

TABLES

Table F1. Summary of Calibration Statistics - California Steady State Flow Model
OUTCP RI/FS Former Fort Ord, California

<i>A-Aquifer</i>	<i>Well Name</i>	<i>June 2004 Observed Head (ft)</i>	<i>Computed Head (ft)</i>	<i>Residuals (ft)</i>
	MW-BW-75-A	9.43	7.91	1.52
	MW-BW-74-A	7.67	7.13	0.54
	MW-BW-71-A	80.36	82.36	-2.00
	MW-BW-76-A	5.88	6.00	-0.12
	MW-BW-73-A	8.07	7.21	0.86
	MW-OU2-77-A	83.55	85.84	-2.29
	MW-OU2-76-A	67.93	74.68	-6.75
	MW-OU2-75-A	78.83	82.96	-4.13
	MW-OU2-74-A	90.64	89.06	1.58
	MW-OU2-73-A	87.69	90.09	-2.40
	MW-OU2-60-A	82.91	86.56	-3.65
	MW-OU2-59-A	79.62	80.42	-0.80
	MW-OU2-58-A	79.59	80.47	-0.88
	MW-OU2-57-A	92.69	93.10	-0.41
	MW-OU2-45-A	81.37	85.74	-4.37
	MW-OU2-31-A	9.08	8.39	0.69
	MW-OU2-30-A	82.27	83.13	-0.86
	MW-OU2-28-A	87.56	89.89	-2.33
	MW-OU2-27-A	89.14	90.23	-1.09
	MW-OU2-25-A	79.82	78.08	1.74
	MW-OU2-23-A	62.46	70.29	-7.83
	MW-OU2-21-A	39.56	43.09	-3.53
	MW-OU2-13-A	92.16	93.40	-1.24
	MW-OU2-12-A	49.52	61.09	-11.57
	MW-OU2-09-A	47.58	56.93	-9.35
	MW-OU2-08-A	63.20	70.22	-7.02
	MW-OU2-07-A	56.54	64.67	-8.13
	MW-OU2-06-A	48.76	58.49	-9.73
	MW-OU2-05-A	48.32	51.72	-3.40
	MW-OU2-04-A	43.51	43.74	-0.23
	MW-OU2-03-A	63.42	74.63	-11.21
	MW-OU2-02-A	87.05	88.75	-1.70
	MW-BW-67-A	33.86	31.52	2.34
	MW-BW-66-A	33.99	26.62	7.37
	MW-BW-65-A	9.54	8.73	0.81
	MW-BW-64-A	81.94	82.78	-0.84
	MW-BW-61-A	82.04	84.96	-2.92
	MW-BW-59-A	44.71	43.85	0.86
	MW-BW-58-A	70.03	68.84	1.19
	MW-BW-57-A	73.90	73.08	0.83
	MW-BW-56-A	74.63	73.37	1.26
	MW-BW-55-A	77.05	77.92	-0.87
	MW-BW-54-A	77.68	76.65	1.04
	MW-BW-53-A	78.33	77.75	0.58
	MW-BW-52-A	79.36	78.66	0.70
	MW-BW-51-A	80.79	80.36	0.44
	MW-BW-50-A	82.82	84.61	-1.79
	MW-BW-49-A	9.50	8.38	1.12
	MW-BW-48-A	9.10	9.21	-0.11
	MW-BW-47-A	9.03	8.83	0.19
	MW-BW-46-A	9.74	9.51	0.23
	MW-BW-45-A	10.26	9.84	0.42
	MW-BW-44-A	10.27	10.25	0.02
	MW-BW-43-A	37.70	24.67	13.03
	MW-BW-42-A	43.52	37.21	6.31
	MW-BW-41-A	41.09	35.44	5.65
	MW-BW-40-A	42.19	35.63	6.56

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	MW-BW-39-A	47.08	46.01	1.07
	MW-BW-38-A	51.06	52.48	-1.42
	MW-BW-37-A	47.52	45.66	1.87
	MW-BW-36-A	52.05	55.60	-3.55
	MW-BW-35-A	52.27	54.16	-1.89
	MW-BW-34-A	54.76	56.36	-1.60
	MW-BW-33-A	54.15	57.14	-2.99
	MW-BW-32-A	58.07	61.26	-3.19
	MW-BW-31-A	57.72	59.76	-2.04
	MW-BW-30-A	61.80	62.07	-0.27
	MW-BW-28-A	68.13	66.52	1.61
	MW-BW-27-A	65.36	64.68	0.68
	MW-BW-26-A	63.26	64.49	-1.23
	MW-BW-25-A	74.75	73.87	0.88
	MW-BW-24-A	74.31	71.65	2.66
	MW-BW-23-A	79.89	80.31	-0.42
	MW-BW-18-A	63.08	68.11	-5.03
	MW-BW-17-A	71.62	70.05	1.57
	MW-BW-16-A	72.42	71.22	1.20
	MW-BW-13-A	7.69	10.33	-2.64
	MW-BW-10-A	66.23	64.49	1.74
	MW-BW-01-A	65.47	65.40	0.07
	MW-B-18-A	67.62	65.89	1.73
	MW-B-14-A	70.84	69.22	1.62
	MW-B-12-A	48.05	46.51	1.54
	MW-B-10-A	41.93	41.90	0.03
	MW-B-02-A	54.46	54.72	-0.26
	MW-40-01-A	62.40	61.90	0.50
	MW-16-01-A	19.33	29.49	-10.16

Error Summary:

Mean Error = 0.856

Mean Absolute Error = 2.683

Root Mean Squared Error = 3.967

Upper 180 -

Foot Aquifer	Well Name	Observed Head (ft)	Computed Head (ft)	Residuals (ft)
	MP-BW-41-256	-11.26	-10.62	-0.64
	MP-BW-41-231	-11.32	-10.62	-0.70
	MW-OU2-70-180	-13.23	-11.55	-1.68
	MW-OU2-67-180	-12.95	-11.00	-1.95
	MW-OU2-64-180	-11.59	-10.11	-1.48
	MW-OU2-63-180	-10.10	-9.64	-0.46
	MW-OU2-62-180	-9.92	-10.85	0.93
	MW-OU2-61-180	-12.03	-11.13	-0.90
	MW-OU2-56-180	-9.22	-10.11	0.89
	MW-OU2-55-180	-6.58	-8.23	1.65
	MW-OU2-53-180	-8.32	-9.02	0.70
	MW-OU2-52-180	-3.69	-4.48	0.79
	MW-OU2-51-180	-2.82	-3.16	0.34
	MW-OU2-50-180	-2.81	-3.01	0.20
	MW-OU2-49-180	-8.61	-8.77	0.16
	MW-OU2-48-180	-8.74	-8.47	-0.27
	MW-OU2-47-180	-10.23	-10.50	0.27
	MW-OU2-46-180	-10.53	-10.86	0.33
	MW-OU2-44-180	-9.61	-10.24	0.63
	MW-OU2-43-180	-1.34	-2.65	1.31
	MW-OU2-42-180	3.31	2.00	1.31
	MW-OU2-39-180	-6.29	-8.15	1.86

Table F1. Summary of Calibration Statistics - California Steady State Flow Model
 OUTCP RI/FS Former Fort Ord, California

**Upper 180 -
 Foot Aquifer**

Well Name	Observed Head (ft)	Computed Head (ft)	Residuals (ft)
MW-OU2-31-180R	1.33	1.15	0.18
MW-OU2-30-180	-10.29	-9.90	-0.39
MW-OU2-28-180	-10.77	-11.33	0.56
MW-OU2-24-180	-8.24	-8.80	0.56
MW-OU2-23-180	-5.29	-6.28	0.99
MW-OU2-09-180R	-6.40	-6.93	0.53
MW-OU2-07-180R	-8.06	-8.39	0.33
MW-OU2-06-180R	-6.27	-7.41	1.14
MW-OU2-05-180	-4.15	-5.59	1.44
MW-BW-56-180	-11.31	-10.39	-0.92
MW-BW-55-180	-7.97	-7.89	-0.08
MW-BW-54-180	-6.89	-7.33	0.44
MW-BW-53-180	-9.70	-8.98	-0.72
MW-BW-52-180	-9.80	-9.05	-0.75
MW-BW-51-180	-10.27	-9.47	-0.80
MW-BW-50-180	-10.50	-10.21	-0.29
MW-BW-47-180	-9.74	-8.99	-0.75
MW-BW-45-180	-9.00	-8.46	-0.55
MW-BW-43-180	-8.24	-7.96	-0.28
MW-BW-29-180	-7.87	-7.86	-0.01
MW-BW-26-180	-7.68	-7.78	0.10
MW-BW-25-180	-8.54	-8.32	-0.22
MW-BW-22-180	-8.26	-8.09	-0.17
MW-BW-21-180	-8.06	-7.99	-0.07
MW-BW-20-180	-8.16	-8.00	-0.16
MW-BW-19-180R	-9.66	-8.08	-1.58
MW-BW-14-180	1.14	0.39	0.75
MW-BW-02-180	-9.50	-9.91	0.41
MW-B-13-180	-7.83	-7.91	0.08
MW-B-05-180	-6.27	-5.80	-0.47
MP-BW-46-215	-8.67	-8.46	-0.21
MP-BW-46-200	-8.74	-8.46	-0.28
MP-BW-46-185	-8.70	-8.46	-0.24
MP-BW-46-170	-8.68	-8.46	-0.22
MP-BW-42-195	-10.45	-9.70	-0.75
MP-BW-41-202	-12.30	-10.62	-1.68
MP-BW-37-193	-7.25	-7.47	0.22
MP-BW-37-178	-7.41	-7.47	0.05
MP-BW-35-242	-7.68	-7.68	0.00
IW-OU2-03-180	-9.65	-9.06	-0.59

Error Summary:

Mean Error = 0.018

Mean Absolute Error = 0.635

Root Mean Squared Error = 0.811

**Lower 180 -
 Foot Aquifer**

Well Name	Observed Head (ft)	Computed Head (ft)	Residuals (ft)
MP-BW-42-195	-10.45	-9.70	-0.75
MW-OU2-66-180	-12.17	-13.35	1.18
MW-OU2-69-180	-13.50	-14.10	0.60
MW-OU2-72-180	-14.89	-14.05	-0.84
Airfield	-15.43	-15.51	0.08
MCWD-08A	-10.99	-11.12	0.13
MP-BW-30-317	-11.02	-11.30	0.28
MP-BW-30-342	-11.01	-11.30	0.29
MP-BW-30-397	-10.72	-11.30	0.58
MP-BW-31-292	-12.22	-9.74	-2.48
MP-BW-31-332	-11.61	-11.91	0.30
MP-BW-31-362	-11.46	-11.91	0.45
MP-BW-31-407	-11.03	-11.91	0.88

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Lower 180 -
Foot Aquifer

<i>Well Name</i>	<i>Observed Head (ft)</i>	<i>Computed Head (ft)</i>	<i>Residuals (ft)</i>
MP-BW-32-332	-11.46	-9.97	-1.49
MP-BW-32-366	-11.36	-12.12	0.76
MP-BW-32-412	-11.25	-12.12	0.87
MP-BW-33-317	-11.62	-10.25	-1.37
MP-BW-33-352	-11.56	-10.25	-1.31
MP-BW-33-397	-11.49	-12.42	0.93
MP-BW-34-292	-15.46	-11.61	-3.85
MP-BW-34-357	-14.05	-15.16	1.11
MP-BW-34-422	-13.76	-15.16	1.40
MP-BW-35-312	-15.78	-16.56	0.78
MP-BW-35-366	-15.46	-16.56	1.10
MP-BW-35-402	-15.40	-16.56	1.16
MP-BW-37-303	-11.68	-11.53	-0.15
MP-BW-37-328	-11.72	-11.53	-0.19
MP-BW-37-368	-11.40	-11.53	0.13
MP-BW-37-398	-11.19	-11.53	0.34
MP-BW-38-327	-15.98	-17.35	1.37
MP-BW-38-341	-13.90	-17.35	3.45
MP-BW-38-353	-13.83	-17.35	3.52
MP-BW-38-368	-16.06	-17.35	1.29
MP-BW-39-310	-14.14	-14.74	0.60
MP-BW-39-330	-14.01	-14.74	0.73
MP-BW-39-350	-13.97	-14.74	0.77
MP-BW-39-395	-13.19	-14.74	1.55
MP-BW-40-333	-18.96	-17.84	-1.12
MP-BW-40-353	-18.97	-17.84	-1.13
MP-BW-40-375	-18.68	-17.84	-0.84
MP-BW-40-400	-18.79	-17.84	-0.95
MP-BW-41-286	-11.23	-12.21	0.98
MP-BW-41-318	-11.29	-12.21	0.92
MP-BW-41-353	-11.35	-12.21	0.86
MP-BW-42-295	-11.33	-12.67	1.34
MP-BW-42-314	-11.52	-12.67	1.15
MP-BW-42-345	-10.94	-12.67	1.73
MW-OU2-06-400	-7.29	-7.34	0.05
MW-OU2-09-400	-6.95	-6.86	-0.09
MW-OU2-22-400	-6.88	-6.20	-0.68
MW-OU2-28-400	-10.66	-11.36	0.70

Error Summary:

Mean Error = 0.336

Mean Absolute Error = 1.012

Root Mean Squared Error = 1.296

Checked: MDT

Approved: CM

**Table F2. Summary of Verification Simulations - Calibrated Steady State Flow Model
OUCTP RI/FS Former Fort Ord, California**

ID	Pumping Well	Pumping Rate (gpm,ft ³ /d)	Zone/ Aquifer	Observation Wells	Observed Drawdown (ft)	Simulated Drawdown (ft)	Test Date	Test Duration (days)
1	MW-BW-14A	7, 1347.5	A	MW-BW-60-A MW-B-14-A MW-BW-15-A	0.7 none none	1.05 - -	7/22/2003	1
2	MW-BW-44-A	6.5, 1251.249	A	PZ-BW-44-A MW-BW-45-A MW-B-11-A	0.14 none none	0.09	7/24/2003	0.4
3	MW-OU2-51-180	125, 24062.49	Upper 180	MW-OU2-180 MW-OU2-52-180	0.22 0.61	0.11 0.26	5/6/1997	3.01
4	MW-OU2-53-180	150, 28874.99	Upper 180	MW-OU2-24-180 MW-OU2-39-180	0.39 0.39	0.39 0.44	5/28/1997	2.2
5	MW-OU2-49-180	175, 33687.49	Upper 180	MW-OU2-06-180R MW-OU2-07-180 MW-OU2-48-180	0.5 1.3 2	0.1 0.3 0.4	5/13/1997	3

Checked MDT

Approved CM