65	29	29	29	0	0	0	0.00	70	68	68	33	28	32	943	180	740	1.07
1/27/2003	<1	<1	<1	14.0	13.0	13.0	63	61	63	29	29	29	0	0	0	0.00	69	68	68	33	31	32	962	649	740	1.07
1/28/2003	<1	<1	<1	14.0	13.0	13.0	66	60	62	29	29	29	0	0	0	0.00	69	67	68	33	31	32	968	676	742	1.07
1/29/2003	<1	<1	<1	14.0	13.0	13.0	64	61	63	29	29	29	0	0	0	0.00	69	67	68	33	31	32	968	681	743	1.11
1/30/2003	<1	<1	<1	14.0	13.0	13.0	62	59	60	29	29	29	0	0	0	0.00	68	67	67	46	26	32	2642	0	776	1.33
1/31/2003	<1	<1	<1	14.0	13.0	13.0	73	58	65	29	29	29	0	0	0	0.00	71	66	69	34	31	32	1214	753	911	1.17
1/1/2003	<1	<1	<1	14.0	13.0	13.0	70	68	69	29	29	29	0	0	0	0.000	71	68	70	34	30	32	1017	654	808	1.399
1/2/2003	<1	<1	<1	14.0	13.0	13.0	68	65	67	29	29	29	0	0	0	0.000	71	68	70	35	32	32	1181	775	980	1.365
1/3/2003	<1	<1	<1	14.0	13.0	13.0	66	63	65	29	29	29	0	0	0	0.000	71	68	69	40	27	33	1307	0	943	1.160
1/4/2003	<1	<1	<1	14.0	13.0	13.0	63	61	62	29	29	29	0	0	0	0.000	70	68	69	34	31	32	1047	680	799	1.071
1/5/2003	<1	<1	<1	14.0	13.0	13.0	68	60	64	29	29	29	0	0	0	0.000	70	68	69	39	23	32	1386	0	747	0.842
1/6/2003	<1	<1	<1	14.0	13.0	13.0	67	63	65	29	29	29	0	0	0	0.000	71	67	69	33	29	31	1022	258	573	0.599
1/7/2003	<1	<1	<1	14.0	13.0	13.0	64	61	63	29	29	29	0	0	0	0.000	70	67	69	33	30	31	600	292	414	1.171
1/8/2003	<1	<1	<1	14.0	13.0	13.0	70	60	65	29	29	29	0	0	0	0.000	69	67	68	33	29	32	1069	382	816	1.306
1/9/2003	<1	<1	<1	14.0	13.0	13.0	69	66	67	29	29	29	0	0	0	0.000	70	67	68	33	31	32	1074	792	911	1.457
1/10/2003	<1	<1	<1	14.0	13.0	13.0	67	63	65	29	29	29	0	0	0	0.000	70	67	68	34	32	33	1203	897	1007	1.122
1/11/2003	<1	<1	<1	14.0	13.0	13.0	69	62	66	29	29	29	0	0	0	0.000	69	67	68	40	23	32	1615	0	778	1.105
1/12/2003	<1	<1	<1	14.0	13.0	12.0	67	64	66	29	27	29	987	0	758	0.508	69	67	68	35	24	32	982	650	761	0.820
1/13/2003	<1	<1	<1	13.0	13.0	13.0	65	63	64	48	28	31	1940	0	362	1.262	68	66	67	38	29	32	0	0	0	0.000
1/14/2003	<1	<1	<1	13.0	13.0	13.0	63	61	62	35	33	34	1049	828	876	1.253	68	66	67	32	32	32	0	0	0	0.000
1/15/2003	<1	<1	<1	13.0	13.0	13.0	72	60	66	35	33	34	1003	785	870	1.218	68	66	67	32	32	32	0	0	0	0.000

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total
6/16/2003	<1	<1	<1	13.0	13.0	13.0	69	66	67	35	32	33	1014	0	851	0.997	68	66	66	32	32	32	0	0	0	0.000
6/17/2003	<1	<1	<1	14.0	13.0	13.0	67	64	65	34	25	32	3002	0	663	1.301	68	66	66	32	32	32	0	0	0	0.000
6/18/2003	<1	<1	<1	14.0	13.0	13.0	71	63	66	36	32	34	1127	719	933	1.077	68	66	66	32	32	32	0	0	0	0.000
6/19/2003	<1	<1	<1	14.0	13.0	13.0	68	66	67	41	29	34	1574	0	747	1.405	69	66	66	38	27	31	0	0	0	0.000
6/20/2003	<1	<1	<1	14.0	13.0	13.0	71	65	67	36	33	34	1117	886	979	1.245	69	66	66	30	30	30	0	0	0	0.000
6/21/2003	<1	<1	<1	14.0	13.0	13.0	69	65	67	36	31	34	1120	622	859	1.025	69	66	66	30	30	30	0	0	0	0.000
6/22/2003	<1	<1	<1	14.0	13.0	13.0	66	63	65	34	30	32	895	622	713	1.183	68	66	66	30	30	30	0	0	0	0.000
6/23/2003	<1	<1	<1	14.0	13.0	13.0	63	61	62	36	31	33	1151	628	822	1.386	68	66	66	30	30	30	0	0	0	0.000
6/24/2003	<1	<1	<1	14.0	13.0	13.0	61	58	60	36	22	34	1116	0	968	1.170	67	66	66	30	30	30	0	0	0	0.000
6/25/2003	<1	<1	<1	14.0	13.0	13.0	59	57	58	35	31	33	1091	0	807	1.340	67	66	66	30	30	30	0	0	0	0.000
6/26/2003	<1	<1	<1	14.0	13.0	13.0	69	56	64	35	32	34	1125	726	932	1.373	68	66	67	30	30	30	0	0	0	0.000
6/27/2003	<1	<1	<1	14.0	13.0	13.0	67	64	66	36	33	34	1118	869	954	1.155	68	66	67	30	30	30	0	0	0	0.000
6/28/2003	<1	<1	<1	14.0	13.0	13.0	65	62	64	36	32	33	1007	693	800	1.123	68	66	67	30	30	30	0	0	0	0.000
6/29/2003	<1	<1	<1	14.0	13.0	13.0	62	60	61	34	32	33	965	671	780	1.304	68	66	67	30	30	30	0	0	0	0.000
6/30/2003	<1	<1	<1	14.0	13.0	13.0	60	58	59	36	25	34	1105	486	914	1.374	68	66	67	30	30	30	0	0	0	0.000
7/1/2003	<1	<1	<1	14.0	13.0	13.0	58	56	57	36	33	34	1089	921	955	1.52	68	66	67	30	30	30	0	0	0	0.000
7/2/2003	<1	<1	<1	14.0	13.0	13.0	56	54	55	36	33	34	1143	917	954	1.41	68	66	66	30	30	30	0	0	0	0.00
7/3/2003	<1	<1	<1	14.0	13.0	13.0	58	52	54	36	34	34	1114	907	957	1.13	68	66	66	30	30	30	0	0	0	0.00
7/4/2003	<1	<1	<1	14.0	13.0	13.0	68	51	58	38	32	33	1139	696	786	1.58	69	66	66	30	30	30	0	0	0	0.00
7/5/2003	<1	<1	<1	14.0	13.0	13.0	66	54	57	37	32	29	1109	0	544	1.12	69	65	67	30	30	30	0	0	0	0.00
7/6/2003	<1	<1	<1	14.0	13.0	13.0	68	62	60	37	32	30	1109	658	650	1.25	68	65	66	30	30	30	0	0	0	0.00
7/7/2003	<1	<1	<1	14.0	13.0	13.0	67	64	66	36	32	30	1100	697	623	1.45	68	64	67	30	30	30	0	0	0	0.00
7/8/2003	<1	<1	<1	14.0	13.0	13.0	59	52	55	36	32	30	1108	895	560	1.44	67	64	64	30	30	30	0	0	0	0.00
7/9/2003	<1	<1	<1	14.0	13.0	14.0	57	55	56	37	29	34	1135	907	953	1.42	68	66	66	30	29	30	0	0	0	0.00
7/10/2003	<1	<1	<1	14.0	13.0	14.0	55	53	54	36	31	34	1080	0	940	1.37	68	66	67	30	29	30	0	0	0	0.00
7/11/2003	<1	<1	<1	14.0	13.0	14.0	53	51	52	36	31	34	1134	927	954	1.39	68	66	67	30	29	30	0	0	0	0.00
7/12/2003	<1	<1	<1	14.0	14.0	14.0	51	49	50	35	34	34	1097	0	956	1.38	69	66	67	30	29	30	0	0	0	0.00
7/13/2003	<1	<1	<1	14.0	14.0	14.0	56	47	51	35	33	34	1102	0	953	1.44	69	66	67	30	29	30	0	0	0	0.00
7/14/2003	<1	<1	<1	14.0	14.0	14.0	67	46	55	35	30	34	1115	421	953	1.43	69	66	67	30	29	30	0	0	0	0.00
7/15/2003	<1	<1	<1	14.0	14.0	13.0	66	61	63	36	34	34	1101	921	953	1.46	69	66	67	30	29	30	0	0	0	0.00
7/16/2003	<1	<1	<1	14.0	13.0	13.0	67	61	64	35	34	30	1102	908	851	1.40	69	65	68	30	29	29	0	0	0	0.00
7/17/2003	<1	<1	<1	13.0	13.0	13.0	65	63	63	35	34	30	1002	861	823	1.40	68	66	66	30	29	29	0	0	0	0.00
7/18/2003	<1	<1	<1	13.0	13.0	13.0	66	65	65	35	34	31	856	0	457	0.93	69	65	67	30	29	29	456	382	251	0.41
7/19/2003	<1	<1	<1	13.0	13.0	13.0	67	64	65	35	34	32	0	0	0	0.00	69	65	66	30	29	29	1131	0	287	1.12
7/20/2003	<1	<1	<1	13.0	13.0	13.0	68	63	64	36	31	34	0	0	0	0.00	69	67	68	44	29	30	1967	0	776	1.31
7/21/2003	<1	<1	<1	13.0	13.0	13.0	68	63	64	35	34	34	0	0	0	0.00	69	67	68	36	28	30	1201	0	886	1.31
7/22/2003	<1	<1	<1	13.0	13.0	13.0	68	63	65	35	33	34	0	0	0	0.00	69	67	68	36	30	33	1136	0	942	1.39
7/23/2003	<1	<1	<1	13.0	13.0	13.0	69	63	64	35	30	34	0	0	0	0.00	69	67	68	35	32	33	1130	905	951	1.38
7/24/2003	<1	<1	<1	14.0	13.0	13.0	67	62	65	35	34	32	0	0	0	0.00	69	67	68	36	31	30	1130	905	951	1.38
7/25/2003	<1	<1	<1	14.0	13.0	13.0	67	62	64	36	31	34	0	0	0	0.00	69	66	67	35	32	30	1143	907	955	1.34
7/26/2003	<1	<1	<1	14.0	13.0	13.0	67	62	64	35	34	34	0	0	0	0.00	69	66	67	37	30	30	1627	0	924	1.39
7/27/2003	<1	<1	<1	14.0	13.0	13.0	67	62	64	35	33	34	0	0	0	0.00	69	66	67	35	32	33	1145	911	963	1.44
7/28/2003	<1	<1	<1	14.0	13.0	13.0	67	62	63	35	30	34	0	0	0	0.00	69	66	67	44	28	33	1594	148	998	1.32
7/29/2003	<1	<1	<1	14.0	13.0	13.0	68	65	63	36	34	34	0	0	0	0.00	69	65	67	39	29	33	1527	0	908	1.24
7/30/2003	<1	<1	<1	14.0	13.0	13.0	68	62	64	35	34	34	0	0	0	0.00	69	65	67	34	30	33	1096	0	916	1.25
8/1/2003	1.0	1.0	1.0	14.0	13.0	13.0	66	61	63	30	30	30	0	0	0	0.00	69	66	67	41	26	33	1607	0	864	1.11
8/2/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	61	64	30	30	30	0	0	0	0.00	68	66	67	34	32	32	1064	616	774	1.31
8/3/2003	1.0	1.0	1.0	14.0	13.0	13.0	65	63	63	30	30	30	0	0	0	0.00	68	66	66	36	26	32	1069	779	905	1.31
8/4/2003	1.0	1.0	1.0	14.0	13.0	13.0	66	65	65	30	30	30	0	0	0	0.00	68	66	66	35	32	32	1247	872	908	1.31
8/5/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	64	65	30	30	30	0	0	0	0.00	69	66	66	34	32	32	1067	858	910	1.31

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (MG)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max		Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min		Avg
6/2/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	63	64	30	28	30	0	0	0	0.00	68	65	66	33	31	32	913	679	725	1.04			
6/3/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	63	64	30	30	30	0	0	0	0.00	68	64	67	33	31	32	928	680	726	1.32			
6/4/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	63	65	30	30	30	0	0	0	0.00	67	64	64	34	32	32	1106	883	914	1.32			
6/5/2003	1.0	1.0	1.0	14.0	13.0	13.0	69	63	64	30	30	30	0	0	0	0.00	68	66	66	34	32	32	1067	874	911	1.30			
6/6/2003	1.0	1.0	1.0	14.0	13.0	13.0	69	63	64	30	30	30	0	0	0	0.00	68	66	67	34	32	32	1075	873	911	1.33			
6/7/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	65	30	30	30	0	0	0	0.00	68	66	67	34	32	32	1099	872	912	1.23			
6/8/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	37	28	32	1773	0	848	0.91			
6/9/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	35	30	32	924	218	624	1.30			
6/14/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	35	26	32	1067	579	911	1.32			
6/15/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	63	30	30	30	0	0	0	0.00	69	66	67	34	32	32	1069	0	911	1.27			
6/16/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	65	63	30	30	30	0	0	0	0.00	69	65	68	36	27	32	1620	45	878	1.32			
6/17/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	62	64	30	30	30	0	0	0	0.00	68	66	66	34	32	32	1065	862	912	1.31			
6/18/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	65	67	34	32	32	1079	872	909	1.31			
6/19/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	65	66	35	31	32	1101	872	910	1.32			
6/20/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	62	64	30	30	30	0	0	0	0.00	69	67	68	35	32	32	1107	883	914	1.14			
6/21/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	62	64	30	30	30	0	0	0	0.00	69	67	68	34	29	32	1069	147	791	1.29			
6/22/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	63	65	30	28	30	0	0	0	0.00	69	67	68	34	32	32	1088	640	890	1.31			
6/23/2003	1.0	1.0	1.0	14.0	13.0	13.0	69	63	64	30	30	30	0	0	0	0.00	69	67	68	34	32	33	1099	869	910	1.30			
6/24/2003	1.0	1.0	1.0	14.0	13.0	13.0	69	63	64	30	30	30	0	0	0	0.00	69	67	68	35	26	33	1093	96	907	1.32			
6/25/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	65	30	30	30	0	0	0	0.00	69	66	67	34	32	33	1083	863	911	1.31			
6/26/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	35	30	33	1614	48	903	1.29			
6/27/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	34	28	33	1251	0	903	1.32			
6/28/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	34	32	33	1075	871	914	1.17			
6/29/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	63	30	30	30	0	0	0	0.00	68	66	67	35	27	33	2048	0	806	1.32			
6/30/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	62	64	30	30	30	0	0	0	0.00	69	65	67	34	32	33	1067	869	913	1.31			
7/1/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	62	64	30	30	30	0	0	0	0.00	69	66	67	34	32	33	1043	873	910	1.30			
7/2/2003	2.0	1.0	1.0	14.0	13.0	13.0	57	56	56	30	30	30	0	0	0	0.000	56	53	55	34	32	33	1085	874	909	1.325			
7/3/2003	2.0	1.0	1.0	14.0	13.0	13.0	56	55	55	30	30	30	0	0	0	0.000	56	53	55	34	32	33	1065	891	909	1.314			
7/4/2003	2.0	1.0	1.0	14.0	13.0	13.0	55	55	55	30	30	30	0	0	0	0.000	57	54	55	35	32	33	1063	846	911	1.300			
7/5/2003	2.0	2.0	2.0	14.0	13.0	13.0	52	51	51	30	30	30	0	0	0	0.000	57	54	55	34	32	33	1064	882	907	1.317			
7/6/2003	2.0	2.0	2.0	14.0	13.0	13.0	51	50	50	30	30	30	0	0	0	0.000	57	54	55	34	32	33	1034	885	907	1.310			
7/7/2003	2.0	2.0	2.0	14.0	14.0	14.0	52	50	51	30	30	30	0	0	0	0.000	56	51	54	34	32	33	1098	866	910	1.020			
7/8/2003	2.0	2.0	2.0	14.0	14.0	14.0	52	50	51	30	30	30	0	0	0	0.000	55	53	54	37	30	32	1183	407	707	1.314			
7/9/2003	2.0	2.0	2.0	14.0	14.0	14.0	58	55	56	30	30	30	0	0	0	0.000	56	53	55	34	32	33	1101	869	907	1.311			
7/10/2003	2.0	2.0	2.0	14.0	14.0	14.0	55	53	53	30	30	30	0	0	0	0.000	56	53	55	34	32	33	1033	0	907	1.307			
7/11/2003	2.0	2.0	2.0	14.0	14.0	14.0	52	52	52	30	30	30	0	0	0	0.000	56	54	55	34	32	33	1062	861	910	1.261			
7/12/2003	2.0	2.0	2.0	14.0	14.0	14.0	55	52	54	35	29	30	0	0	0	0.000	57	54	56	37	30	33	1476	0	871	1.331			
7/13/2003	2.0	1.0	1.0	14.0	13.0	13.0	57	50	55	31	31	30	0	0	0	0.000	57	54	56	34	31	33	1076	869	927	1.314			
7/14/2003	2.0	1.0	1.0	14.0	13.0	13.0	52	50	51	31	31	30	0	0	0	0.000	57	54	55	34	32	33	1059	867	906	1.304			
7/15/2003	2.0	1.0	1.0	14.0	13.0	13.0	58	55	56	31	31	30	0	0	0	0.000	56	54	55	34	32	33	954	874	906	1.317			
7/16/2003	2.0	2.0	2.0	14.0	13.0	13.0	57	57	57	31	31	30	0	0	0	0.000	56	54	55	34	32	33	1058	860	905	1.298			
7/17/2003	2.0	2.0	2.0	14.0	13.0	13.0	58	57	57	31	31	30	0	0	0	0.000	57	54	55	34	32	33	1080	852	904	1.290			
7/18/2003	2.0	2.0	2.0	14.0	13.0	13.0	56	54	54	31	31	30	0	0	0	0.000	57	54	56	34	32	33	1061	726	895	1.291			
7/19/2003	2.0	2.0	2.0	14.0	13.0	13.0	54	50	52	31	31	30	0	0	0	0.000	57	54	55	36	32	33	1161	744	897	1.318			
7/20/2003	2.0	2.0	2.0	14.0	13.0	13.0	51	49	50	31	31	30	0	0	0	0.000	57	53	55	34	32	33	1075	861	910	1.295			
7/21/2003	2.0	2.0	2.0	14.0	13.0	13.0	58	54	56	31	31	30	0	0	0	0.000	57	53	55	34	25	33	1141	48	903	1.323			
7/22/2003	2.0	2.0	2.0	14.0	13.0	13.0	55	52	53	31	31	30	0	0	0	0.000	57	54	55	34	33	33	1075	858	908	1.310			
7/23/2003	2.0	2.0	2.0	14.0	13.0	13.0	54	51	52	31	31	30	0	0	0	0.000	56	54	55	33	33	33	965	866	907	1.309			
7/23/2003	2.0	1.0	1.0	14.0	13.0	13.0	58	56	56	31	31	30	0	0	0	0.000	56	54	55	35	33	33	1061	814	908	1.267			
7/24/2003	2.0	1.0	1.0	14.0	13.0	13.0	58	53	55	35	31	32	1102	0	472	1.211	56	54	55	35	26	32	0	0	0	0.000			
7/25/2003	2.0	1.0	1.0	14.0	13.0	13.0	54	50	52	36	27	33	1511	0	845	1.272	56	54	55	37	29	31	0	0	0	0.000			

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-3 Daily Flow Rate (GPM)				IW-3 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Min		Max	Avg	Max	Min	Avg	Max	Min	Avg	Min	Max	
02/26/2003	2.0	2.0	2.0	14.0	13.0	13.0	51	49	50	35	33	33	1054	842	884	1,256	56	54	54	31	31	31	0	0	0	0	0.000	
02/27/2003	2.0	2.0	2.0	14.0	13.0	13.0	56	54	55	38	28	33	1175	0	873	1,272	55	53	54	31	31	31	0	0	0	0	0.000	
02/28/2003	2.0	2.0	2.0	14.0	13.0	13.0	57	53	54	35	33	33	1062	838	881	1,276	55	53	54	31	31	31	0	0	0	0	0.000	
02/29/2003	2.0	2.0	2.0	14.0	14.0	13.0	55	52	52	35	33	33	1053	836	881	1,261	55	53	54	31	31	31	0	0	0	0	0.000	
03/03/2003	2.0	2.0	2.0	14.0	14.0	13.0	52	50	51	35	33	33	1025	839	881	1,253	54	53	53	30	30	30	0	0	0	0	0.000	
10/1/2003	0.9	0.4	0.9	14.0	14.0	13.0	51	49	49	41	26	33	1718	0	871	1,173	56	53	53	30	30	30	0	0	0	0	0.000	
10/2/2003	0.9	0.8	0.8	14.0	14.0	13.0	52	51	51	37	31	33	1028	384	819	1,185	56	53	53	30	30	30	0	0	0	0	0.000	
10/3/2003	0.9	0.8	0.8	14.0	14.0	14.0	51	48	49	36	30	33	1111	690	831	1,284	56	53	54	30	30	30	0	0	0	0	0.000	
10/4/2003	0.9	0.8	0.8	14.0	14.0	14.0	48	46	46	35	33	33	1012	839	882	1,262	56	53	54	30	30	30	0	0	0	0	0.000	
10/5/2003	0.9	0.8	0.8	14.0	14.0	14.0	45	42	44	35	33	33	1020	833	879	1,271	55	53	54	30	30	30	0	0	0	0	0.000	
10/6/2003	0.8	0.8	0.8	14.0	14.0	14.0	43	41	42	34	33	33	928	833	878	1,270	54	53	54	30	30	30	0	0	0	0	0.000	
10/7/2003	0.8	0.8	0.8	14.0	14.0	14.0	43	40	41	36	33	33	1066	833	882	1,259	54	53	54	30	30	30	0	0	0	0	0.000	
10/8/2003	0.8	0.4	0.6	14.0	13.0	14.0	50	47	49	35	33	34	1033	837	880	1,138	55	53	54	30	30	30	0	0	0	0	0.000	
10/9/2003	0.7	0.4	0.4	13.0	13.0	12.0	50	50	50	42	29	34	1662	0	790	1,275	55	53	54	30	30	30	0	0	0	0	0.000	
10/10/2003	0.5	0.4	0.4	13.0	13.0	13.0	50	47	49	36	33	34	1062	845	888	1,282	55	53	54	30	30	30	0	0	0	0	0.000	
10/11/2003	0.6	0.4	0.4	14.0	13.0	13.0	48	44	46	36	33	34	1053	838	887	1,267	55	53	54	30	30	30	0	0	0	0	0.000	
10/12/2003	0.5	0.4	0.4	14.0	13.0	13.0	46	42	43	35	33	34	1052	839	883	1,289	55	53	54	30	30	30	0	0	0	0	0.000	
10/13/2003	0.5	0.4	0.4	14.0	13.0	13.0	43	41	42	42	32	34	1771	0	511	1,387	55	54	54	31	31	31	0	0	0	0	0.000	
10/14/2003	0.5	0.4	0.4	14.0	13.0	13.0	41	39	40	35	32	34	1038	0	957	1,314	55	54	53	31	31	31	0	0	0	0	0.000	
10/15/2003	0.5	0.4	0.4	14.0	13.0	13.0	51	48	50	35	33	34	1032	854	925	1,264	55	52	53	31	30	30	0	0	0	0	0.000	
10/16/2003	0.5	0.4	0.4	14.0	13.0	13.0	50	46	47	34	28	34	1002	308	880	1,199	55	52	53	31	30	30	0	0	0	0	0.000	
10/17/2003	1.1	0.4	0.4	14.0	13.0	13.0	52	51	50	44	25	33	1747	0	835	1,362	54	52	53	31	30	30	0	0	0	0	0.000	
10/18/2003	0.6	0.4	0.4	14.0	13.0	13.0	51	47	49	40	32	33	1660	901	943	1,356	54	52	53	31	30	30	0	0	0	0	0.000	
10/19/2003	0.6	0.4	0.4	14.0	13.0	13.0	48	45	47	36	32	33	1072	867	941	1,344	54	52	53	31	30	30	0	0	0	0	0.000	
10/20/2003	0.6	0.4	0.4	14.0	13.0	13.0	46	42	44	35	33	33	1073	858	938	1,353	54	52	53	31	30	30	0	0	0	0	0.000	
10/21/2003	0.6	0.4	0.4	14.0	13.0	13.0	43	40	42	35	33	33	1080	839	936	1,355	54	52	53	31	30	30	0	0	0	0	0.000	
10/22/2003	0.6	0.4	0.4	14.0	13.0	13.0	48	42	45	35	33	33	1094	855	943	1,349	54	52	53	31	30	30	0	0	0	0	0.000	
10/23/2003	0.6	0.4	0.4	14.0	13.0	13.0	51	49	50	35	33	33	1003	861	939	1,355	54	52	53	31	30	30	0	0	0	0	0.000	
10/24/2003	0.6	0.4	0.4	14.0	13.0	13.0	52	47	49	35	33	33	1094	869	943	1,308	54	52	53	31	30	30	0	0	0	0	0.000	
10/25/2003	0.6	0.4	0.4	14.0	13.0	13.0	51	48	48	42	28	34	1769	0	905	1,352	54	52	53	31	30	30	0	0	0	0	0.000	
10/26/2003	0.6	0.4	0.4	13.0	13.0	13.0	52	49	51	36	33	34	1089	860	943	1,413	53	52	52	31	30	30	0	0	0	0	0.000	
10/27/2003	0.6	0.4	0.4	13.0	13.0	13.0	54	50	51	35	31	34	1101	210	936	1,358	53	52	52	31	30	30	0	0	0	0	0.000	
10/28/2003	0.6	0.4	0.4	13.0	13.0	13.0	48	45	46	38	29	34	1573	0	943	1,343	53	52	52	31	30	30	0	0	0	0	0.000	
10/29/2003	0.9	0.4	0.4	14.0	13.0	13.0	45	42	44	35	26	33	1091	0	813	1,066	53	52	52	31	30	30	0	0	0	0	0.000	
10/30/2003	0.9	0.4	0.4	14.0	13.0	13.0	47	45	46	36	32	33	1087	852	931	1,180	54	52	53	31	30	30	0	0	0	0	0.000	
11/1/2003	0.6	0.4	0.4	13.0	13.0	13.0	40	38	39	35	31	33	1040	614	805	1,355	53	51	52	31	30	30	0	0	0	0	0.000	
11/2/2003	0.6	0.4	0.4	13.0	13.0	13.0	44	41	43	35	33	34	1093	871	942	1,354	53	51	52	31	30	30	0	0	0	0	0.000	
11/3/2003	0.7	0.4	0.5	13.0	13.0	13.0	42	39	41	35	32	34	1079	871	942	1,289	53	51	52	31	30	30	0	0	0	0	0.000	
11/4/2003	0.7	0.4	0.5	13.0	13.0	13.0	42	39	41	35	32	34	1073	707	907	1,126	52	51	51	30	30	30	0	0	0	0	0.000	
11/5/2003	0.9	0.4	0.5	13.0	13.0	13.0	45	38	42	34	32	33	951	709	781	1,115	52	51	51	30	30	30	0	0	0	0	0.000	
11/6/2003	0.6	0.4	0.5	13.0	13.0	13.0	44	41	42	34	32	33	940	705	774	1,113	52	51	51	30	30	30	0	0	0	0	0.000	
11/7/2003	0.6	0.4	0.5	13.0	13.0	13.0	51	47	49	34	32	33	940	0	774	1,224	51	51	51	30	30	30	0	0	0	0	0.000	
11/8/2003	0.6	0.4	0.5	13.0	13.0	13.0	48	45	47	35	32	33	995	702	836	1,352	53	51	51	30	30	30	0	0	0	0	0.000	
11/9/2003	0.7	0.4	0.5	13.0	13.0	13.0	45	42	44	35	33	34	1078	874	941	1,196	53	51	51	30	30	30	0	0	0	0	0.000	
11/10/2003	0.7	0.4	0.5	13.0	13.0	13.0	43	40	41	35	33	34	1078	874	941	1,196	53	51	51	30	30	30	0	0	0	0	0.000	
11/11/2003	0.6	0.4	0.5	13.0	13.0	13.0	40	37	39	36	33	34	989	704	828	1,353	53	51	51	30	30	30	0	0	0	0	0.000	
11/12/2003	0.6	0.4	0.5	13.0	13.0	13.0	50	36	42	36	33	34	1077	0	940	1,339	53	50	51	30	30	30	0	0	0	0	0.000	
11/13/2003	0.6	0.4	0.4	13.0	13.0	11.0	48	44	46	36	33	34	1069	0	936	1,374	52	50	51	30	30	30	0	0	0	0	0.000	
11/14/2003	0.5	0.4	0.5	13.0	13.0	13.0	45	40	43	37	27	34	1215	0	856	1,350	52	50	51	30	30	30	0	0	0	0	0.000	
11/15/2003	0.5	0.5	0.5	14.0	13.0	13.0	51	47	49	35	34	34	1086	907	946	1,078	53	50	51	30	30	30	0	0	0	0	0.000	

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPD)				IW-1 Total (GPD)			IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPD)				IW-2 Total (GPD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Max	Min	Avg	Total
11/16/2003	0.5	0.5	0.5	14.0	13.0	13.0	48	44	46	34	31	33	943	440	760	1,240	53	51	51	30	30	30	0	0	0	0	0.00			
11/17/2003	0.5	0.5	0.5	14.0	13.0	13.0	45	42	44	36	32	33	1141	718	831	1,429	53	51	51	30	30	30	0	0	0	0	0.00			
11/18/2003	0.5	0.5	0.5	14.0	13.0	13.0	43	40	41	36	34	35	1121	926	997	1,422	53	51	51	30	30	30	0	0	0	0	0.00			
11/19/2003	0.5	0.5	0.5	14.0	13.0	13.0	41	38	39	36	32	35	1121	335	996	1,449	53	51	52	30	30	30	0	0	0	0	0.00			
11/20/2003	0.5	0.5	0.5	14.0	13.0	13.0	41	37	40	36	30	35	1180	0	995	1,167	53	51	52	30	30	30	0	0	0	0	0.00			
11/21/2003	0.5	0.5	0.5	14.0	13.0	13.0	48	45	46	36	32	34	1124	694	832	1,286	54	51	53	30	30	30	0	0	0	0	0.00			
11/22/2003	0.5	0.5	0.5	14.0	13.0	13.0	45	42	44	35	32	34	1064	698	883	1,351	54	52	53	30	30	30	0	0	0	0	0.00			
11/23/2003	0.5	0.5	0.5	14.0	13.0	13.0	43	40	41	35	33	34	1076	872	935	1,306	54	52	53	30	30	30	0	0	0	0	0.00			
11/24/2003	0.5	0.5	0.5	14.0	13.0	13.0	40	37	39	37	26	34	1152	0	916	1,348	54	52	53	30	30	30	0	0	0	0	0.00			
11/25/2003	0.5	0.5	0.5	14.0	13.0	13.0	49	35	39	36	33	34	1070	874	934	1,340	54	52	53	30	30	30	0	0	0	0	0.00			
11/26/2003	0.5	0.5	0.5	14.0	13.0	13.0	51	34	42	35	33	34	1048	874	934	1,368	54	52	53	30	30	30	0	0	0	0	0.00			
11/27/2003	0.5	0.5	0.5	14.0	13.0	13.0	47	44	46	41	31	34	1746	169	950	1,440	54	52	53	30	30	30	0	0	0	0	0.00			
11/28/2003	0.5	0.5	0.5	14.0	13.0	13.0	45	41	43	36	33	34	1132	938	998	1,445	54	52	53	30	30	30	0	0	0	0	0.00			
11/29/2003	0.5	0.5	0.5	14.0	13.0	13.0	43	39	41	35	33	34	1100	943	1002	1,323	54	52	53	30	30	30	0	0	0	0	0.00			
11/30/2003	0.5	0.3	0.4	14.0	13.0	13.0	49	35	39	42	26	34	1778	0	918	1,135	54	51	53	30	30	30	0	0	0	0	0.00			
12/1/2003	0.3	0.2	0.3	14.0	13.0	13.0	50	45	47	47	27	34	2147	0	786	1,349	55	52	54	30	30	30	0	0	0	0	0.00			
12/2/2003	0.3	0.2	0.3	14.0	13.0	13.0	49	45	47	35	32	34	1109	840	942	1,345	56	53	54	30	30	30	0	0	0	0	0.00			
12/3/2003	0.3	0.2	0.3	14.0	13.0	13.0	45	43	44	35	32	34	1086	872	933	1,203	56	53	54	30	30	30	0	0	0	0	0.00			
12/4/2003	0.7	0.2	0.3	14.0	12.0	12.0	43	40	42	42	28	34	1959	0	852	1,336	56	53	54	30	30	30	0	0	0	0	0.00			
12/5/2003	0.5	0.4	0.5	14.0	13.0	13.0	50	48	49	34	31	34	1043	473	923	1,355	56	54	54	30	30	30	0	0	0	0	0.00			
12/6/2003	0.5	0.4	0.5	14.0	13.0	13.0	52	48	50	34	33	34	1069	891	931	1,337	56	54	54	30	30	30	0	0	0	0	0.00			
12/7/2003	0.5	0.4	0.5	14.0	13.0	13.0	51	47	50	35	33	34	1065	893	934	1,347	55	53	54	30	30	30	0	0	0	0	0.00			
12/8/2003	0.4	0.2	0.3	14.0	13.0	13.0	48	45	47	35	33	34	1043	914	932	1,037	58	54	56	30	30	30	0	0	0	0	0.00			
12/9/2003	0.3	0.2	0.3	14.0	13.0	13.0	45	43	44	41	26	33	1717	0	719	1,352	57	55	56	30	30	30	0	0	0	0	0.00			
12/10/2003	0.3	0.2	0.3	14.0	13.0	13.0	43	41	42	35	32	33	1089	873	941	1,237	58	55	56	30	30	30	0	0	0	0	0.00			
12/11/2003	0.3	0.2	0.3	14.0	13.0	13.0	49	48	49	35	29	33	1067	397	862	1,333	57	56	56	30	30	30	0	0	0	0	0.00			
12/12/2003	0.3	0.2	0.3	14.0	13.0	13.0	48	44	46	35	32	33	1075	773	924	1,435	57	55	56	30	30	30	0	0	0	0	0.00			
12/13/2003	0.3	0.2	0.2	14.0	13.0	13.0	51	43	49	35	33	34	1156	0	1004	1,344	57	54	56	30	30	30	0	0	0	0	0.00			
12/14/2003	0.3	0.2	0.2	14.0	13.0	13.0	49	45	47	35	33	34	1112	867	932	1,341	57	55	56	30	30	30	0	0	0	0	0.00			
12/15/2003	0.3	0.2	0.2	14.0	13.0	13.0	45	42	43	35	31	34	1082	638	933	1,359	57	55	56	30	30	30	0	0	0	0	0.00			
12/16/2003	0.3	0.2	0.2	14.0	13.0	13.0	52	48	50	51	30	34	2629	286	941	0.717	57	54	56	30	30	30	1623	0	544	0.608				
12/17/2003	0.4	0.4	0.2	14.0	13.0	12.0	48	46	47	38	28	33	0	0	0	0.000	57	54	56	36	29	32	1113	0	382	1.263				
12/18/2003	0.4	0.4	0.4	14.0	13.0	13.0	46	41	44	32	32	32	0	0	0	0.000	57	55	56	42	27	34	1709	0	873	1.375				
12/19/2003	0.4	0.3	0.3	14.0	13.0	13.0	41	40	40	32	32	32	0	0	0	0.000	60	55	58	35	34	34	1100	939	961	1.393				
12/20/2003	0.3	0.3	0.3	14.0	13.0	13.0	49	46	48	32	32	32	0	0	0	0.000	59	57	58	35	32	34	1092	751	957	1.385				
12/21/2003	0.3	0.2	0.3	14.0	13.0	13.0	46	43	45	32	32	32	0	0	0	0.000	59	56	58	36	33	34	1093	944	964	1.380				
12/22/2003	0.2	0.2	0.2	14.0	13.0	13.0	44	42	43	32	32	32	0	0	0	0.000	59	56	58	35	33	34	1069	0	960	1.395				
12/23/2003	0.2	0.2	0.2	14.0	13.0	13.0	42	40	41	32	32	32	0	0	0	0.000	58	57	58	35	33	34	1109	946	965	1.316				
12/24/2003	0.2	0.2	0.2	14.0	13.0	13.0	49	46	47	33	31	32	0	0	0	0.000	60	57	58	37	30	34	1374	0	926	1.574				
12/25/2003	0.2	0.2	0.2	14.0	13.0	13.0	45	42	44	32	31	32	0	0	0	0.000	60	57	58	40	30	35	1603	274	1068	1.674				
12/26/2003	0.2	0.2	0.2	14.0	13.0	13.0	42	39	41	32	31	32	0	0	0	0.000	60	57	58	37	33	35	1353	731	1161	1.143				
12/27/2003	0.2	0.2	0.2	14.0	13.0	13.0	40	37	48	32	31	32	0	0	0	0.000	60	57	58	37	31	33	1248	448	802	1.396				
12/28/2003	0.2	0.2	0.2	14.0	13.0	13.0	47	45	46	32	31	32	0	0	0	0.000	59	56	58	35	33	34	1100	951	970	1.401				
12/29/2003	0.2	0.2	0.2	14.0	13.0	13.0	45	43	43	32	31	32	0	0	0	0.000	58	56	58	35	33	34	1099	927	972	1.390				
12/30/2003	0.2	0.2	0.2	14.0	13.0	13.0	43	41	41	32	31	32	0	0	0	0.000	59	56	58	35	33	34	1121	924	971	1.400				
12/31/2003	0.2	0.2	0.2	14.0	13.0	13.0	51	41	51	32	31	32	0	0	0	0.000	59	56	58	35	33	34	1091	922	966	1.349				
1/1/2004	0.2	0.2	0.2	14.0	13.0	13.0	47	43	45	32	31	32	0	0	0	0.000	59	56	57	34	33	34	980	941	959	1.410				
1/2/2004	0.2	0.2	0.2	14.0	13.0	13.0	49	46	47	32	31	32	0	0	0	0.000	59	56	57	35	33	34	1104	928	965	1.405				
1/3/2004	0.2	0.2	0.2	14.0	13.0	13.0	51	48	50	32	31	32	0	0	0	0.000	59	56	57	35	33	34	1104	926	965	1.463				
1/4/2004	0.2	0.2	0.2	14.0	13.0	13.0	48	45	46	32	31	32	0	0	0	0.000	59	56	57	36	32	34	1335	531	1017	1.420				
1/5/2004	0.2	0.2	0.2	14.0	13.0	13.0	45	42	44	32	31	32	0	0	0	0.000	58	56	57	36	33	34	1264	869	973	1.686				

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Total
1/6/2004	0.2	0.2	0.2	14.0	13.0	13.0	43	39	41	32	31	32	0	0	0	0.000	58	56	57	36	33	35	1347	909	1179	1.338	
1/7/2004	0.2	0.2	0.2	14.0	13.0	13.0	46	38	40	32	31	32	0	0	0	0.000	59	56	57	35	32	34	1108	723	929	1.437	
1/8/2004	0.4	0.3	0.2	14.0	13.0	11.0	48	43	44	32	31	32	0	0	0	0.000	58	56	56	37	32	34	1333	0	1002	1.297	
1/9/2004	0.4	0.3	0.4	14.0	13.0	13.0	47	45	46	32	31	32	0	0	0	0.000	58	55	56	35	32	34	1097	663	891	1.380	
1/10/2004	0.4	0.3	0.4	14.0	13.0	13.0	46	44	45	32	31	32	0	0	0	0.000	58	55	56	46	29	34	2402	185	957	1.377	
1/12/2004	0.4	0.3	0.4	14.0	13.0	13.0	43	40	42	32	31	32	0	0	0	0.000	56	55	56	35	33	34	1112	885	957	1.394	
1/13/2004	0.3	0.3	0.3	14.0	13.0	13.0	46	43	45	32	31	32	0	0	0	0.000	59	54	57	35	33	34	1090	885	958	1.351	
1/14/2004	0.3	0.3	0.3	14.0	13.0	13.0	45	41	43	32	31	32	0	0	0	0.000	59	56	57	43	26	34	2010	0	942	1.372	
1/15/2004	0.3	0.3	0.3	14.0	13.0	13.0	42	38	41	32	31	32	0	0	0	0.000	59	56	57	34	31	34	1094	707	950	1.357	
1/18/2004	0.3	0.3	0.3	14.0	13.0	13.0	39	36	37	32	31	32	0	0	0	0.000	58	56	57	38	30	34	1065	635	950	1.245	
1/17/2004	0.3	0.3	0.3	14.0	13.0	13.0	37	34	36	32	31	32	0	0	0	0.000	58	56	57	38	30	34	1508	0	852	1.644	
1/19/2004	0.3	0.3	0.3	14.0	13.0	13.0	35	33	34	32	31	32	0	0	0	0.000	58	56	57	36	33	35	1364	0	1144	1.621	
1/19/2004	0.3	0.3	0.3	14.0	14.0	13.0	34	31	32	32	31	32	0	0	0	0.000	58	56	57	37	32	35	1271	883	1111	1.511	
1/20/2004	0.3	0.3	0.3	14.0	14.0	13.0	31	29	30	32	31	32	0	0	0	0.000	58	55	57	36	33	35	1358	707	1061	1.745	
1/21/2004	0.3	0.3	0.3	14.0	14.0	13.0	31	27	31	32	31	32	0	0	0	0.000	58	56	57	36	33	35	1295	973	1194	1.392	
1/22/2004	0.3	0.3	0.3	14.0	14.0	13.0	39	36	38	32	31	32	0	0	0	0.000	57	55	56	36	32	34	1266	888	986	1.397	
1/23/2004	0.3	0.3	0.3	14.0	14.0	13.0	46	43	45	33	31	32	0	0	0	0.000	57	55	56	35	32	34	1086	759	969	0.928	
1/24/2004	0.3	0.3	0.3	14.0	14.0	13.0	44	41	43	33	31	32	0	0	0	0.000	57	55	56	40	33	35	1713	0	629	1.889	
1/25/2004	0.3	0.3	0.3	14.0	14.0	13.0	41	37	39	33	31	32	0	0	0	0.000	62	55	58	37	35	36	1427	1260	1310	1.675	
1/26/2004	0.3	0.3	0.3	14.0	14.0	13.0	43	40	42	32	31	32	0	0	0	0.000	63	58	61	37	31	35	1382	443	1165	1.897	
1/27/2004	0.3	0.3	0.3	14.0	14.0	13.0	46	44	45	32	31	32	0	0	0	0.000	63	60	61	39	35	36	1437	1256	1311	1.654	
1/28/2004	0.3	0.3	0.3	14.0	13.0	14.0	44	41	43	32	31	32	0	0	0	0.000	63	60	62	37	33	35	1421	758	1160	1.427	
1/29/2004	0.3	0.3	0.3	14.0	13.0	14.0	42	37	39	32	31	32	0	0	0	0.000	63	60	62	48	28	34	1857	0	1014	1.449	
1/30/2004	0.3	0.3	0.3	14.0	13.0	14.0	38	36	37	33	31	32	0	0	0	0.000	62	59	60	38	26	34	1123	948	1008	1.436	
1/31/2004	0.3	0.3	0.3	14.0	13.0	14.0	36	34	35	33	31	32	0	0	0	0.000	62	59	60	38	26	34	1490	186	1006	1.719	
2/1/2004	0.3	0.3	0.3	14.0	13.0	14.0	54	52	53	32	31	32	0	0	0	0.000	62	59	60	38	32	35	1444	505	1176	1.431	
2/2/2004	0.3	0.3	0.3	14.0	13.0	14.0	53	50	52	32	31	32	0	0	0	0.000	60	59	60	47	31	34	1864	111	1003	1.221	
2/3/2004	0.3	0.3	0.3	14.0	13.0	14.0	52	49	50	32	31	32	0	0	0	0.000	62	60	60	35	32	33	1069	542	841	1.561	
2/4/2004	0.3	0.3	0.3	14.0	13.0	14.0	50	47	48	32	31	32	0	0	0	0.000	62	59	60	35	32	35	1324	85	1091	1.356	
2/5/2004	0.3	0.3	0.3	14.0	13.0	14.0	61	46	44	32	31	32	0	0	0	0.000	62	59	60	35	31	34	1164	591	943	1.342	
2/6/2004	0.4	0.3	0.3	14.0	13.0	12.0	59	56	57	32	31	32	0	0	0	0.000	62	59	60	35	32	34	1206	707	924	1.494	
2/7/2004	0.4	0.4	0.4	14.0	13.0	13.0	56	52	54	32	31	32	0	0	0	0.000	61	59	60	35	33	34	1182	969	1041	1.362	
2/8/2004	0.4	0.4	0.4	14.0	13.0	13.0	53	49	51	32	31	32	0	0	0	0.000	61	59	60	35	31	34	1165	165	944	1.494	
2/9/2004	0.4	0.4	0.4	14.0	13.0	13.0	49	45	47	32	31	32	0	0	0	0.000	61	59	60	36	33	34	1179	968	1032	1.500	
2/10/2004	0.4	0.4	0.4	14.0	13.0	13.0	47	43	45	32	31	32	0	0	0	0.000	61	57	59	35	33	34	1154	968	1039	1.481	
2/11/2004	0.4	0.4	0.4	14.0	13.0	13.0	44	43	43	32	31	32	0	0	0	0.000	61	58	59	35	33	34	1180	973	1036	1.490	
2/12/2004	0.4	0.4	0.4	14.0	13.0	13.0	52	50	50	32	31	32	0	0	0	0.000	61	58	59	35	33	34	1193	951	1031	1.486	
2/13/2004	0.4	0.4	0.4	14.0	13.0	13.0	50	48	49	32	31	32	0	0	0	0.000	61	58	59	35	33	34	1187	955	1036	1.373	
2/14/2004	0.4	0.4	0.4	14.0	13.0	13.0	58	45	46	32	31	32	0	0	0	0.000	61	58	59	42	26	34	1720	0	965	1.333	
2/15/2004	0.4	0.4	0.4	14.0	13.0	13.0	55	53	54	32	31	32	0	0	0	0.000	61	58	59	36	32	33	1194	708	907	1.491	
2/16/2004	0.4	0.4	0.4	14.0	13.0	13.0	61	52	53	32	31	32	0	0	0	0.000	60	58	59	35	33	34	1146	970	1033	1.368	
2/17/2004	0.4	0.4	0.4	14.0	13.0	13.0	59	55	57	32	31	32	0	0	0	0.000	60	58	59	35	32	34	1103	700	948	1.484	
2/18/2004	0.4	0.4	0.4	14.0	13.0	13.0	56	51	54	32	31	32	0	0	0	0.000	60	57	58	35	33	34	1161	929	1033	1.482	
2/19/2004	0.4	0.2	0.3	14.0	13.0	13.0	52	48	50	32	31	32	0	0	0	0.000	60	57	58	35	33	34	1180	968	1033	1.503	
2/20/2004	0.2	0.2	0.2	14.0	13.0	13.0	48	46	47	32	31	32	0	0	0	0.000	57	56	57	36	33	34	1193	959	1036	1.475	
2/21/2004	0.2	0.2	0.2	14.0	13.0	13.0	56	54	54	32	31	32	0	0	0	0.000	57	55	57	35	31	34	1159	609	1024	1.501	
2/22/2004	0.2	0.2	0.2	14.0	13.0	13.0	54	52	53	32	31	32	0	0	0	0.000	58	56	57	35	33	34	1207	968	1038	1.447	
2/23/2004	0.2	0.2	0.2	14.0	13.0	13.0	57	50	54	33	31	32	0	0	0	0.000	59	56	57	35	33	34	1089	754	1005	1.501	
2/24/2004	0.2	0.2	0.2	14.0	13.0	13.0	55	52	54	33	31	32	0	0	0	0.000	59	56	57	35	33	34	1153	958	1033	1.503	
2/25/2004	0.2	0.2	0.2	14.0	13.0	13.0	52	49	51	33	31	32	0	0	0	0.000	59	56	57	36	33	34	1204	966	1038	1.556	

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
2/26/2004	0.2	0.2	0.2	14.0	13.0	13.0	50	46	48	32	31	32	0	0	0	0.000	59	56	57	36	29	35	1308	508	1146	1.485
2/27/2004	0.2	0.2	0.2	14.0	13.0	13.0	46	45	45	32	31	32	0	0	0	0.000	58	56	57	35	33	34	1153	970	1035	1.330
2/29/2004	0.2	0.2	0.2	14.0	13.0	13.0	53	50	52	32	31	32	0	0	0	0.000	57	55	56	36	32	34	1201	722	935	1.469
3/2/2004	0.2	0.2	0.2	14.0	13.0	13.0	55	48	49	32	31	32	0	0	0	0.000	59	55	57	39	28	34	1300	173	934	1.359
3/1/2004	0.2	0.2	0.2	14.0	13.0	13.0	54	51	53	32	32	32	0	0	0	0.000	59	57	58	36	33	34	1160	953	1033	1.717
3/2/2004	0.2	0.2	0.2	14.0	13.0	13.0	51	49	50	32	32	32	0	0	0	0.000	59	57	58	36	33	35	1366	968	1178	1.360
3/3/2004	0.2	0.2	0.2	14.0	13.0	13.0	49	46	48	32	32	32	0	0	0	0.000	59	57	58	36	31	33	1271	603	959	1.408
3/4/2004	0.4	0.2	0.3	14.0	13.0	11.0	56	43	45	32	32	32	0	0	0	0.000	59	57	58	35	32	33	1150	891	974	1.731
3/5/2004	0.4	0.3	0.4	14.0	13.0	13.0	51	42	45	32	32	32	0	0	0	0.000	59	57	58	36	32	35	1357	762	1190	1.413
3/6/2004	0.4	0.3	0.4	14.0	13.0	13.0	58	45	47	32	32	32	0	0	0	0.000	59	57	58	36	32	34	1326	841	992	1.400
3/7/2004	0.4	0.3	0.4	14.0	13.0	13.0	56	43	44	32	32	32	0	0	0	0.000	59	57	58	35	33	34	1109	0	972	1.345
3/8/2004	0.4	0.3	0.3	14.0	13.0	13.0	53	40	42	32	32	32	0	0	0	0.000	59	57	58	36	31	34	1260	361	917	1.746
3/9/2004	0.4	0.3	0.3	14.0	13.0	13.0	58	42	46	32	32	32	0	0	0	0.000	59	56	58	36	34	35	1308	1150	1216	1.570
3/10/2004	0.4	0.3	0.4	14.0	13.0	13.0	56	52	54	32	32	32	0	0	0	0.000	58	56	57	36	33	35	1276	765	1099	1.402
3/11/2004	0.4	0.3	0.4	14.0	13.0	13.0	52	48	51	32	32	32	1421	0	748	0.709	58	56	57	35	33	34	1113	900	968	0.831
3/12/2004	0.4	0.3	0.3	14.0	13.0	13.0	55	50	51	48	34	33	1653	0	439	1.612	58	55	56	32	32	32	0	0	0	0.000
3/13/2004	0.4	0.3	0.4	14.0	13.0	13.0	55	48	52	36	29	34	1347	520	1126	1.367	58	55	56	33	32	32	0	0	0	0.000
3/14/2004	0.3	0.3	0.3	14.0	13.0	13.0	59	44	48	35	32	33	1157	863	953	1.456	57	55	56	33	32	32	0	0	0	0.000
3/15/2004	0.3	0.3	0.3	14.0	13.0	13.0	57	50	54	36	32	33	1267	694	1010	1.712	57	55	56	33	32	32	0	0	0	0.000
3/15/2004	0.3	0.3	0.3	14.0	13.0	13.0	57	48	51	36	32	34	1355	850	1174	1.397	57	55	56	32	32	32	0	0	0	0.000
3/17/2004	0.3	0.3	0.3	14.0	13.0	13.0	59	48	51	36	32	33	1252	726	988	1.367	57	56	54	33	32	32	0	0	0	0.000
3/18/2004	0.3	0.3	0.3	14.0	13.0	13.0	55	48	51	36	32	33	1125	849	951	1.009	57	54	55	32	32	32	1956	0	630	0.604
3/19/2004	0.2	0.2	0.2	14.0	13.0	13.0	58	42	45	37	25	33	0	0	0	0.000	57	54	55	41	32	33	1657	0	360	1.764
3/20/2004	0.2	0.2	0.2	14.0	13.0	13.0	52	47	49	32	32	32	0	0	0	0.000	58	56	53	37	33	35	1349	1144	1221	1.756
3/21/2004	0.3	0.3	0.3	14.0	13.0	13.0	60	55	55	32	32	32	0	0	0	0.000	57	54	55	37	32	35	1336	1140	1221	1.522
3/22/2004	0.3	0.3	0.3	14.0	13.0	13.0	59	50	52	32	32	32	0	0	0	0.000	57	52	54	37	32	34	1267	685	1065	1.655
3/23/2004	0.3	0.3	0.3	14.0	13.0	13.0	55	46	52	32	32	32	0	0	0	0.000	56	51	54	37	31	35	1316	647	1136	1.762
3/24/2004	0.3	0.3	0.3	14.0	13.0	13.0	58	41	46	32	23	32	0	0	0	0.000	55	50	52	38	32	35	1664	996	1225	1.443
3/25/2004	0.3	0.3	0.3	14.0	13.0	13.0	54	46	50	32	32	32	0	0	0	0.000	53	51	52	37	30	34	1274	907	1014	1.423
3/26/2004	0.3	0.3	0.3	14.0	13.0	12.0	56	43	45	32	32	32	0	0	0	0.000	53	50	51	44	30	34	1854	0	966	1.254
3/27/2004	0.3	0.3	0.3	14.0	13.0	13.0	57	45	46	32	32	32	0	0	0	0.000	53	50	51	46	28	33	1908	0	890	1.392
3/28/2004	0.3	0.3	0.3	14.0	13.0	13.0	50	43	47	32	32	32	0	0	0	0.000	53	50	51	37	30	33	1340	594	943	1.483
3/29/2004	0.3	0.3	0.3	14.0	13.0	13.0	60	48	52	32	32	32	0	0	0	0.000	54	49	51	37	31	34	1247	471	1026	1.589
3/30/2004	0.3	0.3	0.3	14.0	13.0	13.0	57	49	53	32	32	32	0	0	0	0.000	54	49	51	40	31	35	1661	482	1120	1.424
3/31/2004	0.3	0.3	0.3	14.0	13.0	13.0	55	45	49	32	32	32	0	0	0	0.000	54	48	51	36	31	34	1157	670	981	1.490
4/1/2004	0.4	0.3	0.4	14.0	13.0	13.0	49	42	46	32	31	31	0	0	0	0.000	54	48	51	36	32	34	1174	920	1032	1.491
4/2/2004	0.4	0.3	0.4	14.0	13.0	13.0	57	40	42	32	32	32	0	0	0	0.000	52	48	50	36	32	34	1191	949	1036	1.698
4/3/2004	0.4	0.3	0.4	14.0	13.0	13.0	51	44	48	32	32	32	0	0	0	0.000	52	47	49	38	32	35	1324	970	1170	1.522
4/4/2004	0.4	0.3	0.4	14.0	13.0	13.0	54	41	47	32	32	32	0	0	0	0.000	52	47	49	37	31	34	1347	604	1066	1.669
4/5/2004	0.4	0.3	0.4	14.0	13.0	13.0	56	48	49	32	32	32	0	0	0	0.000	52	47	49	37	30	35	1769	812	1200	1.647
4/6/2004	0.4	0.4	0.4	14.0	13.0	13.0	55	44	49	32	32	32	0	0	0	0.000	52	47	49	37	33	35	1342	968	1143	1.545
4/7/2004	0.4	0.4	0.4	14.0	13.0	13.0	49	42	46	32	33	32	0	0	0	0.000	52	47	49	37	29	34	1311	442	1068	1.406
4/8/2004	0.4	0.3	0.4	14.0	13.0	13.0	58	40	49	32	32	32	0	0	0	0.000	52	47	49	40	27	34	1725	0	974	1.790
4/9/2004	0.6	0.5	0.4	14.0	13.0	13.0	50	44	48	32	32	32	0	0	0	0.000	52	47	49	37	27	35	1366	1157	1222	1.742
4/10/2004	0.6	0.5	0.5	12.0	12.0	12.0	44	40	41	33	32	32	0	0	0	0.000	52	48	49	37	34	35	1333	1160	1220	1.710
4/11/2004	0.6	0.5	0.5	12.0	12.0	12.0	57	45	48	32	32	32	0	0	0	0.000	52	48	49	37	31	35	1347	485	1185	1.762
4/12/2004	0.7	0.5	0.5	13.0	13.0	13.0	50	44	48	32	32	32	0	0	0	0.000	52	48	49	37	34	35	1352	1157	1221	1.741
4/13/2004	0.5	0.5	0.5	13.0	13.0	13.0	58	40	49	32	32	32	0	0	0	0.000	51	47	49	38	30	35	1508	0	1209	1.647
4/14/2004	0.5	0.5	0.5	13.0	13.0	13.0	52	44	48	33	31	31	0	0	0	0.000	51	47	48	39	30	35	1694	386	1144	1.392
4/15/2004	0.5	0.5	0.5	13.0	13.0	13.0	44	41	41	32	32	32	0	0	0	0.000	50	45	47	35	32	34	1196	0	962	1.681
4/16/2004	0.5	0.4	0.5	13.0	13.0	13.0	58	45	45	32	32	32	0	0	0	0.000	50	44	47	37	33	35	1349	975	1165	1.751

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot	
1/22/2002	<1	<1	<1	13	13	13	73	68	70	35	32	33	1075	844	891	1,253	86	80	82	30	29	29	0	0	0	0.000		
1/23/2002	<1	<1	<1	13	13	13	73	67	69	37	32	33	1163	0	888	1,289	86	80	82	30	29	29	0	0	0	0.000		
1/24/2002	<1	<1	<1	13	13	13	70	66	69	39	25	33	1526	0	785	1,295	86	81	82	30	29	29	0	0	0	0.000		
1/25/2002	<1	<1	<1	13	13	13	70	66	69	36	31	33	1102	688	874	1,196	86	81	83	30	29	29	0	0	0	0.000		
1/27/2002	<1	<1	<1	13	13	13	72	66	69	35	31	33	1019	700	778	1,126	87	81	83	30	29	29	0	0	0	0.000		
1/28/2002	<1	<1	<1	13	13	13	71	66	69	35	31	33	1064	852	890	0.000	88	81	83	30	29	29	0	0	0	0.000		
1/29/2002	<1	<1	<1	13	13	13	71	66	69	34	31	33	1072	443	886	0.000	87	81	83	30	29	29	0	0	0	0.000		
1/30/2002	<1	<1	<1	13	13	13	71	66	69	34	32	33	1090	0	892	0.000	88	81	84	30	29	29	0	0	0	0.000		
1/31/2002	<1	<1	<1	13	13	13	70	66	68	44	28	33	2047	254	831	0.000	88	83	84	30	29	29	0	0	0	0.000		
2/1/2002	<1	<1	<1	13.0	13.0	13.0	71	66	68	34	31	33	1056	0	787	1,178	87	83	84	30	29	29	0	0	0	0.000		
2/2/2002	<1	<1	<1	13.0	13.0	13.0	72	66	68	35	32	33	1016	682	827	1,188	89	83	85	30	29	29	0	0	0	0.000		
2/3/2002	<1	<1	<1	13.0	13.0	13.0	72	65	69	34	32	33	1059	649	791	1,241	90	83	85	30	29	29	0	0	0	0.000		
2/5/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	34	32	33	1047	841	887	1,269	90	83	86	30	29	29	0	0	0	0.000		
2/8/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	35	32	33	1154	842	892	1,219	88	82	85	30	29	29	0	0	0	0.000		
2/11/2002	<1	<1	<1	13.0	13.0	13.0	72	68	70	35	32	33	1090	667	837	1,280	86	80	83	30	29	29	0	0	0	0.000		
2/12/2002	<1	<1	<1	13.0	13.0	13.0	72	67	70	35	32	33	1105	840	890	1,282	86	81	83	30	29	29	0	0	0	0.000		
2/13/2002	<1	<1	<1	13.0	13.0	13.0	72	67	70	34	32	33	1020	841	893	1,198	88	83	85	30	29	29	0	0	0	0.000		
2/14/2002	<1	<1	<1	13.0	13.0	13.0	69	67	68	36	31	33	1068	0	830	1,200	88	82	84	30	29	29	0	0	0	0.000		
2/15/2002	<1	<1	<1	13.0	13.0	13.0	70	67	68	34	32	33	1061	663	777	1,213	87	83	84	30	29	29	0	0	0	0.000		
2/16/2002	<1	<1	<1	13.0	13.0	13.0	70	67	68	37	31	33	1066	836	903	1,289	88	83	85	30	29	29	0	0	0	0.000		
2/17/2002	<1	<1	<1	13.0	13.0	13.0	71	66	68	33	31	32	1182	0	888	1,038	88	83	85	30	29	29	0	0	0	0.000		
2/18/2002	<1	<1	<1	13.0	13.0	13.0	70	65	67	34	30	32	967	666	728	1,184	90	83	85	30	29	29	0	0	0	0.000		
2/19/2002	<1	<1	<1	13.0	13.0	13.0	70	65	67	34	31	32	1115	400	818	1,136	90	83	86	30	28	30	0	0	0	0.000		
2/20/2002	<1	<1	<1	13.0	13.0	13.0	70	65	67	33	31	32	1012	612	789	0.970	86	83	84	30	30	30	0	0	0	0.000		
2/21/2002	<1	<1	<1	13.0	13.0	13.0	68	65	67	35	30	32	912	606	677	0.978	90	83	85	30	30	30	0	0	0	0.000		
2/23/2002	<1	<1	<1	13.0	13.0	13.0	69	65	67	35	31	32	857	609	674	1,172	89	84	85	30	30	30	0	0	0	0.000		
2/24/2002	<1	<1	<1	13.0	13.0	13.0	71	66	68	35	32	33	1090	822	896	1,281	88	82	85	30	30	30	0	0	0	0.000		
2/25/2002	<1	<1	<1	13.0	13.0	13.0	69	66	67	35	32	33	1073	819	892	1,311	87	83	84	30	30	30	0	0	0	0.000		
2/26/2002	<1	<1	<1	13.0	13.0	13.0	70	67	68	42	23	33	1724	0	873	1,072	89	84	86	30	30	30	0	0	0	0.000		
2/27/2002	<1	<1	<1	13.0	13.0	13.0	72	68	69	36	29	32	1185	634	788	0.994	89	84	86	30	30	30	0	0	0	0.000		
2/28/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	33	31	32	874	627	683	0.893	90	84	86	30	30	30	0	0	0	0.000		
2/29/2002	<1	<1	<1	13.0	13.0	13.0	73	69	71	41	29	32	1514	0	618	1,120	87	83	85	30	30	30	0	0	0	0.000		
3/5/2002	<1	<1	<1	13.0	13.0	13.0	76	71	73	35	32	32	1717	0	784	1,316	87	82	84	30	30	30	0	0	0	0.000		
3/7/2002	<1	<1	<1	13.0	13.0	13.0	78	72	74	35	31	32	1086	723	913	1,235	89	82	85	30	30	30	0	0	0	0.000		
3/8/2002	<1	<1	<1	13.0	13.0	13.0	76	68	73	35	32	32	1094	638	860	1,273	91	83	86	30	30	30	0	0	0	0.000		
3/9/2002	<1	<1	<1	13.0	13.0	13.0	68	57	63	44	29	32	1080	717	885	1,003	89	82	86	30	30	30	0	0	0	0.000		
3/12/2002	<1	<1	<1	13.0	13.0	13.0	75	55	65	47	14	33	2270	0	743	1,242	86	82	84	30	30	30	0	0	0	0.000		
3/14/2002	<1	<1	<1	13.0	13.0	13.0	71	0	68	34	0	32	1082	0	880	1,316	89	0	86	30	30	30	0	0	0	0.000		
3/15/2002	<1	<1	<1	13.0	13.0	13.0	71	66	68	35	32	32	1085	851	895	1,294	88	85	87	30	30	30	0	0	0	0.000		
3/16/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	35	31	32	1073	0	900	1,147	87	83	85	30	30	30	0	0	0	0.000		
3/17/2002	<1	<1	<1	13.0	13.0	13.0	69	68	68	36	29	32	1065	617	796	1,056	86	80	83	30	30	30	0	0	0	0.000		
3/18/2002	<1	<1	<1	13.0	12.0	13.0	70	68	68	32	30	31	0	0	0	0.000	87	83	85	35	30	31	1179	0	458	1,281		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	71	67	69	30	30	30	0	0	0	0.000	89	86	87	35	30	33	1075	471	889	1,274		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	73	67	70	30	30	30	0	0	0	0.000	88	86	87	34	29	33	1085	350	887	1,299		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	73	68	71	30	30	30	0	0	0	0.000	89	86	88	34	32	33	1085	849	901	1,413		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	73	68	70	30	30	30	0	0	0	0.000	87	86	86	34	31	33	1245	780	1012	1,461		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	73	68	70	30	29	30	0	0	0	0.000	88	87	87	35	31	33	1084	615	906	1,308		
3/19/2002	<1	<1	<1	13.0	12.0	13.0	73	68	70	30	29	30	0	0	0	0.000	86	87	90	34	28	32	1435	0	765	1,104		

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
3/14/2002	<1	<1	<1	13.0	13.0	12.0	72	68	70	30	29	30	0	0	0	0.000	88	88	91	37	30	33	1251	568	929	1.334
3/15/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	30	30	0	0	0	0.000	89	88	91	35	23	33	1756	0	1006	1.453
3/16/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	30	30	0	0	0	0.000	88	89	91	38	30	33	1563	0	1090	1.596
3/17/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	30	30	0	0	0	0.000	87	89	91	36	32	33	1341	1061	1115	1.587
3/18/2002	<1	<1	<1	13.0	13.0	13.0	75	69	72	30	30	30	0	0	0	0.000	89	89	91	35	30	32	1277	468	931	1.337
3/19/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	30	30	0	0	0	0.000	86	89	91	35	25	32	1633	0	976	1.427
3/20/2002	<1	<1	<1	13.0	13.0	13.0	76	69	72	30	30	30	0	0	0	0.000	87	89	92	36	30	33	1648	0	1041	1.484
3/21/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	30	30	0	0	0	0.000	85	90	92	39	32	33	1234	866	1020	1.463
3/22/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	30	30	0	0	0	0.000	87	90	93	34	31	33	1270	0	990	1.434
3/23/2002	<1	<1	<1	13.0	13.0	13.0	73	69	71	30	30	30	0	0	0	0.000	88	90	92	34	33	33	1274	1089	1121	1.614
3/24/2002	<1	<1	<1	13.0	13.0	13.0	74	69	71	30	30	30	0	0	0	0.000	88	89	92	34	33	33	1278	1075	1121	1.617
3/25/2002	<1	<1	<1	13.0	13.0	13.0	72	68	70	30	30	30	0	0	0	0.000	86	90	92	34	33	33	1341	1070	1121	1.632
3/26/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	30	30	30	0	0	0	0.000	86	90	93	36	31	33	1421	655	1111	1.583
3/27/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	40	29	30	0	0	0	0.000	85	74	82	36	31	33	1283	0	1007	1.463
3/28/2002	<1	<1	<1	13.0	13.0	13.0	73	67	69	30	30	30	0	0	0	0.000	81	73	77	40	31	33	1118	661	967	1.378
3/29/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	30	30	30	0	0	0	0.000	81	74	77	34	32	33	1286	865	1010	1.464
3/30/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	30	30	0	0	0	0.000	80	75	77	34	32	33	1108	873	966	1.401
3/31/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	30	30	30	0	0	0	0.000	81	76	78	35	32	33	1215	858	1063	1.524
4/1/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	30	30	30	0	0	0	0.000	81	76	78	35	32	33	1215	858	1063	1.524
4/2/2002	<1	<1	<1	13.0	13.0	13.0	73	67	70	30	30	30	0	0	0	0.000	83	76	79	33	31	32	1126	812	891	1.453
4/3/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	30	30	30	0	0	0	0.000	82	77	79	34	32	33	1270	822	1006	1.489
4/4/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	30	30	0	0	0	0.000	84	77	79	35	32	33	1253	701	1031	1.526
4/5/2002	<1	<1	<1	13.0	13.0	13.0	75	69	72	30	30	30	0	0	0	0.000	84	77	80	34	32	33	1221	627	1053	1.361
4/6/2002	<1	<1	<1	13.0	13.0	13.0	75	68	72	30	30	30	0	0	0	0.000	83	78	80	34	30	33	1267	348	953	1.577
4/7/2002	<1	<1	<1	13.0	13.0	13.0	74	70	72	30	30	30	0	0	0	0.000	83	78	80	34	33	33	1212	1047	1102	1.539
4/8/2002	<1	<1	<1	13.0	13.0	13.0	75	71	73	30	30	30	0	0	0	0.000	81	78	79	34	32	33	1298	1061	1102	1.459
4/9/2002	<1	<1	<1	13.0	13.0	13.0	75	71	73	30	30	30	0	0	0	0.000	82	78	80	34	32	33	1218	871	1007	0.956
4/10/2002	<1	<1	<1	13.0	13.0	13.0	75	71	73	30	30	30	0	0	0	0.000	84	78	81	34	29	31	1049	239	636	1.039
4/11/2002	<1	<1	<1	13.0	13.0	12.0	74	65	71	30	30	30	0	0	0	0.000	84	78	81	34	28	31	1202	0	756	1.575
4/12/2002	<1	<1	<1	13.0	13.0	13.0	74	61	67	30	29	30	0	0	0	0.000	84	78	81	35	31	33	1283	663	1097	1.616
4/13/2002	<1	<1	<1	13.0	13.0	13.0	75	70	72	30	29	30	0	0	0	0.000	84	79	81	34	30	33	1289	507	1117	1.606
4/14/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	29	30	0	0	0	0.000	85	79	82	35	32	33	1273	1046	1118	1.484
4/15/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	29	30	0	0	0	0.000	85	80	82	35	32	33	1278	826	1025	1.279
4/16/2002	<1	<1	<1	13.0	13.0	13.0	74	69	72	30	29	30	0	0	0	0.000	86	80	83	33	30	32	1135	0	883	1.281
4/17/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	29	30	0	0	0	0.000	86	81	83	33	26	32	1075	325	888	1.441
4/18/2002	<1	<1	<1	13.0	13.0	13.0	73	68	71	30	29	30	0	0	0	0.000	86	81	83	33	32	33	1124	867	1011	1.590
4/19/2002	<1	<1	<1	13.0	13.0	13.0	73	68	71	30	29	30	0	0	0	0.000	86	81	83	34	33	33	1253	1046	1098	1.498
4/20/2002	<1	<1	<1	13.0	13.0	13.0	73	68	71	30	29	30	0	0	0	0.000	87	81	84	35	32	33	1443	836	1033	1.309
4/21/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	29	30	0	0	0	0.000	87	81	84	33	32	32	1115	829	895	1.462
4/22/2002	<1	<1	<1	13.0	13.0	13.0	75	68	72	30	29	30	0	0	0	0.000	89	81	85	34	31	33	1265	0	1040	1.576
4/23/2002	<1	<1	<1	13.0	13.0	13.0	75	68	72	30	29	30	0	0	0	0.000	90	82	86	34	31	33	1320	845	1084	1.573
4/24/2002	<1	<1	<1	13.0	13.0	13.0	74	68	72	30	29	30	0	0	0	0.000	91	83	86	34	33	33	1250	1042	1090	1.579
4/25/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	29	30	0	0	0	0.000	89	84	86	34	33	33	1325	1054	1095	1.579
4/26/2002	<1	<1	<1	13.0	13.0	13.0	74	69	71	30	29	30	0	0	0	0.000	89	84	86	35	30	33	1301	885	1097	1.569
4/27/2002	<1	<1	<1	13.0	13.0	13.0	75	69	73	30	29	30	0	0	0	0.000	90	83	86	34	31	33	1274	601	1094	1.421
4/28/2002	<1	<1	<1	13.0	13.0	13.0	75	69	73	30	29	30	0	0	0	0.000	90	84	86	34	32	33	1226	841	977	1.390
4/29/2002	<1	<1	<1	13.0	13.0	13.0	75	69	73	30	29	30	0	0	0	0.000	90	84	86	35	32	33	1311	0	958	1.559
4/30/2002	<1	<1	<1	13.0	13.0	13.0	75	69	73	30	29	30	0	0	0	0.000	92	84	87	35	32	33	1344	1023	1091	1.521
5/1/2002	<1	<1	<1	13.0	13.0	13.0	75	69	73	30	29	30	0	0	0	0.000	92	85	88	35	31	33	1327	691	1065	1.58
5/3/2002	<1	<1	<1	13.0	13.0	13.0	75	68	72	30	29	30	0	0	0	0.000	92	85	88	35	32	33	1311	874	1094	1.59
5/4/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	29	30	0	0	0	0.000	92	85	88	35	33	33	1325	1066	1090	1.55

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM.
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
5/4/2002	<1	<1	<1	13.0	13.0	13.0	74	68	71	30	29	30	0	0	0	0.00	92	85	88	35	31	33	1211	924	1091	1.61
5/5/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	30	29	30	0	0	0	0.00	92	81	88	34	33	33	1202	1056	1091	1.57
5/6/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	86	89	35	33	33	1307	0	1089	1.57
5/7/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	86	89	35	32	33	1281	1053	1089	1.56
5/8/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	87	89	36	33	33	1298	1061	1090	1.59
5/10/2002	<1	<1	<1	13.0	13.0	13.0	72	67	69	30	29	30	0	0	0	0.00	92	87	89	36	32	33	1248	1020	1095	1.55
5/11/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	87	89	35	31	33	1297	576	1074	1.57
5/12/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	87	89	36	31	33	1255	572	1093	1.57
5/13/2002	<1	<1	<1	13.0	13.0	13.0	71	67	69	30	29	30	0	0	0	0.00	92	88	89	34	33	33	1207	1067	1090	1.58
5/14/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	30	29	30	0	0	0	0.00	93	88	90	35	33	33	1260	1065	1093	1.59
5/15/2002	<1	<1	<1	13.0	13.0	13.0	74	68	72	30	29	30	0	0	0	0.00	93	88	90	35	32	33	1289	1044	1093	1.54
5/16/2002	<1	<1	<1	13.0	13.0	13.0	75	70	72	30	30	30	0	0	0	0.00	95	88	91	35	31	33	1260	0	1070	1.57
5/17/2002	<1	<1	<1	13.0	13.0	13.0	75	71	72	31	30	30	0	0	0	0.00	94	88	90	34	31	33	1209	444	1091	1.35
5/18/2002	<1	<1	<1	13.0	13.0	13.0	75	71	72	30	30	30	0	0	0	0.00	94	88	90	38	25	33	1682	0	929	1.28
5/19/2002	<1	<1	<1	13.0	13.0	13.0	75	71	73	30	30	30	0	0	0	0.00	94	88	91	34	32	33	1069	826	887	1.27
5/20/2002	<1	<1	<1	13.0	13.0	13.0	76	72	73	30	30	30	0	0	0	0.00	94	89	91	34	29	33	1093	337	873	1.28
5/21/2002	<1	<1	<1	13.0	13.0	13.0	74	70	71	30	30	30	0	0	0	0.00	93	88	89	35	30	33	1059	822	886	1.33
5/22/2002	<1	<1	<1	13.0	13.0	13.0	65	63	61	30	30	30	0	0	0	0.00	95	87	90	35	30	33	1235	347	927	1.30
5/23/2002	<1	<1	<1	13.0	13.0	13.0	66	58	52	30	30	30	0	0	0	0.00	96	88	91	35	31	33	1064	834	895	1.28
5/24/2002	<1	<1	<1	13.0	13.0	13.0	74	69	59	30	30	30	0	0	0	0.00	94	88	91	34	31	33	1062	0	897	1.30
5/25/2002	<1	<1	<1	13.0	13.0	13.0	73	69	71	30	30	30	0	0	0	0.00	94	73	82	40	29	33	1723	95	888	1.28
5/26/2002	<1	<1	<1	13.0	13.0	13.0	73	69	71	30	30	30	0	0	0	0.00	78	73	75	33	32	33	1058	0	892	1.28
5/27/2002	<1	<1	<1	13.0	13.0	13.0	73	69	70	30	30	30	0	0	0	0.00	78	73	75	34	32	33	1057	833	897	1.30
5/28/2002	<1	<1	<1	13.0	13.0	13.0	73	68	70	30	30	30	0	0	0	0.00	78	74	76	34	30	33	1090	806	896	1.32
5/29/2002	<1	<1	<1	13.0	13.0	13.0	72	68	70	30	30	30	0	0	0	0.00	79	75	77	34	32	33	1057	850	901	1.45
5/31/2002	<1	<1	<1	13.0	13.0	13.0	74	68	70	30	30	30	0	0	0	0.00	79	75	77	35	32	33	1229	856	1021	1.58
6/1/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	68	70	30	30	30	0	0	0	0.00	81	75	78	35	33	33	1248	1048	1089	1.40
6/2/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	67	70	30	30	30	0	0	0	0.00	82	76	78	35	32	33	1220	0	965	1.17
6/3/2002	0.0	0.0	0.0	13.0	13.0	13.0	74	68	71	30	30	30	0	0	0	0.00	83	76	78	34.0	26.0	32.0	1047.00	324.00	1111.00	1.29
6/4/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	68	70	30	30	30	0	0	0	0.00	83	76	78	35.0	32.0	32.0	1065.00	302.00	1118.00	1.45
6/5/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	68	70	30	30	30	0	0	0	0.00	81	75	78	35.0	32.0	33.0	1111.00	0.00	1000.00	1.55
6/6/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	70	30	30	30	0	0	0	0.00	83	76	81	38.0	29.0	33.0	1001.00	0.00	1000.00	0.74
6/7/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	70	30	30	30	0	0	0	0.00	83	76	80	37.0	30.0	33.0	1008.00	0.00	1000.00	0.90
6/8/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	71	30	30	30	0	0	0	0.00	83	76	78	32.0	30.0	31.0	0.00	0.00	0.00	0.00
6/9/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/10/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/11/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/12/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/13/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/14/2002	0.0	0.0	0.0	13.0	3.0	12.0	72	68	72	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/15/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	71	30	30	30	0	0	0	0.00	83	76	80	30.0	30.0	30.0	0.00	0.00	0.00	0.00
6/16/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	71	30	30	30	0	0	0	0.00	83	76	80	38.0	30.0	31.0	1000.00	0.00	1000.00	0.00
6/17/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	75	30	30	30	0	0	0	0.00	83	76	80	32.0	31.0	31.0	0.00	0.00	0.00	0.00
6/18/2002	0.0	0.0	0.0	13.0	13.0	13.0	73	68	75	30	30	30	0	0	0	0.00	83	76	80	31.0	29.0	30.0	0.00	0.00	0.00	0.00
6/19/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	68	68	30	30	30	0	0	0	0.00	83	76	80	31.0	29.0	30.0	0.00	0.00	0.00	0.00
6/20/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	67	68	30	30	30	0	0	0	0.00	83	76	80	30.0	29.0	30.0	0.00	0.00	0.00	0.00
6/21/2002	0.0	0.0	0.0	13.0	13.0	13.0	72	67	68	30	30	30	0	0	0	0.00	83	76	80	30.0	29.0	30.0	0.00	0.00	0.00	0.00
6/22/2002	0.0	0.0	0.0	13.0	13.0	13.0	71	67	68	30	30	30	0	0	0	0.00	83	76	80	30.0	29.0	30.0	0.00	0.00	0.00	0.00
6/23/2002	0.0	0.0	0.0	13.0	13.0	13.0	69	67	68	30	30	30	0	0	0	0.00	83	76	80	30.0	29.0	30.0	0.00	0.00	0.00	0.00

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPD)			IW-1 Total (GPD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPD)			IW-2 Total (GPD)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min
6/24/2002	0.0	0.0	0.0	13.0	13.0	13.0																						
6/25/2002	0.0	0.0	0.0	13.0	13.0	13.0																						
6/26/2002	0.0	0.0	0.0	13.0	13.0	13.0																						
6/27/2002	0.0	0.0	0.0	13.0	13.0	13.0																						
6/28/2002	0.0	0.0	0.0	13.0	13.0	13.0																						
6/29/2002	0.0	0.0	0.0	13.0	13.0	13.0																						
6/30/2002	0.0	0.0	0.0	13.0	13.0	13.0																						
7/1/2002																												0.00
7/2/2002																												0.00
7/3/2002																												0.00
7/4/2002																												0.00
7/5/2002																												0.00
7/6/2002																												0.00
7/7/2002																												0.00
7/8/2002																												0.00
7/9/2002																												0.00
7/10/2002																												0.00
7/11/2002																												0.00
7/12/2002																												0.00
7/13/2002																												0.00
7/14/2002																												0.00
7/15/2002																												0.00
7/16/2002																												0.00
7/17/2002																												0.00
7/18/2002																												0.00
7/19/2002																												0.00
7/20/2002																												0.00
7/21/2002																												0.00
7/22/2002																												0.00
7/23/2002																												0.00
7/24/2002																												0.00
7/25/2002																												0.00
7/26/2002																												0.00
7/27/2002																												0.00
7/28/2002																												0.00
7/29/2002																												0.00
7/30/2002																												0.00
7/31/2002																												0.00
8/1/2002	<1	<1	<1	30.0	30.0	30.0	71	66	68	35	28	32	1200	1010	1078	1.575	97	89	92	30	30	30	0	0	0	0	0	0.000
8/2/2002	<1	<1	<1	30.0	30.0	30.0	71	65	69	35	27	32	1253	1028	1079	1.527	97	89	93	30	30	30	0	0	0	0	0	0.000
8/3/2002	<1	<1	<1	30.0	30.0	30.0	71	66	69	35	30	33	1218	677	1067	1.421	97	90	93	30	30	30	0	0	0	0	0	0.000
8/4/2002	<1	<1	<1	30.0	30.0	30.0	71	66	69	38	28	33	1562	0	964	1.498	97	90	92	30	30	30	0	0	0	0	0	0.000
8/5/2002	<1	<1	<1	30.0	30.0	30.0	73	67	70	36	29	31	1229	770	1050	1.553	96	89	92	30	30	30	0	0	0	0	0	0.000
8/6/2002	<1	<1	<1	30.0	30.0	30.0	73	67	70	35	26	34	1227	0	1074	1.534	97	89	92	30	30	30	0	0	0	0	0	0.000
8/7/2002	<1	<1	<1	30.0	30.0	30.0	73	67	71	37	25	34	1415	133	1065	1.503	97	90	92	30	30	30	0	0	0	0	0	0.000
8/8/2002	<1	<1	<1	30.0	30.0	30.0	73	68	71	35	32	34	1249	823	1049	1.265	95	90	91	30	30	30	0	0	0	0	0	0.000
8/9/2002	<1	<1	<1	30.0	30.0	30.0	76	70	72	34	31	33	1161	622	873	1.279	97	89	92	30	30	30	0	0	0	0	0	0.000
8/10/2002	<1	<1	<1	30.0	30.0	30.0	74	70	72	34	32	33	1054	0	891	1.404	95	90	92	30	30	30	0	0	0	0	0	0.000
8/11/2002	<1	<1	<1	30.0	30.0	30.0	74	70	72	35	31	34	1217	582	979	1.456	95	90	92	30	30	30	0	0	0	0	0	0.000
8/12/2002	<1	<1	<1	30.0	30.0	30.0	76	70	72	35	31	34	1198	0	1012	1.251	96	90	91	30	30	30	0	0	0	0	0	0.000
8/13/2002	<1	<1	<1	31.0	30.0	30.0	75	70	72	50	31	36	2414	0	1217	1.895	97	90	92	31	30	30	0	0	0	0	0	0.000

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
8/14/2002	<1	<1	<1	31.0	31.0	31.0	71	63	67	35	30	33	1206	352	959	1.314	97	91	93	31	31	31	0	0	0	0.000
8/15/2002	<1	<1	<1	31.0	30.0	28.0	72	63	64	35	31	31	1253	0	922	1.574	97	91	87	31	31	28	0	0	0	0.000
8/16/2002	<1	<1	<1	30.0	30.0	30.0	71	63	68	35	31	34	1250	0	1084	1.423	97	91	94	30	30	30	0	0	0	0.000
8/17/2002	<1	<1	<1	30.0	30.0	30.0	70	63	67	35	31	33	1245	0	993	1.312	97	91	94	30	30	30	0	0	0	0.000
8/18/2002	<1	<1	<1	30.0	30.0	30.0	71	65	67	37	32	33	1264	582	898	1.466	97	91	94	30	30	30	0	0	0	0.000
8/20/2002	<1	<1	<1	30.0	30.0	30.0	71	65	67	36	32	33	1249	0	1037	1.559	97	91	95	30	30	30	0	0	0	0.000
8/21/2002	<1	<1	<1	30.0	30.0	30.0	71	64	67	36	34	34	1286	1019	1085	1.568	99	92	95	30	30	30	0	0	0	0.000
8/22/2002	<1	<1	<1	30.0	30.0	30.0	71	65	67	36	34	34	1231	0	1077	1.420	99	92	94	30	30	30	0	0	0	0.000
8/23/2002	<1	<1	<1	30.0	30.0	30.0	70	65	67	36	32	34	1220	833	983	1.420	97	91	94	30	30	30	0	0	0	0.000
8/24/2002	<1	<1	<1	30.0	30.0	30.0	71	65	67	36	31	34	1234	632	1005	1.370	98	92	94	30	30	30	0	0	0	0.000
8/25/2002	<1	<1	<1	30.0	30.0	30.0	71	65	67	36	30	34	1223	346	971	1.304	99	92	94	30	30	30	0	0	0	0.000
8/26/2002	<1	<1	<1	30.0	30.0	30.0	72	65	69	36	32	33	1083	778	861	1.475	99	92	94	30	30	30	0	0	0	0.000
8/27/2002	<1	<1	<1	30.0	30.0	30.0	71	65	69	36	32	34	1230	0	1042	1.509	100	92	95	30	30	30	0	0	0	0.000
8/28/2002	<1	<1	<1	30.0	30.0	30.0	76	69	72	41	29	34	1242	817	1046	1.543	100	76	89	30	30	30	0	0	0	0.000
8/29/2002	<1	<1	<1	30.0	30.0	30.0	76	72	74	36	34	34	1591	0	1070	1.564	81	76	77	30	30	30	0	0	0	0.000
8/30/2002	<1	<1	<1	30.0	30.0	30.0	75	72	74	38	30	35	1256	0	1089	1.517	81	76	77	30	30	30	0	0	0	0.000
8/31/2002	<1	<1	<1	30.0	30.0	30.0	75	72	72	36	30	35	1426	1	1051	1.566	82	76	78	30	30	30	0	0	0	0.000
9/1/2002	<1	<1	<1	14.0	13.0	13.0	73	70	71	36	33	35	1224	0	1082	1.562	82	76	79	30	30	30	0	0	0	0.000
9/2/2002	<1	<1	<1	14.0	13.0	13.0	75	70	72	36	32	35	1208	0	1069	1.514	82	77	80	30	30	30	0	0	0	0.000
9/3/2002	<1	<1	<1	14.0	13.0	13.0	76	70	74	35	32	34	1212	0	1074	1.379	84	75	80	30	30	30	0	0	0	0.000
9/4/2002	<1	<1	<1	14.0	13.0	13.0	78	75	76	35	33	34	1069	0	955	1.267	85	76	80	30	30	30	0	0	0	0.000
9/5/2002	<1	<1	<1	14.0	13.0	14.0	75	71	72	35	32	34	1083	0	872	1.478	84	78	80	30	30	30	0	0	0	0.000
9/6/2002	<1	<1	<1	14.0	13.0	14.0	65	62	64	35	34	34	1190	840	1028	1.523	84	79	80	30	30	30	0	0	0	0.000
9/7/2002	<1	<1	<1	14.0	13.0	14.0	78	60	64	35	33	34	1179	1024	1062	1.449	84	79	80	30	30	30	0	0	0	0.000
9/8/2002	<1	<1	<1	14.0	13.0	14.0	78	73	76	31	31	31	1207	852	1009	0.841	84	79	81	30	30	30	1431	0	541	0.774
9/9/2002	<1	<1	<1	14.0	13.0	14.0	75	72	73	33	32	32	0	0	0	0.000	86	79	82	43	30	33	1769	0	503	1.483
9/10/2002	<1	<1	<1	14.0	13.0	14.0	76	72	73	32	31	31	0	0	0	0.000	87	81	83	36	34	35	1230	1043	1096	1.472
9/11/2002	<1	<1	<1	14.0	13.0	13.0	76	73	73	31	30	31	0	0	0	0.000	83	76	80	35	0	34	1215	855	1015	1.305
9/12/2002	<1	<1	<1	14.0	13.0	13.0	76	71	75	31	31	30	0	0	0	0.000	80	77	78	35	0	34	1127	388	908	1.288
9/13/2002	<1	<1	<1	14.0	13.0	13.0	75	72	74	30	30	30	0	0	0	0.000	83	78	80	35	0	34	1024	0	897	1.305
9/14/2002	<1	<1	<1	14.0	13.0	13.0	75	72	74	30	30	30	0	0	0	0.031	83	78	81	36	33	34	1051	856	903	1.450
9/15/2002	<1	<1	<1	14.0	13.0	13.0	75	72	74	31	30	31	0	0	0	0.000	85	78	81	39	31	35	1401	0	1037	1.478
9/16/2002	<1	<1	<1	14.0	13.0	13.0	75	72	74	31	30	31	0	0	0	0.000	85	79	82	39	31	35	1210	295	1072	1.436
9/17/2002	<1	<1	<1	14.0	13.0	13.0	75	72	74	31	30	31	0	0	0	0.000	86	79	82	37	0	35	1243	341	1077	1.556
9/18/2002	<1	<1	<1	14.0	13.0	13.0	75	73	74	31	30	31	0	0	0	0.000	86	80	82	39	30	35	1408	0	1074	1.549
9/19/2002	<1	<1	<1	14.0	13.0	13.0	75	73	74	30	30	30	0	0	0	0.000	86	80	82	39	31	35	1248	2	1075	1.561
9/20/2002	<1	<1	<1	14.0	13.0	13.0	77	73	75	30	30	30	0	0	0	0.000	86	81	82	36	34	35	1212	1045	1077	1.552
9/21/2002	<1	<1	<1	14.0	13.0	13.0	76	73	75	30	30	30	0	0	0	0.000	86	81	83	36	0	35	1247	1047	1078	1.562
9/22/2002	<1	<1	<1	14.0	13.0	13.0	76	74	75	30	30	30	0	0	0	0.000	86	81	83	36	0	35	1187	1050	1080	1.550
9/23/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	85	81	83	36	34	35	1217	0	1078	1.447
9/24/2002	<1	<1	<1	14.0	13.0	13.0	76	72	75	30	30	30	0	0	0	0.000	87	81	83	36	33	34	1187	826	981	1.249
9/25/2002	<1	<1	<1	14.0	13.0	13.0	76	73	75	30	30	30	0	0	0	0.000	86	80	83	38	0	34	1412	0	876	1.258
9/26/2002	<1	<1	<1	14.0	13.0	13.0	76	74	75	30	30	30	0	0	0	0.000	88	82	85	36	32	34	1203	484	869	1.450
9/27/2002	<1	<1	<1	14.0	13.0	13.0	76	73	75	30	30	30	0	0	0	0.000	88	80	82	36	33	35	1217	0	1018	1.556
9/28/2002	<1	<1	<1	14.0	13.0	14.0	75	73	74	30	30	30	0	0	0	0.000	83	77	80	36	34	35	1196	1029	1082	1.566
9/29/2002	<1	<1	<1	14.0	13.0	14.0	75	72	73	30	30	30	0	0	0	0.000	82	77	79	36	34	35	1223	860	1081	1.526
9/30/2002	<1	<1	<1	14.0	13.0	14.0	75	72	73	30	30	30	0	0	0	0.000	82	78	79	36	32	35	1181	629	1049	1.300
10/1/2002	<1	<1	<1	14.0	13.0	14.0	74	72	73	30	30	30	0	0	0	0.000	83	78	80	35	32	34	1015	601	890	1.275
10/2/2002	<1	<1	<1	14.0	13.0	14.0	74	72	73	30	30	30	0	0	0	0.000	83	78	80	35	33	34	1036	841	901	1.527

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (GPD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (GPD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
10/4/2002	<1	<1	<1	14.0	13.0	14.0	74	72	73	30	30	30	0	0	0	0.000	84	79	80	37	33	35	1242	857	1062	1.577
10/5/2002	<1	<1	<1	14.0	13.0	14.0	74	72	73	30	30	30	0	0	0	0.000	85	79	81	36	34	35	1204	1036	1087	1.556
10/6/2002	<1	<1	<1	14.0	13.0	14.0	74	71	72	30	30	30	0	0	0	0.000	85	79	81	36	33	34	1207	822	972	1.311
10/7/2002	<1	<1	<1	14.0	13.0	14.0	74	71	73	30	30	30	0	0	0	0.000	86	79	82	35	33	34	1063	808	902	1.535
10/8/2002	<1	<1	<1	14.0	13.0	14.0	74	72	73	30	30	30	0	0	0	0.000	85	79	82	37	34	35	1233	853	1082	1.591
10/9/2002	<1	<1	<1	14.0	13.0	13.0	76	72	74	30	30	30	0	0	0	0.000	86	79	82	37	34	35	1258	1018	1096	1.582
10/10/2002	<1	<1	<1	14.0	13.0	13.0	77	73	75	30	30	30	0	0	0	0.000	87	80	83	37	34	35	1223	1018	1084	1.540
10/12/2002	<1	<1	<1	14.0	13.0	13.0	78	75	76	30	30	30	0	0	0	0.000	87	80	83	36	33	35	1201	741	1073	1.528
10/13/2002	<1	<1	<1	14.0	13.0	13.0	78	75	76	30	30	30	0	0	0	0.000	87	80	83	36	33	35	1228	776	1061	1.584
10/14/2002	<1	<1	<1	14.0	13.0	13.0	75	72	73	30	30	30	0	0	0	0.000	87	81	83	37	34	35	1206	1026	1088	1.539
10/15/2002	<1	<1	<1	14.0	13.0	13.0	72	69	71	30	30	30	0	0	0	0.000	87	81	83	37	33	35	1205	860	1063	1.119
10/16/2002	<1	<1	<1	14.0	13.0	13.0	77	68	72	30	30	30	0	0	0	0.000	87	81	83	38	29	34	1753	0	771	1.525
10/17/2002	<1	<1	<1	14.0	13.0	13.0	78	77	78	30	30	30	0	0	0	0.000	87	81	83	36	33	35	1223	896	1097	1.598
10/18/2002	<1	<1	<1	14.0	13.0	13.0	79	76	78	30	30	30	0	0	0	0.000	87	80	83	36	33	35	1256	1036	1083	1.461
10/19/2002	<1	<1	<1	14.0	13.0	13.0	79	76	77	30	30	30	0	0	0	0.000	87	80	83	37	32	34	1243	690	1021	1.469
10/20/2002	<1	<1	<1	14.0	13.0	13.0	78	76	76	30	30	30	0	0	0	0.000	87	80	83	36	33	34	1246	0	1015	1.563
10/21/2002	<1	<1	<1	14.0	13.0	13.0	79	76	76	30	30	30	0	0	0	0.000	87	81	83	36	34	34	1232	1042	1080	1.539
10/22/2002	<1	<1	<1	14.0	13.0	13.0	79	76	78	30	30	30	0	0	0	0.000	88	82	84	36	34	34	1228	1045	1079	1.352
10/23/2002	<1	<1	<1	14.0	13.0	13.0	79	75	77	30	30	30	0	0	0	0.000	89	81	84	36	32	33	1188	0	923	1.328
10/24/2002	<1	<1	<1	14.0	13.0	13.0	79	75	77	30	30	30	0	0	0	0.000	88	81	84	34	32	33	1091	0	907	1.509
10/25/2002	<1	<1	<1	14.0	13.0	13.0	79	76	78	30	30	30	0	0	0	0.000	89	83	85	36	32	34	1215	0	1057	1.451
10/26/2002	<1	<1	<1	14.0	13.0	13.0	79	76	77	30	30	30	0	0	0	0.000	89	83	85	36	31	34	1233	494	1006	1.529
10/27/2002	<1	<1	<1	14.0	13.0	13.0	79	76	76	30	30	30	0	0	0	0.000	89	83	85	36	32	34	1215	849	1042	1.384
10/28/2002	<1	<1	<1	14.0	13.0	13.0	79	76	76	30	30	30	0	0	0	0.000	90	83	86	36	32	33	1187	841	934	1.293
10/29/2002	<1	<1	<1	14.0	13.0	13.0	78	75	77	30	30	30	0	0	0	0.000	91	84	86	35	31	33	1077	67	898	1.394
10/30/2002	<1	<1	<1	14.0	13.0	13.0	78	75	77	30	30	30	0	0	0	0.000	90	84	86	38	28	33	1418	0	976	1.442
10/31/2002	<1	<1	<1	14.0	13.0	13.0	78	75	76	30	30	30	0	0	0	0.000	90	76	82	35	31	33	1077	67	898	1.437
11/1/2002	<1	<1	<1	14.0	13.0	13.0	78	75	76	30	30	30	0	0	0	0.000	82	75	77	36	32	33	1244	828	998	1.541
11/2/2002	<1	<1	<1	14.0	13.0	13.0	77	75	75	30	30	30	0	0	0	0.000	80	75	77	36	30	34	1238	0	1048	1.355
11/3/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	80	75	77	36	33	34	1234	855	963	1.351
11/4/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	80	75	77	35	33	34	1101	830	933	1.532
11/5/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	81	75	77	35	33	34	1194	990	1056	1.513
11/6/2002	<1	<1	<1	14.0	13.0	13.0	76	73	74	30	30	30	0	0	0	0.000	81	76	78	35	33	34	1160	989	1053	1.526
11/7/2002	<1	<1	<1	14.0	13.0	13.0	75	73	74	30	30	30	0	0	0	0.000	81	76	79	35	33	34	1175	1004	1053	1.509
11/8/2002	<1	<1	<1	14.0	13.0	13.0	76	73	74	30	30	30	0	0	0	0.000	81	74	77	36	33	34	1190	992	1050	1.401
11/9/2002	<1	<1	<1	14.0	13.0	13.0	76	73	74	30	30	30	0	0	0	0.000	81	74	78	35	33	34	1193	852	964	1.486
11/10/2002	<1	<1	<1	14.0	13.0	13.0	76	73	74	30	30	30	0	0	0	0.000	81	76	78	42	30	34	1698	0	1031	1.485
11/12/2002	<1	<1	<1	14.0	13.0	13.0	77	73	75	30	30	30	0	0	0	0.000	84	76	79	35	33	34	1168	825	1029	1.486
11/12/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	84	77	79	35	33	34	1206	974	1038	1.506
11/13/2002	<1	<1	<1	14.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	84	78	80	35	33	34	1214	979	1035	1.494
11/14/2002	<1	<1	<1	14.0	12.0	12.0	77	74	75	30	29	30	0	0	0	0.000	81	76	78	35	30	34	1196	485	1044	1.497
11/15/2002	<1	<1	<1	13.0	13.0	13.0	79	76	77	30	29	30	0	0	0	0.000	82	76	78	48	29	34	2266	123	1029	1.495
11/16/2002	<1	<1	<1	13.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	83	77	79	35	33	34	1178	983	1047	1.457
11/17/2002	<1	<1	<1	13.0	13.0	13.0	74	72	73	30	30	30	0	0	0	0.000	81	78	79	47	29	34	2184	0	997	1.429
11/18/2002	<1	<1	<1	13.0	13.0	13.0	74	72	73	30	30	30	0	0	0	0.000	80	76	78	35	30	34	1192	185	1011	1.475
11/19/2002	<1	<1	<1	13.0	13.0	13.0	77	73	75	30	30	30	0	0	0	0.000	80	73	77	35	31	34	1169	730	1016	1.490
11/20/2002	<1	<1	<1	13.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	81	75	78	35	33	34	1190	987	1032	1.109
11/21/2002	<1	<1	<1	13.0	13.0	13.0	77	73	74	30	30	30	0	0	0	0.000	82	76	79	35	30	33	1206	168	773	1.064
11/22/2002	<1	<1	<1	13.0	13.0	13.0	75	74	73	30	30	30	0	0	0	0.000	82	75	79	33	29	33	919	0	735	1.062
11/23/2002	<1	<1	<1	13.0	13.0	13.0	75	73	73	30	30	30	0	0	0	0.000	82	77	79	33	31	33	899	698	737	1.064

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (MGD)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot
11/24/2002	<1	<1	<1	13.0	13.0	13.0	77	73	75	30	30	30	0	0	0	0.000	81	75	78	33	31	33	934	659	740	1.070			
11/25/2002	<1	<1	<1	13.0	13.0	13.0	77	74	75	30	30	30	0	0	0	0.000	82	75	78	34	31	33	932	696	739	1.279			
11/26/2002	<1	<1	<1	13.0	13.0	13.0	76	74	75	30	30	30	0	0	0	0.000	82	77	79	34	31	33	932	696	739	1.279			
11/27/2002	<1	<1	<1	13.0	13.0	13.0	75	73	74	30	30	30	0	0	0	0.000	83	78	80	35	33	34	1189	995	1037	1.486			
11/28/2002	<1	<1	<1	13.0	13.0	13.0	76	72	74	30	30	30	0	0	0	0.000	83	77	80	35	33	34	1174	1012	1035	1.384			
11/30/2002	<1	<1	<1	13.0	13.0	13.0	79	74	76	30	30	30	0	0	0	0.000	81	74	78	35	32	33	1142	837	952	1.089			
12/1/2002	<1	<1	<1	13.0	13.0	13.0	79	76	76	30	30	30	0	0	0	0.00	83	76	78	34	31	32	1053	479	757	1.02			
12/2/2002	<1	<1	<1	13.0	13.0	13.0	78	75	76	30	30	30	0	0	0	0.00	83	76	78	34	31	32	1097	560	716	1.29			
12/3/2002	<1	<1	<1	13.0	13.0	13.0	77	75	76	30	30	30	0	0	0	0.00	84	77	79	34	32	33	1125	819	885	1.26			
12/4/2002	<1	<1	<1	13.0	13.0	13.0	77	75	75	30	30	30	0	0	0	0.00	83	77	79	34	32	33	1088	812	881	1.27			
12/5/2002	<1	<1	<1	13.0	13.0	13.0	78	75	75	30	30	30	0	0	0	0.00	85	79	81	35	27	33	1303	0	855	1.30			
12/6/2002	<1	<1	<1	13.0	12.0	13.0	80	76	78	30	30	30	0	0	0	0.00	85	79	81	35	32	33	1160	829	884	1.21			
12/8/2002	<1	<1	<1	13.0	12.0	13.0	78	76	77	30	30	30	0	0	0	0.00	85	78	80	34	31	33	1069	570	853	1.09			
12/9/2002	<1	<1	<1	13.0	12.0	13.0	78	76	77	30	30	30	0	0	0	0.00	83	79	80	35	30	32	1047	537	749	1.46			
12/11/2002	<1	<1	<1	13.0	12.0	13.0	79	76	77	30	30	30	0	0	0	0.00	84	79	81	35	30	32	1200	830	1015	1.10			
12/12/2002	<1	<1	<1	13.0	12.0	13.0	79	77	78	30	29	29	0	0	0	0.00	85	80	82	43	22	32	2024	0	649	0.22			
12/13/2002	<1	<1	<1	13.0	13.0	13.0	80	77	78	29	28	28	0	0	0	0.00	84	80	82	43	21	28	2638	0	127	1.49			
12/15/2002	<1	<1	<1	13.0	13.0	13.0	80	78	79	29	29	29	0	0	0	0.00	83	78	80	40	30	33	1805	65	1037	1.47			
12/16/2002	<1	<1	<1	13.0	13.0	13.0	83	79	81	29	29	29	0	0	0	0.00	79	74	76	35	32	33	1198	971	1027	1.47			
12/17/2002	<1	<1	<1	13.0	13.0	13.0	83	80	81	30	29	29	0	0	0	0.00	79	74	76	35	32	33	1200	0	1024	1.38			
12/18/2002	<1	<1	<1	13.0	13.0	13.0	86	81	83	42	29	31	1677	0	864	0.32	78	72	74	35	31	33	1221	0	961	0.38			
12/20/2002	<1	<1	<1	13.0	13.0	13.0	83	81	82	37	32	33	1144	795	864	1.13	78	72	74	32	30	32	0	0	0	0.00			
12/21/2002	<1	<1	<1	13.0	13.0	13.0	81	79	80	34	27	33	1543	0	789	1.24	78	72	74	33	32	32	0	0	0	0.00			
12/22/2002	<1	<1	<1	13.0	13.0	13.0	82	79	80	34	31	33	993	652	856	1.08	77	72	74	32	32	32	0	0	0	0.00			
12/23/2002	<1	<1	<1	13.0	13.0	13.0	82	79	80	44	29	33	2005	0	833	1.29	77	69	72	32	32	32	0	0	0	0.00			
12/24/2002	<1	<1	<1	13.0	13.0	13.0	81	78	79	52	32	33	2436	425	899	1.20	76	70	73	32	31	31	0	0	0	0.00			
12/25/2002	<1	<1	<1	13.0	13.0	13.0	79	77	78	40	22	33	1568	0	825	1.38	76	73	74	32	31	31	0	0	0	0.00			
12/27/2002	<1	<1	<1	13.0	13.0	13.0	78	76	77	35	32	34	1155	708	968	0.99	76	71	74	32	31	31	0	0	0	0.00			
12/28/2002	<1	<1	<1	13.0	13.0	13.0	81	77	79	34	32	33	1376	0	688	1.25	75	68	71	31	31	31	0	0	0	0.00			
12/29/2002	<1	<1	<1	13.0	13.0	13.0	79	77	78	34	31	32	1075	668	863	1.12	75	69	71	31	30	31	0	0	0	0.00			
12/30/2002	<1	<1	<1	13.0	13.0	13.0	81	77	79	34	31	32	1011	597	765	1.17	74	69	71	30	30	30	0	0	0	0.00			
12/31/2002	<1	<1	<1	13.0	13.0	13.0	81	78	79	34	32	32	994	781	826	1.18	75	68	70	30	30	30	0	0	0	0.00			
1/1/2003	<1	<1	<1	14.0	13.0	13.0	79	78	78	34	32	33	960	780	824	1.20	74	68	70	30	30	30	0	0	0	0.00			
1/2/2003	<1	<1	<1	14.0	13.0	13.0	79	78	78	35	31	33	989	756	835	1.272	75	71	73	30	30	30	0	0	0	0.00			
1/3/2003	<1	<1	<1	14.0	13.0	13.0	82	79	80	34	31	33	1134	713	888	1.083	76	72	74	30	30	30	0	0	0	0.00			
1/4/2003	<1	<1	<1	14.0	13.0	13.0	81	78	80	37	31	32	927	0	750	1.000	78	71	74	30	30	30	0	0	0	0.00			
1/5/2003	<1	<1	<1	14.0	13.0	13.0	81	78	80	37	31	32	980	0	689	1.071	73	70	72	30	30	30	0	0	0	0.00			
1/6/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	34	31	32	891	659	736	1.242	73	68	70	29	30	29	0	0	0	0.00			
1/7/2003	<1	<1	<1	14.0	13.0	13.0	73	69	72	35	32	33	1054	790	864	1.337	75	68	71	29	29	29	0	0	0	0.00			
1/8/2003	<1	<1	<1	14.0	13.0	13.0	70	67	69	34	32	32	1179	701	931	1.091	74	69	71	29	29	29	0	0	0	0.00			
1/9/2003	<1	<1	<1	14.0	13.0	12.0	68	65	66	36	32	34	974	698	758	1.463	73	68	70	29	29	29	0	0	0	0.00			
1/10/2003	<1	<1	<1	14.0	13.0	13.0	66	63	64	35	32	33	1188	718	1016	1.260	73	68	70	29	25	29	0	0	0	0.00			
1/11/2003	<1	<1	<1	14.0	13.0	13.0	83	82	83	35	32	33	1075	813	880	1.263	73	68	70	29	29	29	0	0	0	0.00			
1/12/2003	<1	<1	<1	14.0	13.0	13.0	85	81	83	35	32	33	1075	819	879	1.339	75	68	71	29	29	29	0	0	0	0.00			
1/13/2003	<1	<1	<1	14.0	13.0	13.0	84	81	82	36	34	34	1199	966	1034	1.371	76	70	72	29	29	29	0	0	0	0.00			

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPD)				IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPD)				IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Min		Max	Avg	Max	Min	Avg	Max	Min	Avg	Min	Max	
1/14/2003	<1	<1	<1	14.0	13.0	13.0	84	81	82	36	32	34	1138	822	949	1,207	76	70	72	29	29	29	0	0	0	0.000		
1/15/2003	<1	<1	<1	14.0	13.0	13.0	83	81	82	35	32	33	1038	662	848	1,148	74	70	71	29	29	29	0	0	0	0.000		
1/16/2003	<1	<1	<1	14.0	13.0	13.0	85	81	83	35	32	33	1058	665	796	1,248	74	68	71	29	29	29	0	0	0	0.000		
1/17/2003	<1	<1	<1	14.0	13.0	13.0	86	82	83	35	32	33	1043	681	872	1,281	75	68	71	29	29	29	0	0	0	0.000		
1/19/2003	<1	<1	<1	14.0	13.0	13.0	85	82	83	35	32	33	1073	809	879	1,220	75	68	71	29	29	29	0	0	0	0.000		
1/19/2003	<1	<1	<1	14.0	13.0	13.0	85	82	84	35	32	33	1050	666	846	1,256	69	67	68	29	29	29	0	0	0	0.000		
1/23/2003	<1	<1	<1	14.0	13.0	13.0	87	84	85	35	32	33	1044	814	882	1,264	72	65	68	29	29	29	0	0	0	0.000		
1/27/2003	<1	<1	<1	14.0	13.0	13.0	87	84	85	35	32	33	1036	808	880	1,263	73	65	69	29	29	29	0	0	0	0.000		
1/27/2003	<1	<1	<1	14.0	13.0	13.0	88	84	86	35	32	33	1059	809	880	1,267	75	67	70	29	29	29	0	0	0	0.000		
1/29/2003	<1	<1	<1	14.0	13.0	13.0	87	84	86	46	27	33	2004	150	878	1,266	75	68	71	29	29	29	0	0	0	0.000		
1/30/2003	<1	<1	<1	14.0	13.0	13.0	85	82	83	35	32	33	1061	807	882	1,243	75	69	71	29	29	29	0	0	0	0.000		
1/31/2003	<1	<1	<1	14.0	12.0	13.0	87	81	86	35	31	32	1116	0	602	1,237	71	68	70	29	29	29	0	0	0	0.000		
1/30/2003	<1	<1	<1	14.0	13.0	13.0	86	83	84	35	31	33	1039	813	871	1,252	73	66	68	29	29	29	0	0	0	0.000		
1/27/2003	<1	<1	<1	14.0	13.0	13.0	84	81	82	35	32	33	1034	798	869	1,262	75	67	70	29	29	29	0	0	0	0.000		
1/29/2003	<1	<1	<1	14.0	13.0	13.0	83	80	81	35	32	33	1061	800	872	1,242	73	67	70	29	29	29	0	0	0	0.000		
1/29/2003	<1	<1	<1	14.0	13.0	13.0	83	80	81	35	32	33	1054	806	869	1,253	73	67	69	29	29	29	0	0	0	0.000		
1/30/2003	<1	<1	<1	14.0	13.0	13.0	81	79	80	36	32	33	1039	800	872	1,258	73	69	70	29	29	29	0	0	0	0.000		
1/31/2003	<1	<1	<1	14.0	13.0	13.0	81	79	80	35	33	33	1012	810	869	1,255	75	69	71	29	29	29	0	0	0	0.000		
2/1/2003	<1	<1	<1	14.0	13.0	13.0	81	78	79	35	33	33	1045	817	872	1,273	76	70	72	29	29	29	0	0	0	0.000		
2/2/2003	<1	<1	<1	14.0	13.0	13.0	81	78	79	35	33	33	1018	823	870	1,229	76	70	72	29	29	29	0	0	0	0.000		
2/3/2003	<1	<1	<1	14.0	13.0	13.0	83	78	80	35	33	33	1024	832	870	1,256	76	68	72	29	29	29	0	0	0	0.000		
2/4/2003	<1	<1	<1	14.0	13.0	13.0	82	79	80	35	33	33	1028	826	870	1,247	76	69	72	29	29	29	0	0	0	0.000		
2/5/2003	<1	<1	<1	14.0	13.0	13.0	82	79	80	35	32	33	1045	828	873	1,276	76	70	73	29	29	29	0	0	0	0.000		
2/5/2003	<1	<1	<1	14.0	13.0	13.0	80	79	80	35	33	33	1016	825	879	1,241	75	72	73	29	29	29	0	0	0	0.000		
2/7/2003	<1	<1	<1	14.0	13.0	13.0	82	79	80	35	33	33	1052	832	874	1,269	78	71	74	29	29	29	0	0	0	0.000		
2/8/2003	<1	<1	<1	14.0	13.0	13.0	83	79	81	35	33	33	1017	834	871	1,265	79	72	75	29	29	29	0	0	0	0.000		
2/9/2003	<1	<1	<1	14.0	13.0	13.0	82	79	81	35	33	33	976	830	871	1,245	77	73	75	29	29	29	0	0	0	0.000		
2/10/2003	<1	<1	<1	14.0	13.0	13.0	80	77	78	35	33	33	1034	833	875	1,554	78	72	75	29	29	29	0	0	0	0.000		
2/11/2003	<1	<1	<1	14.0	13.0	13.0	77	74	76	36	33	35	1208	856	1080	1,554	78	73	76	29	29	29	0	0	0	0.000		
2/12/2003	<1	<1	<1	14.0	13.0	13.0	74	71	73	36	34	35	1218	915	1088	1,582	78	73	76	29	29	29	0	0	0	0.000		
2/13/2003	<1	<1	<1	14.0	13.0	12.0	75	69	72	36	30	35	1275	1032	1097	1,567	78	72	75	29	23	29	0	0	0	0.000		
2/14/2003	<1	<1	<1	14.0	13.0	13.0	78	74	76	36	34	35	1228	1035	1085	1,287	78	72	75	29	29	29	0	0	0	0.000		
2/15/2003	<1	<1	<1	14.0	13.0	13.0	77	74	76	35	32	33	1115	820	893	1,255	78	72	75	29	29	29	0	0	0	0.000		
2/16/2003	<1	<1	<1	14.0	13.0	13.0	77	74	75	35	32	33	1031	831	878	1,259	80	73	76	29	29	29	0	0	0	0.000		
2/17/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	36	32	33	1036	803	875	1,351	80	75	77	29	29	29	0	0	0	0.000		
2/18/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	36	32	33	1115	806	931	1,558	79	75	76	29	29	29	0	0	0	0.000		
2/19/2003	<1	<1	<1	14.0	13.0	13.0	77	73	75	36	34	35	1224	1034	1094	1,570	79	73	75	29	29	29	0	0	0	0.000		
2/20/2003	<1	<1	<1	14.0	13.0	13.0	77	74	75	36	34	35	1244	0	1087	1,280	81	74	76	29	29	29	0	0	0	0.000		
2/21/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	36	33	33	1178	780	888	1,252	81	76	77	29	29	29	0	0	0	0.000		
2/22/2003	<1	<1	<1	14.0	13.0	13.0	75	73	74	35	33	33	1065	815	873	1,256	81	76	78	29	29	29	0	0	0	0.000		
2/23/2003	<1	<1	<1	14.0	13.0	13.0	74	73	73	35	33	33	1022	825	869	1,266	81	77	78	29	29	29	0	0	0	0.000		
2/24/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	35	33	33	1028	803	874	1,334	80	75	77	29	29	29	0	0	0	0.000		
2/25/2003	<1	<1	<1	14.0	13.0	13.0	76	74	75	37	33	33	1198	821	927	1,356	80	74	77	29	29	29	0	0	0	0.000		
2/26/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	43	27	35	1745	0	928	1,336	81	76	78	29	29	29	0	0	0	0.000		
2/27/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	42	28	34	1810	0	933	1,238	83	76	78	29	29	29	0	0	0	0.000		
2/28/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	35	32	33	1038	799	870	1,257	83	76	78	29	29	29	0	0	0	0.000		
3/1/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	35	32	33	1072	804	872	1,249	83	77	79	29	29	29	0	0	0	0		
3/2/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	35	32	33	1044	759	871	1,252	82	77	79	29	29	29	0	0	0	0		
3/3/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	35	32	33	1087	810	868	1,383	83	78	80	29	29	29	0	0	0	0		
3/4/2003	<1	<1	<1	14.0	13.0	13.0	77	74	74	36	31	34	1197	570	958	1,546	83	78	80	29	29	29	0	0	0	0		
3/4/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	36	31	35	1246	0	1074	0.892	84	79	81	29	29	29	967	0	1023	0.638		

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (PSI)			IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (PSI)						
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Std	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min
3/6/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	44	28	34	0	0	0	0.000	88	79	82	37	29	31	1342	0	418	1.381										
3/7/2003	<1	<1	<1	14.0	13.0	13.0	76	74	74	32	32	32	0	0	0	0.000	87	80	83	35	31	33	1289	0	960	1.307										
3/8/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	31	31	31	0	0	0	0.000	87	80	83	34	32	33	1061	844	907	1.563										
3/10/2003	<1	<1	<1	14.0	13.0	13.0	76	73	74	31	30	31	0	0	0	0.000	87	78	82	35	31	33	1273	858	1078	1.578										
3/11/2003	<1	<1	<1	14.0	13.0	13.0	75	73	73	30	30	30	0	0	0	0.000	79	72	76	35	33	33	1277	1036	1098	1.592										
3/12/2003	<1	<1	<1	14.0	13.0	13.0	75	73	73	30	30	30	0	0	0	0.000	74	68	70	35	33	33	1245	1059	1104	1.499										
3/13/2003	<1	<1	<1	14.0	13.0	12.0	75	72	73	37	28	31	0	0	0	0.000	72	67	69	35	32	33	1273	733	1044	1.32										
3/14/2003	<1	<1	<1	14.0	13.0	13.0	74	72	72	32	32	32	0	0	0	0.000	69	64	66	38	27	33	1580	0	904	1.576										
3/15/2003	<1	<1	<1	14.0	13.0	13.0	74	72	72	32	32	32	0	0	0	0.000	69	64	66	35	33	34	1270	1032	1097	1.588										
3/16/2003	<1	<1	<1	14.0	13.0	13.0	73	71	72	32	32	32	0	0	0	0.000	70	64	66	35	33	34	1252	1040	1097	1.409										
3/17/2003	<1	<1	<1	13.0	13.0	13.0	73	71	72	32	31	32	0	0	0	0.000	70	64	66	41	0	33	2082	0	982	1.108										
3/18/2003	<1	<1	<1	13.0	13.0	13.0	74	70	73	32	31	32	0	0	0	0.000	69	64	66	34	22	32	1031	0	796	1.032										
3/20/2003	<1	<1	<1	13.0	13.0	13.0	74	72	73	32	31	32	0	0	0	0.000	71	64	66	45	22	32	2810	0	689	1.503										
3/21/2003	<1	<1	<1	13.0	13.0	13.0	74	72	73	32	31	32	0	0	0	0.000	64	58	62	34	32	33	1237	852	1053	1.093										
3/22/2003	<1	<1	<1	13.0	13.0	13.0	74	72	73	32	31	32	0	0	0	0.000	59	54	57	40	28	32	1884	48	751	1.222										
3/23/2003	<1	<1	<1	13.0	13.0	13.0	75	73	74	32	31	32	0	0	0	0.000	56	52	54	34	31	32	1058	683	850	1.246										
3/24/2003	<1	<1	<1	13.0	13.0	13.0	76	74	75	31	31	31	0	0	0	0.000	54	50	52	39	23	32	1744	0	854	1.251										
3/25/2003	<1	<1	<1	13.0	13.0	13.0	74	71	73	31	31	31	0	0	0	0.000	52	48	49	35	31	32	1090	780	879	1.262										
3/28/2003	<1	<1	<1	13.0	13.0	13.0	72	69	70	31	31	31	0	0	0	0.000	50	47	48	34	31	32	1097	835	877	1.243										
3/27/2003	<1	<1	<1	13.0	13.0	13.0	69	67	68	31	31	31	0	0	0	0.000	50	46	47	34	28	32	1345	501	830	1.065										
3/29/2003	<1	<1	<1	13.0	13.0	13.0	67	64	66	31	31	31	0	0	0	0.000	72	65	69	34	31	32	922	674	763	1.263										
3/30/2003	<1	<1	<1	13.0	13.0	13.0	66	63	64	31	31	31	0	0	0	0.000	70	65	68	42	30	32	2225	200	760	1.203										
3/31/2003	<1	<1	<1	13.0	13.0	13.0	64	61	62	31	31	31	0	0	0	0.000	68	63	65	34	31	32	1085	663	835	1.297										
4/1/2003	<1	<1	<1	13.0	13.0	13.0	58	55	56	31	30	31	0	0	0	0.000	64	59	62	34	31	32	1071	828	895	1.29										
4/2/2003	<1	<1	<1	13.0	13.0	13.0	82	54	66	30	30	30	0	0	0	0.000	60	58	59	34	31	32	1073	828	896	1.098										
4/3/2003	<1	<1	<1	14.0	13.0	13.0	83	81	82	30	30	30	0	0	0	0.000	70	66	68	33	29	32	991	662	756	1.058										
4/4/2003	<1	<1	<1	14.0	13.0	13.0	81	79	80	30	30	30	0	0	0	0.000	68	65	66	34	30	32	1098	656	868	1.107										
4/5/2003	<1	<1	<1	14.0	13.0	13.0	79	76	78	30	30	30	0	0	0	0.000	67	63	65	34	30	32	1047	606	775	1.082										
4/6/2003	<1	<1	<1	14.0	13.0	13.0	76	74	75	30	30	30	0	0	0	0.000	66	63	64	33	30	32	907	651	740	1.103										
4/7/2003	<1	<1	<1	14.0	13.0	13.0	72	69	71	30	30	30	0	0	0	0.000	64	62	63	45	28	32	2332	0	805	1.287										
4/8/2003	<1	<1	<1	14.0	13.0	13.0	69	67	69	30	30	30	0	0	0	0.000	64	61	62	34	31	32	1051	822	891	1.127										
4/10/2003	<1	<1	<1	14.0	13.0	12.0	68	65	66	30	28	30	0	0	0	0.000	63	60	62	34	30	32	1045	531	776	0.929										
4/11/2003	<1	<1	<1	14.0	13.0	13.0	65	61	63	30	29	30	0	0	0	0.000	62	60	61	32	29	31	828	578	644	1.086										
4/12/2003	<1	<1	<1	14.0	13.0	13.0	62	60	61	30	29	30	0	0	0	0.000	61	58	60	34	30	32	1039	535	758	1.302										
4/13/2003	<1	<1	<1	14.0	13.0	13.0	60	58	59	30	29	30	0	0	0	0.000	61	58	59	33	31	32	1033	845	899	1.108										
4/14/2003	<1	<1	<1	14.0	13.0	13.0	59	56	57	30	29	30	0	0	0	0.000	61	58	59	33	31	32	952	664	760	1.216										
4/15/2003	<1	<1	<1	14.0	13.0	13.0	56	54	56	29	29	29	0	0	0	0.000	61	58	59	33	31	32	1040	690	857	1.300										
4/16/2003	<1	<1	<1	14.0	13.0	13.0	55	53	54	29	29	29	0	0	0	0.000	60	58	59	33	31	32	1056	821	895	1.281										
4/17/2003	<1	<1	<1	14.0	13.0	13.0	53	51	52	29	29	29	0	0	0	0.000	60	58	59	33	31	32	1073	816	897	1.298										
4/18/2003	<1	<1	<1	14.0	13.0	13.0	52	50	51	29	29	29	0	0	0	0.000	60	58	59	33	31	32	1040	843	896	1.242										
4/19/2003	<1	<1	<1	14.0	13.0	13.0	50	48	49	29	29	29	0	0	0	0.000	61	58	59	34	31	32	1042	694	854	1.094										
4/20/2003	<1	<1	<1	14.0	13.0	13.0	48	46	47	29	29	29	0	0	0	0.000	61	58	59	34	31	32	931	690	754	1.283										
4/21/2003	<1	<1	<1	14.0	13.0	13.0	46	45	46	29	29	29	0	0	0	0.000	60	58	58	34	29	32	1075	402	886	1.260										
4/22/2003	<1	<1	<1	14.0	13.0	13.0	45	43	44	29	29	29	0	0	0	0.000	60	58	58	34	30	32	1073	491	881	1.281										
4/23/2003	<1	<1	<1	14.0	13.0	13.0	44	42	43	29	29	29	0	0	0	0.000	60	57	58	34	31	32	1078	836	896	1.164										
4/24/2003	<1	<1	<1	14.0	13.0	13.0	42	40	42	29	29	29	0	0	0	0.000	60	57	58	34	31	32	1087	614	800	1.091										
4/25/2003	<1	<1	<1	14.0	13.0	13.0	41	40	40	29	29	29	0	0	0	0.000	60	57	58	39	27	33	1781	29	926	1.291										

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)			IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-3 Total (MGD)		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1/23/2003	<1	<1	<1	14.0	13.0	13.0	55	40	47	29	29	29	0	0	0	0.000	60	57	58	35	32	32	1055	852	893	1.164				
1/27/2003	<1	<1	<1	14.0	13.0	13.0	53	41	51	29	29	29	0	0	0	0.000	58	57	57	43	0	32	2314	0	817	1.308				
1/28/2003	<1	<1	<1	14.0	13.0	13.0	51	49	50	29	29	29	0	0	0	0.000	60	57	58	34	32	32	1091	842	902	1.233				
1/29/2003	<1	<1	<1	14.0	13.0	13.0	49	47	48	29	29	29	0	0	0	0.000	60	57	58	34	30	32	1102	675	849	1.069				
1/30/2003	<1	<1	<1	14.0	13.0	13.0	48	46	47	29	29	29	0	0	0	0.000	60	57	58	34	31	32	938	675	739	1.070				
1/31/2003	<1	<1	<1	14.0	13.0	13.0	46	44	45	29	29	29	0	0	0	0.00	58	57	57	34	30	32	955	686	737	1.07				
1/2/2003	<1	<1	<1	14.0	13.0	13.0	76	43	55	29	29	29	0	0	0	0.00	68	57	61	34	30	32	916	531	739	1.07				
1/3/2003	<1	<1	<1	14.0	13.0	13.0	74	71	73	29	29	29	0	0	0	0.00	68	65	66	35	30	32	974	564	743	1.08				
1/4/2003	<1	<1	<1	14.0	13.0	13.0	72	69	71	29	29	29	0	0	0	0.00	67	65	65	35	30	32	967	597	744	1.29				
1/5/2003	<1	<1	<1	14.0	13.0	13.0	70	67	68	29	29	29	0	0	0	0.00	67	64	65	34	30	32	1127	678	899	1.26				
1/6/2003	<1	<1	<1	14.0	13.0	13.0	67	64	66	29	29	29	0	0	0	0.00	66	64	65	34	31	32	1141	644	867	1.01				
1/7/2003	<1	<1	<1	14.0	13.0	13.0	64	62	64	29	29	29	0	0	0	0.00	65	63	64	35	31	32	940	620	699	1.35				
1/8/2003	<1	<1	<1	14.0	13.0	13.0	62	60	61	29	29	29	0	0	0	0.00	65	63	64	34	30	32	1143	650	938	1.06				
1/9/2003	<1	<1	<1	14.0	13.0	13.0	60	58	59	29	29	29	0	0	0	0.00	65	63	64	34	29	32	1204	146	742	1.36				
1/10/2003	<1	<1	<1	14.0	13.0	13.0	71	0	65	29	29	29	0	0	0	0.00	72	66	67	35	28	32	1478	0	940	1.21				
1/11/2003	<1	<1	<1	14.0	13.0	13.0	69	67	68	29	29	29	0	0	0	0.00	71	68	69	42	24	32	1820	0	822	1.43				
1/12/2003	<1	<1	<1	14.0	13.0	13.0	67	65	66	29	29	29	0	0	0	0.00	71	68	69	34	32	32	1205	0	996	1.57				
1/13/2003	<1	<1	<1	14.0	13.0	13.0	65	62	64	29	29	29	0	0	0	0.00	70	67	68	35	32	33	1358	914	1095	1.13				
1/14/2003	<1	<1	<1	14.0	13.0	13.0	70	61	65	29	29	29	0	0	0	0.00	70	66	68	43	17	32	2364	0	767	1.61				
1/15/2003	<1	<1	<1	14.0	13.0	12.0	70	66	68	29	28	29	0	0	0	0.00	68	66	67	44	25	34	2340	0	1137	1.40				
1/16/2003	<1	<1	<1	14.0	13.0	13.0	68	65	66	29	29	29	0	0	0	0.00	68	66	67	35	30	33	1314	734	958	1.24				
1/17/2003	<1	<1	<1	14.0	13.0	13.0	65	63	64	29	29	29	0	0	0	0.00	68	65	67	33	31	32	999	749	811	1.09				
1/18/2003	<1	<1	<1	14.0	13.0	13.0	70	61	65	29	29	29	0	0	0	0.00	68	65	66	33	31	32	1060	751	807	1.18				
1/19/2003	<1	<1	<1	14.0	13.0	13.0	67	65	66	29	29	29	0	0	0	0.00	68	65	66	33	30	32	1009	756	817	1.39				
1/20/2003	<1	<1	<1	14.0	13.0	13.0	65	63	64	29	29	29	0	0	0	0.00	67	65	66	34	31	32	1151	915	964	1.31				
1/21/2003	<1	<1	<1	14.0	13.0	13.0	63	60	62	29	29	29	0	0	0	0.00	67	65	66	34	31	32	1152	754	901	1.26				
1/22/2003	<1	<1	<1	14.0	13.0	13.0	60	58	60	29	29	29	0	0	0	0.00	67	65	66	34	31	32	1184	752	879	1.29				
1/23/2003	<1	<1	<1	14.0	13.0	13.0	58	55	57	29	29	29	0	0	0	0.00	66	64	64	40	25	33	2003	0	895	1.42				
1/24/2003	<1	<1	<1	14.0	13.0	13.0	70	55	61	29	29	29	0	0	0	0.00	70	64	66	35	28	33	1176	256	979	1.07				
1/25/2003	<1	<1	<1	14.0	13.0	13.0	68	65	67	29	29	29	0	0	0	0.00	70	68	68	33	30	32	946	649	741	1.07				
1/26/2003	<1	<1	<1	14.0	13.0	13.0	66	63	65	29	29	29	0	0	0	0.00	70	68	68	33	28	32	943	180	740	1.07				
1/27/2003	<1	<1	<1	14.0	13.0	13.0	63	61	63	29	29	29	0	0	0	0.00	69	68	68	33	31	32	962	649	740	1.07				
1/28/2003	<1	<1	<1	14.0	13.0	13.0	66	60	62	29	29	29	0	0	0	0.00	69	67	68	33	31	32	968	676	742	1.07				
1/29/2003	<1	<1	<1	14.0	13.0	13.0	64	61	63	29	29	29	0	0	0	0.00	69	67	68	33	31	32	968	681	743	1.11				
1/30/2003	<1	<1	<1	14.0	13.0	13.0	62	59	60	29	29	29	0	0	0	0.00	68	67	67	46	26	32	2642	0	776	1.33				
1/31/2003	<1	<1	<1	14.0	13.0	13.0	73	58	65	29	29	29	0	0	0	0.00	71	66	69	34	31	32	1214	753	911	1.17				
1/1/2003	<1	<1	<1	14.0	13.0	13.0	70	68	69	29	29	29	0	0	0	0.000	71	68	70	34	30	32	1017	654	808	1.399				
1/2/2003	<1	<1	<1	14.0	13.0	13.0	68	65	67	29	29	29	0	0	0	0.000	71	68	70	35	32	32	1181	775	980	1.365				
1/3/2003	<1	<1	<1	14.0	13.0	13.0	66	63	65	29	29	29	0	0	0	0.000	71	68	69	40	27	33	1307	0	943	1.160				
1/4/2003	<1	<1	<1	14.0	13.0	13.0	63	61	62	29	29	29	0	0	0	0.000	70	68	69	34	31	32	1047	680	799	1.071				
1/5/2003	<1	<1	<1	14.0	13.0	13.0	68	60	64	29	29	29	0	0	0	0.000	70	68	69	39	23	32	1386	0	747	0.842				
1/6/2003	<1	<1	<1	14.0	13.0	13.0	67	63	65	29	29	29	0	0	0	0.000	71	67	69	33	29	31	1022	258	573	0.599				
1/7/2003	<1	<1	<1	14.0	13.0	13.0	64	61	63	29	29	29	0	0	0	0.000	70	67	69	33	30	31	600	292	414	1.171				
1/8/2003	<1	<1	<1	14.0	13.0	13.0	70	60	65	29	29	29	0	0	0	0.000	69	67	68	33	29	32	1069	382	816	1.306				
1/9/2003	<1	<1	<1	14.0	13.0	13.0	69	66	67	29	29	29	0	0	0	0.000	70	67	68	33	31	32	1074	792	911	1.457				
1/10/2003	<1	<1	<1	14.0	13.0	13.0	67	63	65	29	29	29	0	0	0	0.000	70	67	68	34	32	33	1203	897	1007	1.122				
1/11/2003	<1	<1	<1	14.0	13.0	13.0	69	62	66	29	29	29	0	0	0	0.000	69	67	68	40	23	32	1615	0	778	1.105				
1/12/2003	<1	<1	<1	14.0	13.0	12.0	67	64	66	29	27	29	987	0	758	0.508	69	67	68	35	24	32	982	650	761	0.820				
1/13/2003	<1	<1	<1	13.0	13.0	13.0	65	63	64	48	28	31	1940	0	362	1.262	68	66	67	38	29	32	0	0	0	0.000				
1/14/2003	<1	<1	<1	13.0	13.0	13.0	63	61	62	35	33	34	1049	828	876	1.253	68	66	67	32	32	32	0	0	0	0.000				
1/15/2003	<1	<1	<1	13.0	13.0	13.0	72	60	66	35	33	34	1003	785	870	1.218	68	66	67	32	32	32	0	0	0	0.000				

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total
6/16/2003	<1	<1	<1	13.0	13.0	13.0	69	66	67	35	32	33	1014	0	851	0.997	68	66	66	32	32	32	0	0	0	0.000
6/17/2003	<1	<1	<1	14.0	13.0	13.0	67	64	65	34	25	32	3002	0	663	1.301	68	66	66	32	32	32	0	0	0	0.000
6/18/2003	<1	<1	<1	14.0	13.0	13.0	71	63	66	36	32	34	1127	719	933	1.077	68	66	66	32	32	32	0	0	0	0.000
6/19/2003	<1	<1	<1	14.0	13.0	13.0	68	66	67	41	29	34	1574	0	747	1.405	69	66	66	38	27	31	0	0	0	0.000
6/20/2003	<1	<1	<1	14.0	13.0	13.0	71	65	67	36	33	34	1117	886	979	1.245	69	66	66	30	30	30	0	0	0	0.000
6/21/2003	<1	<1	<1	14.0	13.0	13.0	69	65	67	36	31	34	1120	622	859	1.025	69	66	66	30	30	30	0	0	0	0.000
6/22/2003	<1	<1	<1	14.0	13.0	13.0	66	63	65	34	30	32	895	622	713	1.183	68	66	66	30	30	30	0	0	0	0.000
6/23/2003	<1	<1	<1	14.0	13.0	13.0	63	61	62	36	31	33	1151	628	822	1.386	68	66	66	30	30	30	0	0	0	0.000
6/24/2003	<1	<1	<1	14.0	13.0	13.0	61	58	60	36	22	34	1116	0	968	1.170	67	66	66	30	30	30	0	0	0	0.000
6/25/2003	<1	<1	<1	14.0	13.0	13.0	59	57	58	35	31	33	1091	0	807	1.340	67	66	66	30	30	30	0	0	0	0.000
6/26/2003	<1	<1	<1	14.0	13.0	13.0	69	56	64	35	32	34	1125	726	932	1.373	68	66	67	30	30	30	0	0	0	0.000
6/27/2003	<1	<1	<1	14.0	13.0	13.0	67	64	66	36	33	34	1118	869	954	1.155	68	66	67	30	30	30	0	0	0	0.000
6/28/2003	<1	<1	<1	14.0	13.0	13.0	65	62	64	36	32	33	1007	693	800	1.123	68	66	67	30	30	30	0	0	0	0.000
6/29/2003	<1	<1	<1	14.0	13.0	13.0	62	60	61	34	32	33	965	671	780	1.304	68	66	67	30	30	30	0	0	0	0.000
6/30/2003	<1	<1	<1	14.0	13.0	13.0	60	58	59	36	25	34	1105	486	914	1.374	68	66	67	30	30	30	0	0	0	0.000
7/1/2003	<1	<1	<1	14.0	13.0	13.0	58	56	57	36	33	34	1089	921	955	1.52	68	66	67	30	30	30	0	0	0	0.000
7/2/2003	<1	<1	<1	14.0	13.0	13.0	56	54	55	36	33	34	1143	917	954	1.41	68	66	66	30	30	30	0	0	0	0.00
7/3/2003	<1	<1	<1	14.0	13.0	13.0	58	52	54	36	34	34	1114	907	957	1.13	68	66	66	30	30	30	0	0	0	0.00
7/4/2003	<1	<1	<1	14.0	13.0	13.0	68	51	58	38	32	33	1139	696	786	1.58	69	66	66	30	30	30	0	0	0	0.00
7/5/2003	<1	<1	<1	14.0	13.0	13.0	66	54	57	37	32	29	1109	0	544	1.12	69	65	67	30	30	30	0	0	0	0.00
7/6/2003	<1	<1	<1	14.0	13.0	13.0	67	64	66	36	32	30	1109	658	650	1.25	68	65	66	30	30	30	0	0	0	0.00
7/7/2003	<1	<1	<1	14.0	13.0	13.0	67	64	66	36	32	30	1100	697	623	1.45	68	64	67	30	30	30	0	0	0	0.00
7/8/2003	<1	<1	<1	14.0	13.0	13.0	59	52	55	36	32	30	1108	895	560	1.44	67	64	64	30	30	30	0	0	0	0.00
7/9/2003	<1	<1	<1	14.0	13.0	14.0	57	55	56	37	29	34	1135	907	953	1.42	68	66	66	30	29	30	0	0	0	0.00
7/10/2003	<1	<1	<1	14.0	13.0	14.0	55	53	54	36	31	34	1080	0	940	1.37	68	66	67	30	29	30	0	0	0	0.00
7/11/2003	<1	<1	<1	14.0	13.0	14.0	53	51	52	36	31	34	1134	927	954	1.39	68	66	67	30	29	30	0	0	0	0.00
7/12/2003	<1	<1	<1	14.0	14.0	14.0	51	49	50	35	34	34	1097	0	956	1.38	69	66	67	30	29	30	0	0	0	0.00
7/13/2003	<1	<1	<1	14.0	14.0	14.0	56	47	51	35	33	34	1102	0	953	1.44	69	66	67	30	29	30	0	0	0	0.00
7/14/2003	<1	<1	<1	14.0	14.0	14.0	67	46	55	35	30	34	1115	421	953	1.43	69	66	67	30	29	30	0	0	0	0.00
7/15/2003	<1	<1	<1	14.0	14.0	13.0	66	61	63	36	34	34	1101	921	953	1.46	69	66	67	30	29	30	0	0	0	0.00
7/16/2003	<1	<1	<1	14.0	13.0	13.0	67	61	64	35	34	30	1102	908	851	1.40	69	65	68	30	29	29	0	0	0	0.00
7/17/2003	<1	<1	<1	13.0	13.0	13.0	65	63	63	35	34	30	1002	861	823	1.40	68	66	66	30	29	29	0	0	0	0.00
7/18/2003	<1	<1	<1	13.0	13.0	13.0	66	65	65	35	34	31	856	0	457	0.93	69	65	67	30	29	29	456	382	251	0.41
7/19/2003	<1	<1	<1	13.0	13.0	13.0	67	64	65	35	34	32	0	0	0	0.00	69	65	66	30	29	29	1131	0	287	1.12
7/20/2003	<1	<1	<1	13.0	13.0	13.0	68	63	64	36	31	34	0	0	0	0.00	69	67	68	44	29	30	1967	0	776	1.31
7/21/2003	<1	<1	<1	13.0	13.0	13.0	68	63	64	35	34	34	0	0	0	0.00	69	67	68	36	28	30	1201	0	886	1.31
7/22/2003	<1	<1	<1	13.0	13.0	13.0	68	63	65	35	33	34	0	0	0	0.00	69	67	68	36	30	33	1136	0	942	1.39
7/23/2003	<1	<1	<1	13.0	13.0	13.0	69	63	64	35	30	34	0	0	0	0.00	69	67	68	35	32	33	1130	905	951	1.38
7/24/2003	<1	<1	<1	13.0	13.0	13.0	69	63	64	36	34	34	0	0	0	0.00	69	67	68	36	31	30	1130	905	951	1.38
7/25/2003	<1	<1	<1	14.0	13.0	13.0	67	62	65	35	34	32	0	0	0	0.00	69	67	68	36	31	30	1130	905	951	1.38
7/26/2003	<1	<1	<1	14.0	13.0	13.0	67	62	64	36	31	34	0	0	0	0.00	69	66	67	35	32	30	1143	907	955	1.34
7/27/2003	<1	<1	<1	14.0	13.0	13.0	67	62	64	35	34	34	0	0	0	0.00	69	66	67	37	30	30	1627	0	924	1.39
7/28/2003	<1	<1	<1	14.0	13.0	13.0	67	62	64	35	33	34	0	0	0	0.00	69	66	67	35	32	33	1145	911	963	1.44
7/29/2003	<1	<1	<1	14.0	13.0	13.0	67	62	64	35	34	34	0	0	0	0.00	69	66	67	44	28	33	1594	148	998	1.32
7/30/2003	<1	<1	<1	14.0	13.0	13.0	68	65	63	36	34	34	0	0	0	0.00	69	65	67	39	29	33	1527	0	908	1.24
7/31/2003	<1	<1	<1	14.0	13.0	13.0	68	62	64	35	34	34	0	0	0	0.00	69	65	67	34	30	33	1096	0	916	1.25
8/1/2003	1.0	1.0	1.0	14.0	13.0	13.0	66	61	63	30	30	30	0	0	0	0.00	69	66	67	41	26	33	1607	0	864	1.11
8/2/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	61	64	30	30	30	0	0	0	0.00	68	66	67	34	32	32	1064	616	774	1.31
8/3/2003	1.0	1.0	1.0	14.0	13.0	13.0	65	63	63	30	30	30	0	0	0	0.00	68	66	66	36	26	32	1069	779	905	1.31
8/4/2003	1.0	1.0	1.0	14.0	13.0	13.0	66	65	65	30	30	30	0	0	0	0.00	68	66	66	35	32	32	1247	872	908	1.31
8/5/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	64	65	30	30	30	0	0	0	0.00	69	66	66	34	32	32	1067	858	910	1.31

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
6/2/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	63	64	30	28	30	0	0	0	0.00	68	65	66	33	31	32	913	679	725	1.04
6/3/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	63	64	30	30	30	0	0	0	0.00	68	64	67	33	31	32	928	680	726	1.32
6/4/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	63	65	30	30	30	0	0	0	0.00	67	64	64	34	32	32	1106	883	914	1.32
6/5/2003	1.0	1.0	1.0	14.0	13.0	13.0	69	63	64	30	30	30	0	0	0	0.00	68	66	66	34	32	32	1067	874	911	1.30
6/6/2003	1.0	1.0	1.0	14.0	13.0	13.0	69	63	64	30	30	30	0	0	0	0.00	68	66	67	34	32	32	1075	873	911	1.33
6/7/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	65	30	30	30	0	0	0	0.00	68	66	67	34	32	32	1099	872	912	1.23
6/8/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	37	28	32	1773	0	848	0.91
6/9/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	35	30	32	924	218	624	1.30
6/14/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	35	26	32	1067	579	911	1.32
6/15/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	63	30	30	30	0	0	0	0.00	69	66	67	34	32	32	1069	0	911	1.27
6/16/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	65	63	30	30	30	0	0	0	0.00	69	65	68	36	27	32	1620	45	878	1.32
6/17/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	62	64	30	30	30	0	0	0	0.00	68	66	66	34	32	32	1065	862	912	1.31
6/18/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	65	67	34	32	32	1079	872	909	1.31
6/19/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	65	66	35	31	32	1101	872	910	1.32
6/20/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	62	64	30	30	30	0	0	0	0.00	69	67	68	35	32	32	1107	883	914	1.14
6/21/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	62	64	30	30	30	0	0	0	0.00	69	67	68	34	29	32	1069	147	791	1.29
6/22/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	63	65	30	28	30	0	0	0	0.00	69	67	68	34	32	32	1088	640	890	1.31
6/23/2003	1.0	1.0	1.0	14.0	13.0	13.0	69	63	64	30	30	30	0	0	0	0.00	69	67	68	34	32	33	1099	869	910	1.30
6/24/2003	1.0	1.0	1.0	14.0	13.0	13.0	69	63	64	30	30	30	0	0	0	0.00	69	67	68	35	26	33	1093	96	907	1.32
6/25/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	65	30	30	30	0	0	0	0.00	69	66	67	34	32	33	1083	863	911	1.31
6/26/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	35	30	33	1614	48	903	1.29
6/27/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	34	28	33	1251	0	903	1.32
6/28/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	64	30	30	30	0	0	0	0.00	69	66	67	34	32	33	1075	871	914	1.17
6/29/2003	1.0	1.0	1.0	14.0	13.0	13.0	67	62	63	30	30	30	0	0	0	0.00	68	66	67	35	27	33	2048	0	806	1.32
6/30/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	62	64	30	30	30	0	0	0	0.00	69	65	67	34	32	33	1067	869	913	1.31
7/1/2003	1.0	1.0	1.0	14.0	13.0	13.0	68	62	64	30	30	30	0	0	0	0.00	69	66	67	34	32	33	1043	873	910	1.30
7/2/2003	2.0	1.0	1.0	14.0	13.0	13.0	57	56	56	30	30	30	0	0	0	0.000	56	53	55	34	32	33	1085	874	909	1.325
7/3/2003	2.0	1.0	1.0	14.0	13.0	13.0	56	55	55	30	30	30	0	0	0	0.000	56	53	55	34	32	33	1065	891	909	1.314
7/4/2003	2.0	1.0	1.0	14.0	13.0	13.0	55	55	55	30	30	30	0	0	0	0.000	57	54	55	35	32	33	1063	846	911	1.300
7/5/2003	2.0	2.0	2.0	14.0	13.0	13.0	52	51	51	30	30	30	0	0	0	0.000	57	54	55	34	32	33	1064	882	907	1.317
7/6/2003	2.0	2.0	2.0	14.0	13.0	13.0	51	50	50	30	30	30	0	0	0	0.000	57	54	55	34	32	33	1034	885	907	1.310
7/7/2003	2.0	2.0	2.0	14.0	14.0	14.0	52	50	51	30	30	30	0	0	0	0.000	56	51	54	34	32	33	1098	866	910	1.020
7/8/2003	2.0	2.0	2.0	14.0	14.0	14.0	52	50	51	30	30	30	0	0	0	0.000	55	53	54	37	30	32	1183	407	707	1.314
7/9/2003	2.0	2.0	2.0	14.0	14.0	14.0	58	55	56	30	30	30	0	0	0	0.000	56	53	55	34	32	33	1101	869	907	1.311
7/10/2003	2.0	2.0	2.0	14.0	14.0	14.0	55	53	53	30	30	30	0	0	0	0.000	56	53	55	34	32	33	1033	0	907	1.307
7/11/2003	2.0	2.0	2.0	14.0	14.0	14.0	52	52	52	30	30	30	0	0	0	0.000	56	54	55	34	32	33	1062	861	910	1.261
7/12/2003	2.0	2.0	2.0	14.0	14.0	14.0	55	52	54	35	29	30	0	0	0	0.000	57	54	56	37	30	33	1476	0	871	1.331
7/13/2003	2.0	1.0	1.0	14.0	13.0	13.0	57	50	55	31	31	30	0	0	0	0.000	57	54	56	34	31	33	1076	869	927	1.314
7/14/2003	2.0	1.0	1.0	14.0	13.0	13.0	52	50	51	31	31	30	0	0	0	0.000	57	54	55	34	32	33	1059	867	906	1.304
7/15/2003	2.0	1.0	1.0	14.0	13.0	13.0	58	55	56	31	31	30	0	0	0	0.000	56	54	55	34	32	33	954	874	906	1.317
7/16/2003	2.0	2.0	2.0	14.0	13.0	13.0	57	57	57	31	31	30	0	0	0	0.000	56	54	55	34	32	33	1058	860	905	1.298
7/17/2003	2.0	2.0	2.0	14.0	13.0	13.0	58	57	57	31	31	30	0	0	0	0.000	57	54	55	34	32	33	1080	852	904	1.290
7/18/2003	2.0	2.0	2.0	14.0	13.0	13.0	56	54	54	31	31	30	0	0	0	0.000	57	54	56	34	32	33	1061	726	895	1.291
7/19/2003	2.0	2.0	2.0	14.0	13.0	13.0	54	50	52	31	31	30	0	0	0	0.000	57	54	55	36	32	33	1161	744	897	1.318
7/20/2003	2.0	2.0	2.0	14.0	13.0	13.0	51	49	50	31	31	30	0	0	0	0.000	57	53	55	34	32	33	1075	861	910	1.295
7/21/2003	2.0	2.0	2.0	14.0	13.0	13.0	58	54	56	31	31	30	0	0	0	0.000	57	53	55	34	25	33	1141	48	903	1.323
7/22/2003	2.0	2.0	2.0	14.0	13.0	13.0	55	52	53	31	31	30	0	0	0	0.000	57	54	55	34	33	33	1075	858	908	1.310
7/23/2003	2.0	2.0	2.0	14.0	13.0	13.0	54	51	52	31	31	30	0	0	0	0.000	56	54	55	33	33	33	965	866	907	1.309
7/23/2003	2.0	1.0	1.0	14.0	13.0	13.0	58	56	56	31	31	30	0	0	0	0.000	56	54	55	35	33	33	1061	814	908	1.267
7/24/2003	2.0	1.0	1.0	14.0	13.0	13.0	58	53	55	35	31	32	1102	0	472	1.211	56	54	55	35	26	32	0	0	0	0.000
7/25/2003	2.0	1.0	1.0	14.0	13.0	13.0	54	50	52	36	27	33	1511	0	845	1.272	56	54	55	37	29	31	0	0	0	0.000

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-3 Daily Flow Rate (GPM)				IW-3 Total (MG)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Tot		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max		Min
																	Max											Min	
02/26/2003	2.0	2.0	2.0	14.0	13.0	13.0	51	49	50	35	33	33	1054	842	884	1,256	56	54	54	31	31	31	0	0	0	0	0	0	0.000
02/27/2003	2.0	2.0	2.0	14.0	13.0	13.0	56	54	55	38	28	33	1175	0	873	1,272	55	53	54	31	31	31	0	0	0	0	0	0	0.000
02/28/2003	2.0	2.0	2.0	14.0	13.0	13.0	57	53	54	35	33	33	1062	838	881	1,276	55	53	54	31	31	31	0	0	0	0	0	0	0.000
02/29/2003	2.0	2.0	2.0	14.0	14.0	13.0	55	52	52	35	33	33	1053	836	881	1,261	55	53	54	31	31	31	0	0	0	0	0	0	0.000
03/03/2003	2.0	2.0	2.0	14.0	14.0	13.0	52	50	51	35	33	33	1025	839	881	1,253	54	53	53	30	30	30	0	0	0	0	0	0	0.000
10/1/2003	0.9	0.4	0.9	14.0	14.0	13.0	51	49	49	41	26	33	1718	0	871	1,173	56	53	53	30	30	30	0	0	0	0	0	0	0.000
10/2/2003	0.9	0.8	0.8	14.0	14.0	13.0	52	51	51	37	31	33	1028	384	819	1,185	56	53	53	30	30	30	0	0	0	0	0	0	0.000
10/3/2003	0.9	0.8	0.8	14.0	14.0	14.0	51	48	49	36	30	33	1111	690	831	1,284	56	53	54	30	30	30	0	0	0	0	0	0	0.000
10/4/2003	0.9	0.8	0.8	14.0	14.0	14.0	48	46	46	35	33	33	1012	839	882	1,262	56	53	54	30	30	30	0	0	0	0	0	0	0.000
10/5/2003	0.9	0.8	0.8	14.0	14.0	14.0	45	42	44	35	33	33	1020	833	879	1,271	55	53	54	30	30	30	0	0	0	0	0	0	0.000
10/6/2003	0.8	0.8	0.8	14.0	14.0	14.0	43	41	42	34	33	33	928	833	878	1,270	54	53	54	30	30	30	0	0	0	0	0	0	0.000
10/7/2003	0.8	0.8	0.8	14.0	14.0	14.0	43	40	41	36	33	33	1066	833	882	1,259	54	53	54	30	30	30	0	0	0	0	0	0	0.000
10/8/2003	0.8	0.4	0.6	14.0	13.0	14.0	50	47	49	35	33	34	1033	837	880	1,138	55	53	54	30	30	30	0	0	0	0	0	0	0.000
10/9/2003	0.7	0.4	0.4	13.0	13.0	12.0	50	50	50	42	29	34	1662	0	790	1,275	55	53	54	30	30	30	0	0	0	0	0	0	0.000
10/10/2003	0.5	0.4	0.4	13.0	13.0	13.0	50	47	49	36	33	34	1062	845	888	1,282	55	53	54	30	30	30	0	0	0	0	0	0	0.000
10/11/2003	0.6	0.4	0.4	14.0	13.0	13.0	48	44	46	36	33	34	1053	838	887	1,267	55	53	54	30	30	30	0	0	0	0	0	0	0.000
10/12/2003	0.5	0.4	0.4	14.0	13.0	13.0	46	42	43	35	33	34	1052	839	883	1,289	55	53	54	30	30	30	0	0	0	0	0	0	0.000
10/13/2003	0.5	0.4	0.4	14.0	13.0	13.0	43	41	42	42	32	34	1771	0	511	1,387	55	54	54	31	31	31	0	0	0	0	0	0	0.000
10/14/2003	0.5	0.4	0.4	14.0	13.0	13.0	41	39	40	35	32	34	1038	0	957	1,314	55	54	53	31	31	31	0	0	0	0	0	0	0.000
10/15/2003	0.5	0.4	0.4	14.0	13.0	13.0	51	48	50	35	33	34	1032	854	925	1,264	55	52	53	31	30	30	0	0	0	0	0	0	0.000
10/16/2003	0.5	0.4	0.4	14.0	13.0	13.0	50	46	47	34	28	34	1002	308	880	1,199	55	52	53	31	30	30	0	0	0	0	0	0	0.000
10/17/2003	1.1	0.4	0.4	14.0	13.0	13.0	52	51	50	44	25	33	1747	0	835	1,362	54	52	53	31	30	30	0	0	0	0	0	0	0.000
10/18/2003	0.6	0.4	0.4	14.0	13.0	13.0	51	47	49	40	32	33	1660	901	943	1,356	54	52	53	31	30	30	0	0	0	0	0	0	0.000
10/19/2003	0.6	0.4	0.4	14.0	13.0	13.0	48	45	47	36	32	33	1072	867	941	1,344	54	52	53	31	30	30	0	0	0	0	0	0	0.000
10/20/2003	0.6	0.4	0.4	14.0	13.0	13.0	46	42	44	35	33	33	1073	858	938	1,353	54	52	53	31	30	30	0	0	0	0	0	0	0.000
10/21/2003	0.6	0.4	0.4	14.0	13.0	13.0	43	40	42	35	33	33	1080	839	936	1,355	54	52	53	31	30	30	0	0	0	0	0	0	0.000
10/22/2003	0.6	0.4	0.4	14.0	13.0	13.0	48	42	45	35	33	33	1094	855	943	1,349	54	52	53	31	30	30	0	0	0	0	0	0	0.000
10/23/2003	0.6	0.4	0.4	14.0	13.0	13.0	51	49	50	35	33	33	1003	861	939	1,355	54	52	53	31	30	30	0	0	0	0	0	0	0.000
10/24/2003	0.6	0.4	0.4	14.0	13.0	13.0	52	47	49	35	33	33	1094	869	943	1,308	54	52	53	31	30	30	0	0	0	0	0	0	0.000
10/25/2003	0.6	0.4	0.4	14.0	13.0	13.0	51	48	48	42	28	34	1769	0	905	1,352	54	52	53	31	30	30	0	0	0	0	0	0	0.000
10/26/2003	0.6	0.4	0.4	13.0	13.0	13.0	52	49	51	36	33	34	1089	860	943	1,413	53	52	52	31	30	30	0	0	0	0	0	0	0.000
10/27/2003	0.6	0.4	0.4	13.0	13.0	13.0	51	47	49	35	31	34	1101	210	936	1,358	53	52	52	31	30	30	0	0	0	0	0	0	0.000
10/28/2003	0.6	0.4	0.4	13.0	13.0	13.0	48	45	46	38	29	34	1573	0	943	1,343	53	52	52	31	30	30	0	0	0	0	0	0	0.000
10/29/2003	0.9	0.4	0.4	14.0	13.0	13.0	45	42	44	35	26	33	1091	0	813	1,066	53	52	52	31	30	30	0	0	0	0	0	0	0.000
10/30/2003	0.9	0.4	0.4	14.0	13.0	13.0	47	45	46	36	32	33	1087	852	931	1,180	54	52	53	31	30	30	0	0	0	0	0	0	0.000
10/31/2003	0.6	0.4	0.4	13.0	13.0	13.0	40	38	39	35	31	33	1040	614	805	1,355	53	51	52	31	30	30	0	0	0	0	0	0	0.000
11/1/2003	0.6	0.4	0.4	13.0	13.0	13.0	44	41	43	35	33	34	1093	871	942	1,354	53	51	52	31	30	30	0	0	0	0	0	0	0.000
11/2/2003	0.7	0.4	0.5	13.0	13.0	13.0	44	41	43	35	33	34	1079	871	942	1,289	53	51	52	31	30	30	0	0	0	0	0	0	0.000
11/4/2003	0.7	0.4	0.5	13.0	13.0	13.0	42	39	41	35	32	34	1073	707	907	1,126	52	51	51	30	30	30	0	0	0	0	0	0	0.000
11/5/2003	0.9	0.4	0.5	13.0	13.0	13.0	45	38	42	34	32	33	951	709	781	1,115	52	51	51	30	30	30	0	0	0	0	0	0	0.000
11/6/2003	0.6	0.4	0.5	13.0	13.0	13.0	44	41	42	34	32	33	940	705	774	1,113	52	51	51	30	30	30	0	0	0	0	0	0	0.000
11/7/2003	0.6	0.4	0.5	13.0	13.0	13.0	51	47	49	34	32	33	940	0	774	1,224	51	51	51	30	30	30	0	0	0	0	0	0	0.000
11/8/2003	0.6	0.4	0.5	13.0	13.0	13.0	48	45	47	35	32	33	995	702	836	1,352	53	51	51	30	30	30	0	0	0	0	0	0	0.000
11/9/2003	0.7	0.4	0.5	13.0	13.0	13.0	45	42	44	35	33	34	1078	874	941	1,196	53	51	51	30	30	30	0	0	0	0	0	0	0.000
11/10/2003	0.7	0.4	0.5	13.0	13.0	13.0	43	40	41	35	33	34	1078	874	941	1,196	53	51	51	30	30	30	0	0	0	0	0	0	0.000
11/11/2003	0.6	0.4	0.5	13.0	13.0	13.0	40	37	39	36	33	34	989	704	828	1,353	53	51	51	30	30	30	0	0	0	0	0	0	0.000
11/12/2003	0.6	0.4	0.5	13.0	13.0	13.0	40	37	39	36	33	34	1077	0	940	1,339	53	50	51	30	30	30	0	0	0	0	0	0	0.000
11/13/2003	0.6	0.4	0.4	13.0	13.0	11.0	48	44	46	36	33	34	1069	0	936	1,374	52	50	51	30	30	30	0	0	0	0	0	0	0.000
11/14/2003	0.5	0.4	0.5	13.0	13.0	13.0	45	40	43	37	27	34	1095	0	955	1,237	52	50	51	30	30	30	0	0	0	0	0	0	0.000
11/15/2003	0.5	0.5	0.5	14.0	13.0	13.0	51	47	49	35	34	34	1086	907	946	1,078	53	50	51	30	30	30	0	0	0				

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPD)				IW-1 Total (GPD)			IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPD)				IW-2 Total (GPD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Total	Total	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Total	
11/16/2003	0.5	0.5	0.5	14.0	13.0	13.0	48	44	46	34	31	33	943	440	760	1,240	53	51	51	30	30	30	0	0	0	0	0.000			
11/17/2003	0.5	0.5	0.5	14.0	13.0	13.0	45	42	44	36	32	33	1141	718	831	1,429	53	51	51	30	30	30	0	0	0	0	0.000			
11/18/2003	0.5	0.5	0.5	14.0	13.0	13.0	43	40	41	36	34	35	1121	926	997	1,422	53	51	51	30	30	30	0	0	0	0	0.000			
11/19/2003	0.5	0.5	0.5	14.0	13.0	13.0	41	38	39	36	32	35	1121	335	996	1,449	53	51	52	30	30	30	0	0	0	0	0.000			
11/20/2003	0.5	0.5	0.5	14.0	13.0	13.0	41	37	40	36	30	35	1180	0	995	1,167	53	51	52	30	30	30	0	0	0	0	0.000			
11/21/2003	0.5	0.5	0.5	14.0	13.0	13.0	48	45	46	36	32	34	1124	694	832	1,286	54	51	53	30	30	30	0	0	0	0	0.000			
11/22/2003	0.5	0.5	0.5	14.0	13.0	13.0	45	42	44	35	32	34	1064	698	883	1,351	54	52	53	30	30	30	0	0	0	0	0.000			
11/23/2003	0.5	0.5	0.5	14.0	13.0	13.0	43	40	41	35	33	34	1076	872	935	1,306	54	52	53	30	30	30	0	0	0	0	0.000			
11/24/2003	0.5	0.5	0.5	14.0	13.0	13.0	40	37	39	37	26	34	1152	0	916	1,348	54	52	53	30	30	30	0	0	0	0	0.000			
11/25/2003	0.5	0.5	0.5	14.0	13.0	13.0	49	35	39	36	33	34	1070	874	934	1,340	54	52	53	30	30	30	0	0	0	0	0.000			
11/26/2003	0.5	0.5	0.5	14.0	13.0	13.0	51	34	42	35	33	34	1048	874	934	1,368	54	52	53	30	30	30	0	0	0	0	0.000			
11/27/2003	0.5	0.5	0.5	14.0	13.0	13.0	47	44	46	41	31	34	1746	169	950	1,440	54	52	53	30	30	30	0	0	0	0	0.000			
11/28/2003	0.5	0.5	0.5	14.0	13.0	13.0	45	41	43	36	33	34	1132	938	998	1,445	54	52	53	30	30	30	0	0	0	0	0.000			
11/29/2003	0.5	0.5	0.5	14.0	13.0	13.0	43	39	41	35	33	34	1100	943	1002	1,323	54	52	53	30	30	30	0	0	0	0	0.000			
11/30/2003	0.5	0.3	0.4	14.0	13.0	13.0	49	35	39	42	26	34	1778	0	918	1,135	54	51	53	30	30	30	0	0	0	0	0.000			
12/1/2003	0.3	0.2	0.3	14.0	13.0	13.0	50	45	47	47	27	34	2147	0	786	1,349	55	52	54	30	30	30	0	0	0	0	0.000			
12/2/2003	0.3	0.2	0.3	14.0	13.0	13.0	49	45	47	35	32	34	1109	840	942	1,345	56	53	54	30	30	30	0	0	0	0	0.000			
12/3/2003	0.3	0.2	0.3	14.0	13.0	13.0	45	43	44	35	32	34	1086	872	933	1,203	56	53	54	30	30	30	0	0	0	0	0.000			
12/4/2003	0.7	0.2	0.3	14.0	12.0	12.0	43	40	42	42	28	34	1959	0	852	1,336	56	53	54	30	30	30	0	0	0	0	0.000			
12/5/2003	0.5	0.4	0.5	14.0	13.0	13.0	50	48	49	34	31	34	1043	473	923	1,355	56	54	54	30	30	30	0	0	0	0	0.000			
12/6/2003	0.5	0.4	0.5	14.0	13.0	13.0	52	48	50	34	33	34	1069	891	931	1,337	56	54	54	30	30	30	0	0	0	0	0.000			
12/7/2003	0.5	0.4	0.5	14.0	13.0	13.0	51	47	50	35	33	34	1065	893	934	1,347	55	53	54	30	30	30	0	0	0	0	0.000			
12/8/2003	0.4	0.2	0.3	14.0	13.0	13.0	48	45	47	35	33	34	1043	914	932	1,037	58	54	56	30	30	30	0	0	0	0	0.000			
12/9/2003	0.3	0.2	0.3	14.0	13.0	13.0	45	43	44	41	26	33	1717	0	719	1,352	57	55	56	30	30	30	0	0	0	0	0.000			
12/10/2003	0.3	0.2	0.3	14.0	13.0	13.0	43	41	42	35	32	33	1089	873	941	1,237	58	55	56	30	30	30	0	0	0	0	0.000			
12/11/2003	0.3	0.2	0.3	14.0	13.0	13.0	49	48	49	35	29	33	1067	397	862	1,333	57	56	56	30	30	30	0	0	0	0	0.000			
12/12/2003	0.3	0.2	0.3	14.0	13.0	13.0	48	44	46	35	32	33	1075	773	924	1,435	57	55	56	30	30	30	0	0	0	0	0.000			
12/13/2003	0.3	0.2	0.2	14.0	13.0	13.0	51	43	49	35	33	34	1156	0	1004	1,344	57	54	56	30	30	30	0	0	0	0	0.000			
12/14/2003	0.3	0.2	0.2	14.0	13.0	13.0	49	45	47	35	33	34	1112	867	932	1,341	57	55	56	30	30	30	0	0	0	0	0.000			
12/15/2003	0.3	0.2	0.2	14.0	13.0	13.0	45	42	43	35	31	34	1082	638	933	1,359	57	55	56	30	30	30	0	0	0	0	0.000			
12/16/2003	0.3	0.2	0.2	14.0	13.0	13.0	52	48	50	51	30	34	2629	286	941	0.717	57	54	56	30	30	30	1623	0	544	0.608				
12/17/2003	0.4	0.4	0.2	14.0	13.0	12.0	48	46	47	38	28	33	0	0	0	0.000	57	54	56	36	29	32	1113	0	382	1.263				
12/18/2003	0.4	0.4	0.4	14.0	13.0	13.0	46	41	44	32	32	32	0	0	0	0.000	57	55	56	42	27	34	1709	0	873	1.375				
12/19/2003	0.4	0.3	0.3	14.0	13.0	13.0	41	40	40	32	32	32	0	0	0	0.000	60	55	58	35	34	34	1100	939	961	1.393				
12/20/2003	0.3	0.3	0.3	14.0	13.0	13.0	49	46	48	32	32	32	0	0	0	0.000	59	57	58	35	32	34	1092	751	957	1.385				
12/21/2003	0.3	0.2	0.3	14.0	13.0	13.0	46	43	45	32	32	32	0	0	0	0.000	59	56	58	36	33	34	1093	944	964	1.380				
12/22/2003	0.2	0.2	0.2	14.0	13.0	13.0	44	42	43	32	32	32	0	0	0	0.000	59	56	58	35	33	34	1069	0	960	1.395				
12/23/2003	0.2	0.2	0.2	14.0	13.0	13.0	42	40	41	32	32	32	0	0	0	0.000	58	57	58	35	33	34	1109	946	965	1.316				
12/24/2003	0.2	0.2	0.2	14.0	13.0	13.0	49	46	47	33	31	32	0	0	0	0.000	60	57	58	37	30	34	1374	0	926	1.574				
12/25/2003	0.2	0.2	0.2	14.0	13.0	13.0	45	42	44	32	31	32	0	0	0	0.000	60	57	58	40	30	35	1603	274	1068	1.674				
12/26/2003	0.2	0.2	0.2	14.0	13.0	13.0	42	39	41	32	31	32	0	0	0	0.000	60	57	58	37	33	35	1353	731	1161	1.143				
12/27/2003	0.2	0.2	0.2	14.0	13.0	13.0	40	37	48	32	31	32	0	0	0	0.000	60	57	58	37	31	33	1248	448	802	1.396				
12/28/2003	0.2	0.2	0.2	14.0	13.0	13.0	47	45	46	32	31	32	0	0	0	0.000	59	56	58	35	33	34	1100	951	970	1.401				
12/29/2003	0.2	0.2	0.2	14.0	13.0	13.0	45	43	43	32	31	32	0	0	0	0.000	58	56	58	35	33	34	1099	927	972	1.390				
12/30/2003	0.2	0.2	0.2	14.0	13.0	13.0	43	41	41	32	31	32	0	0	0	0.000	59	56	58	35	33	34	1121	924	971	1.400				
12/31/2003	0.2	0.2	0.2	14.0	13.0	13.0	51	41	51	32	31	32	0	0	0	0.000	59	56	58	35	33	34	1091	922	966	1.349				
1/1/2004	0.2	0.2	0.2	14.0	13.0	13.0	47	43	45	32	31	32	0	0	0	0.000	59	56	57	34	33	34	980	941	959	1.410				
1/2/2004	0.2	0.2	0.2	14.0	13.0	13.0	49	46	47	32	31	32	0	0	0	0.000	59	56	57	35	33	34	1104	928	965	1.405				
1/3/2004	0.2	0.2	0.2	14.0	13.0	13.0	51	48	50	32	31	32	0	0	0	0.000	59	56	57	35	33	34	1104	926	965	1.463				
1/4/2004	0.2	0.2	0.2	14.0	13.0	13.0	48	45	46	32	31	32	0	0	0	0.000	59	56	57	36	32	34	1335	531	1017	1.420				
1/5/2004	0.2	0.2	0.2	14.0	13.0	13.0	45	42	44	32	31	32	0	0	0	0.000	58	56	57	36	33	34	1264	869	973	1.686				

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (MG)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Total	
1/6/2004	0.2	0.2	0.2	14.0	13.0	13.0	43	39	41	32	31	32	0	0	0	0.000	58	56	57	36	33	35	1347	909	1179	1.338		
1/7/2004	0.2	0.2	0.2	14.0	13.0	13.0	46	38	40	32	31	32	0	0	0	0.000	59	56	57	35	32	34	1108	723	929	1.437		
1/8/2004	0.4	0.3	0.2	14.0	13.0	11.0	48	43	44	32	31	32	0	0	0	0.000	58	56	56	37	32	34	1333	0	1002	1.297		
1/9/2004	0.4	0.3	0.4	14.0	13.0	13.0	47	45	46	32	31	32	0	0	0	0.000	58	55	56	35	32	34	1097	663	891	1.380		
1/10/2004	0.4	0.3	0.4	14.0	13.0	13.0	46	44	45	32	31	32	0	0	0	0.000	58	55	56	46	29	34	2402	185	957	1.377		
1/12/2004	0.4	0.3	0.4	14.0	13.0	13.0	43	40	42	32	31	32	0	0	0	0.000	56	55	56	35	33	34	1112	885	957	1.394		
1/13/2004	0.3	0.3	0.3	14.0	13.0	13.0	46	43	45	32	31	32	0	0	0	0.000	59	54	57	35	33	34	1090	885	958	1.351		
1/14/2004	0.3	0.3	0.3	14.0	13.0	13.0	45	41	43	32	31	32	0	0	0	0.000	59	56	57	43	26	34	2010	0	942	1.372		
1/15/2004	0.3	0.3	0.3	14.0	13.0	13.0	42	38	41	32	31	32	0	0	0	0.000	59	56	57	34	31	34	1094	707	950	1.357		
1/18/2004	0.3	0.3	0.3	14.0	13.0	13.0	39	36	37	32	31	32	0	0	0	0.000	58	56	57	38	30	34	1065	635	950	1.245		
1/17/2004	0.3	0.3	0.3	14.0	13.0	13.0	37	34	36	32	31	32	0	0	0	0.000	58	56	57	38	30	34	1508	0	852	1.644		
1/19/2004	0.3	0.3	0.3	14.0	13.0	13.0	35	33	34	32	31	32	0	0	0	0.000	58	56	57	36	33	35	1364	0	1144	1.621		
1/19/2004	0.3	0.3	0.3	14.0	14.0	13.0	34	31	32	32	31	32	0	0	0	0.000	58	56	57	37	32	35	1271	883	1111	1.511		
1/20/2004	0.3	0.3	0.3	14.0	14.0	13.0	31	29	30	32	31	32	0	0	0	0.000	58	55	57	36	33	35	1358	707	1061	1.745		
1/21/2004	0.3	0.3	0.3	14.0	14.0	13.0	31	27	31	32	31	32	0	0	0	0.000	58	56	57	36	33	35	1295	973	1194	1.392		
1/22/2004	0.3	0.3	0.3	14.0	14.0	13.0	39	36	38	32	31	32	0	0	0	0.000	57	55	56	36	32	34	1266	888	986	1.397		
1/23/2004	0.3	0.3	0.3	14.0	14.0	13.0	46	43	45	33	31	32	0	0	0	0.000	57	55	56	35	32	34	1086	759	969	0.928		
1/24/2004	0.3	0.3	0.3	14.0	14.0	13.0	44	41	43	33	31	32	0	0	0	0.000	57	55	56	40	33	35	1713	0	629	1.889		
1/25/2004	0.3	0.3	0.3	14.0	14.0	13.0	41	37	39	33	31	32	0	0	0	0.000	62	55	58	37	35	36	1427	1260	1310	1.675		
1/26/2004	0.3	0.3	0.3	14.0	14.0	13.0	43	40	42	32	31	32	0	0	0	0.000	63	58	61	37	31	35	1382	443	1165	1.897		
1/27/2004	0.3	0.3	0.3	14.0	14.0	13.0	46	44	45	32	31	32	0	0	0	0.000	63	60	61	39	35	36	1437	1256	1311	1.654		
1/28/2004	0.3	0.3	0.3	14.0	13.0	14.0	44	41	43	32	31	32	0	0	0	0.000	63	60	62	37	33	35	1421	758	1160	1.427		
1/29/2004	0.3	0.3	0.3	14.0	13.0	14.0	42	37	39	32	31	32	0	0	0	0.000	63	60	62	48	28	34	1857	0	1014	1.449		
1/30/2004	0.3	0.3	0.3	14.0	13.0	14.0	38	36	37	33	31	32	0	0	0	0.000	62	59	60	38	26	34	1123	948	1008	1.436		
1/31/2004	0.3	0.3	0.3	14.0	13.0	14.0	36	34	35	33	31	32	0	0	0	0.000	62	59	60	38	26	34	1490	186	1006	1.719		
2/1/2004	0.3	0.3	0.3	14.0	13.0	14.0	54	52	53	32	31	32	0	0	0	0.000	62	59	60	38	32	35	1444	505	1176	1.431		
2/2/2004	0.3	0.3	0.3	14.0	13.0	14.0	53	50	52	32	31	32	0	0	0	0.000	60	59	60	47	31	34	1864	111	1003	1.221		
2/3/2004	0.3	0.3	0.3	14.0	13.0	14.0	52	49	50	32	31	32	0	0	0	0.000	62	60	60	35	32	33	1069	542	841	1.561		
2/4/2004	0.3	0.3	0.3	14.0	13.0	14.0	50	47	48	32	31	32	0	0	0	0.000	62	59	60	35	32	35	1324	85	1091	1.356		
2/5/2004	0.3	0.3	0.3	14.0	13.0	14.0	61	46	44	32	31	32	0	0	0	0.000	62	59	60	35	31	34	1164	591	943	1.342		
2/6/2004	0.4	0.3	0.3	14.0	13.0	12.0	59	56	57	32	31	32	0	0	0	0.000	62	59	60	35	32	34	1206	707	924	1.494		
2/7/2004	0.4	0.4	0.4	14.0	13.0	13.0	56	52	54	32	31	32	0	0	0	0.000	61	59	60	35	33	34	1182	969	1041	1.362		
2/8/2004	0.4	0.4	0.4	14.0	13.0	13.0	53	49	51	32	31	32	0	0	0	0.000	61	59	60	35	31	34	1165	165	944	1.494		
2/9/2004	0.4	0.4	0.4	14.0	13.0	13.0	49	45	47	32	31	32	0	0	0	0.000	61	59	60	36	33	34	1179	968	1032	1.500		
2/10/2004	0.4	0.4	0.4	14.0	13.0	13.0	47	43	45	32	31	32	0	0	0	0.000	61	57	59	35	33	34	1154	968	1039	1.481		
2/11/2004	0.4	0.4	0.4	14.0	13.0	13.0	44	43	43	32	31	32	0	0	0	0.000	61	58	59	35	33	34	1180	973	1036	1.490		
2/12/2004	0.4	0.4	0.4	14.0	13.0	13.0	52	50	50	32	31	32	0	0	0	0.000	61	58	59	35	33	34	1193	951	1031	1.486		
2/13/2004	0.4	0.4	0.4	14.0	13.0	13.0	50	48	49	32	31	32	0	0	0	0.000	61	58	59	35	33	34	1187	955	1036	1.373		
2/14/2004	0.4	0.4	0.4	14.0	13.0	13.0	58	45	46	32	31	32	0	0	0	0.000	61	58	59	42	26	34	1720	0	965	1.333		
2/15/2004	0.4	0.4	0.4	14.0	13.0	13.0	55	53	54	32	31	32	0	0	0	0.000	61	58	59	36	32	33	1194	708	907	1.491		
2/16/2004	0.4	0.4	0.4	14.0	13.0	13.0	61	52	53	32	31	32	0	0	0	0.000	60	58	59	35	33	34	1146	970	1033	1.368		
2/17/2004	0.4	0.4	0.4	14.0	13.0	13.0	59	55	57	32	31	32	0	0	0	0.000	60	58	59	35	32	34	1103	700	948	1.484		
2/18/2004	0.4	0.4	0.4	14.0	13.0	13.0	56	51	54	32	31	32	0	0	0	0.000	60	57	58	35	33	34	1161	929	1033	1.482		
2/19/2004	0.4	0.2	0.3	14.0	13.0	13.0	52	48	50	32	31	32	0	0	0	0.000	60	57	58	35	33	34	1180	968	1033	1.503		
2/20/2004	0.2	0.2	0.2	14.0	13.0	13.0	48	46	47	32	31	32	0	0	0	0.000	57	56	57	36	33	34	1193	959	1036	1.475		
2/21/2004	0.2	0.2	0.2	14.0	13.0	13.0	56	54	54	32	31	32	0	0	0	0.000	57	55	57	35	31	34	1159	609	1024	1.501		
2/22/2004	0.2	0.2	0.2	14.0	13.0	13.0	54	52	53	32	31	32	0	0	0	0.000	58	56	57	35	33	34	1207	968	1038	1.447		
2/23/2004	0.2	0.2	0.2	14.0	13.0	13.0	57	50	54	33	31	32	0	0	0	0.000	59	56	57	35	33	34	1089	754	1005	1.501		
2/24/2004	0.2	0.2	0.2	14.0	13.0	13.0	55	52	54	33	31	32	0	0	0	0.000	59	56	57	35	33	34	1153	958	1033	1.503		
2/25/2004	0.2	0.2	0.2	14.0	13.0	13.0	52	49	51	33	31	32	0	0	0	0.000	59	56	57	36	33	34	1204	966	1038	1.556		

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
2/26/2004	0.2	0.2	0.2	14.0	13.0	13.0	50	46	48	32	31	32	0	0	0	0.000	59	56	57	36	29	35	1308	508	1146	1.485
2/27/2004	0.2	0.2	0.2	14.0	13.0	13.0	46	45	45	32	31	32	0	0	0	0.000	58	56	57	35	33	34	1153	970	1035	1.330
2/29/2004	0.2	0.2	0.2	14.0	13.0	13.0	53	50	52	32	31	32	0	0	0	0.000	57	55	56	36	32	34	1201	722	935	1.469
3/2/2004	0.2	0.2	0.2	14.0	13.0	13.0	55	48	49	32	31	32	0	0	0	0.000	59	55	57	39	28	34	1300	173	934	1.359
3/1/2004	0.2	0.2	0.2	14.0	13.0	13.0	54	51	53	32	32	32	0	0	0	0.000	59	57	58	36	33	34	1160	953	1033	1.717
3/2/2004	0.2	0.2	0.2	14.0	13.0	13.0	51	49	50	32	32	32	0	0	0	0.000	59	57	58	36	33	35	1366	968	1178	1.360
3/3/2004	0.2	0.2	0.2	14.0	13.0	13.0	49	46	48	32	32	32	0	0	0	0.000	59	57	58	36	31	33	1271	603	959	1.408
3/4/2004	0.4	0.2	0.3	14.0	13.0	11.0	56	43	45	32	32	32	0	0	0	0.000	59	57	58	35	32	33	1150	891	974	1.731
3/5/2004	0.4	0.3	0.4	14.0	13.0	13.0	51	42	45	32	32	32	0	0	0	0.000	59	57	58	36	32	35	1357	762	1190	1.413
3/6/2004	0.4	0.3	0.4	14.0	13.0	13.0	58	45	47	32	32	32	0	0	0	0.000	59	57	58	36	32	34	1326	841	992	1.400
3/7/2004	0.4	0.3	0.4	14.0	13.0	13.0	56	43	44	32	32	32	0	0	0	0.000	59	57	58	35	33	34	1109	0	972	1.345
3/8/2004	0.4	0.3	0.3	14.0	13.0	13.0	53	40	42	32	32	32	0	0	0	0.000	59	57	58	36	31	34	1260	361	917	1.746
3/9/2004	0.4	0.3	0.3	14.0	13.0	13.0	58	42	46	32	32	32	0	0	0	0.000	59	56	58	36	34	35	1308	1150	1216	1.570
3/10/2004	0.4	0.3	0.4	14.0	13.0	13.0	56	52	54	32	32	32	0	0	0	0.000	58	56	57	36	33	35	1276	765	1099	1.402
3/11/2004	0.4	0.3	0.4	14.0	13.0	13.0	52	48	51	32	32	32	1421	0	748	0.709	58	56	57	35	33	34	1113	900	968	0.831
3/12/2004	0.4	0.3	0.3	14.0	13.0	13.0	55	50	51	48	34	33	1653	0	439	1.612	58	55	56	32	32	32	0	0	0	0.000
3/13/2004	0.4	0.3	0.4	14.0	13.0	13.0	55	48	52	36	29	34	1347	520	1126	1.367	58	55	56	33	32	32	0	0	0	0.000
3/14/2004	0.3	0.3	0.3	14.0	13.0	13.0	59	44	48	35	32	33	1157	863	953	1.456	57	55	56	33	32	32	0	0	0	0.000
3/15/2004	0.3	0.3	0.3	14.0	13.0	13.0	57	50	54	36	32	33	1267	694	1010	1.712	57	55	56	33	32	32	0	0	0	0.000
3/15/2004	0.3	0.3	0.3	14.0	13.0	13.0	57	48	51	36	32	34	1355	850	1174	1.397	57	55	56	32	32	32	0	0	0	0.000
3/17/2004	0.3	0.3	0.3	14.0	13.0	13.0	59	48	51	36	32	33	1252	726	988	1.367	57	56	54	33	32	32	0	0	0	0.000
3/18/2004	0.3	0.3	0.3	14.0	13.0	13.0	55	48	51	36	32	33	1125	849	951	1.009	57	54	55	32	32	32	1956	0	630	0.604
3/19/2004	0.2	0.2	0.2	14.0	13.0	13.0	58	42	45	37	25	33	0	0	0	0.000	57	54	55	41	32	33	1657	0	360	1.764
3/20/2004	0.2	0.2	0.2	14.0	13.0	13.0	52	47	49	32	32	32	0	0	0	0.000	58	56	53	37	33	35	1349	1144	1221	1.756
3/21/2004	0.3	0.3	0.3	14.0	13.0	13.0	60	55	55	32	32	32	0	0	0	0.000	57	54	55	37	32	35	1336	1140	1221	1.522
3/22/2004	0.3	0.3	0.3	14.0	13.0	13.0	59	50	52	32	32	32	0	0	0	0.000	57	52	54	37	32	34	1267	685	1065	1.655
3/23/2004	0.3	0.3	0.3	14.0	13.0	13.0	55	46	52	32	32	32	0	0	0	0.000	56	51	54	37	31	35	1316	647	1136	1.762
3/24/2004	0.3	0.3	0.3	14.0	13.0	13.0	58	41	46	32	23	32	0	0	0	0.000	55	50	52	38	32	35	1664	996	1225	1.443
3/25/2004	0.3	0.3	0.3	14.0	13.0	13.0	54	46	50	32	32	32	0	0	0	0.000	53	51	52	37	30	34	1274	907	1014	1.423
3/26/2004	0.3	0.3	0.3	14.0	13.0	12.0	56	43	45	32	32	32	0	0	0	0.000	53	50	51	44	30	34	1854	0	966	1.254
3/27/2004	0.3	0.3	0.3	14.0	13.0	13.0	57	45	46	32	32	32	0	0	0	0.000	53	50	51	46	28	33	1908	0	890	1.392
3/28/2004	0.3	0.3	0.3	14.0	13.0	13.0	50	43	47	32	32	32	0	0	0	0.000	53	50	51	37	30	33	1340	594	943	1.483
3/29/2004	0.3	0.3	0.3	14.0	13.0	13.0	60	48	52	32	32	32	0	0	0	0.000	54	49	51	37	31	34	1247	471	1026	1.589
3/30/2004	0.3	0.3	0.3	14.0	13.0	13.0	57	49	53	32	32	32	0	0	0	0.000	54	49	51	40	31	35	1661	482	1120	1.424
3/31/2004	0.3	0.3	0.3	14.0	13.0	13.0	55	45	49	32	32	32	0	0	0	0.000	54	48	51	36	31	34	1157	670	981	1.490
4/1/2004	0.4	0.3	0.4	14.0	13.0	13.0	49	42	46	32	31	31	0	0	0	0.000	54	48	51	36	32	34	1174	920	1032	1.491
4/2/2004	0.4	0.3	0.4	14.0	13.0	13.0	57	40	42	32	32	32	0	0	0	0.000	52	48	50	36	32	34	1191	949	1036	1.698
4/3/2004	0.4	0.3	0.4	14.0	13.0	13.0	51	44	48	32	32	32	0	0	0	0.000	52	47	49	38	32	35	1324	970	1170	1.522
4/4/2004	0.4	0.3	0.4	14.0	13.0	13.0	54	41	47	32	32	32	0	0	0	0.000	52	47	49	37	31	34	1347	604	1066	1.669
4/5/2004	0.4	0.3	0.4	14.0	13.0	13.0	56	48	49	32	32	32	0	0	0	0.000	52	47	49	37	30	35	1769	812	1200	1.647
4/6/2004	0.4	0.4	0.4	14.0	13.0	13.0	55	44	49	32	32	32	0	0	0	0.000	52	47	49	37	33	35	1342	968	1143	1.545
4/7/2004	0.4	0.4	0.4	14.0	13.0	13.0	49	42	46	32	33	32	0	0	0	0.000	52	47	49	37	29	34	1311	442	1068	1.406
4/8/2004	0.4	0.3	0.4	14.0	13.0	13.0	58	40	49	32	32	32	0	0	0	0.000	52	47	49	40	27	34	1725	0	974	1.790
4/9/2004	0.6	0.5	0.4	14.0	13.0	13.0	50	44	48	32	32	32	0	0	0	0.000	52	47	49	37	27	35	1366	1157	1222	1.742
4/10/2004	0.6	0.5	0.5	12.0	12.0	12.0	44	40	41	33	32	32	0	0	0	0.000	52	48	49	37	34	35	1333	1160	1220	1.710
4/11/2004	0.6	0.5	0.5	12.0	12.0	12.0	57	45	48	32	32	32	0	0	0	0.000	52	48	49	37	31	35	1347	485	1185	1.762
4/12/2004	0.7	0.5	0.5	13.0	13.0	13.0	50	44	48	32	32	32	0	0	0	0.000	52	48	49	37	34	35	1352	1157	1221	1.741
4/13/2004	0.5	0.5	0.5	13.0	13.0	13.0	58	40	49	32	32	32	0	0	0	0.000	51	47	49	38	30	35	1508	0	1209	1.647
4/14/2004	0.5	0.5	0.5	13.0	13.0	13.0	52	44	48	33	31	31	0	0	0	0.000	51	47	48	39	30	35	1694	386	1144	1.392
4/15/2004	0.5	0.5	0.5	13.0	13.0	13.0	44	41	41	32	32	32	0	0	0	0.000	50	45	47	35	32	34	1196	0	962	1.681
4/16/2004	0.5	0.4	0.5	13.0	13.0	13.0	58	45	45	32	32	32	0	0	0	0.000	50	44	47	37	33	35	1349	975	1165	1.751

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
4/17/2004	0.5	0.4	0.5	13.0	13.0	13.0	51	44	48	33	32	32	0	0	0	0.000	49	45	47	37	34	35	1341	1155	1220	1.767		
4/19/2004	0.5	0.4	0.5	13.0	13.0	13.0	56	41	47	32	31	32	0	0	0	0.000	49	45	47	37	34	35	1355	1157	1217	1.466		
4/20/2004	0.5	0.4	0.5	13.0	13.0	13.0	49	43	47	32	32	32	0	0	0	0.000	49	45	47	37	30	34	1340	374	1024	1.771		
4/21/2004	0.5	0.4	0.5	13.0	13.0	13.0	56	45	45	32	32	32	0	0	0	0.000	49	46	47	37	34	35	1333	1177	1222	1.747		
4/22/2004	0.5	0.4	0.5	13.0	13.0	13.0	50	43	47	32	31	31	0	0	0	0.000	49	46	47	37	34	35	1335	1194	1217	1.767		
4/23/2004	0.5	0.4	0.5	14.0	13.0	13.0	43	40	41	33	31	31	0	0	0	0.000	49	46	47	36	34	35	1513	1176	1221	1.739		
4/24/2004	0.5	0.4	0.5	14.0	13.0	13.0	55	42	45	33	31	32	0	0	0	0.000	50	46	47	36	34	35	1330	1163	1216	1.638		
4/25/2004	0.5	0.4	0.5	14.0	13.0	13.0	49	43	47	33	32	32	0	0	0	0.000	50	46	47	36	32	34	1347	559	1119	1.728		
4/26/2004	0.5	0.4	0.5	14.0	13.0	13.0	43	43	41	32	32	32	0	0	0	0.000	50	46	47	36	30	35	1334	319	1213	1.755		
4/27/2004	0.5	0.4	0.5	14.0	13.0	13.0	56	44	45	32	32	32	0	0	0	0.000	50	46	47	36	34	35	1349	1152	1214	1.755		
4/28/2004	0.5	0.4	0.5	14.0	13.0	13.0	50	44	48	32	32	32	0	0	0	0.000	50	46	47	36	34	35	1337	1051	1216	1.750		
4/29/2004	0.5	0.4	0.5	14.0	13.0	13.0	44	40	41	33	32	32	0	0	0	0.000	50	46	47	36	34	35	1352	1145	1214	1.772		
4/30/2004	0.5	0.4	0.5	13.0	13.0	13.0	58	44	46	33	32	32	0	0	0	0.000	47	46	46	36	34	35	1336	1151	1212	1.614		
5/1/2004	5.0	4.0	5.0	13.0	13.0	13.0	53	47	51	32	31	32	0	0	0	0.000	48	45	47	46	27	35	2052	0	1128	1.748		
5/2/2004	5.0	4.0	5.0	13.0	13.0	13.0	47	41	45	32	31	32	0	0	0	0.000	49	45	47	36	34	35	1348	1152	1219	1.759		
5/3/2004	5.0	4.0	5.0	13.0	13.0	13.0	41	37	40	32	31	32	0	0	0	0.000	49	45	47	36	31	35	1338	495	1215	1.154		
5/4/2004	5.0	5.0	5.0	14.0	13.0	13.0	37	35	35	32	31	32	0	0	0	0.000	49	45	46	39	25	34	1618	0	1120	1.610		
5/5/2004	5.0	3.0	3.0	14.0	13.0	12.0	50	44	48	32	31	32	0	0	0	0.000	48	44	46	36	32	34	1345	834	1114	1.682		
5/6/2004	4.0	3.0	3.0	14.0	13.0	13.0	44	39	42	32	31	32	0	0	0	0.000	47	44	46	36	31	34	1376	660	1162	1.393		
5/7/2004	4.0	3.0	3.0	14.0	13.0	13.0	39	35	38	32	31	32	0	0	0	0.000	47	43	45	35	33	33	1145	917	979	1.643		
5/8/2004	4.0	3.0	3.0	14.0	13.0	13.0	58	35	54	32	31	32	0	0	0	0.000	47	43	45	37	26	34	1362	0	1129	1.765		
5/9/2004	4.0	3.0	3.0	14.0	13.0	13.0	50	45	48	32	31	32	0	0	0	0.000	54	51	53	36	34	34	1357	1161	1226	1.764		
5/10/2004	4.0	3.0	3.0	14.0	13.0	13.0	45	40	43	32	31	32	0	0	0	0.000	53	50	52	42	29	34	1448	529	1224	1.756		
5/11/2004	4.0	3.0	3.0	14.0	13.0	13.0	50	45	48	32	31	32	0	0	0	0.000	52	49	51	36	30	34	1357	474	1224	1.760		
5/12/2004	4.0	3.0	3.0	14.0	13.0	13.0	45	40	43	32	31	32	0	0	0	0.000	52	49	50	36	32	34	1354	790	1214	1.749		
5/13/2004	4.0	3.0	3.0	14.0	13.0	13.0	50	45	48	32	31	32	0	0	0	0.000	51	48	50	36	34	34	1365	1168	1223	1.760		
5/14/2004	4.0	3.0	3.0	14.0	13.0	13.0	49	44	47	32	31	32	0	0	0	0.000	51	48	49	36	33	34	1355	922	1216	1.646		
5/15/2004	4.0	3.0	3.0	14.0	13.0	13.0	44	39	42	32	31	32	0	0	0	0.000	51	48	49	42	24	34	1921	0	1139	1.479		
5/16/2004	4.0	3.0	3.0	14.0	13.0	13.0	39	36	38	32	31	32	0	0	0	0.000	50	48	49	35	32	33	1352	909	1031	1.525		
5/17/2004	4.0	3.0	3.0	14.0	13.0	13.0	56	44	38	32	31	32	0	0	0	0.000	50	48	49	40	29	33	1769	246	1055	1.695		
5/18/2004	4.0	3.0	3.0	14.0	13.0	13.0	57	42	53	32	31	32	0	0	0	0.000	50	47	49	37	29	34	1355	0	1156	1.564		
5/19/2004	4.0	3.0	3.0	14.0	13.0	13.0	50	44	48	32	31	32	0	0	0	0.000	50	47	49	35	31	34	1322	383	1093	1.413		
5/20/2004	4.0	3.0	3.0	14.0	13.0	13.0	45	40	43	32	31	32	0	0	0	0.000	50	47	49	34	32	33	1141	916	976	1.730		
5/21/2004	4.0	3.0	3.0	14.0	13.0	13.0	40	36	39	33	31	32	0	0	0	0.000	50	47	49	36	32	34	1356	843	1210	1.792		
5/22/2004	4.0	3.0	4.0	14.0	13.0	13.0	38	36	37	33	31	32	0	0	0	0.000	50	47	49	36	30	34	1348	0	1220	1.591		
5/23/2004	4.0	4.0	4.0	13.0	13.0	13.0	56	41	44	33	31	32	0	0	0	0.000	50	46	49	39	31	34	1793	457	1112	1.759		
5/24/2004	4.0	4.0	4.0	13.0	13.0	13.0	51	45	49	32	31	32	0	0	0	0.000	50	46	48	47	23	35	2442	402	1220	1.566		
5/25/2004	4.0	4.0	4.0	13.0	13.0	13.0	46	41	44	32	31	32	0	0	0	0.000	51	46	48	49	27	35	2745	0	1227	1.813		
5/26/2004	4.0	4.0	4.0	13.0	13.0	13.0	55	39	47	32	31	32	0	0	0	0.000	51	47	48	35	34	34	1401	1229	1268	1.801		
5/27/2004	4.0	4.0	4.0	13.0	13.0	13.0	49	41	47	32	31	32	0	0	0	0.000	51	0	48	35	34	34	1437	0	1246	1.816		
5/28/2004	4.0	4.0	4.0	13.0	13.0	13.0	54	38	43	33	31	32	0	0	0	0.000	51	46	48	35	34	34	1379	1217	1241	1.791		
5/29/2004	5.0	4.0	4.0	13.0	13.0	13.0	50	45	48	32	31	32	0	0	0	0.000	51	47	48	37	34	34	1371	1215	1250	1.795		
5/30/2004	4.0	3.0	3.0	13.0	13.0	13.0	45	40	43	32	31	32	0	0	0	0.000	58	47	50	38	33	34	1370	1195	1247	1.818		
5/31/2004	4.0	3.0	4.0	13.0	13.0	13.0	55	38	44	32	31	32	0	0	0	0.000	58	53	55	37	33	34	1508	996	1244	1.605		
6/1/2004	4.0	3.0	3.0	13.0	13.0	13.0	50	45	48	31	30	31	0	0	0	0.000	54	49	52	37	33	34	1330	888	1130	1.735		
6/2/2004	4.0	3.0	3.0	13.0	12.0	13.0	45	40	43	32	31	32	0	0	0	0.000	54	49	49	37	33	34	1373	933	1210	1.482		
6/3/2004	3.0	3.0	3.0	13.0	12.0	13.0	55	38	46	32	31	31	0	0	0	0.000	50	45	47	38	32	34	1258	719	1020	1.730		
6/4/2004																0.000	50	45	47	38	32	34	1363	954	1191	1.469		

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)				
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
6/7/2004	3.0	3.0	3.0	13.0	13.0	13.0	49	45	47	33	32	32	0	0	0	0.000	56	45	43	37	30	33	1296	595	1025	1.283	
6/8/2004	4.0	3.0	4.0	13.0	13.0	13.0	44	40	42	33	31	32	0	0	0	0.000	58	53	55	36	31	32	1159	0	893	1.377	
6/9/2004	4.0	4.0	4.0	13.0	13.0	13.0	49	48	48	32	31	31	0	0	0	0.000	54	49	52	42	32	32	3185	202	924	1.108	
6/10/2004	5.0	4.0	4.0	13.0	13.0	13.0	56	44	38	32	30	31	0	0	0	0.000	51	46	49	36	32	31	1171	0	1055	1.340	
6/11/2004	3.0	3.0	3.0	13.0	13.0	13.0	50	39	48	32	30	32	0	0	0	0.000	49	45	47	40	30	32	1349	1144	1221	1.316	
6/12/2004	3.0	3.0	3.0	13.0	12.0	13.0	44	36	41	33	31	32	0	0	0	0.000	48	44	46	35	32	34	1336	1140	1221	1.308	
6/13/2004	5.0	3.0	4.0	13.0	12.0	13.0	49	44	47	32	31	32	0	0	0	0.000	46	43	44	39	33	33	1267	685	1065	1.325	
6/14/2004	3.0	3.0	3.0	13.0	12.0	13.0	58	44	54	32	30	32	0	0	0	0.000	58	53	55	36	31	34	1316	647	1136	1.298	
6/15/2004	3.0	3.0	3.0	13.0	13.0	13.0	50	40	48	31	31	32	0	0	0	0.000	54	49	52	36	30	33	1664	996	1225	1.451	
6/16/2004	4.0	3.0	4.0	13.0	13.0	13.0	45	35	43	32	30	32	0	0	0	0.000	51	46	49	41	32	34	1274	907	1014	1.417	
6/17/2004	4.0	4.0	4.0	13.0	13.0	13.0	55	35	44	32	31	31	0	0	0	0.000	49	45	47	37	32	33	1854	0	986	1.423	
6/18/2004	5.0	4.0	4.0	13.0	13.0	13.0	50	45	48	32	31	31	0	0	0	0.000	51	47	48	41	31	34	1908	0	880	1.505	
6/19/2004	3.0	3.0	3.0	13.0	12.0	13.0	45	40	43	32	31	32	0	0	0	0.000	58	47	50	40	31	33	1340	594	943	0.000	
6/20/2004	3.0	3.0	3.0	13.0	13.0	13.0	40	38	39	31	30	31	0	0	0	0.000	58	53	55	37	33	34	1247	471	1026	0.000	
6/21/2004	4.0	3.0	3.0	13.0	13.0	13.0	48	45	47	32	31	32	0	0	0	0.000	54	49	52	39	32	33	1661	482	1120	1.756	
6/22/2004	5.0	3.0	4.0	13.0	12.0	13.0	56	40	44	32	31	31	0	0	0	0.000	51	46	49	36	31	32	3189	923	1550	1.208	
6/23/2004	3.0	3.0	3.0	13.0	13.0	13.0	51	36	49	31	30	32	0	0	0	0.000	49	46	48	39	32	32	3189	607	2610	1.265	
6/24/2004	4.0	3.0	3.0	13.0	12.0	13.0	46	36	44	33	31	31	0	0	0	0.000	48	44	46	35	31	34	1027	603	871	1.317	
6/25/2004	4.0	4.0	4.0	13.0	12.0	13.0	55	41	47	33	31	32	0	0	0	0.000	46	41	44	36	32	33	1102	858	910	1.368	
6/26/2004	5.0	4.0	4.0	13.0	13.0	13.0	49	45	47	33	31	32	0	0	0	0.000	53	51	52	41	30	34	1408	0	950	1.678	
6/27/2004	3.0	3.0	3.0	13.0	13.0	13.0	50	41	46	32	31	31	0	0	0	0.000	52	50	51	37	33	33	1308	904	1166	1.591	
6/28/2004	3.0	3.0	3.0	13.0	13.0	13.0	44	39	42	32	32	32	0	0	0	0.000	51	49	50	37	30	34	1352	712	1097	1.681	
6/29/2004	3.0	3.0	3.0	13.0	12.0	13.0	49	41	48	31	31	31	0	0	0	0.000	51	48	49	37	30	33	1344	369	1147	1.373	
6/30/2004	4.0	3.0	4.0	13.0	13.0	13.0	58	54	56	33	31	32	1021	0	645	0.433	50	47	48	40	33	32	1710	0	970	0.840	
7/1/2004	5.0	4.0	5.0	13.0	13.0	13.0	55	38	45	39	29	32	1730	0	287	1.398	50	48	49	32	31	32	0	0	0	0.000	
7/2/2004	5.0	4.0	5.0	13.0	13.0	13.0	51	46	49	35	30	33	1196	652	967	1.671	49	47	48	33	31	32	0	0	0	0.000	
7/3/2004	5.0	4.0	5.0	13.0	13.0	13.0	47	43	45	35	10	34	1289	290	1152	1.638	49	47	48	32	31	32	0	0	0	0.000	
7/4/2004	5.0	5.0	5.0	13.0	13.0	13.0	55	39	42	35	33	34	1261	1127	1149	1.220	49	46	47	32	31	32	0	0	0	0.000	
7/5/2004	5.0	5.0	5.0	13.0	13.0	13.0	54	49	52	44	25	33	1893	0	847	1.340	49	46	47	33	31	32	0	0	0	0.000	
7/6/2004	5.0	3.0	3.0	13.0	13.0	13.0	50	44	48	34	29	33	1160	304	923	1.770	49	46	47	32	31	32	0	0	0	0.000	
7/7/2004	4.0	3.0	3.0	13.0	13.0	13.0	45	41	44	35	33	34	1279	1105	1141	1.396	49	46	47	32	31	32	0	0	0	0.000	
7/8/2004	4.0	3.0	3.0	13.0	13.0	13.0	57	37	42	35	32	34	1248	902	1061	1.440	49	46	47	32	31	32	0	0	0	0.000	
7/9/2004	4.0	3.0	3.0	13.0	12.0	12.0	56	50	53	34	19	33	1229	890	993	1.442	49	46	47	32	30	32	0	0	0	0.000	
7/10/2004	4.0	3.0	3.0	13.0	13.0	13.0	50	45	49	35	29	33	1330	69	997	1.645	48	46	47	32	31	32	0	0	0	0.000	
7/11/2004	4.0	3.0	3.0	13.0	13.0	13.0	46	42	44	35	33	34	1328	1119	1146	1.654	48	46	47	32	31	32	0	0	0	0.000	
7/12/2004	4.0	3.0	3.0	13.0	13.0	13.0	43	38	41	35	33	34	1281	1084	1148	1.657	48	46	47	33	31	32	0	0	0	0.000	
7/13/2004	4.0	3.0	3.0	13.0	13.0	13.0	48	38	45	35	33	34	1243	1121	1148	1.578	48	45	46	33	31	32	0	0	0	0.000	
7/14/2004	4.0	3.0	3.0	13.0	13.0	13.0	59	40	43	35	32	34	1261	875	1112	1.331	49	45	46	32	31	32	0	0	0	0.000	
7/15/2004	4.0	3.0	3.0	13.0	12.0	12.0	57	51	55	35	30	33	1148	500	925	1.331	49	45	46	32	30	32	0	0	0	0.000	
7/16/2004	4.0	3.0	3.0	13.0	13.0	13.0	52	46	50	38	27	33	1497	0	857	1.440	49	45	46	32	31	32	0	0	0	0.000	
7/17/2004	4.0	3.0	3.0	13.0	13.0	13.0	48	42	45	35	28	33	1352	480	1016	1.069	48	45	46	32	31	32	0	0	0	0.000	
7/18/2004	4.0	3.0	3.0	13.0	13.0	13.0	43	39	41	34	30	32	1173	537	749	1.667	48	45	46	32	31	32	0	0	0	0.000	
7/19/2004	4.0	3.0	3.0	13.0	13.0	13.0	40	36	38	37	28	34	1452	282	1160	1.253	48	45	46	32	31	32	0	0	0	0.000	
7/20/2004	4.0	3.0	3.0	13.0	13.0	13.0	43	38	41	34	22	33	1503	0	871	1.279	47	45	45	32	31	32	0	0	0	0.000	
7/21/2004	4.0	3.0	3.0	13.0	13.0	14.0	48	42	45	36	0	31	1148	0	845	1.390	49	45	43	33	31	32	0	0	0	0.000	
7/22/2004	4.0	3.0	3.0	13.0	13.0	14.0	53	29	45	36	0	33	1356	0	961	0.877	48	45	46	32	31	32	0	0	0	0.000	
7/23/2004	4.0	3.0	3.0	14.0	13.0	13.0	56	50	54	36	25	32	1335	0	625	1.460	48	45	46	32	31	32	0	0	0	0.000	
7/24/2004	4.0	3.0	4.0	14.0	13.0	13.0	51	46	49	48	24	34	2417	0	992	1.730	48	45	46	33	31	32	0	0	0	0.000	
7/25/2004	4.0	3.0	4.0	14.0	13.0	13.0	47	42	45	36	34	35	1355	1142	1224	1.789	48	45	46	32	31	32	0	0	0	0.000	
7/26/2004	4.0	4.0	4.0	14.0	13.0	13.0	43	39	41	36	31	35	1408	663	1225	1.406	48	45	46	32	31	32	0	0	0	0.000	
7/27/2004	4.0	4.0	4.0	14.0	13.0	13.0	40	36	38	35	32	33	1104	531	970	1.361	48	45	46	33	32	32	0	0	0	0.000	

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Total	
7/28/2004	4.0	4.0	4.0	14.0	13.0	13.0	46	34	44	39	25	33	1625	0	951	1,512	48	45	46	32	32	32	0	0	0	0.000	
7/29/2004	4.0	4.0	4.0	14.0	13.0	13.0	48	37	49	36	29	34	1259	270	1049	1,510	48	45	46	32	32	32	0	0	0	0.000	
7/30/2004	4.0	4.0	4.0	14.0	13.0	13.0	58	55	57	35	33	34	1229	988	1052	1,525	47	45	46	32	32	32	0	0	0	0.000	
7/31/2004	4.0	4.0	4.0	14.0	13.0	13.0	55	50	54	47	29	34	2316	0	1044	1,548	47	45	46	32	32	32	0	0	0	0.000	
8/1/2004	0.4	0.3	0.4	14.0	13.0	13.0	51	46	49	38	25	34	1783	561	1089	1,346	47	45	46	32	32	32	0	0	0	0.000	
8/2/2004	0.4	0.3	0.4	14.0	13.0	13.0	46	42	44	34	29	33	1102	29	934	1,654	47	45	45	32	32	32	0	0	0	0.000	
8/3/2004	0.4	0.3	0.4	14.0	13.0	13.0	43	39	41	36	31	34	1371	604	1146	1,156	47	45	45	32	32	32	0	0	0	0.000	
8/4/2004	0.4	0.3	0.4	14.0	13.0	13.0	58	37	45	34	27	32	1113	0	806	1,363	47	45	45	32	32	32	0	0	0	0.000	
8/5/2004	0.4	0.3	0.4	14.0	13.0	13.0	54	49	52	45	26	33	2294	0	941	1,419	47	45	46	32	32	32	0	0	0	0.000	
8/6/2004	0.4	0.3	0.4	15.0	13.0	13.0	49	45	47	35	32	33	1107	953	983	1,433	47	45	46	32	32	32	0	0	0	0.000	
8/7/2004	0.4	0.3	0.4	13.0	13.0	13.0	46	42	44	45	29	33	2217	548	985	1,440	47	45	46	32	32	32	0	0	0	0.000	
8/8/2004	0.4	0.3	0.4	13.0	13.0	13.0	42	39	41	47	29	33	2284	208	1000	1,409	47	45	46	32	32	32	0	0	0	0.000	
8/9/2004	0.6	0.0	0.4	13.0	13.0	13.0	62	37	41	43	31	33	2112	465	991	1,447	55	45	47	32	32	32	0	0	0	0.000	
8/10/2004	0.5	0.5	0.5	14.0	13.0	13.0	61	55	58	48	29	33	2557	152	1001	1,428	57	54	55	32	32	32	0	0	0	0.000	
8/11/2004	0.6	0.5	0.5	14.0	13.0	13.0	56	51	54	35	32	33	1157	957	990	1,433	57	54	55	32	32	32	0	0	0	0.000	
8/12/2004	0.7	0.5	0.5	14.0	13.0	13.0	51	47	49	43	29	33	2103	573	999	1,436	57	54	55	32	32	32	0	0	0	0.000	
8/13/2004	0.5	0.5	0.5	14.0	13.0	13.0	47	44	46	45	29	33	2156	221	990	1,236	57	54	55	32	32	32	0	0	0	0.000	
8/14/2004	0.5	0.5	0.5	14.0	13.0	13.0	44	41	42	39	24	33	1689	0	861	1,322	56	54	55	32	32	32	0	0	0	0.000	
8/15/2004	0.5	0.5	0.5	14.0	13.0	13.0	51	40	48	35	30	33	1100	43	911	1,283	56	54	55	32	32	32	0	0	0	0.000	
8/16/2004	0.5	0.4	0.5	14.0	13.0	13.0	48	43	46	34	32	33	1017	710	909	1,363	57	54	55	32	32	32	0	0	0	0.000	
8/18/2004	0.5	0.4	0.5	14.0	13.0	13.0	44	40	43	35	32	33	1192	805	929	1,578	57	54	55	32	32	32	0	0	0	0.000	
8/19/2004	0.5	0.4	0.5	14.0	13.0	13.0	54	38	41	36	32	34	1306	798	1106	1,355	57	54	55	32	32	32	0	0	0	0.000	
8/20/2004	0.5	0.4	0.5	14.0	13.0	13.0	53	48	51	35	33	33	1156	894	930	1,222	56	54	55	32	32	32	0	0	0	0.000	
8/21/2004	0.5	0.4	0.5	14.0	13.0	14.0	50	45	47	43	24	33	2000	0	856	1,323	57	54	55	32	32	32	0	0	0	0.000	
8/22/2004	0.5	0.4	0.5	14.0	13.0	14.0	45	42	44	34	27	33	2494	0	919	1,315	57	53	55	32	32	32	0	0	0	0.000	
8/23/2004	0.5	0.4	0.5	14.0	13.0	13.0	53	37	46	34	32	33	1058	887	915	1,345	56	53	55	32	32	32	0	0	0	0.000	
8/24/2004	0.5	0.4	0.5	14.0	13.0	13.0	50	45	47	41	29	34	1819	304	1097	1,311	57	53	55	32	32	32	0	0	0	0.000	
8/25/2004	0.5	0.4	0.5	14.0	13.0	13.0	47	42	44	44	23	33	1957	0	907	1,301	57	53	55	32	32	32	0	0	0	0.000	
8/27/2004	0.5	0.4	0.5	14.0	13.0	13.0	43	39	41	35	30	33	1148	625	912	1,471	56	53	54	32	32	32	0	0	0	0.000	
8/28/2004	0.5	0.4	0.5	14.0	13.0	13.0	40	37	39	39	27	34	1670	423	1028	1,380	56	53	54	32	32	32	0	0	0	0.000	
8/30/2004	0.5	0.4	0.5	14.0	13.0	13.0	49	35	40	35	29	34	1270	175	945	1,522	57	53	54	32	32	32	0	0	0	0.000	
8/30/2004	0.5	0.4	0.5	14.0	13.0	13.0	48	43	46	45	28	34	2234	0	1056	1,437	57	53	54	32	32	32	0	0	0	0.000	
8/31/2004	0.5	0.4	0.5	14.0	13.0	13.0	45	40	43	35	32	34	1201	819	1008	1,291	57	53	54	32	32	32	0	0	0	0.000	
9/1/2004	0.4	0.3	0.4	14.0	13.0	14.0	41	38	40	35	31	33	1176	468	892	1,649	56	53	54	32	32	32	0	0	0	0.000	
9/2/2004	0.4	0.3	0.4	14.0	13.0	14.0	48	44	46	37	32	34	1362	1148	1213	1,762	56	53	54	32	32	32	0	0	0	0.000	
9/3/2004	0.6	0.0	0.4	14.0	13.0	13.0	60	43	51	36	34	35	1253	925	1056	1,531	56	53	54	32	32	32	0	0	0	0.000	
9/4/2004	0.5	0.5	0.5	14.0	13.0	14.0	59	54	54	44	29	35	2163	106	1203	1,705	62	53	58	32	32	32	0	0	0	0.000	
9/5/2004	0.6	0.5	0.5	14.0	13.0	14.0	59	54	54	44	29	35	2265	0	1037	1,264	62	60	60	32	32	32	0	0	0	0.000	
9/6/2004	0.7	0.5	0.5	15.0	13.0	13.0	60	51	55	46	25	33	2234	0	729	1,285	60	58	59	32	31	32	0	0	0	0.000	
9/7/2004	0.5	0.4	0.5	13.0	13.0	13.0	56	51	54	36	31	34	1314	587	1106	1,588	60	59	59	32	31	32	0	0	0	0.000	
9/8/2004	0.5	0.4	0.5	13.0	13.0	14.0	52	48	50	35	28	33	1232	460	947	1,373	61	59	60	36	36	36	0	0	0	0.000	
9/9/2004	0.5	0.4	0.5	13.0	13.0	13.0	48	45	47	48	24	33	2403	0	786	1,128	61	59	60	36	36	36	0	0	0	0.000	
9/10/2004	0.5	0.4	0.5	14.0	13.0	14.0	45	42	44	35	30	34	1192	936	988	1,413	62	59	60	36	36	36	0	0	0	0.000	
9/11/2004	0.7	0.5	0.5	14.0	13.0	13.0	40	38	38	35	33	34	1096	940	974	1,408	62	59	60	36	36	36	0	0	0	0.000	
9/12/2004	0.6	0.5	0.5	14.0	14.0	13.0	46	43	45	35	33	34	1127	951	975	1,407	62	59	60	36	36	36	0	0	0	0.000	
9/13/2004	0.5	0.5	0.5	14.0	14.0	13.0	52	32	47	36	32	34	1298	504	1074	1,542	62	59	60	36	36	36	0	0	0	0.000	
9/14/2004	0.6	0.5	0.5	15.0	14.0	13.0	59	54	57	35	30	34	1127	564	955	1,389	61	59	60	36	36	36	0	0	0	0.000	
9/15/2004	0.5	0.4	0.5	15.0	14.0	14.0	55	51	53	36	32	35	1245	382	809	1,144	61	59	60	36	36	36	0	0	0	0.000	

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)				IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)				IW-2 Total (MG)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Flow	Rate	Flow	Rate		Flow	Rate	Flow	Rate	Flow	Rate	Flow	Rate	Flow	Rate	
01/7/2004	0.5	0.4	0.5	15.0	14.0	14.0	51	47	50	36	31	33	1959	331	1187	1.708	62	59	60	36	36	36	0	0	0	0.000		
01/8/2004	0.5	0.4	0.5	14.0	14.0	13.0	51	45	47	42	30	35	1716	850	1095	1.575	62	59	60	36	36	36	0	0	0	0.000		
01/9/2004	0.5	0.4	0.5	14.0	13.0	13.0	47	43	45	40	33	34	1059	891	961	1.381	62	59	60	36	36	36	0	0	0	0.000		
01/20/2004	0.6	0.4	0.5	14.0	13.0	14.0	43	40	42	35	33	34	1736	125	1000	1.452	62	59	60	36	36	36	0	0	0	0.000		
01/21/2004	0.6	0.4	0.5	14.0	13.0	14.0	41	37	39	40	25	34	1270	631	967	1.430	61	58	59	36	36	36	0	0	0	0.000		
01/23/2004	0.5	0.4	0.5	14.0	13.0	14.0	53	35	48	36	32	34	1750	0	567	0.750	61	58	59	36	36	36	1254	0	368	0.697		
01/25/2004	0.5	0.4	0.5	14.0	13.0	13.0	53	35	48	41	29	34	0	0	0	0.000	62	58	59	46	32	36	1678	0	456	1.440		
01/24/2004	0.6	0.5	0.5	14.0	13.0	13.0	59	54	57	33	32	32	0	0	0	0.000	62	60	61	39	32	37	1181	728	1006	1.628		
01/26/2004	0.7	0.5	0.5	14.0	13.0	13.0	54	50	53	33	32	32	0	0	0	0.000	63	60	61	40	36	38	1338	718	1134	1.660		
01/28/2004	0.6	0.4	0.5	14.0	13.0	13.0	50	47	48	33	32	32	0	0	0	0.000	61	60	60	45	33	38	1851	471	1136	1.308		
01/27/2004	0.5	0.4	0.5	14.0	13.0	13.0	47	43	46	33	32	32	0	0	0	0.000	61	60	60	40	35	37	1390	0	917	1.547		
01/28/2004	0.6	0.4	0.5	14.0	13.0	13.0	44	41	43	33	32	32	0	0	0	0.000	62	60	61	39	37	38	1300	929	1081	1.353		
01/29/2004	0.5	0.4	0.5	14.0	13.0	13.0	50	38	44	33	32	32	1638	0	628	0.751	62	60	60	38	34	37	1108	335	924	0.627		
01/30/2004	0.5	0.4	0.5	14.0	13.0	13.0	58	36	46	54	25	34	2678	0	500	1.561	62	58	60	37	36	36	0	0	0	0.000		
01/31/2004	1.6	1.4	1.6	13.0	13.0	13.0	55	38	45	39	29	32	1730	0	287	1.367	48	46	47	32	31	32	0	0	0	0.000		
01/32/2004	1.6	1.4	1.6	13.0	13.0	13.0	51	46	49	35	30	33	1196	652	967	1.386	47	45	46	33	31	32	0	0	0	0.000		
01/33/2004	1.6	1.4	1.6	13.0	13.0	13.0	47	43	45	35	31	34	1289	290	1152	1.409	47	45	46	32	31	32	0	0	0	0.000		
01/34/2004	1.6	1.5	1.6	13.0	13.0	13.0	55	39	42	35	33	34	1261	1127	1149	1.478	47	44	45	32	31	32	0	0	0	0.000		
01/35/2004	1.6	1.4	1.6	13.0	13.0	13.0	54	49	52	44	35	33	1893	0	847	1.381	47	44	45	33	31	32	0	0	0	0.000		
01/36/2004	1.5	1.1	1.1	13.0	13.0	13.0	50	44	48	34	32	33	1160	304	923	1.443	47	44	45	32	31	32	0	0	0	0.000		
01/37/2004	1.5	1.1	1.1	13.0	13.0	13.0	45	41	44	35	33	34	1279	1105	1141	1.410	47	44	45	32	31	32	0	0	0	0.000		
01/38/2004	1.4	1.1	1.1	13.0	13.0	13.0	57	37	42	35	32	34	1248	902	1061	1.410	47	44	45	32	31	32	0	0	0	0.000		
01/39/2004	1.4	1.2	1.2	13.0	12.0	12.0	56	50	53	34	29	33	1229	890	993	1.364	47	44	45	32	30	32	0	0	0	0.000		
01/10/2004	1.4	1.2	1.2	13.0	13.0	13.0	50	45	49	35	29	33	1330	69	997	1.692	46	44	45	32	31	32	0	0	0	0.000		
01/11/2004	1.4	1.1	1.2	13.0	13.0	13.0	46	42	44	35	33	34	1328	1119	1146	1.590	46	44	45	32	31	32	0	0	0	0.000		
01/12/2004	1.4	1.1	1.2	13.0	13.0	13.0	43	38	41	35	33	34	1281	1084	1148	1.410	46	44	45	33	31	32	0	0	0	0.000		
01/13/2004	1.5	1.4	1.4	13.0	13.0	13.0	48	38	45	35	33	34	1243	1121	1148	1.405	46	43	44	33	31	32	0	0	0	0.000		
01/14/2004	1.4	1.2	1.1	13.0	13.0	13.0	59	40	43	35	32	34	1261	875	1112	1.368	47	43	44	32	31	32	0	0	0	0.000		
01/15/2004	1.4	1.2	1.1	13.0	12.0	12.0	57	51	55	35	30	33	1148	500	925	1.433	47	43	44	32	30	32	0	0	0	0.000		
01/16/2004	1.4	1.1	1.1	13.0	13.0	13.0	52	46	50	38	27	33	1497	0	857	1.371	47	43	44	32	31	32	0	0	0	0.000		
01/17/2004	1.4	1.1	1.2	13.0	13.0	13.0	48	42	45	35	28	33	1352	480	1016	1.430	46	43	44	32	31	32	0	0	0	0.000		
01/18/2004	1.4	1.1	1.1	13.0	13.0	13.0	43	39	41	34	30	32	1173	537	749	1.727	46	43	44	32	31	32	0	0	0	0.000		
01/19/2004	1.4	1.1	1.2	13.0	13.0	13.0	40	36	38	37	28	34	1452	282	1160	1.467	46	43	44	32	31	32	0	0	0	0.000		
01/20/2004	1.5	1.2	1.1	13.0	13.0	13.0	43	38	41	34	27	33	1503	0	871	1.397	45	43	43	32	31	32	0	0	0	0.000		
01/21/2004	1.5	1.2	1.1	24.0	13.0	14.0	48	42	45	36	28	31	1148	0	845	1.418	47	43	41	33	31	32	0	0	0	0.000		
01/22/2004	1.5	1.2	1.1	13.0	13.0	14.0	53	29	45	36	29	33	1356	0	961	1.364	46	43	44	32	31	32	0	0	0	0.000		
01/23/2004	1.4	1.2	1.1	14.0	13.0	13.0	56	50	54	36	33	32	1335	0	625	1.396	46	43	44	32	31	32	0	0	0	0.000		
01/24/2004	1.4	1.2	1.4	14.0	13.0	13.0	51	46	49	48	34	34	2417	0	992	1.405	46	43	44	33	31	32	0	0	0	0.000		
01/25/2004	1.4	1.1	1.4	14.0	13.0	13.0	47	42	45	36	34	35	1355	1142	1224	1.651	46	43	44	32	31	32	0	0	0	0.000		
01/26/2004	1.4	1.4	1.4	14.0	13.0	13.0	43	39	41	36	31	35	1408	663	1225	1.420	46	43	44	32	31	32	0	0	0	0.000		
01/27/2004	1.5	1.4	1.5	14.0	13.0	13.0	40	36	38	35	32	33	1104	531	970	1.445	46	43	44	33	32	32	0	0	0	0.000		
01/28/2004	1.4	1.4	1.4	14.0	13.0	13.0	46	34	44	39	26	33	1625	0	951	1.380	46	43	44	32	32	32	0	0	0	0.000		
01/29/2004	1.4	1.4	1.4	14.0	13.0	13.0	48	37	49	36	29	34	1259	270	1049	1.293	46	43	44	32	32	32	0	0	0	0.000		
01/30/2004	1.5	1.4	1.4	14.0	13.0	13.0	58	55	57	35	33	34	1229	988	1052	1.338	45	43	44	32	32	32	0	0	0	0.000		
01/31/2004	1.4	1.4	1.4	14.0	13.0	13.0	55	50	54	47	29	34	2316	0	1044	1.464	45	43	44	32	32	32	0	0	0	0.000		
11/1/2004	1.5	1.4	1.4	13.0	13.0	13.0	48	46	47	45	30	33	2349	358	966	1.593	59	56	57	32	31	31	0	0	0	0.000		
11/2/2004	1.4	1.2	1.1	13.0	13.0	13.0	47	45	46	35	33	34	1345	MIN	1114	1.481	59	57	57	33	31	32	0	0	0	0.000		
11/3/2004	1.5	1.4	1.4	13.0	12.0	12.0	45	43	45	41	30	34	1922	560	1033	1.497	59	57	57	32	31	32	0	0	0	0.000		
11/4/2004	1.4	1.2	1.1	13.0	13.0	13.0	44	43	43	49	32	34	2574	843	1022	1.568	59	56	57	32	31	32	0	0	0	0.000		
11/5/2004	1.4	1.2	1.1	13.0	13.0	13.0	62	42	48	36	33	34	1386	863	1099	1.212	59	56	57	33	31	31	0	0	0	0.000		
11/6/2004	1.4	1.1	1.1	13.0	13.0	13.0	52	50	51	44	23	33	1984	0	841	1.625	59	56	57	32	31	31	0	0	0	0.000		

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		
11/7/2004	1.4	1.1	1.2	13.0	13.0	13.0	50	48	50	43	30	34															
11/8/2004	1.4	1.1	1.1	13.0	13.0	13.0	49	47	48	35	32	34	1978	735	1136	1.428	59	56	57	32	31	31					
11/9/2004	1.4	1.1	1.2	13.0	12.0	12.0	47	46	47	35	34	34	1237	707	982	1.651	59	56	57	32	31	32	0	0	0	0.000	
11/10/2004	1.4	1.2	1.2	13.0	13.0	13.0	46	45	45	35	32	34	1286	1096	1141	1.614	59	56	57	32	31	32	0	0	0	0.000	
11/11/2004	1.4	1.1	1.2	13.0	13.0	13.0	46	43	44	47	32	33	1279	783	1123	1.386	59	56	57	32	31	32	0	0	0	0.000	
11/12/2004	1.4	1.1	1.2	13.0	13.0	13.0	43	41	42	34	32	33	2398	153	984	1.258	59	56	57	32	31	32	0	0	0	0.000	
11/13/2004	1.5	1.4	1.4	13.0	13.0	13.0	62	41	45	35	30	34	1001	818	870	1.541	59	56	57	32	31	32	0	0	0	0.000	
11/14/2004	1.4	1.2	1.1	13.0	13.0	13.0	49	47	48	39	31	33	1243	594	1071	1.281	59	56	57	33	31	32	0	0	0	0.000	
11/15/2004	1.4	1.2	1.1	13.0	12.0	12.0	47	45	46	35	31	33	1728	551	889	1.294	59	56	57	32	31	31	0	0	0	0.000	
11/16/2004	1.4	1.1	1.1	13.0	13.0	13.0	45	44	45	35	31	33	1246	580	889	1.294	59	56	57	32	31	31	0	0	0	0.000	
11/17/2004	1.4	1.1	1.2	13.0	13.0	13.0	47	43	44	47	31	33	1257	467	904	1.394	58	56	57	32	31	32	0	0	0	0.000	
11/18/2004	1.4	1.1	1.1	13.0	12.0	12.0	52	42	46	35	34	35	2413	669	959	1.720	58	56	57	32	31	32	0	0	0	0.000	
11/19/2004	1.4	1.1	1.2	13.0	13.0	13.0	40	42	43	44	29	35	2182	690	1185	1.329	49	45	47	32	31	32	0	0	0	0.000	
11/20/2004	1.5	1.2	1.1	13.0	13.0	13.0	43	42	42	42	36	32	1310	671	946	1.547	46	42	40	32	31	32	0	0	0	0.000	
11/21/2004	1.5	1.2	1.1	24.0	13.0	14.0	46	42	42	42	33	34	1978	735	1044	1.461	45	42	40	33	31	32	0	0	0	0.000	
11/22/2004	1.5	1.2	1.1	13.0	13.0	14.0	48	42	42	35	33	34	1198	878	1035	1.642	48	43	39	33	31	32	0	0	0	0.000	
11/23/2004	1.4	1.2	1.1	14.0	13.0	13.0	47	42	43	35	31	35	1262	556	1131	1.589	46	41	42	32	31	31	0	0	0	0.000	
11/24/2004	1.5	1.4	1.4	14.0	13.0	13.0	50	42	43	36	32	35	1294	798	1118	1.414	44	42	44	33	31	31	0	0	0	0.000	
11/25/2004	1.4	1.2	1.1	13.0	12.0	12.0	43	42	43	36	32	34	1219	679	965	1.701	45	44	44	32	31	32	0	0	0	0.000	
11/26/2004	1.4	1.1	1.1	14.0	13.0	13.0	60	41	42	36	30	35	1320	1143	1185	1.535	46	38	36	32	31	32	0	0	0	0.000	
11/27/2004	1.4	1.1	1.2	14.0	13.0	13.0	45	42	42	42	32	35	1289	584	1075	1.484	46	40	39	33	32	32	0	0	0	0.000	
11/28/2004	1.4	1.1	1.1	13.0	12.0	12.0	44	42	42	42	32	35	1908	905	1024	1.695	48	48	38	32	32	32	0	0	0	0.000	
11/29/2004	1.4	1.1	1.2	13.0	13.0	13.0	43	42	43	43	33	35	1290	935	1173	1.606	48	41	44	33	31	32	0	0	0	0.000	
11/30/2004	1.4	1.1	1.2	13.0	13.0	13.0	46	42	42	35	30	35	1992	887	1122	1.412	46	0	45	33	31	32	0	0	0	0.000	
12/1/2004	1.2	1.1	1.2	14.0	14.0	14.0	48	42	42	39	31	34	1321	880	1185	1.711	47	43	45	32	31	31	0	0	0	0.000	
12/2/2004	1.3	1.2	1.1	14.0	14.0	14.0	46	42	42	35	30	35	1225	837	965	1.698	45	42	44	32	31	32	0	0	0	0.000	
12/3/2004	1.2	1.1	1.2	14.0	14.0	14.0	47	42	43	35	31	34	1390	909	1204	1.368	46	45	45	32	31	32	0	0	0	0.000	
12/4/2004	1.3	1.2	1.1	14.0	13.0	13.0	43	42	43	35	31	35	1129	908	949	1.663	45	45	45	32	31	32	0	0	0	0.000	
12/5/2004	1.2	1.1	1.2	14.0	13.0	13.0	43	43	43	47	31	34	1311	792	1117	1.669	46	37	44	33	31	32	0	0	0	0.000	
12/6/2004	1.3	1.2	1.1	14.0	13.0	14.0	47	41	42	44	29	35	1305	1152	1184	1.704	45	37	46	32	31	31	0	0	0	0.000	
12/7/2004	1.4	1.1	1.1	14.0	13.0	14.0	45	42	42	36	32	33	2103	614	1166	1.369	44	4	45	32	31	31	0	0	0	0.000	
12/8/2004	1.4	1.1	1.2	14.0	13.0	14.0	44	42	43	42	33	34	1151	902	957	1.609	beginning of special operating conditions			beginning of special operating conditions				0	0	0	0.000
12/9/2004	1.3	1.2	1.1	14.0	13.0	14.0	43	42	43	35	33	34	1292	0	1101	1.737	conditions			conditions				0	0	0	0.018
12/10/2004	1.3	1.2	1.1	14.0	13.0	14.0	40	42	43	35	31	35	1312	1172	1189	1.692								0	0	0	0.000
12/11/2004	1.5	1.4	1.4	14.0	13.0	14.0	43	42	42	36	32	35	1712	0	1186	1.520	manual monitoring at 12 hour intervals			manual monitoring at 12 hour intervals				0	0	0	0.000
12/12/2004	1.3	1.2	1.1	14.0	14.0	14.0	47	40	41				1330	897	1058	1.038	reported on separate form through MWH			reported on separate form through MWH				1396	0	806	0.684
12/13/2004	1.2	1.1	1.2	14.0	14.0	14.0				31	0	0	0	0	0	0.000							1268	0	1065	1.743	
12/14/2004	1.3	1.2	1.1	14.0	13.0	14.0				38	0	0	0	0	0	0.000							1365	859	1205	1.415	
12/15/2004	1.3	1.2	1.1	14.0	13.0	14.0				38	0	0	0	0	0	0.000							1235	929	1004	1.656	
12/16/2004	1.2	1.1	1.2	14.0	13.0	14.0				38	0	0	0	0	0	0.000							2372	469	1120	1.619	
12/17/2004	1.3	1.2	1.1	14.0	13.0	14.0				38	0	0	0	0	0	0.000							2179	0	1135	1.743	
12/18/2004	1.2	1.1	1.2	14.0	13.0	14.0				38	0	0	0	0	0	0.000							1343	1159	1206	1.783	
12/19/2004	1.3	1.2	1.1	14.0	13.0	14.0				38	0	0	0	0	0	0.000							1283	1162	1207	1.727	
12/20/2004	1.5	1.4	1.4	14.0	13.0	14.0				38	0	0	0	0	0	0.000							2475	758	1224	1.470	
12/21/2004	1.3	1.2	1.1	14.0	13.0	14.0				38	0	0	0	0	0	0.000							1641	292	1045	1.669	
12/22/2004	1.2	1.1	1.2	14.0	14.0	14.0				38	0	0	0	0	0	0.000							1278	496	1135	1.441	
12/23/2004	1.3	1.2	1.1	14.0	14.0	14.0				38	0	0	0	0	0	0.000							1343	0	1014	1.456	
12/24/2004	1.4	1.1	1.2	14.0	13.0	14.0				38	0	0	0	0	0	0.000							2322	0	993	1.731	
12/25/2004										38	0	0	0	0	0	0.000							1292	448	1197	1.757	
12/26/2004										38	0	0	0	0	0	0.000							2700	0	1222	1.401	

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)				IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)																
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg									
12/26/2004	1.3	1.2	1.1	14.0	13.0	14.0			38			30	0	0	0	0.000														1506	240	981	1.707						
12/28/2004	1.2	1.1	1.2	14.0	14.0	14.0			38			30	0	0	0	0.000														1964	194	1165	1.425						
12/30/2004	1.3	1.2	1.1	14.0	13.0	14.0			38			31	0	0	0	0.000													1232	613	1010	1.674							
12/31/2004	1.4	1.1	1.2	14.0	14.0	14.0			38			31	0	0	0	0.000													3002	538	1150	1.476							
1/1/2005	0.6	0.5	0.5	14.0	13.0	14.0			38			32	0	0	0	0.000													2136	926	1024	1.515							
1/2/2005	0.7	0.6	0.6	14.0	13.0	14.0			38			32	0	0	0	0.000													1311	916	1062	1.408							
1/3/2005	0.6	0.5	0.5	14.0	13.0	14.0			38			32	0	0	0	0.000													1100	913	969	1.417							
1/4/2005	0.6	0.6	0.5	14.0	13.0	14.0			38			32	0	0	0	0.000													2227	883	964	1.439							
1/5/2005	0.6	0.5	0.5	14.0	13.0	14.0			38			32	0	0	0	0.000													1476	857	1022	1.299							
1/6/2005	0.6	0.5	0.5	14.0	13.0	14.0			38			32	0	0	0	0.000													1137	847	909	1.305							
1/7/2005	0.8	0.7	0.6	14.0	13.0	13.0			38			32	0	0	0	0.000													2017	474	898	1.456							
1/7/2005	0.6	0.5	0.5	14.0	13.0	13.0			38			32	0	0	0	0.000													1828	788	973	1.622							
1/8/2005	0.6	0.5	0.5	14.0	13.0	13.0			38			32	0	0	0	0.000													52	52	52	34	33	34	1828	788	973	1.622	
1/9/2005	0.5	0.5	0.5	14.0	13.0	13.0			38			32	0	0	0	0.000														60	50	55	34	32	33	2285	896	1133	1.518
1/10/2005	0.7	0.5	0.5	14.0	13.0	13.0			38			32	0	0	0	0.000														60	50	55	34	34	34	1845	539	1053	1.612
1/11/2005	0.6	0.5	0.5	14.0	13.0	13.0			38			32	0	0	0	0.000														60	60	60	33	33	33	2076	0	1132	1.345
1/12/2005	0.6	0.5	0.5	14.0	13.0	13.0			38			32	0	0	0	0.000														60	60	60	33	33	33	2590	877	936	1.189
1/12/2005	0.6	0.5	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000														54	50	52	34	32	33	2590	877	936	1.189
1/13/2005	0.7	0.6	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000														50	45	48	40	32	36	1805	0	833	1.347
1/14/2005	0.5	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														48	47	48	34	34	34	2609	0	902	1.792
1/15/2005	0.6	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														61	49	55	34	34	34	1424	873	1225	1.366
1/16/2005	0.6	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														58	55	57	33	33	33	1415	364	982	1.468
1/17/2005	0.7	0.5	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000														55	55	55	34	33	34	1898	106	999	1.469
1/18/2005	0.7	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														58	56	57	34	34	34	1348	875	1034	1.722
1/19/2005	0.8	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														61	60	61	34	34	34	2269	906	1192	1.618
1/20/2005	0.6	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														60	54	57	33	32	33	1332	888	1130	1.390
1/21/2005	0.6	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														56	56	56	34	33	34	1126	830	918	1.412
1/22/2005	0.7	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														57	56	57	33	33	33	1267	1	975	1.527
1/23/2005	0.6	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														60	52	56	34	32	33	1335	817	1042	1.619
1/24/2005	0.7	0.5	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000														60	54	57	34	34	34	1344	864	1131	1.624
1/25/2005	0.8	0.7	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000														58	58	58	33	33	33	1298	868	1139	1.362
1/26/2005	0.6	0.5	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000														62	60	61	34	34	34	1157	868	941	1.721
1/27/2005	0.6	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														60	60	60	34	33	34	1347	730	1187	1.406
1/28/2005	0.7	0.6	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000														60	50	55	33	33	33	2101	0	989	1.406
1/29/2005	0.7	0.5	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000														64	55	60	35	33	34	1080	923	970	1.612
1/30/2005	0.6	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														64	55	60	35	34	35	1426	677	1083	1.703
1/31/2005	0.6	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000														60	60	60	35	34	35	1358	1160	1201	1.648
2/1/2005	0.6	0.5	0.5	14.0	14.0	14.0			38	34	36	32	0	0	0	0.000														58	49	54	33	33	33	1365	724	1159	1.362
2/2/2005	0.7	0.6	0.6	14.0	14.0	14.0			38	34	35	32	0	0	0	0.000														58	55	57	33	33	33	1334	663	944	1.590
2/3/2005	0.6	0.5	0.5	14.0	14.0	14.0			38	34	35	32	0	0	0	0.000														61	58	60	34	34	34	1321	419	1083	1.748
2/4/2005	0.6	0.6	0.5	14.0	13.0	13.0			38	34	35	32	0	0	0	0.000														63	60	62	34	33	33	1401	1155	1206	1.526
2/5/2005	0.6	0.5	0.5	14.0	13.0	14.0			35	33	34	32	0	0	0	0.000														63	55	59	33	33	3	1327	894	1078	1.360
2/6/2005	0.8	0.7	0.6	14.0	13.0	14.0			37	33	34	32	0	0	0	0.000														55	54	55	35	35	35	1127	898	938	1.715
2/7/2005	0.6	0.5	0.5	14.0	13.0	14.0			37	34	35	32	0	0	0	0.000														60	56	58	35	35	35	1316	558	1177	1.712
2/8/2005	0.6	0.5	0.5	14.0	13.0	14.0			37	34	35	32	0	0	0	0.000														61	61	61	34	34	34	1313	1149	1190	1.524
2/9/2005	0.5	0.5	0.5	14.0	13.0	14.0			37	34	35	32	0	0	0	0.000														61	52	57	33	33	33	2277	295	1064	1.397
2/10/2005	0.7	0.5	0.5	14.0	13.0	14.0			38	34	35	32	0	0	0	0.000														54	54	54	33	33	33	2209	397	966	1.410
2/11/2005	0.6	0.5	0.5	14.0	13.0	14.0			38	34	35	32	0	0	0	0.000														54	50	52	33	33	33	1118	923	960	1.342
2/12/2005	0.6	0.5	0.6																																				

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (MG)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (MG)	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max
2/17/2005	0.7	0.5	0.6	14.0	13.0	14.0	40	35	37	32	32	32	0	0	0	0.000	58	55	57	35	35	35	1288	1196	1214	1.777	
2/18/2005	0.7	0.5	0.5	14.0	13.0	14.0	40	35	37	32	32	32	0	0	0	0.000	58	55	57	35	35	35	1332	1135	1218	1.733	
2/19/2005	0.8	0.5	0.5	14.0	13.0	14.0	39	35	37	32	32	32	0	0	0	0.000	60	55	58	35	35	35	2368	122	1212	1.739	
2/20/2005	0.6	0.5	0.5	14.0	13.0	14.0	38	34	36	32	32	32	0	0	0	0.000	64	55	60	35	35	35	1323	777	1208	1.600	
2/21/2005	0.6	0.5	0.5	14.0	13.0	14.0	38	34	36	32	32	32	0	0	0	0.000	59	58	59	35	35	35	1348	825	1103	1.753	
2/22/2005	0.7	0.5	0.5	14.0	13.0	14.0	39	34	36	32	32	32	0	0	0	0.000	59	59	59	35	34	34	1613	1001	1212	1.554	
2/23/2005	0.6	0.5	0.5	14.0	13.0	14.0	39	34	36	32	32	32	0	0	0	0.000	59	59	59	35	34	34	1484	665	1109	1.402	
2/24/2005	0.7	0.5	0.6	14.0	13.0	14.0	38	34	36	32	32	32	0	0	0	0.000	55	54	55	34	33	33	1242	861	953	1.352	
2/25/2005	0.8	0.7	0.6	14.0	13.0	14.0	38	34	36	32	32	32	0	0	0	0.000	53	51	52	34	34	34	1963	0	955	1.554	
2/26/2005	0.6	0.5	0.6	14.0	13.0	14.0	37	34	35	32	32	32	0	0	0	0.000	60	54	57	36	35	35	1328	250	1040	1.731	
2/27/2005	0.6	0.5	0.5	14.0	13.0	14.0	37	34	35	32	32	32	0	0	0	0.000	62	58	60	36	35	35	1338	1129	1217	1.754	
2/28/2005	0.7	0.6	0.6	14.0	13.0	14.0	37	34	35	32	32	32	0	0	0	0.000	62	61	62	36	36	36	1341	0	1207	1.647	
3/1/2005	0.8	0.7	0.6	14.0	13.0	14.0	37	34	35	32	32	32	0	0	0	0.000	62	61	62	36	36	36	1916	0	1163	1.432	
3/2/2005	0.6	0.5	0.5	14.0	13.0	14.0	36	33	34	32	32	32	0	0	0	0.000	61	49	55	34	34	34	2393	401	986	1.413	
3/3/2005	0.6	0.5	0.5	14.0	13.0	14.0	36	33	34	32	32	32	0	0	0	0.000	59	55	57	33	33	33	1162	700	982	1.373	
3/4/2005	0.5	0.5	0.5	14.0	13.0	14.0	35	33	34	32	32	32	0	0	0	0.000	60	54	57	33	33	33	1092	902	952	1.463	
3/5/2005	0.7	0.5	0.5	14.0	13.0	14.0	37	34	34	32	32	32	0	0	0	0.000	60	58	59	35	35	35	1248	735	997	1.692	
3/6/2005	0.6	0.5	0.5	14.0	13.0	14.0	38	34	35	32	32	32	0	0	0	0.000	62	54	58	35	33	34	1316	929	1181	1.517	
3/7/2005	0.6	0.5	0.5	14.0	13.0	14.0	38	34	35	32	32	32	0	0	0	0.000	55	55	55	36	35	36	1330	735	1046	1.751	
3/8/2005	0.7	0.5	0.6	14.0	13.0	14.0	37	35	35	32	32	32	0	0	0	0.000	61	60	61	36	35	36	1311	1113	1203	1.614	
3/9/2005	0.8	0.5	0.5	14.0	13.0	13.0	37	34	34	32	32	32	0	0	0	0.000	60	60	60	35	34	34	1322	840	1149	1.346	
3/12/2005	0.6	0.5	0.5	14.0	13.0	13.0	39	34	36	32	32	32	0	0	0	0.000	58	54	56	35	33	34	1074	835	929	1.326	
3/13/2005	0.7	0.6	0.6	14.0	13.0	13.0	39	35	36	32	32	32	0	0	0	0.000	58	58	58	35	35	35	2476	0	928	1.569	
3/14/2005	0.5	0.5	0.5	14.0	13.0	13.0	39	34	36	32	32	32	0	0	0	0.000	59	53	56	35	35	35	1323	902	1059	1.731	
3/15/2005	0.6	0.5	0.5	14.0	13.0	13.0	40	35	37	32	32	32	0	0	0	0.000	62	58	60	36	35	35	1308	1168	1201	1.736	
3/16/2005	0.6	0.5	0.5	14.0	13.0	13.0	40	35	37	32	32	32	0	0	0	0.000	59	56	58	35	35	36	1311	1177	1203	1.728	
3/17/2005	0.7	0.5	0.6	14.0	13.0	13.0	40	35	37	32	32	32	0	0	0	0.000	59	56	58	35	35	35	1314	1178	1198	1.764	
3/18/2005	0.7	0.5	0.5	14.0	13.0	13.0	39	35	37	32	32	32	0	0	0	0.000	60	59	60	35	35	35	2391	74	1205	1.722	
3/19/2005	0.8	0.5	0.5	14.0	13.0	13.0	39	35	37	32	32	32	0	0	0	0.000	60	59	60	35	35	35	1341	0	1202	1.738	
3/20/2005	0.6	0.5	0.5	14.0	13.0	13.0	37	34	36	32	32	32	0	0	0	0.000	60	60	60	35	35	35	1340	1108	1204	1.745	
3/21/2005	0.6	0.5	0.5	14.0	13.0	13.0	38	34	36	32	32	32	0	0	0	0.000	64	58	61	35	35	35	1378	1110	1215	1.536	
3/22/2005	0.7	0.5	0.5	14.0	14.0	14.0	39	35	37	32	32	32	0	0	0	0.000	60	58	59	36	35	36	1779	740	1092	1.411	
3/23/2005	0.6	0.5	0.6	14.0	14.0	14.0	39	36	37	32	32	32	0	0	0	0.000	52	50	51	35	33	34	2214	0	968	1.588	
3/24/2005	0.6	0.5	0.5	14.0	14.0	14.0	39	36	37	32	32	32	0	0	0	0.000	51	50	51	35	34	35	1381	0	1077	1.703	
3/25/2005	0.7	0.6	0.6	14.0	14.0	14.0	39	36	37	32	32	32	0	0	0	0.000	59	50	55	35	34	35	1336	0	1176	1.765	
3/26/2005	0.7	0.5	0.6	14.0	14.0	14.0	39	35	37	32	32	32	0	0	0	0.000	60	55	58	34	34	34	1370	480	1229	1.611	
3/27/2005	0.6	0.5	0.5	14.0	14.0	14.0	39	35	37	32	32	32	0	0	0	0.000	60	58	59	35	35	35	2016	0	1109	1.793	
3/28/2005	0.6	0.5	0.5	14.0	14.0	14.0	39	35	37	32	32	32	0	0	0	0.000	60	54	57	35	34	35	1386	1181	1225	1.748	
3/29/2005	0.7	0.5	0.6	14.0	14.0	14.0	38	35	37	32	32	32	0	0	0	0.000	60	54	57	34	34	34	1352	1182	1230	1.777	
3/30/2005	0.7	0.5	0.5	14.0	14.0	14.0	37	35	36	32	32	32	0	0	0	0.000	60	58	59	34	34	34	1371	1183	1227	1.776	
3/31/2005	0.6	0.5	0.5	14.0	14.0	14.0	38	33	35	32	32	32	0	0	0	0.000	60	56	58	34	34	34	1377	1	1225	1.747	
4/1/2005	0.6	0.5	0.5	14.0	13.0	13.0	39	34	36	32	32	32	0	0	0	0.000	60	58	59	34	34	34	2303	1137	1225	1.755	
4/2/2005	0.6	0.5	0.5	14.0	13.0	13.0	39	34	36	32	32	32	0	0	0	0.000	60	60	60	35	34	35	1333	1163	1206	1.781	
4/3/2005	0.7	0.5	0.6	14.0	13.0	13.0	38	34	36	32	32	32	0	0	0	0.000	62	58	60	34	34	34	1377	439	1228	1.754	
4/4/2005	0.7	0.5	0.5	14.0	13.0	13.0	38	33	35	32	32	32	0	0	0	0.000	63	62	63	35	34	35	1369	1027	1225	1.773	
4/5/2005	0.8	0.5	0.5	14.0	13.0	13.0	38	33	35	32	32	32	0	0	0	0.000	61	60	61	34	34	34	1984	349	1228	1.699	
4/6/2005	0.6	0.5	0.5	14.0	13.0	13.0	39	34	36	32	32	32	0	0	0	0.000	62	56	59	34	34	34	1377	1190	1234	1.786	
4/7/2005	0.6	0.5	0.5	14.0	14.0	14.0	39	35	36	32	32	32	0	0	0	0.000	60	58	59	35	34	35	1374	1189	1231	1.764	
4/8/2005	0.7	0.5	0.6	14.0	13.0	14.0	39	35	37	32	32	32	0	0	0	0.000	61	60	61	34	34	34	1379	1194	1233	1.797	
4/9/2005	0.6	0.5	0.5	14.0	14.0	14.0	39	35	37	32	32	32	0	0	0	0.000	60	56	58	34	34	34	1365	594	1234	1.730	
4/10/2005	0.7	0.5	0.6	14.0	13.0	14.0	39	35	37	32	32	32	0	0	0	0.000	60	54	57	34	34	34	1445	1062	1196	1.723	

CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (GPM)			IW-1 Total (GPM)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (GPM)			IW-2 Total (GPM)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
4/6/2005	0.7	0.5	0.5	14.0	13.0	12.0	38	35	36	32	32	32	0	0	0	0.000	64	56	60	34	34	34	1440	524	1202	1.609
4/10/2005	0.8	0.5	0.5	14.0	13.0	13.0	38	34	36	32	32	32	0	0	0	0.000	60	60	60	34	34	34	1337	760	1117	1.754
4/11/2005	0.6	0.5	0.5	14.0	13.0	13.0	39	34	36	32	32	32	0	0	0	0.000	58	56	57	34	34	34	2761	0	1208	1.725
4/12/2005	0.7	0.6	0.6	14.0	13.0	13.0	37	34	36	32	32	32	0	0	0	0.000	60	58	59	35	34	35	2126	694	1193	1.731
4/13/2005	0.5	0.5	0.5	14.0	13.0	13.0	38	34	36	32	32	32	0	0	0	0.000	60	60	60	35	33	34	2373	1098	1201	1.678
4/14/2005	0.6	0.5	0.5	14.0	13.0	13.0	38	34	36	32	32	32	0	0	0	0.000	61	55	58	34	34	34	2214	257	1168	1.741
4/15/2005	0.6	0.5	0.5	14.0	13.0	13.0	38	34	35	32	32	32	0	0	0	0.000	56	55	56	34	34	34	2744	150	1184	1.620
4/16/2005	0.7	0.5	0.6	14.0	13.0	13.0	38	34	35	32	32	32	0	0	0	0.000	60	56	58	34	34	34	2244	1	1136	1.731
4/17/2005	0.7	0.5	0.5	14.0	13.0	13.0	38	34	35	32	32	32	0	0	0	0.000	59	56	58	35	33	34	1339	1162	1203	1.752
4/18/2005	0.8	0.5	0.5	14.0	13.0	13.0	38	34	35	32	32	32	0	0	0	0.000	58	54	56	34	34	34	1447	1058	1095	1.953
4/19/2005	0.7	0.5	0.5	14.0	13.0	14.0	38	34	35	32	32	32	0	0	0	0.000	58	56	57	34	33	34	2587	0	1354	1.671
4/20/2005	0.6	0.5	0.5	14.0	13.0	14.0	38	34	36	32	32	32	0	0	0	0.000	59	56	58	34	34	34	1344	1040	1156	1.743
4/21/2005	0.6	0.5	0.5	14.0	13.0	14.0	38	34	36	32	32	32	0	0	0	0.000	57	55	56	33	34	34	1389	1107	1210	1.735
4/22/2005	0.6	0.5	0.5	14.0	13.0	14.0	38	34	36	32	32	32	0	0	0	0.000	60	48	54	34	34	34	2092	580	1184	1.726
4/23/2005	0.7	0.5	0.6	14.0	13.0	14.0	39	34	36	32	32	32	0	0	0	0.000	56	55	56	34	34	34	1310	1109	1205	1.745
4/24/2005	0.7	0.5	0.5	14.0	13.0	12.0	39	34	36	32	32	32	0	0	0	0.000	54	54	54	34	34	34	1344	1102	1209	1.742
4/25/2005	0.8	0.5	0.5	14.0	13.0	13.0	37	34	36	32	32	32	0	0	0	0.000	55	50	53	34	34	34	1344	1108	1209	1.750
4/26/2005	0.6	0.5	0.5	14.0	13.0	13.0	38	34	36	32	32	32	0	0	0	0.000	53	52	53	34	33	34	2166	652	1209	1.746
4/27/2005	0.7	0.6	0.6	14.0	13.0	13.0	38	34	36	32	32	32	0	0	0	0.000	52	50	51	34	34	34	1340	1045	1207	1.729
4/28/2005	0.5	0.5	0.5	14.0	13.0	13.0	38	35	36	32	32	32	0	0	0	0.000	52	52	52	34	33	34	1341	1064	1206	1.739
4/29/2005	0.6	0.5	0.5	14.0	13.0	13.0	38	35	36	32	32	32	0	0	0	0.000	58	53	56	34	33	34	2262	816	1221	1.787
4/30/2005	0.7	0.5	0.5	14.0	13.0	14.0	38	35	36	32	32	32	0	0	0	0.000	56	54	55	34	34	34	1351	1105	1210	1.727
5/1/2005	0.6	0.5	0.6	14.0	13.0	14.0			38			32	0	0	0	0.000	55	52	54	34	33	34	1371	1116	1209	1.744
5/2/2005	0.7	0.6	0.7	14.0	13.0	14.0			38			32	0	0	0	0.000	55	52	54	33	33	33	1356	1116	1205	1.753
5/3/2005	0.6	0.5	0.6	14.0	13.0	14.0			38			32	0	0	0	0.000	62	52	57	33	33	33	1360	1111	1208	1.460
5/4/2005	0.6	0.5	0.6	14.0	13.0	14.0			38			32	0	0	0	0.000	62	52	57	34	32	33	2449	0	1015	1.681
5/5/2005	0.6	0.5	0.6	14.0	13.0	14.0			38			32	0	0	0	0.000	60	56	58	32	32	32	1305	957	1171	1.488
5/6/2005	0.8	0.7	0.8	14.0	13.0	13.0			38			32	0	0	0	0.000	60	56	58	32	32	32	1188	0	1028	1.484
5/7/2005	0.6	0.5	0.6	14.0	13.0	13.0			38			32	0	0	0	0.000	62	52	57	33	32	33	2398	243	1033	1.550
5/8/2005	0.6	0.5	0.6	14.0	13.0	13.0			38			32	0	0	0	0.000	55	53	54	34	33	34	2238	981	1065	1.739
5/9/2005	0.5	0.4	0.5	14.0	13.0	13.0			38			32	0	0	0	0.000	60	54	57	34	32	33	1376	1121	1209	1.746
5/10/2005	0.7	0.5	0.6	14.0	13.0	13.0			38			32	0	0	0	0.000	61	60	61	34	34	34	1341	0	1207	1.611
5/11/2005	1.2	0.5	0.9	14.0	13.0	13.0			38			32	0	0	0	0.000	61	52	57	33	33	33	2767	147	1140	1.729
5/12/2005	1.4	0.5	1.0	14.0	14.0	14.0			38			32	0	0	0	0.000	61	58	60	34	32	33	2091	654	1163	1.740
5/13/2005	0.7	0.6	0.7	14.0	14.0	14.0			38			32	0	0	0	0.000	62	59	61	40	32	36	1341	1117	1208	1.754
5/14/2005	0.5	0.5	0.5	14.0	14.0	14.0			38			32	0	0	0	0.000	62	55	59	34	34	34	1389	0	1203	1.723
5/15/2005	1.6	0.5	1.1	14.0	14.0	14.0			38			32	0	0	0	0.000	60	58	59	34	34	34	2299	790	1210	1.752
5/16/2005	0.6	0.5	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000	60	50	55	33	33	33	1351	1116	1209	1.740
5/17/2005	1.2	0.5	0.9	14.0	14.0	14.0			38			32	0	0	0	0.000	57	46	52	34	33	34	1362	1117	1209	1.776
5/18/2005	1.2	0.4	0.8	14.0	14.0	14.0			38			32	0	0	0	0.000	46	45	46	34	34	34	1261	0	1215	1.750
5/19/2005	1.4	0.4	0.9	14.0	14.0	14.0			38			32	0	0	0	0.000	45	45	45	34	34	34			0	1.738
5/20/2005	1.2	0.4	0.8	14.0	14.0	14.0			38			32	0	0	0	0.000	45	45	45	33	32	33			0	1.728
5/21/2005	1.3	0.5	0.9	14.0	14.0	14.0			38			32	0	0	0	0.000	52	50	51	34	33	34			0	1.771
5/22/2005	0.7	0.5	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000	54	47	51	33	33	33			0	1.745
5/23/2005	0.6	0.5	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000	50	50	50	34	32	33			0	1.598
5/24/2005	0.7	0.5	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000	60	52	56	34	34	34			0	1.769
5/25/2005	0.8	0.7	0.8	14.0	14.0	14.0			38			32	0	0	0	0.000	58	58	58	33	33	33			0	1.745
5/26/2005	1.4	0.5	1.0	14.0	14.0	14.0			38			32	0	0	0	0.000	60	50	55	34	34	34			0	1.736
5/27/2005	0.6	0.5	0.6	14.0	14.0	14.0			38			32	0	0	0	0.000	60	60	60	34	33	34			0	1.751
5/28/2005	0.7	0.6	0.7	14.0	14.0	14.0			38			32	0	0	0	0.000	60	60	60	33	33	33			0	1.743
5/29/2005	1.5	0.5	1.0	14.0	14.0	14.0			38			32	0	0	0	0.000	59	55	57	35	33	34			0	1.661

**CITY OF MIRAMAR WEST WATER TREATMENT PLANT CONCENTRATE INJECTION WELL SYSTEM
PRESSURE AND FLOW RATE DATA**

Date Collected	Upper Monitor Zone (PSI)			Lower Monitor Zone (PSI)			IW-1 Annulus (PSI)			IW-1 Injection (PSI)			IW-1 Daily Flow Rate (MGD)			IW-1 Total (MGD)	IW-2 Annulus (PSI)			IW-2 Injection (PSI)			IW-2 Daily Flow Rate (MGD)			IW-2 Total (MGD)
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	
7/20/2005	7.9	7.7	7.8	14.1	14.1	14.1										60	58	59	35	35	35	15045	15021	15033	1.730	
7/21/2005	7.9	7.8	7.9	14.1	14.1	14.1										60	60	60	35	35	35	15097	15071	15084	1.736	
7/22/2005	7.8	7.7	7.8	14.1	14.0	14.0										64	60	62	35	35	35	15150	15124	15137	1.724	
7/23/2005	7.7	7.7	7.7	14.1	14.0	14.0										62	55	59	35	35	35	15192	15173	15183	1.739	
7/24/2005	7.8	7.7	7.8	14.1	14.0	14.0										60	57	59	35	35	35	15232	15212	15222	1.727	
7/25/2005	7.7	7.7	7.7	14.1	14.1	14.1										55	52	54	35	35	35	15269	15252	15261	1.729	
7/26/2005	7.8	7.7	7.8	14.1	14.0	14.0										58	55	57	35	35	35	15307	15286	15297	1.755	
7/27/2005	7.9	7.8	7.9	14.1	14.1	14.1										58	57	58	35	35	35	15347	15327	15337	1.732	
7/28/2005	7.7	7.7	7.7	14.1	14.1	14.1										57	54	56	35	35	35	15390	15371	15381	1.695	
7/29/2005	7.7	7.7	7.7	14.1	14.1	14.1										63	57	60	34	34	34	15422	15408	15415	1.719	
7/30/2005	7.6	7.6	7.6	14.1	14.0	14.0										62	55	59	35	35	35	15467	15450	15459	1.733	
7/31/2005	7.6	7.6	7.6	14.1	14.0	14.0										60	55	58	35	34	35	15506	15486	15496	1.724	
8/1/2005	7.6	5.8	6.7	14.1	14.0	14.1				Well off line	Well off line	Well off line				62	55	59	35	35	35	15543	15524	15534	1.740	
8/2/2005	7.8	7.7	7.8	14.2	14.1	14.2				Rehab of Well	In Progress					60	55	58	35	35	35	15581	15562	15572	1.753	
8/3/2005	7.7	7.6	7.7	14.2	14.2	14.2										58	56	57	35	35	35	15623	15607	15615	1.728	
8/4/2005	1.9	1.6	1.8	14.6	13.7	14.2				NOTE:						55	50	53	35	35	35	15656	15645	15651	1.757	
8/5/2005	5.8	4.5	5.2	13.7	13.7	13.7				Monitoring Well:	UPPER ZONE					52	52	52	35	34	34	15684	15666	15665	1.735	
8/6/2005	4.7	4.5	4.6	13.8	13.7	13.8				Equipment Repaired / Replaced 7/09/05						53	52	53	35	35	35	15712	15699	15706	1.759	
8/7/2005	7.8	7.7	7.8	13.8	13.7	13.8				Absence of some figures based on ongoing rehabilitation, repair & upgrade to total injection well instrumentation and system						56	55	56	35	34	35	15742	15727	15735	1.753	
8/8/2005	7.9	7.9	7.9	14.0	13.7	13.9										58	56	57	35	35	35	15771	15758	15765	1.716	
8/9/2005	7.7	3.5	5.6	13.7	13.5	13.6										58	55	57	35	35	35	15780	15788	15796	1.342	
8/10/2005	3.8	3.6	3.7	13.7	13.6	13.7										56	55	56	35	35	35	15841	15828	15835	1.425	
8/11/2005	4.0	3.7	3.9	13.9	13.7	13.8										58	55	57	35	35	35	15879	15858	15869	1.748	
8/12/2005	3.9	3.9	3.9	13.9	13.9	13.9										56	53	55	35	35	34	15915	15899	15907	1.7583	
8/13/2005	4.0	3.9	4.0	13.9	13.9	13.9										60	54	57	35	35	35	15953	15934	15944	1.6456	
8/14/2005	4.1	4.0	4.1	13.9	13.9	13.9										54	52	53	35	35	35	15988	15969	15979	1.6138	
8/15/2005	4.2	4.1	4.2	14.1	13.9	14.0										55	54	55	0	No Data	0	16034	16018	16026	1.7188	
8/16/2005	4.1		4.1	14.1	No Data	14.1										54	54	54	0	No Data	0	No Data	16035	16035	1.773	
8/17/2005	2.4	0.3	1.4	13.8	13.7	13.8										55	55	55	0	No Data	0	16082	16067	16075	1.714	
8/18/2005	0.8	0.7	0.8	13.9	13.9	13.9										54	48	51	35	No Data	35	16116	16099	16108	1.728	
8/19/2005	0.7	0.7	0.7	13.9	13.8	13.9										53	48	51	0	No Data	0	16146	16131	16139	1.760	
8/20/2005	1.0	0.8	0.9	13.8	13.7	13.8										53	52	53	0	No Data	0	16172	16158	16165	1.730	
8/21/2005	1.7	1.2	1.5	13.9	13.6	13.8										55	54	55	0	No Data	0	16192	16180	16186	1.736	
8/22/2005	2.0	1.6	1.8	14.0	13.9	14.0										53	52	53	0	No Data	0	16220	16207	16214	1.724	
8/23/2005	2.0	1.9	2.0	14.0	13.9	14.0										54	48	51	0	No Data	0	16247	16234	16241	1.739	
8/24/2005	2.1	1.8	2.0	14.8	14.1	14.5										54	52	53	34	No Data	34	16277	16263	16270	1.727	
8/25/2005	2.1	1.6	1.9	14.0	14.0	14.0										55	55	55	35	35	35	16307	16297	16302	1.729	
8/26/2005	5.1	5.1	5.1	14.1	14.1	14.1										46	45	46	33	32	33	16327	16319	16323	1.755	
8/27/2005	5.6	5.3	5.5	14.1	14.1	14.1										46	40	43	33	33	33	16335	16333	16334	1.732	
8/28/2005	6.2	6.1	6.2	14.1	14.1	14.1										57	47	52	35	33	34	16346	16340	16343	1.695	
8/29/2005	6.2	6.2	6.2	14.1	14.1	14.1										47	42	45	35	35	35	16376	16353	16365	1.719	
8/30/2005	6.2	6.2	6.2	14.1	14.1	14.1										55	48	52	36	35	35	16386	16377	16382	1.733	
8/31/2005	6.3	6.1	6.2	14.1	14.1	14.1										55	45	50	35	34	35	16410	16395	16403	1.724	
9/1/2005										Well off line	Well off line	Well off line				60	47	54	35	35	34.8	1645	1642	1208.7	1.727	
9/2/2005																53	48	51	35	34	34.4	1665	1647	1154.7	1.705	
9/3/2005										NOTE:						62	56	59	34	34	34.1	1714	1688	1136.7	1.734	
9/4/2005										Monitoring Well:	UPPER ZONE					55	52	54	35	34	34.5	1756	1736	1168.8	1.739	
9/5/2005										Equipment Functioning erratically repair &/or Replacement of same Scheduled ASAP.						60	58	59	34	34	34.2	1798	1777	1160.8	1.747	
9/6/2005																56	55	56	35	34	34.5	1827	1819	1176.3	1.755	
																66	60	63	34	34	34.2	1885	1834	1110.3	1.710	

