USGS Site Identification Number	Transect Number	ODEQ Site Number	Latitude NAD83	Longitude NAD83	Land Surface Elevation Meters above MSL	Water Table Elevation Meters above MSL
434219121313401	p01.1	deq1018	434218.86	1213133.99	1292.10	1287.99
434219121313402	p01.2	deq1019	434218.86	1213133.99	1292.10	1287.99
434219121313403	p01.3	deq1020	434218.86	1213133.99	1292.10	1287.99
434219121313404	p01.4	deq1021	434218.86	1213133.99	1292.10	1287.99
434217121313401	p02.1	deq1022	434216.96	1213133.99	1291.87	1288.09
434217121313402	p02.2	deq1023	434216.96	1213133.99	1291.87	1288.09
434212121313401	p03.1	deq1033	434212.33	1213134.10	1291.23	1288.15
434212121313402	p03.2	deq1024	434212.33	1213134.10	1291.23	1288.15
434212121313403	p03.3	deq1025	434212.33	1213134.10	1291.23	1288.15
434212121313501	p04.1	deq1059	434211.71	1213134.64	1291.36	1288.15
434210121313501	p05.1	deq1026	434210.43	1213134.56	1291.55	1288.17
434210121313503	p05.2	deq1027	434210.43	1213134.56	1291.55	1288.17
434210121313504	p05.3	deq1028	434210.43	1213134.56	1291.55	1288.17
434210121313505	p06.1	deq1058	434209.58	1213134.64	1291.69	1288.14
434209121313401	p07.1	deq1029	434208.69	1213134.26	1291.85	1288.15
434209121313402	p07.2	deq1030	434208.69	1213134.26	1291.85	1288.15
434209121313403	p07.3	deq1031	434208.69	1213134.26	1291.85	1288.15
434209121313404	p07.4	deq1032	434208.69	1213134.26	1291.85	1288.15
434206121313401	p08.1	deq1044	434206.24	1213134.26	1291.88	1288.13
434206121313402	p08.2	deq1045	434206.24	1213134.26	1291.88	1288.13
434206121313403	p08.3	deq1046	434206.24	1213134.26	1291.88	1288.13
434204121313401	p09.1	deq1047	434204.25	1213134.03	1291.61	1288.12
434204121313402	p09.2	deq1048	434204.25	1213134.03	1291.61	1288.12
434202121313401	p10.1	deq1049	434201.55	1213134.18	1291.94	1288.20
434202121313402	p10.2	deq1050	434201.55	1213134.18	1291.94	1288.20
434202121313403	p10.3	deq1051	434201.55	1213134.18	1291.94	1288.20
434159121313401	p11.1	deq1052	434159.20	1213134.10	1292.27	1288.15
434159121313402	p11.2	deq1053	434159.20	1213134.10	1292.27	1288.15
434159121313403	p11.3	deq1054	434159.20	1213134.10	1292.27	1288.15
434155121313401	p12.1	deq1055	434155.26	1213133.87	1291.61	1288.16
434155121313402	p12.2	deq1056	434155.26	1213133.87	1291.61	1288.16
434155121313403	p12.3	deq1057	434155.26	1213133.87	1291.61	1288.16
434155121313404	p12.4	(--)	434155.26	1213133.87	1291.61	1288.16

Oregon Department of Environmental Quality (ODEQ) installed 33 temporary wells in a dense array occupying a plane 730 m long and 6.4 m deep. These wells were installed by direct

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Oregon Department of Environmental Quality (ODEQ) installed 33 temporary wells in a dense array occupying a plane 730 m long and 6.4 m deep. These wells were installed by direct push of a 0.61-meter-long stainless steel screen. Development of these wells was done by peristaltic pump until ground water was visibly clear. These wells were sampled by ODEQ for nitrite-plus-nitrate, ammonium, and chloride (32 wells each constituent) and dissolved oxygen (33 wells) to provide information on solute dispersion. This network of wells is referred to as the dispersion array. Samples were collected following stabilization of field parameters. Dissolved oxygen was measured electrometrically in situ. Samples for nitrite-plus-nitrate, ammonium, and chloride were filtered through 0.45-um nominal-pore-size capsule filters. Samples for nitrite-plus-nitrate and ammonium were preserved with sulfuric acid to pH < 2. Analytical techniques were as follows: nitrite-plus-nitrate, automated cadmium reduction; ammonium, automated phenate; and chloride, automated ferricynide (Clesceri et al., 1998).

Clesceri, L.S., Greenberg, A.E., Eaton, A.D., 1998. Standard Methods for the Examination of Water and Wastewater, 20th ed. American Public Health Association, Washington, DC, variously paged.

USGS, U.S. Geological Surve

ODEQ, Oregon Department o

Latitude and longitude: in deg
American Datum of 1983 (NAI

mg N/L, milligrams nitrogen pe

mg/L, milligrams per liter

us/cm, microsiemens per cent

Center of Screen Meters above MSL	Date	Time	Nitrite-plus-nitrate mg N/L	Ammonium mg N/L	Chloride mg/L	Dissolved Oxygen mg/L	Specific Conductance uS/cm
1287.04	4/20/2000	10:30	0.78	<0.02	3.3	9.68	101
1286.17	4/20/2000	12:10	2.11	0.03	4.7	7.47	133
1284.65	4/20/2000	13:20	2.58	0.03	14.0	6.80	122
1283.42	4/20/2000	14:20	3.07	0.02	4.1	6.72	130
1286.95	4/20/2000	15:40	0.83	<0.02	1.5	8.06	107
1284.44	4/20/2000	16:50	1.52	0.05	2.8	3.80	115
1286.95	4/25/2000	12:00	0.20	<0.02	3.7	6.89	138
1285.17	4/20/2000	18:00	11.00	0.07	20.0	6.10	369
1282.05	4/20/2000	20:00	0.0025	0.05	3.0	0.12	122
1286.65	4/27/2000	18:10	1.09	0.05	5.9	7.73	109
1286.74	4/24/2000	17:00	28.10	0.02	32.0	6.28	575
1285.28	4/24/2000	15:10	12.10	0.04	18.0	6.91	302
1283.92	4/24/2000	16:00	1.79	0.03	2.2	4.91	126
1286.84	4/27/2000	17:10	0.29	<0.02	2.3	5.57	127
1286.89	4/24/2000	18:10	0.30	<0.02	4.0	7.75	105
1285.43	4/24/2000	19:10	5.76	0.05	7.4	7.80	176
1283.96	4/25/2000	9:20	12.20	0.03	11.0	3.67	246
1282.63	4/25/2000	10:20	5.60	0.03	5.8	1.67	166
1286.69	4/25/2000	13:30	0.71	0.03	13.0	7.12	182
1284.59	4/25/2000	15:00	4.29	0.02	0.6	7.18	206
1283.39	4/25/2000	15:50	1.36	0.02	2.6	5.38	110
1286.38	4/25/2000	17:10	0.11	<0.02	0.8	7.91	56
1284.30	4/25/2000	17:50	1.78	0.04	3.8	5.59	112
1287.70	4/26/2000	10:40	0.10	<0.02	1.3	7.71	76
1285.59	4/26/2000	11:50	1.44	0.02	1.8	7.26	83
1283.47	4/26/2000	12:50	3.69	0.02	4.9	5.39	162
1287.41	4/27/2000	9:30	0.02	<0.02	1.7	8.05	92
1285.18	4/27/2000	10:10	3.30	<0.02	5.2	7.48	136
1282.54	4/27/2000	10:50	2.57	0.03	5.1	4.74	142
1285.90	4/27/2000	12:30	0.37	0.02	3.2	7.47	97
1284.32	4/27/2000	13:20	0.76	0.02	4.7	4.17	133
1281.29	4/27/2000	14:20	2.82	<0.02	3.5	4.14	154
1279.16	4/27/2000	15:40	(--)	(--)	(--)	< or = 0.08	(--)

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degrees, minutes, and seconds, relative to the North
(NAD83).

n per liter

centimeter at 25 degrees Celsius