269149

Work Plan
Dissolved Phase
Groundwater Investigation

Volume 2 of 2:
Appendices A through D

The Hartford Area Hydrocarbon Plume Site
Hartford, Illinois

Prepared for:

THE HARTFORD WORKING GROUP

Hartford, Illinois

Clayton Project No. 15-03095.14.007
May 24, 2005

CLAYTON GROUP SERVICES, INC.
3140 Finley Road
Downers Grove, Illinois 60515
630.795.3200

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APPENDIX A-1

2004/2005 GROUNDWATER ELEVATIONS/ APPARENT PRODUCT THICKNESS – VILLAGE OF HARTFORD, ILLINOIS

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2004 GROUNDWATER ELEVATIONS/APPARENT PRODUCT THICKNESS

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
IEPA-4	01/27/04	--	--	--	--	--	--	--
	02/09/04	430.35	32.74	34.12	397.61	396.23	1.38	397.29
	03/15/04	430.35	31.58	32.42	398.77	397.93	0.84	398.58
	04/20/04	430.35	30.35	31.71	400.00	398.64	1.36	399.69
	05/27/04	430.35	30.50	31.83	399.85	398.52	1.33	399.54
	06/03/04	430.35	29.03	30.38	401.32	399.97	1.35	401.01
	06/10/04	430.35	27.66	29.38	402.69	400.97	1.72	402.29
	06/17/04	430.35	27.15	29.44	403.20	400.91	2.29	402.67
	06/23/04	430.35	26.49	29.08	403.86	401.27	2.59	403.26
	06/30/04	430.35	26.39	28.92	403.96	401.43	2.53	403.38
	07/09/04	430.35	27.22	29.69	403.13	400.66	2.47	402.56
	07/14/04	430.35	27.68	29.92	402.67	400.43	2.24	402.15
	07/20/04	430.35	27.94	29.95	402.41	400.40	2.01	401.95
	07/28/04	430.35	28.57	30.30	401.78	400.05	1.73	401.38
	08/03/04	430.35	28.77	30.53	401.58	399.82	1.76	401.18
	08/11/04	430.35	29.04	30.78	401.31	399.57	1.74	400.91
	08/19/04	430.35	29.56	31.32	400.79	399.03	1.76	400.39
	08/27/04	430.35	30.08	31.84	400.27	398.51	1.76	399.87
	09/03/04	430.35	29.50	31.24	400.85	399.11	1.74	400.45
	09/20/04	430.35	30.41	32.16	399.94	398.19	1.75	399.54
	10/21/04	430.35	31.18	32.89	399.17	397.46	1.71	398.78
	11/17/04	430.35	30.98	36.68	399.37	393.67	5.70	398.06
	12/08/04	430.35	30.59	32.30	399.76	398.05	1.71	399.37
HB-07[2]	01/27/04	432.32	PLUGGED	PLUGGED	PLUGGED	PLUGGED	PLUGGED	PLUGGED
HB-16[3]	01/27/04	431.42	--	--	--	--	--	--
	02/18/04	431.42	--	--	--	--	--	--
	03/15/04	431.42	--	--	--	--	--	--
	04/20/04	431.42	32.15	32.86	399.27	398.56	0.71	399.11
	05/27/04	431.42	--	--	--	--	--	--
	06/03/04	431.42	29.76	30.43	401.66	400.99	0.67	401.51
	06/10/04	431.42	--	--	--	--	--	--
	06/17/04	431.42	28.43	30.27	402.99	401.15	1.84	402.57
	06/23/04	431.42	27.40	29.72	404.02	401.70	2.32	403.49
	06/30/04	431.42	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HB-16[3]	07/08/04	431.42	28.87	31.67	402.55	399.75	2.80	401.91
	07/14/04	431.42	--	--	--	--	--	--
	07/20/04	431.42	28.84	32.53	402.58	398.89	3.69	401.73
	07/28/04	431.42	--	--	--	--	--	--
	08/03/04	431.42	29.82	33.48	401.60	397.94	3.66	400.76
	08/11/04	431.42	30.24	33.54	401.18	397.88	3.30	400.42
	08/19/04	431.42	31.33	33.44	400.09	397.98	2.11	399.60
	08/27/04	431.42	--	--	--	--	--	--
	09/03/04	431.42	--	--	--	--	--	--
	09/21/04	431.42	--	--	--	--	--	--
	10/21/04	431.42	--	--	--	--	--	--
	11/17/04	431.42	32.46	33.76	398.96	397.66	1.30	398.66
	12/08/04	431.42	--	--	--	--	--	--
HB-27[2]	02/18/04	425.83	PLUGGED	PLUGGED	PLUGGED	PLUGGED	PLUGGED	PLUGGED
HB-30	01/27/04	431.08	--	--	--	--	--	--
	02/18/04	431.08	33.75	34.83	397.33	396.25	1.08	397.08
	03/15/04	431.08	--	--	--	--	--	--
	04/20/04	431.08	31.03	32.25	400.05	398.83	1.22	399.77
	05/27/04	431.08	30.73	31.50	400.35	399.58	0.77	400.17
	06/03/04	431.08	29.53	30.79	401.55	400.29	1.26	401.26
	06/10/04	431.08	--	--	--	--	--	--
	06/17/04	431.08	27.55	30.22	403.53	400.86	2.67	402.92
	06/23/04	431.08	26.88	30.26	404.20	400.82	3.38	403.42
	06/30/04	431.08	--	--	--	--	--	--
	07/08/04	431.08	27.58	30.68	403.50	400.40	3.10	402.79
	07/14/04	431.08	28.13	30.86	402.95	400.22	2.73	402.32
	07/20/04	431.08	28.34	30.93	402.74	400.15	2.59	402.14
	07/28/04	431.08	29.21	31.04	401.87	400.04	1.83	401.45
	08/03/04	431.08	NA	29.44	NA	401.64	0.00	401.64
	08/03/04	431.08	29.65	31.48	401.43	399.60	1.83	401.01
	08/19/04	431.08	30.24	31.97	400.84	399.11	1.73	400.44
	08/27/04	431.08	--	--	--	--	--	--
	09/03/04	431.08	30.06	31.60	401.02	399.48	1.54	400.67
	09/21/04	431.08	31.05	32.33	400.03	398.75	1.28	399.74

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HB-30	10/21/04	431.08	--	--	--	--	--	--
	11/17/04	431.08	31.55	32.86	399.53	398.22	1.31	399.23
	12/08/04	431.08	31.16	32.26	399.92	398.82	1.10	399.67
HB-31[3]	01/27/04	431.49	NA	35.43	NA	396.06	0.00	396.06
	02/17/04	431.49	--	--	--	--	--	--
	03/15/04	431.49	--	--	--	--	--	--
	04/21/04	431.49	NA	33.25	NA	398.24	0.00	398.24
	05/27/04	431.49	NA	32.14	NA	399.35	0.00	399.35
	06/03/04	431.49	NA	29.95	NA	401.54	0.00	401.54
	06/10/04	431.49	--	--	--	--	--	--
	06/17/04	431.49	NA	28.77	NA	402.72	0.00	402.72
	06/23/04	431.49	NA	27.91	NA	403.58	0.00	403.58
	06/30/04	431.49	NA	28.00	NA	403.49	0.00	403.49
	07/09/04	431.49	NA	29.44	NA	402.05	0.00	402.05
	07/14/04	431.49	NA	29.88	NA	401.61	0.00	401.61
	07/20/04	431.49	NA	30.06	NA	401.43	0.00	401.43
	07/28/04	431.49	NA	30.95	NA	400.54	0.00	400.54
	08/03/04	431.49	NA	31.23	NA	400.26	0.00	400.26
	08/11/04	431.49	NA	31.54	NA	399.95	0.00	399.95
	08/19/04	431.49	NA	32.43	NA	399.06	0.00	399.06
	08/27/04	431.49	--	--	--	--	--	--
	09/03/04	431.49	--	--	--	--	--	--
	09/21/04	431.49	NA	33.25	NA	398.24	0.00	398.24
	10/21/04	431.49	NA	34.06	NA	397.43	0.00	397.43
	11/17/04	431.49	NA	33.29	NA	398.20	0.00	398.20
	12/08/04	431.49	NA	32.85	NA	398.64	0.00	398.64
HB-32[4]	01/27/04	433.33	NA	36.94	NA	396.39	0.00	396.39
	02/17/04	433.33	NA	37.62	NA	395.71	0.00	395.71
	03/15/04	433.33	NA	35.11	NA	398.22	0.00	398.22
	04/20/04	433.33	NA	34.59	NA	398.74	0.00	398.74
	05/27/04	433.33	NA	33.77	NA	399.56	0.00	399.56
	05/27/04	433.33	NA	33.58	NA	399.75	0.00	399.75
	06/03/04	433.33	NA	32.20	NA	401.13	0.00	401.13

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
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1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HB-32[4]	06/10/04	433.33	NA	31.06	NA	402.27	0.00	402.27
	06/17/04	433.33	NA	30.87	NA	402.46	0.00	402.46
	06/23/04	433.33	NA	30.20	NA	403.13	0.00	403.13
	06/30/04	433.33	NA	30.10	NA	403.23	0.00	403.23
	07/09/04	433.33	NA	31.38	NA	401.95	0.00	401.95
	07/14/04	433.33	NA	31.68	NA	401.65	0.00	401.65
	07/20/04	433.33	NA	31.95	NA	401.38	0.00	401.38
	07/28/04	433.33	NA	32.66	NA	400.67	0.00	400.67
	08/03/04	433.33	NA	32.91	NA	400.42	0.00	400.42
	08/11/04	433.33	NA	33.24	NA	400.09	0.00	400.09
	08/19/04	433.33	NA	34.11	NA	399.22	0.00	399.22
	08/27/04	433.33	NA	34.24	NA	399.09	0.00	399.09
	09/03/04	433.33	NA	33.00	NA	400.33	0.00	400.33
	09/21/04	433.33	NA	34.82	NA	398.51	0.00	398.51
	10/21/04	433.33	NA	35.59	NA	397.74	0.00	397.74
	11/17/04	433.33	NA	35.00	NA	398.33	0.00	398.33
	12/07/04	433.33	NA	34.41	NA	398.92	0.00	398.92
HB-33[4]	01/27/04	430.23	--	--	--	--	--	--
	02/17/04	430.23	--	--	--	--	--	--
	03/15/04	430.23	NA	30.46	NA	399.77	0.00	399.77
	04/21/04	430.23	NA	29.48	NA	400.75	0.00	400.75
	05/27/04	430.23	NA	29.03	NA	401.20	0.00	401.20
	06/03/04	430.23	NA	28.56	NA	401.67	0.00	401.67
	06/10/04	430.23	NA	26.77	NA	403.46	0.00	403.46
	06/17/04	430.23	NA	26.35	NA	403.88	0.00	403.88
	06/23/04	430.23	NA	25.52	NA	404.71	0.00	404.71
	06/30/04	430.23	NA	25.33	NA	404.90	0.00	404.90
	07/09/04	430.23	NA	26.09	NA	404.14	0.00	404.14
	07/14/04	430.23	NA	26.23	NA	404.00	0.00	404.00
	07/20/04	430.23	NA	26.70	NA	403.53	0.00	403.53
	07/28/04	430.23	NA	27.15	NA	403.08	0.00	403.08
	08/03/04	430.23	NA	27.03	NA	403.20	0.00	403.20
	08/11/04	430.23	NA	27.30	NA	402.93	0.00	402.93
	08/19/04	430.23	NA	27.84	NA	402.39	0.00	402.39

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HB-33[4]	08/27/04	430.23	NA	28.19	NA	402.04	0.00	402.04
	09/03/04	430.23	NA	26.88	NA	403.35	0.00	403.35
	09/21/04	430.23	NA	28.59	NA	401.64	0.00	401.64
	10/21/04	430.23	NA	29.72	NA	400.51	0.00	400.51
	11/17/04	430.23	NA	28.80	NA	401.43	0.00	401.43
	12/07/04	430.23	NA	29.03	NA	401.20	0.00	401.20
HB-37	01/27/04	431.77	33.94	34.27	397.83	397.50	0.33	397.75
	03/15/04	431.77	33.00	33.01	398.77	398.76	0.01	398.77
	04/21/04	431.77	NA	32.03	NA	399.74	0.00	399.74
	05/27/04	431.77	NA	31.65	NA	400.12	0.00	400.12
	06/03/04	431.77	NA	30.33	NA	401.44	0.00	401.44
	06/10/04	431.77	29.11	29.12	402.66	402.65	0.01	402.66
	06/17/04	431.77	NA	28.93	NA	402.84	0.00	402.84
	06/23/04	431.77	NA	28.16	NA	403.61	0.00	403.61
	06/30/04	431.77	NA	27.95	NA	403.82	0.00	403.82
	07/08/04	431.77	NA	28.74	NA	403.03	0.00	403.03
	07/14/04	431.77	NA	29.16	NA	402.61	0.00	402.61
	07/20/04	431.77	NA	29.47	NA	402.30	0.00	402.30
	07/28/04	431.77	NA	30.14	NA	401.63	0.00	401.63
	08/03/04	431.77	NA	30.40	NA	401.37	0.00	401.37
	08/11/04	431.77	NA	30.69	NA	401.08	0.00	401.08
	08/19/04	431.77	31.33	31.34	400.44	400.43	0.01	400.44
	08/27/04	431.77	NA	31.80	NA	399.97	0.00	399.97
	09/03/04	431.77	NA	29.92	NA	401.85	0.00	401.85
	09/21/04	431.77	NA	32.22	NA	399.55	0.00	399.55
	10/20/04	431.77	NA	33.06	NA	398.71	0.00	398.71
	**11/17/2004	431.77	NA	37.57	NA	394.20	0.00	394.20
	12/07/04	431.77	NA	32.09	NA	399.68	0.00	399.68
HB-38	01/27/04	429.92	--	--	--	--	--	--
	02/18/04	429.92	NA	32.11	NA	397.81	0.00	397.81
	03/15/04	429.92	NA	30.44	NA	399.48	0.00	399.48
	04/21/04	429.92	NA	29.36	NA	400.56	0.00	400.56
	05/27/04	429.92	NA	29.09	NA	400.83	0.00	400.83

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
HB-38	06/03/04	429.92	--	--	--	--	--	--
	06/10/04	429.92	--	--	--	--	--	--
	06/17/04	429.92	NA	26.68	NA	403.24	0.00	403.24
	06/23/04	429.92	NA	25.81	NA	404.11	0.00	404.11
	06/30/04	429.92	NA	25.51	NA	404.41	0.00	404.41
	07/08/04	429.92	NA	26.09	NA	403.83	0.00	403.83
	07/14/04	429.92	NA	26.52	NA	403.40	0.00	403.40
	07/20/04	429.92	NA	26.79	NA	403.13	0.00	403.13
	07/28/04	429.92	NA	27.43	NA	402.49	0.00	402.49
	08/03/04	429.92	NA	27.73	NA	402.19	0.00	402.19
	08/11/04	429.92	NA	28.02	NA	401.90	0.00	401.90
	08/19/04	429.92	NA	28.62	NA	401.30	0.00	401.30
	08/26/04	429.92	NA	29.10	NA	400.82	0.00	400.82
	09/03/04	429.92	NA	28.47	NA	401.45	0.00	401.45
	09/21/04	429.92	NA	29.58	NA	400.34	0.00	400.34
	10/19/04	429.92	NA	30.42	NA	399.50	0.00	399.50
	11/16/04	429.92	NA	30.07	NA	399.85	0.00	399.85
	12/07/04	429.92	NA	29.71	NA	400.21	0.00	400.21
HMW-01	01/27/04	429.97	NA	19.78	NA	410.19	0.00	410.19
	02/17/04	429.97	--	--	--	--	--	--
	03/15/04	429.97	NA	19.15	NA	410.82	0.00	410.82
	04/20/04	429.97	NA	19.50	NA	410.47	0.00	410.47
	05/27/04	429.97	NA	16.21	NA	413.76	0.00	413.76
	06/03/04	429.97	NA	17.55	NA	412.42	0.00	412.42
	06/10/04	429.97	NA	18.12	NA	411.85	0.00	411.85
	06/17/04	429.97	NA	18.74	NA	411.23	0.00	411.23
	06/23/04	429.97	NA	18.18	NA	411.79	0.00	411.79
	06/30/04	429.97	NA	19.14	NA	410.83	0.00	410.83
	07/09/04	429.97	NA	19.37	NA	410.60	0.00	410.60
	07/14/04	429.97	NA	19.84	NA	410.13	0.00	410.13
	07/20/04	429.97	NA	20.29	NA	409.68	0.00	409.68
	07/28/04	429.97	NA	20.76	NA	409.21	0.00	409.21
	08/03/04	429.97	NA	20.37	NA	409.60	0.00	409.60
	08/11/04	429.97	NA	20.76	NA	409.21	0.00	409.21

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HMW-01	08/16/04	429.97	29.95	29.96	400.02	400.01	0.01	400.02
	08/27/04	429.97	NA	21.06	NA	408.91	0.00	408.91
	09/03/04	429.97	NA	21.13	NA	408.84	0.00	408.84
	09/20/04	429.97	21.49	21.50	408.48	408.47	0.01	408.48
	**10/21/2004	429.97	NA	21.95	NA	408.02	0.00	408.02
	11/17/04	429.97	NA	21.46	NA	408.51	0.00	408.51
	12/07/04	429.97	NA	18.58	NA	411.39	0.00	411.39
HMW-02	01/27/04	429.65	32.11	32.88	397.54	396.77	0.77	397.36
	02/17/04	429.65	32.56	34.14	397.09	395.51	1.58	396.73
	03/15/04	429.65	31.03	31.58	398.62	398.07	0.55	398.49
	04/20/04	429.65	29.96	30.65	399.69	399.00	0.69	399.53
	05/27/04	429.65	29.54	30.01	400.11	399.64	0.47	400.00
	06/03/04	429.65	28.27	28.73	401.38	400.92	0.46	401.27
	06/10/04	429.65	26.52	27.54	403.13	402.11	1.02	402.90
	06/17/04	429.65	26.98	27.45	402.67	402.20	0.47	402.56
	06/23/04	429.65	26.26	26.70	403.39	402.95	0.44	403.29
	06/30/04	429.65	26.09	26.50	403.56	403.15	0.41	403.47
	07/09/04	429.65	27.13	27.63	402.52	402.02	0.50	402.41
	07/14/04	429.65	27.45	27.88	402.20	401.77	0.43	402.10
	07/20/04	429.65	27.72	28.19	401.93	401.46	0.47	401.82
	07/28/04	429.65	28.35	28.79	401.30	400.86	0.44	401.20
	08/03/04	429.65	28.55	28.98	401.10	400.67	0.43	401.00
	08/11/04	429.65	28.88	29.49	400.77	400.16	0.61	400.63
	08/19/04	429.65	29.61	30.06	400.04	399.59	0.45	399.94
	08/27/04	429.65	29.91	30.38	399.74	399.27	0.47	399.63
	09/03/04	429.65	28.87	29.35	400.78	400.30	0.48	400.67
	09/20/04	429.65	30.26	30.74	399.39	398.91	0.48	399.28
	10/21/04	429.65	31.18	31.63	398.47	398.02	0.45	398.37
	11/17/04	429.65	30.64	31.12	399.01	398.53	0.48	398.90
	12/07/04	429.65	30.15	30.53	399.50	399.12	0.38	399.41
HMW-03	01/27/04	428.72	NA	28.61	NA	400.11	0.00	400.11
	02/17/04	428.72	--	--	--	--	--	--
	03/15/04	428.72	NA	28.03	NA	400.69	0.00	400.69

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-03	04/20/04	428.72	NA	26.60	NA	402.12	0.00	402.12
	05/27/04	428.72	--	--	--	--	--	--
	06/03/04	428.72	NA	24.98	NA	403.74	0.00	403.74
	06/10/04	428.72	NA	23.68	NA	405.04	0.00	405.04
	06/17/04	428.72	--	--	--	--	--	--
	06/23/04	428.72	NA	22.95	NA	405.77	0.00	405.77
	06/30/04	428.72	NA	22.67	NA	406.05	0.00	406.05
	07/08/04	428.72	NA	23.23	NA	405.49	0.00	405.49
	07/14/04	428.72	NA	23.60	NA	405.12	0.00	405.12
	07/20/04	428.72	NA	23.97	NA	404.75	0.00	404.75
	07/28/04	428.72	NA	24.97	NA	403.75	0.00	403.75
	08/03/04	428.72	NA	25.24	NA	403.48	0.00	403.48
	08/11/04	428.72	NA	25.56	NA	403.16	0.00	403.16
	08/19/04	428.72	NA	26.06	NA	402.66	0.00	402.66
	08/27/04	428.72	NA	26.85	NA	401.87	0.00	401.87
	09/03/04	428.72	NA	26.56	NA	402.16	0.00	402.16
	09/20/04	428.72	NA	27.52	NA	401.20	0.00	401.20
	10/21/04	428.72	--	--	--	--	--	--
	11/16/04	428.72	NA	27.95	NA	400.77	0.00	400.77
	12/07/04	428.72	NA	26.50	NA	402.22	0.00	402.22
HMW-04	01/27/04	428.96	10.93	10.94	418.03	418.02	0.01	418.03
	02/17/04	428.96	--	--	--	--	--	--
	03/15/04	428.96	NA	11.00	NA	417.96	0.00	417.96
	04/20/04	428.96	NA	12.01	NA	416.95	0.00	416.95
	05/27/04	428.96	--	--	--	--	--	--
	06/03/04	428.96	NA	7.57	NA	421.39	0.00	421.39
	06/10/04	428.96	NA	8.15	NA	420.81	0.00	420.81
	06/17/04	428.96	NA	8.73	NA	420.23	0.00	420.23
	06/23/04	428.96	NA	6.84	NA	422.12	0.00	422.12
	06/30/04	428.96	NA	8.03	NA	420.93	0.00	420.93
	07/08/04	428.96	NA	8.06	NA	420.90	0.00	420.90
	07/14/04	428.96	NA	8.84	NA	420.12	0.00	420.12
	07/20/04	428.96	NA	9.97	NA	418.99	0.00	418.99
	07/28/04	428.96	NA	11.31	NA	417.65	0.00	417.65

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-04	08/03/04	428.96	NA	10.87	NA	418.09	0.00	418.09
	08/11/04	428.96	NA	11.19	NA	417.77	0.00	417.77
	08/19/04	428.96	NA	12.28	NA	416.68	0.00	416.68
	08/25/04	428.96	NA	12.59	NA	416.37	0.00	416.37
	09/03/04	428.96	NA	12.82	NA	416.14	0.00	416.14
	09/20/04	428.96	NA	14.99	NA	413.97	0.00	413.97
	10/19/04	428.96	NA	17.68	NA	411.28	0.00	411.28
	11/17/04	428.96	NA	14.26	NA	414.70	0.00	414.70
	12/07/04	428.96	NA	10.34	NA	418.62	0.00	418.62
HMW-07[4]	01/27/04	429.12	NA	24.76	NA	404.36	0.00	404.36
	02/17/04	429.12	NA	24.94	NA	404.18	0.00	404.18
	03/15/04	429.12	NA	24.68	NA	404.44	0.00	404.44
	04/20/04	429.12	NA	24.49	NA	404.63	0.00	404.63
	05/27/04	429.12	NA	24.01	NA	405.11	0.00	405.11
	06/03/04	429.12	NA	23.53	NA	405.59	0.00	405.59
	06/10/04	429.12	NA	23.18	NA	405.94	0.00	405.94
	06/17/04	429.12	NA	22.70	NA	406.42	0.00	406.42
	06/23/04	429.12	NA	22.26	NA	406.86	0.00	406.86
	06/30/04	429.12	NA	22.31	NA	406.81	0.00	406.81
	07/08/04	429.12	NA	22.40	NA	406.72	0.00	406.72
	07/14/04	429.12	NA	22.60	NA	406.52	0.00	406.52
	07/20/04	429.12	NA	23.07	NA	406.05	0.00	406.05
	07/28/04	429.12	NA	23.63	NA	405.49	0.00	405.49
	08/03/04	429.12	NA	23.51	NA	405.61	0.00	405.61
	08/11/04	429.12	NA	23.79	NA	405.33	0.00	405.33
	08/19/04	429.12	NA	24.07	NA	405.05	0.00	405.05
	08/25/04	429.12	24.21	24.22	404.91	404.90	0.01	404.91
	09/03/04	429.12	NA	24.18	NA	404.94	0.00	404.94
	09/20/04	429.12	NA	24.49	NA	404.63	0.00	404.63
	10/20/04	429.12	NA	24.77	NA	404.35	0.00	404.35
	11/17/04	429.12	NA	24.81	NA	404.31	0.00	404.31
	12/07/04	429.12	NA	24.28	NA	404.84	0.00	404.84

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HMW-08[4]	01/27/04	429.74	32.85	34.15	396.89	395.59	1.30	396.59
	02/19/04	429.74	33.21	35.71	396.53	394.03	2.50	395.96
	03/15/04	429.74	31.12	32.72	398.62	397.02	1.60	398.25
	04/20/04	429.74	30.43	32.86	399.31	396.88	2.43	398.75
	05/27/04	429.74	29.61	31.73	400.13	398.01	2.12	399.64
	06/03/04	429.74	28.02	30.13	401.72	399.61	2.11	401.23
	06/10/04	429.74	26.90	29.00	402.84	400.74	2.10	402.36
	06/17/04	429.74	26.72	28.80	403.02	400.94	2.08	402.54
	06/23/04	429.74	26.07	28.14	403.67	401.60	2.07	403.19
	06/30/04	429.74	25.98	28.01	403.76	401.73	2.03	403.29
	07/08/04	429.74	27.19	29.25	402.55	400.49	2.06	402.08
	07/14/04	429.74	26.76	32.55	402.98	397.19	5.79	401.65
	07/20/04	429.74	27.05	32.64	402.69	397.10	5.59	401.40
	07/28/04	429.74	27.98	32.66	401.76	397.08	4.68	400.68
	08/03/04	429.74	28.25	32.75	401.49	396.99	4.50	400.46
	08/11/04	429.74	28.77	32.67	400.97	397.07	3.90	400.07
	08/19/04	429.74	29.80	32.95	399.94	396.79	3.15	399.22
	08/25/04	429.74	30.17	32.96	399.57	396.78	2.79	398.93
	09/03/04	429.74	28.82	31.78	400.92	397.96	2.96	400.24
	09/20/04	429.74	30.54	33.05	399.20	396.69	2.51	398.62
	10/20/04	429.74	32.44	33.51	397.30	396.23	1.07	397.05
	11/17/04	429.74	31.01	32.50	398.73	397.24	1.49	398.39
	12/07/04	429.74	30.24	32.18	399.50	397.56	1.94	399.05
HMW-09	01/27/04	430.23	--	NA	DRY	--	0.00	--
	02/17/04	430.23	--	--	--	--	0.00	--
	03/15/04	430.23	NA	NA	DRY	--	0.00	--
	04/20/04	430.23	NA	NA	DRY	--	0.00	--
	05/27/04	430.23	NA	23.18	NA	407.05	0.00	407.05
	06/03/04	430.23	NA	23.19	NA	407.04	0.00	407.04
	06/10/04	430.23	NA	23.18	NA	407.05	0.00	407.05
	06/17/04	430.23	NA	23.17	NA	407.06	0.00	407.06
	06/23/04	430.23	NA	23.18	NA	407.05	0.00	407.05
	06/30/04	430.23	NA	23.18	NA	407.05	0.00	407.05
	07/09/04	430.23	NA	NA	DRY	--	0.00	--

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HMW-09	07/14/04	430.23	NA	23.19	NA	407.04	0.00	407.04
	07/20/04	430.23	NA	23.18	NA	407.05	0.00	407.05
	07/28/04	430.23	NA	NA	DRY	--	0.00	--
	08/03/04	430.23	NA	NA	DRY	--	0.00	--
	08/11/04	430.23	NA	NA	DRY	--	0.00	--
	08/19/04	430.23	NA	NA	DRY	--	0.00	--
	08/25/04	430.23	NA	23.16	NA	407.07	0.00	407.07
	09/03/04	430.23	NA	NA	DRY	--	0.00	--
	09/20/04	430.23	NA	NA	DRY	--	0.00	--
	10/21/04	430.23	NA	23.17	NA	407.06	0.00	407.06
	11/17/04	430.23	NA	NA	DRY	--	0.00	--
	12/07/04	430.23	NA	23.18	NA	407.05	0.00	407.05
HMW-10	01/27/04	430.20	32.57	34.17	397.63	396.03	1.60	397.26
	02/17/04	430.20	33.13	35.26	397.07	394.94	2.13	396.58
	03/15/04	430.20	31.52	32.10	398.68	398.10	0.58	398.55
	04/20/04	430.20	30.47	31.76	399.73	398.44	1.29	399.43
	05/27/04	430.20	30.09	30.79	400.11	399.41	0.70	399.95
	06/03/04	430.20	28.27	31.13	401.93	399.07	2.86	401.27
	06/10/04	430.20	26.73	31.07	403.47	399.13	4.34	402.47
	06/17/04	430.20	26.58	31.03	403.62	399.17	4.45	402.60
	06/23/04	430.20	25.63	31.02	404.57	399.18	5.39	403.33
	06/30/04	430.20	25.42	31.03	404.78	399.17	5.61	403.49
	07/08/04	430.20	26.77	31.85	403.43	398.35	5.08	402.26
	07/14/04	430.20	27.18	31.16	403.02	399.04	3.98	402.10
	07/20/04	430.20	27.53	30.86	402.67	399.34	3.33	401.90
	07/28/04	430.20	28.39	31.06	401.81	399.14	2.67	401.20
	08/03/04	430.20	28.72	31.01	401.48	399.19	2.29	400.95
	08/11/04	430.20	29.08	31.13	401.12	399.07	2.05	400.65
	08/19/04	430.20	29.97	31.39	400.23	398.81	1.42	399.90
	08/25/04	430.20	30.34	31.55	399.86	398.65	1.21	399.58
	09/03/04	430.20	29.14	30.90	401.06	399.30	1.76	400.66
	09/20/04	430.20	30.67	31.86	399.53	398.34	1.19	399.26
	10/21/04	430.20	31.46	33.06	398.74	397.14	1.60	398.37
	11/17/04	430.20	31.11	31.84	399.09	398.36	0.73	398.92

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
HMW-10	12/07/04	430.20	30.73	31.29	399.47	398.91	0.56	399.34
HMW-13	01/27/04	430.81	NA	18.67	NA	412.14	0.00	412.14
	02/17/04	430.81	--	--	--	--	--	--
	03/15/04	430.81	NA	18.71	NA	412.10	0.00	412.10
	04/20/04	430.81	NA	18.70	NA	412.11	0.00	412.11
	05/27/04	431.81	NA	18.67	NA	413.14	0.00	413.14
	06/03/04	431.81	NA	18.67	NA	413.14	0.00	413.14
	06/10/04	431.81	NA	18.67	NA	413.14	0.00	413.14
	06/17/04	431.81	NA	18.71	NA	413.10	0.00	413.10
	06/23/04	431.81	NA	18.71	NA	413.10	0.00	413.10
	06/30/04	431.81	NA	18.72	NA	413.09	0.00	413.09
	07/08/04	431.81	NA	18.69	NA	413.12	0.00	413.12
	07/14/04	431.81	NA	18.68	NA	413.13	0.00	413.13
	07/20/04	431.81	NA	18.69	NA	413.12	0.00	413.12
	07/28/04	431.81	NA	18.68	NA	413.13	0.00	413.13
	08/03/04	431.81	NA	18.70	NA	413.11	0.00	413.11
	08/11/04	431.81	NA	18.67	NA	413.14	0.00	413.14
	08/19/04	431.81	NA	18.67	NA	413.14	0.00	413.14
	08/27/04	431.81	NA	18.69	NA	413.12	0.00	413.12
	09/03/04	431.81	NA	DRY	DRY	DRY	DRY	DRY
	09/21/04	431.81	NA	18.68	NA	413.13	0.00	413.13
	10/20/04	431.81	NA	18.68	NA	413.13	0.00	413.13
	11/17/04	431.81	NA	18.70	NA	413.11	0.00	413.11
	12/07/04	431.81	NA	18.71	NA	413.10	0.00	413.10
HMW-14	01/27/04	430.86	33.63	34.96	397.23	395.90	1.33	396.92
	02/17/04	430.86	--	--	--	--	--	--
	03/15/04	430.86	32.18	32.42	398.68	398.44	0.24	398.62
	04/20/04	430.86	31.43	32.44	399.43	398.42	1.01	399.20
	05/27/04	430.86	NA	30.89	NA	399.97	0.00	399.97
	06/03/04	430.86	29.04	30.09	401.82	400.77	1.05	401.58
	06/10/04	430.86	28.18	28.20	402.68	402.66	0.02	402.68
	06/17/04	430.86	27.86	28.47	403.00	402.39	0.61	402.86
	06/23/04	430.86	26.84	28.68	404.02	402.18	1.84	403.60

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-14	06/30/04	430.86	26.75	28.58	404.11	402.28	1.83	403.69
	07/08/04	430.86	27.91	29.50	402.95	401.36	1.59	402.58
	07/14/04	430.86	28.35	29.79	402.51	401.07	1.44	402.18
	07/20/04	430.86	28.66	30.18	402.20	400.68	1.52	401.85
	07/28/04	430.86	29.58	30.44	401.28	400.42	0.86	401.08
	08/03/04	430.86	29.78	30.77	401.08	400.09	0.99	400.85
	08/11/04	430.86	30.10	31.14	400.76	399.72	1.04	400.52
	08/19/04	430.86	30.88	32.01	399.98	398.85	1.13	399.72
	08/27/04	430.86	31.29	31.71	399.57	399.15	0.42	399.47
	09/03/04	430.86	30.21	30.37	400.65	400.49	0.16	400.61
	09/21/04	430.86	31.82	32.25	399.04	398.61	0.43	398.94
	10/20/04	430.86	NA	32.57	NA	398.29	0.00	398.29
	11/17/04	430.86	32.01	32.45	398.85	398.41	0.44	398.75
	12/07/04	430.86	31.53	31.85	399.33	399.01	0.32	399.26
HMW-18	01/27/04	431.58	34.55	36.12	397.03	395.46	1.57	396.67
	02/17/04	431.58	--	--	--	--	--	--
	03/15/04	431.58	33.11	34.04	398.47	397.54	0.93	398.26
	04/21/04	431.58	32.61	33.06	398.97	398.52	0.45	398.87
	05/27/04	431.58	31.73	32.56	399.85	399.02	0.83	399.66
	06/03/04	431.58	29.88	30.94	401.70	400.64	1.06	401.46
	06/10/04	431.58	28.33	30.30	403.25	401.28	1.97	402.80
	06/17/04	431.58	27.97	30.46	403.61	401.12	2.49	403.04
	06/23/04	431.58	27.00	29.58	404.58	402.00	2.58	403.99
	06/30/04	431.58	26.89	30.24	404.69	401.34	3.35	403.92
	07/09/04	431.58	28.34	31.54	403.24	400.04	3.20	402.50
	07/14/04	431.58	28.75	31.44	402.83	400.14	2.69	402.21
	07/20/04	431.58	29.13	31.65	402.45	399.93	2.52	401.87
	07/28/04	431.58	29.98	31.84	401.60	399.74	1.86	401.17
	08/03/04	431.58	30.36	32.17	401.22	399.41	1.81	400.80
	08/11/04	431.58	30.70	32.44	400.88	399.14	1.74	400.48
	08/19/04	431.58	31.59	33.00	399.99	398.58	1.41	399.67
	08/26/04	431.58	31.98	33.01	399.60	398.57	1.03	399.36
	09/03/04	431.58	30.88	31.89	400.70	399.69	1.01	400.47
	09/21/04	431.58	32.57	33.17	399.01	398.41	0.60	398.87

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness[1] (ft)	Piezometric Surface Elevation[1] (ft)
HMW-18	10/19/04	431.58	33.35	34.01	398.23	397.57	0.66	398.08
	11/17/04	431.58	32.87	33.34	398.71	398.24	0.47	398.60
	12/07/04	431.58	32.27	33.00	399.31	398.58	0.73	399.14
HMW-19	01/27/04	431.80	34.90	35.72	396.90	396.08	0.82	396.71
	02/17/04	431.80	--	--	--	--	--	--
	03/15/04	431.80	33.08	33.09	398.72	398.71	0.01	398.72
	04/21/04	431.80	32.29	33.29	399.51	398.51	1.00	399.28
	05/27/04	431.80	31.72	32.13	400.08	399.67	0.41	399.99
	06/03/04	431.80	30.31	32.45	401.49	399.35	2.14	401.00
	06/10/04	431.80	27.99	30.87	403.81	400.93	2.88	403.15
	06/17/04	431.80	28.10	29.41	403.70	402.39	1.31	403.40
	06/23/04	431.80	27.59	28.08	404.21	403.72	0.49	404.10
	06/30/04	431.80	27.49	28.09	404.31	403.71	0.60	404.17
	07/09/04	431.80	28.12	31.32	403.68	400.48	3.20	402.94
	07/14/04	431.80	28.58	31.30	403.22	400.50	2.72	402.59
	07/20/04	431.80	29.03	31.33	402.77	400.47	2.30	402.24
	07/28/04	431.80	29.98	31.38	401.82	400.42	1.40	401.50
	08/03/04	431.80	30.44	31.49	401.36	400.31	1.05	401.12
	08/11/04	431.80	30.83	31.58	400.97	400.22	0.75	400.80
	08/19/04	431.80	31.75	32.09	400.05	399.71	0.34	399.97
	08/26/04	431.80	32.14	32.44	399.66	399.36	0.30	399.59
	09/03/04	431.80	30.80	31.58	401.00	400.22	0.78	400.82
	09/21/04	431.80	32.49	33.09	399.31	398.71	0.60	399.17
	10/19/04	431.80	33.08	34.43	398.72	397.37	1.35	398.41
	11/17/04	431.80	32.77	33.33	399.03	398.47	0.56	398.90
	12/07/04	431.80	32.22	32.70	399.58	399.10	0.48	399.47
HMW-20	01/27/04	430.65	32.91	33.86	397.74	396.79	0.95	397.52
	02/17/04	430.65	--	--	--	--	--	--
	03/15/04	430.65	31.24	32.88	399.41	397.77	1.64	399.03
	04/21/04	430.65	30.00	33.31	400.65	397.34	3.31	399.89
	05/27/04	430.65	29.53	32.75	401.12	397.90	3.22	400.38
	06/03/04	430.65	27.51	32.97	403.14	397.68	5.46	401.88
	06/10/04	430.65	26.42	32.91	404.23	397.74	6.49	402.74

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-20	06/17/04	430.65	26.24	32.87	404.41	397.78	6.63	402.89
	06/23/04	430.65	25.21	31.91	405.44	398.74	6.70	403.90
	06/30/04	430.65	24.91	32.75	405.74	397.90	7.84	403.94
	07/08/04	430.65	25.93	32.73	404.72	397.92	6.80	403.16
	07/14/04	430.65	26.50	32.70	404.15	397.95	6.20	402.72
	07/20/04	430.65	26.87	32.67	403.78	397.98	5.80	402.45
	07/28/04	430.65	27.75	32.60	402.90	398.05	4.85	401.78
	08/03/04	430.65	27.99	32.67	402.66	397.98	4.68	401.58
	08/11/04	430.65	28.45	32.65	402.20	398.00	4.20	401.23
	08/19/04	430.65	29.36	32.66	401.29	397.99	3.30	400.53
	08/25/04	430.65	29.68	32.65	400.97	398.00	2.97	400.29
	09/03/04	430.65	28.82	32.53	401.83	398.12	3.71	400.98
	09/21/04	430.65	30.44	32.60	400.21	398.05	2.16	399.71
	10/20/04	430.65	31.51	32.68	399.14	397.97	1.17	398.87
	11/17/04	430.65	30.85	32.80	399.80	397.85	1.95	399.35
	12/08/04	430.65	30.70	32.69	399.95	397.96	1.99	399.49
HMW-21[4]	01/27/04	430.05	NA	21.93	NA	408.12	0.00	408.12
	02/17/04	430.05	NA	22.06	NA	407.99	0.00	407.99
	03/15/04	430.05	NA	21.70	NA	408.35	0.00	408.35
	04/20/04	430.05	NA	21.42	NA	408.63	0.00	408.63
	05/27/04	430.05	NA	20.35	NA	409.70	0.00	409.70
	06/03/04	430.05	NA	19.76	NA	410.29	0.00	410.29
	06/10/04	430.05	NA	19.81	NA	410.24	0.00	410.24
	06/17/04	430.05	NA	19.66	NA	410.39	0.00	410.39
	06/23/04	430.05	NA	18.68	NA	411.37	0.00	411.37
	06/30/04	430.05	NA	19.15	NA	410.90	0.00	410.90
	07/09/04	430.05	NA	18.90	NA	411.15	0.00	411.15
	07/14/04	430.05	NA	19.38	NA	410.67	0.00	410.67
	07/20/04	430.05	NA	19.74	NA	410.31	0.00	410.31
	07/28/04	430.05	NA	20.19	NA	409.86	0.00	409.86
	08/03/04	430.05	NA	19.75	NA	410.30	0.00	410.30
	08/11/04	430.05	NA	20.24	NA	409.81	0.00	409.81
	08/19/04	430.05	NA	20.59	NA	409.46	0.00	409.46
	08/27/04	430.05	NA	20.78	NA	409.27	0.00	409.27

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-21[4]	09/03/04	430.05	NA	20.87	NA	409.18	0.00	409.18
	09/21/04	430.05	NA	21.41	NA	408.64	0.00	408.64
	10/21/04	430.05	NA	22.19	NA	407.86	0.00	407.86
	11/17/04	430.05	NA	22.10	NA	407.95	0.00	407.95
	12/07/04	430.05	NA	21.35	NA	408.70	0.00	408.70
HMW-22[4]	01/27/04	430.15	33.20	35.00	396.95	395.15	1.80	396.54
	02/17/04	430.15	33.70	36.42	396.45	393.73	2.72	395.82
	03/15/04	430.15	31.59	32.74	398.56	397.41	1.15	398.30
	04/20/04	430.15	31.25	31.42	398.90	398.73	0.17	398.86
	05/27/04	430.15	29.88	32.51	400.27	397.64	2.63	399.67
	06/03/04	430.15	27.90	32.41	402.25	397.74	4.51	401.21
	06/10/04	430.15	26.43	32.39	403.72	397.76	5.96	402.35
	06/17/04	430.15	26.39	32.71	403.76	397.44	6.32	402.31
	06/23/04	430.15	25.44	32.05	404.71	398.10	6.61	403.19
	06/30/04	430.15	25.31	32.01	404.84	398.14	6.70	403.30
	**07/09/04	430.15	28.10	28.15	402.05	402.00	0.05	402.04
	07/14/04	430.15	27.24	32.55	402.91	397.60	5.31	401.69
	07/20/04	430.15	28.38	29.56	401.77	400.59	1.18	401.50
	07/28/04	430.15	28.59	32.16	401.56	397.99	3.57	400.74
	08/03/04	430.15	28.64	32.56	401.51	397.59	3.92	400.61
	08/11/04	430.15	29.91	30.14	400.24	400.01	0.23	400.19
	08/19/04	430.15	30.86	30.87	399.29	399.28	0.01	399.29
	08/27/04	430.15	30.50	32.59	399.65	397.56	2.09	399.17
	09/03/04	430.15	29.00	32.23	401.15	397.92	3.23	400.41
	09/21/04	430.15	NA	31.57	NA	398.58	0.00	398.58
	10/21/04	430.15	32.01	33.23	398.14	396.92	1.22	397.86
	11/17/04	430.15	31.58	32.05	398.57	398.10	0.47	398.46
	12/07/04	430.15	30.74	31.52	399.41	398.63	0.78	399.23
HMW-25	01/27/04	427.45	NA	29.96	NA	397.49	0.00	397.49
	02/17/04	427.45	--	--	--	--	--	--
	03/15/04	427.45	NA	27.31	NA	400.14	0.00	400.14
	04/21/04	427.45	NA	27.34	NA	400.11	0.00	400.11
	05/27/04	427.45	NA	25.93	NA	401.52	0.00	401.52

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-25	06/03/04	427.45	NA	23.70	NA	403.75	0.00	403.75
	06/10/04	427.45	NA	22.52	NA	404.93	0.00	404.93
	06/17/04	427.45	NA	22.26	NA	405.19	0.00	405.19
	06/23/04	427.45	NA	21.41	NA	406.04	0.00	406.04
	06/30/04	427.45	NA	21.51	NA	405.94	0.00	405.94
	07/09/04	427.45	NA	23.03	NA	404.42	0.00	404.42
	07/14/04	427.45	NA	23.62	NA	403.83	0.00	403.83
	07/20/04	427.45	NA	24.00	NA	403.45	0.00	403.45
	07/28/04	427.45	NA	24.96	NA	402.49	0.00	402.49
	08/03/04	427.45	NA	25.47	NA	401.98	0.00	401.98
	08/11/04	427.45	NA	25.90	NA	401.55	0.00	401.55
	08/17/04	427.45	NA	26.65	NA	400.80	0.00	400.80
	08/26/04	427.45	NA	27.33	NA	400.12	0.00	400.12
	09/03/04	427.45	NA	25.60	NA	401.85	0.00	401.85
	09/21/04	427.45	NA	27.77	NA	399.68	0.00	399.68
	10/18/04	427.45	NA	28.56	NA	398.89	0.00	398.89
	11/16/04	427.45	NA	27.77	NA	399.68	0.00	399.68
	12/06/04	427.45	NA	27.04	NA	400.41	0.00	400.41
HMW-26	01/27/04	425.20	NA	27.15	NA	398.05	0.00	398.05
	02/17/04	425.20	--	--	--	--	--	--
	03/15/04	425.20	NA	26.03	NA	399.17	0.00	399.17
	04/21/04	425.20	NA	24.64	NA	400.56	0.00	400.56
	05/27/04	425.20	NA	24.31	NA	400.89	0.00	400.89
	06/03/04	425.20	NA	23.13	NA	402.07	0.00	402.07
	06/10/04	425.20	NA	21.87	NA	403.33	0.00	403.33
	06/17/04	425.20	NA	21.33	NA	403.87	0.00	403.87
	06/23/04	425.20	NA	20.61	NA	404.59	0.00	404.59
	06/30/04	425.20	NA	20.24	NA	404.96	0.00	404.96
	07/09/04	425.20	NA	20.79	NA	404.41	0.00	404.41
	** 7/14/04	425.20	NA	24.15	NA	401.05	0.00	401.05
	07/20/04	425.20	NA	21.41	NA	403.79	0.00	403.79
	07/28/04	425.20	NA	22.05	NA	403.15	0.00	403.15
	08/03/04	425.20	NA	22.45	NA	402.75	0.00	402.75
	08/11/04	425.20	NA	22.90	NA	402.30	0.00	402.30

APPENDIX A-1
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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-26	08/17/04	425.20	NA	25.29	NA	399.91	0.00	399.91
	08/26/04	425.20	NA	24.06	NA	401.14	0.00	401.14
	09/03/04	425.20	NA	23.45	NA	401.75	0.00	401.75
	09/21/04	425.20	NA	24.59	NA	400.61	0.00	400.61
	10/18/04	425.20	NA	25.47	NA	399.73	0.00	399.73
	11/16/04	425.20	NA	25.12	NA	400.08	0.00	400.08
	12/06/04	425.20	NA	24.78	NA	400.42	0.00	400.42
HMW-27[5]	01/27/04	430.75	NA	32.21	NA	398.54	0.00	398.54
	02/17/04	430.75	--	--	--	--	--	--
	03/15/04	430.75	NA	31.38	NA	399.37	0.00	399.37
	04/22/04	430.75	NA	29.90	NA	400.85	0.00	400.85
	05/27/04	430.75	NA	29.57	NA	401.18	0.00	401.18
	06/03/04	430.75	NA	28.71	NA	402.04	0.00	402.04
	06/10/04	430.75	NA	27.76	NA	402.99	0.00	402.99
	06/17/04	430.75	NA	27.04	NA	403.71	0.00	403.71
	06/23/04	430.75	NA	26.21	NA	404.54	0.00	404.54
	06/30/04	430.75	NA	25.64	NA	405.11	0.00	405.11
	07/09/04	430.75	NA	25.99	NA	404.76	0.00	404.76
	07/14/04	430.75	NA	26.37	NA	404.38	0.00	404.38
	07/20/04	430.75	NA	26.73	NA	404.02	0.00	404.02
	07/28/04	430.75	NA	27.26	NA	403.49	0.00	403.49
	08/03/04	430.75	NA	27.65	NA	403.10	0.00	403.10
	08/11/04	430.75	NA	28.10	NA	402.65	0.00	402.65
	08/17/04	430.75	NA	28.40	NA	402.35	0.00	402.35
	08/25/04	430.75	NA	29.09	NA	401.66	0.00	401.66
	09/03/04	430.75	NA	28.92	NA	401.83	0.00	401.83
	09/21/04	430.75	NA	29.74	NA	401.01	0.00	401.01
	10/19/04	430.75	NA	30.75	NA	400.00	0.00	400.00
	**11/17/2004	430.75	NA	28.51	NA	402.24	0.00	402.24
	12/06/04	430.75	--	--	--	--	--	--
HMW-28	01/27/04	430.97	NA	32.05	NA	398.92	0.00	398.92
	02/17/04	430.97	--	--	--	--	--	--
	03/15/04	430.97	NA	30.58	NA	400.39	0.00	400.39

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-28	04/21/04	430.97	NA	29.69	NA	401.28	0.00	401.28
	05/27/04	430.97	NA	29.31	NA	401.66	0.00	401.66
	06/03/04	430.97	NA	28.86	NA	402.11	0.00	402.11
	06/10/04	430.97	NA	26.77	NA	404.20	0.00	404.20
	06/17/04	430.97	NA	26.35	NA	404.62	0.00	404.62
	06/23/04	430.97	NA	25.60	NA	405.37	0.00	405.37
	06/30/04	430.97	NA	25.28	NA	405.69	0.00	405.69
	07/08/04	430.97	NA	25.91	NA	405.06	0.00	405.06
	07/14/04	430.97	NA	26.42	NA	404.55	0.00	404.55
	07/20/04	430.97	NA	26.72	NA	404.25	0.00	404.25
	07/28/04	430.97	NA	27.39	NA	403.58	0.00	403.58
	08/03/04	430.97	NA	27.81	NA	403.16	0.00	403.16
	08/11/04	430.97	NA	28.24	NA	402.73	0.00	402.73
	08/17/04	430.97	NA	28.68	NA	402.29	0.00	402.29
	08/26/04	430.97	NA	29.46	NA	401.51	0.00	401.51
	09/03/04	430.97	NA	28.69	NA	402.28	0.00	402.28
	09/21/04	430.97	NA	29.93	NA	401.04	0.00	401.04
	10/18/04	430.97	NA	30.74	NA	400.23	0.00	400.23
	11/16/04	430.97	NA	30.36	NA	400.61	0.00	400.61
	12/06/04	430.97	NA	29.90	NA	401.07	0.00	401.07
HMW-29	01/27/04	429.99	NA	30.64	NA	399.35	0.00	399.35
	02/17/04	429.99	--	--	--	--	--	--
	03/15/04	429.99	NA	30.12	NA	399.87	0.00	399.87
	04/21/04	429.99	NA	28.70	NA	401.29	0.00	401.29
	05/27/04	429.99	NA	28.34	NA	401.65	0.00	401.65
	06/03/04	429.99	NA	27.93	NA	402.06	0.00	402.06
	06/10/04	429.99	NA	26.75	NA	403.24	0.00	403.24
	06/17/04	429.99	NA	26.22	NA	403.77	0.00	403.77
	06/23/04	429.99	NA	25.46	NA	404.53	0.00	404.53
	06/30/04	429.99	NA	24.88	NA	405.11	0.00	405.11
	07/08/04	429.99	NA	25.15	NA	404.84	0.00	404.84
	07/14/04	429.99	NA	25.54	NA	404.45	0.00	404.45
	07/20/04	429.99	NA	25.73	NA	404.26	0.00	404.26
	07/28/04	429.99	NA	26.25	NA	403.74	0.00	403.74

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The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-29	08/03/04	429.99	NA	26.54	NA	403.45	0.00	403.45
	08/11/04	429.99	NA	26.93	NA	403.06	0.00	403.06
	08/17/04	429.99	NA	27.11	NA	402.88	0.00	402.88
	08/26/04	429.99	NA	27.83	NA	402.16	0.00	402.16
	09/03/04	429.99	NA	27.61	NA	402.38	0.00	402.38
	09/21/04	429.99	NA	28.30	NA	401.69	0.00	401.69
	10/18/04	429.99	NA	28.97	NA	401.02	0.00	401.02
	11/16/04	429.99	NA	29.13	NA	400.86	0.00	400.86
	12/06/04	429.99	NA	28.89	NA	401.10	0.00	401.10
HMW-30[4]	04/20/04	430.07	NA	31.29	NA	398.78	0.00	398.78
	05/27/04	430.07	NA	30.39	NA	399.68	0.00	399.68
	06/03/04	430.07	NA	28.84	NA	401.23	0.00	401.23
	06/10/04	430.07	NA	27.72	NA	402.35	0.00	402.35
	06/17/04	430.07	NA	27.52	NA	402.55	0.00	402.55
	06/23/04	430.07	NA	27.87	NA	402.20	0.00	402.20
	06/30/04	430.07	NA	26.76	NA	403.31	0.00	403.31
	07/08/04	430.07	NA	27.95	NA	402.12	0.00	402.12
	07/14/04	430.07	NA	28.38	NA	401.69	0.00	401.69
	07/20/04	430.07	NA	28.63	NA	401.44	0.00	401.44
	07/28/04	430.07	NA	29.35	NA	400.72	0.00	400.72
	08/03/04	430.07	NA	29.56	NA	400.51	0.00	400.51
	08/11/04	430.07	NA	29.92	NA	400.15	0.00	400.15
	08/19/04	430.07	NA	30.80	NA	399.27	0.00	399.27
	08/27/04	430.07	30.92	30.98	399.15	399.09	0.06	399.14
	09/02/04	430.07	29.66	29.67	400.41	400.40	0.01	400.41
	09/21/04	430.07	31.48	31.55	398.59	398.52	0.07	398.57
	10/21/04	430.07	32.17	32.45	397.90	397.62	0.28	397.84
	11/17/04	430.07	31.61	31.70	398.46	398.37	0.09	398.44
	12/07/04	430.07	31.06	31.12	399.01	398.95	0.06	399.00
HMW-31[4]	04/20/04	430.09	NA	31.27	NA	398.82	0.00	398.82
	05/27/04	430.09	NA	30.42	NA	399.67	0.00	399.67
	06/03/04	430.09	NA	28.88	NA	401.21	0.00	401.21
	06/10/04	430.09	NA	27.77	NA	402.32	0.00	402.32

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
HMW-31[4]	06/17/04	430.09	NA	27.57	NA	402.52	0.00	402.52
	06/23/04	430.09	NA	26.92	NA	403.17	0.00	403.17
	06/30/04	430.09	NA	26.86	NA	403.23	0.00	403.23
	07/08/04	430.09	NA	27.98	NA	402.11	0.00	402.11
	07/14/04	430.09	NA	28.41	NA	401.68	0.00	401.68
	07/20/04	430.09	NA	28.66	NA	401.43	0.00	401.43
	07/28/04	430.09	NA	29.38	NA	400.71	0.00	400.71
	08/03/04	430.09	NA	29.58	NA	400.51	0.00	400.51
	08/11/04	430.09	NA	29.94	NA	400.15	0.00	400.15
	08/19/04	430.09	NA	30.83	NA	399.26	0.00	399.26
	08/27/04	430.09	NA	30.95	NA	399.14	0.00	399.14
	09/02/04	430.09	NA	29.70	NA	400.39	0.00	400.39
	09/21/04	430.09	NA	31.53	NA	398.56	0.00	398.56
	10/21/04	430.09	NA	32.27	NA	397.82	0.00	397.82
	11/17/04	430.09	NA	31.66	NA	398.43	0.00	398.43
	12/07/04	430.09	NA	31.11	NA	398.98	0.00	398.98
HMW-32[4]	04/20/04	430.01	NA	31.11	NA	398.90	0.00	398.90
	05/27/04	430.01	NA	29.70	NA	400.31	0.00	400.31
	06/03/04	430.01	NA	28.09	NA	401.92	0.00	401.92
	06/10/04	430.01	NA	26.82	NA	403.19	0.00	403.19
	06/17/04	430.01	NA	25.73	NA	404.28	0.00	404.28
	06/23/04	430.01	NA	25.09	NA	404.92	0.00	404.92
	06/30/04	430.01	NA	25.10	NA	404.91	0.00	404.91
	07/08/04	430.01	NA	26.06	NA	403.95	0.00	403.95
	07/14/04	430.01	NA	27.38	NA	402.63	0.00	402.63
	07/20/04	430.01	NA	27.50	NA	402.51	0.00	402.51
	07/28/04	430.01	NA	28.39	NA	401.62	0.00	401.62
	08/03/04	430.01	NA	29.55	NA	400.46	0.00	400.46
	08/11/04	430.01	NA	29.09	NA	400.92	0.00	400.92
	08/19/04	430.01	NA	30.10	NA	399.91	0.00	399.91
	08/27/04	430.01	NA	30.26	NA	399.75	0.00	399.75
	09/02/04	430.01	NA	28.91	NA	401.10	0.00	401.10
	09/21/04	430.01	NA	30.95	NA	399.06	0.00	399.06
	10/21/04	430.01	NA	32.98	NA	397.03	0.00	397.03

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-32[4]	11/17/04	430.01	NA	31.40	NA	398.61	0.00	398.61
	12/07/04	430.01	NA	30.82	NA	399.19	0.00	399.19
HMW-33[4]	04/20/04	430.13	NA	31.27	NA	398.86	0.00	398.86
	05/27/04	430.13	30.02	31.99	400.11	398.14	1.97	399.66
	06/03/04	430.13	28.05	31.94	402.08	398.19	3.89	401.19
	06/10/04	430.13	26.57	32.24	403.56	397.89	5.67	402.26
	06/17/04	430.13	26.26	32.30	403.87	397.83	6.04	402.48
	06/23/04	430.13	25.42	32.40	404.71	397.73	6.98	403.10
	06/30/04	430.13	25.24	32.49	404.89	397.64	7.25	403.22
	07/08/04	430.13	26.61	29.11	403.52	401.02	2.50	402.95
	07/14/04	430.13	28.49	28.79	401.64	401.34	0.30	401.57
	07/20/04	430.13	28.47	28.94	401.66	401.19	0.47	401.55
	07/28/04	430.13	29.18	30.09	400.95	400.04	0.91	400.74
	08/03/04	430.13	28.81	32.19	401.32	397.94	3.38	400.54
	08/11/04	430.13	29.15	32.88	400.98	397.25	3.73	400.12
	08/19/04	430.13	30.18	33.09	399.95	397.04	2.91	399.28
	08/27/04	430.13	30.59	32.35	399.54	397.78	1.76	399.14
	09/02/04	430.13	29.65	30.18	400.48	399.95	0.53	400.36
	09/21/04	430.13	31.25	32.52	398.88	397.61	1.27	398.59
	10/21/04	430.13	31.92	33.54	398.21	396.59	1.62	397.84
	11/17/04	430.13	31.60	32.25	398.53	397.88	0.65	398.38
	12/07/04	430.13	30.95	31.73	399.18	398.40	0.78	399.00
HMW-34	06/18/04	--	26.18	29.69	--	--	3.51	--
	06/23/04	--	25.37	30.24	--	--	4.87	--
	06/30/04	--	25.18	30.18	--	--	5.00	--
	07/09/04	--	26.40	30.45	--	--	4.05	--
	07/14/04	--	28.82	30.77	--	--	1.95	--
	07/20/04	--	27.14	30.82	--	--	3.68	--
	07/28/04	--	28.02	30.71	--	--	2.69	--
	08/03/04	--	28.26	30.83	--	--	2.57	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	29.92	31.40	--	--	1.48	--

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HMW-34	09/02/04	--	28.78	30.48	--	--	1.70	--
	09/20/04	429.83	30.27	31.68	399.56	398.15	1.41	399.24
	10/21/04	429.83	31.17	32.56	398.66	397.27	1.39	398.34
	11/17/04	429.83	30.79	31.75	399.04	398.08	0.96	398.82
	12/07/04	429.83	30.27	31.16	399.56	398.67	0.89	399.36
HMW-35	06/18/04	--	NA	27.07	--	--	0.00	--
	06/23/04	--	NA	26.58	--	--	0.00	--
	06/30/04	--	NA	26.42	--	--	0.00	--
	07/09/04	--	NA	27.42	--	--	0.00	--
	07/14/04	--	NA	27.78	--	--	0.00	--
	07/20/04	--	NA	28.03	--	--	0.00	--
	07/28/04	--	NA	28.68	--	--	0.00	--
	08/03/04	--	NA	28.89	--	--	0.00	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	30.26	30.27	--	--	0.01	--
	09/02/04	--	NA	29.28	--	--	0.00	--
	09/20/04	429.81	30.59	30.60	399.22	399.21	0.01	399.22
	10/21/04	429.81	NA	31.50	NA	398.31	0.00	398.31
	11/17/04	429.81	NA	30.97	NA	398.84	0.00	398.84
	12/07/04	429.81	NA	30.48	NA	399.33	0.00	399.33
HMW-36	06/18/04	--	27.18	27.20	--	--	0.02	--
	06/23/04	--	NA	26.69	--	--	0.00	--
	06/30/04	--	26.10	27.82	--	--	1.72	--
	07/09/04	--	26.26	31.47	--	--	5.21	--
	07/14/04	--	26.60	31.71	--	--	5.11	--
	07/20/04	--	26.95	31.71	--	--	4.76	--
	07/28/04	--	27.80	31.65	--	--	3.85	--
	08/03/04	--	28.12	31.61	--	--	3.49	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	29.79	32.05	--	--	2.26	--
	09/03/04	--	28.99	30.20	--	--	1.21	--

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HMW-36	09/20/04	429.91	30.35	31.77	399.56	398.14	1.42	399.23
	10/21/04	429.91	31.06	32.88	398.85	397.03	1.82	398.43
	11/17/04	429.91	30.88	31.64	399.03	398.27	0.76	398.86
	12/07/04	429.91	30.47	30.93	399.44	398.98	0.46	399.33
HMW-37	06/18/04	--	26.86	26.90	--	--	0.04	--
	06/23/04	--	26.35	26.42	--	--	0.07	--
	06/30/04	--	26.03	26.74	--	--	0.71	--
	07/09/04	--	26.89	28.26	--	--	1.37	--
	07/14/04	--	27.13	28.78	--	--	1.65	--
	07/20/04	--	27.33	28.58	--	--	1.25	--
	07/28/04	--	27.86	30.13	--	--	2.27	--
	08/03/04	--	28.06	30.41	--	--	2.35	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	29.50	31.52	--	--	2.02	--
	09/03/04	--	28.43	30.50	--	--	2.07	--
	09/20/04	429.61	29.88	31.72	399.73	397.89	1.84	399.31
	10/21/04	429.61	30.87	32.45	398.74	397.16	1.58	398.38
	11/17/04	429.61	30.29	31.96	399.32	397.65	1.67	398.94
	12/07/04	429.61	29.50	31.90	400.11	397.71	2.40	399.56
HMW-38 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.06	NA	DRY	NA	--	0.00	--
	10/19/04	430.06	NA	DRY	NA	--	0.00	--
	11/16/04	430.06	NA	DRY	NA	--	0.00	--
	12/06/04	430.06	NA	DRY	NA	--	0.00	--
HMW-38 B	09/01/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.24	NA	25.19	NA	405.05	0.00	405.05
	10/19/04	430.24	NA	25.19	NA	405.05	0.00	405.05
	11/16/04	430.24	NA	25.18	NA	405.06	0.00	405.06
	12/06/04	430.24	NA	25.20	NA	405.04	0.00	405.04

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-38 C	08/27/04	--	NA	31.65	--	--	0.00	--
	09/01/04	--	NA	29.68	--	--	0.00	--
	09/20/04	430.01	NA	32.37	NA	397.64	0.00	397.64
	10/19/04	430.01	NA	33.07	NA	396.94	0.00	396.94
	11/16/04	430.01	NA	32.34	NA	397.67	0.00	397.67
	12/06/04	430.01	NA	--	NA	--	0.00	--
HMW-39 A	09/01/04	--	NA	DRY	--	--	0.00	--
	09/21/04	426.46	NA	DRY	NA	--	0.00	--
	10/18/04	426.46	NA	DRY	NA	--	0.00	--
	11/17/04	426.46	NA	20.23	NA	406.23	0.00	406.23
	12/08/04	426.46	NA	17.75	NA	408.71	0.00	408.71
HMW-39 B	09/02/04	--	--	--	--	--	--	--
	09/21/04	426.50	NA	23.80	NA	402.70	0.00	402.70
	10/18/04	426.50	NA	23.09	NA	403.41	0.00	403.41
	11/16/04	426.50	NA	22.30	NA	404.20	0.00	404.20
	12/08/04	426.50	NA	18.24	NA	408.26	0.00	408.26
HMW-39 C	09/01/04	--	NA	25.74	--	--	0.00	--
	09/21/04	426.46	NA	28.50	NA	397.96	0.00	397.96
	10/18/04	426.46	NA	29.25	NA	397.21	0.00	397.21
	11/16/04	426.46	NA	28.15	NA	398.31	0.00	398.31
	12/08/04	426.46	NA	27.32	NA	399.14	0.00	399.14
HMW-40 A	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	425.01	NA	DRY	NA	--	0.00	--
	10/19/04	425.01	NA	DRY	NA	--	0.00	--
	11/16/04	425.01	NA	DRY	NA	--	0.00	--
	12/06/04	425.01	NA	DRY	NA	--	0.00	--
HMW-40 B	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	424.86	NA	24.29	NA	400.57	0.00	400.57
	10/19/04	424.86	NA	24.29	NA	400.57	0.00	400.57
	11/16/04	424.86	NA	24.29	NA	400.57	0.00	400.57

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Village of Hartford, Illinois

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
HMW-40 B	12/06/04	424.86	NA	25.31	NA	399.55	0.00	399.55
HMW-40 C	09/01/04	--	NA	23.85	--	--	0.00	--
	09/21/04	424.75	NA	26.31	NA	398.44	0.00	398.44
	10/19/04	424.75	NA	27.06	NA	397.69	0.00	397.69
	11/16/04	424.75	NA	26.36	NA	398.39	0.00	398.39
	12/06/04	424.75	NA	25.67	NA	399.08	0.00	399.08
HMW-41 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	425.42	NA	DRY	NA	--	0.00	--
	10/19/04	425.42	NA	DRY	NA	--	0.00	--
	11/16/04	425.42	NA	DRY	NA	--	0.00	--
	12/07/04	425.42	NA	DRY	NA	--	0.00	--
HMW-41 B	09/01/04	--	NA	24.14	--	--	0.00	--
	09/21/04	425.91	NA	25.41	NA	400.50	0.00	400.50
	10/19/04	425.91	NA	26.45	NA	399.46	0.00	399.46
	11/16/04	425.91	NA	26.01	NA	399.90	0.00	399.90
	12/07/04	425.91	NA	25.72	NA	400.19	0.00	400.19
HMW-41 C	09/01/04	--	NA	24.63	--	--	0.00	--
	09/21/04	426.75	NA	26.03	NA	400.72	0.00	400.72
	10/19/04	426.75	NA	26.95	NA	399.80	0.00	399.80
	11/16/04	426.75	NA	26.39	NA	400.36	0.00	400.36
	12/07/04	426.75	NA	25.97	NA	400.78	0.00	400.78
HMW-42 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	431.39	NA	DRY	NA	--	0.00	--
	10/19/04	431.39	NA	DRY	NA	--	0.00	--
	11/16/04	431.39	NA	DRY	NA	--	0.00	--
	12/07/04	431.39	NA	DRY	NA	--	0.00	--
HMW-42 B	09/01/04	--	NA	29.93	--	--	0.00	--
	09/21/04	431.46	NA	30.66	NA	400.80	0.00	400.80
	10/19/04	431.46	NA	31.64	NA	399.82	0.00	399.82

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The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
HMW-42 B	11/16/04	431.46	NA	31.40	NA	400.06	0.00	400.06
	12/07/04	431.46	NA	31.16	NA	400.30	0.00	400.30
HMW-43 A	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	428.73	NA	17.36	NA	411.37	0.00	411.37
	10/19/04	428.73	NA	17.38	NA	411.35	0.00	411.35
	11/16/04	428.73	NA	17.39	NA	411.34	0.00	411.34
	12/07/04	428.73	NA	17.43	NA	411.30	0.00	411.30
HMW-43 B	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	428.94	NA	22.33	NA	406.61	0.00	406.61
	10/19/04	428.94	NA	DRY	NA	--	0.00	--
	11/16/04	428.94	NA	22.35	NA	406.59	0.00	406.59
	12/07/04	428.94	NA	22.38	NA	406.56	0.00	406.56
HMW-43 C	09/01/04	--	NA	27.64	--	--	0.00	--
	09/21/04	428.80	NA	28.64	NA	400.16	0.00	400.16
	10/19/04	428.80	NA	29.56	NA	399.24	0.00	399.24
	11/16/04	428.80	NA	29.11	NA	399.69	0.00	399.69
	12/07/04	428.80	NA	28.74	NA	400.06	0.00	400.06
HMW-44 A	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.50	NA	DRY	NA	--	0.00	--
	10/20/04	429.50	NA	16.07	NA	413.43	0.00	413.43
	11/16/04	429.50	NA	DRY	NA	--	0.00	--
	12/07/04	429.50	NA	16.10	NA	413.40	0.00	413.40
HMW-44 B	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.46	NA	DRY	NA	--	0.00	--
	10/20/04	429.46	NA	DRY	NA	--	0.00	--
	11/16/04	429.46	NA	DRY	NA	--	0.00	--
	12/07/04	429.46	NA	DRY	NA	--	0.00	--
HMW-44 C	09/01/04	--	27.71	31.25	--	--	3.54	--
	09/21/04	429.44	29.04	31.74	400.40	397.70	2.70	399.78

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The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-44 C	10/20/04	429.44	29.99	32.14	399.45	397.30	2.15	398.96
	11/16/04	429.44	29.48	31.71	399.96	397.73	2.23	399.45
	12/07/04	429.44	29.10	31.74	400.34	397.70	2.64	399.73
HMW-45 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/20/04	431.17	NA	DRY	NA	--	0.00	--
	10/19/04	431.17	NA	DRY	NA	--	0.00	--
	11/16/04	431.17	NA	DRY	NA	--	0.00	--
	12/06/04	431.17	NA	DRY	NA	--	0.00	--
HMW-45 B	09/01/04	--	NA	DRY	--	--	0.00	--
	09/20/04	431.22	NA	27.23	NA	403.99	0.00	403.99
	10/19/04	431.22	NA	27.35	NA	403.87	0.00	403.87
	11/16/04	431.22	NA	27.49	NA	403.73	0.00	403.73
	12/06/04	431.22	NA	27.18	NA	404.04	0.00	404.04
HMW-45 C	09/01/04	--	NA	30.03	--	--	0.00	--
	09/20/04	430.87	32.77	32.80	398.10	398.07	0.03	398.09
	10/19/04	430.87	NA	33.53	NA	397.34	0.00	397.34
	11/16/04	430.87	NA	32.81	NA	398.06	0.00	398.06
	12/06/04	430.87	NA	32.16	NA	398.71	0.00	398.71
HWM-46 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.51	NA	DRY	NA	--	0.00	--
	10/19/04	430.51	NA	DRY	NA	--	0.00	--
	11/16/04	430.51	NA	DRY	NA	--	0.00	--
	12/06/04	430.51	NA	DRY	NA	--	0.00	--
HMW-46 B	09/01/00	--	NA	DRY	--	--	0.00	--
	09/20/04	430.61	NA	24.38	NA	406.23	0.00	406.23
	10/19/04	430.61	NA	24.26	NA	406.35	0.00	406.35
	11/16/04	430.61	NA	24.41	NA	406.20	0.00	406.20
	12/06/04	430.61	NA	24.47	NA	406.14	0.00	406.14

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-46 C	09/01/00	--	NA	30.16	--	--	0.00	--
	09/20/04	430.49	31.65	32.88	398.84	397.61	1.23	398.56
	10/19/04	430.49	33.39	33.47	397.10	397.02	0.08	397.08
	11/16/04	430.49	NA	32.69	NA	397.80	0.00	397.80
	12/06/04	430.49	32.00	32.18	398.49	398.31	0.18	398.45
HMW-47 A	09/01/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.50	NA	19.29	NA	411.21	0.00	411.21
	10/19/04	430.50	NA	19.30	NA	411.20	0.00	411.20
	11/16/04	430.50	NA	19.30	NA	411.20	0.00	411.20
	12/06/04	430.50	NA	19.47	NA	411.03	0.00	411.03
HMW-47 B	09/01/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.13	NA	21.51	NA	408.62	0.00	408.62
	10/19/04	430.13	NA	21.21	NA	408.92	0.00	408.92
	11/16/04	430.13	NA	20.91	NA	409.22	0.00	409.22
	12/06/04	430.13	NA	20.66	NA	409.47	0.00	409.47
HMW-47 C	09/01/04	--	--	--	--	--	--	--
	09/20/04	430.61	NA	32.60	NA	398.01	0.00	398.01
	10/19/04	430.61	33.35	33.37	397.26	397.24	0.02	397.26
	11/16/04	430.61	NA	32.65	NA	397.96	0.00	397.96
	12/06/04	430.61	NA	31.99	NA	398.62	0.00	398.62
HMW-48 A	09/02/04	--	NA	12.40	--	--	0.00	--
	09/20/04	429.16	NA	13.84	NA	415.32	0.00	415.32
	10/19/04	429.16	NA	13.87	NA	415.29	0.00	415.29
	11/16/04	429.16	NA	13.87	NA	415.29	0.00	415.29
	12/06/04	429.16	NA	11.32	NA	417.84	0.00	417.84
HMW-48 B	09/02/04	--	--	--	--	--	--	--
	09/20/04	429.18	14.68	14.77	414.50	414.41	0.09	414.48
	10/19/04	429.18	18.09	18.11	411.09	411.07	0.02	411.09
	**11/16/2004	429.18	16.43	16.44	412.75	412.74	0.01	412.75

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Village of Hartford, Illinois

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-48 B	12/06/04	429.18	NA	11.30	NA	417.88	0.00	417.88
HMW-48 C	09/01/04	--	--	--	--	--	--	--
	09/20/04	429.10	27.54	31.36	401.56	397.74	3.82	400.68
	**10/19/2004	429.10	28.57	32.87	400.53	396.23	4.30	399.54
	11/16/04	429.10	27.68	31.93	401.42	397.17	4.25	400.44
	12/06/04	429.10	26.15	32.20	402.95	396.90	6.05	401.56
HMW-48 D	09/01/04	--	--	--	--	--	--	--
	09/20/04	428.98	NA	30.53	NA	398.45	0.00	398.45
	10/19/04	428.98	NA	31.29	NA	397.69	0.00	397.69
	11/16/04	428.98	NA	30.67	NA	398.31	0.00	398.31
	12/06/04	428.98	NA	30.11	NA	398.87	0.00	398.87
HMW-49 A	08/30/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.21	NA	12.95	NA	417.26	0.00	417.26
	10/19/04	430.21	NA	12.57	NA	417.64	0.00	417.64
	11/16/04	430.21	NA	12.81	NA	417.40	0.00	417.40
	12/06/04	430.21	NA	12.83	NA	417.38	0.00	417.38
HMW-49 B	09/02/04	--	--	--	--	--	--	--
	09/20/04	430.23	NA	23.35	NA	406.88	0.00	406.88
	10/19/04	430.23	NA	23.35	NA	406.88	0.00	406.88
	11/16/04	430.23	NA	22.92	NA	407.31	0.00	407.31
	12/06/04	430.23	NA	21.87	NA	408.36	0.00	408.36
HMW-49 C	09/01/00	--	NA	30.81	--	--	0.00	--
	09/20/04	430.21	NA	31.21	NA	399.00	0.00	399.00
	10/19/04	430.21	NA	31.86	NA	398.35	0.00	398.35
	11/16/04	430.21	NA	30.91	NA	399.30	0.00	399.30
	12/06/04	430.21	NA	30.98	NA	399.23	0.00	399.23
HMW-49 D	09/01/04	--	--	--	--	--	--	--
	09/20/04	430.33	NA	32.73	NA	397.60	0.00	397.60
	10/19/04	430.33	NA	33.41	NA	396.92	0.00	396.92

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-49 D	11/16/04	430.33	NA	32.72	NA	397.61	0.00	397.61
	12/06/04	430.33	NA	31.97	NA	398.36	0.00	398.36
HMW-50 A	09/02/04	--	--	--	--	--	--	--
	09/22/04	434.41	NA	17.45	NA	416.96	0.00	416.96
	10/19/04	434.41	NA	18.34	NA	416.07	0.00	416.07
	11/16/04	434.41	NA	15.77	NA	418.64	0.00	418.64
	12/06/04	434.41	NA	12.19	NA	422.22	0.00	422.22
HMW-50 B	09/02/04	--	--	--	--	--	--	--
	09/22/04	434.15	NA	31.66	NA	402.49	0.00	402.49
	10/19/04	434.15	NA	32.58	NA	401.57	0.00	401.57
	11/16/04	434.15	NA	31.64	NA	402.51	0.00	402.51
	12/06/04	434.15	NA	29.75	NA	404.40	0.00	404.40
HMW-50 C	09/01/00	--	NA	33.84	--	--	0.00	--
	09/22/04	434.29	NA	35.31	NA	398.98	0.00	398.98
	10/19/04	434.29	NA	35.98	NA	398.31	0.00	398.31
	11/16/04	434.29	NA	35.48	NA	398.81	0.00	398.81
	12/06/04	434.29	NA	32.07	NA	402.22	0.00	402.22
HMW-51 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	425.46	NA	DRY	NA	--	0.00	--
	10/19/04	425.46	NA	DRY	NA	--	0.00	--
	11/16/04	425.46	NA	DRY	NA	--	0.00	--
	12/06/04	425.46	NA	DRY	NA	--	0.00	--
HMW-51 B	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	425.51	NA	24.72	NA	400.79	0.00	400.79
	10/19/04	425.51	NA	24.74	NA	400.77	0.00	400.77
	11/16/04	425.51	NA	24.79	NA	400.72	0.00	400.72
	12/06/04	425.51	NA	24.81	NA	400.70	0.00	400.70
HMW-51 C	09/01/00	--	NA	24.36	--	--	0.00	--
	09/21/04	425.42	NA	26.53	NA	398.89	0.00	398.89

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-51 C	10/19/04	425.42	NA	27.34	NA	398.08	0.00	398.08
	11/16/04	425.42	NA	26.66	NA	398.76	0.00	398.76
	12/06/04	425.42	NA	26.02	NA	399.40	0.00	399.40
HMW-52 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	427.80	NA	20.07	NA	407.73	0.00	407.73
	10/19/04	427.80	NA	20.07	NA	407.73	0.00	407.73
	11/16/04	427.80	NA	20.07	NA	407.73	0.00	407.73
	12/06/04	427.80	NA	20.10	NA	407.70	0.00	407.70
HMW-52 B	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	427.81	NA	26.66	NA	401.15	0.00	401.15
	10/19/04	427.81	NA	26.68	NA	401.13	0.00	401.13
	11/16/04	427.81	NA	26.67	NA	401.14	0.00	401.14
	12/06/04	427.81	NA	DRY	NA	--	0.00	--
HMW-52 C	09/01/00	--	--	--	--	--	--	--
	09/21/04	427.83	NA	27.24	NA	400.59	0.00	400.59
	**10/19/2004	427.83	NA	26.48	NA	401.35	0.00	401.35
	11/16/04	427.83	NA	28.04	NA	399.79	0.00	399.79
	12/06/04	427.83	NA	27.60	NA	400.23	0.00	400.23
RW-1	01/27/04	433.78	NA	36.18	NA	397.60	0.00	397.60
	02/17/04	433.78	--	--	--	--	--	--
	03/15/04	433.78	NA	34.72	NA	399.06	0.00	399.06
	04/21/04	433.78	NA	33.93	NA	399.85	0.00	399.85
	05/27/04	433.78	NA	33.14	NA	400.64	0.00	400.64
	06/03/04	433.78	NA	31.73	NA	402.05	0.00	402.05
	06/10/04	433.78	NA	30.56	NA	403.22	0.00	403.22
	06/17/04	433.78	--	--	--	--	--	--
	06/23/04	433.78	--	--	--	--	--	--
	06/24/04	433.78	NA	29.41	NA	404.37	0.00	404.37
	06/30/04	433.78	NA	29.30	NA	404.48	0.00	404.48
	07/09/04	433.78	NA	30.38	NA	403.40	0.00	403.40

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RW-1	07/14/04	433.78	NA	30.75	NA	403.03	0.00	403.03
	07/20/04	433.78	NA	31.07	NA	402.71	0.00	402.71
	07/28/04	433.78	NA	31.80	NA	401.98	0.00	401.98
	08/03/04	433.78	NA	32.15	NA	401.63	0.00	401.63
	08/11/04	433.78	NA	32.49	NA	401.29	0.00	401.29
	08/19/04	433.78	NA	33.24	NA	400.54	0.00	400.54
	08/27/04	433.78	NA	33.68	NA	400.10	0.00	400.10
	09/02/04	433.78	NA	32.60	NA	401.18	0.00	401.18
	09/21/04	433.78	NA	34.16	NA	399.62	0.00	399.62
	10/20/04	433.78	--	--	--	--	--	--
	11/17/04	433.78	NA	34.45	NA	399.33	0.00	399.33
	12/08/04	433.78	NA	33.84	NA	399.94	0.00	399.94
RW-2	01/27/04	431.99	34.39	35.95	397.60	396.04	1.56	397.24
	02/17/04	431.99	35.12	36.61	396.87	395.38	1.49	396.53
	03/15/04	431.99	33.37	33.50	398.62	398.49	0.13	398.59
	04/20/04	431.99	32.28	33.68	399.71	398.31	1.40	399.39
	05/27/04	431.99	31.80	32.79	400.19	399.20	0.99	399.96
	06/03/04	431.99	30.27	32.16	401.72	399.83	1.89	401.29
	06/10/04	431.99	28.90	31.74	403.09	400.25	2.84	402.44
	06/17/04	431.99	28.59	31.94	403.40	400.05	3.35	402.63
	06/23/04	431.99	27.64	32.16	404.35	399.83	4.52	403.31
	06/30/04	431.99	27.45	32.14	404.54	399.85	4.69	403.46
	07/09/04	431.99	28.60	32.80	403.39	399.19	4.20	402.42
	07/14/04	431.99	29.06	32.78	402.93	399.21	3.72	402.07
	07/20/04	431.99	29.39	32.74	402.60	399.25	3.35	401.83
	07/28/04	431.99	30.30	32.77	401.69	399.22	2.47	401.12
	08/03/04	431.99	30.53	32.88	401.46	399.11	2.35	400.92
	08/11/04	431.99	30.86	32.90	401.13	399.09	2.04	400.66
	08/19/04	431.99	31.68	33.41	400.31	398.58	1.73	399.91
	08/25/04	431.99	32.04	33.61	399.95	398.38	1.57	399.59
	09/02/04	431.99	31.02	32.35	400.97	399.64	1.33	400.66
	09/20/04	431.99	32.44	33.90	399.55	398.09	1.46	399.21

APPENDIX A-1
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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RW-2	10/21/04	431.99	31.89	31.94	400.10	400.05	0.05	400.09
	11/17/04	431.99	33.01	33.46	398.98	398.53	0.45	398.88
	12/07/04	431.99	32.47	32.81	399.52	399.18	0.34	399.44
RW-3[4]	01/27/04	433.35	36.46	38.30	396.89	395.05	1.84	396.47
	02/17/04	433.35	37.16	39.03	396.19	394.32	1.87	395.76
	03/15/04	433.35	35.06	35.22	398.29	398.13	0.16	398.25
	04/20/04	433.35	34.34	35.48	399.01	397.87	1.14	398.75
	05/27/04	433.35	NA	29.72	NA	403.63	0.00	403.63
	06/03/04	433.35	NA	32.19	NA	401.16	0.00	401.16
	06/10/04	433.35	32.00	33.01	401.35	400.34	1.01	401.12
	06/17/04	433.35	30.83	30.95	402.52	402.40	0.12	402.49
	06/23/04	433.35	30.18	30.24	403.17	403.11	0.06	403.16
	06/30/04	433.35	30.07	30.14	403.28	403.21	0.07	403.26
	07/08/04	433.35	31.38	31.44	401.97	401.91	0.06	401.96
	07/14/04	433.35	31.69	31.77	401.66	401.58	0.08	401.64
	07/20/04	433.35	31.94	32.03	401.41	401.32	0.09	401.39
	07/28/04	433.35	32.63	32.80	400.72	400.55	0.17	400.68
	08/03/04	433.35	32.86	33.06	400.49	400.29	0.20	400.44
	08/11/04	433.35	33.21	33.47	400.14	399.88	0.26	400.08
	08/19/04	433.35	34.08	34.35	399.27	399.00	0.27	399.21
	08/27/04	433.35	34.20	34.46	399.15	398.89	0.26	399.09
	09/02/04	433.35	32.89	33.35	400.46	400.00	0.46	400.35
	09/21/04	433.35	34.74	35.13	398.61	398.22	0.39	398.52
	10/22/04	433.35	35.39	35.93	397.96	397.42	0.54	397.84
	11/17/04	433.35	34.79	35.49	398.56	397.86	0.70	398.40
	12/07/04	433.35	34.21	35.07	399.14	398.28	0.86	398.94
RW-4[4]	01/27/04	429.65	--	--	--	--	--	--
	02/17/04	429.65	--	--	--	--	--	--
	03/15/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RW-4[4]	05/27/04	429.65	NA	29.93	NA	399.72	0.00	399.72
	06/03/04	429.65	NA	28.31	NA	401.34	0.00	401.34
	06/10/04	429.65	NA	27.24	NA	402.41	0.00	402.41
	06/17/04	429.65	NA	27.06	NA	402.59	0.00	402.59
	06/23/04	429.65	NA	26.32	NA	403.33	0.00	403.33
	06/30/04	429.65	NA	26.22	NA	403.43	0.00	403.43
	07/08/04	429.65	NA	27.53	NA	402.12	0.00	402.12
	07/14/04	429.65	NA	27.79	NA	401.86	0.00	401.86
	07/20/04	429.65	NA	28.12	NA	401.53	0.00	401.53
	07/28/04	429.65	NA	28.85	NA	400.80	0.00	400.80
	08/03/04	429.65	NA	29.11	NA	400.54	0.00	400.54
	08/11/04	429.65	NA	29.39	NA	400.26	0.00	400.26
	08/19/04	429.65	30.28	30.29	399.37	399.36	0.01	399.37
	08/25/04	429.65	NA	30.44	NA	399.21	0.00	399.21
	09/02/04	429.65	NA	29.38	NA	400.27	0.00	400.27
	09/21/04	429.65	NA	30.94	NA	398.71	0.00	398.71
	10/21/04	429.65	NA	31.76	NA	397.89	0.00	397.89
	11/17/04	429.65	NA	31.20	NA	398.45	0.00	398.45
	12/07/04	429.65	NA	30.54	NA	399.11	0.00	399.11
RW-4A*	01/27/04	--	--	--	--	--	--	--
	02/17/04	--	--	--	--	--	--	--
	03/15/04	--	--	--	--	--	--	--
	04/20/04	--	--	--	--	--	--	--
	05/27/04	--	--	--	--	--	--	--
	06/23/04	--	NA	27.42	--	--	0.00	--
	06/30/04	--	26.43	26.88	--	--	0.45	--
	07/08/04	--	26.40	32.75	--	--	6.35	--
	07/14/04	--	26.76	32.84	--	--	6.08	--
	07/20/04	--	27.12	32.83	--	--	5.71	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RW-4A*	08/19/04	--	--	--	--	--	--	--
	08/27/04	--	--	--	--	--	--	--
	09/02/04	--	--	--	--	--	--	--
	09/21/04	--	--	--	--	--	--	--
	10/21/04	--	31.70	33.01	--	--	1.31	--
	11/17/04	--	--	--	--	--	--	--
	12/07/04	--	--	--	--	--	--	--
RW-5	01/27/04	--	--	--	--	--	--	--
	02/17/04	--	--	--	--	--	--	--
	03/15/04	--	--	--	--	--	--	--
	04/20/04	--	--	--	--	--	--	--
	05/27/04	--	--	--	--	--	--	--
	06/18/04	--	26.68	29.72	--	--	3.04	--
	06/23/04	--	26.23	29.16	--	--	2.93	--
	06/30/04	--	26.23	28.90	--	--	2.67	--
	07/09/04	--	26.23	30.15	--	--	3.92	--
	07/14/04	--	26.23	29.30	--	--	3.07	--
	07/20/04	--	26.23	29.08	--	--	2.85	--
	07/28/04	--	26.23	29.99	--	--	3.76	--
	08/03/04	--	26.23	29.53	--	--	3.30	--
	08/11/04	--	26.23	30.00	--	--	3.77	--
	08/19/04	--	30.14	31.00	--	--	0.86	--
	08/25/04	--	30.45	31.41	--	--	0.96	--
	09/02/04	--	--	--	--	--	--	--
	09/21/04	430.22	--	--	--	--	--	--
	10/21/04	430.22	33.30	34.83	396.92	395.39	1.53	396.57
	11/17/04	430.22	31.11	32.07	399.11	398.15	0.96	398.89
	12/07/04	430.22	30.61	31.62	399.61	398.60	1.01	399.38
MP-5S	01/27/04	429.83	NA	9.26	NA	420.57	0.00	420.57
	02/17/04	429.83	--	--	--	--	--	--
	03/15/04	429.83	NA	DRY	--	--	0.00	--

APPENDIX A-1
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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-5S	04/20/04	429.83	NA	DRY	--	--	0.00	--
	05/27/04	429.83	--	--	--	--	--	--
	06/03/04	429.83	--	--	--	--	--	--
	06/10/04	429.83	--	--	--	--	--	--
	06/23/04	429.83	--	--	--	--	--	--
	06/30/04	429.83	--	--	--	--	--	--
	07/08/04	429.83	NA	DRY	--	--	0.00	--
	07/14/04	429.83	--	--	--	--	--	--
	07/20/04	429.83	--	--	--	--	--	--
	07/28/04	429.83	--	--	--	--	--	--
	08/03/04	429.83	--	--	--	--	--	--
	08/11/04	429.83	--	--	--	--	--	--
	08/19/04	429.83	--	--	--	--	--	--
	08/25/04	429.83	--	--	--	--	--	--
	09/02/04	429.83	--	--	--	--	--	--
	10/21/04	429.83	--	--	--	--	--	--
	11/15/04	429.83	--	--	--	--	--	--
	12/06/04	429.83	--	--	--	--	--	--
MP-5D	01/27/04	430.09	NA	21.33	NA	408.76	0.00	408.76
	02/17/04	430.09	--	--	--	--	--	--
	03/15/04	430.09	NA	20.63	NA	409.46	0.00	409.46
	04/20/04	430.09	NA	20.38	NA	409.71	0.00	409.71
	05/27/04	430.09	--	--	--	--	--	--
	06/03/04	430.09	--	--	--	--	--	--
	06/10/04	430.09	--	--	--	--	--	--
	06/17/04	430.09	--	--	--	--	--	--
	06/23/04	430.09	--	--	--	--	--	--
	06/30/04	430.09	--	--	--	--	--	--
	07/08/04	430.09	--	--	--	--	--	--
	07/14/04	430.09	--	--	--	--	--	--
	07/20/04	430.09	--	--	--	--	--	--
	07/28/04	430.09	--	--	--	--	--	--

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Village of Hartford, Illinois

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-5D	08/03/04	430.09	--	--	--	--	--	--
	08/11/04	430.09	--	--	--	--	--	--
	08/19/04	430.09	--	--	--	--	--	--
	08/25/04	430.09	--	--	--	--	--	--
	09/02/04	430.09	--	--	--	--	--	--
	10/21/04	430.09	--	--	--	--	--	--
	11/15/04	430.09	--	--	--	--	--	--
	12/06/04	430.09	--	--	--	--	--	--
MP-6S	01/27/04	430.15	NA	DRY	--	--	0.00	--
	02/17/04	430.15	NA	DRY	--	--	0.00	--
	03/15/04	430.15	NA	DRY	--	--	0.00	--
	04/20/04	430.15	NA	DRY	--	--	0.00	--
	05/27/04	430.15	--	--	--	--	--	--
	06/03/04	430.15	--	--	--	--	--	--
	06/10/04	430.15	--	--	--	--	--	--
	06/23/04	430.15	--	--	--	--	--	--
	06/30/04	430.15	--	--	--	--	--	--
	07/08/04	430.15	--	--	--	--	--	--
	07/14/04	430.15	--	--	--	--	--	--
	07/20/04	430.15	--	--	--	--	--	--
	07/28/04	430.15	--	--	--	--	--	--
	08/03/04	430.15	--	--	--	--	--	--
	08/11/04	430.15	--	--	--	--	--	--
	08/19/04	430.15	--	--	--	--	--	--
	08/25/04	430.15	--	--	--	--	--	--
	09/02/04	430.15	--	--	--	--	--	--
	10/21/04	430.15	--	--	--	--	--	--
	11/15/04	430.15	--	--	--	--	--	--
	12/06/04	430.15	--	--	--	--	--	--
MP-6D	01/27/04	430.13	NA	21.31	NA	408.82	0.00	408.82
	02/17/04	430.13	--	--	--	--	--	--

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Village of Hartford, Illinois

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-6D	03/15/04	430.13	NA	20.70	NA	409.43	0.00	409.43
	04/20/04	430.13	NA	20.40	NA	409.73	0.00	409.73
	05/27/04	430.13	--	--	--	--	--	--
	06/03/04	430.13	--	--	--	--	--	--
	06/10/04	430.13	--	--	--	--	--	--
	06/17/04	430.13	--	--	--	--	--	--
	06/23/04	430.13	--	--	--	--	--	--
	06/30/04	430.13	--	--	--	--	--	--
	07/08/04	430.13	--	--	--	--	--	--
	07/14/04	430.13	--	--	--	--	--	--
	07/20/04	430.13	--	--	--	--	--	--
	07/28/04	430.13	--	--	--	--	--	--
	08/03/04	430.13	--	--	--	--	--	--
	08/11/04	430.13	--	--	--	--	--	--
	08/19/04	430.13	--	--	--	--	--	--
	08/25/04	430.13	--	--	--	--	--	--
	09/02/04	430.13	--	--	--	--	--	--
	10/21/04	430.13	--	--	--	--	--	--
	11/15/04	430.13	--	--	--	--	--	--
	12/06/04	430.13	--	--	--	--	--	--
MP-7S	01/27/04	430.17	NA	7.21	NA	422.96	0.00	422.96
	02/17/04	430.17	--	--	--	--	--	--
	03/15/04	430.17	--	NA	DRY	--	0.00	--
	04/20/04	430.17	NA	5.41	NA	424.76	0.00	424.76
	05/27/04	430.17	--	--	--	--	--	--
	06/03/04	430.17	--	--	--	--	--	--
	06/10/04	430.17	--	--	--	--	--	--
	06/17/04	430.17	--	--	--	--	--	--
	06/23/04	430.17	--	--	--	--	--	--
	06/30/04	430.17	--	--	--	--	--	--
	07/08/04	430.17	--	--	--	--	--	--
	07/14/04	430.17	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-7S	07/20/04	430.17	--	--	--	--	--	--
	07/28/04	430.17	--	--	--	--	--	--
	08/03/04	430.17	--	--	--	--	--	--
	08/11/04	430.17	--	--	--	--	--	--
	08/19/04	430.17	--	--	--	--	--	--
	08/25/04	430.17	--	--	--	--	--	--
	09/02/04	430.17	--	--	--	--	--	--
	10/21/04	430.17	--	--	--	--	--	--
	11/15/04	430.17	--	--	--	--	--	--
	12/06/04	430.17	--	--	--	--	--	--
MP-7D	01/27/04	430.16	NA	21.38	NA	408.78	0.00	408.78
	02/17/04	430.16	--	--	--	--	--	--
	03/15/04	430.16	NA	20.78	NA	409.38	0.00	409.38
	04/20/04	430.16	NA	20.64	NA	409.52	0.00	409.52
	05/27/04	430.16	--	--	--	--	--	--
	06/03/04	430.16	--	--	--	--	--	--
	06/10/04	430.16	--	--	--	--	--	--
	06/17/04	430.16	--	--	--	--	--	--
	06/23/04	430.16	--	--	--	--	--	--
	06/30/04	430.16	--	--	--	--	--	--
	07/08/04	430.16	--	--	--	--	--	--
	07/14/04	430.16	--	--	--	--	--	--
	07/20/04	430.16	--	--	--	--	--	--
	07/28/04	430.16	--	--	--	--	--	--
	08/03/04	430.16	--	--	--	--	--	--
	08/11/04	430.16	--	--	--	--	--	--
	08/19/04	430.16	--	--	--	--	--	--
	08/25/04	430.16	--	--	--	--	--	--
	09/02/04	430.16	--	--	--	--	--	--
	10/21/04	430.16	--	--	--	--	--	--
	11/15/04	430.16	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-7D	12/06/04	430.16	--	--	--	--	--	--
MP-8S	01/27/04	430.20	NA	DRY	--	--	0.00	--
	02/17/04	430.20	NA	DRY	--	--	0.00	--
	03/15/04	430.20	NA	DRY	--	--	0.00	--
	04/20/04	430.20	NA	DRY	--	--	0.00	--
	05/27/04	430.20	--	--	--	--	--	--
	06/03/04	430.20	--	--	--	--	--	--
	06/10/04	430.20	--	--	--	--	--	--
	06/17/04	430.20	--	--	--	--	--	--
	06/23/04	430.20	--	--	--	--	--	--
	06/30/04	430.20	--	--	--	--	--	--
	07/08/04	430.20	--	--	--	--	--	--
	07/14/04	430.20	--	--	--	--	--	--
	07/20/04	430.20	--	--	--	--	--	--
	07/28/04	430.20	--	--	--	--	--	--
	08/03/04	430.20	--	--	--	--	--	--
	08/11/04	430.20	--	--	--	--	--	--
	08/19/04	430.20	--	--	--	--	--	--
	08/25/04	430.20	--	--	--	--	--	--
	09/02/04	430.20	--	--	--	--	--	--
	10/21/04	430.20	--	--	--	--	--	--
	11/15/04	430.20	--	--	--	--	--	--
	12/06/04	430.20	--	--	--	--	--	--
MP-8D	01/27/04	430.14	--	--	--	--	--	--
	02/17/04	430.14	--	--	--	--	--	--
	03/15/04	430.14	--	--	--	--	--	--
	04/21/04	430.14	21.64	21.73	408.50	408.41	0.09	408.48
	05/27/04	430.14	--	--	--	--	--	--
	06/03/04	430.14	--	--	--	--	--	--
	06/10/04	430.14	--	--	--	--	--	--
	06/17/04	430.14	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-8D	06/23/04	430.14	--	--	--	--	--	--
	06/30/04	430.14	--	--	--	--	--	--
	07/08/04	430.14	--	--	--	--	--	--
	07/14/04	430.14	19.63	19.66	410.51	410.48	0.03	410.50
	07/20/04	430.14	--	--	--	--	--	--
	07/28/04	430.14	--	--	--	--	--	--
	08/03/04	430.14	--	--	--	--	--	--
	08/11/04	430.14	--	--	--	--	--	--
	08/19/04	430.14	--	--	--	--	--	--
	08/25/04	430.14	--	--	--	--	--	--
	09/02/04	430.14	--	--	--	--	--	--
	10/21/04	430.14	--	--	--	--	--	--
	11/15/04	430.14	--	--	--	--	--	--
	12/06/04	430.14	--	--	--	--	--	--
MP-9S	01/27/04	430.05	NA	8.19	NA	421.86	0.00	421.86
	02/17/04	430.05	--	--	--	--	--	--
	03/15/04	430.05	NA	8.41	NA	421.64	0.00	421.64
	04/20/04	430.05	NA	7.76	NA	422.29	0.00	422.29
	05/27/04	430.05	--	--	--	--	--	--
	06/03/04	430.05	--	--	--	--	--	--
	06/10/04	430.05	--	--	--	--	--	--
	06/17/04	430.05	--	--	--	--	--	--
	06/23/04	430.05	--	--	--	--	--	--
	06/30/04	430.05	--	--	--	--	--	--
	07/08/04	430.05	--	--	--	--	--	--
	07/14/04	430.05	NA	4.32	NA	425.73	0.00	425.73
	07/20/04	430.05	--	--	--	--	--	--
	07/28/04	430.05	--	--	--	--	--	--
	08/03/04	430.05	--	--	--	--	--	--
	08/11/04	430.05	--	--	--	--	--	--
	08/19/04	430.05	--	--	--	--	--	--
	08/25/04	430.05	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-9S	09/02/04	430.05	--	--	--	--	--	--
	10/21/04	430.05	NA	5.89	NA	424.16	0.00	424.16
	11/15/04	430.05	--	--	--	--	--	--
	12/06/04	430.05	--	--	--	--	--	--
MP-9D	01/27/04	430.00	21.40	21.41	408.60	408.59	0.01	408.60
	02/17/04	430.00	--	--	--	--	--	--
	03/15/04	430.00	20.92	20.93	409.08	409.07	0.01	409.08
	04/21/04	430.00	20.89	20.90	409.11	409.10	0.01	409.11
	05/27/04	430.00	--	--	--	--	--	--
	06/03/04	430.00	--	--	--	--	--	--
	06/10/04	430.00	--	--	--	--	--	--
	06/17/04	430.00	--	--	--	--	--	--
	06/23/04	430.00	--	--	--	--	--	--
	06/30/04	430.00	--	--	--	--	--	--
	07/08/04	430.00	--	--	--	--	--	--
	07/14/04	430.00	18.72	19.92	411.28	410.08	1.20	411.00
	07/20/04	430.00	--	--	--	--	--	--
	07/28/04	430.00	--	--	--	--	--	--
	08/03/04	430.00	--	--	--	--	--	--
	08/11/04	430.00	--	--	--	--	--	--
	08/19/04	430.00	--	--	--	--	--	--
	08/25/04	430.00	--	--	--	--	--	--
	09/02/04	430.00	--	--	--	--	--	--
	10/21/04	430.00	22.02	23.88	407.98	406.12	1.86	407.55
	11/15/04	430.00	--	--	--	--	--	--
	12/06/04	430.00	--	--	--	--	--	--
MP-10S	01/27/04	430.53	NA	DRY	--	--	0.00	--
	02/17/04	430.53	NA	DRY	--	--	0.00	--
	03/15/04	430.53	NA	DRY	--	--	0.00	--
	04/21/04	430.53	NA	DRY	--	--	0.00	--
	05/27/04	430.53	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation' (ft)
MP-10S	06/03/04	430.53	--	--	--	--	--	--
	06/10/04	430.53	--	--	--	--	--	--
	06/17/04	430.53	--	--	--	--	--	--
	06/23/04	430.53	--	--	--	--	--	--
	06/30/04	430.53	--	--	--	--	--	--
	07/08/04	430.53	NA	DRY	--	--	0.00	--
	07/14/04	430.53	NA	DRY	--	--	0.00	--
	07/20/04	430.53	NA	DRY	--	--	0.00	--
	07/28/04	430.53	--	--	--	--	--	--
	08/03/04	430.53	--	--	--	--	--	--
	08/11/04	430.53	--	--	--	--	--	--
	08/19/04	430.53	--	--	--	--	--	--
	08/25/04	430.53	--	--	--	--	--	--
	09/02/04	430.53	--	--	--	--	--	--
	10/19/04	430.53	NA	9.90	NA	420.63	0.00	420.63
	11/15/04	430.53	--	--	--	--	--	--
	12/06/04	430.53	--	--	--	--	--	--
MP-10D	01/27/04	430.37	NA	19.70	NA	410.67	0.00	410.67
	03/15/04	430.37	NA	19.58	NA	410.79	0.00	410.79
	04/21/04	430.37	NA	19.27	NA	411.10	0.00	411.10
	05/27/04	430.37	--	--	--	--	--	--
	06/03/04	430.37	--	--	--	--	--	--
	06/10/04	430.37	--	--	--	--	--	--
	06/17/04	430.37	--	--	--	--	--	--
	06/23/04	430.37	--	--	--	--	--	--
	06/30/04	430.37	--	--	--	--	--	--
	07/08/04	430.37	--	--	--	--	--	--
	07/14/04	430.37	NA	17.62	NA	412.75	0.00	412.75
	07/20/04	430.37	--	--	--	--	--	--
	07/28/04	430.37	--	--	--	--	--	--
	08/03/04	430.37	--	--	--	--	--	--
	08/11/04	430.37	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-10D	08/19/04	430.37	--	--	--	--	--	--
	08/25/04	430.37	--	--	--	--	--	--
	09/02/04	430.37	--	--	--	--	--	--
	10/19/04	430.37	NA	21.86	NA	408.51	0.00	408.51
	11/15/04	430.37	--	--	--	--	--	--
	12/06/04	430.37	--	--	--	--	--	--
MP-11S	01/27/04	431.19	NA	DRY	--	--	0.00	--
	02/17/04	431.19	--	--	--	--	--	--
	03/15/04	431.19	NA	DRY	--	--	0.00	--
	04/21/04	431.19	NA	DRY	--	--	0.00	--
	05/27/04	431.19	--	--	--	--	--	--
	06/03/04	431.19	--	--	--	--	--	--
	06/10/04	431.19	--	--	--	--	--	--
	06/17/04	431.19	--	--	--	--	--	--
	06/23/04	431.19	--	--	--	--	--	--
	06/30/04	431.19	--	--	--	--	--	--
	07/08/04	431.19	NA	DRY	--	--	0.00	--
	07/14/04	431.19	NA	DRY	--	--	0.00	--
	07/20/04	431.19	NA	DRY	--	--	0.00	--
	07/28/04	431.19	--	--	--	--	--	--
	08/03/04	431.19	--	--	--	--	--	--
	08/11/04	431.19	--	--	--	--	--	--
	08/19/04	431.19	--	--	--	--	--	--
	08/25/04	431.19	--	--	--	--	--	--
	09/02/04	431.19	--	--	--	--	--	--
	10/19/04	431.19	--	--	--	--	--	--
	11/15/04	431.19	--	--	--	--	--	--
	12/06/04	431.19	--	--	--	--	--	--
MP-11D	01/27/04	431.19	NA	19.82	NA	411.37	0.00	411.37
	02/17/04	431.19	--	--	--	--	--	--
	03/15/04	431.19	NA	19.72	NA	411.47	0.00	411.47

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-11D	04/21/04	431.19	NA	19.62	NA	411.57	0.00	411.57
	05/27/04	431.19	--	--	--	--	--	--
	06/03/04	431.19	--	--	--	--	--	--
	06/10/04	431.19	--	--	--	--	--	--
	06/17/04	431.19	--	--	--	--	--	--
	06/23/04	431.19	--	--	--	--	--	--
	06/30/04	431.19	--	--	--	--	--	--
	07/08/04	431.19	--	--	--	--	--	--
	07/14/04	431.19	NA	17.87	NA	413.32	0.00	413.32
	07/20/04	431.19	--	--	--	--	--	--
	07/28/04	431.19	--	--	--	--	--	--
	08/03/04	431.19	--	--	--	--	--	--
	08/11/04	431.19	--	--	--	--	--	--
	08/19/04	431.19	--	--	--	--	--	--
	08/25/04	431.19	--	--	--	--	--	--
	09/02/04	431.19	--	--	--	--	--	--
	10/19/04	431.19	--	--	--	--	--	--
	11/15/04	431.19	--	--	--	--	--	--
	12/06/04	431.19	--	--	--	--	--	--
MP-12S	01/27/04	431.70	--	--	--	--	--	--
	02/17/04	431.70	--	--	--	--	--	--
	03/15/04	431.70	NA	DRY	--	--	0.00	--
	04/21/04	431.70	NA	DRY	--	--	0.00	--
	05/27/04	431.70	--	--	--	--	--	--
	06/03/04	431.70	--	--	--	--	--	--
	06/10/04	431.70	--	--	--	--	--	--
	06/17/04	431.70	--	--	--	--	--	--
	06/23/04	431.70	--	--	--	--	--	--
	06/30/04	431.70	--	--	--	--	--	--
	07/08/04	431.70	NA	DRY	--	--	0.00	--
	07/14/04	431.70	NA	DRY	--	--	0.00	--
	07/20/04	431.70	NA	DRY	--	--	0.00	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-12S	07/28/04	431.70	--	--	--	--	--	--
	08/03/04	431.70	--	--	--	--	--	--
	08/11/04	431.70	--	--	--	--	--	--
	08/19/04	431.70	--	--	--	--	--	--
	08/25/04	431.70	--	--	--	--	--	--
	09/02/04	431.70	--	--	--	--	--	--
	10/19/04	431.70	--	--	--	--	--	--
	11/15/04	431.70	--	--	--	--	--	--
	12/06/04	431.70	--	--	--	--	--	--
MP-12D	01/27/04	431.63	--	--	--	--	--	--
	03/15/04	431.63	NA	19.56	NA	412.07	0.00	412.07
	04/21/04	431.63	NA	19.50	NA	412.13	0.00	412.13
	05/27/04	431.63	--	--	--	--	--	--
	06/03/04	431.63	--	--	--	--	--	--
	06/10/04	431.63	--	--	--	--	--	--
	06/17/04	431.63	--	--	--	--	--	--
	06/23/04	431.63	--	--	--	--	--	--
	06/30/04	431.63	--	--	--	--	--	--
	07/08/04	431.63	--	--	--	--	--	--
	07/14/04	431.63	NA	17.95	NA	413.68	0.00	413.68
	07/20/04	431.63	--	--	--	--	--	--
	07/28/04	431.63	--	--	--	--	--	--
	08/03/04	431.63	--	--	--	--	--	--
	08/11/04	431.63	--	--	--	--	--	--
	08/19/04	431.63	--	--	--	--	--	--
	08/25/04	431.63	--	--	--	--	--	--
	09/02/04	431.63	--	--	--	--	--	--
	10/19/04	431.63	--	--	--	--	--	--
	11/15/04	431.63	--	--	--	--	--	--
	12/06/04	431.63	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-13S	01/27/04	429.20	NA	7.97	NA	421.23	0.00	421.23
	03/15/04	429.20	NA	DRY	--	--	0.00	--
	04/21/04	429.20	NA	8.38	NA	420.82	0.00	420.82
	05/27/04	429.20	--	--	--	--	--	--
	06/03/04	429.20	--	--	--	--	--	--
	06/10/04	429.20	--	--	--	--	--	--
	06/17/04	429.20	--	--	--	--	--	--
	06/23/04	429.20	--	--	--	--	--	--
	06/30/04	429.20	--	--	--	--	--	--
	07/08/04	429.20	--	--	--	--	--	--
	07/14/04	429.20	NA	7.84	NA	421.36	0.00	421.36
	07/20/04	429.20	--	--	--	--	--	--
	07/28/04	429.20	--	--	--	--	--	--
	08/03/04	429.20	--	--	--	--	--	--
	08/11/04	429.20	--	--	--	--	--	--
	08/19/04	429.20	--	--	--	--	--	--
	08/25/04	429.20	--	--	--	--	--	--
	09/02/04	429.20	--	--	--	--	--	--
	10/20/04	429.20	NA	9.60	NA	419.60	0.00	419.60
	11/15/04	429.20	--	--	--	--	--	--
	12/06/04	429.20	--	--	--	--	--	--
MP-13D	01/27/04	429.30	NA	DRY	--	--	0.00	--
	03/15/04	429.30	NA	DRY	--	--	0.00	--
	04/21/04	429.30	NA	DRY	--	--	0.00	--
	05/27/04	429.30	--	--	--	--	--	--
	06/03/04	429.30	--	--	--	--	--	--
	06/10/04	429.30	--	--	--	--	--	--
	06/17/04	429.30	--	--	--	--	--	--
	06/23/04	429.30	--	--	--	--	--	--
	06/30/04	429.30	--	--	--	--	--	--
	07/08/04	429.30	--	--	--	--	--	--
	07/14/04	429.30	NA	26.20	NA	403.10	0.00	403.10

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-13D	07/20/04	429.30	--	--	--	--	--	--
	07/28/04	429.30	--	--	--	--	--	--
	08/03/04	429.30	--	--	--	--	--	--
	08/11/04	429.30	--	--	--	--	--	--
	08/19/04	429.30	--	--	--	--	--	--
	08/25/04	429.30	--	--	--	--	--	--
	09/02/04	429.30	--	--	--	--	--	--
	10/20/04	429.30	NA	27.55	NA	401.75	0.00	401.75
	11/15/04	429.30	--	--	--	--	--	--
	12/06/04	429.30	--	--	--	--	--	--
MP-14S	01/27/04	429.51	--	--	--	--	--	--
	03/15/04	429.51	NA	DRY	--	--	0.00	--
	04/21/04	429.51	NA	9.04	NA	420.47	0.00	420.47
	05/27/04	429.51	--	--	--	--	--	--
	06/03/04	429.51	--	--	--	--	--	--
	06/10/04	429.51	--	--	--	--	--	--
	06/17/04	429.51	--	--	--	--	--	--
	06/23/04	429.51	--	--	--	--	--	--
	06/30/04	429.51	--	--	--	--	--	--
	07/08/04	429.51	--	--	--	--	--	--
	07/14/04	429.51	NA	8.17	NA	421.34	0.00	421.34
	07/20/04	429.51	--	--	--	--	--	--
	07/28/04	429.51	--	--	--	--	--	--
	08/03/04	429.51	--	--	--	--	--	--
	08/11/04	429.51	--	--	--	--	--	--
	08/19/04	429.51	--	--	--	--	--	--
	08/25/04	429.51	--	--	--	--	--	--
	09/02/04	429.51	--	--	--	--	--	--
	10/20/04	429.51	NA	DRY	--	--	0.00	--
	11/15/04	429.51	--	--	--	--	--	--
	12/06/04	429.51	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-14D	01/27/04	429.51	--	--	--	--	--	--
	03/15/04	429.51	NA	DRY	--	--	0.00	--
	04/21/04	429.51	NA	DRY	--	--	0.00	--
	05/27/04	429.51	--	--	--	--	--	--
	06/03/04	429.51	--	--	--	--	--	--
	06/10/04	429.51	--	--	--	--	--	--
	06/17/04	429.51	--	--	--	--	--	--
	06/23/04	429.51	--	--	--	--	--	--
	06/30/04	429.51	--	--	--	--	--	--
	07/08/04	429.51	--	--	--	--	--	--
	07/14/04	429.51	NA	DRY	--	--	0.00	--
	07/20/04	429.51	--	--	--	--	--	--
	07/28/04	429.51	--	--	--	--	--	--
	08/03/04	429.51	--	--	--	--	--	--
	08/11/04	429.51	--	--	--	--	--	--
	08/19/04	429.51	--	--	--	--	--	--
	08/25/04	429.51	--	--	--	--	--	--
	09/02/04	429.51	--	--	--	--	--	--
	10/20/04	429.51	NA	26.79	NA	402.72	0.00	402.72
	11/15/04	429.51	--	--	--	--	--	--
	12/06/04	429.51	--	--	--	--	--	--
MP-15S	01/27/04	429.63	NA	6.01	NA	423.62	0.00	423.62
	03/15/04	429.63	NA	DRY	--	--	0.00	--
	04/21/04	429.63	NA	9.04	NA	420.59	0.00	420.59
	05/27/04	429.63	--	--	--	--	--	--
	06/03/04	429.63	--	--	--	--	--	--
	06/10/04	429.63	--	--	--	--	--	--
	06/17/04	429.63	--	--	--	--	--	--
	06/23/04	429.63	--	--	--	--	--	--
	06/30/04	429.63	--	--	--	--	--	--
	07/08/04	429.63	NA	DRY	--	--	0.00	--
	07/14/04	429.63	NA	DRY	--	--	0.00	--

APPENDIX A-1
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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-15S	07/20/04	429.63	--	--	--	--	--	--
	07/28/04	429.63	--	--	--	--	--	--
	08/03/04	429.63	--	--	--	--	--	--
	08/11/04	429.63	--	--	--	--	--	--
	08/19/04	429.63	--	--	--	--	--	--
	08/25/04	429.63	--	--	--	--	--	--
	09/02/04	429.63	--	--	--	--	--	--
	10/20/04	429.63	NA	8.71	NA	420.92	0.00	420.92
	11/15/04	429.63	--	--	--	--	--	--
	12/06/04	429.63	--	--	--	--	--	--
MP-15D	01/27/04	429.58	--	--	--	--	--	--
	02/17/04	429.58	NA	DRY	--	--	0.00	--
	03/15/04	429.58	NA	DRY	--	--	0.00	--
	04/21/04	429.58	NA	DRY	--	--	0.00	--
	05/27/04	429.58	--	--	--	--	--	--
	06/03/04	429.58	--	--	--	--	--	--
	06/10/04	429.58	--	--	--	--	--	--
	06/17/04	429.58	--	--	--	--	--	--
	06/23/04	429.58	--	--	--	--	--	--
	06/30/04	429.58	--	--	--	--	--	--
	07/08/04	429.58	NA	DRY	--	--	0.00	--
	07/14/04	429.58	NA	DRY	--	--	0.00	--
	07/20/04	429.58	NA	DRY	--	--	0.00	--
	07/28/04	429.58	--	--	--	--	--	--
	08/03/04	429.58	--	--	--	--	--	--
	08/11/04	429.58	--	--	--	--	--	--
	08/19/04	429.58	--	--	--	--	--	--
	08/25/04	429.58	--	--	--	--	--	--
	09/02/04	429.58	--	--	--	--	--	--
	10/20/04	429.58	NA	26.81	NA	402.77	0.00	402.77
	11/15/04	429.58	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-15D	12/06/04	429.58	--	--	--	--	--	--
MP-16S	01/27/04	429.75	--	--	--	--	--	--
	02/17/04	429.75	--	--	--	--	--	--
	03/15/04	429.75	NA	DRY	--	--	0.00	--
	04/21/04	429.75	NA	DRY	--	--	0.00	--
	05/27/04	429.75	--	--	--	--	--	--
	06/03/04	429.75	--	--	--	--	--	--
	06/10/04	429.75	--	--	--	--	--	--
	06/17/04	429.75	--	--	--	--	--	--
	06/23/04	429.75	--	--	--	--	--	--
	06/30/04	429.75	--	--	--	--	--	--
	07/08/04	429.75	NA	DRY	--	--	0.00	--
	07/14/04	429.75	NA	DRY	--	--	0.00	--
	07/20/04	429.75	NA	DRY	--	--	0.00	--
	07/28/04	429.75	--	--	--	--	--	--
	08/03/04	429.75	--	--	--	--	--	--
	08/11/04	429.75	--	--	--	--	--	--
	008/19/04	429.75	--	--	--	--	--	--
	08/25/04	429.75	--	--	--	--	--	--
	09/02/04	429.75	--	--	--	--	--	--
	10/20/04	429.75	NA	DRY	--	--	0.00	--
	11/15/04	429.75	--	--	--	--	--	--
	12/06/04	429.75	--	--	--	--	--	--
MP-16D	01/27/04	429.77	NA	DRY	--	--	0.00	--
	02/17/04	429.77	NA	DRY	--	--	0.00	--
	03/05/04	429.77	NA	DRY	--	--	0.00	--
	04/21/04	429.77	NA	DRY	--	--	0.00	--
	05/27/04	429.77	--	--	--	--	--	--
	06/03/04	429.77	--	--	--	--	--	--
	06/10/04	429.77	--	--	--	--	--	--
	06/17/04	429.77	--	--	--	--	--	--

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-16D	06/23/04	429.77	--	--	--	--	--	--
	06/30/04	429.77	--	--	--	--	--	--
	07/08/04	429.77	NA	DRY	--	--	0.00	--
	07/14/04	429.77	NA	DRY	--	--	0.00	--
	07/20/04	429.77	NA	DRY	--	--	0.00	--
	07/28/04	429.77	--	--	--	--	--	--
	08/03/04	429.77	--	--	--	--	--	--
	08/11/04	429.77	--	--	--	--	--	--
	08/19/04	429.77	--	--	--	--	--	--
	08/25/04	429.77	--	--	--	--	--	--
	09/02/04	429.77	--	--	--	--	--	--
	10/20/04	429.77	NA	27.60	NA	402.17	0.00	402.17
	11/15/04	429.77	--	--	--	--	--	--
	12/06/04	429.77	--	--	--	--	--	--
MP-25	06/18/04	--	NA	23.25	--	--	0.00	--
	06/23/04	--	NA	25.78	--	--	0.00	--
	06/30/04	--	NA	25.97	--	--	0.00	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	NA	26.48	--	--	0.00	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	--	--	--	--	--	--
	09/02/04	429.71	--	--	--	--	--	--
	10/21/04	429.71	NA	26.90	NA	402.81	0.00	402.81
	11/15/04	429.71	--	--	--	--	--	--
	12/06/04	429.71	--	--	--	--	--	--
MP-26	06/18/04	--	NA	22.89	--	--	0.00	--
	06/23/04	--	NA	24.63	--	--	0.00	--

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-26	06/30/04	--	NA	25.06	--	--	0.00	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	NA	25.37	--	--	0.00	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	--	--	--	--	--	--
	09/02/04	429.54	--	--	--	--	--	--
	10/21/04	429.54	NA	26.43	NA	403.11	0.00	403.11
	11/15/04	429.54	--	--	--	--	--	--
	12/06/04	429.54	--	--	--	--	--	--
MP-27	06/18/04	--	22.50	22.58	--	--	0.08	--
	06/23/04	--	25.29	25.63	--	--	0.34	--
	06/30/04	--	25.36	25.71	--	--	0.35	--
	07/14/04	--	26.16	26.68	--	--	0.52	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	--	--	--	--	--	--
	09/02/04	429.55	--	--	--	--	--	--
	10/21/04	429.55	27.86	28.16	401.69	401.39	0.30	401.62
	11/15/04	429.55	--	--	--	--	--	--
	12/06/04	429.55	--	--	--	--	--	--
MP-28	06/18/04	--	NA	16.12	--	--	0.00	--
	06/23/04	--	NA	16.89	--	--	0.00	--
	06/30/04	--	NA	18.03	--	--	0.00	--
	07/08/04	--	--	--	--	--	--	--

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Village of Hartford, Illinois

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-28	07/14/04	--	--	--	--	--	--	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	--	--	--	--	--	--
	09/02/04	429.80	--	--	--	--	--	--
	10/21/04	429.80	NA	22.11	NA	407.69	0.00	407.69
	11/15/04	429.80	--	--	--	--	--	--
	12/06/04	429.80	--	--	--	--	--	--
MP-29 A	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	10.81	--	--	0.00	--
	08/11/04	--	NA	11.30	--	--	0.00	--
	08/19/04	--	NA	11.54	--	--	0.00	--
	08/25/04	--	NA	11.68	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/20/04	429.39	NA	11.87	NA	417.52	0.00	417.52
	10/20/04	429.39	NA	DRY	--	--	0.00	--
	11/17/04	429.39	NA	DRY	--	--	0.00	--
	12/07/04	429.39	NA	11.89	NA	417.50	0.00	417.50
MP-29 B	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	18.90	--	--	0.00	--
	08/11/04	--	NA	19.71	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/20/04	429.43	NA	20.32	NA	409.11	0.00	409.11
	10/20/04	429.43	NA	DRY	--	--	0.00	--
	11/17/04	429.43	NA	DRY	--	--	0.00	--

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Village of Hartford, Illinois

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-29 B	12/07/04	429.43	NA	19.79	NA	409.64	0.00	409.64
MP-29 C	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	21.17	21.58	--	--	0.41	--
	08/25/04	--	21.72	22.23	--	--	0.51	--
	09/02/04	--	22.28	22.64	--	--	0.36	--
	09/20/04	429.39	22.63	23.16	406.76	406.23	0.53	406.64
	10/20/04	429.39	23.75	23.98	405.64	405.41	0.23	405.59
	11/17/04	429.39	NA	22.24	NA	407.15	0.00	407.15
	12/07/04	429.39	NA	21.75	NA	407.64	0.00	407.64
MP-29 D	07/29/04	--	28.28	30.36	--	--	2.08	--
	08/03/04	--	28.21	32.56	--	--	4.35	--
	08/11/04	--	28.64	32.67	--	--	4.03	--
	08/19/04	--	29.32	33.01	--	--	3.69	--
	08/25/04	--	30.07	32.64	--	--	2.57	--
	09/02/04	--	28.36	32.51	--	--	4.15	--
	09/20/04	429.47	30.52	32.25	398.95	397.22	1.73	398.55
	10/20/04	429.47	31.54	32.55	397.93	396.92	1.01	397.70
	11/17/04	429.47	30.95	31.92	398.52	397.55	0.97	398.30
	12/07/04	429.47	29.95	32.36	399.52	397.11	2.41	398.97
MP-30 A	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	18.47	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	431.20	NA	DRY	NA	--	0.00	--
	10/19/04	431.20	NA	18.47	NA	412.73	0.00	412.73
	11/17/04	431.20	NA	18.54	NA	412.66	0.00	412.66

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Village of Hartford, Illinois

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-30 A	12/06/04	431.20	NA	18.50	NA	412.70	0.00	412.70
MP-30 B	08/12/04	--	NA	25.80	--	--	0.00	--
	08/19/04	--	NA	26.19	--	--	0.00	--
	08/26/04	--	NA	26.36	--	--	0.00	--
	09/02/04	--	NA	36.55	--	--	0.00	--
	09/21/04	431.21	NA	27.00	NA	404.21	0.00	404.21
	10/19/04	431.21	NA	27.52	NA	403.69	0.00	403.69
	11/17/04	431.21	NA	27.48	NA	403.73	0.00	403.73
	12/06/04	431.21	NA	26.84	NA	404.37	0.00	404.37
MP-30 C	08/12/04	--	NA	32.00	--	--	0.00	--
	08/19/04	--	NA	32.00	--	--	0.00	--
	08/26/04	--	NA	32.12	--	--	0.00	--
	09/02/04	--	NA	30.73	--	--	0.00	--
	09/21/04	431.13	NA	32.66	NA	398.47	0.00	398.47
	10/19/04	431.13	NA	33.45	NA	397.68	0.00	397.68
	11/17/04	431.13	NA	32.85	NA	398.28	0.00	398.28
	12/06/04	431.13	NA	32.13	NA	399.00	0.00	399.00
MP-31 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	426.71	NA	DRY	NA	--	0.00	--
	10/19/04	426.71	NA	DRY	NA	--	0.00	--
	11/17/04	426.71	NA	DRY	NA	--	0.00	--
	12/06/04	426.71	NA	DRY	NA	--	0.00	--
MP-31 B	08/12/04	--	NA	15.45	--	--	0.00	--
	08/19/04	--	NA	15.54	--	--	0.00	--
	08/26/04	--	NA	15.66	--	--	0.00	--
	09/02/04	--	NA	15.75	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-31 B	09/21/04	426.79	NA	15.90	NA	410.89	0.00	410.89
	10/19/04	426.79	NA	16.11	NA	410.68	0.00	410.68
	11/17/04	426.79	NA	16.08	NA	410.71	0.00	410.71
	12/06/04	426.79	NA	15.52	NA	411.27	0.00	411.27
MP-31 C	08/12/04	--	NA	29.03	--	--	0.00	--
	08/19/04	--	NA	27.89	--	--	0.00	--
	08/26/04	--	NA	28.00	--	--	0.00	--
	09/02/04	--	NA	26.38	--	--	0.00	--
	09/21/04	426.98	NA	28.48	NA	398.50	0.00	398.50
	10/19/04	426.98	NA	29.31	NA	397.67	0.00	397.67
	11/17/04	426.98	NA	28.78	NA	398.20	0.00	398.20
	12/06/04	426.98	NA	28.00	NA	398.98	0.00	398.98
MP-32 A	08/12/04	--	NA	13.65	--	--	0.00	--
	08/19/04	--	NA	13.68	--	--	0.00	--
	08/26/04	--	NA	13.70	--	--	0.00	--
	09/02/04	--	NA	13.75	--	--	0.00	--
	09/21/04	429.68	NA	13.80	NA	415.88	0.00	415.88
	10/21/04	429.68	NA	13.88	NA	415.80	0.00	415.80
	11/17/04	429.68	NA	13.97	NA	415.71	0.00	415.71
	12/07/04	429.68	NA	DRY	NA	--	0.00	--
MP-32 B	08/12/04	--	NA	29.35	--	--	0.00	--
	08/19/04	--	30.08	30.39	--	--	0.31	--
	08/26/04	--	NA	30.65	--	--	0.00	--
	09/02/04	--	29.23	29.56	--	--	0.33	--
	09/21/04	429.68	NA	30.86	NA	398.82	0.00	398.82
	10/21/04	429.68	NA	DRY	NA	--	0.00	--
	11/17/04	429.68	30.92	30.96	398.76	398.72	0.04	398.75
	12/07/04	429.68	30.58	30.82	399.10	398.86	0.24	399.04

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MP-32 C	08/12/04	--	NA	29.75	--	--	0.00	--
	08/19/04	--	NA	30.55	--	--	0.00	--
	08/26/04	--	NA	30.68	--	--	0.00	--
	09/02/04	--	NA	29.20	--	--	0.00	--
	09/21/04	429.72	NA	38.30	NA	391.42	0.00	391.42
	10/21/04	429.72	NA	32.06	NA	397.66	0.00	397.66
	11/17/04	429.72	NA	31.41	NA	398.31	0.00	398.31
	12/07/04	429.72	NA	30.71	NA	399.01	0.00	399.01
MP-33 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.05	NA	DRY	NA	--	0.00	--
	10/19/04	430.05	NA	DRY	NA	--	0.00	--
	11/17/04	430.05	NA	DRY	NA	--	0.00	--
	12/06/04	430.05	NA	DRY	NA	--	0.00	--
MP-33 B	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	14.09	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.09	NA	DRY	NA	--	0.00	--
	10/19/04	430.09	NA	DRY	NA	--	0.00	--
	11/17/04	430.09	NA	14.13	NA	415.96	0.00	415.96
	12/06/04	430.09	NA	14.10	NA	415.99	0.00	415.99
MP-33 C	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.09	NA	DRY	NA	--	0.00	--
	10/19/04	430.09	NA	DRY	NA	--	0.00	--
	11/17/04	430.09	NA	DRY	NA	--	0.00	--

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MP-33 C	12/06/04	430.09	NA	DRY	NA	--	0.00	--
MP-33 D	08/12/04	--	NA	30.03	--	--	0.00	--
	08/19/04	--	NA	30.83	--	--	0.00	--
	08/26/04	--	NA	30.97	--	--	0.00	--
	09/02/04	--	NA	29.54	--	--	0.00	--
	09/21/04	430.09	NA	31.51	NA	398.58	0.00	398.58
	10/19/04	430.09	NA	32.24	NA	397.85	0.00	397.85
	11/17/04	430.09	NA	31.66	NA	398.43	0.00	398.43
	12/06/04	430.09	NA	31.00	NA	399.09	0.00	399.09
MP-34 A	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	16.63	--	--	0.00	--
	08/11/04	--	NA	15.66	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	15.61	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.73	NA	DRY	NA	--	0.00	--
	10/19/04	430.73	NA	DRY	NA	--	0.00	--
	11/17/04	430.73	NA	15.64	NA	415.09	0.00	415.09
	12/06/04	430.73	NA	15.59	NA	415.14	0.00	415.14
MP-34 B	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.74	NA	DRY	NA	--	0.00	--
	10/19/04	430.74	NA	DRY	NA	--	0.00	--
	11/17/04	430.74	NA	DRY	NA	--	0.00	--
	12/06/04	430.74	NA	DRY	NA	--	0.00	--

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MP-34 C	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	30.13	--	--	0.00	--
	08/11/04	--	NA	30.51	--	--	0.00	--
	08/19/04	--	31.24	31.34	--	--	0.10	--
	08/26/04	--	31.41	31.54	--	--	0.13	--
	09/02/04	--	NA	30.08	--	--	0.00	--
	09/21/04	430.62	31.93	32.02	398.69	398.60	0.09	398.67
	10/19/04	430.62	32.67	32.74	397.95	397.88	0.07	397.93
	11/17/04	430.62	32.16	32.20	398.46	398.42	0.04	398.45
	12/06/04	430.62	31.48	31.49	399.14	399.13	0.01	399.14
MP-35 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	9.86	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.39	NA	DRY	NA	--	0.00	--
	10/19/04	430.39	NA	DRY	NA	--	0.00	--
	11/17/04	430.39	NA	DRY	NA	--	0.00	--
	12/06/04	430.39	NA	DRY	NA	--	0.00	--
MP-35 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	17.05	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.41	NA	DRY	NA	--	0.00	--
	10/19/04	430.41	NA	DRY	NA	--	0.00	--
	11/17/04	430.41	NA	17.01	NA	413.40	0.00	413.40
	12/06/04	430.41	NA	17.04	NA	413.37	0.00	413.37
MP-35 C	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--

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MP-35 C	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	--	--	--	--	--	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.44	NA	DRY	NA	--	0.00	--
	10/19/04	430.44	NA	DRY	NA	--	0.00	--
	11/17/04	430.44	NA	DRY	NA	--	0.00	--
	12/06/04	430.44	NA	DRY	NA	--	0.00	--
MP-35 D	07/29/04	--	29.11	31.30	--	--	2.19	--
	08/03/04	--	29.44	31.63	--	--	2.19	--
	08/11/04	--	29.78	31.93	--	--	2.15	--
	08/19/04	--	30.65	32.43	--	--	1.78	--
	08/25/04	--	31.00	32.88	--	--	1.88	--
	09/02/04	--	29.81	30.61	--	--	0.80	--
	09/21/04	430.43	31.30	33.27	399.13	397.16	1.97	398.68
	10/19/04	430.43	32.01	34.19	398.42	396.24	2.18	397.92
	11/17/04	430.43	31.80	32.59	398.63	397.84	0.79	398.45
	12/06/04	430.43	31.18	31.77	399.25	398.66	0.59	399.11
MP-36 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	431.91	NA	DRY	NA	--	0.00	--
	10/19/04	431.91	NA	DRY	NA	--	0.00	--
	11/17/04	431.91	NA	DRY	NA	--	0.00	--
	12/06/04	431.91	NA	DRY	NA	--	0.00	--
MP-36 B	07/29/04	--	NA	23.56	--	--	0.00	--
	08/03/04	--	NA	23.35	--	--	0.00	--
	08/11/04	--	NA	23.64	+	--	0.00	--

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MP-36 B	08/19/04	--	NA	23.85	--	--	0.00	--
	08/25/04	--	NA	24.00	--	--	0.00	--
	09/02/04	--	NA	24.10	--	--	0.00	--
	09/21/04	431.98	NA	24.46	NA	407.52	0.00	407.52
	**10/19/2004	431.98	NA	24.99	NA	406.99	0.00	406.99
	11/17/04	431.98	NA	25.00	NA	406.98	0.00	406.98
	12/06/04	431.98	NA	24.39	NA	407.59	0.00	407.59
MP-36 C	07/29/04	--	NA	31.11	--	--	0.00	--
	08/03/04	--	NA	31.45	--	--	0.00	--
	08/11/04	--	NA	31.76	--	--	0.00	--
	08/19/04	--	32.51	32.63	--	--	0.12	--
	08/25/04	--	32.86	33.00	--	--	0.14	--
	09/02/04	--	31.46	31.58	--	--	0.12	--
	09/21/04	431.99	33.24	33.40	398.75	398.59	0.16	398.71
	10/19/04	431.99	33.93	34.14	398.06	397.85	0.21	398.01
	11/17/04	431.99	NA	33.45	NA	398.54	0.00	398.54
	12/06/04	431.99	NA	32.81	NA	399.18	0.00	399.18
MP-37 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/20/04	429.33	NA	DRY	NA	--	0.00	--
	10/20/04	429.33	NA	DRY	NA	--	0.00	--
	11/17/04	429.33	NA	DRY	NA	--	0.00	--
	12/07/04	429.33	NA	DRY	NA	--	0.00	--
MP-37 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	22.55	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--

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MP-37 B	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/20/04	428.99	NA	DRY	NA	--	0.00	--
	10/20/04	428.99	NA	DRY	NA	--	0.00	--
	11/17/04	428.99	NA	DRY	NA	--	0.00	--
	12/07/04	428.99	NA	DRY	NA	--	0.00	--
MP-37 C	07/29/04	--	NA	21.96	--	--	0.00	--
	08/03/04	--	NA	22.63	--	--	0.00	--
	08/11/04	--	NA	23.50	--	--	0.00	--
	08/19/04	--	NA	23.65	--	--	0.00	--
	08/25/04	--	NA	23.69	--	--	0.00	--
	09/02/04	--	NA	23.71	--	--	0.00	--
	09/21/04	429.07	NA	23.81	NA	405.26	0.00	405.26
	10/20/04	429.07	NA	23.86	NA	405.21	0.00	405.21
	11/17/04	429.07	NA	23.85	NA	405.22	0.00	405.22
	12/07/04	429.07	NA	23.65	NA	405.42	0.00	405.42
MP-37 D	07/29/04	--	27.21	30.90	--	--	3.69	--
	08/03/04	--	27.53	31.25	--	--	3.72	--
	08/11/04	--	27.85	31.49	--	--	3.64	--
	08/19/04	--	29.01	30.30	--	--	1.29	--
	08/25/04	--	29.40	31.13	--	--	1.73	--
	09/02/04	--	28.44	29.04	--	--	0.60	--
	09/21/04	429.04	30.03	30.78	399.01	398.26	0.75	398.84
	10/20/04	429.04	30.80	31.61	398.24	397.43	0.81	398.05
	11/17/04	429.04	30.29	31.04	398.75	398.00	0.75	398.58
	12/07/04	429.04	29.71	30.45	399.33	398.59	0.74	399.16
MP-38 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/12/04	--	NA	DRY	--	--	0.00	--

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MP-38 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	427.17	NA	DRY	NA	--	0.00	--
	10/19/04	427.17	NA	DRY	NA	--	0.00	--
	11/17/04	427.17	NA	DRY	NA	--	0.00	--
	12/07/04	427.17	NA	DRY	NA	--	0.00	--
MP-38 B	07/29/04	--	NA	23.14	--	--	0.00	--
	08/03/04	--	NA	23.16	--	--	0.00	--
	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	23.14	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	427.03	NA	DRY	NA	--	0.00	--
	**10/19/2004	427.03	NA	DRY	NA	--	0.00	--
	**11/17/2004	427.03	NA	23.17	NA	403.86	0.00	403.86
	12/07/04	427.03	NA	23.16	NA	403.87	0.00	403.87
MP-38 C	07/29/04	--	NA	25.91	--	--	0.00	--
	08/03/04	--	NA	26.38	--	--	0.00	--
	08/12/04	--	NA	26.76	--	--	0.00	--
	08/19/04	--	NA	27.60	--	--	0.00	--
	08/26/04	--	NA	27.84	--	--	0.00	--
	09/02/04	--	NA	26.25	--	--	0.00	--
	09/21/04	426.91	NA	28.40	NA	398.51	0.00	398.51
	10/19/04	426.91	NA	29.14	NA	397.77	0.00	397.77
	11/17/04	426.91	28.55	28.79	398.36	398.12	0.24	398.30
	12/07/04	426.91	27.70	27.91	399.21	399.00	0.21	399.16
MP-39 A	07/29/04	--	NA	12.80	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/12/04	--	NA	DRY	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation' (ft)
MP-39 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	432.09	NA	DRY	NA	--	0.00	--
	10/19/04	432.09	NA	DRY	NA	--	0.00	--
	11/17/04	432.09	NA	DRY	NA	--	0.00	--
	12/07/04	432.09	NA	DRY	NA	--	0.00	--
MP-39 B	07/29/04	--	NA	18.37	--	--	0.00	--
	08/03/04	--	NA	18.41	--	--	0.00	--
	08/12/04	--	NA	18.85	--	--	0.00	--
	08/19/04	--	NA	19.55	--	--	0.00	--
	08/26/04	--	NA	20.20	--	--	0.00	--
	09/02/04	--	NA	20.28	--	--	0.00	--
	09/21/04	432.10	NA	21.57	NA	410.53	0.00	410.53
	10/19/04	432.10	NA	22.68	NA	409.42	0.00	409.42
	**11/17/2004	432.10	NA	21.06	NA	411.04	0.00	411.04
	12/07/04	432.10	NA	18.27	NA	413.83	0.00	413.83
MP-39 C	07/29/04	--	30.93	31.24	--	--	0.31	--
	08/03/04	--	30.92	32.88	--	--	1.96	--
	08/11/04	--	31.25	33.30	--	--	2.05	--
	08/19/04	--	32.05	33.86	--	--	1.81	--
	08/26/04	--	32.40	34.12	--	--	1.72	--
	09/02/04	--	31.41	32.03	--	--	0.62	--
	09/21/04	432.07	32.89	34.56	399.18	397.51	1.67	398.80
	10/19/04	432.07	33.87	34.72	398.20	397.35	0.85	398.00
	11/17/04	432.07	33.35	34.26	398.72	397.81	0.91	398.51
	12/07/04	432.07	32.73	33.48	399.34	398.59	0.75	399.17
MP-40 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	10.57	--	--	0.00	--
	09/02/04	--	NA	10.63	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-40 A	09/21/04	432.76	NA	10.60	NA	422.16	0.00	422.16
	10/19/04	432.76	NA	10.36	NA	422.40	0.00	422.40
	11/17/04	432.76	NA	10.51	NA	422.25	0.00	422.25
	12/07/04	432.76	NA	10.26	NA	422.50	0.00	422.50
MP-40 B	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	432.78	NA	DRY	NA	--	0.00	--
	10/19/04	432.78	NA	DRY	NA	--	0.00	--
	11/17/04	432.78	NA	DRY	NA	--	0.00	--
	12/07/04	432.78	NA	29.45	NA	403.33	0.00	403.33
MP-40 C	08/19/04	--	NA	31.38	--	--	0.00	--
	08/26/04	--	NA	31.63	--	--	0.00	--
	09/02/04	--	NA	30.36	--	--	0.00	--
	09/21/04	432.77	NA	32.12	NA	400.65	0.00	400.65
	**10/19/2004	432.77	NA	32.87	NA	399.90	0.00	399.90
	**11/17/2004	432.77	NA	32.36	NA	400.41	0.00	400.41
	12/07/04	432.77	NA	31.68	NA	401.09	0.00	401.09
MP-41 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/27/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	431.24	NA	DRY	NA	--	0.00	--
	10/20/04	431.24	NA	DRY	NA	--	0.00	--
	11/17/04	431.24	NA	DRY	NA	--	0.00	--
	12/07/04	431.24	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-41 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/27/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	431.23	NA	DRY	NA	--	0.00	--
	10/20/04	431.23	NA	DRY	NA	--	0.00	--
	11/17/04	431.23	NA	DRY	NA	--	0.00	--
	12/07/04	431.23	NA	25.81	NA	405.42	0.00	405.42
MP-41 C	07/29/04	--	NA	29.90	--	--	0.00	--
	08/03/04	--	NA	30.27	--	--	0.00	--
	08/11/04	--	30.56	30.58	--	--	0.02	--
	08/19/04	--	31.36	31.37	--	--	0.01	--
	08/27/04	--	31.59	31.60	--	--	0.01	--
	09/02/04	--	NA	30.45	--	--	0.00	--
	09/21/04	431.09	NA	32.12	NA	398.97	0.00	398.97
	10/20/04	431.09	NA	32.86	NA	398.23	0.00	398.23
	11/17/04	431.09	NA	32.33	NA	398.76	0.00	398.76
	12/07/04	431.09	NA	31.85	NA	399.24	0.00	399.24
MP-42 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.21	NA	DRY	NA	--	0.00	--
	10/21/04	430.21	NA	DRY	NA	--	0.00	--
	11/17/04	430.21	NA	DRY	NA	--	0.00	--
	12/07/04	430.21	NA	16.08	NA	414.13	0.00	414.13

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-42 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.20	NA	DRY	NA	--	0.00	--
	10/21/04	430.20	NA	DRY	NA	--	0.00	--
	11/17/04	430.20	NA	DRY	NA	--	0.00	--
	12/07/04	430.20	NA	DRY	NA	--	0.00	--
MP-42 C	07/29/04	--	29.22	29.68	--	--	0.46	--
	08/03/04	--	29.46	30.09	--	--	0.63	--
	08/11/04	--	29.70	30.60	--	--	0.90	--
	08/18/04	--	30.06	31.72	--	--	1.66	--
	08/25/04	--	30.63	32.01	--	--	1.38	--
	09/02/04	--	29.70	30.45	--	--	0.75	--
	09/20/04	430.32	31.07	32.10	399.25	398.22	1.03	399.01
	10/21/04	430.32	31.98	32.92	398.34	397.40	0.94	398.12
	11/17/04	430.32	31.42	32.42	398.90	397.90	1.00	398.67
	12/07/04	430.32	30.95	31.75	399.37	398.57	0.80	399.19
MP-43 A	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	426.75	NA	DRY	NA	--	0.00	--
	10/19/04	426.75	NA	DRY	NA	--	0.00	--
	11/17/04	426.75	NA	8.38	NA	418.37	0.00	418.37
	12/07/04	426.75	NA	DRY	NA	--	0.00	--
MP-43 B	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-43 B	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	426.72	NA	DRY	NA	--	0.00	--
	10/19/04	426.72	NA	DRY	NA	--	0.00	--
	11/17/04	426.72	NA	DRY	NA	--	0.00	--
	12/07/04	426.72	NA	DRY	NA	--	0.00	--
MP-43 C	08/12/04	--	NA	25.98	--	--	0.00	--
	08/19/04	--	NA	26.80	--	--	0.00	--
	08/26/04	--	NA	27.05	--	--	0.00	--
	09/02/04	--	NA	25.58	--	--	0.00	--
	09/21/04	426.39	NA	27.57	NA	398.82	0.00	398.82
	10/19/04	426.39	NA	28.39	NA	398.00	0.00	398.00
	11/17/04	426.39	NA	27.81	NA	398.58	0.00	398.58
	12/07/04	426.39	NA	27.04	NA	399.35	0.00	399.35
MP-44 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.64	NA	DRY	NA	--	0.00	--
	10/20/04	430.64	NA	DRY	NA	--	0.00	--
	11/17/04	430.64	NA	DRY	NA	--	0.00	--
	12/07/04	430.64	NA	9.80	NA	420.84	0.00	420.84
MP-44 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.54	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-44 B	10/20/04	430.54	NA	DRY	NA	--	0.00	--
	11/17/04	430.54	NA	DRY	NA	--	0.00	--
	12/07/04	430.54	NA	14.62	NA	415.92	0.00	415.92
MP-44 C	07/29/04	--	NA	24.41	--	--	0.00	--
	08/03/04	--	NA	24.39	--	--	0.00	--
	08/11/04	--	NA	24.36	--	--	0.00	--
	08/18/04	--	NA	24.31	--	--	0.00	--
	08/25/04	--	NA	24.30	--	--	0.00	--
	09/02/04	--	NA	24.63	--	--	0.00	--
	09/21/04	430.54	NA	24.42	NA	406.12	0.00	406.12
	10/20/04	430.54	NA	DRY	NA	--	0.00	--
	**11/17/2004	430.54	NA	24.53	NA	406.01	0.00	406.01
	12/07/04	430.54	NA	24.49	NA	406.05	0.00	406.05
MP-44 D	07/29/04	--	NA	29.33	--	--	0.00	--
	08/03/04	--	NA	29.65	--	--	0.00	--
	08/11/04	--	NA	29.99	--	--	0.00	--
	08/18/04	--	30.54	30.55	--	--	0.01	--
	08/25/04	--	31.02	31.03	--	--	0.01	--
	09/02/04	--	NA	29.91	--	--	0.00	--
	09/21/04	430.62	NA	31.53	NA	399.09	0.00	399.09
	10/20/04	430.62	NA	32.27	NA	398.35	0.00	398.35
	11/17/04	430.62	NA	31.75	NA	398.87	0.00	398.87
	12/07/04	430.62	NA	31.28	NA	399.34	0.00	399.34
MP-45 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.04	NA	DRY	NA	--	0.00	--

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MP-45 A	10/20/04	430.04	NA	DRY	NA	--	0.00	--
	11/17/04	430.04	NA	DRY	NA	--	0.00	--
	12/07/04	430.04	NA	DRY	NA	--	0.00	--
MP-45 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.04	NA	DRY	NA	--	0.00	--
	10/20/04	430.04	NA	DRY	NA	--	0.00	--
	11/17/04	430.04	NA	DRY	NA	--	0.00	--
	12/07/04	430.04	NA	DRY	NA	--	0.00	--
MP-45 C	07/29/04	--	28.38	29.38	--	--	1.00	--
	08/03/04	--	28.72	29.56	--	--	0.84	--
	08/11/04	--	29.02	29.04	--	--	0.02	--
	08/18/04	--	29.54	30.55	--	--	1.01	--
	08/25/04	--	29.91	31.43	--	--	1.52	--
	09/02/04	--	29.10	29.70	--	--	0.60	--
	09/21/04	429.93	30.18	32.61	399.75	397.32	2.43	399.19
	10/20/04	429.93	30.85	33.60	399.08	396.33	2.75	398.45
	11/17/04	429.93	30.69	32.06	399.24	397.87	1.37	398.92
	12/07/04	429.93	30.45	30.90	399.48	399.03	0.45	399.38
MP-46 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.67	NA	DRY	NA	--	0.00	--

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MP-46 A	10/20/04	429.67	NA	14.68	NA	414.99	0.00	414.99
	11/17/04	429.67	NA	DRY	NA	--	0.00	--
	12/07/04	429.67	NA	DRY	NA	--	0.00	--
MP-46 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.65	NA	DRY	NA	--	0.00	--
	10/20/04	429.65	NA	DRY	NA	--	0.00	--
	11/17/04	429.65	NA	DRY	NA	--	0.00	--
	12/07/04	429.65	NA	DRY	NA	--	0.00	--
MP-46 C	07/29/04	--	27.99	29.54	--	--	1.55	--
	08/03/04	--	28.14	29.87	--	--	1.73	--
	08/11/04	--	28.39	28.40	--	--	0.01	--
	08/18/04	--	29.86	31.21	--	--	1.35	--
	08/25/04	--	29.37	30.48	--	--	1.11	--
	09/02/04	--	28.80	29.31	--	--	0.51	--
	09/21/04	429.60	29.82	32.01	399.78	397.59	2.19	399.28
	10/20/04	429.60	30.48	33.33	399.12	396.27	2.85	398.46
	11/17/04	429.60	30.26	31.93	399.34	397.67	1.67	398.96
	12/07/04	429.60	29.87	31.38	399.73	398.22	1.51	399.38
MP-47 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.12	NA	DRY	NA	--	0.00	--

APPENDIX A-1
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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-47 A	10/20/04	429.12	NA	DRY	NA	--	0.00	--
	11/17/04	429.12	NA	DRY	NA	--	0.00	--
	12/07/04	429.12	NA	DRY	NA	--	0.00	--
MP-47 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.11	NA	DRY	NA	--	0.00	--
	10/20/04	429.11	NA	DRY	NA	--	0.00	--
	**11/17/2004	429.11	NA	22.32	NA	406.79	0.00	406.79
	12/07/04	429.11	NA	21.94	NA	407.17	0.00	407.17
MP-47 C	07/29/04	--	27.19	29.27	--	--	2.08	--
	08/03/04	--	27.42	29.51	--	--	2.09	--
	08/11/04	--	27.72	29.86	--	--	2.14	--
	08/18/04	--	28.16	30.56	--	--	2.40	--
	08/25/04	--	28.65	31.04	--	--	2.39	--
	09/02/04	--	28.02	29.35	--	--	1.33	--
	09/21/04	429.01	29.07	31.51	399.94	397.50	2.44	399.38
	10/20/04	429.01	29.92	32.19	399.09	396.82	2.27	398.57
	11/17/04	429.01	29.55	31.40	399.46	397.61	1.85	399.03
	12/07/04	429.01	29.22	30.84	399.79	398.17	1.62	399.42
MP-48 A	08/11/04	--	NA	19.05	--	--	0.00	--
	08/19/04	--	NA	18.95	--	--	0.00	--
	08/26/04	--	NA	18.95	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.29	NA	18.98	NA	410.31	0.00	410.31
	10/19/04	429.29	NA	DRY	NA	--	0.00	--
	11/17/07	429.29	NA	19.00	NA	410.29	0.00	410.29

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-48 A	12/07/04	429.29	NA	19.03	NA	410.26	0.00	410.26
MP-48 B	08/11/04	--	28.41	28.85	--	--	0.44	--
	08/19/04	--	29.05	29.75	--	--	0.70	--
	08/26/04	--	29.46	30.17	--	--	0.71	--
	09/02/04	--	28.30	28.32	--	--	0.02	--
	09/21/04	429.29	29.91	30.69	399.38	398.60	0.78	399.20
	10/19/04	429.29	30.56	30.82	398.73	398.47	0.26	398.67
	11/17/04	429.29	30.25	30.82	399.04	398.47	0.57	398.91
	12/07/04	429.29	29.64	30.13	399.65	399.16	0.49	399.54
MP-48 C	08/11/04	--	28.92	28.93	--	--	0.01	--
	08/19/04	--	29.70	29.72	--	--	0.02	--
	08/26/04	--	29.97	29.98	--	--	0.01	--
	09/02/04	--	28.58	28.59	--	--	0.01	--
	09/21/04	429.49	30.47	30.49	399.02	399.00	0.02	399.02
	10/19/04	429.49	NA	31.27	NA	398.22	0.00	398.22
	11/17/04	429.49	NA	30.68	NA	398.81	0.00	398.81
	12/07/04	429.49	NA	30.00	NA	399.49	0.00	399.49
MP-49 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	10.87	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	432.81	NA	DRY	NA	--	0.00	--
	10/19/04	432.81	NA	DRY	NA	--	0.00	--
	11/17/04	432.81	NA	DRY	NA	--	0.00	--
	12/07/04	432.81	NA	DRY	NA	--	0.00	--
MP-49 B	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	432.82	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-49 B	10/19/04	432.82	NA	DRY	NA	--	0.00	--
	11/17/04	432.82	NA	DRY	NA	--	0.00	--
	12/07/04	432.82	NA	22.67	NA	410.15	0.00	410.15
MP-49 C	08/19/04	--	30.84	32.25	--	--	1.41	--
	08/26/04	--	31.12	32.49	--	--	1.37	--
	09/02/04	--	30.34	30.67	--	--	0.33	--
	09/21/04	432.80	31.64	32.71	401.16	400.09	1.07	400.91
	10/19/04	432.80	32.42	33.64	400.38	399.16	1.22	400.10
	**11/17/2004	432.80	31.95	32.84	400.85	399.96	0.89	400.65
	12/07/04	432.80	31.53	32.20	401.27	400.60	0.67	401.12
MP-50 A	08/18/04	--	NA	8.08	--	--	0.00	--
	08/26/04	--	NA	8.65	--	--	0.00	--
	09/02/04	--	NA	9.00	--	--	0.00	--
	09/21/04	430.38	NA	9.83	NA	420.55	0.00	420.55
	10/20/04	430.38	NA	10.72	NA	419.66	0.00	419.66
	11/17/04	430.38	NA	11.30	NA	419.08	0.00	419.08
	12/07/04	430.38	NA	11.53	NA	418.85	0.00	418.85
MP-50 B	07/29/04	--	NA	24.03	--	--	0.00	--
	08/03/04	--	NA	23.31	--	--	0.00	--
	08/11/04	--	NA	23.88	--	--	0.00	--
	08/18/04	--	NA	24.01	--	--	0.00	--
	08/26/04	--	NA	23.82	--	--	0.00	--
	09/02/04	--	NA	23.72	--	--	0.00	--
	09/21/04	430.24	NA	DRY	NA	--	0.00	--
	**10/20/2004	430.24	NA	22.99	NA	407.25	0.00	407.25
	**11/17/2004	430.24	NA	23.56	NA	406.68	0.00	406.68
	12/07/04	430.24	NA	23.55	NA	406.69	0.00	406.69

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-50 C	07/29/04	--	28.11	31.05	--	--	2.94	--
	08/03/04	--	28.55	31.22	--	--	2.67	--
	08/11/04	--	28.96	31.18	--	--	2.22	--
	08/18/04	--	29.71	31.25	--	--	1.54	--
	08/26/04	--	30.28	31.38	--	--	1.10	--
	09/02/04	--	28.97	30.79	--	--	1.82	--
	09/21/04	430.23	30.80	32.03	399.43	398.20	1.23	399.15
	10/20/04	430.23	31.46	33.02	398.77	397.21	1.56	398.41
	11/17/04	430.23	31.09	31.92	399.14	398.31	0.83	398.95
	12/07/04	430.23	30.71	31.41	399.52	398.82	0.70	399.36
MP-51 A	08/18/04	--	NA	7.45	--	--	0.00	--
	08/26/14	--	NA	8.39	--	--	0.00	--
	09/02/04	--	NA	8.90	--	--	0.00	--
	09/21/04	430.90	NA	DRY	NA	--	0.00	--
	10/20/04	430.90	NA	DRY	NA	--	0.00	--
	11/17/04	430.90	NA	DRY	NA	--	0.00	--
	12/07/04	430.90	NA	8.89	NA	422.01	0.00	422.01
MP-51 B	07/29/04	--	NA	14.69	--	--	0.00	--
	08/03/04	--	NA	14.38	--	--	0.00	--
	08/11/04	--	NA	14.53	--	--	0.00	--
	08/18/04	--	NA	14.68	--	--	0.00	--
	08/26/04	--	NA	14.85	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.91	NA	DRY	NA	--	0.00	--
	10/20/04	430.91	NA	DRY	NA	--	0.00	--
	11/17/04	430.91	NA	14.97	NA	415.94	0.00	415.94
	12/07/04	430.91	NA	DRY	NA	--	0.00	--
MP-51 C	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-51 C	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.93	NA	DRY	NA	--	0.00	--
	10/20/04	430.93	NA	DRY	NA	--	0.00	--
	11/17/04	430.93	NA	DRY	NA	--	0.00	--
	12/07/04	430.93	NA	24.40	NA	406.53	0.00	406.53
MP-51 D	07/29/04	--	29.92	31.49	--	--	1.57	--
	08/03/04	--	29.19	31.64	--	--	2.45	--
	08/11/04	--	29.50	31.93	--	--	2.43	--
	08/18/04	--	29.98	32.45	--	--	2.47	--
	08/26/04	--	30.54	32.74	--	--	2.20	--
	09/02/04	--	29.97	29.98	--	--	0.01	--
	09/21/04	430.99	30.93	33.56	400.06	397.43	2.63	399.46
	10/20/04	430.99	31.73	34.23	399.26	396.76	2.50	398.69
	11/17/04	430.99	31.38	33.22	399.61	397.77	1.84	399.19
	12/07/04	430.99	31.21	31.28	399.78	399.71	0.07	399.76
MP-52 A	07/29/04	--	NA	9.88	--	--	0.00	--
	08/03/04	--	NA	9.93	--	--	0.00	--
	08/11/04	--	NA	9.91	--	--	0.00	--
	08/18/04	--	NA	9.87	--	--	0.00	--
	08/26/04	--	NA	9.85	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.96	NA	9.80	NA	420.16	0.00	420.16
	10/20/04	429.96	NA	9.78	NA	420.18	0.00	420.18
	11/17/04	429.96	NA	9.81	NA	420.15	0.00	420.15
	12/07/04	429.96	NA	9.80	NA	420.16	0.00	420.16
MP-52 B	07/29/04	--	NA	21.80	--	--	0.00	--
	08/03/04	--	NA	22.08	--	--	0.00	--
	08/11/04	--	NA	22.25	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-52 B	08/18/04	--	NA	22.41	--	--	0.00	--
	08/26/04	--	NA	22.49	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.97	NA	DRY	NA	--	0.00	--
	10/20/04	429.97	NA	DRY	NA	--	0.00	--
	11/17/04	429.97	NA	DRY	NA	--	0.00	--
	12/07/04	429.97	NA	DRY	NA	--	0.00	--
MP-52 C	07/29/04	--	28.30	28.74	--	--	0.44	--
	08/03/04	--	28.28	30.20	--	--	1.92	--
	08/11/04	--	28.34	31.05	--	--	2.71	--
	08/18/04	--	29.03	31.22	--	--	2.19	--
	08/26/04	--	29.67	31.48	--	--	1.81	--
	09/02/04	--	28.74	30.16	--	--	1.42	--
	09/21/04	429.99	30.31	31.44	399.68	398.55	1.13	399.42
	10/20/04	429.99	31.06	32.17	398.93	397.82	1.11	398.67
	11/17/04	429.99	30.64	31.84	399.35	398.15	1.20	399.07
	12/09/04	429.99	30.00	30.61	399.99	399.38	0.61	399.85
MP-53 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.59	NA	DRY	NA	--	0.00	--
	10/20/04	430.59	NA	11.67	NA	418.92	0.00	418.92
	11/17/04	430.59	NA	11.70	NA	418.89	0.00	418.89
	12/07/04	430.59	NA	11.72	NA	418.87	0.00	418.87
MP-53 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--

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MP-53 B	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.60	NA	DRY	NA	--	0.00	--
	10/20/04	430.60	NA	DRY	NA	--	0.00	--
	11/17/04	430.60	NA	DRY	NA	--	0.00	--
	12/07/04	430.60	NA	DRY	NA	--	0.00	--
MP-53 C	07/29/04	--	28.50	30.93	--	--	2.43	--
	08/03/04	--	28.83	30.94	--	--	2.11	--
	08/11/04	--	29.24	30.99	--	--	1.75	--
	08/18/04	--	29.75	31.37	--	--	1.62	--
	08/25/04	--	30.27	31.71	--	--	1.44	--
	09/02/04	--	29.60	29.61	--	--	0.01	--
	09/21/04	430.64	30.74	32.42	399.90	398.22	1.68	399.51
	10/20/04	430.64	31.81	32.42	398.83	398.22	0.61	398.69
	11/17/04	430.64	31.33	31.94	399.31	398.70	0.61	399.17
	12/07/04	430.64	31.03	31.49	399.61	399.15	0.46	399.50
MP-54 A	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/27/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.00	NA	DRY	NA	--	0.00	--
	10/20/04	430.00	NA	DRY	NA	--	0.00	--
	11/17/04	430.00	NA	DRY	NA	--	0.00	--
	12/08/04	430.00	--	--	--	--	--	--
MP-54 B	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--

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MP-54 B	08/18/04	--	NA	DRY	--	--	0.00	--
	08/27/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.99	NA	DRY	NA	--	0.00	--
	10/20/04	429.99	NA	DRY	NA	--	0.00	--
	11/17/04	429.99	NA	DRY	NA	--	0.00	--
	12/08/04	429.99	--	--	--	--	--	--
MP-54 C	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	28.81	--	--	0.00	--
	08/11/04	--	NA	29.11	--	--	0.00	--
	08/18/04	--	NA	29.55	--	--	0.00	--
	08/25/04	--	29.62	31.28	--	--	1.66	--
	09/02/04	--	28.80	30.20	--	--	1.40	--
	09/21/04	430.06	30.15	31.86	399.91	398.20	1.71	399.52
	**10/20/2004	430.06	30.43	32.69	399.63	397.37	2.26	399.11
	11/17/04	430.06	30.48	31.96	399.58	398.10	1.48	399.24
	12/08/04	430.06	--	--	--	--	--	--
MP-55 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	16.87	--	--	0.00	--
	08/11/04	--	NA	16.88	--	--	0.00	--
	08/18/04	--	NA	16.86	--	--	0.00	--
	08/25/04	--	NA	16.85	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.65	NA	16.86	NA	412.79	0.00	412.79
	10/20/04	429.65	--	--	--	--	--	--
	11/17/04	429.65	NA	DRY	NA	--	0.00	--
	12/07/04	429.65	NA	DRY	NA	--	0.00	--
MP-55 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	23.79	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--

APPENDIX A-1
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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-55 B	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.64	NA	DRY	NA	--	0.00	--
	10/20/04	429.65	--	--	--	--	--	--
	11/17/04	429.65	NA	DRY	NA	--	0.00	--
	12/07/04	429.65	NA	DRY	NA	--	0.00	--
MP-55 C	07/29/04	--	27.20	30.97	--	--	3.77	--
	08/03/04	--	27.51	31.09	--	--	3.58	--
	08/11/04	--	27.85	31.32	--	--	3.47	--
	08/18/04	--	28.12	32.17	--	--	4.05	--
	08/25/04	--	28.58	32.58	--	--	4.00	--
	09/02/04	--	28.50	29.44	--	--	0.94	--
	09/21/04	429.67	29.11	32.98	400.56	396.69	3.87	399.67
	10/20/04	429.67	--	--	--	--	--	--
	11/17/04	429.67	29.90	32.00	399.77	397.67	2.10	399.29
	12/07/04	429.67	29.73	31.26	399.94	398.41	1.53	399.59
MP-56 A	08/03/04	--	NA	10.60	--	--	0.00	--
	08/11/04	--	NA	10.56	--	--	0.00	--
	08/18/04	--	NA	10.55	--	--	0.00	--
	08/25/04	--	NA	10.55	--	--	0.00	--
	09/02/04	--	NA	10.60	--	--	0.00	--
	09/21/04	430.25	NA	DRY	NA	--	0.00	--
	10/20/04	430.25	NA	10.63	NA	419.62	0.00	419.62
	11/17/04	430.25	NA	10.67	NA	419.58	0.00	419.58
	12/07/04	430.25	NA	10.66	NA	419.59	0.00	419.59
MP-56 B	08/03/04	--	NA	25.71	--	--	0.00	--
	08/11/04	--	NA	26.04	--	--	0.00	--
	08/18/04	--	26.18	26.22	--	--	0.04	--
	08/25/04	--	26.76	26.80	--	--	0.04	--

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-56 B	09/02/04	--	26.97	26.98	--	--	0.01	--
	09/21/04	430.25	NA	DRY	NA	--	0.00	--
	10/20/04	430.25	NA	DRY	NA	--	0.00	--
	11/17/04	430.25	NA	DRY	NA	--	0.00	--
	12/07/04	430.25	NA	DRY	NA	--	0.00	--
MP-56 C	08/03/04	--	NA	28.72	--	--	0.00	--
	08/11/04	--	NA	28.72	--	--	0.00	--
	08/18/04	--	29.39	29.79	--	--	0.40	--
	08/25/04	--	29.81	30.36	--	--	0.55	--
	09/02/04	--	29.00	29.01	--	--	0.01	--
	09/21/04	430.15	30.31	31.02	399.84	399.13	0.71	399.68
	10/20/04	430.15	31.13	31.85	399.02	398.30	0.72	398.85
	11/17/04	430.15	30.70	31.28	399.45	398.87	0.58	399.32
	12/07/04	430.15	30.33	30.61	399.82	399.54	0.28	399.76
MP-57 A	08/03/04	--	NA	14.65	--	--	0.00	--
	08/11/04	--	NA	14.67	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	14.68	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.05	NA	DRY	NA	--	0.00	--
	10/20/04	429.05	NA	14.69	NA	414.36	0.00	414.36
	11/17/04	429.05	NA	14.70	NA	414.35	0.00	414.35
	12/07/04	429.05	NA	14.71	NA	414.34	0.00	414.34
MP-57 B	08/03/04	--	NA	24.25	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.04	NA	DRY	NA	--	0.00	--
	10/20/04	429.04	NA	DRY	NA	--	0.00	--

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The Hartford Working Group / Hartford, Illinois
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WELL	DATE*	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-57 B	11/17/04	429.04	NA	DRY	NA	--	0.00	--
	12/07/04	429.04	NA	DRY	NA	--	0.00	--
MP-57 C	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	NA	27.93	--	--	0.00	--
	08/18/04	--	NA	28.37	--	--	0.00	--
	08/25/04	--	NA	28.84	--	--	0.00	--
	09/02/04	--	NA	28.13	--	--	0.00	--
	09/21/04	428.99	NA	29.37	NA	399.62	0.00	399.62
	10/20/04	428.99	30.11	30.50	398.88	398.49	0.39	398.79
	11/17/04	428.99	29.67	30.04	399.32	398.95	0.37	399.23
	12/07/04	428.99	NA	29.32	NA	399.67	0.00	399.67
MP-58 A	08/12/04	--	NA	9.70	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	9.72	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.29	NA	9.86	NA	420.43	0.00	420.43
	10/20/04	430.29	NA	DRY	NA	--	0.00	--
	11/17/04	430.29	NA	10.01	NA	420.28	0.00	420.28
	12/07/04	430.29	NA	10.02	NA	420.27	0.00	420.27
MP-58 B	08/12/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04		NA	DRY	--	--	0.00	--
	09/21/04	430.29	NA	DRY	NA	--	0.00	--
	10/20/04	430.29	NA	DRY	NA	--	0.00	--
	11/17/04	430.29	NA	DRY	NA	--	0.00	--
	12/07/04	430.29	NA	21.19	NA	409.10	0.00	409.10

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-58 C	08/12/04	--	NA	28.85	--	--	0.00	--
	08/18/04	--	NA	29.27	--	--	0.00	--
	08/25/04	--	NA	29.80	--	--	0.00	--
	09/02/04	--	NA	29.13	--	--	0.00	--
	09/21/04	430.33	NA	30.30	NA	400.03	0.00	400.03
	10/20/04	430.33	NA	31.16	NA	399.17	0.00	399.17
	11/17/04	430.33	NA	30.73	NA	399.60	0.00	399.60
	12/07/04	430.33	NA	30.32	NA	400.01	0.00	400.01
MP-59 A	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	8.75	--	--	0.00	--
	08/25/04	--	NA	8.66	--	--	0.00	--
	09/02/04	--	NA	8.66	--	--	0.00	--
	09/21/04	429.97	NA	8.62	NA	421.35	0.00	421.35
	10/20/04	429.97	NA	8.59	NA	421.38	0.00	421.38
	11/17/04	429.97	NA	8.58	NA	421.39	0.00	421.39
	12/07/04	429.97	NA	8.15	NA	421.82	0.00	421.82
MP-59 B	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.88	NA	DRY	NA	--	0.00	--
	10/20/04	429.88	NA	DRY	NA	--	0.00	--
	11/17/04	429.88	NA	DRY	NA	--	0.00	--
	12/07/04	429.88	NA	DRY	NA	--	0.00	--
MP-59 C	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	28.81	--	--	0.00	--
	08/25/04	--	29.33	29.34	--	--	0.01	--
	09/02/04	--	NA	28.51	--	--	0.00	--
	09/21/04	429.90	29.86	29.91	400.04	399.99	0.05	400.03
	10/20/04	429.90	30.74	30.80	399.16	399.10	0.06	399.15

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-59 C	11/17/04	429.90	NA	30.25	NA	399.65	0.00	399.65
	12/07/04	429.90	NA	29.78	NA	400.12	0.00	400.12
MP-60 A	08/12/04	--	NA	9.62	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	9.64	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.21	NA	9.68	NA	419.53	0.00	419.53
	10/20/04	429.21	NA	DRY	NA	--	0.00	--
	11/17/04	429.21	NA	9.77	NA	419.44	0.00	419.44
	12/07/04	429.21	NA	4.55	NA	424.66	0.00	424.66
MP-60 B	08/12/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.20	NA	DRY	NA	--	0.00	--
	10/20/04	429.20	NA	DRY	NA	--	0.00	--
	11/17/04	429.20	NA	DRY	NA	--	0.00	--
	12/07/04	429.20	NA	DRY	NA	--	0.00	--
MP-60 C	08/12/04	--	NA	27.88	--	--	0.00	--
	08/18/04	--	NA	28.37	--	--	0.00	--
	08/25/04	--	28.73	28.74	--	--	0.01	--
	09/02/04	--	NA	28.08	--	--	0.00	--
	09/21/04	429.21	NA	29.25	NA	399.96	0.00	399.96
	10/20/04	429.21	NA	30.23	NA	398.98	0.00	398.98
	11/17/04	429.21	NA	29.66	NA	399.55	0.00	399.55
	12/07/04	429.21	NA	29.31	NA	399.90	0.00	399.90
MP-61 A	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	10.11	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-61 A	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.98	NA	10.11	NA	419.87	0.00	419.87
	10/19/04	429.98	NA	DRY	NA	--	0.00	--
	11/17/04	429.98	NA	DRY	NA	--	0.00	--
	12/06/04	429.98	NA	DRY	NA	--	0.00	--
MP-61 B	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.88	NA	DRY	NA	--	0.00	--
	10/19/04	429.88	NA	DRY	NA	--	0.00	--
	11/17/04	429.88	NA	DRY	NA	--	0.00	--
	12/06/04	429.88	NA	DRY	NA	--	0.00	--
MP-61 C	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	27.95	--	--	0.00	--
	08/26/04	--	NA	28.58	--	--	0.00	--
	09/02/04	--	NA	28.38	--	--	0.00	--
	09/21/04	430.00	NA	29.15	NA	400.85	0.00	400.85
	10/19/04	430.00	NA	30.19	NA	399.81	0.00	399.81
	11/17/04	430.00	NA	29.91	NA	400.09	0.00	400.09
	12/06/04	430.00	NA	29.67	NA	400.33	0.00	400.33
MP-62 A	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.11	NA	DRY	NA	--	0.00	--
	10/19/04	429.11	NA	DRY	NA	--	0.00	--
	11/17/04	429.11	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-62 A	12/07/04	429.11	NA	5.38	NA	423.73	0.00	423.73
MP-62 B	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.11	NA	DRY	NA	--	0.00	--
	10/19/04	429.11	NA	DRY	NA	--	0.00	--
	11/17/04	429.11	NA	DRY	NA	--	0.00	--
	12/07/04	429.11	NA	DRY	NA	--	0.00	--
MP-62 C	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	27.44	--	--	0.00	--
	08/26/04	--	NA	28.03	--	--	0.00	--
	09/02/04	--	NA	27.40	--	--	0.00	--
	09/21/04	428.94	NA	28.49	NA	400.45	0.00	400.45
	10/19/04	428.94	NA	29.35	NA	399.59	0.00	399.59
	11/17/04	428.94	NA	29.00	NA	399.94	0.00	399.94
	12/07/04	428.94	NA	28.68	NA	400.26	0.00	400.26
MP-63 A	08/11/04	--	--	DRY	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	9.66	--	--	0.00	--
	09/02/04	--	NA	9.66	--	--	0.00	--
	09/21/04	429.26	NA	9.56	NA	419.70	0.00	419.70
	10/19/04	429.26	NA	9.53	NA	419.73	0.00	419.73
	11/17/04	429.26	NA	9.50	NA	419.76	0.00	419.76
	12/07/04	429.26	NA	8.71	NA	420.55	0.00	420.55
MP-63 B	08/11/04	--	NA	DRY	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-63 B	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.26	NA	DRY	NA	--	0.00	--
	10/19/04	429.26	NA	DRY	NA	--	0.00	--
	11/17/04	429.26	NA	DRY	NA	--	0.00	--
	12/07/04	429.26	NA	DRY	NA	--	0.00	--
MP-63 C	08/11/04	--	NA	27.40	--	--	--	--
	08/18/04	--	NA	27.83	--	--	0.00	--
	08/26/04	--	NA	28.42	--	--	0.00	--
	09/02/04	--	NA	27.88	--	--	0.00	--
	09/21/04	429.29	NA	28.88	NA	400.41	0.00	400.41
	10/19/04	429.29	NA	29.74	NA	399.55	0.00	399.55
	11/17/04	429.29	NA	29.42	NA	399.87	0.00	399.87
	12/07/04	429.29	NA	28.98	NA	400.31	0.00	400.31
MP-64 A	08/12/04	--	NA	8.96	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	8.78	--	--	0.00	--
	09/02/04	--	NA	8.72	--	--	0.00	--
	09/21/04	428.73	NA	8.63	NA	420.10	0.00	420.10
	10/20/04	428.73	NA	8.67	NA	420.06	0.00	420.06
	11/17/04	428.73	NA	8.68	NA	420.05	0.00	420.05
	12/07/04	428.73	NA	8.10	NA	420.63	0.00	420.63
MP-64 B	08/12/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	428.74	NA	DRY	NA	--	0.00	--
	10/20/04	428.74	NA	DRY	NA	--	0.00	--
	11/17/04	428.74	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-64 B	12/07/04	428.74	NA	DRY	NA	--	0.00	--
MP-64 C	08/12/04	--	NA	26.88	--	--	0.00	--
	08/18/04	--	NA	27.22	--	--	0.00	--
	08/26/04	--	27.77	27.78	--	--	0.01	--
	09/02/04	--	NA	27.29	--	--	0.00	--
	09/21/04	428.69	NA	28.25	NA	400.44	0.00	400.44
	10/20/04	428.69	NA	29.15	NA	399.54	0.00	399.54
	11/17/04	428.69	NA	28.92	NA	399.77	0.00	399.77
	12/07/04	428.69	NA	28.52	NA	400.17	0.00	400.17
MP-65 A	08/26/04	--	NA	16.28	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	431.41	NA	DRY	NA	--	0.00	--
	10/18/04	431.41	NA	DRY	NA	--	0.00	--
	11/17/04	431.41	NA	DRY	NA	--	0.00	--
	12/06/04	431.41	NA	DRY	NA	--	0.00	--
MP-65 B	08/26/04	--	NA	DRY	--	--	--	--
	09/02/04	--	NA	DRY	--	--	--	--
	09/21/04	431.44	NA	DRY	NA	--	0.00	--
	10/18/04	431.44	NA	DRY	NA	--	0.00	--
	11/17/04	431.44	NA	DRY	NA	--	0.00	--
	12/06/04	431.44	NA	DRY	NA	--	0.00	--
MP-65 C	08/26/04	--	NA	30.08	--	--	0.00	--
	09/02/04	--	NA	29.19	--	--	0.00	--
	09/21/04	431.54	NA	30.58	NA	400.96	0.00	400.96
	10/18/04	431.54	NA	31.38	NA	400.16	0.00	400.16
	11/17/04	431.54	NA	30.91	NA	400.63	0.00	400.63
	12/06/04	431.54	NA	30.40	NA	401.14	0.00	401.14

APPENDIX A-1
2004 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-66 A	08/26/04	--	14.22	14.23	--	--	0.01	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.81	NA	DRY	NA	--	0.00	--
	10/18/04	430.81	NA	DRY	NA	--	0.00	--
	11/17/04	430.81	NA	DRY	NA	--	0.00	--
	12/06/04	430.81	NA	DRY	NA	--	0.00	--
MP-66 B	08/26/04	--	NA	25.17	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	--	--
	09/21/04	430.82	NA	DRY	NA	--	0.00	--
	10/18/04	430.82	NA	DRY	NA	--	0.00	--
	11/17/04	430.82	NA	DRY	NA	--	0.00	--
	12/06/04	430.82	NA	DRY	NA	--	0.00	--
MP-66 C	08/26/04	--	NA	28.71	--	--	0.00	--
	09/02/04	--	NA	28.51	--	--	0.00	--
	09/21/04	430.79	NA	29.29	NA	401.50	0.00	401.50
	10/18/04	430.79	NA	30.08	NA	400.71	0.00	400.71
	11/17/04	430.79	NA	30.07	NA	400.72	0.00	400.72
	12/06/04	430.79	NA	30.80	NA	399.99	0.00	399.99
MP-67 A	08/26/04	--	NA		--	--	0.00	--
	09/02/04	--	NA	9.48	--	--	0.00	--
	09/21/04	430.29	NA	9.54	NA	420.75	0.00	420.75
	10/18/04	430.29	NA	DRY	NA	--	0.00	--
	11/17/04	430.29	NA	9.72	NA	420.57	0.00	420.57
	12/06/04	430.29	NA	9.76	NA	420.53	0.00	420.53
MP-67 B	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.31	NA	DRY	NA	--	0.00	--
	10/18/04	430.31	NA	DRY	NA	--	0.00	--

APPENDIX A-1
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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-67 B	11/17/04	430.31	NA	DRY	NA	--	0.00	--
	12/06/04	430.31	NA	DRY	NA	--	0.00	--
MP-67 C	08/26/04	--	NA	28.93	--	--	0.00	--
	09/02/04	--	NA	28.53	--	--	0.00	--
	09/21/04	430.19	NA	29.49	NA	400.70	0.00	400.70
	10/18/04	430.19	NA	30.20	NA	399.99	0.00	399.99
	11/17/04	430.19	NA	30.03	NA	400.16	0.00	400.16
	12/06/04	430.19	NA	29.62	NA	400.57	0.00	400.57

NOTES:

NA = Not Applicable
-- = No data
* = Well contains product recovery pump
** = Depth to water anomaly
*** = Well contains air monitoring equipment
SG = Specific gravity of hydrocarbon determined to be an average of 0.77 in Hartford for data recorded during and after 09/03.
[1] Piezometric surface elevation = [(A)-(C)]+S.G.[(C)-(B)]
[2] HB-07 is obstructed at approximately 9 ft below top of casing (TOC); HB-27 is obstructed at approximately 14 ft below TOC.
[3] Located on private property. Access requires permission of owner; therefore, data may not be available for all gauging events.
[4] Wells where multiple readings have been collected as part of pilot test.
[5] MiniTROLL (automatic well gauging probe) installed in HMW-27, however, data may be from miniTROLL or manual gauging.
MP-5 through 28 installed as vacuum monitoring probes by Clayton in 7/03 and are not appropriate for determining groundwater flow.
HMW-25 through HMW-29 installed by Clayton in 12/03.
HMW-30 through 33 and RW-4, RW-4A and RW-5 installed as pilot test wells by Clayton in Spring 2004 and are not appropriate for determining groundwater flow.
Remaining HMW-series and MP-series installed by Clayton during Summer 2004.
Remaining wells installed by others.
TOC elevations surveyed to USGS datum by CMT.
Selected gauging data between 2/3/04 and 4/1/04 obtained as part of product recovery tests conducted at RW-2 & RW-3.

Clayton
GROUP SERVICES

2005 GROUNDWATER ELEVATIONS/APPARENT PRODUCT THICKNESS

APPENDIX A-1
2005 Groundwater Elevations/Apparent Product Thickness
Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
IEPA-4	01/19/04	430.35	28.29	30.14	402.06	400.21	1.85	401.63
	02/23/05	430.35	27.95	29.87	402.40	400.48	1.92	401.96
	03/17/05	430.35	29.25	30.81	401.10	399.54	1.56	400.74
	04/12/05	430.35	29.94	31.50	400.41	398.85	1.56	400.05
	05/11/05	430.35	29.58	31.13	400.77	399.22	1.55	400.41
HB-07[2]		432.32	PLUGGED	PLUGGED	PLUGGED	PLUGGED	PLUGGED	PLUGGED
HB-16[3]	01/20/05	431.42	--	--	--	--	--	--
	04/13/05	431.42	--	--	--	--	--	--
	05/11/05	431.42	--	--	--	--	--	--
HB-27[2]		425.83	PLUGGED	PLUGGED	PLUGGED	PLUGGED	PLUGGED	PLUGGED
HB-30	01/20/05	431.08	28.71	30.75	402.37	400.33	2.04	401.90
	03/17/05	431.08	29.91	31.66	401.17	399.42	1.75	400.77
	04/12/05	431.08	30.62	32.14	400.46	398.94	1.52	400.11
	05/11/05	431.08	30.30	31.86	400.78	399.22	1.56	400.42
HB-31[3]	01/20/05	431.49	NA	30.34	NA	401.15	0.00	401.15
	02/23/05	431.49	30.12	30.21	401.37	401.28	0.09	401.35
	03/17/05	431.49	32.29	32.44	399.20	399.05	0.15	399.17
	04/12/05	431.49	32.38	32.50	399.11	398.99	0.12	399.08
	05/11/05	431.49	NA	32.75	NA	398.74	0.00	398.74
HB-32[4]	01/19/05	433.33	NA	32.06	NA	401.27	0.00	401.27
	02/23/05	433.33	NA	31.81	NA	401.52	0.00	401.52
	03/18/05	433.33	NA	33.73	NA	399.60	0.00	399.60
	04/12/05	433.33	NA	33.94	NA	399.39	0.00	399.39
	05/12/05	433.33	NA	34.25	NA	399.08	0.00	399.08
HB-33[4]	01/19/05	430.23	NA	26.44	NA	403.79	0.00	403.79
	02/23/05	430.23	NA	27.45	NA	402.78	0.00	402.78

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HB-33[4]	03/18/05	430.23	NA	29.10	NA	401.13	0.00	401.13
	04/12/05	430.23	NA	29.08	NA	401.15	0.00	401.15
	05/12/05	430.23	NA	30.08	NA	400.15	0.00	400.15
HB-37	01/19/05	431.77	NA	29.42	NA	402.35	0.00	402.35
	02/23/05	431.77	NA	29.41	NA	402.36	0.00	402.36
	03/17/05	431.77	NA	31.00	NA	400.77	0.00	400.77
	04/12/05	431.77	NA	31.64	NA	400.13	0.00	400.13
	05/11/05	431.77	NA	31.61	NA	400.16	0.00	400.16
HB-38	01/19/05	429.92	NA	27.44	NA	402.48	0.00	402.48
	02/23/05	429.92	NA	26.88	NA	403.04	0.00	403.04
	03/17/05	429.92	NA	28.27	NA	401.65	0.00	401.65
	04/12/05	429.92	NA	29.08	NA	400.84	0.00	400.84
	05/12/05	429.92	NA	28.98	NA	400.94	0.00	400.94
HMW-01	01/18/05	429.94	NA	15.66	NA	414.28	0.00	414.28
	02/23/05	429.94	NA	18.17	NA	411.77	0.00	411.77
	03/17/05	429.94	NA	19.96	NA	409.98	0.00	409.98
	04/12/05	429.94	NA	20.36	NA	409.58	0.00	409.58
	05/11/05	429.94	NA	20.98	NA	408.96	0.00	408.96
HMW-02	01/18/05	429.65	27.78	28.17	401.87	401.48	0.39	401.78
	02/23/05	429.65	27.44	27.82	402.21	401.83	0.38	402.12
	03/17/05	429.65	28.99	29.38	400.66	400.27	0.39	400.57
	04/13/05	429.65	29.69	30.09	399.96	399.56	0.40	399.87
	05/11/05	429.65	29.64	30.04	400.01	399.61	0.40	399.92
HMW-03	01/17/05	428.72	NA	24.51	NA	404.21	0.00	404.21
	02/23/05	428.72	23.76	23.81	404.96	404.91	0.05	404.95
	03/18/05	428.72	NA	25.46	NA	403.26	0.00	403.26
	04/12/05	428.72	NA	26.20	NA	402.52	0.00	402.52
	05/12/05	428.72	NA	26.71	NA	402.01	0.00	402.01

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HMW-04	01/17/05	428.96	NA	6.36	NA	422.60	0.00	422.60
	02/23/05	428.96	NA	6.17	NA	422.79	0.00	422.79
	03/17/05	428.96	NA	9.90	NA	419.06	0.00	419.06
	04/12/05	428.96	NA	11.52	NA	417.44	0.00	417.44
	05/12/05	428.96	NA	14.57	NA	414.39	0.00	414.39
HMW-07[4]	01/19/05	429.12	21.21	21.24	407.91	407.88	0.03	407.90
	02/23/05	429.12	NA	22.54	NA	406.58	0.00	406.58
	03/17/05	429.12	--	--	--	--	--	--
	04/15/05	429.12	NA	24.12	NA	405.00	0.00	405.00
	05/11/05	429.12	NA	24.35	NA	404.77	0.00	404.77
HMW-08[4]	01/19/05	429.74	28.30	28.92	401.44	400.82	0.62	401.30
	02/23/05	429.74	27.97	28.78	401.77	400.96	0.81	401.58
	03/17/05	429.74	--	--	--	--	--	--
	04/12/05	429.74	29.69	32.17	400.05	397.57	2.48	399.48
	05/11/05	429.74	29.79	32.55	399.95	397.19	2.76	399.32
HMW-09	01/18/05	430.23	NA	23.16	NA	407.07	0.00	407.07
	02/24/05	430.23	NA	23.15	NA	407.08	0.00	407.08
	03/17/05	430.23	NA	23.15	NA	407.08	0.00	407.08
	04/13/05	430.23	NA	23.16	NA	407.07	0.00	407.07
	05/11/05	430.23	NA	23.16	NA	407.07	0.00	407.07
HMW-10	01/18/05	430.20	27.74	31.11	402.46	399.09	3.37	401.68
	02/24/05	430.20	27.41	30.77	402.79	399.43	3.36	402.02
	03/17/05	430.20	29.39	30.84	400.81	399.36	1.45	400.48
	04/12/05	430.20	30.08	30.80	400.12	399.40	0.72	399.95
	05/11/05	430.20	30.15	31.01	400.05	399.19	0.86	399.85
HMW-13	01/19/05	430.81	NA	18.45	NA	412.36	0.00	412.36
	02/23/05	430.81	NA	18.70	NA	412.11	0.00	412.11
	03/17/05	430.81	NA	18.72	NA	412.09	0.00	412.09
	04/13/05	430.81	--	--	--	--	--	--

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HMW-13	05/11/05	430.81	NA	18.74	NA	412.07	0.00	412.07
HMW-14	01/19/05	430.86	28.88	30.34	401.98	400.52	1.46	401.64
	02/23/05	430.86	28.65	29.47	402.21	401.39	0.82	402.02
	03/17/05	430.86	30.48	31.09	400.38	399.77	0.61	400.24
	04/12/05	430.86	30.95	31.48	399.91	399.38	0.53	399.79
	05/11/05	430.86	30.93	32.04	399.93	398.82	1.11	399.67
HMW-18	01/19/05	431.58	29.78	31.19	401.80	400.39	1.41	401.48
	02/23/05	431.58	29.35	30.58	402.23	401.00	1.23	401.95
	03/17/05	431.58	31.24	32.20	400.34	399.38	0.96	400.12
	04/12/05	431.58	31.75	32.59	399.83	398.99	0.84	399.64
	05/12/05	431.58	31.99	32.64	399.59	398.94	0.65	399.44
HMW-19	01/19/05	431.80	29.48	31.53	402.32	400.27	2.05	401.85
	02/23/05	431.80	28.87	31.39	402.93	400.41	2.52	402.35
	03/17/05	431.80	NA	31.31	NA	400.49	0.00	400.49
	04/12/05	431.80	31.63	32.53	400.17	399.27	0.90	399.96
	05/12/05	431.80	31.86	32.46	399.94	399.34	0.60	399.80
HMW-20	01/19/05	430.65	27.48	31.14	403.17	399.51	3.66	402.33
	02/23/05	430.65	26.73	32.48	403.92	398.17	5.75	402.60
	03/17/05	430.65	28.85	32.47	401.80	398.18	3.62	400.97
	04/13/05	430.65	29.85	32.55	400.80	398.10	2.70	400.18
	05/11/05	430.65	29.62	32.55	401.03	398.10	2.93	400.36
HMW-21[4]	01/19/05	430.05	NA	15.65	NA	414.40	0.00	414.40
	02/23/05	430.05	27.35	32.24	402.70	397.81	4.89	401.58
	03/17/05	430.05	29.67	32.50	400.38	397.55	2.83	399.73
	04/13/05	430.05	NA	20.53	NA	409.52	0.00	409.52
	05/12/05	430.05	NA	21.31	NA	408.74	0.00	408.74
HMW-22[4]	01/19/05	430.15	27.74	32.36	402.41	397.79	4.62	401.35
	02/23/05	430.15	NA	18.09	NA	412.06	0.00	412.06

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HMW-22[4]	03/17/05	430.15	NA	19.82	NA	410.33	0.00	410.33
	04/12/05	430.15	30.03	32.45	400.12	397.70	2.42	399.56
	05/12/05	430.15	30.48	32.37	399.67	397.78	1.89	399.24
HMW-25	01/19/05	427.45	NA	24.51	NA	402.94	0.00	402.94
	02/23/05	427.45	NA	23.99	NA	403.46	0.00	403.46
	03/17/05	427.45	NA	26.34	NA	401.11	0.00	401.11
	04/12/05	427.45	NA	26.60	NA	400.85	0.00	400.85
	05/12/05	427.45	NA	26.91	NA	400.54	0.00	400.54
HMW-26	01/19/05	425.20	NA	22.99	NA	402.21	0.00	402.21
	02/23/05	425.20	NA	22.10	NA	403.10	0.00	403.10
	03/17/05	425.20	NA	23.19	NA	402.01	0.00	402.01
	04/12/05	425.20	NA	24.04	NA	401.16	0.00	401.16
	05/12/05	425.20	NA	23.97	NA	401.23	0.00	401.23
HMW-27	01/19/05	430.73	NA	28.52	NA	402.21	0.00	402.21
(T 7/27/04-4/05)	02/23/05	430.73	NA	27.42	NA	403.31	0.00	403.31
	03/17/05	430.73	NA	28.35	NA	402.38	0.00	402.38
	04/12/05	430.73	NA	29.32	NA	401.41	0.00	401.41
	05/11/05	430.51	NA	28.72	NA	401.79	0.00	401.79
HMW-28	01/19/05	430.97	NA	27.81	NA	403.16	0.00	403.16
	02/23/05	430.97	NA	27.05	NA	403.92	0.00	403.92
	03/17/05	430.97	NA	28.42	NA	402.55	0.00	402.55
	04/12/05	430.97	NA	29.16	NA	401.81	0.00	401.81
	05/11/05	430.97	NA	29.03	NA	401.94	0.00	401.94
HMW-29	01/19/05	429.99	NA	27.31	NA	402.68	0.00	402.68
	02/23/05	429.99	NA	26.21	NA	403.78	0.00	403.78
	03/17/05	429.99	NA	26.97	NA	403.02	0.00	403.02
	04/12/05	429.99	NA	27.80	NA	402.19	0.00	402.19
	05/11/05	429.99	NA	27.67	NA	402.32	0.00	402.32

APPENDIX A-1
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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-30[4]	01/19/05	430.07	NA	28.71	NA	401.36	0.00	401.36
	02/23/05	430.07	NA	28.43	NA	401.64	0.00	401.64
	03/17/05	430.07	NA	30.36	NA	399.71	0.00	399.71
	04/13/05	430.07	30.58	30.62	399.49	399.45	0.04	399.48
	05/12/05	430.07	30.86	30.88	399.21	399.19	0.02	399.21
HMW-31[4]	01/19/05	430.09	NA	28.76	NA	401.33	0.00	401.33
	02/24/05	430.09	NA	28.52	NA	401.57	0.00	401.57
	03/17/05	430.09	NA	30.18	NA	399.91	0.00	399.91
	04/13/05	430.09	NA	30.63	NA	399.46	0.00	399.46
	05/12/05	430.09	NA	30.89	NA	399.20	0.00	399.20
HMW-32[4]	01/19/05	430.01	NA	27.03	NA	402.98	0.00	402.98
	02/23/05	430.01	NA	28.07	NA	401.94	0.00	401.94
	03/17/05	430.01	NA	30.00	NA	400.01	0.00	400.01
	04/13/05	430.01	NA	30.40	NA	399.61	0.00	399.61
	05/12/05	430.01	NA	30.68	NA	399.33	0.00	399.33
HMW-33[4]	01/19/05	430.13	28.46	29.25	401.67	400.88	0.79	401.49
	02/23/05	430.13	27.63	31.25	402.50	398.88	3.62	401.67
	03/17/05	430.13	--	--	--	--	--	--
	04/12/05	430.13	30.16	32.50	399.97	397.63	2.34	399.43
	05/12/05	430.13	30.38	32.58	399.75	397.55	2.20	399.24
HMW-34	01/18/05	429.83	27.65	30.00	402.18	399.83	2.35	401.64
	02/23/05	429.83	27.00	30.27	402.83	399.56	3.27	402.08
	03/17/05	429.83	29.01	30.60	400.82	399.23	1.59	400.45
	04/12/05	429.83	29.64	30.73	400.19	399.10	1.09	399.94
	05/11/05	429.83	29.74	30.79	400.09	399.04	1.05	399.85
HMW-35	01/18/05	429.81	NA	28.24	NA	401.57	0.00	401.57
	02/23/05	429.81	NA	27.87	NA	401.94	0.00	401.94
	03/17/05	429.81	NA	29.39	NA	400.42	0.00	400.42

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HMW-35	04/13/05	429.81	NA	29.99	NA	399.82	0.00	399.82
	05/11/05	429.81	NA	29.98	NA	399.83	0.00	399.83
HMW-36	01/18/05	429.91	27.53	30.70	402.38	399.21	3.17	401.65
	02/23/05	429.91	26.97	30.65	402.94	399.26	3.68	402.09
	03/17/05	429.91	29.07	30.65	400.84	399.26	1.58	400.48
	04/12/05	429.91	29.70	29.82	400.21	400.09	0.12	400.18
	05/11/05	429.91	29.75	31.06	400.16	398.85	1.31	399.86
HMW-37	01/18/05	429.61	27.69	28.55	401.92	401.06	0.86	401.72
	02/23/05	429.61	27.33	27.97	402.28	401.64	0.64	402.13
	03/17/05	429.61	28.87	29.62	400.74	399.99	0.75	400.57
	04/12/05	429.61	29.40	30.19	400.21	399.42	0.79	400.03
	05/11/05	429.61	29.54	30.21	400.07	399.40	0.67	399.92
HMW-38 A	01/18/05	430.06	NA	DRY	NA	--	0.00	--
	02/23/05	430.06	NA	DRY	NA	--	0.00	--
	03/17/05	430.06	NA	DRY	NA	--	0.00	--
	04/13/05	430.06	NA	DRY	NA	--	0.00	--
	05/11/05	430.06	NA	DRY	NA	--	0.00	--
HMW-38 B	01/18/05	429.93	NA	24.00	NA	405.93	0.00	405.93
	02/23/05	429.93	NA	24.95	NA	404.98	0.00	404.98
	03/17/05	429.93	NA	24.97	NA	404.96	0.00	404.96
	04/12/05	429.93	NA	DRY	NA	--	0.00	--
	05/11/05	429.93	NA	24.99	NA	404.94	0.00	404.94
HMW-38 C (T 11/19/04)	01/18/05	430.23	NA	29.25	NA	400.98	0.00	400.98
	02/23/05	430.23	NA	29.40	NA	400.83	0.00	400.83
	03/17/05	430.23	NA	31.72	NA	398.51	0.00	398.51
	04/12/05	430.23	NA	31.60	NA	398.63	0.00	398.63
	05/11/05	430.23	NA	32.08	NA	398.15	0.00	398.15

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HMW-39 A	01/18/05	426.46	NA	19.38	NA	407.08	0.00	407.08
	02/23/05	426.46	NA	20.34	NA	406.12	0.00	406.12
	03/17/05	426.46	NA	20.35	NA	406.11	0.00	406.11
	04/12/05	426.46	NA	20.35	NA	406.11	0.00	406.11
	05/11/05	426.46	NA	20.35	NA	406.11	0.00	406.11
HMW-39 B	01/18/05	426.55	NA	20.09	NA	406.46	0.00	406.46
(T 1/12/05)	02/23/05	426.55	NA	22.27	NA	404.28	0.00	404.28
	03/17/05	426.55	NA	24.07	NA	402.48	0.00	402.48
	04/12/05	426.55	NA	23.44	NA	403.11	0.00	403.11
	05/11/05	426.55	NA	24.21	NA	402.34	0.00	402.34
HMW-39 C	01/18/05	426.52	NA	25.13	NA	401.39	0.00	401.39
(T 1/11/05-4/05)	02/23/05	426.52	NA	25.09	NA	401.43	0.00	401.43
	03/17/05	426.52	NA	27.57	NA	398.95	0.00	398.95
	04/12/05	426.52	NA	27.63	NA	398.89	0.00	398.89
	05/11/05	426.28	--	--	--	--	--	--
HMW-40 A	01/19/05	425.01	NA	DRY	NA	--	0.00	--
	02/23/05	425.01	NA	13.19	NA	411.82	0.00	411.82
	03/17/05	425.01	NA	DRY	NA	--	0.00	--
	04/12/05	425.01	NA	DRY	NA	--	0.00	--
	05/12/05	425.01	NA	DRY	NA	--	0.00	--
HMW-40 B	01/09/05	424.86	NA	23.10	NA	401.76	0.00	401.76
	02/23/05	424.86	NA	22.97	NA	401.89	0.00	401.89
	03/17/05	424.86	NA	24.32	NA	400.54	0.00	400.54
	04/12/05	424.86	NA	24.34	NA	400.52	0.00	400.52
	05/12/05	424.86	NA	24.32	NA	400.54	0.00	400.54
HMW-40 C	01/19/05	424.75	NA	23.16	NA	401.59	0.00	401.59
(T 4/05)	02/23/05	424.75	NA	22.95	NA	401.80	0.00	401.80
	03/17/05	424.75	NA	25.10	NA	399.65	0.00	399.65
	04/12/05	424.75	NA	25.31	NA	399.44	0.00	399.44

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HMW-40 C (T 4/05)	05/12/05	425.01	NA	20.62	NA	404.39	0.00	404.39
HMW-41 A	01/19/05	425.42	NA	DRY	NA	--	0.00	--
	02/23/05	425.42	NA	17.84	NA	407.58	0.00	407.58
	03/17/05	425.42	NA	17.81	NA	407.61	0.00	407.61
	04/12/05	425.42	NA	17.85	NA	407.57	0.00	407.57
	05/12/05	425.42	--	--	--	--	--	--
HMW-41 B	01/19/05	425.91	NA	23.86	NA	402.05	0.00	402.05
	02/23/05	425.91	NA	23.95	NA	401.96	0.00	401.96
	03/17/05	425.91	NA	23.90	NA	402.01	0.00	402.01
	04/12/05	425.91	NA	24.80	NA	401.11	0.00	401.11
	05/12/05	425.91	--	--	--	--	--	--
HMW-41 C	01/19/05	425.85	NA	23.77	NA	402.08	0.00	402.08
	02/23/05	425.85	NA	23.11	NA	402.74	0.00	402.74
	03/17/05	425.85	NA	24.74	NA	401.11	0.00	401.11
	04/12/05	425.85	NA	25.34	NA	400.51	0.00	400.51
	05/12/05	425.85	--	--	--	--	--	--
HMW-42 A	01/20/05	431.39	NA	DRY	NA	--	0.00	--
	02/23/05	431.39	NA	25.82	NA	405.57	0.00	405.57
	03/17/05	431.39	NA	26.73	NA	404.66	0.00	404.66
	04/13/05	431.39	NA	DRY	NA	--	0.00	--
	05/12/05	431.39	NA	25.88	NA	405.51	0.00	405.51
HMW-42 B	01/20/05	431.46	NA	29.05	NA	402.41	0.00	402.41
	02/23/05	431.46	NA	28.26	NA	403.20	0.00	403.20
	03/17/05	431.46	NA	29.35	NA	402.11	0.00	402.11
	04/12/05	431.46	NA	30.26	NA	401.20	0.00	401.20
	05/12/05	431.46	NA	30.06	NA	401.40	0.00	401.40
HMW-43 A	01/18/05	428.73	NA	17.37	NA	411.36	0.00	411.36
	02/24/05	428.73	NA	17.39	NA	411.34	0.00	411.34

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
HMW-43 A	03/17/05	428.73	NA	17.41	NA	411.32	0.00	411.32
	04/13/05	428.73	NA	DRY	NA	--	0.00	--
	05/11/05	428.73	NA	17.41	NA	411.32	0.00	411.32
HMW-43 B	01/18/05	428.63	NA	21.97	NA	406.66	0.00	406.66
	02/24/05	428.63	NA	22.11	NA	406.52	0.00	406.52
	03/17/05	428.63	NA	22.15	NA	406.48	0.00	406.48
	04/13/05	428.63	NA	DRY	NA	--	0.00	--
	05/11/05	428.63	NA	22.00	NA	406.63	0.00	406.63
HMW-43 C	01/18/05	428.96	NA	27.04	NA	401.92	0.00	401.92
(T 1/11/05)	02/24/05	428.96	NA	26.22	NA	402.74	0.00	402.74
	03/17/05	428.96	NA	27.64	NA	401.32	0.00	401.32
	04/12/05	428.96	NA	28.52	NA	400.44	0.00	400.44
	05/11/05	428.96	NA	28.33	NA	400.63	0.00	400.63
HMW-44 A	01/18/05	429.50	NA	16.11	NA	413.39	0.00	413.39
	02/23/05	429.50	NA	16.09	NA	413.41	0.00	413.41
	03/17/05	429.50	NA	16.09	NA	413.41	0.00	413.41
	04/13/05	429.50	NA	DRY	NA	--	0.00	--
	05/11/05	429.50	NA	16.10	NA	413.40	0.00	413.40
HMW-44 B	01/18/05	429.46	NA	DRY	NA	--	0.00	--
	02/23/05	429.46	NA	DRY	NA	--	0.00	--
	03/17/05	429.46	NA	DRY	NA	--	0.00	--
	04/13/05	429.46	NA	DRY	NA	--	0.00	--
	05/11/05	429.46	NA	DRY	NA	--	0.00	--
HMW-44 C	01/18/05	429.44	26.37	31.79	403.07	397.65	5.42	401.82
	02/23/05	429.44	25.41	31.63	404.03	397.81	6.22	402.60
	03/17/05	429.44	27.56	31.60	401.88	397.84	4.04	400.95
	04/12/05	429.44	28.46	31.42	400.98	398.02	2.96	400.30
	05/11/05	429.44	28.38	31.41	401.06	398.03	3.03	400.36

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HMW-45 A	01/18/05	431.17	NA	DRY	NA	--	0.00	--
	02/23/05	431.17	NA	17.63	NA	413.54	0.00	413.54
	03/17/05	431.17	NA	DRY	NA	--	0.00	--
	04/13/05	431.17	NA	17.63	NA	413.54	0.00	413.54
	05/11/05	431.17	NA	DRY	NA	--	0.00	--
HMW-45 B	01/18/05	431.22	NA	26.31	NA	404.91	0.00	404.91
	02/23/05	431.22	NA	26.16	NA	405.06	0.00	405.06
	03/17/05	431.22	NA	27.03	NA	404.19	0.00	404.19
	04/12/05	431.22	NA	27.12	NA	404.10	0.00	404.10
	05/11/05	431.22	NA	27.25	NA	403.97	0.00	403.97
HMW-45 C	01/18/05	430.87	NA	29.61	NA	401.26	0.00	401.26
	02/23/05	430.87	29.17	31.51	401.70	399.36	2.34	401.16
	03/17/05	430.87	31.62	32.43	399.25	398.44	0.81	399.06
	04/12/05	430.87	31.71	31.98	399.16	398.89	0.27	399.10
	05/11/05	430.87	32.01	32.77	398.86	398.10	0.76	398.69
HWM-46 A	01/18/05	430.51	NA	17.47	NA	413.04	0.00	413.04
	02/23/05	430.51	NA	17.50	NA	413.01	0.00	413.01
	03/17/05	430.51	NA	17.52	NA	412.99	0.00	412.99
	04/13/05	430.51	NA	17.56	NA	412.95	0.00	412.95
	05/11/05	430.51	NA	DRY	NA	--	0.00	--
HMW-46 B	01/18/05	430.61	NA	23.55	NA	407.06	0.00	407.06
	02/23/05	430.61	NA	23.66	NA	406.95	0.00	406.95
	03/17/05	430.61	NA	23.92	NA	406.69	0.00	406.69
	04/12/05	430.61	NA	23.87	NA	406.74	0.00	406.74
	05/11/05	430.61	NA	24.75	NA	405.86	0.00	405.86
HMW-46 C	01/18/05	430.49	NA	29.36	NA	401.13	0.00	401.13
	02/23/05	430.49	28.45	28.70	402.04	401.79	0.25	401.98
	03/17/05	430.49	31.61	32.20	398.88	398.29	0.59	398.74
	04/14/05	430.49	31.42	31.50	399.07	398.99	0.08	399.05

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HMW-46 C	05/11/05	430.49	31.99	32.47	398.50	398.02	0.48	398.39
HMW-47 A	01/18/05	430.50	NA	16.35	NA	414.15	0.00	414.15
	02/23/05	430.50	NA	18.00	NA	412.50	0.00	412.50
	03/17/05	430.50	NA	19.00	NA	411.50	0.00	411.50
	04/12/05	430.50	NA	19.19	NA	411.31	0.00	411.31
	05/11/05	430.50	NA	19.30	NA	411.20	0.00	411.20
HMW-47 B	01/18/05	430.13	NA	19.81	NA	410.32	0.00	410.32
	02/23/05	430.13	NA	19.86	NA	410.27	0.00	410.27
	03/17/05	430.13	NA	18.29	NA	411.84	0.00	411.84
	04/12/05	430.13	NA	19.07	NA	411.06	0.00	411.06
	05/11/05	430.13	NA	21.71	NA	408.42	0.00	408.42
HMW-47 C	01/18/05	430.61	NA	29.48	NA	401.13	0.00	401.13
	02/23/05	430.61	29.53	29.55	401.08	401.06	0.02	401.08
	03/17/05	430.61	31.59	31.62	399.02	398.99	0.03	399.01
	04/12/05	430.61	31.55	31.58	399.06	399.03	0.03	399.05
	05/11/05	430.61	31.97	32.01	398.64	398.60	0.04	398.63
HMW-48 A	01/20/05	429.16	NA	7.08	NA	422.08	0.00	422.08
	02/23/05	429.16	NA	7.05	NA	422.11	0.00	422.11
	03/17/05	429.16	NA	10.20	NA	418.96	0.00	418.96
	04/12/05	429.16	NA	11.64	NA	417.52	0.00	417.52
	05/12/05	429.16	NA	13.85	NA	415.31	0.00	415.31
HMW-48 B	01/20/05	429.18	7.07	7.10	422.11	422.08	0.03	422.10
	02/23/05	429.18	NA	7.30	NA	421.88	0.00	421.88
	03/17/05	429.18	10.47	10.48	418.71	418.70	0.01	418.71
	04/12/05	429.18	NA	12.17	NA	417.01	0.00	417.01
	05/12/05	429.18	15.66	15.76	413.52	413.42	0.10	413.50
HMW-48 C	01/17/05	429.02	23.75	32.18	405.27	396.84	8.43	403.33
	02/23/05	429.02	22.96	32.54	406.06	396.48	9.58	403.86

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HMW-48 C	03/17/05	429.02	24.44	33.98	404.58	395.04	9.54	402.39
	04/12/05	429.02	24.85	33.99	404.17	395.03	9.14	402.07
	05/12/05	429.02	NA	26.15	NA	402.87	0.00	402.87
HMW-48 D	01/17/05	428.98	NA	27.95	NA	401.03	0.00	401.03
	02/23/05	428.98	NA	27.75	NA	401.23	0.00	401.23
	03/17/05	428.98	NA	29.40	NA	399.58	0.00	399.58
	04/12/05	428.98	NA	29.60	NA	399.38	0.00	399.38
	05/12/05	428.98	NA	29.97	NA	399.01	0.00	399.01
HMW-49 A	01/18/05	430.21	NA	12.81	NA	417.40	0.00	417.40
	02/23/05	430.21	NA	12.99	NA	417.22	0.00	417.22
	03/17/05	430.21	NA	13.02	NA	417.19	0.00	417.19
	04/13/05	430.21	NA	12.97	NA	417.24	0.00	417.24
	05/11/05	430.21	NA	12.98	NA	417.23	0.00	417.23
HMW-49 B	01/18/05	430.23	NA	18.47	NA	411.76	0.00	411.76
	02/23/05	430.23	NA	20.39	NA	409.84	0.00	409.84
	03/17/05	430.23	NA	22.76	NA	407.47	0.00	407.47
	04/12/05	430.23	NA	23.03	NA	407.20	0.00	407.20
	05/11/05	430.23	NA	23.42	NA	406.81	0.00	406.81
HMW-49 C (T 1/19/05)	01/18/05	430.18	NA	25.72	NA	404.46	0.00	404.46
	02/23/05	430.18	NA	26.78	NA	403.40	0.00	403.40
	03/17/05	430.18	NA	30.01	NA	400.17	0.00	400.17
	04/12/05	430.18	NA	30.36	NA	399.82	0.00	399.82
	05/11/05	430.18	NA	30.77	NA	399.41	0.00	399.41
HMW-49 D (T 1/19/05)	01/18/05	430.25	NA	29.52	NA	400.73	0.00	400.73
	02/23/05	430.25	NA	29.56	NA	400.69	0.00	400.69
	03/17/05	430.25	NA	31.83	NA	398.42	0.00	398.42
	04/12/05	430.25	NA	31.62	NA	398.63	0.00	398.63
	05/11/05	430.25	NA	32.13	NA	398.12	0.00	398.12

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The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
HMW-50 A	01/18/05	434.41	NA	5.38	NA	429.03	0.00	429.03
(T 1/11/05)	02/23/05	434.41	NA	7.68	NA	426.73	0.00	426.73
	02/24/05	434.41	NA	7.84	NA	426.57	0.00	426.57
	03/17/05	434.41	NA	11.78	NA	422.63	0.00	422.63
	04/13/05	434.41	NA	13.03	NA	421.38	0.00	421.38
	05/11/05	434.41	NA	15.52	NA	418.89	0.00	418.89
HMW-50 B	01/18/05	434.15	NA	26.25	NA	407.90	0.00	407.90
(T 1/7/05)	02/23/05	434.15	NA	26.60	NA	407.55	0.00	407.55
	02/24/05	434.15	NA	26.42	NA	407.73	0.00	407.73
	03/17/05	434.15	NA	28.73	NA	405.42	0.00	405.42
	04/13/05	434.15	NA	29.96	NA	404.19	0.00	404.19
	05/11/05	434.15	NA	30.58	NA	403.57	0.00	403.57
HMW-50 C	01/18/05	434.29	NA	33.10	NA	401.19	0.00	401.19
(T 1/7/05)	02/23/05	434.29	NA	32.90	NA	401.39	0.00	401.39
	02/24/05	434.29	NA	32.88	NA	401.41	0.00	401.41
	03/17/05	434.29	NA	34.29	NA	400.00	0.00	400.00
	04/13/05	434.29	NA	34.75	NA	399.54	0.00	399.54
	05/11/05	434.29	NA	34.73	NA	399.56	0.00	399.56
HMW-51 A	01/19/05	425.46	NA	DRY	NA	--	0.00	--
	02/23/05	425.46	NA	DRY	NA	--	0.00	--
	03/17/05	425.46	NA	DRY	NA	--	0.00	--
	04/12/05	425.46	NA	DRY	NA	--	0.00	--
	05/12/05	425.46	NA	DRY	NA	--	0.00	--
HMW-51 B	01/19/05	425.51	NA	23.70	NA	401.81	0.00	401.81
	02/23/05	425.51	NA	23.25	NA	402.26	0.00	402.26
	03/17/05	425.51	NA	24.70	NA	400.81	0.00	400.81
	04/12/05	425.51	NA	24.76	NA	400.75	0.00	400.75
	05/12/05	425.51	NA	24.70	NA	400.81	0.00	400.81

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
HMW-51 C	01/19/05	425.42	NA	23.65	NA	401.77	0.00	401.77
	02/23/05	425.42	NA	23.19	NA	402.23	0.00	402.23
	03/17/05	425.42	NA	25.32	NA	--	0.00	--
	04/12/05	425.42	NA	25.60	NA	399.82	0.00	399.82
	05/12/05	425.42	NA	25.96	NA	399.46	0.00	399.46
HMW-52 A	01/22/05	427.80	NA	18.12	NA	409.68	0.00	409.68
	02/23/05	427.80	NA	DRY	NA	--	0.00	--
	03/17/05	427.80	NA	20.28	NA	407.52	0.00	407.52
	04/12/05	427.80	NA	DRY	NA	--	0.00	--
	05/11/05	427.80	NA	20.26	NA	407.54	0.00	407.54
HMW-52 B	01/22/05	427.81	NA	25.12	NA	402.69	0.00	402.69
	02/23/05	427.81	NA	24.89	NA	402.92	0.00	402.92
	03/17/05	427.81	NA	25.98	NA	401.83	0.00	401.83
	04/12/05	427.81	NA	26.65	NA	401.16	0.00	401.16
	05/11/05	427.81	NA	26.47	NA	401.34	0.00	401.34
HMW-52 C	01/22/05	427.83	NA	25.85	NA	401.98	0.00	401.98
	02/23/05	427.83	NA	25.04	NA	402.79	0.00	402.79
	03/17/05	427.83	NA	26.42	NA	401.41	0.00	401.41
	04/12/05	427.83	NA	27.22	NA	400.61	0.00	400.61
	05/11/05	427.83	NA	27.03	NA	400.80	0.00	400.80
RW-1	01/20/05	433.78	31.55	31.56	402.23	402.22	0.01	402.23
	02/23/05	433.78	NA	31.13	NA	402.65	0.00	402.65
	03/17/05	433.78	NA	32.90	NA	400.88	0.00	400.88
	04/12/05	433.78	NA	33.45	NA	400.33	0.00	400.33
	05/12/05	433.78	NA	33.45	NA	400.33	0.00	400.33
RW-2	01/18/05	431.99	28.86	32.00	403.13	399.99	3.14	402.41
	02/23/05	431.99	29.61	31.10	402.38	400.89	1.49	402.04
	03/17/05	431.99	31.43	31.93	400.56	400.06	0.50	400.45
	04/12/05	431.99	31.78	32.89	400.21	399.10	1.11	399.95

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RW-2	05/11/05	431.99	32.08	32.36	399.91	399.63	0.28	399.85
RW-3[4]	01/19/05	433.35	27.32	32.43	406.03	400.92	5.11	404.85
	02/23/05	433.35	31.24	33.62	402.11	399.73	2.38	401.56
	03/17/05	433.35	33.22	34.95	400.13	398.40	1.73	399.73
	04/13/05	433.35	33.53	35.25	399.82	398.10	1.72	399.42
	05/12/05	433.35	33.80	35.58	399.55	397.77	1.78	399.14
RW-4[4]	01/19/05	429.65	NA	27.65	NA	402.00	0.00	402.00
	02/23/05	429.65	NA	29.25	NA	400.40	0.00	400.40
	03/17/05	429.65	NA	29.87	NA	399.78	0.00	399.78
	04/12/05	429.65	NA	30.19	NA	399.46	0.00	399.46
	05/12/05	429.65	NA	30.08	NA	399.57	0.00	399.57
RW-4A*	01/19/05	429.86	31.63	33.52	398.23	396.34	1.89	397.80
	02/23/05	Recovery Pump						
	03/17/05							
	04/12/05	429.86	29.62	32.56	400.24	397.30	2.94	399.56
	05/12/05	Recovery Pump						
RW-5	01/18/05	430.22	27.86	30.85	402.36	399.37	2.99	401.67
	02/23/05	430.22	27.38	30.65	402.84	399.57	3.27	402.09
	03/17/05	430.22	29.43	30.93	400.79	399.29	1.50	400.45
	04/12/05	430.22	30.02	31.12	400.20	399.10	1.10	399.95
	05/11/05	430.22	30.15	31.12	400.07	399.10	0.97	399.85
MP-5S	01/19/05	429.83	NA	DRY	NA	--	0.00	--
	04/13/05	429.83	NA	DRY	NA	--	0.00	--
	05/12/05	429.83	NA	DRY	NA	--	0.00	--
MP-5D	01/19/05	430.09	NA	14.15	NA	415.94	0.00	415.94
	04/13/05	430.09	NA	19.80	NA	410.29	0.00	410.29
	05/12/05	430.09	NA	20.71	NA	409.38	0.00	409.38

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-6S	01/19/05	430.15	--	--	--	--	--	--
	04/13/05	430.15	--	--	--	--	--	--
MP-6D	01/19/05	430.13	NA	14.12	NA	416.01	0.00	416.01
	04/13/05	430.13	--	--	--	--	--	--
MP-7S	01/19/05	430.17	--	--	--	--	--	--
	04/13/05	430.17	--	--	--	--	--	--
MP-7D	01/19/05	430.16	--	--	--	--	--	--
	04/13/05	430.16	--	--	--	--	--	--
MP-8S	01/19/05	430.20	NA	DRY	NA	--	0.00	--
	04/13/05	430.20	NA	DRY	NA	--	0.00	--
	05/12/05	430.20	NA	DRY	NA	--	0.00	--
MP-8D	01/19/05	430.14	16.47	16.49	413.67	413.65	0.02	413.67
	04/13/05	430.14	NA	21.21	NA	408.93	0.00	408.93
	05/12/05	430.14	21.96	22.01	408.18	408.13	0.05	408.17
MP-9S	01/19/05	430.05	NA	7.66	NA	422.39	0.00	422.39
	04/13/05	430.05	NA	8.27	NA	421.78	0.00	421.78
	05/12/05	430.05	NA	7.88	NA	422.17	0.00	422.17
MP-9D	01/19/05	430.00	15.36	16.70	414.64	413.30	1.34	414.33
	04/13/05	430.00	20.18	22.11	409.82	407.89	1.93	409.38
	05/12/05	430.00	20.98	22.78	409.02	407.22	1.80	408.61
MP-10S	01/19/05	430.53	NA	DRY	NA	--	0.00	--
	04/13/05	430.53	NA	DRY	NA	--	0.00	--
MP-10D	01/19/05	430.37	NA	12.17	NA	418.20	0.00	418.20
	04/13/05	430.37	NA	18.87	NA	411.50	0.00	411.50

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-11S	01/19/05	431.19	NA	DRY	NA	--	0.00	--
	04/13/05	431.19	NA	DRY	NA	--	0.00	--
MP-11D	01/19/05	431.19	NA	14.31	NA	416.88	0.00	416.88
	04/13/05	431.19	NA	19.35	NA	411.84	0.00	411.84
MP-12S	01/19/05	431.70	NA	DRY	NA	--	0.00	--
	04/13/05	431.70	NA	DRY	NA	--	0.00	--
MP-12D	01/19/05	431.63	NA	14.21	NA	417.42	0.00	417.42
	04/13/05	431.63	NA	19.48	NA	412.15	0.00	412.15
MP-13S	01/19/05	429.20	NA	7.74	NA	421.46	0.00	421.46
	04/13/05	429.20	NA	7.74	NA	421.46	0.00	421.46
MP-13D	01/19/05	429.30	NA	27.53	NA	401.77	0.00	401.77
	04/13/05	429.30	NA	DRY	NA	--	0.00	--
MP-14S	01/19/05	429.51	NA	9.16	NA	420.35	0.00	420.35
	04/13/05	429.51	NA	8.96	NA	420.55	0.00	420.55
MP-14D	01/19/05	429.51	NA	26.82	NA	402.69	0.00	402.69
	04/13/05	429.51	NA	DRY	NA	--	0.00	--
MP-15S	01/19/05	429.63	NA	9.00	NA	420.63	0.00	420.63
	04/13/05	429.63	NA	DRY	NA	--	0.00	--
MP-15D	01/19/05	429.58	NA	26.79	NA	402.79	0.00	402.79
	04/13/05	429.58	NA	DRY	NA	--	0.00	--
MP-16S	01/19/05	429.75	NA	DRY	NA	--	0.00	--
	04/13/05	429.75	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-16D	01/19/05	429.77	NA	27.55	NA	402.22	0.00	402.22
	04/13/05	429.77	NA	DRY	NA	--	0.00	--
MP-25	01/18/05	429.71	NA	26.29	NA	403.42	0.00	403.42
	02/23/05	429.71	NA	26.47	NA	403.24	0.00	403.24
	03/17/05	429.71	NA	26.57	NA	403.14	0.00	403.14
	04/13/05	429.71	NA	26.93	NA	402.78	0.00	402.78
	05/11/05	429.71	NA	27.00	NA	402.71	0.00	402.71
MP-26	01/18/05	429.54	NA	24.45	NA	405.09	0.00	405.09
	02/23/05	429.54	NA	25.55	NA	403.99	0.00	403.99
	03/17/05	429.54	NA	26.09	NA	403.45	0.00	403.45
	04/13/05	429.54	NA	26.07	NA	403.47	0.00	403.47
	05/11/05	429.54	NA	26.19	NA	403.35	0.00	403.35
MP-27	01/18/05	429.55	NA	25.63	NA	403.92	0.00	403.92
	02/23/05	429.55	NA	26.44	NA	403.11	0.00	403.11
	03/17/05	429.55	27.71	27.72	401.84	401.83	0.01	401.84
	04/13/05	429.55	27.83	27.94	401.72	401.61	0.11	401.69
	05/11/05	429.55	NA	27.88	NA	401.67	0.00	401.67
MP-28	01/18/05	429.80	NA	14.68	NA	415.12	0.00	415.12
	02/23/05	429.80	NA	16.90	NA	412.90	0.00	412.90
	03/17/05	429.80	NA	18.53	NA	411.27	0.00	411.27
	04/13/05	429.80	NA	DRY	NA	--	0.00	--
	05/11/05	429.80	NA	20.17	NA	409.63	0.00	409.63
MP-29 A	01/17/05	429.39	NA	DRY	NA	--	0.00	--
	02/23/05	429.39	NA	DRY	NA	--	0.00	--
	03/18/05	429.39	NA	11.89	NA	--	0.00	--
	04/12/05	429.39	NA	DRY	NA	--	0.00	--
	05/12/05	429.39	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-29 B	01/17/05	429.43	NA	17.44	NA	411.99	0.00	411.99
	02/23/05	429.43	NA	17.40	NA	412.03	0.00	412.03
	03/18/05	429.43	NA	19.65	NA	409.78	0.00	409.78
	04/13/05	429.43	NA	DRY	NA	--	0.00	--
	05/12/05	429.43	NA	DRY	NA	--	0.00	--
MP-29 C	01/20/05	429.39	16.41	18.30	412.98	411.09	1.89	412.55
	02/23/05	429.39	17.49	19.80	411.90	409.59	2.31	411.37
	03/18/05	429.39	20.05	21.60	409.34	407.79	1.55	408.98
	04/12/05	429.39	21.14	22.07	408.25	407.33	0.93	408.04
	05/12/05	429.39	22.28	23.62	407.11	405.77	1.34	406.80
MP-29 D	01/17/05	429.47	27.20	32.05	402.27	397.42	4.85	401.15
	02/23/05	429.47	26.74	32.50	402.73	396.97	5.76	401.41
	03/18/05	429.47	29.10	32.81	400.37	396.66	3.71	399.52
	04/12/05	429.47	29.32	32.67	400.15	396.80	3.35	399.38
	05/12/05	429.47	NA	30.30	NA	399.17	0.00	399.17
MP-30 A	01/19/05	431.20	NA	18.55	NA	412.65	0.00	412.65
	02/23/05	431.20	NA	DRY	NA	--	0.00	--
	03/17/05	431.20	NA	18.53	NA	412.67	0.00	412.67
	04/13/05	431.20	NA	18.51	NA	412.69	0.00	412.69
	05/11/05	431.20	NA	18.56	NA	412.64	0.00	412.64
MP-30 B	01/19/05	431.21	NA	23.90	NA	407.31	0.00	407.31
	02/23/05	431.21	NA	23.79	NA	407.42	0.00	407.42
	03/17/05	431.21	NA	25.74	NA	405.47	0.00	405.47
	04/13/05	431.21	NA	26.68	NA	404.53	0.00	404.53
	05/11/05	431.21	NA	26.95	NA	404.26	0.00	404.26
MP-30 C	01/19/05	431.13	NA	29.85	NA	401.28	0.00	401.28
	02/23/05	431.13	NA	29.53	NA	401.60	0.00	401.60
	03/17/05	431.13	NA	31.51	NA	399.62	0.00	399.62
	04/12/05	431.13	NA	31.78	NA	399.35	0.00	399.35

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MP-30 C	05/11/05	431.13	NA	32.00	NA	399.13	0.00	399.13
MP-31 A	01/19/05	426.71	NA	DRY	NA	--	0.00	--
	02/23/05	426.71	NA	DRY	NA	--	0.00	--
	03/17/05	426.71	NA	9.64	NA	417.07	0.00	417.07
	04/12/05	426.71	NA	9.65	NA	417.06	0.00	417.06
	05/12/05	426.71	NA	DRY	NA	--	0.00	--
MP-31 B	01/19/05	426.79	NA	13.76	NA	413.03	0.00	413.03
	02/23/05	426.79	NA	15.09	NA	411.70	0.00	411.70
	03/17/05	426.79	NA	15.15	NA	411.64	0.00	411.64
	04/12/05	426.79	NA	15.81	NA	410.98	0.00	410.98
	05/12/05	426.79	NA	15.90	NA	410.89	0.00	410.89
MP-31 C	01/19/05	426.98	NA	26.54	NA	400.44	0.00	400.44
	02/23/05	426.98	NA	25.32	NA	401.66	0.00	401.66
	03/17/05	426.98	NA	27.49	NA	399.49	0.00	399.49
	04/12/05	426.98	NA	27.74	NA	399.24	0.00	399.24
	05/12/05	426.98	NA	28.10	NA	398.88	0.00	398.88
MP-32 A	01/19/05	429.68	NA	DRY	NA	--	0.00	--
	02/23/05	429.68	NA	14.18	NA	415.50	0.00	415.50
	03/17/05	429.68	--	--	--	--	--	--
	04/13/05	429.68	NA	DRY	NA	--	0.00	--
	05/12/05	429.68	NA	DRY	NA	--	0.00	--
MP-32 B	01/19/05	429.68	NA	28.55	NA	401.13	0.00	401.13
	02/23/05	429.68	NA	28.02	NA	401.66	0.00	401.66
	03/17/05	429.68	--	--	--	--	--	--
	04/13/05	429.68	30.34	30.70	399.34	398.98	0.36	399.26
	05/12/05	429.68	30.86	DRY	398.82	--	0.14	--
MP-32 C	01/19/05	429.72	NA	28.28	NA	401.44	0.00	401.44
	02/23/05	429.72	NA	27.98	NA	401.74	0.00	401.74

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-32 C	03/17/05	429.72	--	--	--	--	--	--
	04/12/05	429.72	NA	30.36	NA	399.36	0.00	399.36
	05/12/05	429.72	NA	30.71	NA	399.01	0.00	399.01
MP-33 A	01/19/05	430.05	NA	DRY	NA	--	0.00	--
	02/23/05	430.05	NA	DRY	NA	--	0.00	--
	03/17/05	430.05	NA	DRY	NA	--	0.00	--
	04/13/05	430.05	NA	DRY	NA	--	0.00	--
	05/12/05	430.05	--	--	--	--	--	--
MP-33 B	01/19/05	430.09	NA	14.11	NA	415.98	0.00	415.98
	02/23/05	430.09	NA	14.11	NA	415.98	0.00	415.98
	03/17/05	430.09	NA	DRY	NA	--	0.00	--
	04/13/05	430.09	NA	14.12	NA	415.97	0.00	415.97
	05/12/05	430.09	--	--	--	--	--	--
MP-33 C	01/19/05	430.09	NA	DRY	NA	--	0.00	--
	02/23/05	430.09	NA	DRY	NA	--	0.00	--
	03/17/05	430.09	NA	DRY	NA	--	0.00	--
	04/13/05	430.09	NA	DRY	NA	--	0.00	--
	05/12/05	430.09	--	--	--	--	--	--
MP-33 D	01/19/05	430.09	NA	28.60	NA	401.49	0.00	401.49
	02/23/05	430.09	NA	28.32	NA	401.77	0.00	401.77
	03/17/05	430.09	NA	30.38	NA	399.71	0.00	399.71
	04/12/05	430.09	NA	30.67	NA	399.42	0.00	399.42
	05/12/05	430.09	--	--	--	--	--	--
MP-34 A	01/19/05	430.73	NA	15.48	NA	415.25	0.00	415.25
	02/23/05	430.73	NA	15.64	NA	415.09	0.00	415.09
	03/17/05	430.73	NA	15.67	NA	415.06	0.00	415.06
	04/13/05	430.73	NA	DRY	NA	--	0.00	--
	05/12/05	430.73	NA	DRY	NA	--	0.00	--

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-34 B	01/19/05	430.74	NA	DRY	NA	--	0.00	--
	02/23/05	430.74	NA	24.50	NA	406.24	0.00	406.24
	03/17/05	430.74	NA	DRY	NA	--	0.00	--
	04/13/05	430.74	NA	DRY	NA	--	0.00	--
	05/12/05	430.74	NA	DRY	NA	--	0.00	--
MP-34 C	01/19/05	430.62	NA	29.09	NA	401.53	0.00	401.53
	02/23/05	430.62	NA	28.82	NA	401.80	0.00	401.80
	03/17/05	430.62	30.69	31.13	399.93	399.49	0.44	399.83
	04/12/05	430.62	31.00	31.23	399.62	399.39	0.23	399.57
	05/12/05	430.62	31.29	31.88	399.33	398.74	0.59	399.19
MP-35 A	01/18/05	430.39	NA	DRY	NA	--	0.00	--
	02/23/05	430.39	NA	9.91	NA	420.48	0.00	420.48
	03/17/05	430.39	NA	9.86	NA	420.53	0.00	420.53
	04/13/05	430.39	NA	DRY	NA	--	0.00	--
	05/12/05	430.39	NA	DRY	NA	--	0.00	--
MP-35 B	01/18/05	430.41	NA	DRY	NA	--	0.00	--
	02/23/05	430.41	NA	17.01	NA	413.40	0.00	413.40
	03/17/05	430.41	NA	DRY	NA	--	0.00	--
	04/14/05	430.41	NA	17.05	NA	413.36	0.00	413.36
	05/12/05	430.41	NA	DRY	NA	--	0.00	--
MP-35 C	01/18/05	430.44	NA	DRY	NA	--	0.00	--
	02/23/05	430.44	NA	DRY	NA	--	0.00	--
	03/17/05	430.44	NA	DRY	NA	--	0.00	--
	04/13/05	430.44	NA	DRY	NA	--	0.00	--
	05/12/05	430.44	NA	DRY	NA	--	0.00	--
MP-35 D	01/18/05	430.43	NA	28.89	NA	401.54	0.00	401.54
	02/23/05	430.43	28.49	29.35	401.94	401.08	0.86	401.74
	03/17/05	430.43	30.26	31.73	400.17	398.70	1.47	399.83
	04/12/05	430.43	30.63	31.72	399.80	398.71	1.09	399.55

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-35 D	05/12/05	430.43	30.88	32.35	399.55	398.08	1.47	399.21
MP-36 A	01/18/05	431.91	NA	DRY	NA	--	0.00	--
	02/23/05	431.91	NA	DRY	NA	--	0.00	--
	03/17/05	431.91	NA	DRY	NA	--	0.00	--
	04/13/05	431.91	NA	DRY	NA	--	0.00	--
	05/11/05	431.91	NA	DRY	NA	--	0.00	--
MP-36 B	01/18/05	431.94	NA	20.50	NA	411.44	0.00	411.44
	02/23/05	431.94	NA	22.25	NA	409.69	0.00	409.69
	03/17/05	431.94	NA	23.30	NA	408.64	0.00	408.64
	04/12/05	431.94	NA	23.79	NA	408.15	0.00	408.15
	05/11/05	431.94	NA	24.22	NA	407.72	0.00	407.72
MP-36 C	01/18/05	431.99	30.36	30.42	401.63	401.57	0.06	401.62
	02/23/05	431.99	30.17	30.22	401.82	401.77	0.05	401.81
	03/17/05	431.99	32.04	32.08	399.95	399.91	0.04	399.94
	04/12/05	431.99	32.34	32.38	399.65	399.61	0.04	399.64
	05/11/05	431.99	32.51	32.57	399.48	399.42	0.06	399.47
MP-37 A	01/17/05	429.33	NA	DRY	NA	--	0.00	--
	02/23/05	429.33	NA	13.00	NA	416.33	0.00	416.33
	03/17/05	429.33	NA	12.99	NA	416.34	0.00	416.34
	04/13/05	429.33	NA	13.00	NA	416.33	0.00	416.33
	05/11/05	429.33	NA	13.01	NA	416.32	0.00	416.32
MP-37 B	01/17/05	428.99	NA	18.61	NA	410.38	0.00	410.38
	02/23/05	428.99	NA	21.75	NA	407.24	0.00	407.24
	03/17/05	428.99	NA	DRY	NA	--	0.00	--
	04/14/05	428.99	NA	DRY	NA	--	0.00	--
	05/11/05	428.99	NA	DRY	NA	--	0.00	--
MP-37 C	01/17/05	429.07	NA	19.32	NA	409.75	0.00	409.75
	02/23/05	429.07	NA	21.70	NA	407.37	0.00	407.37

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-37 C	03/17/05	429.07	NA	23.24	NA	405.83	0.00	405.83
	04/12/05	429.07	NA	23.66	NA	405.41	0.00	405.41
	05/11/05	429.07	NA	24.09	NA	404.98	0.00	404.98
MP-37 D	01/17/05	429.04	27.56	28.35	401.48	400.69	0.79	401.30
	02/23/05	429.04	27.11	27.88	401.93	401.16	0.77	401.75
	03/17/05	429.04	28.77	29.54	400.27	399.50	0.77	400.09
	04/12/05	429.04	29.20	29.88	399.84	399.16	0.68	399.68
	05/11/05	429.04	29.38	30.13	399.66	398.91	0.75	399.49
MP-38 A	01/19/05	427.17	NA	11.99	NA	415.18	0.00	415.18
	02/23/05	427.17	NA	23.15	NA	404.02	0.00	404.02
	03/17/05	427.17	NA	DRY	NA	--	0.00	--
	04/13/05	427.17	NA	DRY	NA	--	0.00	--
	05/12/05	427.17	NA	DRY	NA	--	0.00	--
MP-38 B	01/19/05	427.03	NA	22.90	NA	404.13	0.00	404.13
	02/23/05	427.03	NA	23.15	NA	403.88	0.00	403.88
	03/17/05	427.03	NA	23.16	NA	403.87	0.00	403.87
	04/13/05	427.03	NA	DRY	NA	--	0.00	--
	05/12/05	427.03	NA	DRY	NA	--	0.00	--
MP-38 C	01/19/05	426.91	NA	25.43	NA	401.48	0.00	401.48
	02/23/05	426.91	NA	25.04	NA	401.87	0.00	401.87
	03/17/05	426.91	27.15	27.25	399.76	399.66	0.10	399.74
	04/12/05	426.91	27.40	27.57	399.51	399.34	0.17	399.47
	05/12/05	426.91	27.76	28.06	399.15	398.85	0.30	399.08
MP-39 A	01/20/05	432.09	NA	11.59	NA	420.50	0.00	420.50
	02/23/05	432.09	NA	DRY	NA	--	0.00	--
	03/17/05	432.09	NA	12.83	NA	419.26	0.00	419.26
	04/13/05	432.09	NA	DRY	NA	--	0.00	--
	05/12/05	432.09	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-39 B	01/20/05	432.07	NA	13.14	NA	418.93	0.00	418.93
	02/23/05	432.07	NA	16.11	NA	415.96	0.00	415.96
	03/17/05	432.07	NA	17.26	NA	414.81	0.00	414.81
	04/13/05	432.07	NA	18.18	NA	413.89	0.00	413.89
	05/12/05	432.07	NA	19.70	NA	412.37	0.00	412.37
MP-39 C	01/20/05	432.07	30.31	30.88	401.76	401.19	0.57	401.63
	02/23/05	432.07	30.20	30.68	401.87	401.39	0.48	401.76
	03/17/05	432.07	31.78	33.16	400.29	398.91	1.38	399.97
	04/12/05	432.07	32.18	33.51	399.89	398.56	1.33	399.58
	05/12/05	432.07	32.30	33.95	399.77	398.12	1.65	399.39
MP-40 A	01/19/05	432.76	NA	9.90	NA	422.86	0.00	422.86
	02/23/05	432.76	NA	DRY	NA	--	0.00	--
	03/17/05	432.76	NA	10.39	NA	422.37	0.00	422.37
	04/12/05	432.76	NA	10.50	NA	422.26	0.00	422.26
	05/12/05	431.02	NA	10.59	NA	420.43	0.00	420.43
MP-40 B	01/19/05	432.78	NA	29.25	NA	403.53	0.00	403.53
	02/23/05	432.78	NA	28.65	NA	404.13	0.00	404.13
	03/17/05	432.78	NA	DRY	NA	--	0.00	--
	04/12/05	432.78	NA	29.49	NA	403.29	0.00	403.29
	05/12/05	431.04	NA	DRY	NA	--	0.00	--
MP-40 C	01/19/05	431.00	NA	29.42	NA	401.58	0.00	401.58
	02/23/05	431.00	NA	28.99	NA	402.01	0.00	402.01
	03/17/05	431.00	NA	30.89	NA	400.11	0.00	400.11
	04/12/05	431.00	NA	31.30	NA	399.70	0.00	399.70
	05/12/05	431.04	NA	31.55	NA	399.49	0.00	399.49
MP-41 A	01/19/05	431.24	NA	DRY	NA	--	0.00	--
	02/23/05	431.24	NA	DRY	NA	--	0.00	--
	03/17/05	431.24	NA	13.48	NA	417.76	0.00	417.76
	04/13/05	431.24	NA	13.48	NA	417.76	0.00	417.76

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-41 A	05/11/05	431.24	NA	13.49	NA	417.75	0.00	417.75
MP-41 B	01/19/05	431.23	NA	24.69	NA	406.54	0.00	406.54
	02/23/05	431.23	NA	25.60	NA	405.63	0.00	405.63
	03/17/05	431.23	NA	DRY	NA	--	0.00	--
	04/12/05	431.23	NA	DRY	NA	--	0.00	--
	05/11/05	431.23	NA	DRY	NA	--	0.00	--
MP-41 C	01/19/05	431.09	NA	29.43	NA	401.66	0.00	401.66
	02/23/05	431.09	NA	29.04	NA	402.05	0.00	402.05
	03/17/05	431.09	NA	30.79	NA	400.30	0.00	400.30
	04/12/05	431.09	NA	31.06	NA	400.03	0.00	400.03
	05/11/05	431.09	31.32	31.65	399.77	399.44	0.33	399.69
MP-42 A	01/18/05	430.21	NA	17.38	NA	412.83	0.00	412.83
	02/23/05	430.21	NA	17.53	NA	412.68	0.00	412.68
	03/17/05	430.21	NA	17.66	NA	412.55	0.00	412.55
	04/13/05	430.21	NA	17.68	NA	412.53	0.00	412.53
	05/11/05	430.21	NA	DRY	NA	--	0.00	--
MP-42 B	01/18/05	430.20	NA	23.72	NA	406.48	0.00	406.48
	02/23/05	430.20	NA	26.57	NA	403.63	0.00	403.63
	03/17/05	430.20	NA	26.49	NA	403.71	0.00	403.71
	04/12/05	430.20	NA	26.72	NA	403.48	0.00	403.48
	05/11/05	430.20	NA	27.89	NA	402.31	0.00	402.31
MP-42 C	01/18/05	430.32	28.84	29.01	401.48	401.31	0.17	401.44
	02/23/05	430.32	28.25	29.14	402.07	401.18	0.89	401.87
	03/17/05	430.32	29.94	30.65	400.38	399.67	0.71	400.22
	04/12/05	430.32	30.45	31.08	399.87	399.24	0.63	399.73
	05/11/05	430.32	30.56	31.19	399.76	399.13	0.63	399.62
MP-43 A	01/19/05	426.75	NA	DRY	NA	--	0.00	--
	02/23/05	426.75	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-43 A	03/17/05	426.75	NA	DRY	NA	--	0.00	--
	04/13/05	426.75	NA	DRY	NA	--	0.00	--
	05/12/05	426.75	NA	DRY	NA	--	0.00	--
MP-43 B	01/19/05	426.72	NA	DRY	NA	--	0.00	--
	02/23/05	426.72	NA	DRY	NA	--	0.00	--
	03/17/05	426.72	NA	DRY	NA	--	0.00	--
	04/13/05	426.72	NA	DRY	NA	--	0.00	--
	05/12/05	426.72	NA	DRY	NA	--	0.00	--
MP-43 C	01/19/05	426.39	NA	24.68	NA	401.71	0.00	401.71
	02/23/05	426.39	NA	24.29	NA	402.10	0.00	402.10
	03/17/05	426.39	NA	26.42	NA	399.97	0.00	399.97
	04/12/05	426.39	NA	26.76	NA	399.63	0.00	399.63
	05/12/05	426.39	NA	26.95	NA	399.44	0.00	399.44
MP-44 A	01/17/05	430.64	NA	DRY	NA	--	0.00	--
	02/23/05	430.64	NA	9.80	NA	420.84	0.00	420.84
	03/17/05	430.64	NA	9.78	NA	420.86	0.00	420.86
	04/13/05	430.64	NA	DRY	NA	--	0.00	--
	05/11/05	430.64	NA	9.80	NA	420.84	0.00	420.84
MP-44 B	01/17/05	430.54	NA	DRY	NA	--	0.00	--
	02/23/05	430.54	NA	DRY	NA	--	0.00	--
	03/17/05	430.54	NA	14.61	NA	--	0.00	--
	04/13/05	430.54	NA	DRY	NA	--	0.00	--
	05/11/05	430.54	NA	DRY	NA	--	0.00	--
MP-44 C	01/17/05	430.54	NA	DRY	NA	--	0.00	--
	02/23/05	430.54	NA	24.52	NA	406.02	0.00	406.02
	03/17/05	430.54	NA	24.55	NA	405.99	0.00	405.99
	04/14/05	430.54	NA	DRY	NA	--	0.00	--
	05/11/05	430.54	NA	DRY	NA	--	0.00	--

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MP-44 D	01/20/05	430.62	NA	28.78	NA	401.84	0.00	401.84
	02/23/05	430.62	NA	28.50	NA	402.12	0.00	402.12
	03/17/05	430.62	NA	30.20	NA	400.42	0.00	400.42
	04/12/05	430.62	NA	30.73	NA	399.89	0.00	399.89
	05/11/05	430.62	NA	30.79	NA	399.83	0.00	399.83
MP-45 A	01/17/05	430.04	NA	11.79	NA	418.25	0.00	418.25
	02/23/05	430.04	NA	12.30	NA	417.74	0.00	417.74
	03/17/05	430.04	NA	12.44	NA	417.60	0.00	417.60
	04/13/05	430.04	NA	12.48	NA	417.56	0.00	417.56
	05/11/05	430.04	NA	12.58	NA	417.46	0.00	417.46
MP-45 B	11/17/05	430.04	NA	DRY	NA	--	0.00	--
	02/23/05	430.04	NA	23.53	NA	406.51	0.00	406.51
	03/17/05	430.04	NA	23.55	NA	406.49	0.00	406.49
	04/13/05	430.04	NA	23.53	NA	406.51	0.00	406.51
	05/11/05	430.04	NA	23.61	NA	406.43	0.00	406.43
MP-45 C	01/17/05	429.93	NA	28.39	NA	401.54	0.00	401.54
	02/23/05	429.93	27.67	28.24	402.26	401.69	0.57	402.13
	03/17/05	429.93	29.01	30.82	400.92	399.11	1.81	400.50
	04/13/05	429.93	29.63	31.02	400.30	398.91	1.39	399.98
	05/11/05	429.93	29.47	31.84	400.46	398.09	2.37	399.91
MP-46 A	01/17/05	429.67	NA	DRY	NA	--	0.00	--
	02/23/05	429.67	NA	DRY	NA	--	0.00	--
	03/17/05	429.67	NA	DRY	NA	--	0.00	--
	04/13/05	429.67	NA	14.66	NA	415.01	0.00	415.01
	05/11/05	429.67	NA	14.63	NA	415.04	0.00	415.04
MP-46 B	01/17/05	429.65	NA	DRY	NA	--	0.00	--
	02/23/05	429.65	NA	24.13	NA	405.52	0.00	405.52
	03/17/05	429.65	NA	24.12	NA	405.53	0.00	405.53
	04/13/05	429.65	NA	24.13	NA	405.52	0.00	405.52

APPENDIX A-1
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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-46 B	05/11/05	429.65	NA	24.14	NA	405.51	0.00	405.51
MP-46 C	01/17/05	429.60	27.91	28.60	401.69	401.00	0.69	401.53
	02/23/05	429.60	27.00	29.03	402.60	400.57	2.03	402.13
	03/17/05	429.60	28.61	30.58	400.99	399.02	1.97	400.54
	04/12/05	429.60	29.19	30.96	400.41	398.64	1.77	400.00
	05/11/05	429.60	29.08	31.60	400.52	398.00	2.52	399.94
MP-47 A	01/20/05	429.12	NA	DRY	NA	--	0.00	--
	02/23/05	429.12	NA	DRY	NA	--	0.00	--
	03/17/05	429.12	NA	14.09	NA	415.03	0.00	415.03
	04/13/05	429.12	NA	DRY	NA	--	0.00	--
	05/11/05	429.12	NA	DRY	NA	--	0.00	--
MP-47 B	01/20/05	429.05	NA	23.04	NA	406.01	0.00	406.01
	02/23/05	429.05	NA	22.22	NA	406.83	0.00	406.83
	03/17/05	429.05	NA	22.28	NA	406.77	0.00	406.77
	04/14/05	429.05	NA	DRY	NA	--	0.00	--
	05/11/05	429.05	NA	DRY	NA	--	0.00	--
MP-47 C	01/20/05	429.01	26.65	28.70	402.36	400.31	2.05	401.89
	02/23/05	429.01	26.18	28.97	402.83	400.04	2.79	402.19
	03/17/05	429.01	27.84	30.18	401.17	398.83	2.34	400.63
	04/12/05	429.01	28.41	30.69	400.60	398.32	2.28	400.08
	05/11/05	429.01	28.39	30.86	400.62	398.15	2.47	400.05
MP-48 A	01/19/05	429.29	NA	DRY	NA	--	0.00	--
	02/23/05	429.29	NA	DRY	NA	--	0.00	--
	03/17/05	429.29	NA	18.97	NA	410.32	0.00	410.32
	04/14/05	429.29	NA	18.99	NA	410.30	0.00	410.30
	05/12/05	429.29	NA	18.98	NA	410.31	0.00	410.31
MP-48 B	01/19/05	429.29	NA	27.66	NA	401.63	0.00	401.63
	02/23/05	429.29	27.06	27.25	402.23	402.04	0.19	402.19

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The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-48 B	03/17/05	429.29	28.66	28.68	400.63	400.61	0.02	400.63
	04/12/05	429.29	29.02	30.34	400.27	398.95	1.32	399.97
	05/12/05	429.29	29.11	30.80	400.18	398.49	1.69	399.79
MP-48 C	01/19/05	429.49	27.70	27.73	401.79	401.76	0.03	401.78
	02/23/05	429.49	NA	27.22	NA	402.27	0.00	402.27
	03/17/05	429.49	NA	29.24	NA	400.25	0.00	400.25
	04/12/05	429.49	NA	29.63	NA	399.86	0.00	399.86
	05/12/05	429.49	NA	29.88	NA	399.61	0.00	399.61
MP-49 A	01/19/05	432.81	NA	DRY	NA	--	0.00	--
	02/23/05	432.81	NA	DRY	NA	--	0.00	--
	03/17/05	432.81	NA	DRY	NA	--	0.00	--
	04/13/05	432.81	NA	DRY	NA	--	0.00	--
	05/12/05	431.07	NA	DRY	NA	--	0.00	--
MP-49 B	01/19/05	432.82	NA	19.73	NA	413.09	0.00	413.09
	02/23/05	432.82	NA	21.47	NA	411.35	0.00	411.35
	03/17/05	432.82	NA	22.25	NA	410.57	0.00	410.57
	04/12/05	432.82	NA	DRY	NA	--	0.00	--
	05/12/05	431.08	NA	22.79	NA	408.29	0.00	408.29
MP-49 C	01/19/05	431.03	29.50	29.65	401.53	401.38	0.15	401.50
	02/23/05	431.03	28.10	31.03	402.93	400.00	2.93	402.26
	03/17/05	431.03	30.47	31.51	400.56	399.52	1.04	400.32
	04/12/05	431.03	29.91	32.01	401.12	399.02	2.10	400.64
	05/12/05	431.06	31.05	32.29	400.01	398.77	1.24	399.72
MP-50 A	01/19/05	430.38	NA	11.94	NA	418.44	0.00	418.44
	02/23/05	430.38	NA	13.90	NA	416.48	0.00	416.48
	03/17/05	430.38	NA	13.83	NA	416.55	0.00	416.55
	04/12/05	430.38	NA	13.76	NA	416.62	0.00	416.62
	05/11/05	430.38	NA	14.31	NA	416.07	0.00	416.07

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-50 B	01/19/05	430.21	NA	23.34	NA	406.87	0.00	406.87
	02/23/05	430.21	NA	23.32	NA	406.89	0.00	406.89
	03/17/05	430.21	NA	24.05	NA	406.16	0.00	406.16
	04/12/05	430.21	NA	DRY	NA	--	0.00	--
	05/11/05	430.21	NA	24.07	NA	406.14	0.00	406.14
MP-50 C	01/19/05	430.23	27.43	31.51	402.80	398.72	4.08	401.86
	02/23/05	430.23	26.99	31.03	403.24	399.20	4.04	402.31
	03/17/05	430.23	29.34	31.15	400.89	399.08	1.81	400.47
	04/12/05	430.23	30.61	31.18	399.62	399.05	0.57	399.49
	05/11/05	430.23	30.09	31.21	400.14	399.02	1.12	399.88
MP-51 A	01/19/05	430.90	NA	DRY	NA	--	0.00	--
	02/23/05	430.90	NA	DRY	NA	--	0.00	--
	03/17/05	430.90	NA	9.77	NA	421.13	0.00	421.13
	04/13/05	430.90	NA	DRY	NA	--	0.00	--
	05/11/05	430.90	NA	DRY	NA	--	0.00	--
MP-51 B	01/19/05	430.91	NA	12.98	NA	417.93	0.00	417.93
	02/23/05	430.91	NA	14.28	NA	416.63	0.00	416.63
	03/17/05	430.91	NA	14.53	NA	416.38	0.00	416.38
	04/13/05	430.91	NA	14.57	NA	416.34	0.00	416.34
	05/11/05	430.91	NA	14.67	NA	416.24	0.00	416.24
MP-51 C	01/19/05	430.93	NA	DRY	NA	--	0.00	--
	02/23/05	430.93	NA	DRY	NA	--	0.00	--
	03/17/05	430.93	NA	24.61	NA	406.32	0.00	406.32
	04/13/05	430.93	NA	DRY	NA	--	0.00	--
	05/11/05	430.93	NA	DRY	NA	--	0.00	--
MP-51 D	01/19/05	430.99	28.68	30.55	402.31	400.44	1.87	401.88
	02/23/05	430.99	28.23	30.16	402.76	400.83	1.93	402.32
	03/17/05	430.99	29.73	31.78	401.26	399.21	2.05	400.79
	04/12/05	430.99	30.41	32.33	400.58	398.66	1.92	400.14

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The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-51 D	05/11/05	430.99	30.35	33.00	400.64	397.99	2.65	400.03
MP-52 A	01/19/05	429.96	NA	9.78	NA	420.18	0.00	420.18
	02/23/05	429.96	NA	9.94	NA	420.02	0.00	420.02
	03/17/05	429.96	NA	9.98	NA	419.98	0.00	419.98
	04/14/05	429.96	NA	10.02	NA	419.94	0.00	419.94
	05/11/05	429.96	NA	DRY	NA	--	0.00	--
MP-52 B	01/19/05	429.97	NA	21.16	NA	408.81	0.00	408.81
	02/23/05	429.97	NA	22.25	NA	407.72	0.00	407.72
	03/17/05	429.97	NA	DRY	NA	--	0.00	--
	04/12/05	429.97	NA	DRY	NA	--	0.00	--
	05/11/05	429.97	NA	DRY	NA	--	0.00	--
MP-52 C	01/19/05	429.99	NA	28.25	NA	401.74	0.00	401.74
	02/23/05	429.99	27.13	29.03	402.86	400.96	1.90	402.42
	03/17/05	429.99	28.80	31.04	401.19	398.95	2.24	400.67
	04/12/05	429.99	29.41	31.27	400.58	398.73	1.86	400.15
	05/11/05	429.99	29.53	31.09	400.46	398.90	1.56	400.10
MP-53 A	01/18/05	430.59	NA	DRY	NA	--	0.00	--
	02/23/05	430.59	NA	11.73	NA	418.86	0.00	418.86
	03/17/05	430.59	NA	11.74	NA	418.85	0.00	418.85
	04/13/05	430.59	NA	DRY	NA	--	0.00	--
	05/11/05	430.59	NA	DRY	NA	--	0.00	--
MP-53 B	01/18/05	430.60	NA	24.15	NA	406.45	0.00	406.45
	02/23/05	430.60	NA	24.49	NA	406.11	0.00	406.11
	03/17/05	430.60	NA	24.48	NA	406.12	0.00	406.12
	04/13/05	430.60	NA	DRY	NA	--	0.00	--
	05/11/05	430.60	NA	DRY	NA	--	0.00	--
MP-53 C	01/18/05	430.64	28.16	31.15	402.48	399.49	2.99	401.79
	02/23/05	430.64	27.37	30.79	403.27	399.85	3.42	402.48

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-53 C	03/17/05	430.64	29.48	31.04	401.16	399.60	1.56	400.80
	04/12/05	430.64	30.19	31.28	400.45	399.36	1.09	400.20
	05/11/05	430.64	30.07	31.66	400.57	398.98	1.59	400.20
MP-54 A	01/20/05	430.00	NA	12.32	NA	417.68	0.00	417.68
	02/23/05	430.00	NA	12.36	NA	417.64	0.00	417.64
	03/17/05	430.00	NA	12.32	NA	417.68	0.00	417.68
	04/13/05	430.00	NA	DRY	NA	--	0.00	--
	05/11/05	430.00	NA	12.34	NA	417.66	0.00	417.66
MP-54 B	01/20/05	429.99	NA	DRY	NA	--	0.00	--
	02/23/05	429.99	NA	DRY	NA	--	0.00	--
	03/17/05	429.99	NA	DRY	NA	--	0.00	--
	04/13/05	429.99	NA	DRY	NA	--	0.00	--
	05/11/05	429.99	NA	DRY	NA	--	0.00	--
MP-54 C	01/20/05	430.06	27.68	27.95	402.38	402.11	0.27	402.32
	02/23/05	430.06	27.15	29.42	402.91	400.64	2.27	402.39
	03/17/05	430.06	28.83	30.82	401.23	399.24	1.99	400.77
	04/12/05	430.06	29.51	31.15	400.55	398.91	1.64	400.17
	05/11/05	430.06	29.42	31.35	400.64	398.71	1.93	400.20
MP-55 A	01/20/05	429.65	NA	DRY	NA	--	0.00	--
	02/23/05	429.65	NA	16.82	NA	412.83	0.00	412.83
	03/17/05	429.65	NA	16.81	NA	412.84	0.00	412.84
	04/13/05	429.65	NA	DRY	NA	--	0.00	--
	05/11/05	429.65	NA	16.86	NA	412.79	0.00	412.79
MP-55 B	01/20/05	429.65	NA	22.96	NA	406.69	0.00	406.69
	02/23/05	429.65	NA	23.08	NA	406.57	0.00	406.57
	03/17/05	429.65	NA	23.26	NA	406.39	0.00	406.39
	04/13/05	429.65	NA	DRY	NA	--	0.00	--
	05/11/05	429.65	NA	DRY	NA	--	0.00	--

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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-55 C	01/20/05	429.67	26.96	29.98	402.71	399.69	3.02	402.02
	02/23/05	429.67	26.38	30.24	403.29	399.43	3.86	402.40
	03/17/05	429.67	27.94	31.73	401.73	397.94	3.79	400.86
	04/12/05	429.67	28.78	31.65	400.89	398.02	2.87	400.23
	05/11/05	429.67	28.48	32.55	401.19	397.12	4.07	400.25
MP-56 A	01/19/05	430.25	NA	10.39	NA	419.86	0.00	419.86
	02/23/05	430.25	NA	10.42	NA	419.83	0.00	419.83
	03/17/05	430.25	NA	10.48	NA	419.77	0.00	419.77
	04/13/05	430.25	NA	10.56	NA	419.69	0.00	419.69
	05/11/05	430.25	NA	10.59	NA	419.66	0.00	419.66
MP-56 B	01/19/05	430.25	NA	23.87	NA	406.38	0.00	406.38
	02/23/05	430.25	NA	24.82	NA	405.43	0.00	405.43
	03/17/05	430.25	NA	26.21	NA	404.04	0.00	404.04
	04/12/05	430.25	NA	26.45	NA	403.80	0.00	403.80
	05/11/05	430.25	NA	27.61	NA	402.64	0.00	402.64
MP-56 C	01/19/05	430.15	26.89	31.75	403.26	398.40	4.86	402.14
	02/23/05	430.15	26.45	31.09	403.70	399.06	4.64	402.63
	03/17/05	430.15	28.54	31.32	401.61	398.83	2.78	400.97
	04/12/05	430.15	29.40	31.20	400.75	398.95	1.80	400.34
	05/11/05	430.15	29.37	31.17	400.78	398.98	1.80	400.37
MP-57 A	01/18/05	429.05	NA	14.71	NA	414.34	0.00	414.34
	02/23/05	429.05	NA	14.71	NA	414.34	0.00	414.34
	03/17/05	429.05	NA	14.71	NA	414.34	0.00	414.34
	04/13/05	429.05	NA	DRY	NA	--	0.00	--
	05/11/05	429.05	NA	14.72	NA	414.33	0.00	414.33
MP-57 B	01/18/05	429.04	NA	24.11	NA	404.93	0.00	404.93
	02/23/05	429.04	NA	24.23	NA	404.81	0.00	404.81
	03/17/05	429.04	NA	DRY	NA	--	0.00	--
	04/13/05	429.04	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbons (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-57 B	05/11/05	429.04	NA	DRY	NA	--	0.00	--
MP-57 C	01/18/05	428.99	27.18	27.89	401.81	401.10	0.71	401.65
	02/23/05	428.99	NA	26.43	NA	402.56	0.00	402.56
	03/17/05	428.99	27.99	28.66	401.00	400.33	0.67	400.85
	04/12/05	428.99	28.65	29.36	400.34	399.63	0.71	400.18
	05/11/05	428.99	28.57	29.30	400.42	399.69	0.73	400.25
MP-58 A	01/19/05	430.29	NA	DRY	NA	--	0.00	--
	02/23/05	430.29	NA	DRY	NA	--	0.00	--
	03/17/05	430.29	NA	9.94	NA	420.35	0.00	420.35
	04/12/05	430.29	NA	9.91	NA	420.38	0.00	420.38
	05/11/05	430.29	NA	9.10	NA	421.19	0.00	421.19
MP-58 B	01/19/05	430.29	NA	DRY	NA	--	0.00	--
	02/23/05	430.29	NA	21.03	NA	409.26	0.00	409.26
	03/17/05	430.29	NA	21.12	NA	409.17	0.00	409.17
	04/12/05	430.29	NA	DRY	NA	--	0.00	--
	05/11/05	430.29	NA	DRY	NA	--	0.00	--
MP-58 C	01/19/05	430.33	NA	28.17	NA	402.16	0.00	402.16
	02/23/05	430.33	NA	27.52	NA	402.81	0.00	402.81
	03/17/05	430.33	NA	29.03	NA	401.30	0.00	401.30
	04/12/05	430.33	NA	29.77	NA	400.56	0.00	400.56
	05/11/05	430.33	NA	29.61	NA	400.72	0.00	400.72
MP-59 A	01/19/05	429.97	NA	7.98	NA	421.99	0.00	421.99
	02/23/05	429.97	NA	7.88	NA	422.09	0.00	422.09
	03/17/05	429.97	NA	7.83	NA	422.14	0.00	422.14
	04/12/05	429.97	NA	7.84	NA	422.13	0.00	422.13
	05/11/05	429.97	NA	8.55	NA	421.42	0.00	421.42
MP-59 B	01/19/05	429.88	NA	17.80	NA	412.08	0.00	412.08
	02/23/05	429.88	NA	DRY	NA	--	0.00	--

APPENDIX A-1
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Village of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-59 B	03/17/05	429.88	NA	DRY	NA	--	0.00	--
	04/12/05	429.88	NA	DRY	NA	--	0.00	--
	05/11/05	429.88	NA	DRY	NA	--	0.00	--
MP-59 C	01/19/05	429.90	NA	27.53	NA	402.37	0.00	402.37
	02/23/05	429.90	NA	26.91	NA	402.99	0.00	402.99
	03/17/05	429.90	NA	28.55	NA	401.35	0.00	401.35
	04/12/05	429.90	NA	29.20	NA	400.70	0.00	400.70
	05/11/05	429.90	NA	29.05	NA	400.85	0.00	400.85
MP-60 A	01/19/05	429.21	NA	6.92	NA	422.29	0.00	422.29
	02/23/05	429.21	NA	7.63	NA	421.58	0.00	421.58
	03/17/05	429.21	NA	8.30	NA	420.91	0.00	420.91
	04/12/05	429.21	NA	8.37	NA	420.84	0.00	420.84
	05/11/05	429.21	NA	9.45	NA	419.76	0.00	419.76
MP-60 B	01/19/05	429.20	NA	DRY	NA	--	0.00	--
	02/23/05	429.20	NA	DRY	NA	--	0.00	--
	03/17/05	429.20	NA	DRY	NA	--	0.00	--
	04/12/05	429.20	NA	DRY	NA	--	0.00	--
	05/11/05	429.20	NA	DRY	NA	--	0.00	--
MP-60 C	01/19/05	429.21	NA	27.12	NA	402.09	0.00	402.09
	02/23/05	429.21	26.49	26.64	402.72	402.57	0.15	402.69
	03/17/05	429.21	27.90	28.40	401.31	400.81	0.50	401.20
	04/12/05	429.21	28.62	29.12	400.59	400.09	0.50	400.48
	05/11/05	429.21	28.51	29.05	400.70	400.16	0.54	400.58
MP-61 A	01/19/05	429.98	NA	8.08	NA	421.90	0.00	421.90
	02/23/05	429.98	NA	9.43	NA	420.55	0.00	420.55
	03/17/05	429.98	NA	9.32	NA	420.66	0.00	420.66
	04/12/05	429.98	NA	9.27	NA	420.71	0.00	420.71
	05/11/05	429.98	NA	10.05	NA	419.93	0.00	419.93

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-61 B	01/19/05	429.88	NA	DRY	NA	--	0.00	--
	02/23/05	429.88	NA	21.28	NA	408.60	0.00	408.60
	03/17/05	429.88	NA	DRY	NA	--	0.00	--
	04/12/05	429.88	NA	21.30	NA	408.58	0.00	408.58
	05/11/05	429.88	NA	DRY	NA	--	0.00	--
MP-61 C	01/19/05	430.00	NA	27.83	NA	402.17	0.00	402.17
	02/23/05	430.00	NA	26.88	NA	403.12	0.00	403.12
	03/17/05	430.00	NA	27.84	NA	402.16	0.00	402.16
	04/12/05	430.00	NA	28.80	NA	401.20	0.00	401.20
	05/11/05	430.00	NA	28.46	NA	401.54	0.00	401.54
MP-62 A	01/19/05	429.11	NA	7.10	NA	422.01	0.00	422.01
	02/23/05	429.11	NA	7.10	NA	422.01	0.00	422.01
	03/17/05	429.11	NA	7.43	NA	421.68	0.00	421.68
	04/12/05	429.11	NA	7.31	NA	421.80	0.00	421.80
	05/11/05	429.11	NA	8.45	NA	420.66	0.00	420.66
MP-62 B	01/19/05	429.11	NA	DRY	NA	--	0.00	--
	02/23/05	429.11	NA	DRY	NA	--	0.00	--
	03/17/05	429.11	NA	DRY	NA	--	0.00	--
	04/12/05	429.11	NA	DRY	NA	--	0.00	--
	05/11/05	429.11	NA	DRY	NA	--	0.00	--
MP-62 C	01/19/05	428.94	NA	26.45	NA	402.49	0.00	402.49
	02/23/05	428.94	NA	25.81	NA	403.13	0.00	403.13
	03/17/05	428.94	NA	27.18	NA	401.76	0.00	401.76
	04/12/05	428.94	NA	27.97	NA	400.97	0.00	400.97
	05/11/05	428.94	NA	27.79	NA	401.15	0.00	401.15
MP-63 A	01/19/05	429.26	NA	7.75	NA	421.51	0.00	421.51
	02/23/05	429.26	NA	8.99	NA	420.27	0.00	420.27
	03/17/05	429.26	NA	8.97	NA	420.29	0.00	420.29
	04/12/05	429.26	NA	8.96	NA	420.30	0.00	420.30

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-63 A	05/11/05	429.26	NA	DRY	NA	--	0.00	--
MP-63 B	01/19/05	429.26	NA	DRY	NA	--	0.00	--
	02/23/05	429.26	NA	DRY	NA	--	0.00	--
	03/17/05	429.26	NA	DRY	NA	--	0.00	--
	04/12/05	429.26	NA	DRY	NA	--	0.00	--
	05/11/05	429.26	NA	DRY	NA	--	0.00	--
MP-63 C	01/19/05	429.29	NA	26.85	NA	402.44	0.00	402.44
	02/23/05	429.29	NA	26.29	NA	403.00	0.00	403.00
	03/17/05	429.29	NA	27.61	NA	401.68	0.00	401.68
	04/12/05	429.29	NA	28.47	NA	400.82	0.00	400.82
	05/11/05	429.29	NA	28.25	NA	401.04	0.00	401.04
MP-64 A	01/18/05	428.73	NA	8.76	NA	419.97	0.00	419.97
	02/23/05	428.73	NA	9.30	NA	419.43	0.00	419.43
	03/17/05	428.73	--	--	--	--	--	--
	04/12/05	428.73	NA	9.14	NA	419.59	0.00	419.59
	05/11/05	428.73	NA	9.09	NA	419.64	0.00	419.64
MP-64 B	01/18/05	428.74	NA	DRY	NA	--	0.00	--
	02/23/05	428.74	NA	DRY	NA	--	0.00	--
	03/17/05	428.74	--	--	--	--	--	--
	04/13/05	428.74	NA	DRY	NA	--	0.00	--
	05/11/05	428.74	NA	DRY	NA	--	0.00	--
MP-64 C	01/18/05	428.69	NA	26.64	NA	402.05	0.00	402.05
	02/23/05	428.69	NA	25.67	NA	403.02	0.00	403.02
	03/17/05	428.69	--	--	--	--	--	--
	04/12/05	428.69	NA	27.90	NA	400.79	0.00	400.79
	05/11/05	428.69	NA	27.63	NA	401.06	0.00	401.06
MP-65 A	01/19/05	431.41	NA	DRY	NA	--	0.00	--
	02/23/05	431.41	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-65 A	03/17/05	431.41	NA	DRY	NA	--	0.00	--
	04/12/05	431.41	NA	DRY	NA	--	0.00	--
	05/11/05	431.41	NA	DRY	NA	--	0.00	--
MP-65 B	01/19/05	431.44	NA	DRY	NA	--	0.00	--
	02/23/05	431.44	NA	DRY	NA	--	0.00	--
	03/17/05	431.44	NA	DRY	NA	--	0.00	--
	04/12/05	431.44	NA	DRY	NA	--	0.00	--
	05/11/05	431.44	NA	DRY	NA	--	0.00	--
MP-65 C (T 4/05)	01/19/05	431.54	NA	28.19	NA	403.35	0.00	403.35
	02/23/05	431.54	NA	27.51	NA	404.03	0.00	404.03
	03/17/05	431.54	NA	29.09	NA	402.45	0.00	402.45
	04/12/05	431.54	NA	29.73	NA	401.81	0.00	401.81
	05/11/05	431.42	NA	29.69	NA	401.73	0.00	401.73
MP-66 A	01/19/05	430.81	NA	DRY	NA	--	0.00	--
	02/23/05	430.81	NA	DRY	NA	--	0.00	--
	03/17/05	430.81	NA	DRY	NA	--	0.00	--
	04/12/05	430.81	NA	DRY	NA	--	0.00	--
	05/11/05	430.81	NA	DRY	NA	--	0.00	--
MP-66 B	01/19/05	430.82	NA	DRY	NA	--	0.00	--
	02/23/05	430.82	NA	24.57	NA	406.25	0.00	406.25
	03/17/05	430.82	NA	24.66	NA	406.16	0.00	406.16
	04/12/05	430.82	NA	25.08	NA	405.74	0.00	405.74
	05/11/05	430.82	NA	25.09	NA	405.73	0.00	405.73
MP-66 C	01/19/05	430.79	NA	28.10	NA	402.69	0.00	402.69
	02/23/05	430.79	NA	27.02	NA	403.77	0.00	403.77
	03/17/05	430.79	NA	27.86	NA	402.93	0.00	402.93
	04/12/05	430.79	NA	28.80	NA	401.99	0.00	401.99
	05/11/05	430.79	NA	28.55	NA	402.24	0.00	402.24

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-67 A	01/19/05	430.29	NA	9.74	NA	420.55	0.00	420.55
	02/23/05	430.29	NA	9.67	NA	420.62	0.00	420.62
	03/17/05	430.29	NA	9.66	NA	420.63	0.00	420.63
	04/12/05	430.29	NA	9.71	NA	420.58	0.00	420.58
	05/11/05	430.29	NA	9.74	NA	420.55	0.00	420.55
MP-67 B	01/19/05	430.31	NA	25.28	NA	405.03	0.00	405.03
	02/23/05	430.31	NA	DRY	NA	--	0.00	--
	03/17/05	430.31	NA	DRY	NA	--	0.00	--
	04/12/05	430.31	NA	DRY	NA	--	0.00	--
	05/11/05	430.31	NA	DRY	NA	--	0.00	--
MP-67 C	01/19/05	430.19	NA	27.66	NA	402.53	0.00	402.53
	02/23/05	430.19	NA	27.06	NA	403.13	0.00	403.13
	03/17/05	430.19	NA	28.16	NA	402.03	0.00	402.03
	04/12/05	430.19	NA	29.04	NA	401.15	0.00	401.15
	05/11/05	430.19	NA	28.87	NA	401.32	0.00	401.32
MP-68 A	01/19/05	431.36	NA	DRY	NA	--	0.00	--
	02/24/05	431.36	NA	DRY	NA	--	0.00	--
	03/17/05	431.36	NA	DRY	NA	--	0.00	--
	04/13/05	431.36	NA	DRY	NA	--	0.00	--
	05/11/05	431.36	NA	DRY	NA	--	0.00	--
MP-69 A	01/19/05	431.57	NA	DRY	NA	--	0.00	--
	02/24/05	431.57	NA	DRY	NA	--	0.00	--
	03/17/05	431.57	NA	DRY	NA	--	0.00	--
	04/13/05	431.57	NA	DRY	NA	--	0.00	--
	05/11/05	431.57	NA	DRY	NA	--	0.00	--
MP-70 A	01/19/05	431.00	NA	15.85	NA	415.15	0.00	415.15
	02/24/05	431.00	NA	15.79	NA	415.21	0.00	415.21
	03/17/05	431.00	NA	DRY	NA	--	0.00	--
	04/13/05	431.00	NA	15.88	NA	415.12	0.00	415.12

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-70 A	05/11/05	431.00	--	--	--	--	--	--
MP-71 A	01/19/05	430.14	NA	14.59	NA	415.55	0.00	415.55
	02/24/05	430.14	NA	14.60	NA	415.54	0.00	415.54
	03/17/05	430.14	NA	DRY	NA	--	0.00	--
	04/13/05	430.14	NA	DRY	NA	--	0.00	--
	05/11/05	430.14	NA	DRY	NA	--	0.00	--
MP-72 A	01/19/05	430.51	NA	15.67	NA	414.84	0.00	414.84
	02/24/05	430.51	NA	15.69	NA	414.82	0.00	414.82
	03/17/05	430.51	NA	DRY	NA	--	0.00	--
	04/13/05	430.51	NA	DRY	NA	--	0.00	--
	05/11/05	430.51	NA	DRY	NA	--	0.00	--
MP-73 A	01/19/05	430.96	NA	16.47	NA	414.49	0.00	414.49
	02/24/05	430.96	NA	16.30	NA	414.66	0.00	414.66
	03/17/05	430.96	NA	16.42	NA	414.54	0.00	414.54
	04/13/05	430.96	NA	16.53	NA	414.43	0.00	414.43
	05/11/05	430.96	NA	16.62	NA	414.34	0.00	414.34
MP-74 A	01/19/05	431.38	NA	17.44	NA	413.94	0.00	413.94
	02/24/05	431.38	NA	17.26	NA	414.12	0.00	414.12
	03/17/05	431.38	NA	17.48	NA	413.90	0.00	413.90
	04/13/05	431.38	NA	17.30	NA	414.08	0.00	414.08
	05/11/05	431.38	NA	17.34	NA	414.04	0.00	414.04
MP-75 A	01/19/05	430.66	NA	16.34	NA	414.32	0.00	414.32
	02/24/05	430.66	NA	17.61	NA	413.05	0.00	413.05
	03/17/05	430.66	NA	17.90	NA	412.76	0.00	412.76
	04/13/05	430.66	NA	17.98	NA	412.68	0.00	412.68
	05/11/05	430.66	NA	DRY	NA	--	0.00	--
MP-76 A	01/19/05	430.75	NA	16.83	NA	413.92	0.00	413.92
	02/24/05	430.75	NA	17.20	NA	413.55	0.00	413.55

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MP-76 A	03/17/05	430.75	NA	DRY	NA	--	0.00	--
	04/13/05	430.75	NA	17.33	NA	413.42	0.00	413.42
	05/11/05	430.75	NA	DRY	NA	--	0.00	--
MP-77A	05/11/05	430.53	NA	DRY	NA	--	0.00	--
MP-77B	05/11/05	430.62	NA	DRY	NA	--	0.00	--
MP-77C	05/11/05	430.64	NA	30.31	NA	400.33	0.00	400.33
MP-78A	05/11/05	--	NA	DRY	NA	--	0.00	--
MP-78B	05/11/05	--	NA	DRY	NA	--	0.00	--
MP-78C	05/11/05	--	NA	23.86	NA	--	0.00	--
MP-78D	05/11/05	--	NA	31.90	NA	--	0.00	--
MP-79A	05/11/05	--	NA	DRY	NA	--	0.00	--
MP-79B	05/11/05	--	NA	25.57	NA	--	0.00	--
MP-79C	05/11/05	--	NA	30.15	NA	--	0.00	--
MP-79D	05/11/05	--	NA	30.69	NA	--	0.00	--
MP-80A	05/11/05	--	NA	18.67	NA	--	0.00	--
MP-80B	05/11/05	--	NA	25.86	NA	--	0.00	--
MP-80C	05/11/05	--	NA	31.00	NA	--	0.00	--
MP-81A	05/12/05	425.57	NA	DRY	NA	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MP-81B	05/12/05	425.53	NA	DRY	NA	--	0.00	--
MP-81C	05/12/05	425.40	NA	25.12	NA	400.28	0.00	400.28
MP-82A	05/12/05	431.67	NA	DRY	NA	--	0.00	--
MP-82B	05/12/05	431.67	NA	DRY	NA	--	0.00	--
MP-82C	05/12/05	431.61	NA	31.19	NA	400.42	0.00	400.42
MP-83A	05/11/05	--	NA	13.98	NA	--	0.00	--
MP-83B	05/11/05	--	NA	23.42	NA	--	0.00	--
MP-83C	05/11/05	--	NA	28.16	NA	--	0.00	--
MP-84A	05/12/05	--	NA	DRY	NA	--	0.00	--
MP-84B	05/12/05	--	NA	25.44	NA	--	0.00	--
MP-84C	05/12/05	--	NA	32.09	NA	--	0.00	--
MP-85A	05/12/05	--	NA	DRY	NA	--	0.00	--
MP-85B	05/12/05	--	NA	12.82	NA	--	0.00	--
MP-85C	05/12/05	--	NA	29.24	NA	--	0.00	--
MP-85D	05/12/05	--	NA	28.53	NA	--	0.00	--
MP-86A	05/12/05	--	NA	DRY	NA	--	0.00	--
MP-86B	05/12/05	--	NA	DRY	NA	--	0.00	--

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MP-86C	05/12/05	--	NA	30.94	NA	--	0.00	--
MP-87A	05/12/05	432.01	NA	DRY	NA	--	0.00	--
MP-87B	05/12/05	432.01	NA	DRY	NA	--	0.00	--
MP-87C	05/12/05	432.08	31.67	32.62	400.41	399.46	0.95	400.19

NOTES:

NA = Not Applicable
-- = No data
* = Well contains product recovery pump
** = Depth to water anomaly
*** = Well contains air monitoring equipment
SG = Specific gravity of hydrocarbon determined to be an average of 0.77 in Hartford for data recorded during and after 09/03.
(T xx/xx/xxxx) = Date transducer installed in well, however, data may be from transducer or manual gauging.
[1] Piezometric surface elevation = [(A)-(C)]+S.G.[(C)-(B)]
[2] HB-07 is obstructed at approximately 9 ft below top of casing (TOC); HB-27 is obstructed at approximately 14 ft below TOC.
[3] Located on private property. Access requires permission of owner; therefore, data may not be available for all gauging events.
[4] MiniTROLL (automatic well gauging probe) installed in HMW-27, however, data may be from miniTROLL or manual gauging.
MP-5 through 28 installed as vacuum monitoring probes by Clayton in 7/03 and are not appropriate for determining groundwater flow.
HMW-25 through HMW-29 installed by Clayton in 12/03.
HMW-30 through 33 and RW-4, RW-4A and RW-5 installed as pilot test wells by Clayton in Spring 2004 and are not appropriate for determining groundwater flow.
Remaining HMW-series and MP-series installed by Clayton during 2004 and 2005.
Remaining wells installed by others.
TOC elevations surveyed to USGS datum by CMT.

Clayton
GROUP SERVICES

APPENDIX A-2

2004/2005 GROUNDWATER ELEVATIONS/ APPARENT PRODUCT THICKNESS – WELLS OUTSIDE OF HARTFORD, ILLINOIS

Clayton GROUP SERVICES

2004 GROUNDWATER ELEVATIONS/APPARENT PRODUCT THICKNESS

APPENDIX A-2
2004 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
P-47	01/27/04	428.20	NA	33.53	NA	394.67	0.00	394.67
	04/20/04	428.20	NA	31.90	NA	396.30	0.00	396.30
P-51	01/27/04	426.62	NA	32.25	NA	394.37	0.00	394.37
	04/20/04	426.62	NA	30.57	NA	396.05	0.00	396.05
P-76	01/28/04	433.28	NA	34.54	NA	398.74	0.00	398.74
	04/22/04	433.28	NA	30.24	NA	403.04	0.00	403.04
	07/13/04	433.28	NA	25.57	NA	407.71	0.00	407.71
	10/18/04	433.28	NA	30.88	NA	402.40	0.00	402.40
	11/16/04	433.28	--	--	--	--	--	--
	12/06/04	433.28	--	--	--	--	--	--
P-77	01/28/04	434.57	NA	37.61	NA	396.96	0.00	396.96
	04/22/04	434.57	NA	35.83	NA	398.74	0.00	398.74
	07/13/04	434.57	NA	33.00	NA	401.57	0.00	401.57
	10/18/04	434.57	NA	36.15	NA	398.42	0.00	398.42
	11/16/04	434.57	NA	35.91	NA	398.66	0.00	398.66
	12/06/04	434.57	NA	35.47	NA	399.10	0.00	399.10
P-78	01/28/04	433.29	NA	36.08	NA	397.21	0.00	397.21
	04/22/04	433.29	NA	34.24	NA	399.05	0.00	399.05
	07/13/04	433.29	NA	31.75	NA	401.54	0.00	401.54
	10/18/04	433.29	NA	34.85	NA	398.44	0.00	398.44
	11/16/04	433.29	NA	34.56	NA	398.73	0.00	398.73
	12/06/04	433.29	NA	34.05	NA	399.24	0.00	399.24
P-79	01/28/04	432.65	NA	35.44	NA	397.21	0.00	397.21
	04/22/04	432.65	NA	33.69	NA	398.96	0.00	398.96
	07/13/04	432.65	--	--	--	--	--	--
	10/18/04	432.65	NA	34.02	NA	398.63	0.00	398.63
	11/16/04	432.65	NA	33.80	NA	398.85	0.00	398.85

APPENDIX A-2
2004 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
P-79	12/06/04	432.65	NA	33.36	NA	399.29	0.00	399.29
P-80	01/28/04	433.04	NA	35.32	NA	397.72	0.00	397.72
	04/22/04	433.04	NA	33.59	NA	399.45	0.00	399.45
	07/13/04	433.04	NA	30.82	NA	402.22	0.00	402.22
	10/18/04	433.04	NA	34.06	NA	398.98	0.00	398.98
	11/16/04	433.04	--	--	--	--	--	--
	12/06/04	433.04	--	--	--	--	--	--
P-81	01/28/04	433.20	NA	34.22	NA	398.98	0.00	398.98
	04/22/04	433.20	NA	32.42	NA	400.78	0.00	400.78
	07/13/04	433.20	NA	29.58	NA	403.62	0.00	403.62
	10/18/04	433.20	30.19	30.52	403.01	402.68	0.33	402.92
	11/16/04	433.20	33.25	33.60	399.95	399.60	0.35	399.86
	12/06/04	433.20	NA	32.91	NA	400.29	0.00	400.29
P-104	01/28/04	432.67	NA	14.51	NA	418.16	0.00	418.16
	04/22/04	432.67	NA	13.68	NA	418.99	0.00	418.99
	07/13/04	432.67	NA	11.99	NA	420.68	0.00	420.68
	10/18/04	432.67	NA	17.67	NA	415.00	0.00	415.00
	11/16/04	432.67	--	--	--	--	--	--
	12/06/04	432.67	--	--	--	--	--	--
P-105	01/28/04	432.54	NA	31.24	NA	401.30	0.00	401.30
	04/22/04	432.54	NA	30.23	NA	402.31	0.00	402.31
	07/13/04	432.54	NA	27.65	NA	404.89	0.00	404.89
	**10/18/2004	432.54	NA	30.73	NA	401.81	0.00	401.81
	11/16/04	432.54	NA	30.75	NA	401.79	0.00	401.79
	12/06/04	432.54	NA	32.45	NA	400.09	0.00	400.09
P-106	01/28/04	432.64	NA	35.31	NA	397.33	0.00	397.33
	04/22/04	432.64	NA	33.44	NA	399.20	0.00	399.20

APPENDIX A-2
2004 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
P-106	07/13/04	432.64	NA	30.55	NA	402.09	0.00	402.09
	10/18/04	432.64	NA	33.95	NA	398.69	0.00	398.69
	11/16/04	432.64	NA	33.71	NA	398.93	0.00	398.93
	12/06/04	432.64	NA	33.24	NA	399.4	0.00	399.40
P-107	01/28/04	431.83	NA	29.12	NA	402.71	0.00	402.71
	04/22/04	431.83	NA	27.82	NA	404.01	0.00	404.01
	07/13/04	431.83	NA	24.47	NA	407.36	0.00	407.36
	10/18/04	431.83	NA	29.71	NA	402.12	0.00	402.12
	11/16/04	431.83	NA	29.35	NA	402.48	0.00	402.48
	12/06/04	431.83	NA	27.67	NA	404.16	0.00	404.16
P-129	01/28/04	433.23	NA	34.32	NA	398.91	0.00	398.91
	07/13/04	433.23	--	--	--	--	--	--
	10/18/04	433.23	--	--	--	--	--	--
	11/16/04	433.23	--	--	--	--	--	--
	12/06/04	433.23	--	--	--	--	--	--
P-130	01/28/04	431.67	--	--	--	--	--	--
	07/13/04	431.67	NA	11.3	NA	420.37	0.00	420.37
	10/18/04	431.67	--	--	--	--	--	--
	11/16/04	431.67	--	--	--	--	--	--
	12/06/04	431.67	--	--	--	--	--	--
P-131	01/28/04	432.54	NA	11.38	NA	421.16	0.00	421.16
	04/22/04	432.54	NA	12.69	NA	419.85	0.00	419.85
	07/13/04	432.54	NA	10.01	NA	422.53	0.00	422.53
	10/18/04	432.54	NA	18.57	NA	413.97	0.00	413.97
	11/16/04	432.54	--	--	--	--	--	--
	12/06/04	432.54	--	--	--	--	--	--

APPENDIX A-2
2004 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
P-132	01/28/04	432.08	NA	28.53	NA	403.55	0.00	403.55
	04/22/04	432.08	NA	27.57	NA	404.51	0.00	404.51
	07/13/04	432.08	NA	23.95	NA	408.13	0.00	408.13
	10/18/04	432.08	NA	29.66	NA	402.42	0.00	402.42
	11/16/04	432.08	--	--	--	--	--	--
	12/06/04	432.08	--	--	--	--	--	--
P-133	01/28/04	430.94	NA	13.57	NA	417.37	0.00	417.37
	04/22/04	430.94	NA	18.18	NA	412.76	0.00	412.76
	07/13/04	430.94	NA	13.95	NA	416.99	0.00	416.99
	10/18/04	430.94	NA	21.88	NA	409.06	0.00	409.06
	11/16/04	430.94	--	--	--	--	--	--
	12/06/04	430.94	--	--	--	--	--	--
P-134	01/28/04	432.46	NA	11.86	NA	420.60	0.00	420.60
	04/22/04	432.46	NA	12.63	NA	419.83	0.00	419.83
	07/13/04	432.46	NA	10.62	NA	421.84	0.00	421.84
	10/18/04	432.46	NA	17.55	NA	414.91	0.00	414.91
	11/16/04	432.46	--	--	--	--	--	--
	12/06/04	432.46	--	--	--	--	--	--
SP-1	01/28/04	429.00	--	--	--	--	--	--
	04/22/04	429.00	NA	10.53	NA	418.47	0.00	418.47
	07/13/04	429.00	NA	7.41	NA	421.59	0.00	421.59
	10/18/04	429.00	NA	13.80	NA	415.20	0.00	415.20
	11/16/04	429.00	--	--	--	--	--	--
	12/06/04	429.00	--	--	--	--	--	--
SP-2B	01/28/04	429.10	NA	26.66	NA	402.44	0.00	402.44
	04/22/04	429.10	NA	25.76	NA	403.34	0.00	403.34
	07/13/04	429.10	NA	21.58	NA	407.52	0.00	407.52
	10/18/04	429.10	NA	27.52	NA	401.58	0.00	401.58

APPENDIX A-2
2004 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-2B	11/16/04	429.10	NA	26.36	NA	402.74	0.00	402.74
	12/06/04	429.10	NA	24.36	NA	404.74	0.00	404.74
SP-3	01/28/04	--	NA	9.91	--	--	0.00	--
	04/22/04	--	NA	12.87	--	--	0.00	--
	07/13/04	--	NA	10.23	--	--	0.00	--
	10/18/04	--	NA	15.73	--	--	0.00	--
	11/16/04	--	--	--	--	--	--	--
	12/06/04	--	--	--	--	--	--	--
SP-5	01/28/04	431.22	NA	10.01	NA	421.21	0.00	421.21
	04/22/04	431.22	NA	12.66	NA	418.56	0.00	418.56
	07/13/04	431.22	NA	8.59	NA	422.63	0.00	422.63
	10/18/04	431.22	NA	17.40	NA	413.82	0.00	413.82
	11/16/04	431.22	NA	11.83	NA	419.39	0.00	419.39
	12/06/04	431.22	NA	9.08	NA	422.14	0.00	422.14
SP-6	01/28/04	433.03	NA	10.56	NA	422.47	0.00	422.47
	04/22/04	433.03	NA	12.62	NA	420.41	0.00	420.41
	07/13/04	433.03	NA	10.54	NA	422.49	0.00	422.49
	10/18/04	433.03	NA	16.84	NA	416.19	0.00	416.19
	11/16/04	433.03	NA	11.68	NA	421.35	0.00	421.35
	12/06/04	433.03	NA	9.92	NA	423.11	0.00	423.11
SP-7	01/28/04	428.99	NA	8.47	NA	420.52	0.00	420.52
	04/22/04	428.99	NA	10.16	NA	418.83	0.00	418.83
	07/13/04	428.99	NA	7.00	NA	421.99	0.00	421.99
	10/18/04	428.99	NA	14.53	NA	414.46	0.00	414.46
	11/16/04	428.99	--	--	--	--	--	--
	12/06/04	428.99	--	--	--	--	--	--

APPENDIX A-2
2004 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-8	01/28/04	429.03	NA	8.28	NA	420.75	0.00	420.75
	04/22/04	429.03	NA	9.52	NA	419.51	0.00	419.51
	07/13/04	429.03	NA	6.8	NA	422.23	0.00	422.23
	10/18/04	429.03	NA	13.97	NA	415.06	0.00	415.06
	11/16/04	429.03	--	--	--	--	--	--
	12/06/04	429.03	--	--	--	--	--	--
SP-9	01/28/04	432.62	NA	10.62	NA	422.00	0.00	422.00
	04/22/04	432.62	NA	11.88	NA	420.74	0.00	420.74
	07/13/04	432.62	NA	9.95	NA	422.67	0.00	422.67
	10/18/04	432.62	NA	16.74	NA	415.88	0.00	415.88
	11/16/04	432.62	NA	12.15	NA	420.47	0.00	420.47
	12/06/04	432.62	NA	9.94	NA	422.68	0.00	422.68
SP-10	01/28/04	432.59	NA	10.75	NA	421.84	0.00	421.84
	04/22/04	432.59	NA	11.56	NA	421.03	0.00	421.03
	07/13/04	432.59	NA	9.40	NA	423.19	0.00	423.19
	**10/18/2004	432.59	NA	16.80	NA	415.79	0.00	415.79
	11/16/04	432.59	NA	12.27	NA	420.32	0.00	420.32
	12/06/04	432.59	NA	9.67	NA	422.92	0.00	422.92
SP-11	01/28/04	432.41	NA	10.27	NA	422.14	0.00	422.14
	04/22/04	432.41	NA	12.58	NA	419.83	0.00	419.83
	07/13/04	432.41	NA	10.27	NA	422.14	0.00	422.14
	10/18/04	432.41	NA	15.22	NA	417.19	0.00	417.19
	11/16/04	432.41	NA	11.49	NA	420.92	0.00	420.92
	12/06/04	432.41	NA	9.91	NA	422.50	0.00	422.50
SP-12	01/28/04	432.35	NA	29.61	NA	402.74	0.00	402.74
	04/22/04	432.35	NA	28.68	NA	403.67	0.00	403.67
	07/13/04	432.35	NA	24.76	NA	407.59	0.00	407.59
	10/18/04	432.35	NA	30.52	NA	401.83	0.00	401.83

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
SP-12	11/16/04	432.35	--	--	--	--	--	--
	12/06/04	432.35	--	--	--	--	--	--
SP-13	01/28/04	432.48	NA	33.82	NA	398.66	0.00	398.66
	04/22/04	432.48	NA	33.16	NA	399.32	0.00	399.32
	07/13/04	432.48	NA	30.13	NA	402.35	0.00	402.35
	10/18/04	432.48	NA	33.97	NA	398.51	0.00	398.51
	11/16/04	432.48	--	--	--	--	--	--
	12/06/04	432.48	--	--	--	--	--	--
SP-14	01/28/04	428.92	NA	28.51	NA	400.41	0.00	400.41
	04/22/04	428.92	NA	27.02	NA	401.90	0.00	401.90
	07/13/04	428.92	--	--	--	--	--	--
	10/18/04	428.92	NA	28.45	NA	400.47	0.00	400.47
	11/16/04	428.92	--	--	--	--	--	--
	12/06/04	428.92	--	--	--	--	--	--
SP-15	01/28/04	428.69	NA	9.18	NA	419.51	0.00	419.51
	04/22/04	428.69	NA	10.87	NA	417.82	0.00	417.82
	07/13/04	428.69	NA	7.01	NA	421.68	0.00	421.68
	10/18/04	428.69	NA	15.50	NA	413.19	0.00	413.19
	11/16/04	428.69	--	--	--	--	--	--
	12/06/04	428.69	--	--	--	--	--	--
SP-16	01/28/04	429.38	NA	8.91	NA	420.47	0.00	420.47
	04/22/04	429.38	NA	11.24	NA	418.14	0.00	418.14
	07/13/04	429.38	NA	7.50	NA	421.88	0.00	421.88
	10/18/04	429.38	NA	15.86	NA	413.52	0.00	413.52
	11/16/04	429.38	--	--	--	--	--	--
	12/06/04	429.38	--	--	--	--	--	--

APPENDIX A-2
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SP-17	01/28/04	428.19	NA	9.06	NA	419.13	0.00	419.13
	04/22/04	428.19	NA	9.72	NA	418.47	0.00	418.47
	07/13/04	428.19	NA	6.43	NA	421.76	0.00	421.76
	10/18/04	428.19	NA	15.14	NA	413.05	0.00	413.05
	11/16/04	428.19	--	--	--	--	--	--
	12/06/04	428.19	--	--	--	--	--	--
SP-18	01/28/04	431.07	NA	31.43	NA	399.64	0.00	399.64
	04/22/04	431.07	NA	30.27	NA	400.80	0.00	400.80
	07/13/04	431.07	NA	26.53	NA	404.54	0.00	404.54
	10/18/04	431.07	NA	31.16	NA	399.91	0.00	399.91
	11/16/04	431.07	--	--	--	--	--	--
	12/06/04	431.07	--	--	--	--	--	--
SP-19	01/28/04	430.89	NA	13.95	NA	416.94	0.00	416.94
	04/22/04	430.89	NA	15.8	NA	415.09	0.00	415.09
	07/13/04	430.89	NA	10.7	NA	420.19	0.00	420.19
	10/18/04	430.89	NA	20.4	NA	410.49	0.00	410.49
	**11/16/2004	430.89	NA	14.38	NA	416.51	0.00	416.51
	12/06/04	430.89	NA	12.14	NA	418.75	0.00	418.75
SP-20	01/28/04	431.10	NA	12.42	NA	418.68	0.00	418.68
	04/22/04	431.10	NA	15.32	NA	415.78	0.00	415.78
	07/13/04	431.10	NA	9.79	NA	421.31	0.00	421.31
	10/18/04	431.10	NA	19.71	NA	411.39	0.00	411.39
	11/16/04	431.10	NA	10.48	NA	420.62	0.00	420.62
	12/06/04	431.10	NA	8.90	NA	422.20	0.00	422.20
SP-21	01/28/04	431.65	NA	14.38	NA	417.27	0.00	417.27
	04/22/04	431.65	NA	17.22	NA	414.43	0.00	414.43
	07/13/04	431.65	NA	10.86	NA	420.79	0.00	420.79
	10/18/04	431.65	NA	21.79	NA	409.86	0.00	409.86

APPENDIX A-2
2004 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-21	11/16/04	431.65	NA	12.52	NA	419.13	0.00	419.13
	12/06/04	431.65	NA	10.79	NA	420.86	0.00	420.86
SP-22	01/28/04	430.36	NA	9.98	NA	420.38	0.00	420.38
	04/22/04	430.36	NA	12.38	NA	417.98	0.00	417.98
	07/13/04	430.36	NA	8.31	NA	422.05	0.00	422.05
	10/18/04	430.36	NA	16.84	NA	413.52	0.00	413.52
	11/16/04	430.36	NA	10.78	NA	419.58	0.00	419.58
	12/06/04	430.36	NA	8.29	NA	422.07	0.00	422.07
SP-23	01/28/04	430.67	NA	10.19	NA	420.48	0.00	420.48
	04/22/04	430.67	NA	13.24	NA	417.43	0.00	417.43
	07/13/04	430.67	NA	8.68	NA	421.99	0.00	421.99
	10/18/04	430.67	NA	18.02	NA	412.65	0.00	412.65
	11/16/04	430.67	NA	10.96	NA	419.71	0.00	419.71
	12/06/04	430.67	NA	8.02	NA	422.65	0.00	422.65
SP-24	01/28/04	428.86	NA	8.29	NA	420.57	0.00	420.57
	04/22/04	428.86	NA	9.98	NA	418.88	0.00	418.88
	07/13/04	428.86	NA	23.03	NA	405.83	0.00	405.83
	10/18/04	428.86	NA	14.41	NA	414.45	0.00	414.45
	11/16/04	428.86	--	--	--	--	--	--
	12/06/04	428.86	--	--	--	--	--	--
SP-25	01/28/04	428.61	NA	8.13	NA	420.48	0.00	420.48
	04/22/04	428.61	NA	10.14	NA	418.47	0.00	418.47
	07/13/04	428.61	NA	6.62	NA	421.99	0.00	421.99
	10/18/04	428.61	NA	14.37	NA	414.24	0.00	414.24
	11/16/04	428.61	NA	9.83	NA	418.78	0.00	418.78
	12/06/04	428.61	NA	7.31	NA	421.30	0.00	421.30

APPENDIX A-2
2004 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
SP-26	01/28/04	429.84	NA	9.41	NA	420.43	0.00	420.43
	04/22/04	429.84	NA	11.13	NA	418.71	0.00	418.71
	07/13/04	429.84	NA	7.89	NA	421.95	0.00	421.95
	10/18/04	429.84	NA	15.50	NA	414.34	0.00	414.34
	11/16/04	429.84	--	--	--	--	--	--
	12/06/04	429.84	--	--	--	--	--	--
SP-27	01/28/04	431.90	NA	11.28	NA	420.62	0.00	420.62
	04/22/04	431.90	NA	13.50	NA	418.40	0.00	418.40
	07/13/04	431.90	NA	10.38	NA	421.52	0.00	421.52
	10/18/04	431.90	NA	17.65	NA	414.25	0.00	414.25
	11/16/04	431.90	NA	13.45	NA	418.45	0.00	418.45
	12/06/04	431.90	NA	10.91	NA	420.99	0.00	420.99
SP-28	01/28/04	432.19	NA	10.63	NA	421.56	0.00	421.56
	04/22/04	432.19	NA	13.65	NA	418.54	0.00	418.54
	**7/13/04	432.19	NA	11.31	NA	420.88	0.00	420.88
	10/18/04	432.19	NA	16.63	NA	415.56	0.00	415.56
	11/16/04	432.19	NA	12.33	NA	419.86	0.00	419.86
	12/06/04	432.19	NA	10.56	NA	421.63	0.00	421.63
SP-29	01/28/04	431.78	NA	11.16	NA	420.62	0.00	420.62
	04/22/04	431.78	NA	12.44	NA	419.34	0.00	419.34
	07/13/04	431.78	NA	9.58	NA	422.20	0.00	422.20
	10/18/04	431.78	NA	16.88	NA	414.90	0.00	414.90
	11/16/04	431.78	NA	12.56	NA	419.22	0.00	419.22
	12/06/04	431.78	NA	10.41	NA	421.37	0.00	421.37
SP-30	01/28/04	431.83	12.05	12.06	419.78	419.77	0.01	419.78
	04/22/04	431.83	NA	14.34	NA	417.49	0.00	417.49
	0713/04	431.83	10.28	10.32	421.55	421.51	0.04	421.54
	10/18/04	431.83	NA	19.15	NA	412.68	0.00	412.68

APPENDIX A-2
2004 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-30	11/16/04	431.83	--	--	--	--	--	--
	12/06/04	431.83	--	--	--	--	--	--
SP-31	01/28/04	429.77	NA	10.19	NA	419.58	0.00	419.58
	04/22/04	429.77	NA	11.22	NA	418.55	0.00	418.55
	07/13/04	429.77	NA	7.85	NA	421.92	0.00	421.92
	10/18/04	429.77	NA	16.13	NA	413.64	0.00	413.64
	11/16/04	429.77	NA	11.61	NA	418.16	0.00	418.16
	12/06/04	429.77	NA	9.16	NA	420.61	0.00	420.61
SP-32	01/28/04	430.42	NA	10.84	NA	419.58	0.00	419.58
	04/22/04	430.42	NA	12.43	NA	417.99	0.00	417.99
	07/13/04	430.42	NA	8.67	NA	421.75	0.00	421.75
	10/18/04	430.42	NA	17.18	NA	413.24	0.00	413.24
	11/16/04	430.42	NA	12.13	NA	418.29	0.00	418.29
	12/06/04	430.42	NA	9.63	NA	420.79	0.00	420.79
SP-33	01/28/04	430.95	NA	10.52	NA	420.43	0.00	420.43
	04/22/04	430.95	NA	12.85	NA	418.10	0.00	418.10
	07/13/04	430.95	NA	9.16	NA	421.79	0.00	421.79
	10/18/04	430.95	NA	17.43	NA	413.52	0.00	413.52
	11/16/04	430.95	NA	12.46	NA	418.49	0.00	418.49
	12/06/04	430.95	NA	9.66	NA	421.29	0.00	421.29
SP-34	01/28/04	430.12	NA	10.95	NA	419.17	0.00	419.17
	04/22/04	430.12	NA	11.46	NA	418.66	0.00	418.66
	07/13/04	430.12	NA	8.30	NA	421.82	0.00	421.82
	10/18/04	430.12	NA	16.93	NA	413.19	0.00	413.19
	11/16/04	430.12	NA	12.31	NA	417.81	0.00	417.81
	12/06/04	430.12	NA	9.85	NA	420.27	0.00	420.27

APPENDIX A-2
2004 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
SP-35	01/28/04	431.13	NA	10.70	NA	420.43	0.00	420.43
	04/22/04	431.13	NA	12.42	NA	418.71	0.00	418.71
	07/13/04	431.13	NA	9.16	NA	421.97	0.00	421.97
	10/18/04	431.13	NA	16.80	NA	414.33	0.00	414.33
	11/16/04	431.13	NA	12.37	NA	418.76	0.00	418.76
	12/06/04	431.13	NA	9.86	NA	421.27	0.00	421.27
SP-36	01/28/04	429.41	NA	32.50	NA	396.91	0.00	396.91
	04/22/04	429.41	NA	31.02	NA	398.39	0.00	398.39
	07/13/04	429.41	NA	28.19	NA	401.22	0.00	401.22
	10/18/04	429.41	NA	31.00	NA	398.41	0.00	398.41
	11/16/04	429.41	NA	30.90	NA	398.51	0.00	398.51
	12/06/04	429.41	NA	30.47	NA	398.94	0.00	398.94
SP-37	01/28/04	429.58	NA	24.12	NA	405.46	0.00	405.46
	04/22/04	429.58	NA	25.61	NA	403.97	0.00	403.97
	07/13/04	429.58	NA	19.26	NA	410.32	0.00	410.32
	10/18/04	429.58	NA	28.02	NA	401.56	0.00	401.56
	11/16/04	429.58	NA	24.95	NA	404.63	0.00	404.63
	12/06/04	429.58	NA	20.73	NA	408.85	0.00	408.85
SP-38	01/28/04	430.84	NA	19.38	NA	411.46	0.00	411.46
	04/22/04	430.84	NA	19.96	NA	410.88	0.00	410.88
	07/13/04	430.84	NA	15.47	NA	415.37	0.00	415.37
	10/18/04	430.84	NA	DRY	NA	430.84	0.00	430.84
SP-39	01/28/04	431.92	NA	11.88	NA	420.04	0.00	420.04
	04/22/04	431.92	NA	16.19	NA	415.73	0.00	415.73
	07/13/04	431.92	NA	9.64	NA	422.28	0.00	422.28
	10/18/04	431.92	NA	21.00	NA	410.92	0.00	410.92
	11/16/04	431.92	NA	13.13	NA	418.79	0.00	418.79

APPENDIX A-2
2004 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-39	12/06/04	431.92	NA	9.36	NA	422.56	0.00	422.56
SP-40	01/28/04	431.78	NA	28.60	NA	403.18	0.00	403.18
	04/22/04	431.78	NA	28.80	NA	402.98	0.00	402.98
	07/13/04	431.78	NA	23.53	NA	408.25	0.00	408.25
	10/18/04	431.78	NA	31.64	NA	400.14	0.00	400.14
	11/16/04	431.78	NA	28.68	NA	403.10	0.00	403.10
	12/06/04	431.78	NA	26.35	NA	405.43	0.00	405.43
SP-41	01/28/04	431.45	NA	35.33	NA	396.12	0.00	396.12
	04/22/04	431.45	NA	33.97	NA	397.48	0.00	397.48
	07/13/04	431.45	NA	30.60	NA	400.85	0.00	400.85
	10/18/04	431.45	NA	34.03	NA	397.42	0.00	397.42
	11/16/04	431.45	NA	33.62	NA	397.83	0.00	397.83
	12/06/04	431.45	NA	33.03	NA	398.42	0.00	398.42
SP-42	01/28/04	431.71	NA	35.42	NA	396.29	0.00	396.29
	04/22/04	431.71	NA	33.87	NA	397.84	0.00	397.84
	07/13/04	431.71	NA	30.47	NA	401.24	0.00	401.24
	10/18/04	431.71	NA	34.15	NA	397.56	0.00	397.56
	11/16/04	431.71	NA	33.70	NA	398.01	0.00	398.01
	12/06/04	431.71	NA	33.10	NA	398.61	0.00	398.61
SP-43	01/28/04	431.74	NA	29.61	NA	402.13	0.00	402.13
	04/22/04	431.74	NA	27.72	NA	404.02	0.00	404.02
	07/13/04	431.74	NA	21.00	NA	410.74	0.00	410.74
	10/18/04	431.74	NA	30.86	NA	400.88	0.00	400.88
	11/16/04	431.74	NA	26.66	NA	405.08	0.00	405.08
	12/06/04	431.74	NA	22.91	NA	408.83	0.00	408.83
SP-44	01/28/04	431.83	NA	14.11	NA	417.72	0.00	417.72
	04/22/04	431.83	NA	17.20	NA	414.63	0.00	414.63

APPENDIX A-2
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Shell/Tannery Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-44	**7/13/04	431.83	10.38	10.61	421.45	421.22	0.23 [2]	421.39
	10/18/04	431.83	NA	DRY	NA	431.83	0.00	431.83
	12/06/04	431.83	NA	12.51	NA	431.83	0.00	431.83

NOTES:

NA = Not Applicable
-- = No data
** = Depth to water anomaly
SG = Specific gravity of hydrocarbon assumed to be 0.74 by others.
[1] Piezometric surface elevation = [(A)-(C)]+S.G.[(C)-(B)]
[2] Followup checking found that this reading was in error. There was no FPH detected in this well.
Well SP-4 no longer exists.
TOC elevations (except for SP-42, SP-43, & SP-44) have been rotated and adjusted to match USGS datum (datum used to survey Village wells). This rotation and adjustment of original survey data (obtained in 7/01 by CMT, Inc.) was completed in 1/04 by CMT.
TOC elevations for SP-42, SP-43, and SP-44 were surveyed to USGS datum in 12/03 by CMT.

Clayton
GROUP SERVICES

2005 GROUNDWATER ELEVATIONS/APPARENT PRODUCT THICKNESS

APPENDIX A-2
2005 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Property Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
P-47	01/20/05	428.20	--	--	--	--	--	--
P-51	01/20/05	426.62	--	--	--	--	--	--
P-76	01/20/05	433.28	NA	28.83	NA	404.45	0.00	404.45
	02/23/05	433.28	--	--	--	--	--	--
	04/13/05	433.28	NA	25.87	NA	407.41	0.00	407.41
P-77	01/20/05	434.57	NA	33.46	NA	401.11	0.00	401.11
	02/23/05	434.57	NA	33.29	NA	401.28	0.00	401.28
	03/17/05	434.57	NA	34.48	NA	400.09	0.00	400.09
	04/13/05	434.57	NA	34.94	NA	399.63	0.00	399.63
	05/11/05	434.57	NA	34.92	NA	399.65	0.00	399.65
P-78	01/20/05	433.29	NA	32.00	NA	401.29	0.00	401.29
	02/23/05	433.29	NA	31.82	NA	401.47	0.00	401.47
	03/17/05	433.29	NA	33.05	NA	400.24	0.00	400.24
	04/13/05	433.29	NA	33.50	NA	399.79	0.00	399.79
	05/11/05	433.29	NA	33.47	NA	399.82	0.00	399.82
P-79	01/20/05	432.65	NA	31.24	NA	401.41	0.00	401.41
	02/23/05	432.65	NA	31.07	NA	401.58	0.00	401.58
	03/17/05	432.65	NA	32.35	NA	400.30	0.00	400.30
	04/12/05	432.65	NA	32.77	NA	399.88	0.00	399.88
	05/11/05	432.65	NA	32.75	NA	399.90	0.00	399.90
P-80	01/21/05	433.04	NA	31.46	NA	401.58	0.00	401.58
	02/23/05	433.04	--	--	--	--	--	--
	03/17/05	433.04	NA	32.38	NA	400.66	0.00	400.66
	04/13/05	433.04	NA	33.10	NA	399.94	0.00	399.94
	05/11/05	433.04	NA	32.95	NA	400.09	0.00	400.09
P-81	01/21/05	433.20	27.54	27.57	405.66	405.63	0.03	405.65
	02/23/05	433.20	28.84	29.25	404.36	403.95	0.41	404.25
	03/17/05	433.20	30.80	31.34	402.40	401.86	0.54	402.26

APPENDIX A-2
2005 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Property Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
P-81	04/13/05	433.20	32.00	32.60	401.20	400.60	0.60	401.04
	05/11/05	433.20	31.95	32.48	401.25	400.72	0.53	401.11
P-104	01/20/05	432.67	NA	3.2	NA	429.47	0.00	429.47
	02/23/05	432.67	--	--	--	--	--	--
	04/13/05	432.67	NA	12.25	NA	420.42	0.00	420.42
P-105	01/20/05	432.54	NA	27.87	NA	404.67	0.00	404.67
	02/23/05	432.54	NA	28.74	NA	403.80	0.00	403.80
	03/17/05	432.54	NA	30.67	NA	401.87	0.00	401.87
	04/13/05	432.54	NA	31.72	NA	400.82	0.00	400.82
	05/11/05	432.54	NA	31.64	NA	400.90	0.00	400.90
P-106	01/20/05	432.64	NA	31.07	NA	401.57	0.00	401.57
	02/23/05	432.64	NA	30.88	NA	401.76	0.00	401.76
	03/17/05	432.64	NA	32.23	NA	400.41	0.00	400.41
	04/12/05	432.64	NA	32.70	NA	399.94	0.00	399.94
	05/11/05	432.64	NA	32.73	NA	399.91	0.00	399.91
P-107	01/20/05	431.83	NA	22.31	NA	409.52	0.00	409.52
	02/23/05	431.83	NA	23.58	NA	408.25	0.00	408.25
	03/17/05	431.83	NA	25.80	NA	406.03	0.00	406.03
	04/13/05	431.83	NA	27.05	NA	404.78	0.00	404.78
	05/11/05	431.83	NA	27.69	NA	404.14	0.00	404.14
P-129	01/20/05	433.23	--	--	--	--	--	--
	02/23/05	433.23	--	--	--	--	--	--
	03/17/05	433.23	NA	31.84	NA	401.39	0.00	401.39
	04/13/05	433.23	--	--	--	--	--	--
	05/11/05	433.23	--	--	--	--	--	--
P-130	01/20/05	431.67	--	--	--	--	--	--
	02/23/05	431.67	--	--	--	--	--	--
	04/13/05	431.67	NA	13.78	NA	417.89	0.00	417.89

APPENDIX A-2
2005 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Property Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
P-131	01/20/05	432.54	NA	4.08	NA	428.46	0.00	428.46
	02/23/05	432.54	--	--	--	--	--	--
	04/13/05	432.54	NA	11.51	NA	421.03	0.00	421.03
P-132	01/20/05	432.08	NA	22.10	NA	409.98	0.00	409.98
	02/23/05	432.08	--	--	--	--	--	--
	04/13/05	432.08	NA	26.85	NA	405.23	0.00	405.23
P-133	01/20/05	430.94	NA	9.74	NA	421.20	0.00	421.20
	02/23/05	430.94	--	--	--	--	--	--
	03/17/05	430.94	NA	15.39	NA	415.55	0.00	415.55
	04/13/05	430.94	NA	17.87	NA	413.07	0.00	413.07
	05/11/05	430.94	NA	20.52	NA	410.42	0.00	410.42
P-134	01/20/05	432.46	NA	4.83	NA	427.63	0.00	427.63
	02/23/05	432.46	--	--	--	--	--	--
	04/13/05	432.46	NA	11.29	NA	421.17	0.00	421.17
SP-1	01/20/05	429.00	NA	4.96	NA	424.04	0.00	424.04
	02/23/05	429.00	--	--	--	--	--	--
	04/13/05	429.00	NA	10.56	NA	418.44	0.00	418.44
SP-2B	01/20/05	429.10	NA	20.04	NA	409.06	0.00	409.06
	02/23/05	429.10	NA	21.73	NA	407.37	0.00	407.37
	03/17/05	429.10	NA	23.93	NA	405.17	0.00	405.17
	04/13/05	429.10	NA	25.01	NA	404.09	0.00	404.09
	05/11/05	429.10	NA	25.75	NA	403.35	0.00	403.35
SP-3	01/20/05	--	NA	7.79	--	--	0.00	--
	02/23/05	--	--	--	--	--	--	--
	04/13/05	--	NA	13.03	--	--	0.00	--
SP-5	01/20/05	431.22	NA	5.43	NA	425.79	0.00	425.79
	02/23/05	431.22	NA	8.87	NA	422.35	0.00	422.35
	03/17/05	431.22	NA	11.21	NA	420.01	0.00	420.01

APPENDIX A-2
2005 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Property Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
SP-5	04/13/05	431.22	NA	13.10	NA	418.12	0.00	418.12
	05/11/05	431.22	NA	16.15	NA	415.07	0.00	415.07
SP-6	01/20/05	433.03	NA	7.00	NA	426.03	0.00	426.03
	02/23/05	433.03	NA	9.29	NA	423.74	0.00	423.74
	03/17/05	433.03	NA	11.40	NA	421.63	0.00	421.63
	04/13/05	433.03	NA	12.57	NA	420.46	0.00	420.46
	05/11/05	433.03	NA	15.04	NA	417.99	0.00	417.99
SP-7	01/20/05	428.99	NA	4.71	NA	424.28	0.00	424.28
	02/03/05	428.99	--	--	--	--	--	--
	04/12/05	428.99	NA	9.99	NA	419.00	0.00	419.00
SP-8	01/20/05	429.03	NA	4.4	NA	424.63	0.00	424.63
	02/23/05	429.03	--	--	--	--	--	--
	04/12/05	429.03	NA	9.22	NA	419.81	0.00	419.81
SP-9	01/20/05	432.62	NA	6.27	NA	426.35	0.00	426.35
	02/23/05	432.62	NA	8.72	NA	423.90	0.00	423.90
	03/17/05	432.62	NA	10.80	NA	421.82	0.00	421.82
	04/13/05	432.62	NA	11.57	NA	421.05	0.00	421.05
	05/11/05	432.62	NA	14.24	NA	418.38	0.00	418.38
SP-10	01/20/05	432.59	NA	4.41	NA	428.18	0.00	428.18
	02/23/05	432.59	NA	6.89	NA	425.70	0.00	425.70
	03/17/05	432.59	NA	10.20	NA	422.39	0.00	422.39
	04/13/05	432.59	NA	11.25	NA	421.34	0.00	421.34
	05/11/05	432.59	NA	13.71	NA	418.88	0.00	418.88
SP-11	01/20/05	432.41	NA	5.73	NA	426.68	0.00	426.68
	02/23/05	432.41	NA	8.66	NA	423.75	0.00	423.75
	03/17/05	432.41	NA	10.95	NA	421.46	0.00	421.46
	04/13/05	432.41	NA	12.50	NA	419.91	0.00	419.91
	05/11/05	432.41	NA	14.81	NA	417.60	0.00	417.60

APPENDIX A-2
2005 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Property Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-12	01/20/05	432.35	NA	23.37	NA	408.98	0.00	408.98
	02/23/05	432.35	--	--	--	--	--	--
	04/13/05	432.35	NA	28.08	NA	404.27	0.00	404.27
SP-13	01/20/05	432.48	NA	30.19	NA	402.29	0.00	402.29
	02/23/05	432.48	--	--	--	--	--	--
	04/13/05	432.48	NA	32.40	NA	400.08	0.00	400.08
SP-14	01/20/05	428.92	NA	22.65	NA	406.27	0.00	406.27
	02/23/05	428.92	--	--	--	--	--	--
	04/12/05	428.92	NA	26.20	NA	402.72	0.00	402.72
SP-15	01/20/05	428.69	NA	5.07	NA	423.62	0.00	423.62
	02/23/05	428.69	--	--	--	--	--	--
	04/12/05	428.69	NA	10.51	NA	418.18	0.00	418.18
SP-16	01/20/05	429.38	NA	4.96	NA	424.42	0.00	424.42
	02/23/05	429.38	--	--	--	--	--	--
	04/12/05	429.38	NA	11.10	NA	418.28	0.00	418.28
SP-17	01/20/05	428.19	--	--	--	--	--	--
	02/23/05	428.19	--	--	--	--	--	--
	04/12/05	428.19	NA	9.38	NA	418.81	0.00	418.81
SP-18	01/20/05	431.07	NA	26.15	NA	404.92	0.00	404.92
	02/23/05	431.07	--	--	--	--	--	--
	04/13/05	431.07	NA	29.35	NA	401.72	0.00	401.72
SP-19	01/20/05	430.89	NA	10.49	NA	420.40	0.00	420.40
	02/23/05	430.89	NA	10.67	NA	420.22	0.00	420.22
	03/17/05	430.89	NA	14.46	NA	416.43	0.00	416.43
	04/13/05	430.89	NA	15.67	NA	415.22	0.00	415.22
	05/11/05	430.89	NA	18.69	NA	412.20	0.00	412.20

APPENDIX A-2
2005 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Property Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-20	01/20/05	431.10	NA	7.16	NA	423.94	0.00	423.94
	02/23/05	431.10	NA	8.78	NA	422.32	0.00	422.32
	03/17/05	431.10	NA	13.73	NA	417.37	0.00	417.37
	04/13/05	431.10	NA	15.03	NA	416.07	0.00	416.07
	05/11/05	431.10	NA	18.23	NA	412.87	0.00	412.87
SP-21	01/20/05	431.65	NA	8.68	NA	422.97	0.00	422.97
	02/23/05	431.65	NA	10.31	NA	421.34	0.00	421.34
	03/17/05	431.65	NA	15.23	NA	416.42	0.00	416.42
	04/13/05	431.65	NA	17.11	NA	414.54	0.00	414.54
	05/11/05	431.65	NA	20.18	NA	411.47	0.00	411.47
SP-22	01/20/05	430.36	NA	5.74	NA	424.62	0.00	424.62
	02/23/05	430.36	NA	7.52	NA	422.84	0.00	422.84
	03/17/05	430.36	NA	10.93	NA	419.43	0.00	419.43
	04/12/05	430.36	NA	12.01	NA	418.35	0.00	418.35
	05/11/05	430.36	NA	15.10	NA	415.26	0.00	415.26
SP-23	01/20/05	430.67	NA	5.47	NA	425.20	0.00	425.20
	02/23/05	430.67	NA	7.29	NA	423.38	0.00	423.38
	03/17/05	430.67	NA	11.43	NA	419.24	0.00	419.24
	04/12/05	430.67	NA	12.97	NA	417.70	0.00	417.70
	05/11/05	430.67	NA	16.40	NA	414.27	0.00	414.27
SP-24	01/20/05	428.86	NA	4.54	NA	424.32	0.00	424.32
	02/23/05	428.86	--	--	--	--	--	--
	04/12/05	428.86	NA	9.75	NA	419.11	0.00	419.11
SP-25	01/20/05	428.61	NA	4.33	NA	424.28	0.00	424.28
	02/23/05	428.61	NA	6.35	NA	422.26	0.00	422.26
	03/17/05	428.61	NA	8.80	NA	419.81	0.00	419.81
	04/12/05	428.61	NA	9.81	NA	418.80	0.00	418.80
	05/11/05	428.61	NA	12.76	NA	415.85	0.00	415.85

APPENDIX A-2
2005 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Property Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-26	01/20/05	429.84	NA	5.65	NA	424.19	0.00	424.19
	02/23/05	429.84	--	--	--	--	--	--
	04/12/05	429.84	NA	10.92	NA	418.92	0.00	418.92
SP-27	01/20/05	431.90	NA	7.9	NA	424.00	0.00	424.00
	02/23/05	431.90	NA	10.05	NA	421.85	0.00	421.85
	03/17/05	431.90	NA	12.08	NA	419.82	0.00	419.82
	04/13/05	431.90	NA	13.60	NA	418.30	0.00	418.30
	05/11/05	431.90	NA	16.33	NA	415.57	0.00	415.57
SP-28	01/20/05	432.19	NA	8.70	NA	423.49	0.00	423.49
	02/23/05	432.19	NA	11.12	NA	421.07	0.00	421.07
	03/17/05	432.19	NA	12.24	NA	419.95	0.00	419.95
	04/13/05	432.19	NA	13.87	NA	418.32	0.00	418.32
	05/11/05	432.19	NA	16.00	NA	416.19	0.00	416.19
SP-29	01/20/05	431.78	NA	7.27	NA	424.51	0.00	424.51
	02/23/05	431.78	NA	9.40	NA	422.38	0.00	422.38
	03/17/05	431.78	NA	11.21	NA	420.57	0.00	420.57
	04/12/05	431.78	NA	12.12	NA	419.66	0.00	419.66
	05/11/05	431.78	NA	15.16	NA	416.62	0.00	416.62
SP-30	01/20/05	431.83	NA	7.76	NA	424.07	0.00	424.07
	02/23/05	431.83	--	--	--	--	--	--
	04/12/05	431.83	NA	14.32	NA	417.51	0.00	417.51
SP-31	01/20/05	429.77	NA	6.05	NA	423.72	0.00	423.72
	02/23/05	429.77	NA	7.81	NA	421.96	0.00	421.96
	03/17/05	429.77	NA	10.22	NA	419.55	0.00	419.55
	04/12/05	429.77	NA	10.85	NA	418.92	0.00	418.92
	05/11/05	429.77	NA	14.28	NA	415.49	0.00	415.49
SP-32	01/20/05	430.42	NA	6.76	NA	423.66	0.00	423.66
	02/23/05	430.42	NA	5.43	NA	424.99	0.00	424.99
	03/17/05	430.42	NA	11.33	NA	419.09	0.00	419.09

APPENDIX A-2
2005 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Property Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
SP-32	04/12/05	430.42	NA	12.12	NA	418.30	0.00	418.30
	05/11/05	430.42	NA	15.28	NA	415.14	0.00	415.14
SP-33	01/20/05	430.95	NA	6.61	NA	424.34	0.00	424.34
	02/23/05	430.95	NA	8.57	NA	422.38	0.00	422.38
	03/17/05	430.95	NA	11.35	NA	419.60	0.00	419.60
	04/12/05	430.95	NA	12.75	NA	418.20	0.00	418.20
	05/11/05	430.95	NA	15.85	NA	415.10	0.00	415.10
SP-34	01/20/05	430.12	NA	6.86	NA	423.26	0.00	423.26
	02/23/05	430.12	NA	8.40	NA	421.72	0.00	421.72
	03/17/05	430.12	NA	10.66	NA	419.46	0.00	419.46
	04/12/05	430.12	NA	11.21	NA	418.91	0.00	418.91
	05/11/05	430.12	NA	15.01	NA	415.11	0.00	415.11
SP-35	01/20/05	431.13	NA	6.85	NA	424.28	0.00	424.28
	02/23/05	431.13	NA	8.92	NA	422.21	0.00	422.21
	03/17/05	431.13	NA	11.27	NA	419.86	0.00	419.86
	04/12/05	431.13	NA	12.24	NA	418.89	0.00	418.89
	05/11/05	431.13	NA	15.17	NA	415.96	0.00	415.96
SP-36	01/20/05	429.41	NA	28.63	NA	400.78	0.00	400.78
	02/23/05	429.41	NA	28.47	NA	400.94	0.00	400.94
	03/17/05	429.41	NA	29.41	NA	400.00	0.00	400.00
	04/13/05	429.41	NA	29.82	NA	399.59	0.00	399.59
	05/11/05	429.41	NA	29.77	NA	399.64	0.00	399.64
SP-37	01/20/05	429.58	NA	14.76	NA	414.82	0.00	414.82
	02/23/05	429.58	NA	11.86	NA	417.72	0.00	417.72
	03/17/05	429.58	NA	22.61	NA	406.97	0.00	406.97
	04/13/05	429.58	NA	24.39	NA	405.19	0.00	405.19
	05/11/05	429.58	NA	25.60	NA	403.98	0.00	403.98
SP-38	01/20/05	430.84	NA	12.32	NA	418.52	0.00	418.52
	02/23/05	430.84	--	--	--	--	--	--

APPENDIX A-2
2005 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Property Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-38	04/13/05	430.84	NA	19.60	NA	411.24	0.00	411.24
SP-39	01/20/05	431.92	NA	4.35	NA	427.57	0.00	427.57
	02/23/05	431.92	NA	8.52	NA	423.40	0.00	423.40
	03/17/05	431.92	NA	13.48	NA	418.44	0.00	418.44
	04/13/05	431.92	NA	15.75	NA	416.17	0.00	416.17
	05/11/05	431.92	NA	19.54	NA	412.38	0.00	412.38
SP-40	01/20/05	431.78	NA	22.20	NA	409.58	0.00	409.58
	02/23/05	431.78	NA	24.10	NA	407.68	0.00	407.68
	03/17/05	431.78	NA	27.04	NA	404.74	0.00	404.74
	04/13/05	431.78	NA	28.20	NA	403.58	0.00	403.58
	05/11/05	431.78	NA	29.03	NA	402.75	0.00	402.75
SP-41	01/20/05	431.45	NA	31.04	NA	400.41	0.00	400.41
	02/23/05	431.45	NA	30.91	NA	400.54	0.00	400.54
	03/17/05	431.45	NA	32.43	NA	399.02	0.00	399.02
	04/13/05	431.45	NA	32.49	NA	398.96	0.00	398.96
	05/11/05	431.45	NA	32.75	NA	398.70	0.00	398.70
SP-42	01/20/05	431.71	NA	30.90	NA	400.81	0.00	400.81
	02/23/05	431.71	NA	30.80	NA	400.91	0.00	400.91
	03/17/05	431.71	NA	32.55	NA	399.16	0.00	399.16
	04/13/05	431.71	NA	32.67	NA	399.04	0.00	399.04
	05/11/05	431.71	NA	32.94	NA	398.77	0.00	398.77
SP-43	01/20/05	431.74	NA	18.03	NA	413.71	0.00	413.71
	02/23/05	431.74	NA	21.48	NA	410.26	0.00	410.26
	03/17/05	431.74	NA	26.32	NA	405.42	0.00	405.42
	04/13/05	431.74	NA	27.80	NA	403.94	0.00	403.94
	05/11/05	431.74	NA	28.95	NA	402.79	0.00	402.79

APPENDIX A-2
2005 Groundwater Elevations/Apparent Product Thickness
Shell/Tannery Property Wells Outside of Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-44	01/20/05	431.83	NA	8.28	NA	423.55	0.00	423.55
	02/23/05	431.83	--	--	--	--	--	--
	04/13/05	431.83	NA	16.98	NA	414.85	0.00	414.85

NOTES:

NA = Not Applicable
-- = No data
** = Depth to water anomaly
SG = Specific gravity of hydrocarbon assumed to be 0.74 by others.
[1] Piezometric surface elevation = [(A)-(C)]+S.G.[(C)-(B)]
Well SP-4 no longer exists.
TOC elevations (except for SP-42, SP-43, & SP-44) have been rotated and adjusted to match USGS datum (datum used to survey Village wells). This rotation and adjustment of original survey data (obtained in 7/01 by CMT, Inc.) was completed in 1/04 by CMT. TOC elevations for SP-42, SP-43, and SP-44 were surveyed to USGS datum in 12/03 by CMT.

Clayton
GROUP SERVICES

APPENDIX A-3

2004/2005 GROUNDWATER ELEVATIONS/ APPARENT PRODUCT THICKNESS – PREMCOR FACILITY

Clayton
GROUP SERVICES

2004 GROUNDWATER ELEVATIONS/APPARENT PRODUCT THICKNESS

APPENDIX A-3
2004 Groundwater Elevations/Apparent Product Thickness
Premcor Facility

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County – ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-1	01/27/04	430.22	NA	31.13	NA	399.09	0.00	399.09
	04/20/04	430.22	NA	29.29	NA	400.93	0.00	400.93
	05/27/04	430.22	--	--	--	--	--	--
	06/03/04	430.22	--	--	--	--	--	--
	06/10/04	430.22	--	--	--	--	--	--
	06/17/04	430.22	NA	27.84	NA	402.38	0.00	402.38
	06/23/04	430.22	27.12	27.13	403.1	403.09	0.01	403.10
	06/30/04	430.22	--	--	--	--	--	--
	07/08/04	430.22	NA	26.84	NA	403.38	0.00	403.38
	07/13/04	430.22	NA	27.00	NA	403.22	0.00	403.22
	07/20/04	430.22	NA	27.59	NA	402.63	0.00	402.63
	07/28/04	430.22	NA	28.32	NA	401.90	0.00	401.90
	08/03/04	430.22	NA	28.21	NA	402.01	0.00	402.01
	08/11/04	430.22	NA	28.34	NA	401.88	0.00	401.88
	08/17/04	430.22	NA	28.67	NA	401.55	0.00	401.55
	08/27/04	430.22	NA	29.38	NA	400.84	0.00	400.84
	09/02/04	430.22	NA	29.15	NA	401.07	0.00	401.07
	09/21/04	430.22	NA	29.92	NA	400.30	0.00	400.30
	10/19/04	430.22	NA	30.54	NA	399.68	0.00	399.68
	11/15/04	430.22	NA	30.57	NA	399.65	0.00	399.65
	12/08/04	430.28	NA	29.67	NA	400.61	0.00	400.61
TH2-88 @P7 Well	01/27/04	--	NA	31.04	--	--	0.00	--
	04/20/04	--	NA	29.84	--	--	0.00	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	NA	29.89	--	--	0.00	--
	06/10/04	--	NA	29.54	--	--	0.00	--
	06/17/04	--	NA	29.04	--	--	0.00	--
	06/23/04	--	NA	28.77	--	--	0.00	--
	06/30/04	--	NA	28.44	--	--	0.00	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	NA	28.28	--	--	0.00	--
	07/20/04	--	NA	28.32	--	--	0.00	--
	07/28/04	--	NA	28.69	--	--	0.00	--
	08/03/04	--	NA	28.84	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
TH2-88 @P7 Well	08/11/04	--	NA	29.10	--	--	0.00	--
	08/18/04	--	NA	29.47	--	--	0.00	--
	08/27/04	--	NA	29.74	--	--	0.00	--
	09/02/04	--	NA	28.99	--	--	0.00	--
	09/21/04	--	NA	30.06	--	--	0.00	--
	10/20/04	--	NA	30.66	--	--	0.00	--
	11/15/04	--	NA	30.69	--	--	0.00	--
	12/08/04	430.88	NA	30.53	NA	400.35	0.00	400.35
RB-08P Recovery Well	01/28/04	433.43	23.89	23.90	409.54	409.53	0.01	409.54
	04/20/04	433.43	23.64	23.65	409.79	409.78	0.01	409.79
	05/27/04	433.43	--	--	--	--	--	--
	06/03/04	433.43	--	--	--	--	--	--
	06/10/04	433.43	--	--	--	--	--	--
	06/17/04	433.43	--	--	--	--	--	--
	06/23/04	433.43	28.70	29.27	404.73	404.16	0.57	404.60
	06/30/04	433.43	NA	22.65	NA	410.78	0.00	410.78
	07/08/04	433.43	--	--	--	--	--	--
	07/14/04	433.43	NA	22.41	NA	411.02	0.00	411.02
	07/20/04	433.43	--	--	--	--	--	--
	07/28/04	433.43	--	--	--	--	--	--
	08/03/04	433.43	--	--	--	--	--	--
	08/11/04	433.43	NA	23.12	NA	410.31	0.00	410.31
	08/18/04	433.43	30.27	30.71	403.16	402.72	0.44	403.06
	08/27/04	433.43	30.75	31.08	402.68	402.35	0.33	402.61
	09/02/04	433.43	30.45	31.02	402.98	402.41	0.57	402.85
	09/21/04	433.43	31.26	31.64	402.17	401.79	0.38	402.09
	10/19/04	433.43	31.93	32.48	401.5	400.95	0.55	401.38
	11/15/04	433.43	31.67	31.75	401.76	401.68	0.08	401.74
	12/08/04	433.41	--	--	--	--	--	--
RB-08 2" piezometer	01/28/04	--	32.51	33.32	--	--	0.81	--
	04/20/04	--	30.84	31.16	--	--	0.32	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--

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RB-08	06/10/04	--	--	--	--	--	--	--
2" piezometer	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	22.53	22.54	--	--	0.01	--
	06/30/04	--	28.55	29.27	--	--	0.72	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	28.89	29.38	--	--	0.49	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	29.90	30.40	--	--	0.50	--
	08/18/04	--	NA	23.52	--	--	0.00	--
	08/27/04	--	NA	23.56	--	--	0.00	--
	09/02/04	--	NA	23.58	--	--	0.00	--
	09/21/04	--	NA	23.98	--	--	0.00	--
	10/19/04	--	NA	24.46	--	--	0.00	--
	11/15/04	--	NA	23.74	--	--	0.00	--
	12/08/04	--	NA	23.48	--	--	0.00	--
RB-10*	01/28/04	430.03	31.02	31.25	399.01	398.78	0.23	398.96
	04/21/04	430.03	29.97	30.24	400.06	399.79	0.27	400.00
	05/27/04	430.03	--	--	--	--	--	--
	06/03/04	430.03	--	--	--	--	--	--
	06/10/04	430.03	--	--	--	--	--	--
	06/17/04	430.03	--	--	--	--	--	--
	06/23/04	430.03	--	--	--	--	--	--
	06/30/04	430.03	27.64	29.45	402.39	400.58	1.81	401.99
	07/08/04	430.03	--	--	--	--	--	--
	07/14/04	430.03	--	--	--	--	--	--
	07/20/04	430.03	--	--	--	--	--	--
	07/28/04	430.03	--	--	--	--	--	--
	08/03/04	430.03	--	--	--	--	--	--
	08/11/04	430.03	--	--	--	--	--	--
	08/19/04	430.03	--	--	--	--	--	--
	08/27/04	430.03	--	--	--	--	--	--
	09/02/04	430.03	--	--	--	--	--	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-10*	09/21/04	430.03	–	–	–	–	–	–
	10/19/04	430.03	30.09	32.96	399.94	397.07	2.87	399.31
	11/15/04	430.03	–	–	–	–	–	–
	12/08/04	430.32	–	–	–	–	–	–
RB-13	01/27/04	–	NA	30.52	–	–	0.00	–
	04/21/04	–	NA	29.20	–	–	0.00	–
	05/27/04	–	NA	29.34	–	–	0.00	–
	06/03/04	–	NA	29.69	–	–	0.00	–
	06/10/04	–	NA	28.82	–	–	0.00	–
	06/17/04	–	NA	28.47	–	–	0.00	–
	06/23/04	–	NA	28.08	–	–	0.00	–
	06/30/04	–	NA	27.58	–	–	0.00	–
	07/08/04	–	NA	27.11	–	–	0.00	–
	07/14/04	–	NA	27.13	–	–	0.00	–
	07/20/04	–	–	–	–	–	–	–
	07/28/04	–	NA	27.62	–	–	0.00	–
	08/03/04	–	NA	27.67	–	–	0.00	–
	08/11/04	–	NA	28.07	–	–	0.00	–
	08/18/04	–	NA	28.08	–	–	0.00	–
	08/27/04	–	NA	28.75	–	–	0.00	–
	09/02/04	–	NA	28.95	–	–	0.00	–
	09/21/04	–	NA	29.38	–	–	0.00	–
	10/19/04	–	NA	29.96	–	–	0.00	–
	11/15/04	–	NA	30.97	–	–	0.00	–
	12/08/04	430.79	NA	29.98	NA	400.81	0.00	400.81
RB-22	01/28/04	431.01	NA	31.02	NA	399.99	0.00	399.99
	04/21/04	431.01	NA	29.86	NA	401.15	0.00	401.15
	05/27/04	431.01	NA	30.22	NA	400.79	0.00	400.79
	06/03/04	431.01	NA	29.60	NA	401.41	0.00	401.41
	06/10/04	431.01	28.91	28.92	402.1	402.09	0.01	402.10
	06/17/04	431.01	–	–	–	–	–	–
	06/23/04	431.01	NA	28.15	NA	402.86	0.00	402.86
	06/30/04	431.01	NA	27.78	NA	403.23	0.00	403.23

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-22	07/08/04	431.01	–	–	–	–	–	–
	07/14/04	431.01	NA	27.57	NA	403.44	0.00	403.44
	07/21/04	431.01	27.55	27.70	403.46	403.31	0.15	403.43
	07/29/04	431.01	NA	28.09	NA	402.92	0.00	402.92
	08/04/04	431.01	NA	28.51	NA	402.50	0.00	402.50
	08/11/04	431.01	NA	28.78	NA	402.23	0.00	402.23
	08/19/04	431.01	NA	29.18	NA	401.83	0.00	401.83
	08/27/04	431.01	NA	29.50	NA	401.51	0.00	401.51
	09/02/04	431.01	NA	29.37	NA	401.64	0.00	401.64
	09/22/04	431.01	NA	29.92	NA	401.09	0.00	401.09
	10/20/04	431.01	NA	30.61	NA	400.40	0.00	400.40
	11/15/04	431.01	NA	30.69	NA	400.32	0.00	400.32
	12/08/04	431.06	NA	30.32	NA	400.74	0.00	400.74
RB-25	01/27/04	432.11	NA	31.84	NA	400.27	0.00	400.27
	04/20/04	432.11	NA	31.95	NA	400.16	0.00	400.16
	05/27/04	432.11	32.10	32.11	400.01	400.00	0.01	400.01
	06/03/04	432.11	NA	31.44	NA	400.67	0.00	400.67
	06/10/04	432.11	30.48	30.49	401.63	401.62	0.01	401.63
	06/17/04	432.11	NA	30.50	NA	401.61	0.00	401.61
	06/23/04	432.11	NA	29.79	NA	402.32	0.00	402.32
	06/30/04	432.11	NA	29.50	NA	402.61	0.00	402.61
	07/08/04	432.11	NA	29.89	NA	402.22	0.00	402.22
	07/14/03	432.11	NA	30.15	NA	401.96	0.00	401.96
	07/20/04	432.11	NA	30.31	NA	401.80	0.00	401.80
	07/28/04	432.11	NA	30.85	NA	401.26	0.00	401.26
	08/03/04	432.11	NA	30.85	NA	401.26	0.00	401.26
	08/11/04	432.11	NA	31.16	NA	400.95	0.00	400.95
	08/17/04	432.11	NA	31.39	NA	400.72	0.00	400.72
	08/27/04	432.11	NA	32.02	NA	400.09	0.00	400.09
	09/02/04	432.11	NA	31.44	NA	400.67	0.00	400.67
	09/21/04	432.11	NA	32.31	NA	399.80	0.00	399.80
	10/20/04	432.11	NA	33.15	NA	398.96	0.00	398.96
	11/15/04	432.11	NA	32.87	NA	399.24	0.00	399.24

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-25	12/08/04	432.10	NA	33.02	NA	399.08	0.00	399.08
RB-26	01/27/04	430.03	NA	31.41	NA	398.62	0.00	398.62
	04/20/04	430.03	NA	29.73	NA	400.30	0.00	400.30
	05/27/04	430.03	NA	30.40	NA	399.63	0.00	399.63
	06/03/04	430.03	NA	29.61	NA	400.42	0.00	400.42
	06/10/04	430.03	NA	28.69	NA	401.34	0.00	401.34
	06/17/04	430.03	--	--	--	--	--	--
	06/23/04	430.03	NA	28.10	NA	401.93	0.00	401.93
	06/30/04	430.03	NA	27.77	NA	402.26	0.00	402.26
	07/08/04	430.03	27.97	27.97	402.06	402.06	0.00	402.06
	07/14/04	430.03	NA	28.20	NA	401.83	0.00	401.83
	07/20/04	430.03	NA	28.33	NA	401.70	0.00	401.70
	07/28/04	430.03	NA	28.84	NA	401.19	0.00	401.19
	08/03/04	430.03	NA	28.81	NA	401.22	0.00	401.22
	08/11/04	430.03	NA	29.11	NA	400.92	0.00	400.92
	08/18/04	430.03	NA	29.53	NA	400.50	0.00	400.50
	08/27/04	430.03	NA	29.91	NA	400.12	0.00	400.12
	09/02/04	430.03	NA	29.45	NA	400.58	0.00	400.58
	09/21/04	430.03	NA	30.20	NA	399.83	0.00	399.83
	10/20/04	430.03	NA	30.96	NA	399.07	0.00	399.07
	11/15/04	430.03	NA	30.76	NA	399.27	0.00	399.27
	12/08/04	430.05	NA	30.75	NA	399.30	0.00	399.30
RB-29	01/28/04	431.89	13.70	13.88	418.19	418.01	0.18	418.15
	04/20/04	431.89	13.61	13.74	418.28	418.15	0.13	418.25
	05/27/04	431.89	--	--	--	--	--	--
	06/03/04	431.89	--	--	--	--	--	--
	06/10/04	431.89	--	--	--	--	--	--
	06/17/04	431.89	12.76	12.90	419.13	418.99	0.14	419.10
	06/23/04	431.89	12.50	12.61	419.39	419.28	0.11	419.37
	06/30/04	431.89	NA	12.17	NA	419.72	0.00	419.72
	07/08/04	431.89	12.43	12.62	419.46	419.27	0.19	419.42
	07/14/04	431.89	12.43	12.60	419.46	419.29	0.17	419.42
	07/20/04	431.89	12.69	12.85	419.2	419.04	0.16	419.16

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RB-29	**7/28/04	431.89	NA	13.22	NA	418.67	0.00	418.67
	08/03/04	431.89	12.78	12.94	419.11	418.95	0.16	419.07
	08/11/04	431.89	12.69	12.85	419.2	419.04	0.16	419.16
	08/17/04	431.89	12.81	12.97	419.08	418.92	0.16	419.04
	08/27/04	431.89	13.08	13.26	418.81	418.63	0.18	418.77
	09/02/04	431.89	12.97	13.11	418.92	418.78	0.14	418.89
	09/21/04	431.89	13.50	13.65	418.39	418.24	0.15	418.36
	10/18/04	431.89	13.96	14.07	417.93	417.82	0.11	417.91
	11/15/04	431.89	13.54	13.66	418.35	418.23	0.12	418.32
	12/08/04	431.97	12.86	12.93	419.11	419.04	0.07	419.09
RB-30	01/28/04	431.89	NA	32.30	NA	399.59	0.00	399.59
	04/20/04	431.89	NA	31.26	NA	400.63	0.00	400.63
	05/27/04	431.89	NA	31.44	NA	400.45	0.00	400.45
	06/03/04	431.89	NA	31.40	NA	400.49	0.00	400.49
	06/10/04	431.89	NA	30.76	NA	401.13	0.00	401.13
	06/17/04	431.89	NA	30.64	NA	401.25	0.00	401.25
	06/23/04	431.89	NA	30.38	NA	401.51	0.00	401.51
	06/30/04	431.89	NA	29.92	NA	401.97	0.00	401.97
	07/08/04	431.89	NA	29.93	NA	401.96	0.00	401.96
	07/14/04	431.89	NA	29.90	NA	401.99	0.00	401.99
	07/20/04	431.89	NA	29.96	NA	401.93	0.00	401.93
	07/28/04	431.89	NA	27.38	NA	404.51	0.00	404.51
	08/03/04	431.89	NA	30.34	NA	401.55	0.00	401.55
	08/11/04	431.89	NA	30.51	NA	401.38	0.00	401.38
	08/17/04	431.89	NA	30.54	NA	401.35	0.00	401.35
	08/27/04	431.89	NA	30.99	NA	400.90	0.00	400.90
	09/02/04	431.89	NA	30.93	NA	400.96	0.00	400.96
	09/21/04	431.89	NA	31.33	NA	400.56	0.00	400.56
	10/18/04	431.89	NA	31.64	NA	400.25	0.00	400.25
	11/15/04	431.89	NA	31.96	NA	399.93	0.00	399.93
	12/08/04	431.94	NA	31.81	NA	400.13	0.00	400.13
RB-35*	01/28/04	429.85	29.10	29.54	400.75	400.31	0.44	400.65
	04/21/04	429.85	27.45	28.80	402.4	401.05	1.35	402.10

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RB-35*	05/27/04	429.85	--	--	--	--	--	--
	06/03/04	429.85	--	--	--	--	--	--
	06/10/04	429.85	--	--	--	--	--	--
	06/17/04	429.85	--	--	--	--	--	--
	06/23/04	429.85	--	--	--	--	--	--
	06/30/04	429.85	--	--	--	--	--	--
	07/08/04	429.85	--	--	--	--	--	--
	07/14/04	429.85	--	--	--	--	--	--
	07/20/04	429.85	--	--	--	--	--	--
	07/28/04	429.85	--	--	--	--	--	--
	08/03/04	429.85	--	--	--	--	--	--
	08/11/04	429.85	--	--	--	--	--	--
	08/19/04	429.85	--	--	--	--	--	--
	08/27/04	429.85	--	--	--	--	--	--
	09/02/04	429.85	--	--	--	--	--	--
	09/21/04	429.85	--	--	--	--	--	--
	10/20/04	429.85	28.56	30.48	401.29	399.37	1.92	400.87
	11/15/04	429.85	--	--	--	--	--	--
	12/08/04	429.49	--	--	--	--	--	--
RB-36	01/28/04	429.16	NA	23.32	NA	405.84	0.00	405.84
	04/20/04	429.16	NA	21.83	NA	407.33	0.00	407.33
	05/27/04	429.16	--	--	--	--	--	--
	06/03/04	429.16	--	--	--	--	--	--
	06/10/04	429.16	--	--	--	--	--	--
	06/17/04	429.16	NA	21.02	NA	408.14	0.00	408.14
	06/23/04	429.16	NA	20.91	NA	408.25	0.00	408.25
	06/30/04	429.16	--	--	--	--	--	--
	07/08/04	429.16	NA	20.80	NA	408.36	0.00	408.36
	07/13/04	429.16	NA	20.75	NA	408.41	0.00	408.41
	07/20/04	429.16	NA	20.79	NA	408.37	0.00	408.37
	07/28/04	429.16	NA	20.97	NA	408.19	0.00	408.19
	08/03/04	429.16	NA	20.94	NA	408.22	0.00	408.22
	08/11/04	429.16	NA	21.05	NA	408.11	0.00	408.11
	08/17/04	429.16	NA	21.06	NA	408.10	0.00	408.10

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-36	08/27/04	429.16	NA	21.14	NA	408.02	0.00	408.02
	09/02/04	429.16	NA	21.25	NA	407.91	0.00	407.91
	09/21/04	429.16	NA	21.55	NA	407.61	0.00	407.61
	10/19/04	429.16	NA	22.22	NA	406.94	0.00	406.94
	11/15/04	429.16	NA	23.03	NA	406.13	0.00	406.13
	12/08/04	429.21	NA	22.17	NA	407.04	0.00	407.04
RB-37*	01/28/04	428.38	29.32	32.35	399.06	396.03	3.03	398.39
	04/20/04	428.38	27.57	32.11	400.81	396.27	4.54	399.81
	05/27/04	428.38	--	--	--	--	--	--
	06/03/04	428.38	--	--	--	--	--	--
	06/10/04	428.38	--	--	--	--	--	--
	06/17/04	428.38	--	--	--	--	--	--
	06/23/04	428.38	--	--	--	--	--	--
	06/30/04	428.38	--	--	--	--	--	--
	07/08/04	428.38	--	--	--	--	--	--
	07/13/04	428.38	--	--	--	--	--	--
	07/20/04	428.38	--	--	--	--	--	--
	07/28/04	428.38	--	--	--	--	--	--
	08/03/04	428.38	--	--	--	--	--	--
	08/11/04	428.38	--	--	--	--	--	--
	08/17/04	428.38	--	--	--	--	--	--
	08/27/04	428.38	--	--	--	--	--	--
	09/02/04	428.38	--	--	--	--	--	--
	09/21/04	428.38	--	--	--	--	--	--
	10/19/04	428.38	28.45	32.84	399.93	395.54	4.39	398.96
	11/15/04	428.38	--	--	--	--	--	--
	12/08/04	428.52	--	--	--	--	--	--
RB-38	01/27/04	433.69	NA	35.02	NA	398.67	0.00	398.67
	04/20/04	433.69	NA	33.94	NA	399.75	0.00	399.75
	05/27/04	433.69	NA	34.08	NA	399.61	0.00	399.61
	06/03/04	433.69	NA	34.18	NA	399.51	0.00	399.51
	06/10/04	433.69	NA	33.55	NA	400.14	0.00	400.14
	06/17/04	433.69	NA	33.43	NA	400.26	0.00	400.26

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RB-38	06/23/04	433.69	NA	33.21	NA	400.48	0.00	400.48
	06/30/04	433.69	NA	32.85	NA	400.84	0.00	400.84
	07/08/04	433.69	NA	32.79	NA	400.90	0.00	400.90
	**7/14/04	433.69	NA	30.70	NA	402.99	0.00	402.99
	07/20/04	433.69	NA	32.79	NA	400.90	0.00	400.90
	07/28/04	433.69	NA	33.02	NA	400.67	0.00	400.67
	08/03/04	433.69	NA	33.05	NA	400.64	0.00	400.64
	08/11/04	433.69	NA	33.22	NA	400.47	0.00	400.47
	08/17/04	433.69	NA	33.21	NA	400.48	0.00	400.48
	08/27/04	433.69	NA	33.68	NA	400.01	0.00	400.01
	09/02/04	433.69	NA	33.52	NA	400.17	0.00	400.17
	09/21/04	433.69	NA	33.89	NA	399.80	0.00	399.80
	10/19/04	433.69	NA	34.49	NA	399.20	0.00	399.20
	11/15/04	433.69	NA	34.58	NA	399.11	0.00	399.11
	12/08/04	433.73	NA	34.46	NA	399.27	0.00	399.27
RB-39	01/27/04	431.48	NA	26.90	NA	404.58	0.00	404.58
	04/20/04	431.48	NA	25.83	NA	405.65	0.00	405.65
	05/27/04	431.48	NA	24.46	NA	407.02	0.00	407.02
	06/03/04	431.48	NA	23.73	NA	407.75	0.00	407.75
	06/10/04	431.48	NA	23.38	NA	408.10	0.00	408.10
	06/17/04	431.48	NA	23.91	NA	407.57	0.00	407.57
	06/23/04	431.48	NA	22.51	NA	408.97	0.00	408.97
	06/30/04	431.48	NA	22.64	NA	408.84	0.00	408.84
	07/08/04	431.48	NA	22.87	NA	408.61	0.00	408.61
	07/14/04	431.48	NA	23.40	NA	408.08	0.00	408.08
	07/20/04	431.48	NA	24.11	NA	407.37	0.00	407.37
	07/28/04	431.48	NA	25.14	NA	406.34	0.00	406.34
	08/03/04	431.48	NA	25.14	NA	406.34	0.00	406.34
	08/11/04	431.48	NA	25.57	NA	405.91	0.00	405.91
	08/17/04	431.48	NA	25.91	NA	405.57	0.00	405.57
	08/27/04	431.48	NA	26.89	NA	404.59	0.00	404.59
	09/02/04	431.48	NA	26.98	NA	404.50	0.00	404.50
	09/21/04	431.48	NA	27.98	NA	403.50	0.00	403.50
	10/19/04	431.48	NA	28.93	NA	402.55	0.00	402.55

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RB-39	11/15/04	431.48	NA	28.77	NA	402.71	0.00	402.71
	12/08/04	431.54	NA	26.78	NA	404.76	0.00	404.76
RB-40	01/27/04	433.50	NA	34.12	NA	399.38	0.00	399.38
	04/20/04	433.50	NA	33.51	NA	399.99	0.00	399.99
	05/27/04	433.50	NA	33.57	NA	399.93	0.00	399.93
	06/03/04	433.50	NA	33.73	NA	399.77	0.00	399.77
	06/10/04	433.50	NA	33.30	NA	400.20	0.00	400.20
	06/17/04	433.50	NA	33.21	NA	400.29	0.00	400.29
	06/23/04	433.50	NA	33.08	NA	400.42	0.00	400.42
	06/30/04	433.50	NA	32.70	NA	400.80	0.00	400.80
	07/08/04	433.50	NA	32.68	NA	400.82	0.00	400.82
	07/13/04	433.50	NA	32.60	NA	400.90	0.00	400.90
	07/20/04	433.50	NA	32.59	NA	400.91	0.00	400.91
	07/28/04	433.50	NA	32.74	NA	400.76	0.00	400.76
	08/03/04	433.50	NA	32.78	NA	400.72	0.00	400.72
	08/11/04	433.50	NA	32.90	NA	400.60	0.00	400.60
	08/17/04	433.50	NA	32.87	NA	400.63	0.00	400.63
	08/27/04	433.50	NA	33.22	NA	400.28	0.00	400.28
	09/02/04	433.50	NA	33.18	NA	400.32	0.00	400.32
	09/21/04	433.50	NA	33.43	NA	400.07	0.00	400.07
	10/19/04	433.50	NA	33.93	NA	399.57	0.00	399.57
	11/15/04	433.50	NA	34.07	NA	399.43	0.00	399.43
	12/08/04	433.51	NA	33.92	NA	399.59	0.00	399.59
RB-41	01/27/04	433.24	NA	33.72	NA	399.52	0.00	399.52
	04/20/04	433.24	NA	33.34	NA	399.90	0.00	399.90
	05/27/04	433.24	NA	33.48	NA	399.76	0.00	399.76
	06/03/04	433.24	NA	33.66	NA	399.58	0.00	399.58
	06/10/04	433.24	NA	33.32	NA	399.92	0.00	399.92
	06/17/04	433.24	NA	33.30	NA	399.94	0.00	399.94
	06/23/04	433.24	NA	33.22	NA	400.02	0.00	400.02
	06/30/04	433.24	NA	32.94	NA	400.30	0.00	400.30
	07/08/04	433.24	NA	32.89	NA	400.35	0.00	400.35
	07/13/04	433.24	NA	32.75	NA	400.49	0.00	400.49

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
RB-41	07/20/04	433.24	NA	32.80	NA	400.44	0.00	400.44
	07/28/04	433.24	NA	32.91	NA	400.33	0.00	400.33
	08/03/04	433.24	NA	32.89	NA	400.35	0.00	400.35
	08/11/04	433.24	NA	32.99	NA	400.25	0.00	400.25
	08/17/04	433.24	NA	32.94	NA	400.30	0.00	400.30
	08/27/04	433.24	NA	33.25	NA	399.99	0.00	399.99
	09/02/04	433.24	NA	33.22	NA	400.02	0.00	400.02
	09/21/04	433.24	NA	33.40	NA	399.84	0.00	399.84
	10/19/04	433.24	NA	33.79	NA	399.45	0.00	399.45
	11/15/04	433.24	NA	33.91	NA	399.33	0.00	399.33
	12/08/04	433.25	NA	33.79	NA	399.46	0.00	399.46
RB-42	01/27/04	428.45	NA	28.33	NA	400.12	0.00	400.12
	04/20/04	428.45	NA	28.27	NA	400.18	0.00	400.18
	05/27/04	428.45	NA	28.29	NA	400.16	0.00	400.16
	06/03/04	428.45	NA	28.52	NA	399.93	0.00	399.93
	06/10/04	428.45	NA	28.24	NA	400.21	0.00	400.21
	06/17/04	428.45	NA	28.30	NA	400.15	0.00	400.15
	06/23/04	428.45	NA	28.21	NA	400.24	0.00	400.24
	06/30/04	428.45	NA	28.07	NA	400.38	0.00	400.38
	07/08/04	428.45	NA	28.09	NA	400.36	0.00	400.36
	07/13/04	428.45	NA	28.00	NA	400.45	0.00	400.45
	07/20/04	428.45	NA	28.02	NA	400.43	0.00	400.43
	07/28/04	428.45	NA	28.11	NA	400.34	0.00	400.34
	08/03/04	428.45	NA	28.02	NA	400.43	0.00	400.43
	08/11/04	428.45	NA	28.13	NA	400.32	0.00	400.32
	08/17/04	428.45	NA	28.10	NA	400.35	0.00	400.35
	08/27/04	428.45	NA	28.38	NA	400.07	0.00	400.07
	09/02/04	428.45	NA	28.33	NA	400.12	0.00	400.12
	09/21/04	428.45	NA	28.48	NA	399.97	0.00	399.97
	10/18/04	428.45	NA	28.51	NA	399.94	0.00	399.94
	11/15/04	428.45	NA	28.80	NA	399.65	0.00	399.65
	12/08/04	428.47	NA	28.66	NA	399.81	0.00	399.81

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-43	01/27/04	427.95	NA	25.54	NA	402.41	0.00	402.41
	04/20/04	427.95	NA	25.85	NA	402.10	0.00	402.10
	05/27/04	427.95	NA	25.48	NA	402.47	0.00	402.47
	06/03/04	427.95	NA	25.45	NA	402.50	0.00	402.50
	06/10/04	427.95	NA	25.36	NA	402.59	0.00	402.59
	06/17/04	427.95	NA	25.09	NA	402.86	0.00	402.86
	06/23/04	427.95	NA	25.25	NA	402.70	0.00	402.70
	06/30/04	427.95	NA	25.15	NA	402.80	0.00	402.80
	07/08/04	427.95	NA	25.17	NA	402.78	0.00	402.78
	07/13/04	427.95	NA	25.00	NA	402.95	0.00	402.95
	07/20/04	427.95	NA	25.18	NA	402.77	0.00	402.77
	07/28/04	427.95	NA	25.34	NA	402.61	0.00	402.61
	08/03/04	427.95	NA	25.18	NA	402.77	0.00	402.77
	08/11/04	427.95	NA	25.24	NA	402.71	0.00	402.71
	08/17/04	427.95	NA	25.27	NA	402.68	0.00	402.68
	08/27/04	427.95	NA	25.47	NA	402.48	0.00	402.48
	09/02/04	427.95	NA	25.46	NA	402.49	0.00	402.49
	09/21/04	427.95	NA	25.65	NA	402.30	0.00	402.30
	10/18/04	427.95	NA	25.73	NA	402.22	0.00	402.22
	11/15/04	427.95	NA	25.89	NA	402.06	0.00	402.06
	12/08/04	427.99	NA	25.71	NA	402.28	0.00	402.28
RB-44	01/27/04	432.95	NA	31.93	NA	401.02	0.00	401.02
	04/20/04	432.95	NA	30.95	NA	402.00	0.00	402.00
	05/27/04	432.95	30.54	30.55	402.41	402.40	0.01	402.41
	06/03/04	432.95	NA	30.52	NA	402.43	0.00	402.43
	06/10/04	432.95	NA	30.33	NA	402.62	0.00	402.62
	06/17/04	432.95	30.27	30.28	402.68	402.67	0.01	402.68
	06/23/04	432.95	NA	30.02	NA	402.93	0.00	402.93
	06/30/04	432.95	NA	29.87	NA	403.08	0.00	403.08
	07/08/04	432.95	NA	29.73	NA	403.22	0.00	403.22
	07/13/04	432.95	NA	29.60	NA	403.35	0.00	403.35
	07/20/04	432.95	NA	29.71	NA	403.24	0.00	403.24
	07/28/04	432.95	NA	29.92	NA	403.03	0.00	403.03
	08/03/04	432.95	NA	29.83	NA	403.12	0.00	403.12

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RB-44	08/11/04	432.95	NA	29.97	NA	402.98	0.00	402.98
	08/17/04	432.95	NA	30.05	NA	402.90	0.00	402.90
	08/27/04	432.95	NA	30.33	NA	402.62	0.00	402.62
	09/02/04	432.95	NA	30.39	NA	402.56	0.00	402.56
	09/21/04	432.95	NA	30.63	NA	402.32	0.00	402.32
	10/18/04	432.95	NA	30.97	NA	401.98	0.00	401.98
	11/15/04	432.95	NA	31.09	NA	401.86	0.00	401.86
	12/08/04	432.99	NA	30.81	NA	402.18	0.00	402.18
RB-45	01/27/04	431.92	NA	30.41	NA	401.51	0.00	401.51
	04/20/04	431.92	NA	30.04	NA	401.88	0.00	401.88
	05/27/04	431.92	29.79	29.80	402.13	402.12	0.01	402.13
	06/03/04	431.92	29.79	29.80	402.13	402.12	0.01	402.13
	06/10/04	431.92	NA	29.45	NA	402.47	0.00	402.47
	06/17/04	431.92	NA	29.30	NA	402.62	0.00	402.62
	06/23/04	431.92	NA	29.03	NA	402.89	0.00	402.89
	06/30/04	431.92	NA	28.82	NA	403.10	0.00	403.10
	07/08/04	431.92	NA	28.64	NA	403.28	0.00	403.28
	07/13/04	431.92	NA	28.55	NA	403.37	0.00	403.37
	07/20/04	431.92	NA	28.63	NA	403.29	0.00	403.29
	07/28/04	431.92	NA	28.86	NA	403.06	0.00	403.06
	08/03/04	431.92	NA	28.87	NA	403.05	0.00	403.05
	08/11/04	431.92	NA	29.03	NA	402.89	0.00	402.89
	08/17/04	431.92	NA	29.11	NA	402.81	0.00	402.81
	08/27/04	431.92	NA	29.47	NA	402.45	0.00	402.45
	09/02/04	431.92	NA	29.47	NA	402.45	0.00	402.45
	09/21/04	431.92	NA	29.78	NA	402.14	0.00	402.14
	10/18/04	431.92	NA	30.14	NA	401.78	0.00	401.78
	11/15/04	431.92	NA	30.41	NA	401.51	0.00	401.51
	12/08/04	431.95	NA	30.17	NA	401.78	0.00	401.78
RB-46	01/28/04	430.62	NA	30.43	NA	400.19	0.00	400.19
	04/21/04	430.62	NA	29.40	NA	401.22	0.00	401.22
	05/27/04	430.62	NA	29.51	NA	401.11	0.00	401.11
	06/03/04	430.62	NA	29.22	NA	401.40	0.00	401.40

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RB-46	06/10/04	430.62	NA	28.55	NA	402.07	0.00	402.07
	06/17/04	430.62	--	--	--	--	--	--
	06/23/04	430.62	NA	27.88	NA	402.74	0.00	402.74
	06/30/04	430.62	NA	27.51	NA	403.11	0.00	403.11
	07/08/04	430.62	--	--	--	--	--	--
	07/14/04	430.62	NA	27.29	NA	403.33	0.00	403.33
	07/21/04	430.62	NA	27.40	NA	403.22	0.00	403.22
	07/29/04	430.62	NA	27.72	NA	402.90	0.00	402.90
	08/04/04	430.62	NA	28.04	NA	402.58	0.00	402.58
	08/11/04	430.62	NA	28.29	NA	402.33	0.00	402.33
	08/19/04	430.62	NA	28.62	NA	402.00	0.00	402.00
	08/27/04	430.62	NA	28.94	NA	401.68	0.00	401.68
	09/02/04	430.62	NA	28.87	NA	401.75	0.00	401.75
	09/22/04	430.62	NA	29.35	NA	401.27	0.00	401.27
	10/20/04	430.62	NA	30.02	NA	400.60	0.00	400.60
	11/15/04	430.62	NA	30.04	NA	400.58	0.00	400.58
	12/08/04	430.61	NA	29.98	NA	400.63	0.00	400.63
RB-47	01/28/04	431.12	NA	31.18	NA	399.94	0.00	399.94
	04/21/04	431.12	NA	30.13	NA	400.99	0.00	400.99
	05/27/04	431.12	NA	30.25	NA	400.87	0.00	400.87
	06/03/04	431.12	NA	29.90	NA	401.22	0.00	401.22
	06/10/04	431.12	NA	29.17	NA	401.95	0.00	401.95
	06/17/04	431.12	--	--	--	--	--	--
	06/23/04	431.12	NA	28.51	NA	402.61	0.00	402.61
	06/30/04	431.12	NA	28.12	NA	403.00	0.00	403.00
	07/08/04	431.12	--	--	--	--	--	--
	07/14/04	431.12	NA	27.91	NA	403.21	0.00	403.21
	07/21/04	431.12	NA	28.10	NA	403.02	0.00	403.02
	07/29/04	431.12	NA	28.38	NA	402.74	0.00	402.74
	08/04/04	431.12	NA	28.81	NA	402.31	0.00	402.31
	08/11/04	431.12	NA	29.04	NA	402.08	0.00	402.08
	08/19/04	431.12	NA	29.44	NA	401.68	0.00	401.68
	08/27/04	431.12	NA	29.75	NA	401.37	0.00	401.37
	09/02/04	431.12	NA	29.63	NA	401.49	0.00	401.49

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-47	09/22/04	431.12	NA	30.15	NA	400.97	0.00	400.97
	10/20/04	431.12	NA	30.84	NA	400.28	0.00	400.28
	11/15/04	431.12	NA	30.79	NA	400.33	0.00	400.33
	12/08/04	431.05	NA	30.78	NA	400.27	0.00	400.27
RB-48*	01/28/04	431.26	29.49	32.56	401.77	398.70	3.07	401.09
	04/21/04	431.26	28.54	30.65	402.72	400.61	2.11	402.26
	05/27/04	431.26	--	--	--	--	--	--
	06/03/04	431.26	--	--	--	--	--	--
	06/10/04	431.26	--	--	--	--	--	--
	06/17/04	431.26	--	--	--	--	--	--
	06/23/04	431.26	--	--	--	--	--	--
	06/30/04	431.26	26.54	26.79	404.72	404.47	0.25	404.67
	07/08/04	431.26	--	--	--	--	--	--
	07/14/04	431.26	--	--	--	--	--	--
	07/20/04	431.26	--	--	--	--	--	--
	07/28/04	431.26	--	--	--	--	--	--
	08/03/04	431.26	--	--	--	--	--	--
	08/11/04	431.26	--	--	--	--	--	--
	08/17/04	431.26	--	--	--	--	--	--
	08/27/04	431.26	--	--	--	--	--	--
	09/02/04	431.26	--	--	--	--	--	--
	09/21/04	431.26	--	--	--	--	--	--
	10/20/04	431.26	28.76	32.39	402.5	398.87	3.63	401.70
	11/15/04	431.26	--	--	--	--	--	--
	12/08/04	431.36	--	--	--	--	--	--
RB-49	01/28/04	429.31	NA	2.80	NA	426.51	0.00	426.51
	04/21/04	429.31	NA	3.21	NA	426.10	0.00	426.10
	05/27/04	429.31	NA	2.35	NA	426.96	0.00	426.96
	06/03/04	429.31	NA	2.57	NA	426.74	0.00	426.74
	06/10/04	429.31	NA	2.45	NA	426.86	0.00	426.86
	06/17/04	429.31	--	--	--	--	--	--
	06/23/04	429.31	NA	2.41	NA	426.90	0.00	426.90
	06/30/04	429.31	NA	2.68	NA	426.63	0.00	426.63

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-49	07/08/04	429.31	--	--	--	--	--	--
	07/14/04	429.31	NA	2.70	NA	426.61	0.00	426.61
	07/21/04	429.31	NA	3.05	NA	426.26	0.00	426.26
	07/29/04	429.31	NA	3.27	NA	426.04	0.00	426.04
	08/04/04	429.31	NA	2.63	NA	426.68	0.00	426.68
	08/11/04	429.31	NA	2.94	NA	426.37	0.00	426.37
	08/19/04	429.31	NA	3.26	NA	426.05	0.00	426.05
	08/27/04	429.31	NA	2.72	NA	426.59	0.00	426.59
	09/02/04	429.31	NA	3.23	NA	426.08	0.00	426.08
	09/22/04	429.31	NA	4.12	NA	425.19	0.00	425.19
	10/20/04	429.31	NA	3.59	NA	425.72	0.00	425.72
	11/15/04	429.31	NA	3.09	NA	426.22	0.00	426.22
	12/08/04	429.32	NA	2.38	NA	426.94	0.00	426.94
RB-50	01/28/04	431.50	NA	4.80	NA	426.70	0.00	426.70
	04/21/04	431.50	NA	6.08	NA	425.42	0.00	425.42
	05/27/04	431.50	2.75	2.76	428.75	428.74	0.01	428.75
	06/03/04	431.50	NA	4.06	NA	427.44	0.00	427.44
	06/10/04	431.50	4.62	4.63	426.88	426.87	0.01	426.88
	06/17/04	431.50	--	--	--	--	--	--
	06/23/04	431.50	4.10	4.11	427.4	427.39	0.01	427.40
	06/30/04	431.50	NA	5.14	NA	426.36	0.00	426.36
	07/08/04	431.50	--	--	--	--	--	--
	07/14/04	431.50	NA	5.22	NA	426.28	0.00	426.28
	07/21/04	431.50	NA	6.20	NA	425.30	0.00	425.30
	07/29/04	431.50	NA	6.70	NA	424.80	0.00	424.80
	08/04/04	431.50	NA	5.30	NA	426.20	0.00	426.20
	08/11/04	431.50	NA	5.90	NA	425.60	0.00	425.60
	0819/04	431.50	NA	6.69	NA	424.81	0.00	424.81
	08/27/04	431.50	NA	6.10	NA	425.40	0.00	425.40
	09/02/04	431.50	NA	6.68	NA	424.82	0.00	424.82
	09/22/04	431.50	NA	7.89	NA	423.61	0.00	423.61
	10/20/04	431.50	NA	7.61	NA	423.89	0.00	423.89
	11/15/04	431.50	NA	5.38	NA	426.12	0.00	426.12

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-50	12/08/04	431.47	NA	2.79	NA	428.68	0.00	428.68
RB-51	01/28/04	431.58	NA	31.01	NA	400.57	0.00	400.57
	04/21/04	431.58	NA	29.24	NA	402.34	0.00	402.34
	05/27/04	431.58	NA	28.70	NA	402.88	0.00	402.88
	06/03/04	431.58	NA	27.78	NA	403.80	0.00	403.80
	06/10/04	431.58	26.90	26.91	404.68	404.67	0.01	404.68
	06/17/04	431.58	–	–	–	–	–	–
	06/23/04	431.58	25.86	25.87	405.72	405.71	0.01	405.72
	06/30/04	431.58	NA	25.60	NA	405.98	0.00	405.98
	07/08/04	431.58	–	–	–	–	–	–
	07/14/04	431.58	NA	26.26	NA	405.32	0.00	405.32
	**7/21/2004	431.58	NA	8.81	NA	422.77	0.00	422.77
	07/29/04	431.58	NA	27.09	NA	404.49	0.00	404.49
	08/04/04	431.58	NA	27.45	NA	404.13	0.00	404.13
	08/11/04	431.58	NA	27.81	NA	403.77	0.00	403.77
	08/19/04	431.58	NA	28.32	NA	403.26	0.00	403.26
	08/27/04	431.58	NA	28.75	NA	402.83	0.00	402.83
	09/02/04	431.58	NA	28.29	NA	403.29	0.00	403.29
	09/22/04	431.58	NA	29.29	NA	402.29	0.00	402.29
	10/20/04	431.58	NA	30.10	NA	401.48	0.00	401.48
	11/15/04	431.58	NA	29.84	NA	401.74	0.00	401.74
	12/08/04	431.54	NA	29.37	NA	402.17	0.00	402.17
RB-52*	01/28/04	432.02	NA	32.96	NA	399.06	0.00	399.06
	04/21/04	432.02	NA	31.26	NA	400.76	0.00	400.76
	05/27/04	432.02	–	–	–	–	–	–
	06/03/04	432.02	–	–	–	–	–	–
	06/10/04	432.02	–	–	–	–	–	–
	06/17/04	432.02	–	–	–	–	–	–
	06/23/04	432.02	–	–	–	–	–	–
	07/08/04	432.02	–	–	–	–	–	–
	07/14/04	432.02	–	–	–	–	–	–
	07/20/04	432.02	–	–	–	–	–	–
	07/28/04	432.02	–	–	–	–	–	–

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-52*	08/03/04	432.02	--	--	--	--	--	--
	08/11/04	432.02	--	--	--	--	--	--
	08/17/04	432.02	--	--	--	--	--	--
	08/27/04	432.02	--	--	--	--	--	--
	09/02/04	432.02	--	--	--	--	--	--
	09/21/04	432.02	--	--	--	--	--	--
	10/19/04	432.02	32.29	32.51	399.73	399.51	0.22	399.68
	11/15/04	432.02	--	--	--	--	--	--
	12/08/04	431.97	--	--	--	--	--	--
RB-53*	01/28/04	433.84	34.55	34.56	399.29	399.28	0.01	399.29
	04/20/04	433.84	NA	32.37	NA	401.47	0.00	401.47
	05/27/04	433.84	--	--	--	--	--	--
	06/03/04	433.84	--	--	--	--	--	--
	06/10/04	433.84	--	--	--	--	--	--
	06/17/04	433.84	--	--	--	--	--	--
	06/23/04	433.84	--	--	--	--	--	--
	06/30/04	433.84	28.40	31.91	405.44	401.93	3.51	404.67
	07/08/04	433.84	--	--	--	--	--	--
	07/14/04	433.84	--	--	--	--	--	--
	07/20/04	433.84	--	--	--	--	--	--
	07/28/04	433.84	--	--	--	--	--	--
	08/03/04	433.84	--	--	--	--	--	--
	08/11/04	433.84	--	--	--	--	--	--
	08/17/04	433.84	--	--	--	--	--	--
	08/27/04	433.84	--	--	--	--	--	--
	09/02/04	433.84	31.81	32.76	402.03	401.08	0.95	401.82
	09/22/04	433.84	32.40	35.50	401.44	398.34	3.10	400.76
	10/19/04	433.84	32.87	35.53	400.97	398.31	2.66	400.38
	11/15/04	433.84	--	--	--	--	--	--
	12/06/04	433.31	--	--	--	--	--	--
RB-54	01/27/04	431.88	NA	20.11	NA	411.77	0.00	411.77
	04/20/04	431.88	NA	21.58	NA	410.30	0.00	410.30
	05/27/04	431.88	NA	17.54	NA	414.34	0.00	414.34

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-54	06/03/04	431.88	NA	16.62	NA	415.26	0.00	415.26
	06/10/04	431.88	NA	17.63	NA	414.25	0.00	414.25
	06/17/04	431.88	NA	16.65	NA	415.23	0.00	415.23
	06/23/04	431.88	NA	15.17	NA	416.71	0.00	416.71
	06/30/04	431.88	NA	16.89	NA	414.99	0.00	414.99
	07/08/04	431.88	NA	15.54	NA	416.34	0.00	416.34
	07/14/04	431.88	NA	17.15	NA	414.73	0.00	414.73
	07/20/04	431.88	NA	18.33	NA	413.55	0.00	413.55
	07/28/04	431.88	NA	19.27	NA	412.61	0.00	412.61
	08/03/04	431.88	NA	17.55	NA	414.33	0.00	414.33
	08/11/04	431.88	NA	18.99	NA	412.89	0.00	412.89
	08/19/04	431.88	NA	19.66	NA	412.22	0.00	412.22
	08/27/04	431.88	NA	19.37	NA	412.51	0.00	412.51
	09/02/04	431.88	NA	20.03	NA	411.85	0.00	411.85
	09/21/04	431.88	NA	21.12	NA	410.76	0.00	410.76
	10/19/04	431.88	NA	21.94	NA	409.94	0.00	409.94
	11/15/04	431.88	NA	20.35	NA	411.53	0.00	411.53
	12/06/04	431.79	NA	18.28	NA	413.51	0.00	413.51
RB-55*	01/28/04	434.21	33.39	33.40	400.82	400.81	0.01	400.82
	04/21/04	434.21	29.97	37.42	404.24	396.79	7.45	402.60
	05/27/04	434.21	--	--	--	--	--	--
	06/03/04	434.21	--	--	--	--	--	--
	06/10/04	434.21	--	--	--	--	--	--
	06/17/04	434.21	--	--	--	--	--	--
	06/23/04	434.21	--	--	--	--	--	--
	07/08/04	434.21	--	--	--	--	--	--
	07/14/04	434.21	--	--	--	--	--	--
	07/20/04	434.21	--	--	--	--	--	--
	07/28/04	434.21	--	--	--	--	--	--
	08/03/04	434.21	--	--	--	--	--	--
	08/11/04	434.21	--	--	--	--	--	--
	08/17/04	434.21	--	--	--	--	--	--
	08/27/04	434.21	--	--	--	--	--	--
	09/02/04	434.21	--	--	--	--	--	--

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RB-55*	09/21/04	434.21	--	--	--	--	--	--
	10/19/04	434.21	31.46	37.59	402.75	396.62	6.13	401.40
	11/15/04	434.21	--	--	--	--	--	--
	12/06/04	433.82	--	--	--	--	--	--
RB-56*	01/28/04	431.91	32.16	35.64	399.75	396.27	3.48	398.98
	04/21/04	431.91	31.35	33.40	400.56	398.51	2.05	400.11
	05/27/04	431.91	--	--	--	--	--	--
	06/03/04	431.91	--	--	--	--	--	--
	06/10/04	431.91	--	--	--	--	--	--
	06/17/04	431.91	--	--	--	--	--	--
	06/23/04	431.91	--	--	--	--	--	--
	07/08/04	431.91	--	--	--	--	--	--
	07/14/04	431.91	--	--	--	--	--	--
	07/20/04	431.91	--	--	--	--	--	--
	07/28/04	431.91	--	--	--	--	--	--
	08/03/04	431.91	--	--	--	--	--	--
	08/11/04	431.91	--	--	--	--	--	--
	08/17/04	431.91	--	--	--	--	--	--
	08/27/04	431.91	--	--	--	--	--	--
	09/02/04	431.91	--	--	--	--	--	--
	09/21/04	431.91	--	--	--	--	--	--
	10/19/04	431.91	32.39	35.67	399.52	396.24	3.28	398.80
	11/15/04	431.91	--	--	--	--	--	--
	12/06/04	431.89	--	--	--	--	--	--
GB-1	01/27/04	431.55	NA	29.07	NA	402.48	0.00	402.48
	04/20/04	431.55	NA	29.41	NA	402.14	0.00	402.14
	05/27/04	431.55	NA	28.83	NA	402.72	0.00	402.72
	06/03/04	431.55	NA	28.79	NA	402.76	0.00	402.76
	06/10/04	431.55	NA	28.76	NA	402.79	0.00	402.79
	06/17/04	431.55	NA	28.83	NA	402.72	0.00	402.72
	06/23/04	431.55	NA	28.58	NA	402.97	0.00	402.97
	06/30/04	431.55	NA	28.51	NA	403.04	0.00	403.04
	07/08/04	431.55	NA	28.37	NA	403.18	0.00	403.18

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GB-1	07/13/04	431.55	NA	28.25	NA	403.30	0.00	403.30
	07/20/04	431.55	NA	28.43	NA	403.12	0.00	403.12
	07/28/04	431.55	NA	28.63	NA	402.92	0.00	402.92
	08/03/04	431.55	NA	28.46	NA	403.09	0.00	403.09
	08/11/04	431.55	NA	28.57	NA	402.98	0.00	402.98
	08/17/04	431.55	NA	28.67	NA	402.88	0.00	402.88
	08/27/04	431.55	NA	28.91	NA	402.64	0.00	402.64
	09/02/04	431.55	NA	28.92	NA	402.63	0.00	402.63
	09/21/04	431.55	NA	29.15	NA	402.40	0.00	402.40
	10/18/04	431.55	NA	29.38	NA	402.17	0.00	402.17
	11/15/04	431.55	NA	29.31	NA	402.24	0.00	402.24
	12/08/04	431.59	NA	28.97	NA	402.62	0.00	402.62
GB-6	01/27/04	430.53	NA	29.44	NA	401.09	0.00	401.09
	04/20/04	430.53	NA	29.62	NA	400.91	0.00	400.91
	05/27/04	430.53	NA	29.38	NA	401.15	0.00	401.15
	06/03/04	430.53	NA	29.49	NA	401.04	0.00	401.04
	06/10/04	430.53	NA	29.32	NA	401.21	0.00	401.21
	06/17/04	430.53	NA	29.40	NA	401.13	0.00	401.13
	06/23/04	430.53	NA	29.25	NA	401.28	0.00	401.28
	06/30/04	430.53	NA	28.48	NA	402.05	0.00	402.05
	07/08/04	430.53	NA	29.17	NA	401.36	0.00	401.36
	07/13/04	430.53	NA	29.10	NA	401.43	0.00	401.43
	07/20/04	430.53	NA	29.17	NA	401.36	0.00	401.36
	07/28/04	430.53	NA	29.31	NA	401.22	0.00	401.22
	08/03/04	430.53	NA	29.13	NA	401.40	0.00	401.40
	08/11/04	430.53	NA	29.28	NA	401.25	0.00	401.25
	08/17/04	430.53	NA	29.29	NA	401.24	0.00	401.24
	08/27/04	430.53	NA	29.55	NA	400.98	0.00	400.98
	09/02/04	430.53	NA	29.52	NA	401.01	0.00	401.01
	09/21/04	430.53	NA	29.68	NA	400.85	0.00	400.85
	10/18/04	430.53	NA	29.71	NA	400.82	0.00	400.82
	11/15/04	430.53	NA	29.88	NA	400.65	0.00	400.65
	12/08/04	430.53	NA	29.74	NA	400.79	0.00	400.79

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
LP-4	01/27/04	432.53	NA	31.64	NA	400.89	0.00	400.89
	04/20/04	432.53	NA	31.36	NA	401.17	0.00	401.17
	05/27/04	432.53	NA	31.22	NA	401.31	0.00	401.31
	06/03/04	432.53	NA	31.29	NA	401.24	0.00	401.24
	06/10/04	432.53	NA	30.96	NA	401.57	0.00	401.57
	06/17/04	432.53	NA	30.84	NA	401.69	0.00	401.69
	06/23/04	432.53	NA	30.68	NA	401.85	0.00	401.85
	06/30/04	432.53	NA	30.43	NA	402.10	0.00	402.10
	07/08/04	432.53	NA	30.29	NA	402.24	0.00	402.24
	07/13/04	432.53	NA	30.10	NA	402.43	0.00	402.43
	07/20/04	432.53	NA	30.24	NA	402.29	0.00	402.29
	07/28/04	432.53	NA	30.44	NA	402.09	0.00	402.09
	08/03/04	432.53	NA	30.46	NA	402.07	0.00	402.07
	08/11/04	432.53	NA	30.56	NA	401.97	0.00	401.97
	08/17/04	432.53	NA	30.60	NA	401.93	0.00	401.93
	08/27/04	432.53	NA	30.93	NA	401.60	0.00	401.60
	09/02/04	432.53	NA	30.96	NA	401.57	0.00	401.57
	09/21/04	432.53	NA	31.19	NA	401.34	0.00	401.34
	10/19/04	432.53	NA	31.64	NA	400.89	0.00	400.89
	11/15/04	432.53	NA	31.75	NA	400.78	0.00	400.78
	12/08/04	432.55	NA	31.61	NA	400.94	0.00	400.94
T-1*	01/28/04	--	29.47	32.50	--	--	3.03	--
	04/21/04	--	28.55	30.61	--	--	2.06	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	25.95	27.85	--	--	1.90	--
	07/08/04	--	--	--	--	--	--	--
	07/13/04	--	--	--	--	--	--	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
T-1*	08/11/04	--	--	--	--	--	--	--
	08/17/04	--	--	--	--	--	--	--
	08/27/04	--	--	--	--	--	--	--
	09/02/04	--	--	--	--	--	--	--
	09/21/04	--	--	--	--	--	--	--
	10/20/04	--	28.94	31.84	--	--	2.90	--
	11/15/04	--	--	--	--	--	--	--
	12/08/04	431.44	--	--	--	--	--	--
MP-1S	04/21/04	--	NA	24.46	--	--	0.00	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	NA	23.14	--	--	0.00	
	07/08/04	--	NA	22.91	--	--	0.00	
	07/14/04	--	27.60	27.90	--	--	0.30	--
	07/20/04	--	NA	22.96	--	--	0.00	--
	07/28/04	--	NA	23.12	--	--	0.00	--
	08/03/04	--	23.15	23.16	--	--	0.01	--
	08/11/04	--	NA	23.30	--	--	0.00	--
	08/17/04	--	NA	23.34	--	--	0.00	--
	08/27/04	--	NA	23.42	--	--	0.00	--
	09/02/04	--	NA	23.57	--	--	0.00	--
	09/22/04	--	NA	23.90	--	--	0.00	--
	10/19/04	--	NA	24.34	--	--	0.00	--
	11/15/04	--	NA	24.55	--	--	0.00	--
	12/08/04	431.37	NA	24.14	NA	407.23	0.00	407.23
MP-1D	04/21/04	--	30.16	30.20	--	--	0.04	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-1D	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	26.63	26.95	--	--	0.32	--
	07/08/04	--	26.94	27.20	--	--	0.26	--
	07/14/04	--	NA	23.00	--	--	0.00	--
	07/20/04	--	27.90	28.18	--	--	0.28	--
	07/28/04	--	NA	28.62	--	--	0.00	--
	08/03/04	--	28.75	28.89	--	--	0.14	--
	08/11/04	--	NA	29.07	--	--	0.00	--
	08/17/04	--	NA	29.27	--	--	0.00	--
	08/27/04	--	NA	30.07	--	--	0.00	--
	09/02/04	--	NA	29.68	--	--	0.00	--
	09/22/04	--	NA	30.65	--	--	0.00	--
	10/19/04	--	NA	31.44	--	--	0.00	--
	11/15/04	--	NA	31.29	--	--	0.00	--
	12/08/04	431.04	NA	30.80	NA	400.24	0.00	400.24
MP-2S	04/21/04	--	NA	29.67	--	--	0.00	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	NA	25.94	--	--	0.00	--
	07/08/04	--	26.19	26.20	--	--	0.01	--
	07/14/04	--	NA	26.81	--	--	0.00	--
	07/20/04	--	27.13	27.14	--	--	0.01	--
	07/28/04	--	NA	27.74	--	--	0.00	--
	08/03/04	--	27.67	29.12	--	--	1.45	--
	08/11/04	--	27.90	29.32	--	--	1.42	--
	08/17/04	--	28.11	29.55	--	--	1.44	--
	08/27/04	--	26.99	27.07	--	--	0.08	--
	09/02/04	--	27.01	27.02	--	--	0.01	--
	09/22/04	--	NA	27.01	--	--	0.00	--
	10/19/04	--	NA	27.01	--	--	0.00	--
	11/15/04	--	NA	27.00	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-2S	12/08/04	430.66	NA	26.84	NA	403.82	0.00	403.82
MP-2D	04/21/04	--	NA	27.00	--	--	0.00	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	25.80	27.00	--	--	1.20	--
	07/08/04	--	26.01	27.00	--	--	0.99	--
	07/14/04	--	26.74	26.99	--	--	0.25	--
	07/20/04	--	26.85	26.98	--	--	0.13	--
	07/28/04	--	NA	26.84	--	--	0.00	--
	08/03/04	--	26.98	27.03	--	--	0.05	--
	08/11/04	--	26.98	27.02	--	--	0.04	--
	08/17/04	--	26.98	27.02	--	--	0.04	--
	08/27/04	--	28.72	30.52	--	--	1.80	--
	09/02/04	--	28.76	29.89	--	--	1.13	--
	09/22/04	--	29.27	30.99	--	--	1.72	--
	10/19/04	--	30.02	32.03	--	--	2.01	--
	11/15/04	--	30.23	31.76	--	--	1.53	--
	12/08/04	430.27	29.99	30.94	400.28	399.33	0.95	400.07
MP-3S	04/21/04	--	NA	29.26	--	--	0.00	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	NA	25.90	--	--	0.00	--
	07/08/04	--	NA	26.12	--	--	0.00	--
	07/14/04	--	NA	26.78	--	--	0.00	--
	07/20/04	--	NA	27.12	--	--	0.00	--
	07/28/04	--	NA	27.76	--	--	0.00	--
	08/03/04	--	NA	27.95	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-3S	08/11/04	--	NA	28.20	--	--	0.00	--
	08/17/04	--	NA	28.38	--	--	0.00	--
	08/27/04	--	NA	18.09	--	--	0.00	--
	09/02/04	--	NA	18.26	--	--	0.00	--
	09/22/04	--	NA	19.02	--	--	0.00	--
	10/19/04	--	NA	19.98	--	--	0.00	--
	11/15/04	--	NA	19.47	--	--	0.00	--
	12/08/04	430.59	NA	18.33	NA	412.26	0.00	412.26
MP-3D	04/21/04	--	NA	18.66	--	--	0.00	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	NA	16.79	--	--	0.00	--
	07/08/04	--	NA	16.64	--	--	0.00	--
	07/14/04	--	NA	16.85	--	--	0.00	--
	07/20/04	--	NA	17.10	--	--	0.00	--
	**7/28/04	--	NA	11.47	--	--	0.00	--
	08/03/04	--	NA	17.43	--	--	0.00	--
	08/11/04	--	NA	17.62	--	--	0.00	--
	08/17/04	--	NA	17.81	--	--	0.00	--
	08/27/04	--	NA	30.27	--	--	0.00	--
	09/02/04	--	NA	29.98	--	--	0.00	--
	09/22/04	--	NA	30.92	--	--	0.00	--
	10/19/04	--	NA	30.52	--	--	0.00	--
	11/15/04	--	NA	30.33	--	--	0.00	--
	12/08/04	430.51	NA	29.99	NA	400.52	0.00	400.52
MP-4S	04/21/04	--	--	--	--	--	--	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-4S	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	26.25	26.28	--	--	0.03	--
	07/08/04	--	26.64	26.69	--	--	0.05	--
	07/14/04	--	26.65	29.36	--	--	2.71	--
	07/20/04	--	27.01	29.44	--	--	2.43	--
	07/28/04	--	27.79	29.72	--	--	1.93	--
	08/03/04	--	27.96	29.86	--	--	1.90	--
	08/11/04	--	28.22	30.07	--	--	1.85	--
	08/17/04	--	28.50	30.22	--	--	1.72	--
	08/27/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/22/04	--	NA	DRY	--	--	0.00	--
	10/19/04	--	NA	DRY	--	--	0.00	--
	11/15/04	--	NA	DRY	--	--	0.00	--
	12/08/04	430.42	NA	25.64	NA	404.78	0.00	404.78
MP-4D	04/21/04	--	--	--	--	--	--	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	NA	25.77	--	--	0.00	--
	07/08/04	--	NA	25.48	--	--	0.00	--
	07/14/04	--	NA	25.60	--	--	0.00	--
	07/20/04	--	NA	25.71	--	--	0.00	--
	07/28/04	--	NA	25.94	--	--	0.00	--
	08/03/04	--	26.15	26.16	--	--	0.01	--
	08/11/04	--	NA	26.40	--	--	0.00	--
	08/17/04	--	NA	DRY	--	--	0.00	--
	08/27/04	--	29.29	30.78	--	--	1.49	--
	09/02/04	--	29.00	30.08	--	--	1.08	--
	09/22/04	--	29.86	31.10	--	--	1.24	--
	10/19/04	--	30.63	32.64	--	--	2.01	--
	11/15/04	--	30.57	31.57	--	--	1.00	--

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MP-4D	12/08/04	430.42	30.24	31.31	400.18	399.11	1.07	399.94
SVE-1S	04/21/04	--	--	--	--	--	--	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	--	--	--	--	--	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	--	--	--	--	--	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/17/04	--	--	--	--	--	--	--
	08/27/04	--	25.87	25.88	--	--	0.01	--
	09/02/04	--	27.46	27.47	--	--	0.01	--
	09/22/04	--	NA	26.25	--	--	0.00	--
	10/20/04	--	NA	26.32	--	--	0.00	--
	11/15/04	--	26.43	26.45	--	--	0.02	--
	12/08/04	431.11	NA	26.37	NA	404.74	0.00	404.74
SVE-1D*	04/20/04	--	29.65	29.71	--	--	0.06	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	--	--	--	--	--	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	--	--	--	--	--	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
SVE-1D*	08/11/04	--	--	--	--	--	--	--
	08/17/04	--	--	--	--	--	--	--
	08/27/04	--	NA	29.68	--	--	0.00	--
	09/02/04	--	NA	29.34	--	--	0.00	--
	09/22/04	--	NA	30.47	--	--	0.00	--
	10/20/04	--	NA	31.06	--	--	0.00	--
	11/15/04	--	NA	30.95	--	--	0.00	--
	12/08/04	430.66	--	--	--	--	--	--
Product Pipeline Sump	04/21/04	--	13.79	13.80	--	--	0.01	
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	NA	13.40	--	--	0.00	--
	06/10/04	--	13.38	13.39	--	--	0.01	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	NA	13.09	--	--	0.00	--
	06/30/04	--	NA	14.15	--	--	0.00	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	NA	13.93	--	--	0.00	--
	07/20/04	--	NA	13.92	--	--	0.00	--
	07/28/04	--	NA	13.89	--	--	0.00	--
	08/03/04	--	NA	13.65	--	--	0.00	--
	08/11/04	--	NA	13.61	--	--	0.00	--
	08/17/04	--	NA	13.59	--	--	0.00	--
	08/27/04	--	NA	13.45	--	--	0.00	--
	09/02/04	--	NA	13.43	--	--	0.00	--
	09/21/04	--	NA	13.37	--	--	0.00	--
	10/20/04	--	NA	13.95	--	--	0.00	--
	11/15/04	--	NA	13.67	--	--	0.00	--
	12/08/04	--	--	--	--	--	--	--
RMW-1A	12/08/04	429.79	--	--	--	--	--	--
RMW-1B	12/08/04	429.73	--	--	--	--	--	--

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Premcor Facility

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RMW-1C	12/08/04	429.48	--	--	--	--	--	--
RMW-2A	11/15/04	--	NA	21.83	--	--	0.00	--
	12/06/04	433.61	NA	21.83	NA	411.78	0.00	411.78
RMW-2B	11/15/04	--	NA	26.87	--	--	0.00	--
	12/06/04	433.63	NA	26.75	NA	406.88	0.00	406.88
RMW-2C	11/15/04	--	NA	33.77	--	--	0.00	--
	12/06/04	433.32	NA	33.32	NA	400.00	0.00	400.00
RMW-3A	11/15/04	--	NA	21.80	--	--	0.00	--
	12/06/04	434.06	NA	21.07	NA	412.99	0.00	412.99
RMW-3B	12/08/04	433.97	34.02	37.04	399.95	396.93	3.02	399.29
RMW-4A	11/15/04	--	NA	19.07	--	--	0.00	--
	12/06/04	433.09	NA	17.93	NA	415.16	0.00	415.16
RMW-4B	12/06/04	433.14	NA	30.55	NA	402.59	0.00	402.59
RMW-4C	12/06/04	433.17	NA	33.46	NA	399.71	0.00	399.71
RMW-5A	12/08/04	431.87	--	--	--	--	--	--
RMW-5B	12/08/04	432.03	--	--	--	--	--	--
RMW-5C	12/08/04	432.03	--	--	--	--	--	--
RMW-6A	12/08/04	430.57	--	--	--	--	--	--
RMW-6B	12/08/04	430.56	--	--	--	--	--	--
RMW-6C	12/08/04	430.53	--	--	--	--	--	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RMW-6D	12/08/04	430.57	–	–	–	–	–	–
RMW-7A	12/08/04	429.17	–	–	–	–	–	–
RMW-7B	12/08/04	429.28	–	–	–	–	–	–
RMW-7C	12/08/04	429.41	–	–	–	–	–	–
RMW-8A	12/08/04	432.58	–	–	–	–	–	–
RMW-8B	12/08/04	432.54	–	–	–	–	–	–
RMW-9A	12/08/04	430.75	–	–	–	–	–	–
RMW-9B	12/08/04	430.73	–	–	–	–	–	–
RMW-10A	12/08/04	430.60	–	–	–	–	–	–
RMW-10B	12/08/04	430.47	–	–	–	–	–	–
RMW-11A	12/08/04	429.74	–	–	–	–	–	–
RMW-11B	12/08/04	429.91	–	–	–	–	–	–
RMW-11C	12/08/04	430.32	–	–	–	–	–	–
RMW-12A	12/08/04	432.47	–	–	–	–	–	–
RMW-12B	12/08/04	432.28	–	–	–	–	–	–
RMW-12C	12/08/04	432.61	–	–	–	–	–	–
RMW-13A	12/08/04	429.29	–	–	–	–	–	–

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
RMW-13B	12/08/04	429.29	NA	20.62	NA	408.67	0.00	408.67
RMW-13C	12/08/04	429.11	NA	28.95	NA	400.16	0.00	400.16
RMW-14A	12/08/04	433.12	--	--	--	--	--	--
RMW-14B	12/08/04	433.16	--	--	--	--	--	--
RMW-14C	12/08/04	433.14	--	--	--	--	--	--
RMW-15A	12/08/04	433.04	--	--	--	--	--	--
RMW-15B	12/08/04	433.04	--	--	--	--	--	--
RMW-15C	12/08/04	433.04	--	--	--	--	--	--
RMW-16A	12/08/04	430.07	NA	29.03	NA	401.04	0.00	401.04
RMW-16B	12/08/04	430.12	NA	29.46	NA	400.66	0.00	400.66
RMW-17A	12/08/04	431.81	--	--	--	--	--	--
RMW-17B	12/08/04	431.76	--	--	--	--	--	--
RMW-18A	12/08/04	429.60	--	--	--	--	--	--
RMW-18B	12/08/04	429.42	--	--	--	--	--	--
RMW-19A	12/08/04	431.31	--	--	--	--	--	--
RMW-19B	12/08/04	431.71	--	--	--	--	--	--
RMW-20A	12/08/04	431.56	--	--	--	--	--	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
RMW-20B	12/08/04	431.61	–	–	–	–	–	–
RMW-21A	12/08/04	432.15	–	–	–	–	–	–
RMW-21B	12/08/04	432.10	–	–	–	–	–	–
RMW-22A	12/08/04	430.84	–	–	–	–	–	–
RMW-22B	12/08/04	430.72	–	–	–	–	–	–
RMW-23A	12/08/04	430.45	NA	28.08	NA	402.37	0.00	402.37
RMW-24A	11/15/04	–	NA	22.42	–	–	0.00	–
	12/06/04	433.25	NA	22.42	NA	410.83	0.00	410.83
RMW-24B	11/15/04	–	NA	29.21	–	–	0.00	–
	12/06/04	433.24	NA	28.96	NA	404.28	0.00	404.28
RMW-24C	11/15/04	–	NA	33.80	–	–	0.00	–
	12/06/04	433.24	NA	33.39	NA	399.85	0.00	399.85
RMW-25A	11/15/04	–	NA	33.56	–	–	0.00	–
	12/06/04	433.53	NA	32.87	NA	400.66	0.00	400.66
RMW-25B	11/15/04	–	NA	34.24	–	–	0.00	–
	12/06/04	433.58	NA	33.81	NA	399.77	0.00	399.77
RMW-26A	11/15/04		NA	DRY	–		0.00	
	12/06/04	432.92						
RMW-26B	11/15/04	–	NA	23.89	–	–	0.00	–
	12/06/04	433.01	NA	22.96	NA	410.05	0.00	410.05

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
RMW-26C	11/15/04	--	NA	32.69	--	--	0.00	--
	12/06/04	432.79	NA	31.90	NA	400.89	0.00	400.89
RMW-26D	11/15/04	--	NA	33.14	--	--	0.00	--
	12/06/04	432.43	NA	32.71	NA	399.72	0.00	399.72
RMW-27A	11/15/04	--	NA	25.28	--	--	0.00	--
	12/08/04	429.81	NA	25.30	NA	404.51	0.00	404.51
RMW-27B	11/15/04	--	NA	DRY	--		0.00	
	12/08/04	429.81						
RMW-28A	12/08/04	432.42	NA	DRY	NA	NA	0.00	NA
RMW-28B	12/08/04	432.42	--	--	--	--	--	--
RMW-28C	12/08/04	432.54	--	--	--	--	--	--
RMW-29A	12/08/04	432.65	--	--	--	--	--	--
RMW-30A	12/08/04	428.96	--	--	--	--	--	--
RMW-30B	12/08/04	428.89	--	--	--	--	--	--
RMW-31A	12/08/04	433.27	--	--	--	--	--	--
RMW-31B	12/08/04	433.32	--	--	--	--	--	--
RMW-32A	12/08/04	429.52	--	--	--	--	--	--
RMW-32B	12/08/04	429.39	--	--	--	--	--	--
RMW-33A	12/08/04	434.59	--	--	--	--	--	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
RMW-33B	12/08/04	434.51	NA	21.36	NA	413.15	0.00	413.15
RMW-33C	12/08/04	434.59	NA	34.02	NA	400.57	0.00	400.57
RMW-33D	12/08/04	434.65	NA	35.73	NA	398.92	0.00	398.92
RMW-34A	12/08/04	432.20	NA	12.22	NA	419.98	0.00	419.98
RMW-34B	12/08/04	431.99	--	--	--	--	--	--
RMW-34C	12/08/04	432.04	NA	33.26	NA	398.78	0.00	398.78
RMW-35A	12/08/04	432.13	--	--	--	--	--	--
RMW-35B	12/08/04	432.44	--	--	--	--	--	--
RMW-35C	12/08/04	431.18	--	--	--	--	--	--
RMW-36A	12/08/04	431.69	--	--	--	--	--	--
RMW-36B	12/08/04	431.52	--	--	--	--	--	--
RMW-36C	12/08/04	431.81	--	--	--	--	--	--
RMW-37A	12/08/04	433.59	--	--	--	--	--	--
RMW-37B	12/08/04	434.23	--	--	--	--	--	--
RMW-38A	12/08/04	433.32	--	--	--	--	--	--
MW-1	10/22/04		NA	20.93	--	--	0.00	--
	11/17/04		NA	18.88	--	--	0.00	--
	12/07/04	420.50	NA	15.64	NA	404.86	0.00	404.86
MW-2	10/22/04		NA	20.55	--	--	0.00	--
	11/17/04		NA	18.66	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MW-2	12/07/04	419.58	NA	15.91	NA	403.67	0.00	403.67
MW-3	10/22/04		NA	22.31	--	--	0.00	--
	11/17/04		NA	20.26	--	--	0.00	--
	12/07/04	421.43	NA	17.74	NA	403.69	0.00	403.69
MW-4	10/22/04		NA	22.86	--	--	0.00	--
	11/17/04		NA	20.83	--	--	0.00	--
	12/07/04	421.42	NA	18.82	NA	402.60	0.00	402.60

NOTES:

NA = Not Applicable
-- = No data
[1] Piezometric surface elevation = [(A)-(C)]+S.G.[(C)-(B)]
* Well contains product recovery pump.
** = Depth to water anomaly
SG = Specific gravity of hydrocarbon determined to be an average of 0.78 on the Premcor facility for data recorded during and after 9/03.
MP- and SVE-series installed by Clayton in 6/03. MP-series installed as vacuum monitoring probes. SVE-series installed as soil vapor extraction wells. MP- and SVE-series not appropriate for determining groundwater flow.
RMW-series installed by Clayton during Fall 2004.
Remaining wells installed by others including the MW-series located at the Premcor River Dock.
All TOC elevations surveyed to USGS datum by CMT in 12/04 through 1/05.
TOC elevations, prior to 12/04, were rotated and adjusted to match USGS datum (datum used to survey Village wells). This rotation and adjustment of original survey data (obtained in 6/02 by CMT, Inc.) was completed in 1/04 by CMT.
No survey data existed prior to 12/04 for the MP- and SVE-series, and RB-13, T-1, TH2-88@P7 well and RB-08 (recovery well) wells.

Clayton
GROUP SERVICES

2005 GROUNDWATER ELEVATIONS/APPARENT PRODUCT THICKNESS

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-1	01/20/05	430.28	NA	26.90	NA	403.38	0.00	403.38
	02/23/05	430.28	NA	29.68	NA	400.60	0.00	400.60
	03/18/05	430.28	NA	27.30	NA	402.98	0.00	402.98
	04/13/05	430.28	NA	28.82	NA	401.46	0.00	401.46
	05/12/05	430.28	NA	29.21	NA	401.07	0.00	401.07
TH2-88 @P7 Well	01/21/05	430.88	NA	28.93	NA	401.95	0.00	401.95
	02/23/05	430.88	NA	28.23	NA	402.65	0.00	402.65
	03/18/05	430.88	NA	28.69	NA	402.19	0.00	402.19
	04/13/05	430.88	NA	29.26	NA	401.62	0.00	401.62
	05/12/05	430.88	NA	29.11	NA	401.77	0.00	401.77
RB-08P Recovery Well	01/21/05	433.41	28.99	30.67	404.42	402.74	1.68	404.05
	02/23/05	433.41	28.52	29.61	404.89	403.80	1.09	404.65
	03/17/05	433.41	29.63	30.06	403.78	403.35	0.43	403.69
	04/13/05	433.41	30.56	30.95	402.85	402.46	0.39	402.76
	05/11/05	433.41	Recovery Pump					
RB-08 2" piezometer	01/21/05	--	NA	22.27	--	--	0.00	--
	02/23/05	--	NA	21.83	--	--	0.00	--
	03/17/05	--	NA	22.68	--	--	0.00	--
	04/13/05	--	NA	23.53	--	--	0.00	--
	05/11/05	--	NA	23.75	--	--	0.00	--
RB-10*	01/21/05	430.32	28.31	30.83	402.01	399.49	2.52	401.46
	02/23/05	430.32	Recovery Pump					
	03/17/05	430.32						
	04/13/05	430.32	27.79	34.47	402.53	395.85	6.68	401.06
	05/12/05	430.32	Recovery Pump					

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RB-13	01/21/05	430.79	NA	28.23	NA	402.56	0.00	402.56
	02/23/05	430.79	NA	27.40	NA	403.39	0.00	403.39
	03/18/05	430.79	NA	27.51	NA	403.28	0.00	403.28
	04/13/05	430.79	NA	28.84	NA	401.95	0.00	401.95
	05/11/05	430.79	NA	28.60	NA	402.19	0.00	402.19
RB-22	01/21/05	431.06	NA	29.06	NA	402.00	0.00	402.00
	02/23/05	431.06	NA	28.08	NA	402.98	0.00	402.98
	03/18/05	431.06	NA	28.70	NA	402.36	0.00	402.36
	04/12/05	431.06	NA	28.99	NA	402.07	0.00	402.07
	05/12/05	431.06	NA	28.90	NA	402.16	0.00	402.16
RB-25	01/20/05	432.10	NA	30.58	NA	401.52	0.00	401.52
	02/23/05	432.10	NA	29.51	NA	402.59	0.00	402.59
	03/18/05	432.10	NA	30.73	NA	401.37	0.00	401.37
	04/13/05	432.10	NA	31.41	NA	400.69	0.00	400.69
	05/11/05	432.10	NA	31.74	NA	400.36	0.00	400.36
RB-26	01/21/05	430.05	NA	28.88	NA	401.17	0.00	401.17
	02/23/05	430.05	NA	28.15	NA	401.90	0.00	401.90
	03/18/05	430.05	NA	29.04	NA	401.01	0.00	401.01
	04/13/05	430.05	NA	29.81	NA	400.24	0.00	400.24
	05/11/05	430.05	NA	29.64	NA	400.41	0.00	400.41
RB-29	01/20/05	431.97	12.02	12.09	419.95	419.88	0.07	419.93
	02/23/05	431.97	12.13	12.22	419.84	419.75	0.09	419.82
	03/18/05	431.97	12.80	12.87	419.17	419.10	0.07	419.15
	04/13/05	431.97	13.25	13.40	418.72	418.57	0.15	418.69
	05/12/05	431.97	13.67	13.95	418.30	418.02	0.28	418.24

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RB-30	01/21/05	431.94	NA	30.44	NA	401.50	0.00	401.50
	02/23/05	431.94	NA	29.74	NA	402.20	0.00	402.20
	03/18/05	431.94	NA	29.98	NA	401.96	0.00	401.96
	04/13/05	431.94	NA	30.51	NA	401.43	0.00	401.43
	05/12/05	431.94	NA	30.37	NA	401.57	0.00	401.57
RB-35	01/21/05	429.49	25.67	29.88	403.82	399.61	4.21	402.89
	02/23/05	429.49	Recovery Pump					
	04/13/05	429.49	27.12	28.96	402.37	400.53	1.84	401.97
	05/11/05	429.49	Recovery Pump					
RB-36	01/20/05	429.21	NA	21.55	NA	407.66	0.00	407.66
	02/23/05	429.21	NA	21.16	NA	408.05	0.00	408.05
	03/18/05	429.21	NA	20.47	NA	408.74	0.00	408.74
	04/13/05	429.21	NA	20.61	NA	408.60	0.00	408.60
	05/12/05	429.21	NA	21.06	NA	408.15	0.00	408.15
RB-37*	01/20/05	428.52	25.95	32.31	402.57	396.21	6.36	401.17
	02/23/05	428.52	Recovery Pump					
	04/13/05	428.52	26.73	32.32	401.79	396.20	5.59	400.56
	05/11/05	428.52	Recovery Pump					
RB-38	01/20/05	433.73	NA	33.11	NA	400.62	0.00	400.62
	02/23/05	433.73	NA	32.52	NA	401.21	0.00	401.21
	03/17/05	433.73	NA	32.47	NA	401.26	0.00	401.26
	04/12/05	433.73	NA	32.72	NA	401.01	0.00	401.01
	05/11/05	433.73	NA	32.73	NA	401.00	0.00	401.00
RB-39	01/20/05	431.54	NA	20.75	NA	410.79	0.00	410.79
	02/23/05	431.54	NA	21.03	NA	410.51	0.00	410.51
	03/18/05	431.54	NA	23.69	NA	407.85	0.00	407.85

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
RB-39	04/13/05	431.54	NA	25.29	NA	406.25	0.00	406.25
	05/11/05	431.54	NA	26.36	NA	405.18	0.00	405.18
RB-40	01/20/05	433.51	NA	32.83	NA	400.68	0.00	400.68
	02/23/05	433.51	NA	32.18	NA	401.33	0.00	401.33
	03/18/05	433.51	NA	32.07	NA	401.44	0.00	401.44
	04/12/05	433.51	NA	32.13	NA	401.38	0.00	401.38
	05/11/05	433.51	NA	32.17	NA	401.34	0.00	401.34
RB-41	01/20/05	433.25	NA	32.79	NA	400.46	0.00	400.46
	02/23/05	433.25	NA	31.18	NA	402.07	0.00	402.07
	03/18/05	433.25	NA	31.96	NA	401.29	0.00	401.29
	04/12/05	433.25	NA	31.86	NA	401.39	0.00	401.39
	05/12/05	433.25	NA	32.02	NA	401.23	0.00	401.23
RB-42	01/20/05	428.47	NA	27.70	NA	400.77	0.00	400.77
	02/23/05	428.47	NA	27.27	NA	401.20	0.00	401.20
	03/18/05	428.47	NA	27.07	NA	401.40	0.00	401.40
	04/12/05	428.47	NA	27.01	NA	401.46	0.00	401.46
	05/12/05	428.47	NA	27.00	NA	401.47	0.00	401.47
RB-43	01/20/05	427.99	NA	24.70	NA	403.29	0.00	403.29
	02/23/05	427.99	NA	24.53	NA	403.46	0.00	403.46
	03/18/05	427.99	NA	24.42	NA	403.57	0.00	403.57
	04/12/05	427.99	NA	24.40	NA	403.59	0.00	403.59
	05/12/05	427.99	NA	24.25	NA	403.74	0.00	403.74
RB-44	01/20/05	432.99	NA	29.44	NA	403.55	0.00	403.55
	02/23/05	432.99	NA	29.28	NA	403.71	0.00	403.71
	03/18/05	432.99	NA	29.40	NA	403.59	0.00	403.59
	04/12/05	432.99	NA	29.55	NA	403.44	0.00	403.44

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RB-44	05/12/05	432.99	NA	29.51	NA	403.48	0.00	403.48
RB-45	01/20/05	431.95	NA	28.73	NA	403.22	0.00	403.22
	02/23/05	431.95	NA	28.39	NA	403.56	0.00	403.56
	03/18/05	431.95	NA	28.52	NA	403.43	0.00	403.43
	04/12/05	431.95	NA	28.77	NA	403.18	0.00	403.18
	05/12/05	431.95	NA	28.78	NA	403.17	0.00	403.17
RB-46	01/21/05	430.61	NA	28.63	NA	401.98	0.00	401.98
	02/23/05	430.61	NA	27.61	NA	403.00	0.00	403.00
	03/18/05	430.61	NA	28.12	NA	402.49	0.00	402.49
	04/12/05	430.61	NA	28.41	NA	402.20	0.00	402.20
	05/12/05	430.61	NA	28.37	NA	402.24	0.00	402.24
RB-47	01/21/05	431.05	NA	29.33	NA	401.72	0.00	401.72
	02/23/05	431.05	NA	28.25	NA	402.80	0.00	402.80
	03/18/05	431.05	NA	28.91	NA	402.14	0.00	402.14
	04/12/05	431.05	NA	29.18	NA	401.87	0.00	401.87
	05/12/05	431.05	NA	29.12	NA	401.93	0.00	401.93
RB-48*	01/21/05	431.36	27.48	28.55	403.88	402.81	1.07	403.64
	02/23/05	431.36	**Recovery Pump**					
	04/12/05	431.36	27.33	29.77	404.03	401.59	2.44	403.49
	05/11/05	431.36	**Recovery Pump**					
RB-49	01/21/05	429.32	NA	2.13	NA	427.19	0.00	427.19
	02/23/05	429.32	NA	2.25	NA	427.07	0.00	427.07
	03/18/05	429.32	NA	2.79	NA	426.53	0.00	426.53
	04/12/05	429.32	NA	2.52	NA	426.80	0.00	426.80
	05/12/05	429.32	NA	3.52	NA	425.80	0.00	425.80

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RB-50	01/21/05	431.47	NA	3.37	NA	428.10	0.00	428.10
	02/23/05	431.47	NA	4.50	NA	426.97	0.00	426.97
	03/18/05	431.47	NA	6.14	NA	425.33	0.00	425.33
	04/12/05	431.47	NA	6.10	NA	425.37	0.00	425.37
	05/12/05	431.47	NA	6.96	NA	424.51	0.00	424.51
RB-51	01/21/05	431.54	NA	27.31	NA	404.23	0.00	404.23
	02/23/05	431.54	NA	26.51	NA	405.03	0.00	405.03
	03/18/05	431.54	NA	27.80	NA	403.74	0.00	403.74
	04/12/05	431.54	NA	28.23	NA	403.31	0.00	403.31
	05/12/05	431.54	NA	28.34	NA	403.20	0.00	403.20
RB-52*	01/21/05	431.97	29.44	29.91	402.53	402.06	0.47	402.43
	02/23/05	431.97	Recovery Pump					
	04/12/05	431.97	30.93	31.29	401.04	400.68	0.36	400.96
	05/11/05	431.97	Recovery Pump					
RB-53*	01/20/05	433.31	NA	29.77	NA	403.54	0.00	403.54
	02/23/05	433.31	29.54	32.14	403.77	401.17	2.60	403.20
	03/17/05	433.31	30.94	33.23	402.37	400.08	2.29	401.87
	04/13/05	433.31	32.15	34.54	401.16	398.77	2.39	400.63
	05/11/05	433.31	31.88	34.31	401.43	399.00	2.43	400.90
RB-54	01/20/05	431.79	NA	20.83	NA	410.96	0.00	410.96
	02/23/05	431.79	NA	20.03	NA	411.76	0.00	411.76
	03/17/05	431.79	NA	22.29	NA	409.50	0.00	409.50
	04/13/05	431.79	NA	23.09	NA	408.70	0.00	408.70
	05/11/05	431.79	NA	23.24	NA	408.55	0.00	408.55
RB-55*	01/21/05	433.82	28.42	37.09	405.40	396.73	8.67	403.49
	02/23/05	433.82	Recovery Pump					

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RB-55*	04/13/05	433.82	29.69	37.23	404.13	396.59	7.54	402.47
	05/11/05	433.82	Recovery Pump					
RB-56*	01/21/05	431.89	29.76	32.57	402.13	399.32	2.81	401.51
	02/23/05	431.89	Recovery Pump					
	04/13/05	431.89	31.28	32.97	400.61	398.92	1.69	400.24
	05/11/05	431.89	Recovery Pump					
GB-1	01/20/05	431.59	NA	27.61	NA	403.98	0.00	403.98
	02/23/05	431.59	NA	27.75	NA	403.84	0.00	403.84
	03/18/05	431.59	NA	27.91	NA	403.68	0.00	403.68
	04/12/05	431.59	NA	27.98	NA	403.61	0.00	403.61
	05/12/05	431.59	NA	27.83	NA	403.76	0.00	403.76
GB-6	01/20/05	430.53	NA	28.64	NA	401.89	0.00	401.89
	02/23/05	430.53	NA	28.44	NA	402.09	0.00	402.09
	03/18/05	430.53	NA	28.36	NA	402.17	0.00	402.17
	04/12/05	430.53	NA	28.32	NA	402.21	0.00	402.21
	05/12/05	430.53	NA	28.21	NA	402.32	0.00	402.32
LP-4	01/20/05	432.55	NA	30.29	NA	402.26	0.00	402.26
	02/23/05	432.55	NA	29.89	NA	402.66	0.00	402.66
	03/18/05	432.55	NA	29.86	NA	402.69	0.00	402.69
	04/12/05	432.55	NA	30.08	NA	402.47	0.00	402.47
	05/12/05	432.55	NA	30.07	NA	402.48	0.00	402.48
T-1*	01/21/05	431.44	27.30	28.50	404.14	402.94	1.20	403.88
	02/23/05	431.44	Recovery Pump					
	04/12/05	431.44	27.43	29.28	404.01	402.16	1.85	403.60
	05/11/05	431.44	Recovery Pump					

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MP-1S	01/20/05	431.37	NA	23.85	NA	407.52	0.00	407.52
	02/24/05	431.37	NA	22.74	NA	408.63	0.00	408.63
	03/17/05	431.37	NA	22.93	NA	408.44	0.00	408.44
	04/13/05	431.37	NA	23.25	NA	408.12	0.00	408.12
	05/11/05	431.37	NA	23.59	NA	407.78	0.00	407.78
MP-1D	01/20/05	431.04	NA	26.91	NA	404.13	0.00	404.13
	02/24/05	431.04	NA	27.30	NA	403.74	0.00	403.74
	03/17/05	431.04	NA	28.95	NA	402.09	0.00	402.09
	04/13/05	431.04	NA	30.22	NA	400.82	0.00	400.82
	05/11/05	431.04	NA	29.93	NA	401.11	0.00	401.11
MP-2S	01/20/05	430.66	NA	26.86	NA	403.80	0.00	403.80
	02/24/05	430.66	26.64	26.84	404.02	403.82	0.20	403.98
	03/18/05	430.66	NA	26.83	NA	403.83	0.00	403.83
	04/13/05	430.66	NA	26.89	NA	403.77	0.00	403.77
	05/11/05	430.66	NA	26.82	NA	403.84	0.00	403.84
MP-2D	01/20/05	430.27	NA	27.54	NA	402.73	0.00	402.73
	02/24/05	430.27	26.62	26.63	403.65	403.64	0.01	403.65
	03/18/05	430.27	27.83	29.35	402.44	400.92	1.52	402.11
	04/13/05	430.27	--	--	--	--	--	--
	05/11/05	430.27	--	--	--	--	--	--
MP-3S	01/20/05	430.59	NA	16.85	NA	413.74	0.00	413.74
	02/24/05	Removed During VCS Upgrade						
	04/13/05							

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MP-3D	01/20/05	430.51	NA	26.03	NA	404.48	0.00	404.48
	02/24/05	Removed During VCS Upgrade						
	04/13/05							
MP-4S	01/20/05	430.42	NA	26.43	NA	403.99	0.00	403.99
	02/23/05	430.42	NA	26.09	NA	404.33	0.00	404.33
	03/17/05	430.42	NA	26.35	NA	404.07	0.00	404.07
	04/13/05	430.42	NA	26.46	NA	403.96	0.00	403.96
	05/11/05	430.42	NA	DRY	NA	--	0.00	--
MP-4D	01/20/05	430.42	26.96	26.99	403.46	403.43	0.03	403.45
	02/23/05	430.42	26.60	29.39	403.82	401.03	2.79	403.21
	03/17/05	430.42	28.32	30.27	402.10	400.15	1.95	401.67
	04/13/05	430.42	29.52	30.83	400.90	399.59	1.31	400.61
	05/11/05	430.42	29.09	31.00	401.33	399.42	1.91	400.91
SVE-1S	01/20/05	431.11	NA	26.30	NA	404.81	0.00	404.81
	02/23/05	431.11	24.46	24.47	406.65	406.64	0.01	406.65
	03/17/05	431.11	NA	25.10	NA	406.01	0.00	406.01
	04/13/05	431.11	NA	25.89	NA	405.22	0.00	405.22
	05/11/05	431.11	NA	25.90	NA	405.21	0.00	405.21
SVE-1D*	01/20/05	430.66	NA	26.69	NA	403.97	0.00	403.97
	02/23/05	430.66	NA	27.15	NA	403.51	0.00	403.51
	03/17/05	430.66	NA	28.65	NA	402.01	0.00	402.01
	04/13/05	430.66	NA	29.77	NA	400.89	0.00	400.89
	05/11/05	430.66	NA	29.52	NA	401.14	0.00	401.14
Product Pipeline Sump	01/21/05	--	NA	8.41	--	--	0.00	--
	02/24/05	--	NA	9.80	--	--	0.00	--
	03/18/05	--	NA	10.18	--	--	0.00	--

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Product Pipeline Sump	04/13/05	--	NA	10.54	--	--	0.00	--
	05/11/05	--	NA	10.82	--	--	0.00	--
RMW-1A	01/20/05	429.79	NA	10.14	NA	419.65	0.00	419.65
	02/23/05	429.79	NA	10.14	NA	419.65	0.00	419.65
	03/17/05	429.79	NA	10.15	NA	419.64	0.00	419.64
	04/13/05	429.79	NA	10.13	NA	419.66	0.00	419.66
	05/11/05	429.79	NA	10.12	NA	419.67	0.00	419.67
RMW-1B	01/20/05	429.73	NA	26.11	NA	403.62	0.00	403.62
	02/23/05	429.73	NA	25.75	NA	403.98	0.00	403.98
	03/17/05	429.73	NA	26.18	NA	403.55	0.00	403.55
	04/13/05	429.73	NA	26.19	NA	403.54	0.00	403.54
	05/11/05	429.73	NA	26.59	NA	403.14	0.00	403.14
RMW-1C	01/20/05	429.48	25.64	33.76	403.84	395.72	8.12	402.05
	02/23/05	429.48	25.18	32.84	404.30	396.64	7.66	402.61
	03/17/05	429.48	26.33	34.31	403.15	395.17	7.98	401.39
	04/13/05	429.48	27.62	33.33	401.86	396.15	5.71	400.60
	05/11/05	429.48	27.26	34.13	402.22	395.35	6.87	400.71
RMW-2A	01/20/05	433.61	NA	21.83	NA	411.78	0.00	411.78
	02/23/05	433.61	NA	21.84	NA	411.77	0.00	411.77
	03/17/05	433.61	NA	21.84	NA	411.77	0.00	411.77
	04/13/05	433.61	NA	21.84	NA	411.77	0.00	411.77
	05/11/05	433.61	NA	21.84	NA	411.77	0.00	411.77
RMW-2B	01/20/05	433.61	NA	26.10	NA	407.51	0.00	407.51
	02/23/05	433.61	NA	26.86	NA	406.75	0.00	406.75
	03/17/05	433.61	NA	26.57	NA	407.04	0.00	407.04
	04/13/05	433.61	NA	26.53	NA	407.08	0.00	407.08

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RMW-2B	05/11/05	433.61	NA	27.29	NA	406.32	0.00	406.32
RMW-2C	01/20/05	433.32	NA	31.29	NA	402.03	0.00	402.03
	02/23/05	433.32	NA	30.80	NA	402.52	0.00	402.52
	03/17/05	433.32	NA	32.16	NA	401.16	0.00	401.16
	04/13/05	433.32	NA	33.09	NA	400.23	0.00	400.23
	05/11/05	433.32	NA	32.92	NA	400.40	0.00	400.40
RMW-3A	01/20/05	434.06	NA	21.61	NA	412.45	0.00	412.45
	02/23/05	434.06	NA	22.15	NA	411.91	0.00	411.91
	03/17/05	434.06	NA	22.09	NA	411.97	0.00	411.97
	04/13/05	434.06	NA	22.12	NA	411.94	0.00	411.94
	05/11/05	434.06	NA	22.16	NA	411.90	0.00	411.90
RMW-3B (T)	01/20/05	433.97	30.02	35.11	403.95	398.86	5.09	402.83
	02/23/05	433.97	30.10	34.90	403.87	399.07	4.80	402.81
	03/17/05	433.97	31.95	35.17	402.02	398.80	3.22	401.31
	04/12/05	433.97	32.92	35.29	401.05	398.68	2.37	400.53
	05/11/05	433.97	32.74	35.57	401.23	398.40	2.83	400.61
RMW-4A	01/20/05	433.09	NA	17.21	NA	415.88	0.00	415.88
	02/23/05	433.09	NA	16.87	NA	416.22	0.00	416.22
	03/17/05	433.09	NA	17.15	NA	415.94	0.00	415.94
	04/13/05	433.09	NA	17.46	NA	415.63	0.00	415.63
	05/11/05	433.09	NA	17.85	NA	415.24	0.00	415.24
RMW-4B	01/20/05	433.14	NA	28.09	NA	405.05	0.00	405.05
	02/23/05	433.14	NA	27.86	NA	405.28	0.00	405.28
	03/17/05	433.14	NA	28.85	NA	404.29	0.00	404.29
	04/12/05	433.14	NA	29.71	NA	403.43	0.00	403.43

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RMW-4B	05/11/05	433.14	NA	29.97	NA	403.17	0.00	403.17
RMW-4C (T)	01/20/05	433.17	NA	31.74	NA	401.43	0.00	401.43
	02/23/05	433.17	NA	31.24	NA	401.93	0.00	401.93
	03/17/05	433.17	NA	32.28	NA	400.89	0.00	400.89
	04/12/05	433.17	NA	32.99	NA	400.18	0.00	400.18
	05/11/05	433.17	NA	32.87	NA	400.30	0.00	400.30
RMW-5A	01/20/05	431.85	NA	6.43	NA	425.42	0.00	425.42
	02/23/05	431.85	NA	7.74	NA	424.11	0.00	424.11
	03/18/05	431.85	NA	12.54	NA	419.31	0.00	419.31
	04/13/05	431.85	NA	13.33	NA	418.52	0.00	418.52
	05/11/05	431.85	NA	15.91	NA	415.94	0.00	415.94
RMW-5B (T 1/7/05)	01/20/05	432.03	NA	21.42	NA	410.61	0.00	410.61
	02/23/05	432.03	NA	21.66	NA	410.37	0.00	410.37
	03/18/05	432.03	NA	24.28	NA	407.75	0.00	407.75
	04/13/05	432.03	NA	25.87	NA	406.16	0.00	406.16
	05/11/05	432.03	NA	26.92	NA	405.11	0.00	405.11
RMW-5C (T 1/10/05)	01/20/05	432.01	NA	30.66	NA	401.35	0.00	401.35
	02/23/05	432.01	NA	30.31	NA	401.70	0.00	401.70
	03/17/05	432.01	NA	31.21	NA	400.80	0.00	400.80
	04/12/05	432.01	NA	31.81	NA	400.20	0.00	400.20
	05/11/05	432.01	NA	31.77	NA	400.24	0.00	400.24
RMW-6A	01/20/05	430.49	NA	17.94	NA	412.55	0.00	412.55
	02/23/05	430.49	NA	18.27	NA	412.22	0.00	412.22
	03/18/05	430.49	NA	17.88	NA	412.61	0.00	412.61
	04/13/05	430.49	NA	17.89	NA	412.60	0.00	412.60

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RMW-6A	05/12/05	430.49	NA	17.94	NA	412.55	0.00	412.55
RMW-6B	01/20/05	430.48	NA	17.46	NA	413.02	0.00	413.02
	02/23/05	430.48	NA	17.51	NA	412.97	0.00	412.97
	03/18/05	430.48	NA	19.86	NA	410.62	0.00	410.62
	04/13/05	430.48	NA	21.70	NA	408.78	0.00	408.78
	05/12/05	430.48	NA	23.27	NA	407.21	0.00	407.21
RMW-6C	01/20/05	430.47	NA	25.86	NA	404.61	0.00	404.61
	02/23/05	430.47	NA	27.08	NA	403.39	0.00	403.39
	03/18/05	430.47	NA	26.53	NA	403.94	0.00	403.94
	04/13/05	430.47	NA	27.55	NA	402.92	0.00	402.92
	05/12/05	430.47	NA	28.28	NA	402.19	0.00	402.19
RMW-6D	01/20/05	430.51	NA	29.17	NA	401.34	0.00	401.34
	02/23/05	430.51	NA	28.74	NA	401.77	0.00	401.77
	03/17/05	430.51	NA	29.30	NA	401.21	0.00	401.21
	04/12/05	430.51	NA	29.79	NA	400.72	0.00	400.72
	05/12/05	430.51	NA	29.99	NA	400.52	0.00	400.52
RMW-7A	01/20/05	429.11	NA	16.96	NA	412.15	0.00	412.15
	02/23/05	429.11	NA	21.94	NA	407.17	0.00	407.17
	03/18/05	429.11	NA	20.09	NA	409.02	0.00	409.02
	04/13/05	429.11	NA	19.58	NA	409.53	0.00	409.53
	05/12/05	429.11	NA	21.43	NA	407.68	0.00	407.68
RMW-7B	01/20/05	429.21	NA	19.95	NA	409.26	0.00	409.26
	02/23/05	429.21	NA	19.99	NA	409.22	0.00	409.22
	03/18/05	429.21	NA	19.95	NA	409.26	0.00	409.26
	04/13/05	429.21	NA	20.31	NA	408.90	0.00	408.90

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RMW-7B	05/12/05	429.21	NA	20.65	NA	408.56	0.00	408.56
RMW-7C	01/20/05	429.35	26.86	33.28	402.49	396.07	6.42	401.08
	02/23/05	429.35	26.29	33.19	403.06	396.16	6.90	401.54
	03/17/05	429.35	26.89	33.36	402.46	395.99	6.47	401.04
	04/13/05	429.35	27.63	33.42	401.72	395.93	5.79	400.45
	05/12/05	429.35	27.49	33.32	401.86	396.03	5.83	400.58
RMW-8A	01/20/05	432.52	NA	31.97	NA	400.55	0.00	400.55
	02/23/05	432.52	NA	31.25	NA	401.27	0.00	401.27
	03/17/05	432.52	NA	31.42	NA	401.10	0.00	401.10
	04/12/05	432.52	NA	31.73	NA	400.79	0.00	400.79
	05/12/05	432.52	NA	31.77	NA	400.75	0.00	400.75
RMW-8B	01/20/05	432.49	NA	31.73	NA	400.76	0.00	400.76
	02/23/05	432.49	NA	31.19	NA	401.30	0.00	401.30
	03/17/05	432.49	NA	31.34	NA	401.15	0.00	401.15
	04/12/05	432.49	NA	31.68	NA	400.81	0.00	400.81
	05/12/05	432.49	NA	31.78	NA	400.71	0.00	400.71
RMW-9A	01/20/05	430.71	NA	9.51	NA	421.20	0.00	421.20
	02/23/05	430.71	NA	10.86	NA	419.85	0.00	419.85
	03/17/05	430.71	NA	12.20	NA	418.51	0.00	418.51
	04/13/05	430.71	NA	11.81	NA	418.90	0.00	418.90
	05/12/05	430.71	NA	12.71	NA	418.00	0.00	418.00
RMW-9B	01/20/05	430.67	NA	29.45	NA	401.22	0.00	401.22
	02/23/05	430.67	NA	28.97	NA	401.70	0.00	401.70
	03/17/05	430.67	NA	29.18	NA	401.49	0.00	401.49
	04/13/05	430.67	NA	29.78	NA	400.89	0.00	400.89

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RMW-9B	05/12/05	430.67	NA	29.62	NA	401.05	0.00	401.05
RMW-10A	01/20/05	430.55	NA	11.72	NA	418.83	0.00	418.83
	02/23/05	430.55	11.78	12.09	418.77	418.46	0.31	418.70
	03/17/05	430.55	12.29	12.58	418.26	417.97	0.29	418.20
	04/13/05	430.55	12.70	13.12	417.85	417.43	0.42	417.76
	05/12/05	430.55	13.21	13.72	417.34	416.83	0.51	417.23
RMW-10B	01/20/05	430.80	NA	29.01	NA	401.79	0.00	401.79
	02/23/05	430.80	NA	28.51	NA	402.29	0.00	402.29
	03/17/05	430.80	NA	28.66	NA	402.14	0.00	402.14
	04/13/05	430.80	NA	29.28	NA	401.52	0.00	401.52
	05/12/05	430.80	NA	29.12	NA	401.68	0.00	401.68
RMW-11A (T 1/21/05)	01/20/05	429.70	NA	14.70	NA	415.00	0.00	415.00
	02/23/05	429.70	NA	14.69	NA	415.01	0.00	415.01
	03/17/05	429.70	NA	14.95	NA	414.75	0.00	414.75
	04/13/05	429.70	NA	15.29	NA	414.41	0.00	414.41
	05/12/05	429.70	NA	15.46	NA	414.24	0.00	414.24
RMW-11B (T 1/21/05)	01/20/05	429.88	NA	22.91	NA	406.97	0.00	406.97
	02/23/05	429.88	NA	22.95	NA	406.93	0.00	406.93
	03/17/05	429.88	NA	22.85	NA	407.03	0.00	407.03
	04/13/05	429.88	NA	23.12	NA	406.76	0.00	406.76
	05/12/05	429.88	NA	23.18	NA	406.70	0.00	406.70
RMW-11C (T 1/21/05)	01/20/05	430.27	28.33	30.45	401.94	399.82	2.12	401.47
	02/23/05	430.27	27.84	30.76	402.43	399.51	2.92	401.79
	03/17/05	430.27	27.77	30.94	402.50	399.33	3.17	401.80
	04/13/05	430.27	28.29	31.73	401.98	398.54	3.44	401.22

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RMW-11C	05/12/05	430.27	28.10	31.59	402.17	398.68	3.49	401.40
(T 1/21/05)								
RMW-12A	01/21/05	432.43	NA	11.83	NA	420.60	0.00	420.60
	02/23/05	432.43	NA	12.48	NA	419.95	0.00	419.95
	03/18/05	432.43	NA	14.04	NA	418.39	0.00	418.39
	04/13/05	432.43	NA	13.48	NA	418.95	0.00	418.95
	05/12/05	432.43	NA	15.04	NA	417.39	0.00	417.39
RMW-12B	01/21/05	432.57	NA	29.50	NA	403.07	0.00	403.07
	02/23/05	432.57	NA	30.01	NA	402.56	0.00	402.56
	03/18/05	432.57	NA	28.90	NA	403.67	0.00	403.67
	04/13/05	432.57	NA	26.72	NA	405.85	0.00	405.85
	05/12/05	432.57	NA	30.30	NA	402.27	0.00	402.27
RMW-12C	01/21/05	432.25	NA	30.96	NA	401.29	0.00	401.29
	02/23/05	432.25	NA	30.50	NA	401.75	0.00	401.75
	03/17/05	432.25	NA	30.15	NA	402.10	0.00	402.10
	04/13/05	432.25	NA	30.61	NA	401.64	0.00	401.64
	05/12/05	432.25	NA	30.58	NA	401.67	0.00	401.67
RMW-13A	01/20/05	429.26	NA	7.87	NA	421.39	0.00	421.39
	02/23/05	429.26	NA	7.43	NA	421.83	0.00	421.83
	03/17/05	429.26	NA	8.58	NA	420.68	0.00	420.68
	04/13/05	429.26	NA	8.83	NA	420.43	0.00	420.43
	05/12/05	429.26	NA	9.47	NA	419.79	0.00	419.79
RMW-13B	01/20/05	429.25	NA	19.24	NA	410.01	0.00	410.01
	02/23/05	429.25	NA	22.61	NA	406.64	0.00	406.64
	03/17/05	429.25	NA	19.36	NA	409.89	0.00	409.89
	04/13/05	429.25	NA	19.48	NA	409.77	0.00	409.77

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RMW-13B	05/12/05	429.25	NA	20.53	NA	408.72	0.00	408.72
RMW-13C	01/20/05	429.06	NA	27.33	NA	401.73	0.00	401.73
	02/23/05	429.06	NA	26.83	NA	402.23	0.00	402.23
	03/17/05	429.06	NA	27.07	NA	401.99	0.00	401.99
	04/13/05	429.06	NA	27.70	NA	401.36	0.00	401.36
	05/12/05	429.06	NA	27.52	NA	401.54	0.00	401.54
RMW-14A	01/20/05	433.12	NA	20.61	NA	412.51	0.00	412.51
	02/23/05	433.12	NA	20.30	NA	412.82	0.00	412.82
	03/18/05	433.12	NA	20.94	NA	412.18	0.00	412.18
	04/13/05	433.12	NA	21.63	NA	411.49	0.00	411.49
	05/12/05	433.12	NA	22.11	NA	411.01	0.00	411.01
RMW-14B	01/20/05	433.14	NA	20.61	NA	412.53	0.00	412.53
	02/23/05	433.14	NA	20.30	NA	412.84	0.00	412.84
	03/18/05	433.14	NA	20.97	NA	412.17	0.00	412.17
	04/13/05	433.14	NA	21.67	NA	411.47	0.00	411.47
	05/12/05	433.14	NA	22.15	NA	410.99	0.00	410.99
RMW-14C	01/20/05	433.10	NA	31.54	NA	401.56	0.00	401.56
	02/23/05	433.10	NA	30.96	NA	402.14	0.00	402.14
	03/18/05	433.10	NA	31.56	NA	401.54	0.00	401.54
	04/13/05	433.10	NA	32.13	NA	400.97	0.00	400.97
	05/12/05	433.10	NA	32.00	NA	401.10	0.00	401.10
RMW-15A	01/20/05	433.04	16.36	16.44	416.68	416.60	0.08	416.66
	02/23/05	433.04	16.13	16.17	416.91	416.87	0.04	416.90
	03/18/05	433.04	16.21	16.24	416.83	416.80	0.03	416.82
	04/13/05	433.04	16.51	16.78	416.53	416.26	0.27	416.47

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RMW-15A	05/11/05	433.04	16.58	16.85	416.46	416.19	0.27	416.40
RMW-15B	01/20/05	433.04	NA	16.45	NA	416.59	0.00	416.59
	02/23/05	433.04	NA	16.24	NA	416.80	0.00	416.80
	03/18/05	433.04	NA	16.32	NA	416.72	0.00	416.72
	04/13/05	433.04	NA	16.64	NA	416.40	0.00	416.40
	05/11/05	433.04	NA	16.69	NA	416.35	0.00	416.35
RMW-15C	01/20/05	433.04	28.61	40.64	404.43	392.40	12.03	401.78
	02/23/05	433.04	27.68	40.56	405.36	392.48	12.88	402.53
	03/18/05	433.04	27.49	44.31	405.55	388.73	16.82	401.85
	04/12/05	433.04	28.49	43.02	404.55	390.02	14.53	401.35
	05/11/05	433.04	28.61	43.17	404.43	389.87	14.56	401.23
RMW-16A	01/20/05	430.07	NA	27.38	NA	402.69	0.00	402.69
	02/23/05	430.07	NA	26.68	NA	403.39	0.00	403.39
	03/18/05	430.07	NA	27.91	NA	402.16	0.00	402.16
	04/13/05	430.07	NA	28.66	NA	401.41	0.00	401.41
	05/12/05	430.07	NA	28.75	NA	401.32	0.00	401.32
RMW-16B	01/20/05	430.12	NA	27.52	NA	402.60	0.00	402.60
	02/23/05	430.12	NA	26.82	NA	403.30	0.00	403.30
	03/18/05	430.12	NA	28.01	NA	402.11	0.00	402.11
	04/13/05	430.12	NA	28.76	NA	401.36	0.00	401.36
	05/12/05	430.12	NA	28.55	NA	401.57	0.00	401.57
RMW-17A	01/20/05	431.81	NA	28.68	NA	403.13	0.00	403.13
	02/23/05	431.81	NA	28.26	NA	403.55	0.00	403.55
	03/18/05	431.81	NA	29.08	NA	402.73	0.00	402.73
	04/13/05	431.81	NA	29.86	NA	401.95	0.00	401.95

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RMW-17A	05/12/05	431.81	NA	29.72	NA	402.09	0.00	402.09
RMW-17B	01/20/05	431.76	NA	28.65	NA	403.11	0.00	403.11
	02/23/05	431.76	NA	28.23	NA	403.53	0.00	403.53
	03/18/05	431.76	NA	29.07	NA	402.69	0.00	402.69
	04/13/05	431.76	NA	29.83	NA	401.93	0.00	401.93
	05/12/05	431.76	NA	29.70	NA	402.06	0.00	402.06
RMW-18A	01/21/05	429.54	NA	24.96	NA	404.58	0.00	404.58
	02/23/05	429.54	NA	24.94	NA	404.60	0.00	404.60
	03/18/05	429.54	NA	24.97	NA	404.57	0.00	404.57
	04/12/05	429.54	NA	24.95	NA	404.59	0.00	404.59
	05/12/05	429.54	NA	24.95	NA	404.59	0.00	404.59
RMW-18B	01/21/05	429.42	NA	27.73	NA	401.69	0.00	401.69
	02/23/05	429.42	NA	26.74	NA	402.68	0.00	402.68
	03/18/05	429.42	NA	27.59	NA	401.83	0.00	401.83
	04/12/05	429.42	NA	27.80	NA	401.62	0.00	401.62
	05/12/05	429.42	NA	27.68	NA	401.74	0.00	401.74
RMW-19A	01/21/05	431.33	NA	28.51	NA	402.82	0.00	402.82
	02/23/05	431.33	NA	27.58	NA	403.75	0.00	403.75
	03/18/05	431.33	NA	28.20	NA	403.13	0.00	403.13
	04/12/05	431.33	NA	28.55	NA	402.78	0.00	402.78
	05/12/05	431.33	NA	28.53	NA	402.80	0.00	402.80
RMW-19B	01/21/05	431.71	NA	28.80	NA	402.91	0.00	402.91
	02/23/05	431.71	NA	27.91	NA	403.80	0.00	403.80
	03/18/05	431.71	NA	28.57	NA	403.14	0.00	403.14
	04/12/05	431.71	NA	28.94	NA	402.77	0.00	402.77

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RMW-19B	05/12/05	431.71	NA	28.90	NA	402.81	0.00	402.81
RMW-20A	01/19/05	431.56	28.36	30.44	403.20	401.12	2.08	402.74
	02/23/05	431.56	27.78	28.68	403.78	402.88	0.90	403.58
	03/18/05	431.56	27.58	30.05	403.98	401.51	2.47	403.44
	04/12/05	431.56	27.89	30.69	403.67	400.87	2.80	403.05
	05/12/05	431.56	27.85	30.70	403.71	400.86	2.85	403.08
RMW-20B	01/19/05	431.56	28.20	30.67	403.36	400.89	2.47	402.82
	02/23/05	431.56	26.99	29.45	404.57	402.11	2.46	404.03
	03/18/05	431.56	27.61	30.03	403.95	401.53	2.42	403.42
	04/12/05	431.56	28.46	28.56	403.10	403.00	0.10	403.08
	05/12/05	431.56	NA	28.46	NA	403.10	0.00	403.10
RMW-21A	01/21/05	432.15	28.46	29.19	403.69	402.96	0.73	403.53
	02/23/05	432.15	27.75	28.18	404.40	403.97	0.43	404.31
	03/18/05	432.15	28.10	29.48	404.05	402.67	1.38	403.75
	04/12/05	432.15	28.26	29.44	403.89	402.71	1.18	403.63
	05/12/05	432.15	28.36	29.44	403.79	402.71	1.08	403.55
RMW-21B	01/21/05	432.10	28.39	29.05	403.71	403.05	0.66	403.56
	02/23/05	432.10	NA	27.73	NA	404.37	0.00	404.37
	03/18/05	432.10	28.06	29.63	404.04	402.47	1.57	403.69
	04/12/05	432.10	28.23	30.53	403.87	401.57	2.30	403.36
	05/12/05	432.10	26.26	30.58	405.84	401.52	4.32	404.89
RMW-22A	01/21/05	430.84	NA	26.42	NA	404.42	0.00	404.42
	02/23/05	430.84	NA	26.16	NA	404.68	0.00	404.68
	03/18/05	430.84	NA	27.16	NA	403.68	0.00	403.68
	04/12/05	430.84	NA	27.55	NA	403.29	0.00	403.29

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RMW-22A	05/12/05	430.84	NA	27.69	NA	403.15	0.00	403.15
RMW-22B	01/21/05	430.76	NA	26.81	NA	403.95	0.00	403.95
	02/23/05	430.76	NA	26.08	NA	404.68	0.00	404.68
	03/18/05	430.76	NA	27.07	NA	403.69	0.00	403.69
	04/12/05	430.76	NA	27.46	NA	403.30	0.00	403.30
	05/12/05	430.76	NA	27.55	NA	403.21	0.00	403.21
RMW-23A (T 1/7/05)	01/21/05	430.45	NA	26.27	NA	404.18	0.00	404.18
	02/23/05	430.45	NA	25.43	NA	405.02	0.00	405.02
	03/18/05	430.45	NA	26.34	NA	404.11	0.00	404.11
	04/12/05	430.45	NA	26.67	NA	403.78	0.00	403.78
	05/12/05	430.45	NA	26.77	NA	403.68	0.00	403.68
RMW-24A	01/20/05	433.25	NA	22.44	NA	410.81	0.00	410.81
	02/23/05	433.25	NA	22.44	NA	410.81	0.00	410.81
	03/17/05	433.25	NA	22.44	NA	410.81	0.00	410.81
	04/13/05	433.25	NA	22.44	NA	410.81	0.00	410.81
	05/11/05	433.25	NA	22.43	NA	410.82	0.00	410.82
RMW-24B	01/20/05	433.24	NA	28.68	NA	404.56	0.00	404.56
	02/23/05	433.24	NA	29.21	NA	404.03	0.00	404.03
	03/17/05	433.24	NA	28.97	NA	404.27	0.00	404.27
	04/12/05	433.24	NA	28.82	NA	404.42	0.00	404.42
	05/11/05	433.24	NA	29.12	NA	404.12	0.00	404.12
RMW-24C (T 11/19/04)	01/20/05	433.24	29.92	36.76	403.32	396.48	6.84	401.82
	02/23/05	433.24	29.10	38.64	404.14	394.60	9.54	402.04
	03/17/05	433.24	30.68	37.02	402.56	396.22	6.34	401.17
	04/12/05	433.24	32.00	34.72	401.24	398.52	2.72	400.64

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RMW-24C	05/11/05	433.24	--	--	--	--	--	--
(T 11/19/04)								
RMW-25A	01/19/05	433.51	NA	30.12	NA	403.39	0.00	403.39
(T)	02/23/05	433.51	NA	30.03	NA	403.48	0.00	403.48
	03/17/05	433.51	NA	31.22	NA	402.29	0.00	402.29
	04/12/05	433.51	NA	32.25	NA	401.26	0.00	401.26
	05/11/05	433.51	NA	32.29	NA	401.22	0.00	401.22
RMW-25B	01/19/05	433.58	NA	31.44	NA	402.14	0.00	402.14
(T 11/19/04)	02/23/05	433.58	NA	31.38	NA	402.20	0.00	402.20
	03/17/05	433.58	NA	32.89	NA	400.69	0.00	400.69
	04/12/05	433.58	NA	33.74	NA	399.84	0.00	399.84
	05/11/05	433.58	NA	33.60	NA	399.98	0.00	399.98
RMW-26A	01/20/05	432.69	NA	DRY	NA	--	0.00	--
	02/23/05	432.69	NA	21.38	NA	411.31	0.00	411.31
	03/18/05	432.69	NA	21.51	NA	411.18	0.00	411.18
	04/13/05	432.69	NA	21.52	NA	411.17	0.00	411.17
	05/11/05	432.69	NA	DRY	NA	--	0.00	--
RMW-26B	01/20/05	433.01	NA	21.32	NA	411.69	0.00	411.69
	02/23/05	433.01	NA	21.53	NA	411.48	0.00	411.48
	03/18/05	433.01	NA	22.46	NA	410.55	0.00	410.55
	04/13/05	433.01	NA	22.89	NA	410.12	0.00	410.12
	05/11/05	433.01	NA	23.22	NA	409.79	0.00	409.79
RMW-26C	01/20/05	432.79	NA	28.63	NA	404.16	0.00	404.16
(T)	02/23/05	432.79	NA	28.94	NA	403.85	0.00	403.85
	03/17/05	432.79	NA	30.15	NA	402.64	0.00	402.64
	04/12/05	432.79	NA	31.16	NA	401.63	0.00	401.63

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RMW-26C	05/11/05	432.79	NA	31.25	NA	401.54	0.00	401.54
(T)								
RMW-26D	01/20/05	432.43	NA	30.75	NA	401.68	0.00	401.68
(T)	02/23/05	432.43	NA	30.39	NA	402.04	0.00	402.04
	03/17/05	432.43	NA	31.77	NA	400.66	0.00	400.66
	04/12/05	432.43	NA	32.59	NA	399.84	0.00	399.84
	05/11/05	432.43	NA	32.45	NA	399.98	0.00	399.98
RMW-27A	01/21/05	429.81	NA	25.30	NA	404.51	0.00	404.51
	02/23/05	429.81	NA	25.27	NA	404.54	0.00	404.54
	03/17/05	429.81	NA	25.27	NA	404.54	0.00	404.54
	04/12/05	429.81	NA	25.26	NA	404.55	0.00	404.55
	05/11/05	429.81	NA	25.26	NA	404.55	0.00	404.55
RMW-27B	01/21/05	429.81	NA	28.37	NA	401.44	0.00	401.44
	02/23/05	429.81	NA	27.53	NA	402.28	0.00	402.28
	03/17/05	429.81	NA	27.61	NA	402.20	0.00	402.20
	04/12/05	429.81	NA	28.25	NA	401.56	0.00	401.56
	05/11/05	429.81	NA	28.68	NA	401.13	0.00	401.13
RMW-28A	01/21/05	432.42	NA	27.37	NA	405.05	0.00	405.05
	02/23/05	432.42	NA	27.25	NA	405.17	0.00	405.17
	03/17/05	432.42	NA	27.26	NA	405.16	0.00	405.16
	04/13/05	432.42	NA	27.26	NA	405.16	0.00	405.16
	05/11/05	432.42	NA	27.25	NA	405.17	0.00	405.17
RMW-28B	01/21/05	432.42	30.84	32.67	401.58	399.75	1.83	401.18
	02/23/05	432.42	30.14	32.15	402.28	400.27	2.01	401.84
	03/17/05	432.42	29.96	35.92	402.46	396.50	5.96	401.15
	04/12/05	432.42	30.93	40.75	401.49	391.67	9.82	399.33

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RMW-28B	05/11/05	432.42	30.84	39.24	401.58	393.18	8.40	399.73
RMW-28C (T 1/7/05)	01/21/05	432.54	NA	31.87	NA	400.67	0.00	400.67
	02/23/05	432.54	NA	30.88	NA	401.66	0.00	401.66
	03/17/05	432.54	NA	31.98	NA	400.56	0.00	400.56
	04/12/05	432.54	NA	32.93	NA	399.61	0.00	399.61
	05/11/05	432.54	NA	33.59	NA	398.95	0.00	398.95
RMW-29A	01/19/05	432.65	NA	32.14	NA	400.51	0.00	400.51
	02/23/05	432.65	NA	31.25	NA	401.40	0.00	401.40
	03/17/05	432.65	NA	31.65	NA	401.00	0.00	401.00
	04/13/05	432.65	NA	32.78	NA	399.87	0.00	399.87
	05/11/05	432.65	NA	32.43	NA	400.22	0.00	400.22
RMW-30A	01/19/05	428.96	NA	25.71	NA	403.25	0.00	403.25
	02/23/05	428.96	NA	25.68	NA	403.28	0.00	403.28
	03/18/05	428.96	NA	25.66	NA	403.30	0.00	403.30
	04/13/05	428.96	NA	25.66	NA	403.30	0.00	403.30
	05/11/05	428.96	NA	25.66	NA	403.30	0.00	403.30
RMW-30B	01/19/05	428.89	NA	28.38	NA	400.51	0.00	400.51
	02/23/05	428.99	NA	27.35	NA	401.64	0.00	401.64
	03/18/05	428.99	NA	28.38	NA	400.61	0.00	400.61
	04/13/05	428.99	NA	28.91	NA	400.08	0.00	400.08
	05/11/05	428.99	NA	28.81	NA	400.18	0.00	400.18
RMW-31A	01/19/05	433.27	NA	28.66	NA	404.61	0.00	404.61
	02/23/05	433.27	NA	28.67	NA	404.60	0.00	404.60
	03/17/05	433.27	NA	28.62	NA	404.65	0.00	404.65
	04/13/05	433.27	NA	28.63	NA	404.64	0.00	404.64

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RMW-31A	05/11/05	433.27	NA	28.63	NA	404.64	0.00	404.64
RMW-31B	01/20/05	433.32	33.05	36.18	400.27	397.14	3.13	399.58
	02/23/05	433.32	32.24	33.13	401.08	400.19	0.89	400.88
	03/17/05	433.32	32.55	37.69	400.77	395.63	5.14	399.64
	04/13/05	433.32	32.74	35.56	400.58	397.76	2.82	399.96
	05/11/05	433.32	32.21	37.04	401.11	396.28	4.83	400.05
RMW-32A	01/20/05	429.52	NA	DRY	NA	--	0.00	--
	02/23/05	429.52	NA	DRY	NA	--	0.00	--
	03/17/05	429.52	NA	DRY	NA	--	0.00	--
	04/13/05	429.52	NA	DRY	NA	--	0.00	--
	05/11/05	429.52	NA	DRY	NA	--	0.00	--
RMW-32B	01/20/05	429.37	29.30	32.81	400.07	396.56	3.51	399.30
	02/23/05	429.37	27.91	32.48	401.46	396.89	4.57	400.45
	03/17/05	429.37	28.87	34.69	400.50	394.68	5.82	399.22
	04/13/05	429.37	28.52	32.29	400.85	397.08	3.77	400.02
	05/11/05	429.37	28.12	33.59	401.25	395.78	5.47	400.05
RMW-33A	01/20/05	434.59	NA	16.97	NA	417.62	0.00	417.62
	02/23/05	434.59	NA	19.32	NA	415.27	0.00	415.27
	03/18/05	434.59	NA	21.49	NA	413.10	0.00	413.10
	04/13/05	434.59	NA	22.01	NA	412.58	0.00	412.58
	05/11/05	434.59	NA	DRY	NA	--	0.00	--
RMW-33B	01/20/05	434.51	NA	17.32	NA	417.19	0.00	417.19
	02/23/05	434.51	NA	19.63	NA	414.88	0.00	414.88
	03/18/05	434.51	NA	21.62	NA	412.89	0.00	412.89
	04/13/05	434.51	NA	22.27	NA	412.24	0.00	412.24

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RMW-33B	05/11/05	434.51	NA	23.31	NA	411.20	0.00	411.20
RMW-33C	01/20/05	434.59	NA	29.10	NA	405.49	0.00	405.49
	02/23/05	434.59	NA	30.25	NA	404.34	0.00	404.34
	03/18/05	434.59	NA	32.01	NA	402.58	0.00	402.58
	04/12/05	434.59	NA	32.92	NA	401.67	0.00	401.67
	05/11/05	434.59	NA	33.14	NA	401.45	0.00	401.45
RMW-33D (T)	01/20/05	434.64	NA	32.89	NA	401.75	0.00	401.75
	02/23/05	434.64	NA	32.60	NA	402.04	0.00	402.04
	03/17/05	434.64	NA	33.86	NA	400.78	0.00	400.78
	04/12/05	434.64	NA	34.62	NA	400.02	0.00	400.02
	05/11/05	434.64	NA	34.54	NA	400.10	0.00	400.10
RMW-34A	01/20/05	432.24	NA	9.62	NA	422.62	0.00	422.62
	02/23/05	432.24	NA	10.02	NA	422.22	0.00	422.22
	03/17/05	432.24	NA	13.70	NA	418.54	0.00	418.54
	03/18/05	432.24	NA	13.79	NA	418.45	0.00	418.45
	04/13/05	432.24	NA	14.48	NA	417.76	0.00	417.76
	05/11/05	432.24	NA	15.97	NA	416.27	0.00	416.27
RMW-34B (T 1/7/05)	01/20/05	432.04	NA	27.40	NA	404.64	0.00	404.64
	02/23/05	432.04	NA	27.70	NA	404.34	0.00	404.34
	03/18/05	432.04	NA	29.04	NA	403.00	0.00	403.00
	04/12/05	432.04	NA	30.04	NA	402.00	0.00	402.00
	05/11/05	432.04	NA	31.90	NA	400.14	0.00	400.14
RMW-34C (T 1/7/05)	01/20/05	432.16	NA	30.66	NA	401.50	0.00	401.50
	02/23/05	432.16	NA	30.22	NA	401.94	0.00	401.94
	03/18/05	432.16	NA	31.50	NA	400.66	0.00	400.66
	04/12/05	432.16	NA	32.14	NA	400.02	0.00	400.02

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RMW-34C	05/11/05	432.16	NA	32.02	NA	400.14	0.00	400.14
(T 1/7/05)								
RMW-35A	01/20/05	432.09	NA	9.03	NA	423.06	0.00	423.06
	02/23/05	432.09	NA	9.05	NA	423.04	0.00	423.04
	03/17/05	432.09	NA	12.04	NA	420.05	0.00	420.05
	04/13/05	432.09	NA	13.09	NA	419.00	0.00	419.00
	05/11/05	432.09	NA	15.12	NA	416.97	0.00	416.97
RMW-35B	01/20/05	432.39	NA	23.84	NA	408.55	0.00	408.55
	02/23/05	432.29	NA	23.80	NA	408.49	0.00	408.49
	03/18/05	432.29	NA	25.96	NA	406.33	0.00	406.33
	04/12/05	432.29	NA	26.96	NA	405.33	0.00	405.33
	05/11/05	432.29	NA	28.08	NA	404.21	0.00	404.21
RMW-35C	01/20/05	432.15	NA	30.76	NA	401.39	0.00	401.39
	02/23/05	432.15	NA	30.33	NA	401.82	0.00	401.82
	03/17/05	432.15	NA	31.31	NA	400.84	0.00	400.84
	04/12/05	432.15	NA	31.93	NA	400.22	0.00	400.22
	05/11/05	432.15	NA	31.89	NA	400.26	0.00	400.26
RMW-36A	01/20/05	431.64	NA	20.26	NA	411.38	0.00	411.38
	02/23/05	431.64	NA	20.27	NA	411.37	0.00	411.37
	03/17/05	431.64	NA	20.26	NA	411.38	0.00	411.38
	04/13/05	431.64	NA	20.30	NA	411.34	0.00	411.34
	05/11/05	431.64	NA	20.26	NA	411.38	0.00	411.38
RMW-36B	01/20/05	431.46	NA	23.01	NA	408.45	0.00	408.45
	02/23/05	431.46	NA	22.89	NA	408.57	0.00	408.57
	03/18/05	431.46	NA	25.82	NA	405.64	0.00	405.64
	04/12/05	431.46	NA	27.06	NA	404.40	0.00	404.40

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RMW-36B	05/11/05	431.46	NA	28.22	NA	403.24	0.00	403.24
RMW-36C	01/20/05	431.76	NA	30.52	NA	401.24	0.00	401.24
	02/23/05	431.76	NA	30.08	NA	401.68	0.00	401.68
	03/18/05	431.76	NA	30.95	NA	400.81	0.00	400.81
	04/12/05	431.76	NA	31.40	NA	400.36	0.00	400.36
	05/11/05	431.76	NA	31.34	NA	400.42	0.00	400.42
RMW-37A	01/17/05	433.60	NA	17.94	NA	415.66	0.00	415.66
	02/23/05	433.60	NA	24.73	NA	408.87	0.00	408.87
	03/18/05	433.60	NA	26.15	NA	407.45	0.00	407.45
	04/12/05	433.60	NA	26.85	NA	406.75	0.00	406.75
	05/11/05	433.60	NA	27.57	NA	406.03	0.00	406.03
RMW-37B	01/17/05	434.25	NA	32.53	NA	401.72	0.00	401.72
	02/23/05	434.25	NA	31.57	NA	402.68	0.00	402.68
	03/18/05	434.25	NA	32.84	NA	401.41	0.00	401.41
	04/12/05	434.25	NA	33.72	NA	400.53	0.00	400.53
	05/11/05	434.25	NA	33.65	NA	400.60	0.00	400.60
RMW-38A (T)	01/20/05	433.00	28.81	46.67	404.19	386.33	17.86	400.26
	02/23/05	433.00	**Recovery Pump**					
	04/12/05	433.00	30.70	47.19	402.3	385.81	16.49	398.67
	05/11/05	433.00	**Recovery Pump**					
RMW-39A	02/23/05	431.06	NA	17.88	NA	413.18	0.00	413.18
	03/17/05	431.06	NA	17.90	NA	413.16	0.00	413.16
	04/12/05	431.06	NA	17.90	NA	413.16	0.00	413.16
	05/12/05	431.06	NA	17.93	NA	413.13	0.00	413.13

APPENDIX A-3
2005 Groundwater Elevations/Apparent Product Thickness
Premcor Facility

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RMW-39B	02/23/05	431.29	NA	29.02	NA	402.27	0.00	402.27
	03/17/05	431.29	NA	28.83	NA	402.46	0.00	402.46
	04/12/05	431.29	NA	28.78	NA	402.51	0.00	402.51
	05/12/05	431.29	NA	28.79	NA	402.50	0.00	402.50
RMW-39C	02/23/05	431.27	NA	29.67	NA	401.60	0.00	401.60
	03/18/05	431.27	NA	29.61	NA	401.66	0.00	401.66
	04/12/05	431.27	NA	29.82	NA	401.45	0.00	401.45
	05/12/05	431.27	NA	29.92	NA	401.35	0.00	401.35
RMW-40	02/23/05	432.41	28.63	28.64	403.78	403.77	0.01	403.78
	03/17/05	432.41	NA	29.91	NA	402.50	0.00	402.50
	04/12/05	432.41	NA	30.93	NA	401.48	0.00	401.48
	05/11/05	432.41	NA	31.00	NA	401.41	0.00	401.41
RMW-42A	02/23/05				0	0.00	0.00	0.00
	05/11/05	--	NA	21.69	NA	--	0.00	--
RMW-42B	02/23/05				0	0.00	0.00	0.00
	05/11/05	--	NA	31.72	NA	--	0.00	--
RMW-42C	02/23/05				0	0.00	0.00	0.00
	05/11/05	--	NA	32.19	NA	--	0.00	--
MW-1	01/21/05	420.50	NA	13.68	NA	406.82	0.00	406.82
	02/23/05	420.50	NA	12.79	NA	407.71	0.00	407.71
	03/17/05	420.50	NA	18.65	NA	401.85	0.00	401.85
	04/13/05	420.50	NA	16.29	NA	404.21	0.00	404.21
	05/12/05	420.50	NA	19.04	NA	401.46	0.00	401.46

APPENDIX A-3
2005 Groundwater Elevations/Apparent Product Thickness
Premcor Facility

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
MW-2	01/21/05	419.58	NA	14.19	NA	405.39	0.00	405.39
	02/23/05	419.58	NA	12.97	NA	406.61	0.00	406.61
	03/17/05	419.58	NA	18.84	NA	400.74	0.00	400.74
	04/13/05	419.58	NA	15.92	NA	403.66	0.00	403.66
	05/12/05	419.58	NA	19.07	NA	400.51	0.00	400.51
MW-3	01/21/05	421.43	NA	15.99	NA	405.44	0.00	405.44
	02/23/05	421.43	NA	14.73	NA	406.70	0.00	406.70
	03/17/05	421.43	NA	20.42	NA	401.01	0.00	401.01
	04/13/05	421.43	NA	17.97	NA	403.46	0.00	403.46
	05/12/05	421.43	NA	20.71	NA	400.72	0.00	400.72
MW-4	01/21/05	421.42	NA	15.83	NA	405.59	0.00	405.59
	02/23/05	421.42	NA	15.05	NA	406.37	0.00	406.37
	03/17/05	421.42	NA	20.85	NA	400.57	0.00	400.57
	04/13/05	421.42	NA	18.60	NA	402.82	0.00	402.82
	05/12/05	421.42	NA	21.30	NA	400.12	0.00	400.12
P-6 N	03/17/05	430.29	NA	31.37	NA	398.92	0.00	398.92
	04/12/05	430.29	NA	32.24	NA	398.05	0.00	398.05
	05/11/05	430.29	NA	32.03	NA	398.26	0.00	398.26
P-6 S	03/17/05	430.28	NA	30.86	NA	399.42	0.00	399.42
	04/12/05	430.28	NA	31.73	NA	398.55	0.00	398.55
	05/11/05	430.28	NA	31.54	NA	398.74	0.00	398.74

APPENDIX A-3
2005 Groundwater Elevations/Apparent Product Thickness
Premcor Facility

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
P-6 E	03/17/05	429.73	30.13	32.91	399.60	396.82	2.78	398.99
	04/12/05	429.73	30.99	33.76	398.74	395.97	2.77	398.13
	05/11/05	429.73	30.86	33.25	398.87	396.48	2.39	398.34

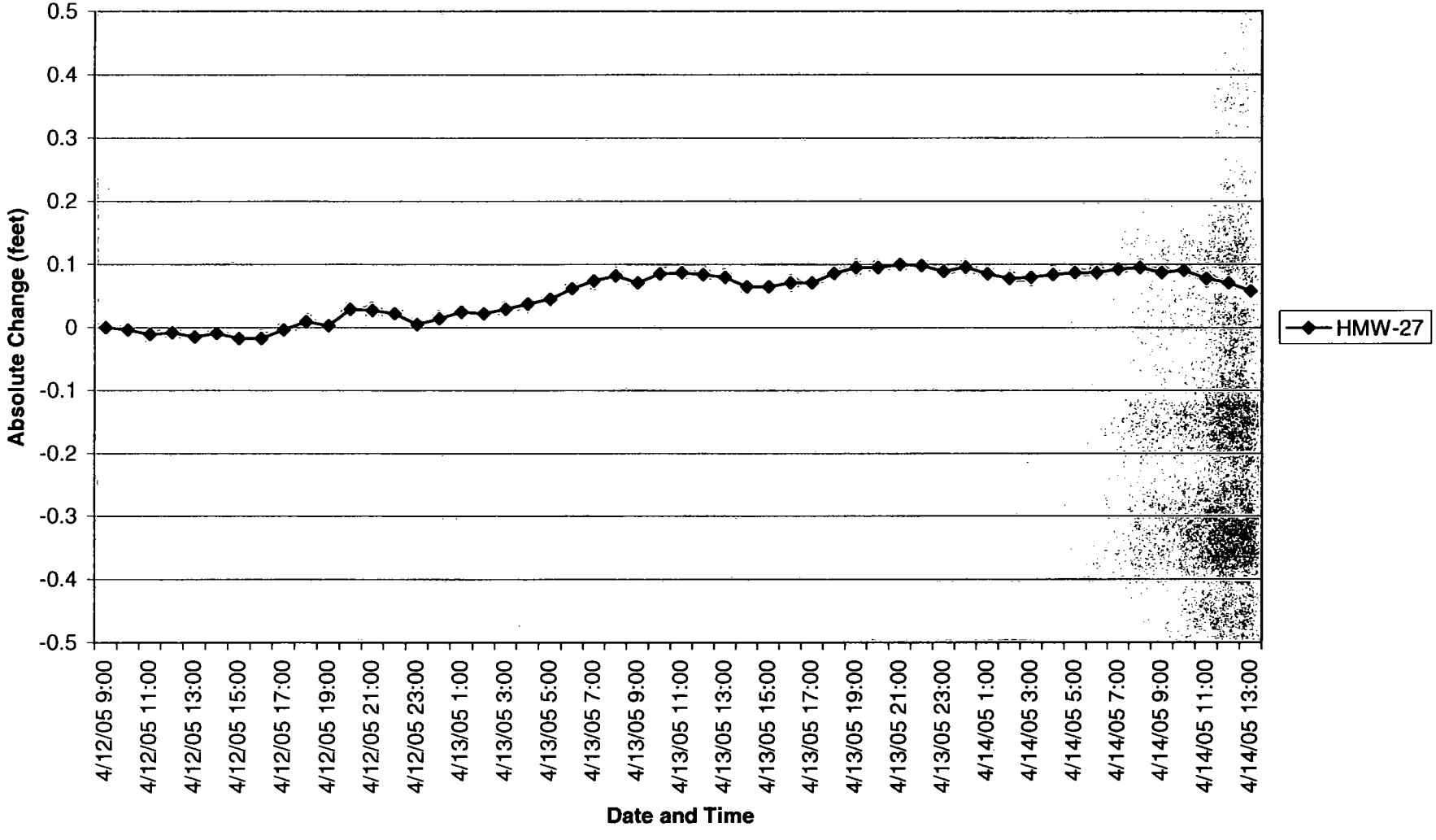
NOTES:
NA = Not Applicable
-- = No data
(T xx/xx/xxxx) = Date transducer installed in well, however, data may be from miniTROLL or manual gauging.
[1] Piezometric surface elevation = [(A)-(C)]+S.G.[(C)-(B)]
* Well contains product recovery pump.
** = Depth to water anomaly
SG = Specific gravity of hydrocarbon determined to be an average of 0.78 on the Premcor facility for data recorded during and after 9/03.
MP- and SVE-series installed by Clayton in 6/03. MP-series installed as vacuum monitoring probes. SVE-series installed as soil vapor extraction wells. MP- and SVE-series not appropriate for determining groundwater flow.
RMW-series installed by Clayton during Fall 2004.
Remaining wells installed by others including the MW-series located at the Premcor River Dock.
All TOC elevations surveyed to USGS datum by CMT.
TOC elevations, prior to 12/04, were rotated and adjusted to match USGS datum (datum used to survey Village wells). This rotation and adjustment of original survey data (obtained in 6/02 by CMT, Inc.) was completed in 1/04 by CMT.
No survey data existed prior to 12/04 for the MP- and SVE-series, and RB-13, T-1, TH2-88@P7 well and RB-08 (recovery well) wells.

Appendix B

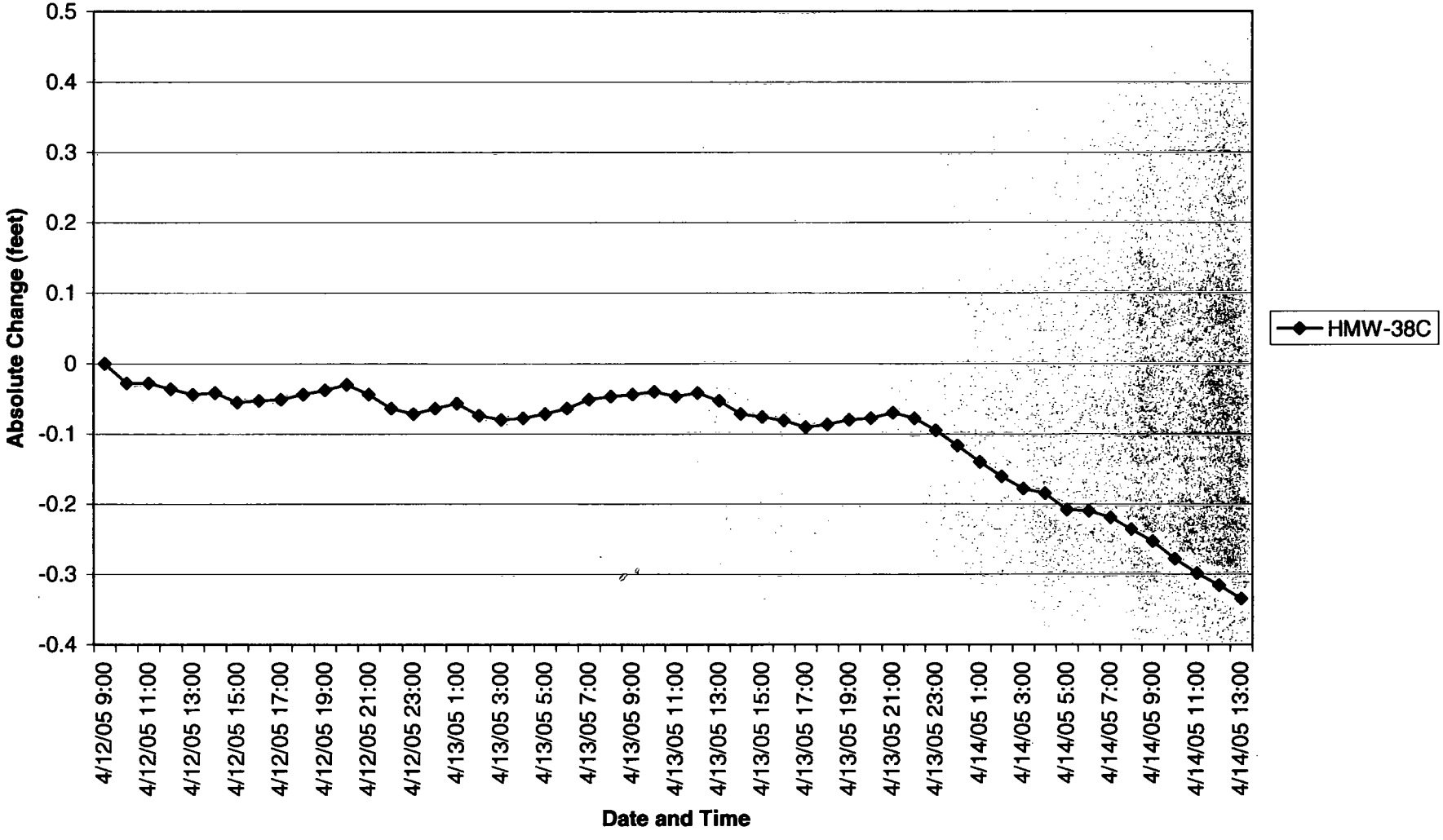
APPENDIX B

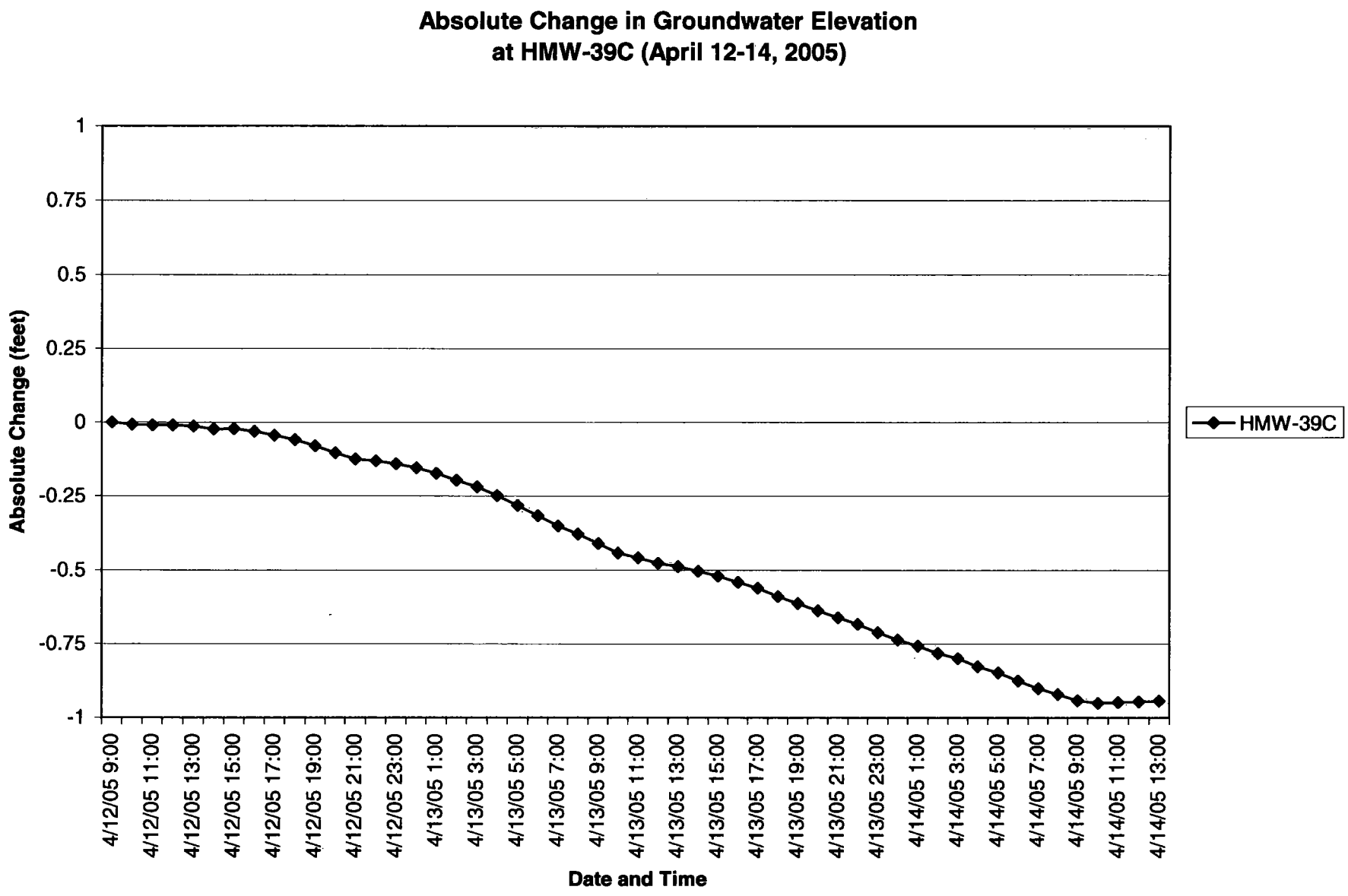
APRIL 12-14, 2005 GAUGING EVENT HYDROGRAPHS

Absolute Change in Groundwater Elevation at HMW-27 (April 12-14, 2005)

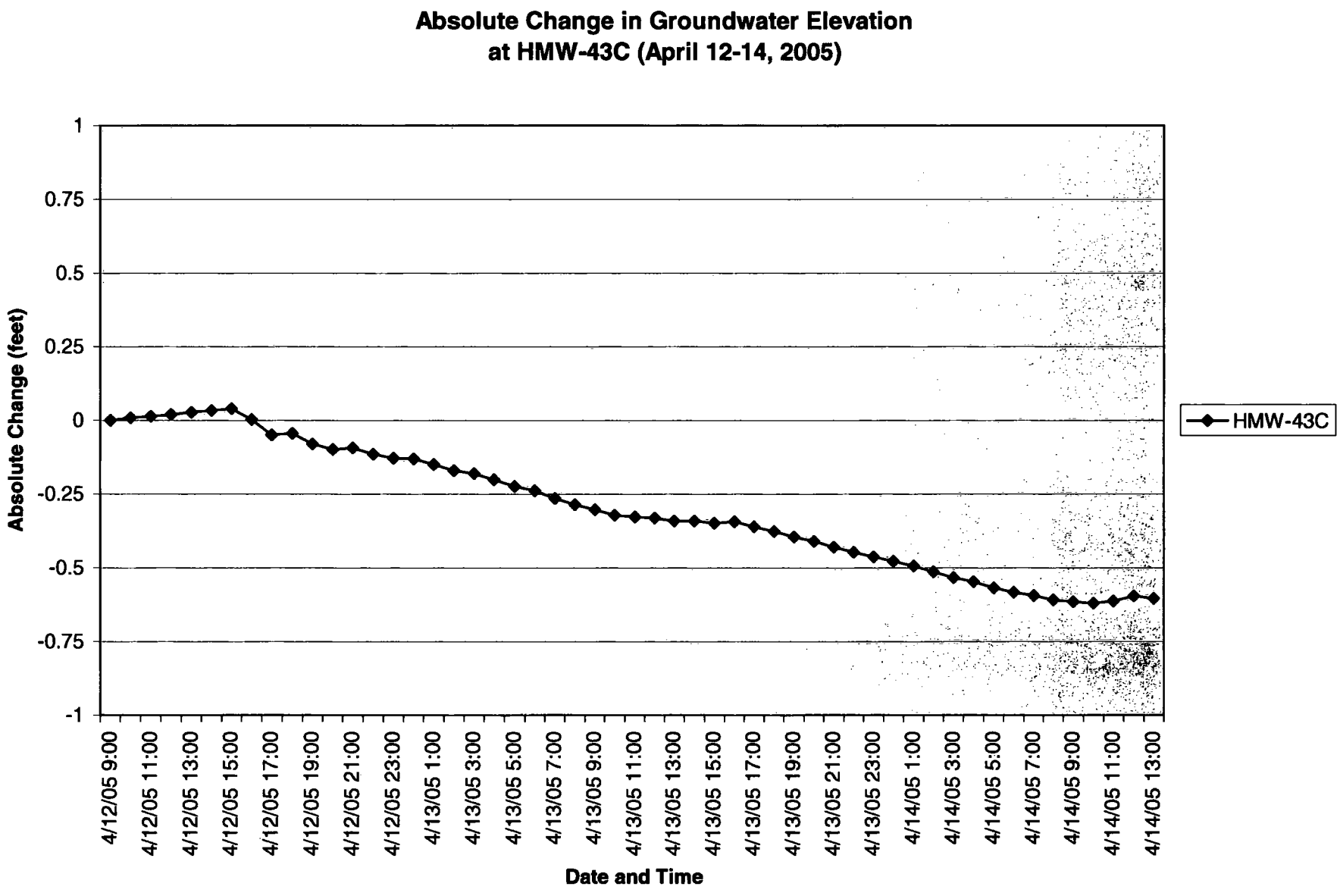


Absolute Change in Groundwater Elevation at HMW-38C (April 12-14, 2005)

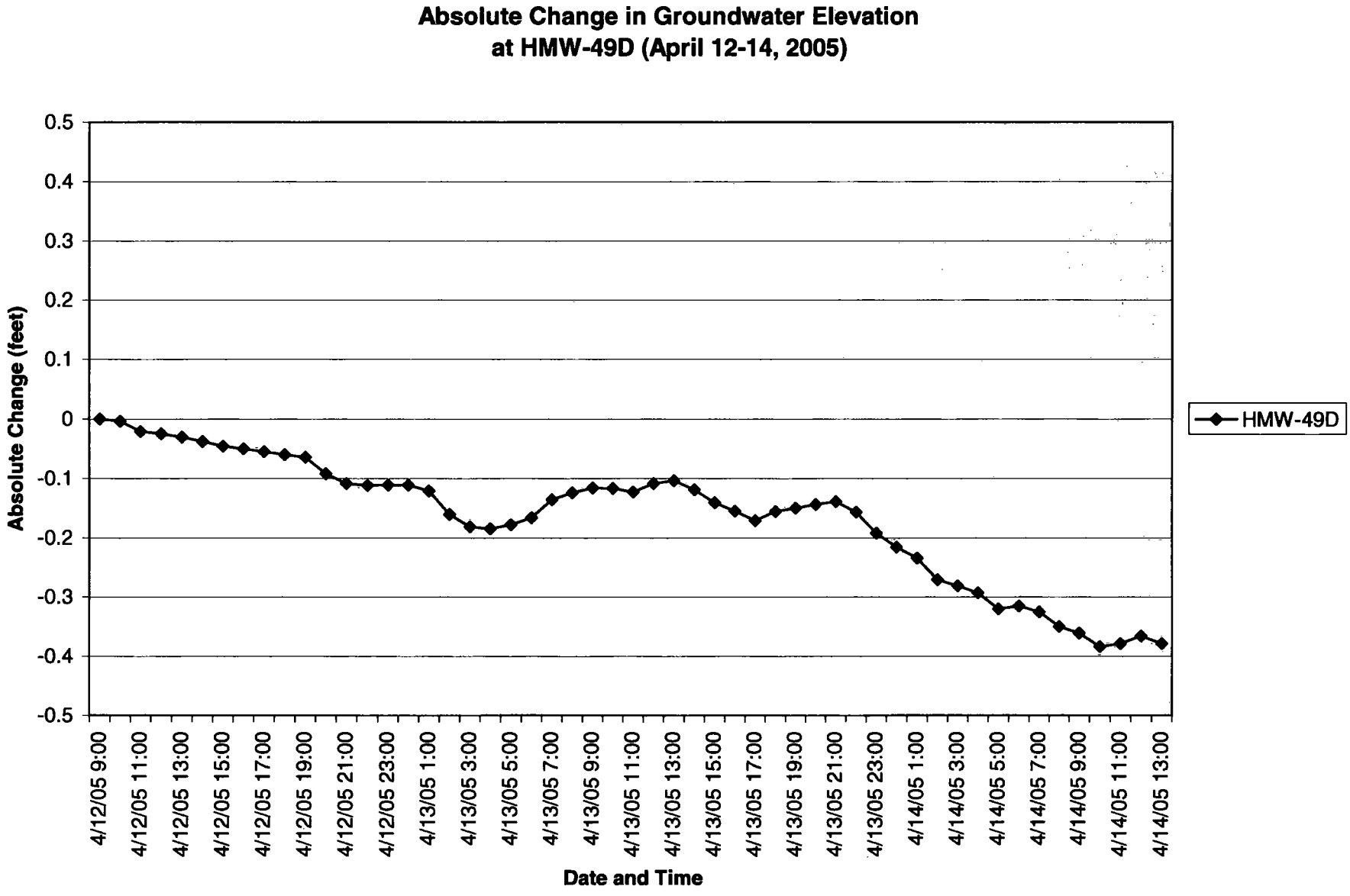




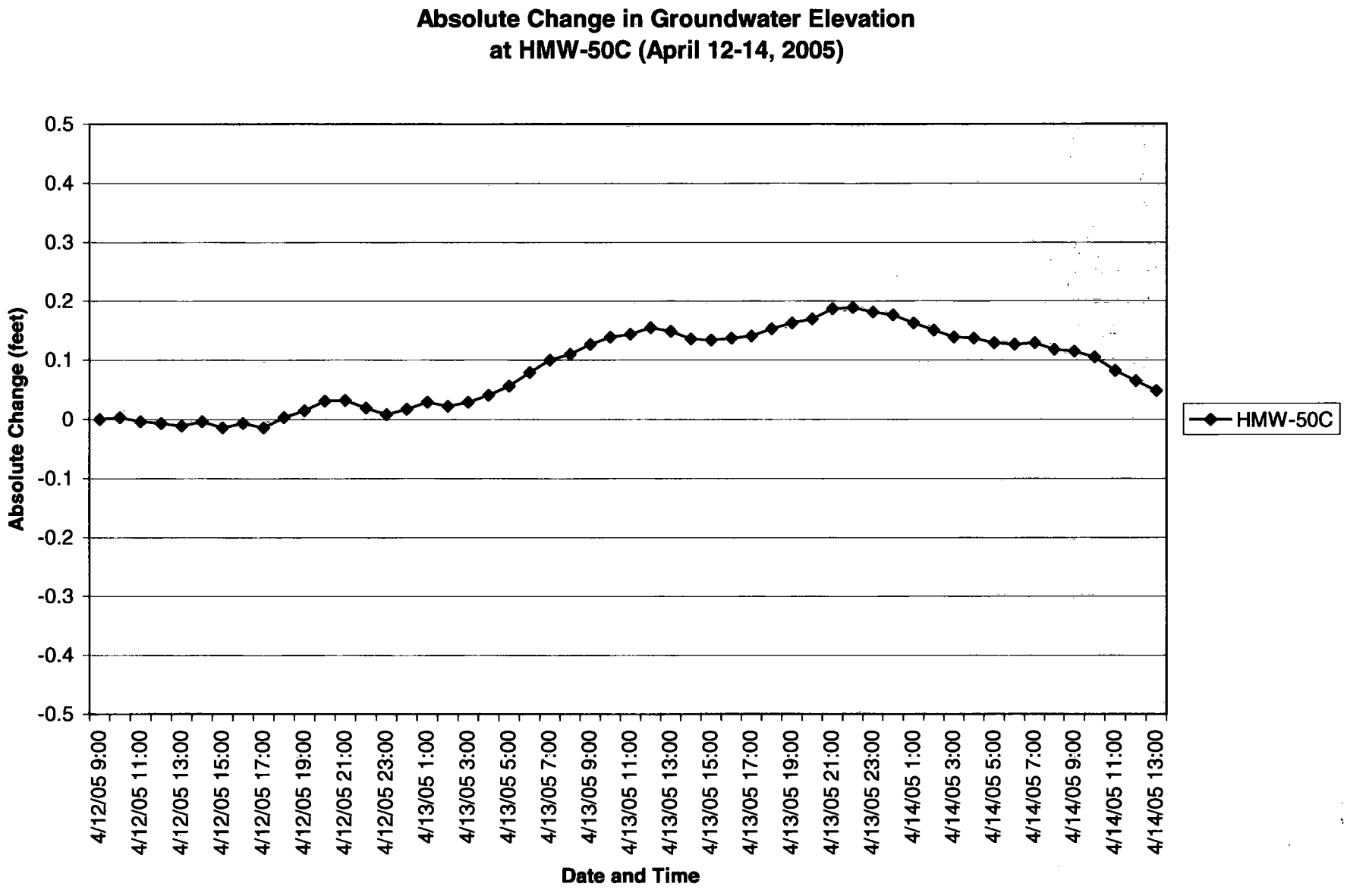
Well Gauging and Pressure Transducer Data-Hartford



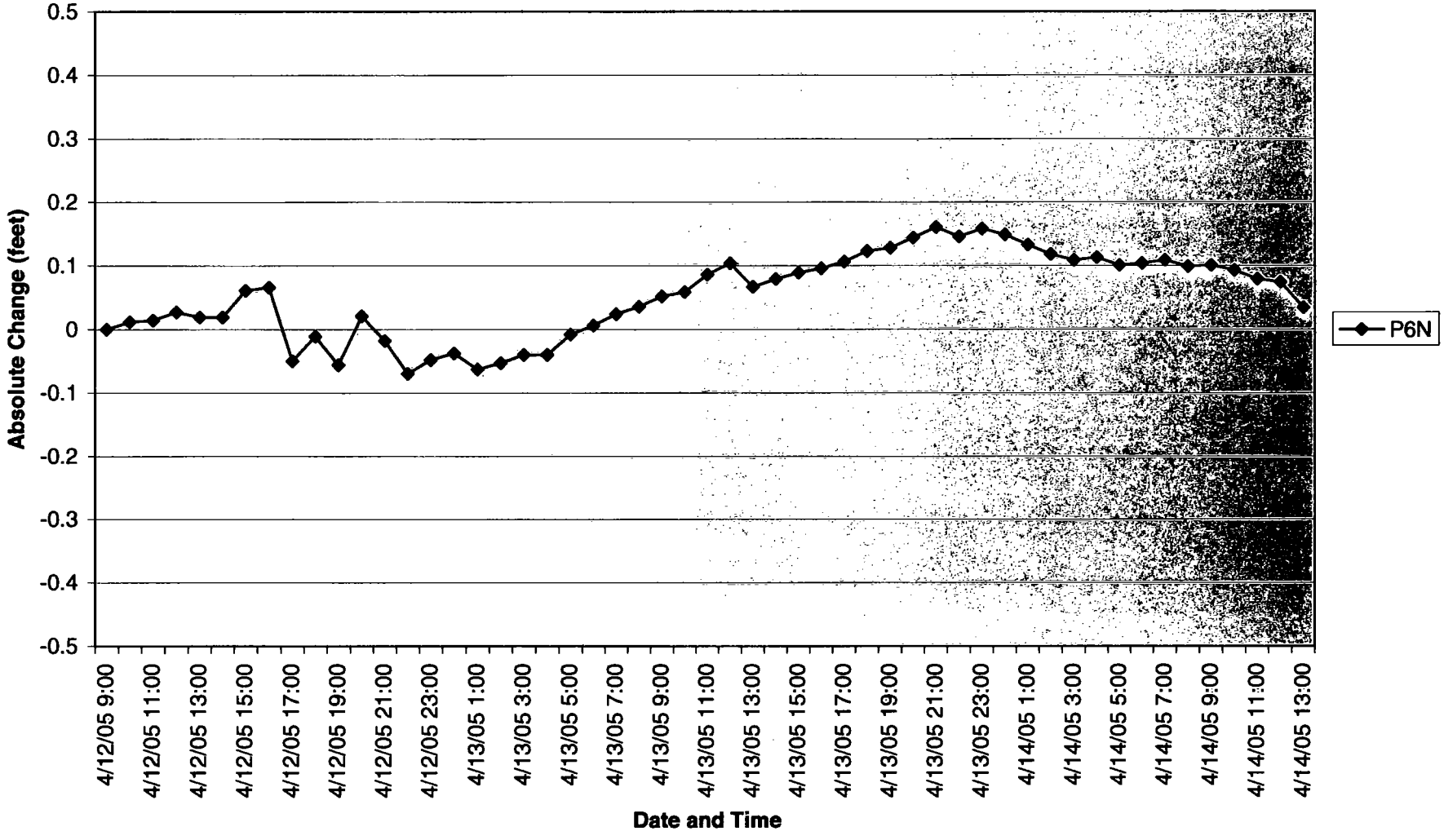
Well Gauging and Pressure Transducer Data-Hartford



Well Gauging and Pressure Transducer Data-Hartford

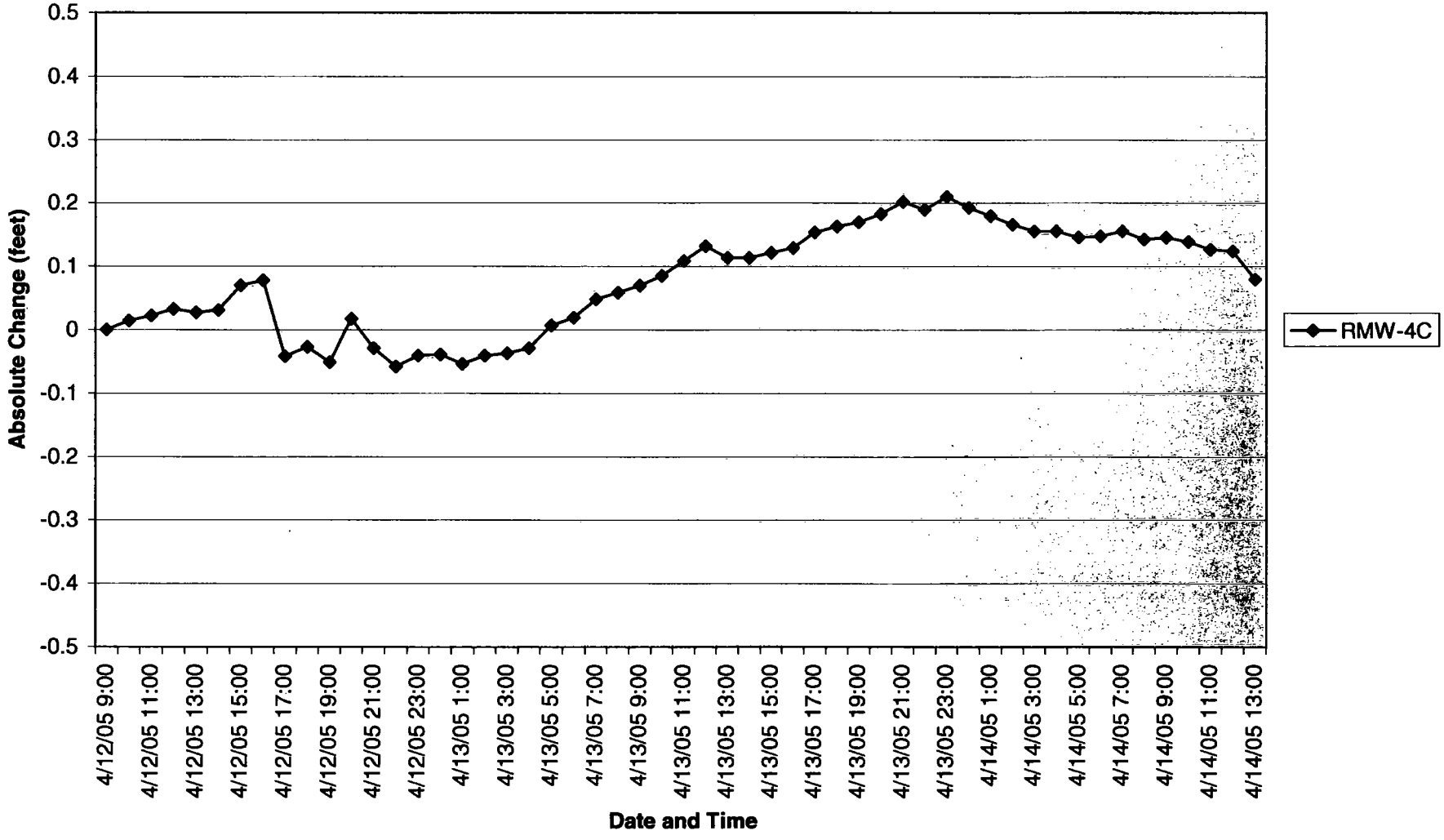

Absolute Change in Groundwater Elevation
at HMW-50C (April 12-14, 2005)
Absolute Change (feet)
0.5
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
-0.5
4/12/05 9:00
4/12/05 11:00
4/12/05 13:00
4/12/05 15:00
4/12/05 17:00
4/12/05 19:00
4/12/05 21:00
4/12/05 23:00
4/13/05 1:00
4/13/05 3:00
4/13/05 5:00
4/13/05 7:00
4/13/05 9:00
4/13/05 11:00
4/13/05 13:00
4/13/05 15:00
4/13/05 17:00
4/13/05 19:00
4/13/05 21:00
4/13/05 23:00
4/14/05 1:00
4/14/05 3:00
4/14/05 5:00
4/14/05 7:00
4/14/05 9:00
4/14/05 11:00
4/14/05 13:00
Date and Time
HMW-50C

Absolute Change in Groundwater Elevation at P6N (April 12-14, 2005)

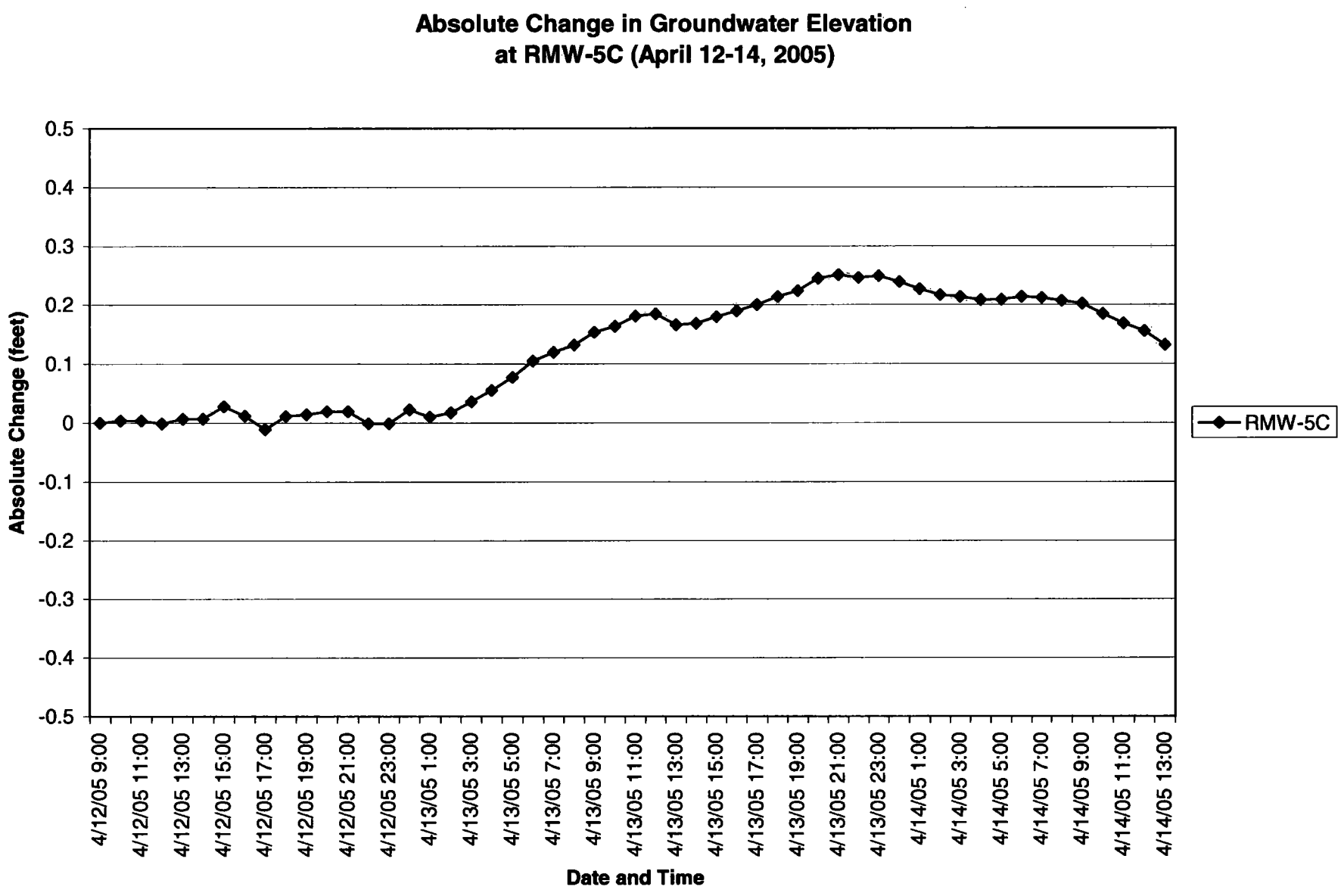


Well Gauging and Pressure Transducer Data-Premcor

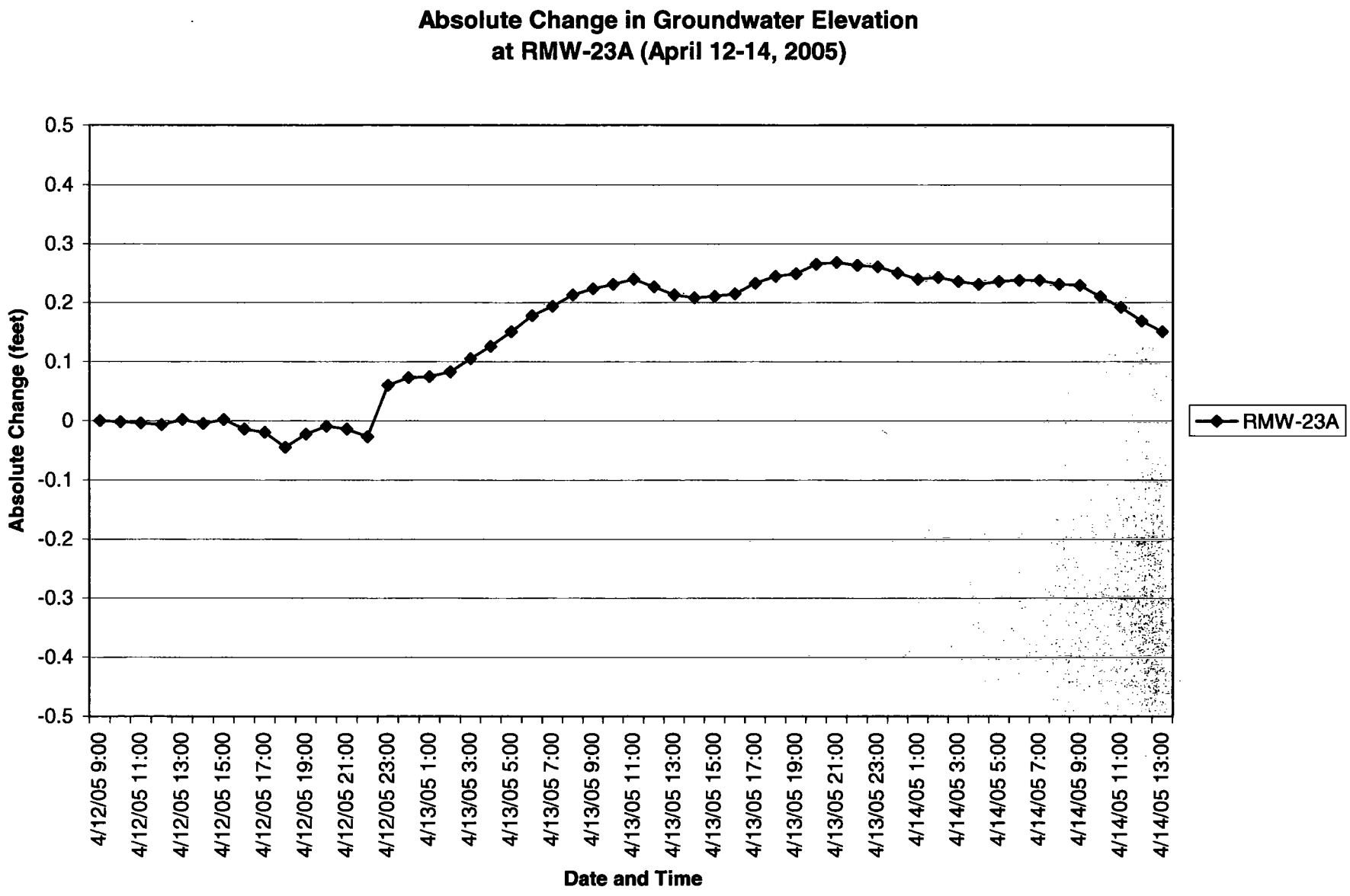
Absolute Change in Groundwater Elevation at RMW-4C (April 12-14, 2005)



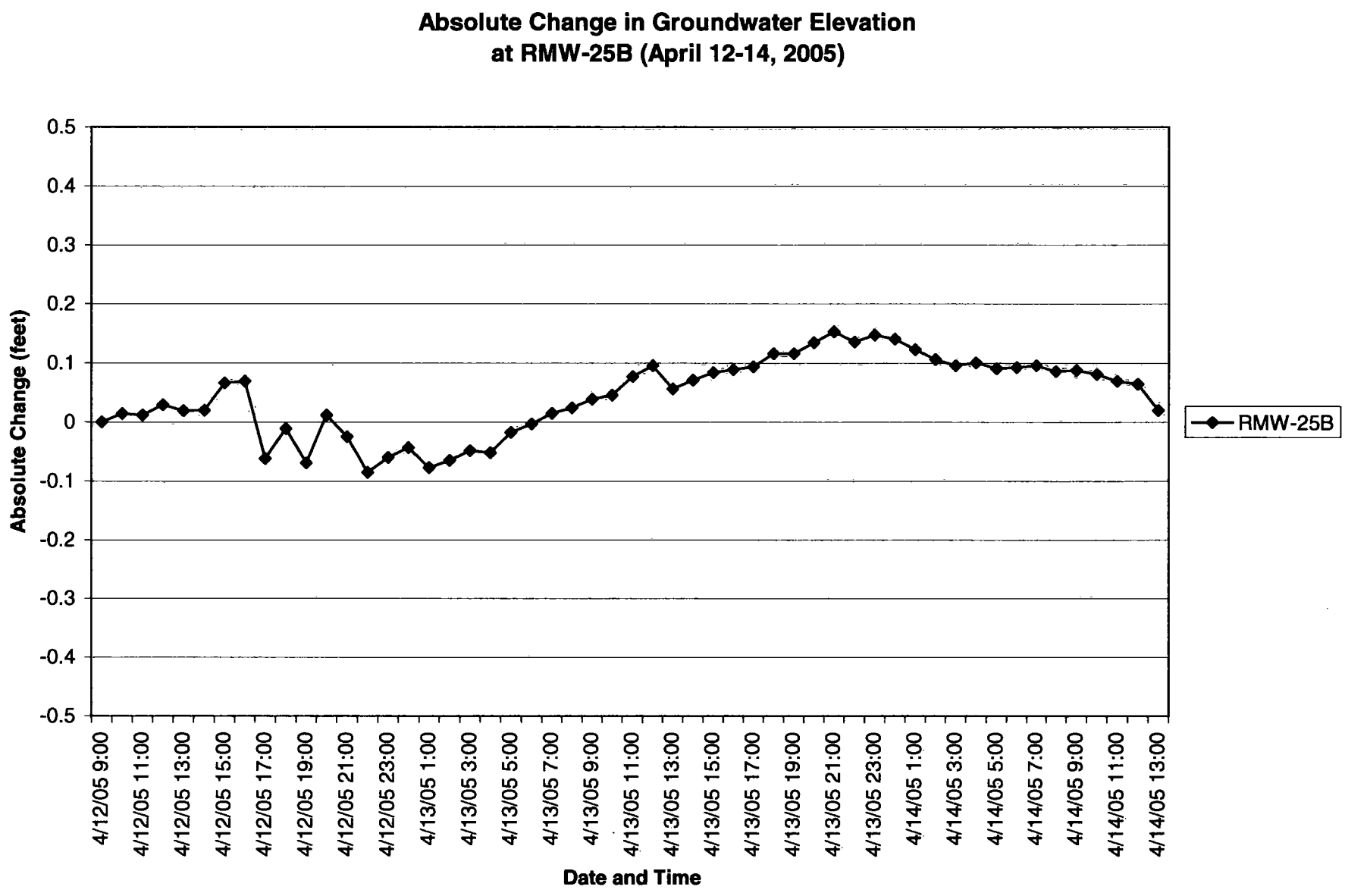
Well Gauging and Pressure Transducer Data-Premcor



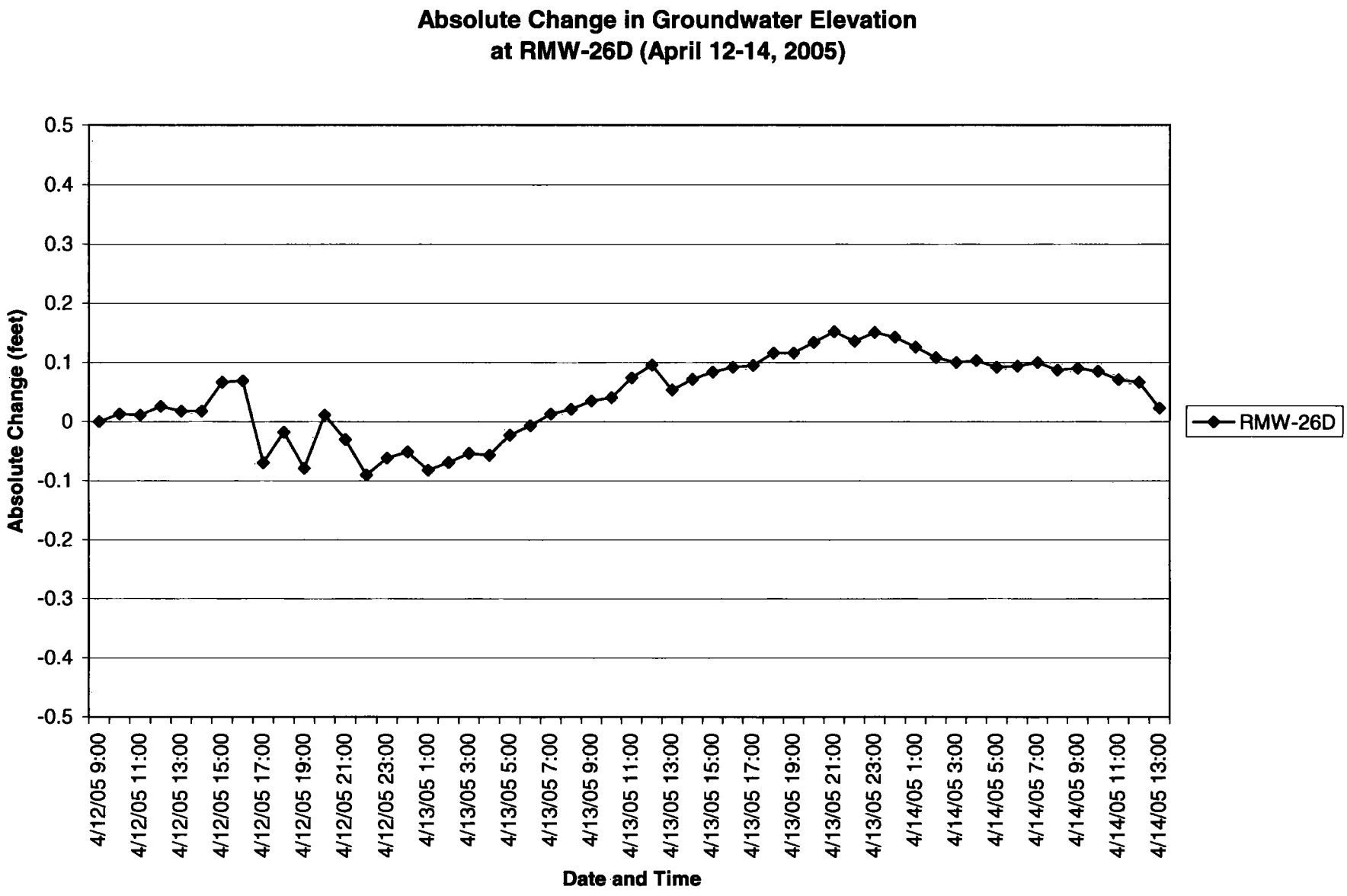
Well Gauging and Pressure Transducer Data-Premcor



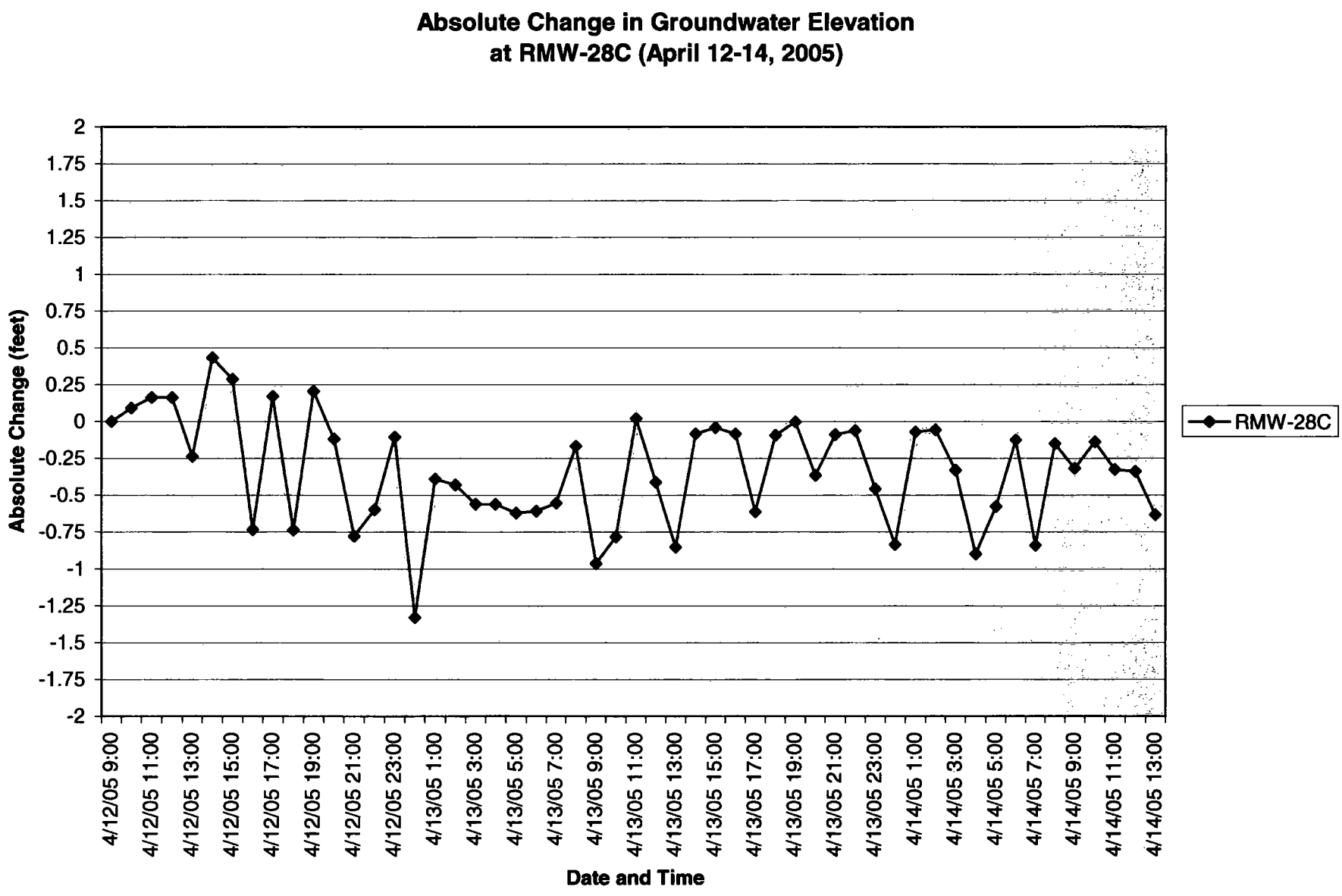
Well Gauging and Pressure Transducer Data-Premcor



Well Gauging and Pressure Transducer Data-Premcor

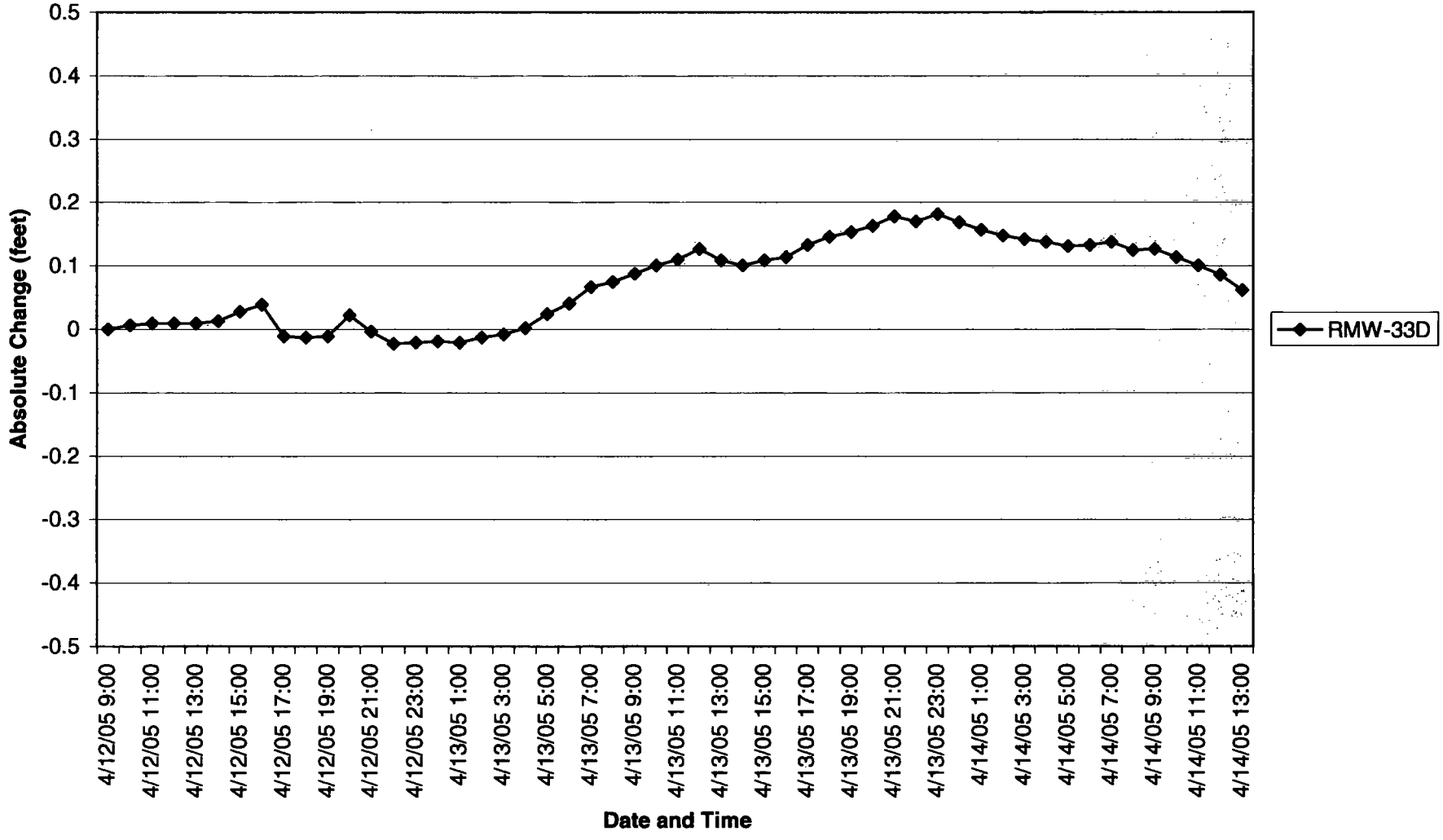


Well Gauging and Pressure Transducer Data-Premcor



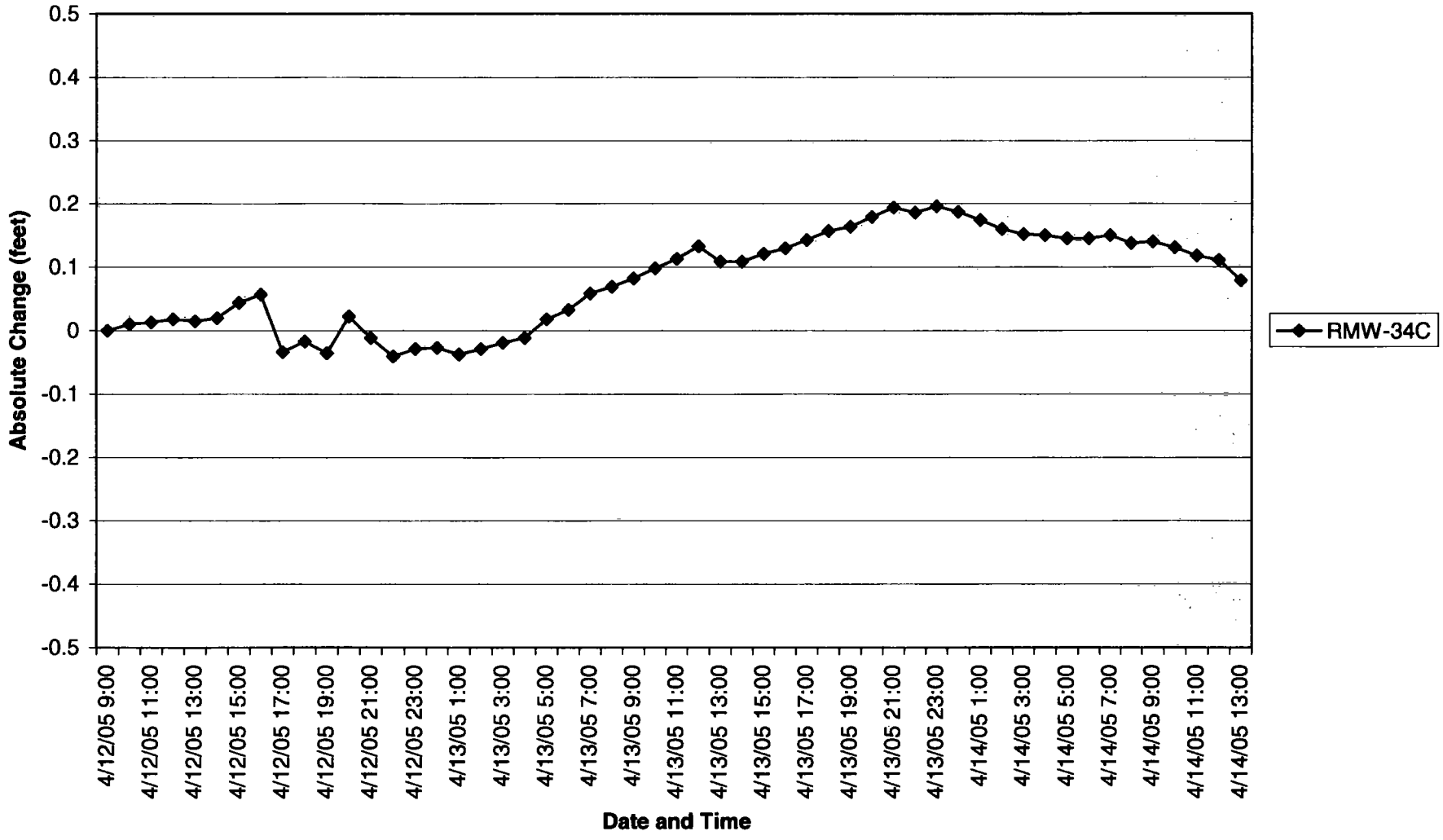
Well Gauging and Pressure Transducer Data-Premcor

Absolute Change in Groundwater Elevation at RMW-33D (April 12-14, 2005)



Well Gauging and Pressure Transducer Data-Premcor

Absolute Change in Groundwater Elevation at RMW-34C (April 12-14, 2005)



Well Gauging and Pressure Transducer Data-Premcor

Appendix C

Appendix C

APPENDIX C

SUMMARY OF INDICATOR PARAMETER MEASUREMENTS

Appendix C-1	**October/November 2004**
Appendix C-2	**January/February 2005**

Clayton GROUP SERVICES

APPENDIX C-1

OCTOBER/NOVEMBER 2004

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Work Group-15-03095.12-002-HMW-25-10-19-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Premcor-Hartford Work Group
Site Name:	15-03095.12-002
Well ID:	HMW-25

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	38	[ft]
Well Depth:	38.71	[ft]
Well Diam:	2	[in]
Screen Len:	180	[in]
Screen Depth:	24	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	28.57	[ft]
Pump Level (TOC):	31.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.87	[mL]
Actual Total Volume:	118.87	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/19/2004	15:48:13
End date/time:	10/19/2004	15:56:50
Total Time:	0:08:37	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.52	0.01	175.67	-2.92	0.34	-0.05	1025.26	-0.22	6.39	-0.38	15.6	0	15:54:21
3	6.53	0.01	173.43	-2.23	0.31	-0.04	1024.6	-0.66	6.03	-0.36	15.53	-0.07	15:54:56
2	6.54	0.01	170.77	-2.66	0.29	-0.02	1025.05	0.45	5.19	-0.84	15.56	0.03	15:55:33
1	6.55	0	168.89	-1.89	0.27	-0.01	1024.17	-0.88	6.15	0.96	15.58	0.02	15:56:09
0	6.56	0.01	166.61	-2.27	0.26	-0.01	1021.97	-2.2	5.29	-0.86	15.57	-0.01	15:56:47

pH Min:	6.52
pH Max:	6.56
ORP Min:	166.61
ORP Max:	175.67
DO Min:	0.26
DO Max:	0.34
Cond Min:	1021.97

Cond Max:	1025.26	
Turb Min:	5.19	
Turb Max:	6.39	
Temp Min:	15.53	
Temp Max:	15.6	

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:20:39
Report from file:	...\Hartford Work Group-15-03095.12-002-HMW-25-10-19-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/19/2004	15:48:13
Test started on:	10/19/2004	15:48:13
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 Seconds.	
Time between default storages:	0.0 Seconds.	
Monitoring data on channel	[1]	
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	15	

TOTAL DATA SAMPLES 15

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mScm
10/19/2004	15:48:13	0	60.52	29.353	6.3	2.696	211	6.45	7070	1016.49
10/19/2004	15:48:50	37	60.19	29.352	6.4	2.696	204	6.41	4068	1033.72
10/19/2004	15:49:27	74	60.15	29.351	7.6	2.696	201	6.42	2297	1034.16
10/19/2004	15:50:03	110	60.07	29.351	7.7	2.696	198	6.44	1634	1032.58
10/19/2004	15:50:40	147	60.08	29.35	8.5	2.696	195	6.46	1147	1034.16
10/19/2004	15:51:17	184	60.14	29.35	7.2	2.696	191	6.47	835	1031.69
10/19/2004	15:51:54	221	59.97	29.35	7.2	2.696	188	6.48	634	1029.46
10/19/2004	15:52:30	257	60.07	29.35	7.6	2.696	185	6.48	497	1027.9
10/19/2004	15:53:07	294	60.08	29.349	6.8	2.696	182	6.5	427	1027.24
10/19/2004	15:53:44	331	60.09	29.348	6.8	2.696	179	6.51	395	1025.47
10/19/2004	15:54:21	368	60.09	29.348	6.4	2.696	176	6.52	343	1025.26
10/19/2004	15:54:58	403	59.96	29.347	6	2.696	173	6.53	307	1024.6
10/19/2004	15:55:33	440	60.01	29.347	5.2	2.696	171	6.54	288	1025.05
10/19/2004	15:56:09	476	60.05	29.347	6.2	2.696	169	6.55	274	1024.17
10/19/2004	15:56:47	514	60.02	29.347	5.3	2.696	167	6.56	264	1021.97

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.15.003-HMW-26-10-20-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-26

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	39	[ft]
Well Depth:	40	[ft]
Well Diam:	2	[in]
Screen Len:	180	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	25.59	[ft]
Pump Level (TOC):	32.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.91	[mL]
Actual Total Volume:	118.91	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/20/2004	9:54:47
End date/time:	10/20/2004	10:11:28
Total Time:	0:16:41	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.46	0	-88.46	-0.09	0.35	0	1610.25	3.72	15.04	3.08	16.44	-0.02	10:08:50
3	6.46	0	-88.67	-0.22	0.34	-0.01	1607.59	-2.66	11.29	-3.76	16.45	0.01	10:09:26
2	6.46	0	-89.01	-0.34	0.32	-0.02	1601.25	-6.35	10.2	-1.09	16.41	-0.03	10:10:03
1	6.46	0	-89.14	-0.13	0.31	-0.01	1604.95	3.7	10.38	0.18	16.44	0.02	10:10:38
0	6.46	0	-89.36	-0.22	0.31	0	1609.73	4.78	9.65	-0.74	16.47	0.03	10:11:14

pH Min:	6.46
pH Max:	6.46
ORP Min:	-89.36
ORP Max:	-88.46
DO Min:	0.31
DO Max:	0.35
Cond Min:	1601.25

Cond Max:	1610.25
Turb Min:	9.65
Turb Max:	15.04
Temp Min:	16.41
Temp Max:	16.47

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:40:34
Report from file:	...\Hartford Working Group-15-03095.15.003-HMW-26-10-20-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/20/2004	9:54:47
Test started on:	10/20/2004	9:54:47
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 Seconds	
Time between default storages:	0.0 Seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	28	
TOTAL DATA SAMPLES	28	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/20/2004	9:54:47	0	62.91	29.529	83.1	2.696	41	6.42	9272	1546.67
10/20/2004	9:55:24	37	61.85	29.529	90	2.696	-43	6.3	6342	1582.91
10/20/2004	9:56:01	74	61.71	29.53	149.1	2.696	-62	6.35	3071	1591.2
10/20/2004	9:56:37	110	61.6	29.53	114.3	2.696	-70	6.39	1670	1572.7
10/20/2004	9:57:14	147	61.65	29.531	139.1	2.696	-75	6.4	1034	1580.37
10/20/2004	9:57:51	184	61.64	29.53	135.1	2.696	-78	6.42	745	1574.75
10/20/2004	9:58:28	221	61.59	29.53	125.7	2.696	-80	6.42	625	1574.25
10/20/2004	9:59:04	257	62.11	29.531	133.8	2.696	-80	6.42	870	1576.29
10/20/2004	9:59:41	294	61.83	29.531	139.2	2.696	-82	6.43	1143	1586.58
10/20/2004	10:00:18	331	61.74	29.531	111.2	2.696	-83	6.44	1067	1591.25
10/20/2004	10:00:55	368	61.61	29.531	84.4	2.696	-84	6.44	883	1605.96
10/20/2004	10:01:31	404	61.65	29.532	67	2.696	-85	6.44	728	1614.49
10/20/2004	10:02:08	441	61.63	29.531	44.4	2.696	-86	6.45	637	1609.15
10/20/2004	10:02:45	478	61.58	29.532	36.9	2.696	-86	6.45	558	1614.49
10/20/2004	10:03:20	513	61.6	29.532	27.3	2.696	-86	6.45	499	1617.18
10/20/2004	10:03:57	550	61.52	29.532	22	2.696	-87	6.45	460	1607.03
10/20/2004	10:04:33	586	61.62	29.532	26.3	2.696	-87	6.45	428	1604.91
10/20/2004	10:05:10	623	61.59	29.531	17.8	2.696	-88	6.45	392	1606.51
10/20/2004	10:05:47	660	61.5	29.532	15.8	2.696	-88	6.45	380	1608.1
10/20/2004	10:06:24	697	61.51	29.532	14.8	2.696	-88	6.45	366	1601.23
10/20/2004	10:07:01	734	61.4	29.532	15.3	2.696	-88	6.46	358	1591.28
10/20/2004	10:07:37	770	61.54	29.533	13.3	2.696	-88	6.46	348	1594.94
10/20/2004	10:08:14	807	61.61	29.533	12	2.696	-88	6.46	356	1606.53
10/20/2004	10:08:50	843	61.59	29.533	15	2.696	-88	6.46	352	1610.25
10/20/2004	10:09:26	879	61.6	29.533	11.3	2.696	-89	6.46	338	1607.59
10/20/2004	10:10:03	916	61.54	29.533	10.2	2.696	-89	6.46	321	1601.25
10/20/2004	10:10:38	951	61.58	29.533	10.4	2.696	-89	6.46	307	1604.95
10/20/2004	10:11:14	987	61.64	29.533	9.6	2.696	-89	6.46	306	1609.73

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.15.003-HMW-27-10-20-2004.flo To Generate a report Insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-27

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent.	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	39	[ft]
Well Depth:	40	[ft]
Well Diam:	2	[in]
Screen Len:	180	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	30.74	[ft]
Pump Level (TOC):	32.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.91	[mL]
Actual Total Volume:	118.91	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/20/2004	13:26:55
End date/time:	10/20/2004	13:44:20
Total Time:	0:17:25	

Reading #	pH	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.47	0	53.95	-0.21	0.26	-0.02	1254.05	-0.65	20.07	-1.72	16.78	0	13:41:30
3	6.47	0	53.52	-0.43	0.25	-0.01	1253.08	-0.97	20.2	0.13	16.75	-0.03	13:42:07
2	6.47	0	53.22	-0.3	0.24	-0.01	1255.02	1.94	17.23	-2.97	16.76	0.01	13:42:44
1	6.47	0	53.01	-0.21	0.22	-0.02	1252.75	-2.26	17.79	0.56	16.71	-0.05	13:43:20
0	6.47	0	52.62	-0.39	0.21	0	1251.14	-1.61	17.51	-0.28	16.73	0.02	13:43:57

pH Min:	6.47
pH Max:	6.47
ORP Min:	52.62
ORP Max:	53.95
DO Min:	0.21
DO Max:	0.26

Cond Min:	1251.14	
Cond Max:	1255.02	
Turb Min:	17.23	
Turb Max:	20.2	
Temp Min:	16.71	
Temp Max:	16.78	
Notes:		
Device Record:		
In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:41:22
Report from file:	...\Hartford Working Group-15-03095.15.003-HMW-27-10-20-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:	LowFlow	
Test defined on:	10/20/2004	13:26:55
Test started on:	10/20/2004	13:26:55
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 Seconds	
Time between default storages:	0.0 Seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	29	
TOTAL DATA SAMPLES	29	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
---	---	---	---	---	---	---	---	---	---	---
10/20/2004	13:26:55	0	65.43	29.495	57	2.696	39	7.68	9371	1088.99
10/20/2004	13:27:32	37	63.29	29.496	73.3	2.696	49	6.85	6584	1256.94
10/20/2004	13:28:08	73	62.74	29.496	72.5	2.696	53	6.65	3764	1265.43
10/20/2004	13:28:44	109	62.61	29.495	70	2.696	54	6.57	2579	1266.42
10/20/2004	13:29:21	146	62.44	29.495	61.2	2.696	56	6.53	1761	1264.78
10/20/2004	13:29:57	182	62.44	29.495	60.4	2.696	57	6.51	1313	1263.79
10/20/2004	13:30:32	217	62.39	29.494	46.7	2.696	58	6.49	1018	1262.48
10/20/2004	13:31:09	254	62.34	29.494	48.3	2.696	58	6.48	836	1261.83
10/20/2004	13:31:45	290	62.37	29.493	42	2.696	58	6.48	731	1261.18
10/20/2004	13:32:22	327	62.33	29.493	35.9	2.696	58	6.47	666	1260.52
10/20/2004	13:32:58	363	62.33	29.493	31.4	2.696	58	6.47	605	1258.25
10/20/2004	13:33:35	400	62.33	29.492	33.7	2.696	58	6.47	579	1259.23
10/20/2004	13:34:12	437	62.27	29.492	36	2.696	58	6.47	488	1259.55
10/20/2004	13:34:49	474	62.3	29.492	33.9	2.696	57	6.47	444	1258.25
10/20/2004	13:35:25	510	62.29	29.492	28.4	2.696	57	6.47	417	1255.33
10/20/2004	13:36:02	547	62.26	29.492	27	2.696	57	6.47	405	1256.31
10/20/2004	13:36:38	583	62.29	29.491	26.8	2.696	57	6.47	374	1256.96
10/20/2004	13:37:14	619	62.18	29.492	26.4	2.696	56	6.47	362	1255.34
10/20/2004	13:37:50	655	62.22	29.492	29.4	2.696	56	6.47	348	1255.34
10/20/2004	13:38:26	691	62.22	29.493	24.2	2.696	56	6.47	331	1257.28
10/20/2004	13:39:02	727	62.2	29.494	23.8	2.696	55	6.47	322	1255.01
10/20/2004	13:39:41	766	62.21	29.493	21.5	2.696	55	6.47	309	1253.72
10/20/2004	13:40:18	803	62.18	29.493	25.3	2.696	54	6.47	291	1255.34
10/20/2004	13:40:54	839	62.2	29.493	21.8	2.696	54	6.47	278	1254.69
10/20/2004	13:41:30	875	62.2	29.493	20.1	2.696	54	6.47	260	1254.05
10/20/2004	13:42:07	912	62.16	29.493	20.2	2.696	54	6.47	252	1253.08
10/20/2004	13:42:44	949	62.17	29.493	17.2	2.696	53	6.47	239	1255.02
10/20/2004	13:43:20	985	62.08	29.494	17.8	2.696	53	6.47	217	1252.75
10/20/2004	13:43:57	1022	62.11	29.493	17.5	2.696	53	6.47	213	1251.14

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.15.003-HMW-28-10-20-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-28

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	39	[ft]
Well Depth:	40	[ft]
Well Diam:	2	[in]
Screen Len:	180	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	30.84	[ft]
Pump Level (TOC):	32.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.91	[mL]
Actual Total Volume:	118.91	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/20/2004	16:28:18
End date/time:	10/20/2004	16:37:48
Total Time:	0:09:30	

Reading #	pH	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.54	0	86	1.07	1.12	-0.05	1005.18	0	27.67	-4.32	16.56	0.01	16:34:58
3	6.54	0	86.68	0.68	1.12	0	1005.59	0.42	31.8	4.13	16.55	-0.01	16:35:35
2	6.54	0	87.54	0.86	1.09	-0.03	1005.8	0.21	30.3	-1.5	16.55	0	16:36:12
1	6.54	0	88.52	0.98	0.99	-0.09	1006.22	0.42	30.17	-0.13	16.54	0	16:36:49
0	6.54	0	89.08	0.56	0.96	-0.04	1006.43	0.21	30.48	0.31	16.55	0	16:37:25

pH Min:	6.54
pH Max:	6.54
ORP Min:	86
ORP Max:	89.08
DO Min:	0.96
DO Max:	1.12

Cond Min:	1005.18
Cond Max:	1006.43
Turb Min:	27.67
Turb Max:	31.8
Temp Min:	16.54
Temp Max:	16.56

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:42:21
Report from file:	...\Hartford Working Group-15-03095.15.003-HMW-28-10-20-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/20/2004	16:28:18
Test started on:	10/20/2004	16:28:18
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	16	
TOTAL DATA SAMPLES	16	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/20/2004	16:28:18	0	64.59	29.482	5.1	2.696	55	7.82	8789	563.77
10/20/2004	16:28:54	36	63.86	29.482	13.5	2.696	66	7.07	7026	869.38
10/20/2004	16:29:31	73	62.89	29.483	16	2.696	72	6.72	4301	985.63
10/20/2004	16:30:07	109	62.53	29.483	18.9	2.696	75	6.6	2633	996.12
10/20/2004	16:30:43	145	62.28	29.484	22.1	2.696	78	6.57	1914	1004.76
10/20/2004	16:31:20	182	62.14	29.483	24.1	2.696	79	6.56	1567	1006.84
10/20/2004	16:31:57	219	61.98	29.483	23.9	2.696	81	6.55	1429	1004.55
10/20/2004	16:32:33	255	61.86	29.483	29.1	2.696	82	6.55	1345	1004.34
10/20/2004	16:33:10	292	61.87	29.483	28.9	2.696	83	6.54	1270	1005.17
10/20/2004	16:33:47	329	61.84	29.483	29.2	2.696	84	6.54	1173	1004.97
10/20/2004	16:34:22	364	61.79	29.484	32	2.696	85	6.54	1166	1005.18
10/20/2004	16:34:58	400	61.8	29.483	27.7	2.696	86	6.54	1117	1005.18
10/20/2004	16:35:35	437	61.79	29.483	31.8	2.696	87	6.54	1117	1005.59
10/20/2004	16:36:12	474	61.79	29.483	30.3	2.696	88	6.54	1086	1005.8
10/20/2004	16:36:49	511	61.78	29.483	30.2	2.696	89	6.54	993	1006.22
10/20/2004	16:37:25	547	61.78	29.483	30.5	2.696	89	6.54	957	1006.43

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.15.003-HMW-29-10-20-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-29

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	39	[ft]
Well Depth:	40	[ft]
Well Diam:	2	[in]
Screen Len:	180	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	29.19	[ft]
Pump Level (TOC):	32.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.91	[mL]
Actual Total Volume:	118.91	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/20/2004	18:15:33
End date/time:	10/20/2004	18:28:17
Total Time:	0:12:44	

Reading #	pH	Variance	ORP □[mV]	Variance	DO □[mg/L]	Variance	Cond □[uS/cm	Variance	Turb □[NTU	Variance	Temp □[C]	Variance	Time
4	6.67	0	-10.47	-2.48	6.2	-0.13	874	1.26	260.15	39.41	15.72	0	18:25:18
3	6.67	0	-13.04	-2.57	6.06	-0.14	875.73	1.73	280.04	19.9	15.7	-0.01	18:25:56
2	6.67	0	-15.23	-2.18	5.95	-0.11	875.89	0.16	309.97	29.93	15.71	0.01	18:26:32
1	6.67	0	-17.58	-2.36	2.96	-2.99	876.2	0.32	308.52	-1.45	15.71	0	18:27:09
0	6.67	0	-19.77	-2.18	1.27	-1.69	878.26	2.06	328.76	20.24	15.71	0	18:27:44

pH Min:	6.67
pH Max:	6.67
ORP Min:	-19.77
ORP Max:	-10.47
DO Min:	1.27
DO Max:	6.2

Cond Min:	874
Cond Max:	878.26
Turb Min:	260.15
Turb Max:	328.76
Temp Min:	15.7
Temp Max:	15.72
Notes:	
Device Record:	
In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	11/22/2004 14:43:02
Report from file:	...\Hartford Working Group-15-03095.15.003-HMW-29-10-20-2004.flo.bin
Win-Situ Version	4.51
Serial number:	30627
Firmware Version	1.39
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	10/20/2004 18:15:33
Test started on:	10/20/2004 18:15:33
Test stopped on:	N/A N/A

Data gathered using Event testing

Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	21
TOTAL DATA SAMPLES	21

Channel number [1]

Measurement type:	Temperature
Channel name:	

Channel number [3]

Measurement type:	Barometric Pressure
Channel name:	

Channel number [4]

Measurement type:	Turbidity
Channel name:	

Channel number [5]

Measurement type:	Battery Voltage
Channel name:	

Channel number [11]

Measurement type:	ORP
Channel name:	

Channel number [12]

Measurement type:	pH
Channel name:	

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/20/2004	18:15:33	0	62.26	29.489	169.7	2.683	81	7	7773	873.66
10/20/2004	18:16:09	36	60.91	29.49	214.3	2.683	63	6.81	7250	865.73
10/20/2004	18:16:46	73	60.57	29.491	237.3	2.683	52	6.76	7467	861.44
10/20/2004	18:17:21	108	60.5	29.491	210.4	2.683	43	6.73	7418	860.07
10/20/2004	18:17:58	145	60.46	29.491	195.8	2.683	36	6.71	7289	858.25
10/20/2004	18:18:38	185	60.42	29.492	190.3	2.683	30	6.71	7151	859.62
10/20/2004	18:19:14	221	60.41	29.491	204.5	2.683	25	6.69	7063	859.92
10/20/2004	18:19:51	258	60.37	29.492	208.2	2.683	21	6.69	6980	861.14
10/20/2004	18:20:26	293	60.37	29.493	213.9	2.683	16	6.69	6905	862.21
10/20/2004	18:21:03	330	60.33	29.493	206.3	2.683	12	6.68	6831	864.36
10/20/2004	18:21:39	366	60.35	29.493	230.4	2.683	8	6.68	6757	864.98
10/20/2004	18:22:16	403	60.35	29.493	207.9	2.683	4	6.68	6682	866.52
10/20/2004	18:22:52	439	60.31	29.494	230.3	2.683	1	6.68	6607	868.53
10/20/2004	18:23:29	476	60.32	29.494	237.3	2.683	-2	6.68	6526	869.31
10/20/2004	18:24:05	512	60.31	29.495	239.7	2.683	-5	6.67	6463	869.77
10/20/2004	18:24:42	549	60.29	29.495	220.7	2.683	-8	6.68	6332	872.74
10/20/2004	18:25:18	585	60.29	29.496	260.1	2.683	-10	6.67	6197	874
10/20/2004	18:25:56	623	60.26	29.496	280	2.683	-13	6.67	6057	875.73
10/20/2004	18:26:32	659	60.28	29.496	310	2.683	-15	6.67	5952	875.89
10/20/2004	18:27:09	696	60.28	29.497	308.5	2.683	-18	6.67	2959	876.2
10/20/2004	18:27:44	731	60.27	29.498	328.8	2.683	-20	6.67	1272	878.26

INSTRUCTIONS: This is the raw.data export format from the Win-Situ Low Flow Cell data file:Hartford Work Group-15-03095.14.007-HMW-38C-10-19-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Work Group
Site Name:	15-03095.14.007
Well ID:	HMW-38C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	47	[ft]
Well Depth:	42.07	[ft]
Well Diam:	2	[in]
Screen Len:	116.4	[in]
Screen Depth:	32.2	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	33.11	[ft]
Pump Level (TOC):	38	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.3 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	119.31	[mL]
Actual Total Volume:	119.31	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/19/2004	16:53:49
End date/time:	10/19/2004	17:00:31
Total Time:	0:06:42	

Reading #	pH	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.57	0	-92.17	-2.01	0.6	-0.12	1156.44	3.09	11.18	-0.21	14.89	0.09	16:57:29
3	6.57	0.01	-94.02	-1.84	0.49	-0.11	1155.6	-0.84	9.83	-1.35	14.86	-0.04	16:58:05
2	6.57	0	-95.26	-1.24	0.46	-0.03	1151.68	-3.92	9.73	-0.1	14.77	-0.08	16:58:42
1	6.58	0	-96.63	-1.37	0.43	-0.03	1152.8	1.12	8.94	-0.79	14.8	0.03	16:59:19
0	6.58	0	-97.66	-1.03	0.39	-0.04	1152.8	0	10.01	1.07	14.85	0.05	16:59:56

pH Min:	6.57
pH Max:	6.58
ORP Min:	-97.66
ORP Max:	-92.17
DO Min:	0.39
DO Max:	0.6

Cond Min:	1151.68
Cond Max:	1156.44
Turb Min:	8.94
Turb Max:	11.18
Temp Min:	14.77
Temp Max:	14.89

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:21:21
Report from file:	...\Hartford Work Group-15-03095.14.007-HMW-38C-10-19-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:	LowFlow	
Test defined on:	10/19/2004	16:53:49
Test started on:	10/19/2004	16:53:49
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	11	
TOTAL DATA SAMPLES	11	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/19/2004	16:53:49	0	58.3	29.36	41.5	2.696	-69	6.62	3672	1117.28
10/19/2004	16:54:26	37	58.47	29.361	40.6	2.696	-77	6.6	2129	1127.89
10/19/2004	16:55:01	72	58.47	29.361	29.2	2.696	-81	6.58	1447	1134.08
10/19/2004	16:55:38	109	58.58	29.36	19	2.696	-85	6.57	1078	1150.28
10/19/2004	16:56:15	146	58.44	29.361	13.1	2.696	-88	6.57	873	1151.67
10/19/2004	16:56:52	183	58.64	29.36	11.4	2.696	-90	6.57	717	1153.35
10/19/2004	16:57:29	220	58.8	29.361	11.2	2.696	-92	6.57	598	1156.44
10/19/2004	16:58:05	256	58.74	29.361	9.8	2.696	-94	6.57	493	1155.6
10/19/2004	16:58:42	293	58.59	29.361	9.7	2.696	-95	6.57	461	1151.68
10/19/2004	16:59:19	330	58.64	29.361	8.9	2.696	-97	6.58	431	1152.8
10/19/2004	16:59:56	367	58.73	29.362	10	2.696	-98	6.58	391	1152.8

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.14-007-HMW-39B-10-25-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	Bret Hoekman
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.14-007
Well ID:	HMW-39C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	31	[ft]
Well Depth:	29.51	[ft]
Well Diam:	2	[in]
Screen Len:	78	[in]
Screen Depth:	23.6	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	22.45	[ft]
Pump Level (TOC):	28	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.5 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.52	[mL]
Actual Total Volume:	118.52	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/25/2004	14:13:55
End date/time:	10/25/2004	14:21:46
Total Time:	0:07:51	

Reading #	pH	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.61	0.03	47.25	-1.89	1.43	-0.08	1098.19	14.74	87.38	1.71	24.97	0.71	14:18:49
3	6.62	0.01	46.05	-1.2	1.38	-0.05	1113.34	15.15	88.58	1.2	25.59	0.63	14:19:26
2	6.63	0.01	45.02	-1.03	1.35	-0.03	1126.5	13.17	84.88	-3.71	26.13	0.54	14:20:02
1	6.64	0.01	44.12	-0.9	1.32	-0.03	1139.71	13.21	80.93	-3.95	26.59	0.46	14:20:39
0	6.65	0.01	43.26	-0.86	1.3	-0.02	1151.01	11.29	78.55	-2.38	27.02	0.43	14:21:16

pH Min:	6.61
pH Max:	6.65
ORP Min:	43.26
ORP Max:	47.25
DO Min:	1.3
DO Max:	1.43

Cond Min:	1098.19	
Cond Max:	1151.01	
Turb Min:	78.55	
Turb Max:	88.58	
Temp Min:	24.97	
Temp Max:	27.02	
Notes:		
Device Record:		
In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:22:01
Report from file:	...\Hartford Working Group-15-03095.14-007-HMW-39B-10-25-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:	LowFlow	
Test defined on:	10/25/2004	14:13:55
Test started on:	10/25/2004	14:13:55
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	13	
TOTAL DATA SAMPLES	13	

Channel number [1]

Measurement type:	Temperature
Channel name:	

Channel number [3]

Measurement type:	Barometric Pressure
Channel name:	

Channel number [4]

Measurement type:	Turbidity
Channel name:	

Channel number [5]

Measurement type:	Battery Voltage
Channel name:	

Channel number [11]

Measurement type:	ORP
Channel name:	

Channel number [12]

Measurement type:	pH
Channel name:	

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/25/2004	14:13:55	0	77.53	29.45	119.9	1.961	101	6.35	2878	980.46
10/25/2004	14:14:32	37	76.62	29.451	135.2	1.961	90	6.28	2428	1043.61
10/25/2004	14:15:09	74	73.46	29.449	123.4	1.961	79	6.23	2284	1079.79
10/25/2004	14:15:45	110	73.26	29.449	130.2	1.948	69	6.31	2019	1075.16
10/25/2004	14:16:22	147	73.64	29.448	117.4	1.961	62	6.4	1817	1064.34
10/25/2004	14:16:58	183	73.83	29.448	108.9	1.961	57	6.48	1695	1065.05
10/25/2004	14:17:35	220	74.27	29.446	107.4	1.961	52	6.54	1622	1067.67
10/25/2004	14:18:12	257	75.65	29.446	85.7	1.961	49	6.58	1513	1083.45
10/25/2004	14:18:49	294	76.94	29.443	87.4	1.961	47	6.61	1431	1098.19
10/25/2004	14:19:26	331	78.07	29.444	88.6	1.961	46	6.62	1383	1113.34
10/25/2004	14:20:02	367	79.04	29.442	84.9	1.961	45	6.63	1352	1126.5
10/25/2004	14:20:39	404	79.87	29.443	80.9	1.961	44	6.64	1321	1139.71
10/25/2004	14:21:16	441	80.64	29.441	78.5	1.948	43	6.65	1300	1151.01

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.14-007-HMW-39C-10-25-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	Bret Hoekman
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.14-007
Well ID:	HMW-39C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	44	[ft]
Well Depth:	42.51	[ft]
Well Diam:	2	[in]
Screen Len:	116.4	[in]
Screen Depth:	32	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	29.3	[ft]
Pump Level (TOC):	37	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.2 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	119.16	[mL]
Actual Total Volume:	119.16	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/25/2004	12:25:16
End date/time:	10/25/2004	12:34:07
Total Time:	0:08:51	

Reading #	pH	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.63	0.01	-27.68	1.5	2.78	0.26	2009.43	9.26	97.05	-3.28	20.05	-0.12	12:31:22
3	6.63	0	-26.09	1.59	3.09	0.31	1998.45	-10.97	87.85	-9.2	19.98	-0.07	12:31:59
2	6.65	0.02	-24.97	1.12	3.33	0.24	2012.79	14.34	91.57	3.72	20.02	0.03	12:32:35
1	6.65	0.01	-23.9	1.07	3.55	0.23	2025.61	12.83	85.04	-6.53	20.28	0.27	12:33:12
0	6.66	0.01	-22.87	1.03	3.71	0.15	2023.88	-1.73	90.02	4.99	20.19	-0.09	12:33:49

pH Min:	6.63
pH Max:	6.66
ORP Min:	-27.68
ORP Max:	-22.87
DO Min:	2.78
DO Max:	3.71

Cond Min:	1998.45	
Cond Max:	2025.61	
Turb Min:	85.04	
Turb Max:	97.05	
Temp Min:	19.98	
Temp Max:	20.28	

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:22:35
Report from file:	...\Hartford Working Group-15-03095.14-007-HMW-39C-10-25-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/25/2004	12:25:16
Test started on:	10/25/2004	12:25:16
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	15	
TOTAL DATA SAMPLES	15	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/25/2004	12:25:17	1	70.79	29.469	70	1.909	-41	6.53	2016	2002.15
10/25/2004	12:25:53	37	69.99	29.465	63.4	1.909	-40	6.51	1762	1978.8
10/25/2004	12:26:30	74	68.95	29.468	91.9	1.909	-39	6.51	1621	1979.56
10/25/2004	12:27:06	110	69.02	29.467	95.4	1.909	-38	6.54	1571	1986.12
10/25/2004	12:27:43	147	68.66	29.467	97.9	1.909	-37	6.54	1637	1980.3
10/25/2004	12:28:19	183	68.47	29.466	84.4	1.909	-35	6.56	1712	1989.37
10/25/2004	12:28:56	220	68.21	29.465	78.9	1.909	-34	6.58	1862	1981.07
10/25/2004	12:29:32	256	68.19	29.464	97	1.909	-32	6.59	2079	1992.66
10/25/2004	12:30:09	293	68.56	29.463	107.3	1.909	-31	6.61	2273	2001.86
10/25/2004	12:30:46	330	68.3	29.463	100.3	1.909	-29	6.62	2519	2000.16
10/25/2004	12:31:22	366	68.1	29.462	97	1.909	-28	6.63	2777	2009.43
10/25/2004	12:31:59	403	67.97	29.462	87.8	1.909	-26	6.63	3089	1998.45
10/25/2004	12:32:35	439	68.03	29.461	91.6	1.909	-25	6.65	3327	2012.79
10/25/2004	12:33:12	476	68.51	29.461	85	1.909	-24	6.65	3553	2025.61
10/25/2004	12:33:49	513	68.34	29.46	90	1.909	-23	6.66	3707	2023.88

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:HARTFORD WORKING GROUP-15-03095.14-007-HMW-40C-10-20-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	SAM PETERSON
Company Name:	CLAYTON GROUP SERVICES
Project Name:	HARTFORD WORKING GROUP
Site Name:	15-03095.14-007
Well ID:	HMW-40C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[mS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	40	[ft]
Well Depth:	39.04	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	24	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	27.15	[ft]
Pump Level (TOC):	32	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.0 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.96	[mL]
Actual Total Volume:	118.96	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/20/2004	8:58:00
End date/time:	10/20/2004	9:03:28
Total Time:	0:05:28	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [mS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	7.3	0.02	194.58	-6.54	0.42	-0.18	36.83	-0.07	-1.51	-0.01	15.43	0.03	9:01:01
3	7.31	0.01	187.52	-7.06	0.29	-0.12	36.94	0.11	-1.5	0.01	15.45	0.02	9:01:37
2	7.32	0.01	182.78	-4.75	0.22	-0.07	36.9	-0.04	-1.54	-0.04	15.45	0	9:02:13
1	7.33	0.01	175.34	-7.44	0.16	-0.05	36.78	-0.12	-1.54	0	15.44	0	9:02:50
0	7.35	0.02	170.72	-4.62	0.13	-0.03	36.79	0.01	-1.47	0.08	15.4	-0.04	9:03:26

pH Min:	7.3
pH Max:	7.35
ORP Min:	170.72
ORP Max:	194.58
DO Min:	0.13
DO Max:	0.42

Cond Min:	36.78
Cond Max:	36.94
Turb Min:	-1.54
Turb Max:	-1.47
Temp Min:	15.4
Temp Max:	15.45

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:09:44
Report from file:	...\HARTFORD WORKING GROUP-15-03095.14-007-HMW-40C-10-20-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30508	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/20/2004	8:58:00
Test started on:	10/20/2004	8:58:00
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	10	
TOTAL DATA SAMPLES	10	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/20/2004	8:58:00	0	59.76	29.561	0.3	2.709	221	7.3	7103	36897.82
10/20/2004	8:58:38	38	59.82	29.561	-1.3	2.696	217	7.19	2941	37007.38
10/20/2004	8:59:13	73	59.76	29.562	-1.4	2.67	212	7.2	1411	36907.2
10/20/2004	8:59:49	109	59.82	29.562	-1.5	2.644	206	7.25	803	36950
10/20/2004	9:00:24	144	59.72	29.562	-1.5	2.619	201	7.28	594	36892.86
10/20/2004	9:01:01	181	59.77	29.563	-1.5	2.683	195	7.3	415	36826.44
10/20/2004	9:01:37	217	59.8	29.563	-1.5	2.632	188	7.31	292	36940.39
10/20/2004	9:02:13	253	59.8	29.563	-1.5	2.632	183	7.32	219	36902.3
10/20/2004	9:02:50	290	59.8	29.563	-1.5	2.644	175	7.33	164	36779.11
10/20/2004	9:03:26	326	59.72	29.564	-1.5	2.657	171	7.35	132	36788.54

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:HARTFORD WORKING GROUP-15-03095.14-007-HMW-41B-10-20-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	SAM PETERSON
Company Name:	CLAYTON GROUP SERVICES
Project Name:	HARTFORD WORKING GROUP
Site Name:	15-03095.14-007
Well ID:	HMW-41B

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[mS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	35	[ft]
Well Depth:	31.75	[ft]
Well Diam:	2	[in]
Screen Len:	158.4	[in]
Screen Depth:	18.25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	26.48	[ft]
Pump Level (TOC):	29.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.7 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.72	[mL]
Actual Total Volume:	118.72	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/20/2004	15:08:38
End date/time:	10/20/2004	15:15:23
Total Time:	0:06:45	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [mS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.88	0	60.75	-4.28	0.16	-0.01	71.51	-0.07	-1.53	0.01	16.48	0	15:12:52
3	6.88	0.01	57.5	-3.25	0.17	0	71.51	0	-1.55	-0.02	16.45	-0.03	15:13:28
2	6.85	-0.04	54.46	-3.04	0.16	0	71.58	0.07	-1.49	0.06	16.48	0.02	15:14:04
1	6.81	-0.04	51.94	-2.52	0.17	0	71.53	-0.05	-1.5	-0.01	16.48	0	15:14:41
0	6.8	-0.01	49.59	-2.35	0.17	0	71.76	0.23	-1.51	-0.01	16.46	-0.02	15:15:18

pH Min:	6.8
pH Max:	6.88
ORP Min:	49.59
ORP Max:	60.75
DO Min:	0.16
DO Max:	0.17

Cond Min:	71.51
Cond Max:	71.76
Turb Min:	-1.55
Turb Max:	-1.49
Temp Min:	16.45
Temp Max:	16.48

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:13:32
Report from file:	...\HARTFORD WORKING GROUP-15-03095.14-007-HMW-41B-10-20-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30508	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/20/2004	15:08:38
Test started on:	10/20/2004	15:08:38
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	12	
TOTAL DATA SAMPLES	12	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/20/2004	15:08:38	0	61.91	29.533	-1.3	2.644	114	6.92	1717	72101.56
10/20/2004	15:09:14	36	61.83	29.532	-1.5	2.644	101	6.91	932	72047.21
10/20/2004	15:09:50	72	61.75	29.532	-1.5	2.644	91	6.9	561	71776.57
10/20/2004	15:10:27	109	61.68	29.533	-1.6	2.619	82	6.89	351	71758.61
10/20/2004	15:11:02	144	61.69	29.532	-1.7	2.528	75	6.88	239	71686.82
10/20/2004	15:11:39	181	61.67	29.532	-1.6	2.528	70	6.88	183	71507.93
10/20/2004	15:12:15	217	61.67	29.532	-1.5	2.632	65	6.87	174	71579.36
10/20/2004	15:12:52	254	61.67	29.531	-1.5	2.632	61	6.88	161	71507.89
10/20/2004	15:13:28	290	61.62	29.531	-1.5	2.593	58	6.88	166	71507.85
10/20/2004	15:14:04	326	61.66	29.532	-1.5	2.67	54	6.85	161	71579.26
10/20/2004	15:14:41	363	61.66	29.531	-1.5	2.632	52	6.81	165	71525.63
10/20/2004	15:15:18	400	61.62	29.532	-1.5	2.644	50	6.8	166	71758.41

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:HARTFORD WORKING GROUP-15-03095.14-007-HMW-41C-10-20-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	SAM PETERSON
Company Name:	CLAYTON GROUP SERVICES
Project Name:	HARTFORD WORKING GROUP
Site Name:	15-03095.14-007
Well ID:	HMW-41C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[mS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	49	[ft]
Well Depth:	48.27	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	33.27	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	26.99	[ft]
Pump Level (TOC):	41	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.4 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	119.41	[mL]
Actual Total Volume:	119.41	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/20/2004	13:52:49
End date/time:	10/20/2004	13:59:04
Total Time:	0:06:15	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [mS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.85	0	76.03	-7.65	0.37	-0.05	76.61	0.18	-1.49	-0.01	16.15	-0.01	13:56:25
3	6.85	0	69.57	-6.46	0.28	-0.09	76.57	-0.04	-1.52	-0.03	16.13	-0.02	13:57:02
2	6.85	0	64.01	-5.56	0.21	-0.07	76.74	0.16	-1.48	0.04	16.09	-0.04	13:57:38
1	6.85	0	59.48	-4.53	0.17	-0.04	76.86	0.12	-1.51	-0.03	16.11	0.02	13:58:15
0	6.85	0	54.61	-4.87	0.17	-0.01	76.82	-0.04	-1.48	0.03	16.08	-0.03	13:58:51

pH Min:	6.85
pH Max:	6.85
ORP Min:	54.61
ORP Max:	76.03
DO Min:	0.17
DO Max:	0.37

Cond Min:	76.57
Cond Max:	76.86
Turb Min:	-1.52
Turb Max:	-1.48
Temp Min:	16.08
Temp Max:	16.15

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:14:35
Report from file:	...\HARTFORD WORKING GROUP-15-03095.14-007-HMW-41C-10-20-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30508	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/20/2004	13:52:49
Test started on:	10/20/2004	13:52:49
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	11	
TOTAL DATA SAMPLES	11	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/20/2004	13:52:49	0	62.88	29.547	-1.2	2.67	166	6.91	4675	67996.34
10/20/2004	13:53:24	35	61.7	29.547	-1.4	2.67	138	6.93	2655	73338.3
10/20/2004	13:54:00	71	61.36	29.547	-1.5	2.67	118	6.9	1382	75801.84
10/20/2004	13:54:36	107	61.2	29.546	-1.5	2.67	104	6.88	824	76286.13
10/20/2004	13:55:13	144	61.17	29.546	-1.5	2.657	93	6.86	606	76428.58
10/20/2004	13:55:49	180	61.08	29.546	-1.5	2.657	84	6.85	424	76428.6
10/20/2004	13:56:25	216	61.06	29.545	-1.5	2.657	76	6.85	371	76612.5
10/20/2004	13:57:02	253	61.03	29.545	-1.5	2.644	70	6.85	280	76571.59
10/20/2004	13:57:38	289	60.96	29.545	-1.5	2.644	64	6.85	210	76735.63
10/20/2004	13:58:15	326	61	29.545	-1.5	2.619	59	6.85	174	76859.13
10/20/2004	13:58:51	362	60.94	29.545	-1.5	2.644	55	6.85	166	76817.97

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:HARTFORD WORKING GROUP-15-03095.14-007-HMW-42B-10-25-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	SAM PETERSON
Company Name:	CLAYTON GROUP SERVICES
Project Name:	HARTFORD WORKING GROUP
Site Name:	15-03095.14-007
Well ID:	HMW-42B

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	40	[ft]
Well Depth:	39.82	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	24.82	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	31.88	[ft]
Pump Level (TOC):	34.5	[ft]
Final Pumping Rate:	150	[mL/min]
Stable Draw Down:	4	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.0 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.96	[mL]
Actual Total Volume:	118.96	[mL]
Calculated Measurement Interval:	48	[sec]
Actual Measurement Interval:	48	[sec]
Start date/time:	10/25/2004	10:49:47
End date/time:	10/25/2004	10:59:35
Total Time:	0:09:48	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.75	0	-109.71	-1.37	0.4	-0.03	1118.21	-0.78	119.63	-16.08	19.84	-0.02	10:56:05
3	6.75	0	-110.35	-0.64	0.39	-0.02	1117.18	-1.03	111.07	-8.56	19.82	-0.02	10:56:54
2	6.75	0	-110.99	-0.64	0.38	-0.01	1112.56	-4.62	99.75	-11.32	19.72	-0.1	10:57:41
1	6.75	0	-110.99	0	0.37	-0.01	1114.35	1.79	100.57	0.81	19.76	0.04	10:58:30
0	6.75	0	-110.91	0.09	0.37	0	1113.84	-0.51	92.76	-7.81	19.74	-0.03	10:59:18

pH Min:	6.75
pH Max:	6.75
ORP Min:	-110.99
ORP Max:	-109.71
DO Min:	0.37
DO Max:	0.4

Cond Min:	1112.56
Cond Max:	1118.21
Turb Min:	92.76
Turb Max:	119.63
Temp Min:	19.72
Temp Max:	19.84

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Pro XP/e	
Report generated:	11/22/2004	14:44:12
Report from file:	...\HARTFORD WORKING GROUP-15-03095.14-007-HMW-42B-10-25-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	31733	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/25/2004	10:49:47
Test started on:	10/25/2004	10:49:47
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0. 0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	10	
TOTAL DATA SAMPLES	10	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/25/2004	10:49:47	0	78.36	29.568	123.2	5.936	-108	6.73	747	1289.11
10/25/2004	10:50:36	49	74.33	29.559	157.9	5.936	-102	6.73	816	1243.82
10/25/2004	10:51:23	96	72.49	29.554	189.3	5.936	-101	6.74	830	1202.2
10/25/2004	10:52:12	145	70.28	29.552	176.7	5.936	-101	6.75	730	1177.4
10/25/2004	10:55:17	330	67.74	29.545	135.7	5.936	-108	6.75	431	1118.99
10/25/2004	10:56:05	378	67.71	29.547	119.6	5.936	-110	6.75	401	1118.21
10/25/2004	10:56:54	427	67.67	29.548	111.1	5.936	-110	6.75	385	1117.18
10/25/2004	10:57:41	474	67.5	29.548	99.8	5.936	-111	6.75	380	1112.56
10/25/2004	10:58:30	523	67.57	29.548	100.6	5.936	-111	6.75	371	1114.35
10/25/2004	10:59:18	571	67.53	29.547	92.8	5.936	-111	6.75	371	1113.84

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.14-007-HMW-43C-10-25-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	Bret Hoekman
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.14-007
Well ID:	HMW-43C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	40	[ft]
Well Depth:	40.86	[ft]
Well Diam:	2	[in]
Screen Len:	116.4	[in]
Screen Depth:	31	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	29.58	[ft]
Pump Level (TOC):	35	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.5 mL) - pH_ORP (18 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.52	[mL]
Actual Total Volume:	118.52	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/25/2004	17:05:44
End date/time:	10/25/2004	17:11:18
Total Time:	0:05:34	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.58	0.01	-14.25	-0.82	0.82	-0.29	1041.09	0.92	238.41	36.22	17.22	-0.12	17:08:47
3	6.57	-0.01	-13.96	0.29	0.65	-0.17	1035.89	-5.2	212.27	-26.13	17.22	0	17:09:24
2	6.58	0.01	-15.08	-1.12	0.55	-0.1	1037.03	1.14	213.52	1.24	17.08	-0.15	17:10:00
1	6.59	0.01	-15.1	-0.01	0.45	-0.1	1039.54	2.5	197.49	-16.02	17.06	-0.01	17:10:37
0	6.61	0.02	-15.96	-0.87	0.42	-0.02	1034.13	-5.4	200.55	3.05	17	-0.06	17:11:14

pH Min:	6.57
pH Max:	6.61
ORP Min:	-15.96
ORP Max:	-13.96
DO Min:	0.42
DO Max:	0.82

Cond Min:	1034.13
Cond Max:	1041.09
Turb Min:	197.49
Turb Max:	238.41
Temp Min:	17
Temp Max:	17.22

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	15:13:41
Report from file:	...\Hartford Working Group-15-03095.14-007-HMW-43C-10-25-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/25/2004	17:05:44
Test started on:	10/25/2004	17:05:44
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	10	
TOTAL DATA SAMPLES	10	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/25/2004	17:05:44	0	67.23	29.442	135.6	1.961	-5	6.89	6272	1093.63
10/25/2004	17:06:20	36	64.85	29.442	238.5	1.948	-10	6.65	3830	1054.42
10/25/2004	17:06:57	73	63.82	29.441	267.9	1.948	-12	6.59	2525	1050.71
10/25/2004	17:07:33	109	63.5	29.44	231.5	1.948	-13	6.57	1612	1047.71
10/25/2004	17:08:10	146	63.21	29.439	202.2	1.948	-13	6.57	1108	1040.17
10/25/2004	17:08:47	183	63	29.438	238.4	1.948	-14	6.58	822	1041.09
10/25/2004	17:09:24	220	63	29.436	212.3	1.948	-14	6.57	651	1035.89
10/25/2004	17:10:00	256	62.74	29.436	213.5	1.948	-15	6.58	552	1037.03
10/25/2004	17:10:37	293	62.72	29.434	197.5	1.948	-15	6.59	448	1039.54
10/25/2004	17:11:14	330	62.6	29.434	200.5	1.948	-16	6.61	423	1034.13

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.14-007-HMW-49C-10-21-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.14-007
Well ID:	HMW-49C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	41.5	[ft]
Well Depth:	39.25	[ft]
Well Diam:	2	[in]
Screen Len:	111.6	[in]
Screen Depth:	30	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	31.93	[ft]
Pump Level (TOC):	35	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.0 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	119.04	[mL]
Actual Total Volume:	119.04	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/21/2004	15:37:48
End date/time:	10/21/2004	15:49:43
Total Time:	0:11:55	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.37	-0.01	-65.19	1.63	0.52	0.03	911.55	0.17	19.31	-1.03	17.76	0	15:46:57
3	6.36	-0.01	-63.81	1.37	0.53	0.01	911.05	-0.5	19.29	-0.01	17.72	-0.04	15:47:34
2	6.35	-0.01	-62.31	1.5	0.53	0	911.04	0	18.26	-1.03	17.7	-0.01	15:48:11
1	6.34	-0.01	-60.81	1.5	0.58	0.05	911.21	0.17	17.05	-1.21	17.71	0	15:48:48
0	6.34	-0.01	-59.53	1.29	0.57	-0.01	911.88	0.67	16.88	-0.17	17.71	0.01	15:49:24

pH Min:	6.34
pH Max:	6.37
ORP Min:	-65.19
ORP Max:	-59.53
DO Min:	0.52
DO Max:	0.58

Cond Min:	911.04
Cond Max:	911.88
Turb Min:	16.88
Turb Max:	19.31
Temp Min:	17.7
Temp Max:	17.76

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:26:38
Report from file:	...\Hartford Working Group-15-03095.14-007-HMW-49C-10-21-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/21/2004	15:37:48
Test started on:	10/21/2004	15:37:48
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	20	
TOTAL DATA SAMPLES	20	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/21/2004	15:37:48	0	64.38	29.516	35.5	2.683	-88	6.81	4379	910.9
10/21/2004	15:38:24	36	64.13	29.517	35.5	2.683	-89	6.69	2308	908.57
10/21/2004	15:38:59	71	64	29.517	33.4	2.683	-88	6.62	1390	908.07
10/21/2004	15:39:36	108	63.94	29.516	26	2.683	-87	6.57	977	907.9
10/21/2004	15:40:12	144	63.9	29.516	25.2	2.683	-85	6.54	764	907.9
10/21/2004	15:40:52	184	63.9	29.517	25.9	2.683	-83	6.52	608	907.56
10/21/2004	15:41:27	219	63.92	29.517	21.5	2.683	-81	6.5	541	908.06
10/21/2004	15:42:04	256	63.94	29.517	24	2.683	-79	6.48	494	908.39
10/21/2004	15:42:40	292	63.96	29.517	21.1	2.683	-77	6.46	553	909.06
10/21/2004	15:43:17	329	63.93	29.517	23	2.683	-75	6.44	503	909.05
10/21/2004	15:43:54	366	63.93	29.517	21.1	2.683	-73	6.43	579	909.22
10/21/2004	15:44:30	402	63.93	29.517	21.6	2.67	-72	6.42	595	909.55
10/21/2004	15:45:07	439	63.94	29.516	20.6	2.683	-70	6.4	520	910.38
10/21/2004	15:45:43	475	63.96	29.517	18.7	2.683	-68	6.39	503	910.72
10/21/2004	15:46:20	512	63.96	29.517	20.3	2.683	-67	6.38	499	911.38
10/21/2004	15:46:57	549	63.97	29.516	19.3	2.683	-65	6.37	524	911.55
10/21/2004	15:47:34	586	63.89	29.517	19.3	2.683	-64	6.36	534	911.05
10/21/2004	15:48:11	623	63.87	29.517	18.3	2.683	-62	6.35	530	911.04
10/21/2004	15:48:48	660	63.87	29.516	17.1	2.683	-61	6.34	585	911.21
10/21/2004	15:49:24	696	63.88	29.515	16.9	2.683	-60	6.34	572	911.88

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:HARTFORD WORKING GROUP-15-03095.14-007-HMW-49D-10-21-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	SAM PETERSON
Company Name:	CLAYTON GROUP SERVICES
Project Name:	HARTFORD WORKING GROUP
Site Name:	15-03095.14-007
Well ID:	HMW-49D

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	200	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[mS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	52	[ft]
Well Depth:	50.15	[ft]
Well Diam:	2	[in]
Screen Len:	115.2	[in]
Screen Depth:	41	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	34.59	[ft]
Pump Level (TOC):	45	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.6 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	119.55	[mL]
Actual Total Volume:	119.55	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/21/2004	15:57:22
End date/time:	10/21/2004	16:04:03
Total Time:	0:06:41	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [mS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.58	0	2.76	-6.8	0.21	-0.02	0.94	0	-1.43	-0.01	17.21	-0.04	16:01:36
3	6.58	0	-3.66	-6.42	0.19	-0.03	0.92	-0.01	-1.44	-0.02	17.19	-0.02	16:02:12
2	6.6	0.02	-8.49	-4.84	0.17	-0.02	0.94	0.01	-1.4	0.04	17.16	-0.03	16:02:49
1	6.6	0	-12.81	-4.32	0.17	0	0.94	0	-1.4	0	17.16	0	16:03:25
0	6.57	-0.03	-17.39	-4.58	0.17	0	0.93	-0.01	-1.4	0	17.13	-0.03	16:04:02

pH Min:	6.57
pH Max:	6.6
ORP Min:	-17.39
ORP Max:	2.76
DO Min:	0.17
DO Max:	0.21

Cond Min:	0.92
Cond Max:	0.94
Turb Min:	-1.44
Turb Max:	-1.4
Temp Min:	17.13
Temp Max:	17.21

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:44:45
Report from file:	...\HARTFORD WORKING GROUP-15-03095.14-007-HMW-49D-10-21-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30508	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/21/2004	15:57:22
Test started on:	10/21/2004	15:57:22
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	12	
TOTAL DATA SAMPLES	12	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/21/2004	15:57:22	0	64.31	29.55	-1.1	2.541	120	6.18	2827	941.33
10/21/2004	15:57:59	37	64.85	29.55	-1.4	2.554	86	6.4	1505	942.29
10/21/2004	15:58:35	73	64.19	29.55	-1.4	2.567	62	6.52	1004	929.53
10/21/2004	15:59:11	109	63.63	29.55	-1.4	2.593	43	6.55	605	920.42
10/21/2004	15:59:48	146	63.28	29.55	-1.4	2.606	29	6.57	394	930.1
10/21/2004	16:00:24	182	63.16	29.549	-1.4	2.606	18	6.58	287	930.28
10/21/2004	16:00:59	217	63.04	29.55	-1.4	2.554	10	6.58	233	930.85
10/21/2004	16:01:36	254	62.98	29.55	-1.4	2.593	3	6.58	212	935.39
10/21/2004	16:02:12	290	62.94	29.55	-1.4	2.541	-4	6.58	187	924.48
10/21/2004	16:02:49	327	62.88	29.551	-1.4	2.619	-8	6.6	170	936.15
10/21/2004	16:03:25	363	62.88	29.552	-1.4	2.606	-13	6.6	174	938.24
10/21/2004	16:04:02	400	62.83	29.551	-1.4	2.554	-17	6.57	174	925.41

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:HARTFORD WORKING GROUP-15-03095.14-007-HMW-50A-10-21-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	SAM PETERSON
Company Name:	CLAYTON GROUP SERVICES
Project Name:	HARTFORD WORKING GROUP
Site Name:	15-03095.14-007
Well ID:	HMW-50A

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[mS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	32	[ft]
Well Depth:	29.75	[ft]
Well Diam:	2	[in]
Screen Len:	111.6	[in]
Screen Depth:	20.05	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	18.49	[ft]
Pump Level (TOC):	25	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.6 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.57	[mL]
Actual Total Volume:	118.57	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/21/2004	12:49:11
End date/time:	10/21/2004	12:52:03
Total Time:	0:02:52	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [mS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.76	6.76	93.33	93.33	1.94	1.94	1.27	1.27	-1.15	-1.15	15.75	15.75	12:49:11
3	6.73	-0.02	93.16	-0.17	1.7	-0.24	1.27	0	-1.47	-0.32	15.62	-0.13	12:49:48
2	6.74	0	94.49	1.33	1.86	0.16	1.28	0.01	-1.45	0.02	15.57	-0.05	12:50:24
1	6.7	-0.03	93.51	-0.98	1.75	-0.11	1.27	-0.01	-1.49	-0.03	15.57	0	12:51:01
0	6.69	-0.02	91.45	-2.05	1.9	0.15	1.27	0	-1.44	0.05	15.56	-0.01	12:51:37

pH Min:	6.69
pH Max:	6.76
ORP Min:	91.45
ORP Max:	94.49
DO Min:	1.7
DO Max:	1.94

Cond Min:	1.27
Cond Max:	1.28
Turb Min:	-1.49
Turb Max:	-1.15
Temp Min:	15.56
Temp Max:	15.75

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:15:15
Report from file:	...\HARTFORD WORKING GROUP-15-03095.14-007-HMW-50A-10-21-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30508	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/21/2004	12:49:11
Test started on:	10/21/2004	12:49:11
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	5	
TOTAL DATA SAMPLES	5	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/21/2004	12:49:11	0	60.35	29.597	-1.2	2.541	93	6.76	1940	1270.56
10/21/2004	12:49:48	37	60.11	29.597	-1.5	2.567	93	6.73	1702	1274.79
10/21/2004	12:50:24	73	60.02	29.597	-1.5	2.58	94	6.74	1858	1282.98
10/21/2004	12:51:01	110	60.02	29.597	-1.5	2.58	94	6.7	1747	1274.09
10/21/2004	12:51:37	146	60.01	29.597	-1.4	2.58	91	6.69	1896	1273.03

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.14-007-HMW-50B-10-21-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.14-007
Well ID:	HMW-50B

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	44.8	[ft]
Well Depth:	42.8	[ft]
Well Diam:	2	[in]
Screen Len:	55.2	[in]
Screen Depth:	35	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	32.86	[ft]
Pump Level (TOC):	37.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.2 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	119.2	[mL]
Actual Total Volume:	119.2	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/21/2004	11:52:14
End date/time:	10/21/2004	12:01:43
Total Time:	0:09:29	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	8.3	0.03	-61.77	-35.44	0.39	-0.04	949.08	-0.54	43.89	-3.48	15.53	0	11:58:57
3	8.34	0.04	-92.25	-30.48	0.37	-0.02	947.81	-1.27	43.3	-0.59	15.53	0	11:59:32
2	8.37	0.03	-119.43	-27.18	0.34	-0.03	947.09	-0.72	41.99	-1.31	15.52	-0.01	12:00:09
1	8.39	0.01	-139.38	-19.95	0.32	-0.02	946.55	-0.54	37.05	-4.95	15.54	0.02	12:00:45
0	8.42	0.03	-153.08	-13.7	0.3	-0.02	946.55	0	34.38	-2.67	15.53	0	12:01:22

pH Min:	8.3
pH Max:	8.42
ORP Min:	-153.08
ORP Max:	-61.77
DO Min:	0.3
DO Max:	0.39

Cond Min:	946.55
Cond Max:	949.08
Turb Min:	34.38
Turb Max:	43.89
Temp Min:	15.52
Temp Max:	15.54

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:27:15
Report from file:	...\Hartford Working Group-15-03095.14-007-HMW-50B-10-21-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/21/2004	11:52:14
Test started on:	10/21/2004	11:52:14
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	16	
TOTAL DATA SAMPLES	16	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/21/2004	11:52:14	0	62.1	29.567	37.3	2.683	127	7.45	4945	876.25
10/21/2004	11:52:51	37	61.78	29.567	65.6	2.683	121	7.75	3553	918.29
10/21/2004	11:53:28	74	61.05	29.568	71.9	2.683	116	7.96	2545	951.61
10/21/2004	11:54:05	111	60.63	29.568	73.1	2.683	112	8.03	1853	965.89
10/21/2004	11:54:41	147	60.47	29.567	64.3	2.683	105	8.07	1358	963.27
10/21/2004	11:55:18	184	60.17	29.567	62	2.683	96	8.1	1078	958.98
10/21/2004	11:55:54	220	60.18	29.568	57.9	2.683	80	8.13	847	957.5
10/21/2004	11:56:31	257	60.15	29.567	54.1	2.683	60	8.17	669	953.82
10/21/2004	11:57:08	294	60.11	29.567	50.8	2.683	36	8.2	551	952.72
10/21/2004	11:57:44	330	60.02	29.567	49.6	2.683	8	8.24	486	950.71
10/21/2004	11:58:20	366	59.95	29.567	47.4	2.683	-26	8.28	435	949.62
10/21/2004	11:58:57	403	59.95	29.567	43.9	2.683	-62	8.3	392	949.08
10/21/2004	11:59:32	438	59.95	29.567	43.3	2.683	-92	8.34	373	947.81
10/21/2004	12:00:09	475	59.93	29.567	42	2.683	-119	8.37	345	947.09
10/21/2004	12:00:45	511	59.97	29.567	37	2.683	-139	8.39	321	946.55
10/21/2004	12:01:22	548	59.96	29.566	34.4	2.683	-153	8.42	297	946.55

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:HARTFORD WORKING GROUP-15-03095.14-007-HMW-50C-10-21-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	SAM PETERSON
Company Name:	CLAYTON GROUP SERVICES
Project Name:	HARTFORD WORKING GROUP
Site Name:	15-03095.14-007
Well ID:	HMW-50C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[mS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	60	[ft]
Well Depth:	58.5	[ft]
Well Diam:	2	[in]
Screen Len:	115.2	[in]
Screen Depth:	48.5	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	36.08	[ft]
Pump Level (TOC):	54	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	119.95	[mL]
Actual Total Volume:	119.95	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/21/2004	9:46:45
End date/time:	10/21/2004	9:57:51
Total Time:	0:11:06	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [mS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	7.21	-0.01	-7.53	-7.23	0.06	0	1.79	-0.01	-1.5	-0.02	14.9	-0.01	9:55:02
3	7.2	-0.01	-13.01	-5.48	0.06	-0.01	1.8	0	-1.48	0.01	14.91	0.02	9:55:39
2	7.19	-0.01	-18.61	-5.61	0.05	-0.01	1.8	0	-1.48	0	14.92	0	9:56:16
1	7.19	0	-24.26	-5.65	0.05	0	1.78	-0.01	-1.48	0	14.89	-0.03	9:56:52
0	7.2	0.01	-28.41	-4.15	0.05	0	1.78	0	-1.49	-0.01	14.89	0	9:57:29

pH Min:	7.19
pH Max:	7.21
ORP Min:	-28.41
ORP Max:	-7.53
DO Min:	0.05
DO Max:	0.06

Cond Min:	1.78
Cond Max:	1.8
Turb Min:	-1.5
Turb Max:	-1.48
Temp Min:	14.89
Temp Max:	14.92

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:19:52
Report from file:	...\HARTFORD WORKING GROUP-15-03095.14-007-HMW-50C-10-21-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30508	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/21/2004	9:46:45
Test started on:	10/21/2004	9:46:45
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	18	
TOTAL DATA SAMPLES	18	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/21/2004	9:46:45	0	59.97	29.598	-1.1	2.528	204	7.02	5460	1283.4
10/21/2004	9:47:22	37	59.42	29.598	-1.5	2.554	167	7.05	2825	1552.22
10/21/2004	9:47:58	73	59.16	29.598	-1.5	2.58	133	7.05	1680	1715.02
10/21/2004	9:48:34	109	59.12	29.598	-1.5	2.554	107	7.07	1014	1767.8
10/21/2004	9:49:11	146	59.08	29.598	-1.5	2.58	87	7.08	665	1769.15
10/21/2004	9:49:47	182	59.01	29.597	-1.5	2.58	72	7.12	457	1775.3
10/21/2004	9:50:24	219	59	29.598	-1.4	2.593	59	7.14	329	1775.98
10/21/2004	9:51:26	281	58.92	29.598	-1.5	2.567	40	7.17	206	1785.63
10/21/2004	9:52:02	317	58.93	29.598	-1.5	2.567	30	7.17	167	1792.59
10/21/2004	9:52:38	353	58.93	29.598	-1.5	2.528	22	7.19	134	1805.97
10/21/2004	9:53:15	390	58.88	29.598	-1.5	2.58	14	7.19	100	1801.71
10/21/2004	9:53:51	426	58.83	29.598	-1.5	2.58	6	7.22	81	1801.71
10/21/2004	9:54:26	461	58.83	29.598	-1.5	2.58	0	7.22	62	1804.53
10/21/2004	9:55:02	497	58.82	29.597	-1.5	2.58	-8	7.21	62	1791.86
10/21/2004	9:55:39	534	58.85	29.598	-1.5	2.58	-13	7.2	57	1796.75
10/21/2004	9:56:16	571	58.85	29.598	-1.5	2.593	-19	7.19	52	1795.34
10/21/2004	9:56:52	607	58.8	29.598	-1.5	2.593	-24	7.19	47	1783.49
10/21/2004	9:57:29	644	58.8	29.597	-1.5	2.58	-28	7.2	47	1783.48

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:HARTFORD WORKING GROUP-15-03095.14-007-HMW-51C-10-20-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	SAM PETERSON
Company Name:	CLAYTON GROUP SERVICES
Project Name:	HARTFORD WORKING GROUP
Site Name:	15-03095.14-007
Well ID:	HMW-51C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[mS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	43	[ft]
Well Depth:	42.22	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	27.5	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	27.42	[ft]
Pump Level (TOC):	35	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.1 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	119.11	[mL]
Actual Total Volume:	119.11	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/20/2004	10:40:27
End date/time:	10/20/2004	10:46:05
Total Time:	0:05:38	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [mS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.95	0	122.17	-5.09	0.47	-0.2	64.56	0.03	-1.55	-0.01	15.09	-0.01	10:43:27
3	6.95	0	118.11	-4.06	0.36	-0.11	64.6	0.04	-1.56	-0.01	15.07	-0.01	10:44:04
2	6.94	0	114.3	-3.8	0.29	-0.07	64.63	0.03	-1.55	0.01	15.08	0.01	10:44:40
1	6.94	0	111.22	-3.08	0.25	-0.05	64.66	0.03	-1.56	-0.01	15.07	-0.01	10:45:16
0	6.95	0	107.76	-3.46	0.23	-0.01	64.7	0.04	-1.54	0.02	15.07	0	10:45:53

pH Min:	6.94
pH Max:	6.95
ORP Min:	107.76
ORP Max:	122.17
DO Min:	0.23
DO Max:	0.47

Cond Min:	64.56
Cond Max:	64.7
Turb Min:	-1.56
Turb Max:	-1.54
Temp Min:	15.07
Temp Max:	15.09

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:12:23
Report from file:	...\HARTFORD WORKING GROUP-15-03095.14-007-HMW-51C-10-20-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30508	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/20/2004	10:40:27
Test started on:	10/20/2004	10:40:27
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	10	
TOTAL DATA SAMPLES	10	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/20/2004	10:40:27	0	59.6	29.572	-1.4	2.67	169	7.01	6956	64715.71
10/20/2004	10:41:02	35	59.27	29.571	-1.5	2.67	151	6.97	3517	64599.04
10/20/2004	10:41:38	71	59.22	29.572	-1.5	2.67	140	6.97	1823	64526.36
10/20/2004	10:42:15	108	59.17	29.571	-1.5	2.67	133	6.96	1049	64511.89
10/20/2004	10:42:51	144	59.18	29.571	-1.5	2.657	127	6.95	673	64526.48
10/20/2004	10:43:27	180	59.16	29.57	-1.6	2.657	122	6.95	473	64555.61
10/20/2004	10:44:04	217	59.13	29.571	-1.6	2.657	118	6.95	362	64599.33
10/20/2004	10:44:40	253	59.15	29.572	-1.6	2.644	114	6.94	292	64628.53
10/20/2004	10:45:16	289	59.13	29.571	-1.6	2.619	111	6.94	246	64657.77
10/20/2004	10:45:53	326	59.12	29.572	-1.5	2.58	108	6.95	232	64701.64

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.14-007-HMW-52c-10-26-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	Bret Hoekman
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.14-007
Well ID:	HMW-52c

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	37	[ft]
Well Depth:	39.61	[ft]
Well Diam:	2	[in]
Screen Len:	175.2	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	28.63	[ft]
Pump Level (TOC):	34	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.8 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.82	[mL]
Actual Total Volume:	118.82	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/26/2004	11:11:32
End date/time:	10/26/2004	11:25:35
Total Time:	0:14:03	

Reading #		pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
	4	6.81	0	-0.74	-0.22	2.57	0.02	1106.14	-0.25	148.13	-18.66	16.27	-0.03	11:23:04
	3	6.82	0	-0.82	-0.09	2.63	0.06	1106.66	0.52	130.76	-17.37	16.28	0.01	11:23:41
	2	6.81	0	-0.65	0.17	2.68	0.05	1107.95	1.29	133.84	3.08	16.32	0.04	11:24:17
	1	6.81	0	-0.7	-0.05	2.73	0.04	1108.73	0.78	133.09	-0.75	16.25	-0.07	11:24:53
	0	6.81	0	-0.79	-0.09	2.64	-0.09	1108.73	0	117.99	-15.11	16.24	-0.01	11:25:30

pH Min:	6.81
pH Max:	6.82
ORP Min:	-0.82
ORP Max:	-0.65
DO Min:	2.57
DO Max:	2.73

Cond Min:	1106.14
Cond Max:	1108.73
Turb Min:	117.99
Turb Max:	148.13
Temp Min:	16.24
Temp Max:	16.32
Notes:	
Device Record:	
In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	11/22/2004 14:27:48
Report from file:	...\Hartford Working Group-15-03095.14-007-HMW-52c-10-26-2004.flo.bin
Win-Situ Version	4.51
Serial number:	30627
Firmware Version	1.39
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	10/26/2004 11:11:32
Test started on:	10/26/2004 11:11:32
Test stopped on:	N/A N/A

Data gathered using Event testing

Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	24
TOTAL DATA SAMPLES	24

Channel number [1]

Measurement type:	Temperature
Channel name:	

Channel number [3]

Measurement type:	Barometric Pressure
Channel name:	

Channel number [4]

Measurement type:	Turbidity
Channel name:	

Channel number [5]

Measurement type:	Battery Voltage
Channel name:	

Channel number [11]

Measurement type:	ORP
Channel name:	

Channel number [12]

Measurement type:	pH
Channel name:	

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/26/2004	11:11:32	0	63.99	29.47	33.1	1.844	52	7.38	7444	1133.2
10/26/2004	11:12:08	36	62.95	29.469	101.6	1.819	26	7.08	3969	1110.74
10/26/2004	11:12:45	73	62.12	29.468	100.2	1.819	16	6.95	3412	1102.77
10/26/2004	11:13:21	109	61.93	29.467	92.5	1.806	11	6.89	2970	1101.24
10/26/2004	11:13:57	145	61.84	29.467	90.8	1.806	8	6.85	2813	1100.73
10/26/2004	11:14:33	181	61.79	29.468	106.5	1.806	6	6.83	2407	1099.72
10/26/2004	11:14:59	207	61.71	29.467	95.9	1.793	5	6.82	2056	1099.46
10/26/2004	11:15:46	254	61.63	29.468	105.8	1.793	3	6.81	1908	1099.72
10/26/2004	11:16:22	290	61.66	29.468	127.8	1.793	3	6.8	1884	1099.72
10/26/2004	11:16:59	327	61.51	29.468	112.9	1.793	2	6.8	1888	1099.22
10/26/2004	11:17:35	363	61.48	29.468	110.7	1.793	1	6.81	1917	1099.73
10/26/2004	11:18:12	400	61.54	29.469	147.3	1.793	1	6.81	2079	1101.51
10/26/2004	11:18:49	437	61.44	29.468	143.7	1.793	1	6.8	2131	1101.52
10/26/2004	11:19:26	474	61.4	29.468	131.6	1.793	0	6.8	2201	1101.52
10/26/2004	11:20:03	511	61.42	29.468	170.7	1.793	0	6.8	2294	1104.08
10/26/2004	11:20:39	547	61.39	29.467	164.9	1.793	0	6.81	2350	1104.59
10/26/2004	11:21:16	584	61.36	29.465	179.6	1.793	0	6.81	2406	1104.34
10/26/2004	11:21:52	620	61.34	29.464	170.7	1.78	-1	6.81	2476	1105.88
10/26/2004	11:22:29	657	61.34	29.463	166.8	1.78	-1	6.81	2553	1106.4
10/26/2004	11:23:04	692	61.29	29.462	148.1	1.78	-1	6.81	2575	1106.14
10/26/2004	11:23:41	729	61.3	29.462	130.8	1.78	-1	6.82	2632	1106.66
10/26/2004	11:24:17	765	61.38	29.462	133.8	1.78	-1	6.81	2684	1107.95
10/26/2004	11:24:53	801	61.25	29.462	133.1	1.78	-1	6.81	2727	1108.73
10/26/2004	11:25:30	838	61.24	29.464	118	1.78	-1	6.81	2642	1108.73

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:HARTFORD WORKING GROUP-15-03095.14-007-MP-61C-10-25-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	SAM PETERSON
Company Name:	CLAYTON GROUP SERVICES
Project Name:	HARTFORD WORKING GROUP
Site Name:	15-03095.14-007
Well ID:	MP-61C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	39	[ft]
Well Depth:	37.17	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	22.17	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	30.37	[ft]
Pump Level (TOC):	33	[ft]
Final Pumping Rate:	150	[mL/min]
Stable Draw Down:	4	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.91	[mL]
Actual Total Volume:	118.91	[mL]
Calculated Measurement Interval:	48	[sec]
Actual Measurement Interval:	48	[sec]
Start date/time:	10/25/2004	13:17:33
End date/time:	10/25/2004	13:26:51
Total Time:	0:09:18	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.66	0	-86.64	-0.26	0.65	-0.02	1112.77	-2.56	30.06	1.22	19.68	-0.07	13:23:24
3	6.65	0	-86.55	0.08	0.64	-0.01	1113.53	0.76	26.22	-3.84	19.73	0.04	13:24:12
2	6.65	0	-86.09	0.47	0.63	-0.01	1107.17	-6.36	31.47	5.25	19.55	-0.18	13:25:01
1	6.65	0	-85.96	0.13	0.62	0	1106.41	-0.76	30.69	-0.78	19.33	-0.21	13:25:49
0	6.64	-0.01	-85.45	0.51	0.61	-0.01	1107.67	1.26	33.16	2.46	19.39	0.06	13:26:37

pH Min:	6.64
pH Max:	6.66
ORP Min:	-86.64
ORP Max:	-85.45
DO Min:	0.61
DO Max:	0.65
Cond Min:	1106.41

Cond Max:	1113.53	
Turb Min:	26.22	
Turb Max:	33.16	
Temp Min:	19.33	
Temp Max:	19.73	
Notes:		
Device Record:		
In-Situ Inc.	Troll 9000 Pro XP/e	
Report generated:	11/22/2004	14:58:14
Report from file:	...\HARTFORD WORKING GROUP-15-03095.14-007-MP-61C-10-25-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	31733	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/25/2004	13:17:33
Test started on:	10/25/2004	13:17:33
Test stopped on:	N/A	N/A
Data gathered using Event testing		
Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	13	
TOTAL DATA SAMPLES	13	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen

Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/25/2004	13:17:33	0	76.09	29.502	13.9	5.91	-86	6.65	2028	1232.69
10/25/2004	13:18:21	48	71.92	29.503	18.4	5.91	-84	6.62	1295	1175.63
10/25/2004	13:19:09	96	69.93	29.502	25.2	5.91	-85	6.63	911	1142.14
10/25/2004	13:19:58	145	68.59	29.501	31.1	5.91	-85	6.64	816	1133.07
10/25/2004	13:20:46	193	68.46	29.5	31.4	5.91	-85	6.65	782	1124.4
10/25/2004	13:21:35	242	68.14	29.498	29	5.936	-86	6.65	720	1123.09
10/25/2004	13:21:47	254	68.38	29.498	31.9	5.936	-86	6.65	707	1117.92
10/25/2004	13:22:35	302	67.55	29.498	28.8	5.91	-86	6.66	675	1115.34
10/25/2004	13:23:24	351	67.43	29.495	30.1	5.91	-87	6.66	653	1112.77
10/25/2004	13:24:12	399	67.51	29.495	26.2	5.936	-87	6.65	640	1113.53
10/25/2004	13:25:01	448	67.18	29.495	31.5	5.936	-86	6.65	627	1107.17
10/25/2004	13:25:49	496	66.8	29.495	30.7	5.936	-86	6.65	622	1106.41
10/25/2004	13:26:37	544	66.9	29.492	33.2	5.936	-85	6.64	608	1107.67

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.14-007-MP-62C-10-22-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.14-007
Well ID:	MP-62C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	39	[ft]
Well Depth:	37.32	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	22.32	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	29.52	[ft]
Pump Level (TOC):	32	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.91	[mL]
Actual Total Volume:	118.91	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/22/2004	9:51:27
End date/time:	10/22/2004	9:57:18
Total Time:	0:05:51	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.32	0.02	-96.02	-1.12	0.46	-0.14	559.65	5.43	28.25	2.32	15.49	-0.03	9:54:30
3	6.34	0.02	-96.15	-0.14	0.37	-0.09	562.99	3.34	27.65	-0.61	15.5	0.01	9:55:07
2	6.35	0.01	-96.29	-0.14	0.31	-0.06	571.16	8.18	23.09	-4.56	15.48	-0.02	9:55:43
1	6.37	0.02	-97.16	-0.86	0.26	-0.05	576.05	4.89	22.85	-0.24	15.47	-0.01	9:56:20
0	6.37	0	-96.95	0.21	0.22	-0.03	576.53	0.48	21.46	-1.39	15.46	-0.01	9:56:57

pH Min:	6.32
pH Max:	6.37
ORP Min:	-97.16
ORP Max:	-96.02
DO Min:	0.22
DO Max:	0.46
Cond Min:	559.65

Cond Max:	576.53	
Turb Min:	21.46	
Turb Max:	28.25	
Temp Min:	15.46	
Temp Max:	15.5	
Notes:		
Device Record:		
In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:28:25
Report from file:	...\Hartford Working Group-15-03095.14-007-MP-62C-10-22-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/22/2004	9:51:27
Test started on:	10/22/2004	9:51:27
Test stopped on:	N/A	N/A
Data gathered using Event testing		
Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	10	
TOTAL DATA SAMPLES	10	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen

Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/22/2004	9:51:27	0	60.92	29.481	37.5	2.67	-90	6.31	3266	557.86
10/22/2004	9:52:04	37	60.41	29.481	44.5	2.67	-92	6.28	1981	546.63
10/22/2004	9:52:40	73	60.1	29.481	28.6	2.67	-94	6.28	1325	544.58
10/22/2004	9:53:16	109	59.97	29.48	32.6	2.67	-95	6.29	879	550.99
10/22/2004	9:53:53	146	59.93	29.48	25.9	2.67	-95	6.3	593	554.22
10/22/2004	9:54:30	183	59.88	29.48	28.3	2.67	-96	6.32	457	559.65
10/22/2004	9:55:07	220	59.9	29.48	27.6	2.67	-96	6.34	367	562.99
10/22/2004	9:55:43	256	59.86	29.48	23.1	2.67	-96	6.35	305	571.16
10/22/2004	9:56:20	293	59.84	29.48	22.8	2.67	-97	6.37	258	576.05
10/22/2004	9:56:57	330	59.83	29.48	21.5	2.67	-97	6.37	225	576.53

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.14-007-MP-63C-10-22-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.14-007
Well ID:	MP-63C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	37.8	[ft]
Well Depth:	36.8	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	22	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	29.83	[ft]
Pump Level (TOC):	33.4	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.86	[mL]
Actual Total Volume:	118.86	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/22/2004	10:44:31
End date/time:	10/22/2004	10:50:50
Total Time:	0:06:19	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.37	0	-95.39	-2.31	0.57	-0.08	684.33	-0.67	33.8	-1.93	16.04	-0.02	10:48:11
3	6.37	0.01	-97.53	-2.14	0.51	-0.06	683.19	-1.14	35.73	1.93	15.99	-0.05	10:48:48
2	6.38	0	-99.33	-1.8	0.48	-0.03	682.91	-0.28	31.52	-4.2	15.98	0	10:49:24
1	6.38	0	-100.87	-1.54	0.45	-0.03	682.62	-0.28	32.13	0.6	15.97	-0.01	10:50:01
0	6.39	0.01	-102.33	-1.46	0.44	-0.01	682.44	-0.19	31.64	-0.49	15.96	-0.01	10:50:38

pH Min:	6.37
pH Max:	6.39
ORP Min:	-102.33
ORP Max:	-95.39
DO Min:	0.44
DO Max:	0.57
Cond Min:	682.44

Cond Max:	684.33	
Turb Min:	31.52	
Turb Max:	35.73	
Temp Min:	15.96	
Temp Max:	16.04	
Notes:		
Device Record:		
In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:29:41
Report from file:	...\Hartford Working Group-15-03095.14-007-MP-63C-10-22-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/22/2004	10:44:31
Test started on:	10/22/2004	10:44:31
Test stopped on:	N/A	N/A
Data gathered using Event testing		
Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	11	
TOTAL DATA SAMPLES	11	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen

Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Temp F	Barometric Inches Hg	Turbidity NTU	Battery Volts	ORP millivolts	pH pH	Clark DO ug/L	Conductivity mS/cm
10/22/2004	10:44:31	0	61.88	29.469	40.2	2.67	-60	6.41	4040	687.3
10/22/2004	10:45:08	37	61.47	29.47	38	2.67	-73	6.38	2478	688.84
10/22/2004	10:45:44	73	61.17	29.469	44.7	2.67	-81	6.37	1586	687.59
10/22/2004	10:46:21	110	61.1	29.469	34.2	2.67	-86	6.37	1076	687.01
10/22/2004	10:46:58	147	60.99	29.467	35.5	2.67	-90	6.37	775	685.57
10/22/2004	10:47:34	183	60.9	29.467	35.7	2.67	-93	6.37	644	685
10/22/2004	10:48:11	220	60.87	29.466	33.8	2.67	-95	6.37	567	684.33
10/22/2004	10:48:48	257	60.77	29.465	35.7	2.67	-98	6.37	509	683.19
10/22/2004	10:49:24	293	60.77	29.463	31.5	2.67	-99	6.38	477	682.91
10/22/2004	10:50:01	330	60.74	29.463	32.1	2.67	-101	6.38	450	682.62
10/22/2004	10:50:38	367	60.73	29.463	31.6	2.67	-102	6.39	441	682.44

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.14-007-MP-65C-10-25-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	Bret Hoekman
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.14-007
Well ID:	MP-65C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	39.8	[ft]
Well Depth:	39.95	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	31.66	[ft]
Pump Level (TOC):	36.4	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.0 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.95	[mL]
Actual Total Volume:	118.95	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/25/2004	9:25:07
End date/time:	10/25/2004	9:30:01
Total Time:	0:04:54	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.28	0.01	79.7	0.14	0.6	-0.08	1174.26	-0.88	6.75	0.7	17.36	0.07	9:27:33
3	6.29	0.01	79.66	-0.04	0.61	0.01	1168.2	-6.06	6.11	-0.64	17.24	-0.12	9:28:10
2	6.31	0.01	79.58	-0.08	0.61	0	1171.64	3.44	6	-0.11	17.25	0.02	9:28:46
1	6.31	0.01	79.72	0.14	0.59	-0.02	1166.18	-5.46	6.03	0.04	17.26	0.01	9:29:23
0	6.32	0.01	79.64	-0.08	0.55	-0.03	1171.33	5.15	5.69	-0.35	17.26	0	9:30:00

pH Min:	6.28
pH Max:	6.32
ORP Min:	79.58
ORP Max:	79.72
DO Min:	0.55
DO Max:	0.61
Cond Min:	1166.18

Cond Max:	1174.26	
Turb Min:	5.69	
Turb Max:	6.75	
Temp Min:	17.24	
Temp Max:	17.36	
Notes:		
Device Record:		
In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:31:30
Report from file:	...\Hartford Working Group-15-03095.14-007-MP-65C-10-25-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/25/2004	9:25:07
Test started on:	10/25/2004	9:25:07
Test stopped on:	N/A	N/A
Data gathered using Event testing		
Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	9	
TOTAL DATA SAMPLES	9	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen

Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/25/2004	9:25:07	0	63.25	29.474	7.1	1.935	81	6.25	1061	1176.91
10/25/2004	9:25:43	36	63.29	29.473	5.7	1.935	80	6.25	876	1178.07
10/25/2004	9:26:20	73	63.18	29.473	6.3	1.935	80	6.26	761	1173.41
10/25/2004	9:26:56	109	63.12	29.473	6	1.935	80	6.27	681	1175.14
10/25/2004	9:27:33	146	63.24	29.473	6.7	1.935	80	6.28	597	1174.26
10/25/2004	9:28:10	183	63.03	29.473	6.1	1.935	80	6.29	606	1168.2
10/25/2004	9:28:46	219	63.06	29.473	6	1.935	80	6.31	606	1171.64
10/25/2004	9:29:23	256	63.07	29.473	6	1.935	80	6.31	586	1166.18
10/25/2004	9:30:00	293	63.08	29.473	5.7	1.935	80	6.32	555	1171.33

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:HARTFORD WORKING GROUP-15-03095.14-007-MP-66C-10-25-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	SAM PETERSON
Company Name:	CLAYTON GROUP SERVICES
Project Name:	HARTFORD WORKING GROUP
Site Name:	15-03095.14-007
Well ID:	MP-66C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Pecent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Pecent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Pecent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Pecent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	42	[ft]
Well Depth:	40.11	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	25.11	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	30.38	[ft]
Pump Level (TOC):	35	[ft]
Final Pumping Rate:	150	[mL/min]
Stable Draw Down:	4	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (2.1 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	119.06	[mL]
Actual Total Volume:	119.06	[mL]
Calculated Measurement Interval:	48	[sec]
Actual Measurement Interval:	48	[sec]
Start date/time:	10/25/2004	14:56:26
End date/time:	10/25/2004	15:01:46
Total Time:	0:05:20	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.69	0.01	121.4	-2.78	2.34	-0.27	1308.91	-12.12	143.5	7.31	17.91	-0.37	14:58:02
3	6.69	0	119.26	-2.14	2.17	-0.16	1302.93	-5.99	143.01	-0.48	17.8	-0.11	14:58:51
2	6.7	0	117.34	-1.93	2.1	-0.07	1303.62	0.69	121.94	-21.07	17.83	0.03	14:59:39
1	6.69	0	115.92	-1.41	2.1	0	1294.9	-8.72	123.15	1.21	17.72	-0.11	15:00:29
0	6.69	0	114.55	-1.37	2.07	-0.03	1292.46	-2.43	122.62	-0.53	17.5	-0.22	15:01:16

pH Min:	6.69
pH Max:	6.7
ORP Min:	114.55
ORP Max:	121.4
DO Min:	2.07
DO Max:	2.34
Cond Min:	1292.46

Cond Max:	1308.91	
Turb Min:	121.94	
Turb Max:	143.5	
Temp Min:	17.5	
Temp Max:	17.91	
Notes:		
Device Record:		
In-Situ Inc.	Troll 9000 Pro XP/e	
Report generated:	11/22/2004	14:59:14
Report from file:	...\HARTFORD WORKING GROUP-15-03095.14-007-MP-62C-10-25-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	31733	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/25/2004	14:56:26
Test started on:	10/25/2004	14:56:26
Test stopped on:	N/A	N/A
Data gathered using Event testing		
Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	7	
TOTAL DATA SAMPLES	7	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen

Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/25/2004	14:56:26	0	66.65	29.494	140.4	5.936	127	6.68	3381	1345.58
10/25/2004	14:57:15	49	64.91	29.494	136.2	5.962	124	6.68	2605	1321.03
10/25/2004	14:58:02	96	64.24	29.493	143.5	5.962	121	6.69	2335	1308.91
10/25/2004	14:58:51	145	64.03	29.492	143	5.91	119	6.69	2172	1302.93
10/25/2004	14:59:39	193	64.1	29.491	121.9	5.962	117	6.7	2102	1303.62
10/25/2004	15:00:29	243	63.89	29.489	123.1	5.962	116	6.69	2102	1294.9
10/25/2004	15:01:16	290	63.5	29.488	122.6	5.962	115	6.69	2070	1292.46

INSTRUCTIONS: This is the raw data export format from the Win-Situ Low Flow Cell data file:Hartford Working Group-15-03095.14-007-MP-67C-10-26-2004.flo To Generate a report insert a new sheet based on a sheet template. See 'Sheet Template' and 'Insert a new sheet thats based on a custom template' in Excel help. An example template, InSituLowFlow.xlt, is provided by the Win-Situ Installation. You may copy this template from the templates subfolder in the folder where Win-Situ is installed to your Excel templates directory.

Operator Name:	Bret Hoekman
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.14-007
Well ID:	MP-67C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Pecent	0	[%]
DO Sensor:	Installed	Target Value	1	[mg/L]	Target Pecent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm]	Target Pecent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Pecent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	38	[ft]
Well Depth:	39.74	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	30.55	[ft]
Pump Level (TOC):	35	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (1.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	118.87	[mL]
Actual Total Volume:	118.87	[mL]
Calculated Measurement Interval:	36	[sec]
Actual Measurement Interval:	36	[sec]
Start date/time:	10/26/2004	8:52:22
End date/time:	10/26/2004	9:08:08
Total Time:	0:15:46	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.6	0.01	125.77	-1.76	0.58	0.06	1204.8	-0.91	25.8	0.26	16.38	0.02	9:05:10
3	6.6	0	124.1	-1.67	0.66	0.09	1207.55	2.75	25.32	-0.48	16.37	-0.02	9:05:47
2	6.61	0.01	122.3	-1.8	0.63	-0.03	1210.62	3.07	28.66	3.34	16.32	-0.04	9:06:23
1	6.61	0	120.72	-1.59	0.53	-0.1	1203.59	-7.03	29.48	0.82	16.33	0.01	9:07:00
0	6.62	0.01	119.31	-1.41	0.53	0.01	1200.86	-2.73	28.09	-1.39	16.31	-0.03	9:07:35

pH Min:	6.6
pH Max:	6.62
ORP Min:	119.31
ORP Max:	125.77
DO Min:	0.53
DO Max:	0.66
Cond Min:	1200.86

Cond Max:	1210.62	
Turb Min:	25.32	
Turb Max:	29.48	
Temp Min:	16.31	
Temp Max:	16.38	
Notes:		
Device Record:		
In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	11/22/2004	14:32:15
Report from file:	...\Hartford Working Group-15-03095.14-007-MP-67C-10-26-2004.flo.bin	
Win-Situ Version	4.51	
Serial number:	30627	
Firmware Version	1.39	
Unit name:	MP Troll 9000	
Test name:		LowFlow
Test defined on:	10/26/2004	8:52:22
Test started on:	10/26/2004	8:52:22
Test stopped on:	N/A	N/A
Data gathered using Event testing		
Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	26	
TOTAL DATA SAMPLES	26	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen

Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
10/26/2004	8:52:22	0	63.61	29.487	17.6	1.857	234	6.59	6128	1293.78
10/26/2004	8:52:59	37	62.41	29.486	15.4	1.844	216	6.48	3205	1266.94
10/26/2004	8:53:36	74	62.16	29.487	14.2	1.832	198	6.45	1863	1256.58
10/26/2004	8:54:12	110	61.98	29.487	18.3	1.819	185	6.45	1416	1245.41
10/26/2004	8:54:49	147	61.77	29.486	18.5	1.819	176	6.46	1149	1240.87
10/26/2004	8:55:26	184	61.76	29.487	17.1	1.819	170	6.48	877	1237.33
10/26/2004	8:56:02	220	61.69	29.485	18.9	1.819	164	6.49	745	1231.25
10/26/2004	8:56:39	257	61.62	29.485	17.2	1.806	160	6.5	710	1223.98
10/26/2004	8:57:15	293	61.58	29.485	19.2	1.806	156	6.52	653	1218.65
10/26/2004	8:57:52	330	61.52	29.485	21.6	1.806	153	6.53	560	1212.76
10/26/2004	8:58:29	367	61.53	29.485	19.1	1.806	150	6.54	604	1207.84
10/26/2004	8:59:06	404	61.5	29.485	19.7	1.806	146	6.55	632	1205.7
10/26/2004	8:59:42	440	61.48	29.484	19.7	1.806	143	6.56	641	1199.93
10/26/2004	9:00:19	477	61.45	29.484	22.2	1.806	141	6.57	628	1193.92
10/26/2004	9:00:54	512	61.48	29.484	19.6	1.806	138	6.57	583	1193.32
10/26/2004	9:01:31	549	61.46	29.484	22.1	1.806	136	6.58	552	1196.92
10/26/2004	9:02:07	585	61.45	29.483	20.1	1.806	134	6.58	520	1199.93
10/26/2004	9:02:45	623	61.42	29.482	24.2	1.806	132	6.59	503	1199.63
10/26/2004	9:03:21	659	61.4	29.482	22.9	1.806	130	6.59	543	1196.92
10/26/2004	9:03:58	696	61.42	29.482	22	1.793	129	6.59	557	1207.24
10/26/2004	9:04:34	732	61.44	29.482	25.5	1.793	128	6.6	516	1205.71
10/26/2004	9:05:10	768	61.49	29.482	25.8	1.793	126	6.6	578	1204.8
10/26/2004	9:05:47	805	61.46	29.482	25.3	1.793	124	6.6	664	1207.55
10/26/2004	9:06:23	841	61.38	29.481	28.7	1.793	122	6.61	634	1210.62
10/26/2004	9:07:00	878	61.4	29.48	29.5	1.793	121	6.61	530	1203.59
10/26/2004	9:07:35	913	61.35	29.481	28.1	1.793	119	6.62	535	1200.86

Clayton
GROUP SERVICES

APPENDIX C-2

JANUARY/FEBRUARY 2005

APPENDIX C-2
Well Sampling Indicator Parameters - First Quarter Sampling
Village of Hartford

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR000128249

Well Number	Date	Time	Total Volume of Water Removed (gals)	Temperature oC	pH (std. units)	Conductivity (umhos/cm)	TDS (ppm)	Turbidity (ntu)	Dissolved Oxygen (ug/L)	Visual Clarity	Comments
HMW-01	01/23/05	1053	1.0	14.0	8.06	960	NM	2.1	0.03	Clear	peristaltic pump
		1059	1.5	14.8	7.88	940	NM	5	0.02	Slightly cloudy	peristaltic pump
		1104	2.25	15.1	7.86	950	NM	1	0.03	Slightly cloudy	peristaltic pump
		1109	3.0	15.1	7.86	950	NM	1	0.03	Slightly cloudy	peristaltic pump
											Sampled well at 1115
HMW-21	01/24/05	0947	0.5	13.4	6.69	995	NM	13	0.85		peristaltic pump
		0954	1.0	13.6	6.75	969	NM	9	1.38		peristaltic pump
		1000	1.5	14.1	6.76	982	NM	8	0.99		peristaltic pump
		1007	2.5	13.9	6.77	982	NM	7	0.51		peristaltic pump
		1015	3.3	13.7	6.78	982	NM	5	0.47		peristaltic pump
		1022	4.0	14.1	6.78	984	NM	5	0.59		peristaltic pump
		1030	4.50	13.6	6.79	920	NM	5	0.53		peristaltic pump
HMW-38B	01/24/05	1302	0.50	14.4	6.43	967	NM	>999	2.03		Bailer Bailed dry
HMW-39B	02/06/05	0904	0.2	13.6	6.68	2.31	NM	37	4.58		
		0911	0.8	13.0	7.28	1.19	NM	5	4.39		
		0914	1.5	13.4	7.31	1.16	NM	0	4.24		
		0921	2.25	13.3	7.40	1.28	NM	0	4.50		
		0925	3.0	13.2	7.46	1.53	NM	0	4.57		
		0928	3.8	13.0	7.48	1.84	NM	0	4.53		
HMW-41B	02/03/05	1333	0.1	14.8	6.53	1460	NM	680	2.76		
		1338	1.0	15.4	6.46	1430	NM	0	2.13		
		1342	2.0	15.4	6.43	1420	NM	0	1.89		
		1351	3.0	15.3	6.44	1400	NM	0	2.02		
		1359	4.0	15.7	6.45	1400	NM	0	2.52		
HMW-45B	01/24/05	1616	0.50	14.7	6.73	1750	NM	201	0.01		Bailer
		1620	1.00	14.9	6.72	1750	NM	14	2.92		
		1626	1.50	14.9	6.72	1730	NM	222	1.91		Bailed dry
HMW-46B	01/24/05	1345	0.50	15.0	6.67	1070	NM	112	1.53		Bailer
		1351	1.00	14.9	6.69	1090	NM	115	1.93		Bailed dry

APPENDIX C-2
Well Sampling Indicator Parameters - First Quarter Sampling
Village of Hartford

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR000128249

Well Number	Date	Time	Total Volume of Water Removed	Temperature	pH	Conductivity	TDS	Turbidity	Dissolved Oxygen	Visual Clarity	Comments
HMW-48A	01/25/05	1411	0.66	15.3	6.42	2160	NM	15	NM		Bailer
		1413	1.1	15.1	6.31	2170	NM	28	NM		
		1415	1.6	15.0	6.55	2170	NM	40	NM		
		1417	2.1	15.1	6.57	2150	NM	53	NM		
		1420	2.6	15.1	6.58	2140	NM	55	NM		
		1422	3.1	15.1	6.58	2130	NM	78	NM		
		1424	3.6	15.2	6.58	2110	NM	101	NM		
		1426	4.1	15.2	6.60	2114	NM	120	NM		
		1428	4.6	15.2	6.61	2114	NM	138	NM		
		1430	5.1	15.3	6.64	2110	NM	144	NM		
		1434	5.6	15.1	6.62	2140	NM	149	NM		
HMW-50B	01/25/05	1012	2.5	13.2	7.62	1470	NM	0	NM		Peristaltic pump
		1021	3.3	13.3	7.42	1580	NM	0	NM		
		1030	4.0	13.3	7.36	1700	NM	0	NM		
		1036	4.5	13.4	7.33	1780	NM	0	NM		
		1043	5.0	13.6	7.28	1850	NM	0	NM		
		1053	5.5	13.6	7.25	1900	NM	0	NM		
		1100	6.3	13.6	7.24	1940	NM	0	NM		
		1115	8.0	13.5	7.21	2000	NM	0	NM		
HMW-52B	02/03/05	1040	0.75	14.1	6.37	1260	NM	263	0.95		
		1043	1.5	14.0	6.42	1270	NM	682	0.99		
		1048	3.0	14.4	6.42	1260	NM	683	0.93		
		1052	4.25	14.1	6.44	1260	NM	708	1.01		
		1057	6.0	14.5	6.46	1270	NM	639	0.95		
		1102	7.0	14.2	6.42	1260	NM	680	0.82		
MP-29B	01/25/05	1613	0.5	16.1	6.71	1100	NM	28	NM		Bailer
		1620	0.8	16.1	6.68	1050	NM	22	NM		
		1630	1.0	15.7	6.71	1040	NM	13	NM		
		1632	1.1	15.6	6.80	1090	NM	12	NM		
		1636	1.2	15.3	6.80	1090	NM	39	NM		
		1640	1.3	15.1	6.83	1100	NM	13	NM		
		1642	1.4	15.6	6.83	1140	NM	9	NM		
		1644	1.5	15.6	6.77	1120	NM	18	NM		

APPENDIX C-2
Well Sampling Indicator Parameters - First Quarter Sampling
Village of Hartford

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR000128249

Well Number	Date	Time	Total Volume of Water Removed	Temperature	pH	Conductivity	TDS	Turbidity	Dissolved Oxygen	Visual Clarity	Comments
MP-31B	02/01/05	1540	0.0	15.2	6.48	1180	NM	609	4.58		
		1543	0.2	15.8	6.83	1150	NM	98	4.78		
		1545	0.3	15.8	6.91	1150	NM	29	4.97		
		1547	0.4	16.2	6.93	1140	NM	23	4.07		
		1550	0.5	16.2	6.96	1150	NM	21	4.17		
MP-36B	02/02/05	1119	0.0	12.5	6.69	891	NM	540	1.57		
		1122	0.25	13.0	6.77	834	NM	180	1.53		
		1125	0.5	12.8	6.84	829	NM	98	2.18		
		1128	0.75	12.8	6.84	822	NM	43	2.09		
MP-37B	01/26/05	1045	0.3	13.0	6.75	1420	NM	17	8.14		Bailer
		1051	0.35	13.7	6.80	1480	NM	36	8.01		
		1056	0.4	14.1	6.81	1460	NM	33	7.96		
		1059	0.45	14.1	6.78	1420	NM	21	7.90		
		1103	0.50	14.4	6.82	1430	NM	20	7.97		
MP-37C	01/26/05	0856	0.5	15.7	6.54	1180	NM	>999	0.79		Bailer
		0858	1	15.8	6.50	1160	NM	265	0.51		
		0900	1.5	15.7	6.73	1150	NM	81	0.61		
		0902	2	15.6	6.79	1140	NM	81	0.50		
		0905	2.50	15.4	6.85	1140	NM	72	0.51		
		0908	3.00	15.4	6.88	1140	NM	72	0.51		
MP-49B	02/03/05	1505	0.1	14.4	6.39	1830	NM	0	3.61		
		1507	0.2	14.3	6.40	1850	NM	0	3.60		
		1509	0.3	14.6	6.40	1840	NM	0	2.87		
MP-50B	01/27/04	1532	0.5	14.3	6.36	910	NM	10	NM	Clear	Peristaltic pump
		1536	0.75	14.2	6.76	1020	NM	2	NM	Clear	Peristaltic pump
		1540	1.25	14.2	6.75	1020	NM	4	NM	Clear	Peristaltic pump
		1544	1.75	14.3	6.77	1020	NM	4	NM	Clear	Peristaltic pump
											GW sample collected at 1550

APPENDIX C-2
Well Sampling Indicator Parameters - First Quarter Sampling
Village of Hartford

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR000128249

Well Number	Date	Time	Total Volume of Water Removed	Temperature	pH	Conductivity	TDS	Turbidity	Dissolved Oxygen	Visual Clarity	Comments
MP-52B	01/27/05	1402	0.25	13.4	6.58	1000	NM	19	NM	Slightly cloudy	Peristaltic pump
		1406	0.75	12.2	6.80	960	NM	8	NM	Clear	Peristaltic pump
		1407	1.0	14.5	6.71	990	NM	6	NM	Clear	Peristaltic pump
		1411	1.5	14.3	6.71	990	NM	3	NM	Clear	Peristaltic pump
		1414	1.75	14.2	6.70	990	NM	5	NM	Clear	Peristaltic pump
											GW sample collected at 1415
MP-56B	02/03/05	0913	0.0	11.5	6.23	1230	NM	0	2.53		
		0917	0.1	11.9	6.38	1220	NM	0	2.65		
		0920	0.2	12.8	6.41	1210	NM	0	2.52		
		0923	0.3	12.6	6.43	1210	NM	0	2.42		
		0925	0.4	13.1	6.39	1200	NM	0	2.70		
MP-59A	02/01/05	1440	0.0	11.7	6.82	1310	NM	999	5.09		
		1443	0.2	12.1	6.89	601	NM	167	6.09		
		1446	0.5	12.2	6.88	750	NM	239	4.90		
		1448	1.0	12.2	6.78	922	NM	44	4.73		
		1450	1.2	12.7	6.74	955	NM	43	3.74		
		1452	1.5	12.9	6.68	950	NM	52	3.09		
		1455	1.8	13.0	6.67	907	NM	79	3.21		
MP-60A	02/02/05	1450	0.1	9.3	6.93	527	NM	62	5.32		
		1454	0.2	9.5	6.85	526	NM	39	4.85		
		1457	0.3	9.8	6.84	527	NM	21	5.83		
MP-62A	02/02/05	1330	0.0	9.6	6.89	464	NM	297	3.67		
		1334	0.1	9.5	6.75	450	NM	36	3.72		
		1336	0.2	9.7	6.74	447	NM	15	3.37		
		1338	0.3	10.0	6.73	441	NM	7	4.47		
MP-61A	02/02/05	0920	0.0	10.1	6.65	1240	NM	350	5.87		
		0921	0.1	10.1	6.93	1210	NM	55	6.21		
		0923	0.15	10.8	7.01	1180	NM	20	6.23		
		0926	0.2	11.1	7.01	1170	NM	11	6.14		
		0928	0.25	11.0	7.05	1180	NM	7	5.50		

APPENDIX C-2
Well Sampling Indicator Parameters - First Quarter Sampling
Village of Hartford

The Hartford Working Group / Hartford, Illinois
1190505040 -- Madison County -- ILR000128249

Well Number	Date	Time	Total Volume of Water Removed	Temperature	pH	Conductivity	TDS	Turbidity	Dissolved Oxygen	Visual Clarity	Comments
HB-31	02/01/05	1127	1.5	12.5	6.59	1290	NM	999	8.17		Bailer
			1.8	13.6	6.69	1330	NM	999	7.85		
			2.0	14.0	6.60	1350	NM	999	7.72		
			3.0	14.1	6.62	1350	NM	999	7.95		
			3.5	14.3	6.62	1340	NM	999	8.08		
			4.00	14.4	6.60	1340	NM	999	8.25		
HB-33	02/02/05	1445	3.5	13.2	6.73	970	NM	3	12.08		Bailer
		1453	4.0	13.6	6.84	960	NM	999	0.56		
		1500	5.0	13.8	6.88	950	NM	999	0.75		
		1509	5.5	13.7	6.90	950	NM	999	0.71		
		1518	6.0	13.7	6.84	950	NM	999	0.69		
		1525	6.50	13.7	6.81	950	NM	999	0.75		
HB-37	02/03/05	955	1.0	14.8	6.29	1520	NM	106	2.47		Bailer
		1007	2.5	15.2	6.74	1740	NM	105	0.30		
		1020	3.0	15.2	6.80	1770	NM	774	0.32		
		1027	3.5	15.2	6.78	1760	NM	999	0.54		
		1033	3.8	15.3	6.80	1710	NM	981	0.73		
		1040	4.00	15.1	6.79	1650	NM	999	0.74		

NOTES:
* = Electronic data corrupted
°C = degrees Centigrade
mV = millivolts
ntu = nephelometric turbidity units
µg/L = micrograms per liter
umhos/cm = micromhos per centimeter

Operator Name:	Bret Hoekman
Company Name:	Clayton Group Services
Project Name:	Village of Hartford
Site Name:	15-03095.14.007
Well ID:	HB-32

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	44 [ft]
Well Depth:	46 [ft]
Well Diam:	4 [in]
Screen Len:	156 [in]
Screen Depth:	31 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	33 [ft]
Pump Level (TOC):	39.5 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (196.4 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	313.39 [mL]
Actual Total Volume:	313.39 [mL]
Calculated Measurement Interval:	9402 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	2/1/2005	15:04:50
End date/time:	2/1/2005	15:12:42
Total Time:	0:07:52	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.4	0	-36.47	-0.55	356.94	-28.23	1163.02	1.59	1.2	0.05	56.54	-0.2	15:10:25
3	6.39	-0.01	-37.07	-0.6	352.05	-4.89	1163.2	0.18	1.16	-0.03	56.53	-0.01	15:10:57
2	6.39	0	-37.62	-0.55	350.96	-1.09	1163.18	-0.02	1.31	0.14	56.64	0.11	15:11:28
1	6.39	0	-38.13	-0.51	355.08	4.11	1162.69	-0.49	1.58	0.27	56.74	0.1	15:11:58
0	6.38	0	-38.6	-0.47	349.51	-5.57	1162.03	-0.65	1.2	-0.38	56.8	0.06	15:12:29

pH Min:	6.38
pH Max:	6.4
ORP Min:	-38.6
ORP Max:	-36.47
DO Min:	349.51
DO Max:	356.94
Cond Min:	1162.03
Cond Max:	1163.2
Turb Min:	1.16
Turb Max:	1.58
Temp Min:	56.53

Temp Max:	56.8
Notes:	
Device Record:	

In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	3/7/2005 15:00:00
Report from file:	...\Village of Hartford-15-03095.14.007-HB-32-2-1-2005.flo.bin
Win-Situ Version	4.51
Serial number:	31949
Firmware Version	1.46
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	2/1/2005 15:04:50
Test started on:	2/1/2005 15:04:50
Test stopped on:	N/A N/A
Data gathered using Event testing	
Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	16
TOTAL DATA SAMPLES	16
Channel number [1]	
Measurement type:	Temperature
Channel name:	
Channel number [3]	
Measurement type:	Barometric Pressure
Channel name:	
Channel number [4]	
Measurement type:	Turbidity
Channel name:	
Channel number [5]	
Measurement type:	Battery Voltage
Channel name:	
Channel number [11]	
Measurement type:	ORP
Channel name:	
Channel number [12]	
Measurement type:	pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
2/1/2005	15:04:50	0	52.89	29.882	2.6	2.629	-28	6.63	1660	867.03
2/1/2005	15:05:19	29	53.47	29.881	2.5	2.655	-29	6.57	1429	869.64
2/1/2005	15:05:50	60	55.24	29.88	1.6	2.629	-30	6.53	1126	894.09
2/1/2005	15:06:20	90	56.05	29.881	2	2.629	-31	6.5	896	903.82
2/1/2005	15:06:52	122	56.24	29.881	1.4	2.629	-31	6.47	746	906
2/1/2005	15:07:23	153	56.27	29.882	1.9	2.629	-32	6.46	627	906.5
2/1/2005	15:07:53	183	56.49	29.882	1.6	2.629	-33	6.44	546	909.53
2/1/2005	15:08:24	214	56.58	29.882	1.6	2.655	-34	6.43	504	909.54
2/1/2005	15:08:54	244	56.75	29.884	1.5	2.655	-35	6.42	461	912.08
2/1/2005	15:09:24	274	56.79	29.884	1.4	2.629	-35	6.41	425	912.08
2/1/2005	15:09:55	305	56.74	29.885	1.1	2.655	-36	6.4	385	911.74
2/1/2005	15:10:25	335	56.54	29.885	1.2	2.655	-36	6.4	357	910.56
2/1/2005	15:10:57	367	56.53	29.887	1.2	2.655	-37	6.39	352	910.56
2/1/2005	15:11:28	398	56.64	29.888	1.3	2.655	-38	6.39	351	911.92
2/1/2005	15:11:58	428	56.74	29.888	1.6	2.629	-38	6.39	355	912.77
2/1/2005	15:12:29	459	56.8	29.89	1.2	2.629	-39	6.38	350	912.94

Operator Name:	Bret Hoekman
Company Name:	Clayton Group Services
Project Name:	Village of Hartford
Site Name:	15-03095.14.007
Well ID:	HB-38

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	38 [ft]
Well Depth:	38.65 [ft]
Well Diam:	2 [in]
Screen Len:	204 [in]
Screen Depth:	21.5 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	27.82 [ft]
Pump Level (TOC):	33 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (169.6 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	286.61 [mL]
Actual Total Volume:	286.61 [mL]
Calculated Measurement Interval:	8599 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	2/2/2005	9:47:57
End date/time:	2/2/2005	10:02:10
Total Time:	0:14:13	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	5.98	-0.01	34	0.3	9468.43	64.46	1066.21	-0.12	134.08	-3.02	52.91	-0.24	10:00:02
3	5.97	-0.01	34.22	0.22	9184.59	-283.84	1065.25	-0.96	120.51	-13.57	52.72	-0.19	10:00:32
2	5.97	-0.01	34.52	0.3	8799.61	-384.98	1065.45	0.19	130.08	9.57	52.7	-0.02	10:01:02
1	5.95	-0.01	34.74	0.22	8634.19	-165.42	1063.28	-2.17	122.25	-7.82	52.94	0.24	10:01:32
0	5.95	-0.01	34.87	0.13	8496.1	-138.09	1062.78	-0.5	118.71	-3.54	53.04	0.1	10:02:02

pH Min:	5.95
pH Max:	5.98
ORP Min:	34
ORP Max:	34.87
DO Min:	8496.1
DO Max:	9468.43
Cond Min:	1062.78
Cond Max:	1066.21
Turb Min:	118.71
Turb Max:	134.08

Temp Min:	52.7
Temp Max:	53.04

Notes:

Device Record:

In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	3/7/2005 15:01:09
Report from file:	...\Village of Hartford-15-03095.14.007-HB-32-2-2-2005.flo.bin
Win-Situ Version	4.51
Serial number:	31949
Firmware Version	1.46
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	2/2/2005 9:47:57
Test started on:	2/2/2005 9:47:57
Test stopped on:	N/A N/A

Data gathered using Event testing

Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	21

TOTAL DATA SAMPLES 21

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]

Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
2/2/2005	9:47:57	0	53.68	29.866	468.9	2.655	129	6.49	6491	814.69
2/2/2005	9:48:27	30	55.59	29.866	380.8	2.655	103	6.35	3618	838.06
2/2/2005	9:48:57	60	56.3	29.865	231.8	2.629	84	6.29	2557	841.09
2/2/2005	9:49:28	91	56.65	29.865	207.5	2.655	68	6.28	1598	838.64
2/2/2005	9:49:58	121	56.06	29.865	189.6	2.629	59	6.24	1321	834.91
2/2/2005	9:50:29	152	56.98	29.866	210.6	2.629	51	6.23	1535	845.18
2/2/2005	9:55:14	437	54.14	29.869	142.6	2.655	33	6.07	1448	807.55
2/2/2005	9:55:27	450	54.21	29.868	139	2.655	33	6.07	572	804.76
2/2/2005	9:55:58	481	54.49	29.868	131.3	2.629	33	6.04	551	803.83
2/2/2005	9:56:28	511	54.75	29.869	170.6	2.655	33	6.02	1155	813.62
2/2/2005	9:56:58	541	54.37	29.869	150.4	2.655	33	6.02	2031	813.48
2/2/2005	9:57:28	571	54.14	29.869	147	2.655	33	6.01	6806	810.92
2/2/2005	9:57:59	602	53.9	29.869	146.3	2.655	33	6.01	8351	806.36
2/2/2005	9:58:29	632	53.74	29.87	136	2.655	33	6	9202	804.5
2/2/2005	9:59:00	663	53.57	29.869	136.4	2.655	34	5.99	9406	801.85
2/2/2005	9:59:30	693	53.15	29.869	137.1	2.655	34	5.99	9404	796.49
2/2/2005	10:00:02	725	52.91	29.87	134.1	2.629	34	5.98	9468	793.64
2/2/2005	10:00:32	755	52.72	29.869	120.5	2.629	34	5.97	9185	790.81
2/2/2005	10:01:02	785	52.7	29.868	130.1	2.655	35	5.97	8800	790.68
2/2/2005	10:01:32	815	52.94	29.868	122.3	2.655	35	5.95	8634	791.84
2/2/2005	10:02:02	845	53.04	29.868	118.7	2.655	35	5.95	8496	792.61

Operator Name:	Bret Hoekman
Company Name:	Clayton Group Services
Project Name:	Village of Hartford
Site Name:	15-03095.14.007
Well ID:	HMW-3

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	36 [ft]
Well Depth:	34.46 [ft]
Well Diam:	2 [in]
Screen Len:	60 [in]
Screen Depth:	29 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	24.11 [ft]
Pump Level (TOC):	32 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (160.7 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	277.68 [mL]
Actual Total Volume:	277.68 [mL]
Calculated Measurement Interval:	8331 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/31/2005	14:21:45
End date/time:	1/31/2005	14:31:54
Total Time:	0:10:09	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.37	0.01	-24.37	-2.14	228.29	-1.18	999.74	-0.2	523.88	-21.8	57.54	0.15	14:29:23
3	6.38	0.01	-26.17	-1.8	232.56	4.27	1000.69	0.95	485.23	-38.65	57.57	0.03	14:29:54
2	6.38	0	-27.54	-1.37	223.15	-9.41	1001.72	1.03	433.52	-51.71	57.58	0.01	14:30:24
1	6.38	0	-28.79	-1.24	219.02	-4.13	1001.15	-0.57	436.34	2.82	57.49	-0.09	14:30:55
0	6.38	0	-29.9	-1.11	213.45	-5.57	1000.84	-0.31	452.17	15.83	57.61	0.12	14:31:26

pH Min:	6.37
pH Max:	6.38
ORP Min:	-29.9
ORP Max:	-24.37
DO Min:	213.45
DO Max:	232.56
Cond Min:	999.74
Cond Max:	1001.72
Turb Min:	433.52
Turb Max:	523.88
Temp Min:	57.49

Temp Max: 57.61

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 14:55:44
Report from file: ...\Village of Hartford-15-03095.14.007-HMW-3-1-31-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/31/2005 14:21:45
Test started on: 1/31/2005 14:21:45
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 20

TOTAL DATA SAMPLES 20

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/31/2005	14:21:45	0	56.04	29.803	2091.3	2.707	43	6.33	1140	766.93
1/31/2005	14:22:15	30	56.15	29.802	1942	2.733	30	6.31	770	769.97
1/31/2005	14:22:45	60	56.41	29.802	1772.7	2.707	21	6.3	568	773.4
1/31/2005	14:23:16	91	56.49	29.802	1472.7	2.707	13	6.3	443	775.25
1/31/2005	14:23:46	121	56.59	29.801	1210.1	2.707	7	6.31	361	776.49
1/31/2005	14:24:17	152	56.55	29.8	870.5	2.733	1	6.33	304	777.98
1/31/2005	14:24:47	182	56.43	29.801	706.1	2.733	-3	6.34	262	779.72
1/31/2005	14:25:18	213	56.58	29.8	697.9	2.733	-7	6.35	241	779.35
1/31/2005	14:25:49	244	56.85	29.799	598.9	2.707	-10	6.36	225	783.87
1/31/2005	14:26:20	275	57.13	29.8	532.1	2.707	-12	6.36	218	785.01
1/31/2005	14:26:51	306	57.24	29.799	452	2.733	-15	6.37	217	787.17
1/31/2005	14:27:21	336	57.25	29.799	421.2	2.707	-16	6.36	222	788.83
1/31/2005	14:27:52	367	57.21	29.8	543	2.707	-18	6.37	226	788.95
1/31/2005	14:28:23	398	57.27	29.8	622.2	2.707	-20	6.37	230	790.24
1/31/2005	14:28:53	428	57.39	29.8	545.7	2.707	-22	6.37	229	791.91
1/31/2005	14:29:23	458	57.54	29.801	523.9	2.733	-24	6.37	228	793.33
1/31/2005	14:29:54	489	57.57	29.801	485.2	2.733	-26	6.38	233	794.37
1/31/2005	14:30:24	519	57.58	29.8	433.5	2.707	-28	6.38	223	795.27
1/31/2005	14:30:55	550	57.49	29.801	436.3	2.681	-29	6.38	219	793.84
1/31/2005	14:31:26	581	57.61	29.8	452.2	2.733	-30	6.38	213	794.88

Operator Name:	Bret Hoekman
Company Name:	Clayton Group Services
Project Name:	Village of Hartford
Site Name:	15-03095.14.007
Well ID:	HMW-4

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	27 [ft]
Well Depth:	25.58 [ft]
Well Diam:	2 [in]
Screen Len:	57 [in]
Screen Depth:	21.02 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	5.89 [ft]
Pump Level (TOC):	23 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (120.5 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	237.51 [mL]
Actual Total Volume:	237.51 [mL]
Calculated Measurement Interval:	7126 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/31/2005	16:12:41
End date/time:	1/31/2005	16:47:57
Total Time:	0:35:16	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.79	0	-67	-0.22	1481.11	-137.27	1008.21	-0.14	43.31	-1.83	46.9	-0.06	16:45:42
3	6.78	-0.01	-67.13	-0.13	1225.13	-255.98	1006.03	-2.18	41.27	-2.03	46.92	0.02	16:46:13
2	6.79	0	-67.39	-0.26	1370.93	145.8	1007.03	1	37.58	-3.7	46.94	0.02	16:46:43
1	6.79	0	-67.61	-0.22	83.98	-1286.95	1007.77	0.74	36.38	-1.2	46.96	0.02	16:47:15
0	6.78	-0.01	-67.73	-0.13	1606.1	1522.12	1005.21	-2.57	35.69	-0.69	46.95	-0.01	16:47:45

pH Min:	6.78
pH Max:	6.79
ORP Min:	-67.73
ORP Max:	-67
DO Min:	83.98
DO Max:	1606.1
Cond Min:	1005.21
Cond Max:	1008.21
Turb Min:	35.69
Turb Max:	43.31
Temp Min:	46.9

Temp Max: 46.96

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 14:57:40
Report from file: ...\Village of Hartford-15-03095.14.007-HMW-4-1-31-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/31/2005 16:12:41
Test started on: 1/31/2005 16:12:41
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 70

TOTAL DATA SAMPLES 70

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/31/2005	16:12:41	0	41.59	29.812	517.3	2.707	50	7.46	12320	1.47
1/31/2005	16:13:11	30	41.59	29.812	538.8	2.707	44	7.34	11679	1.47
1/31/2005	16:13:41	60	44.13	29.812	495.5	2.707	36	7.27	7847	670.15
1/31/2005	16:14:11	90	44.52	29.812	761.9	2.707	30	7.22	5438	670.43
1/31/2005	16:14:42	121	44.61	29.812	960.1	2.707	25	7.16	4130	676.12
1/31/2005	16:15:14	153	45.52	29.812	2003.4	2.707	21	7.12	2966	688.09
1/31/2005	16:15:44	183	46.35	29.812	109.3	2.707	18	7.06	2236	705.17
1/31/2005	16:16:15	214	48.32	29.813	20.7	2.681	11	7.01	1575	732.71
1/31/2005	16:16:45	244	50.12	29.812	6	2.681	1	6.95	1005	745.64
1/31/2005	16:17:15	274	51.42	29.813	0	2.707	-8	6.91	632	757.74
1/31/2005	16:17:46	305	51.52	29.813	17.8	2.707	-16	6.88	414	760.11
1/31/2005	16:18:17	336	51.47	29.812	2.3	2.681	-22	6.9	281	756.79
1/31/2005	16:18:47	366	51.02	29.812	-0.2	2.707	-28	6.89	206	753.39
1/31/2005	16:19:19	398	51.26	29.813	4.8	2.707	-31	6.88	155	755.61
1/31/2005	16:19:49	428	51.56	29.813	16.6	2.681	-35	6.87	114	759.27
1/31/2005	16:20:20	459	51.99	29.813	93	2.707	-38	6.86	86	759.27
1/31/2005	16:20:50	489	52.32	29.814	181.7	2.681	-40	6.84	-326	759.99
1/31/2005	16:21:20	519	52.64	29.814	385	2.681	-42	6.84	1128	760.34
1/31/2005	16:21:50	549	52.66	29.814	922.3	2.681	-45	6.84	62	761.18
1/31/2005	16:22:21	580	52.84	29.814	1221	2.707	-46	6.83	807	763.09
1/31/2005	16:22:51	610	53.16	29.815	1091.1	2.707	-48	6.83	1464	763.93
1/31/2005	16:23:22	641	53.36	29.815	922.7	2.681	-49	6.81	-180	763.45
1/31/2005	16:23:53	672	53.38	29.815	794.2	2.707	-50	6.81	61	764.05
1/31/2005	16:24:23	702	53.48	29.815	658.2	2.681	-52	6.81	1398	764.89
1/31/2005	16:24:54	733	53.19	29.815	523.5	2.707	-53	6.81	67	763.21
1/31/2005	16:25:24	763	53	29.815	447.8	2.681	-54	6.81	819	762.61
1/31/2005	16:25:54	793	52.77	29.815	448	2.707	-55	6.81	1145	761.18
1/31/2005	16:26:24	823	52.55	29.816	431.6	2.707	-56	6.81	-99	757.97
1/31/2005	16:26:54	853	52.45	29.816	414.6	2.707	-57	6.81	52	757.14
1/31/2005	16:27:23	882	52.3	29.816	404.6	2.681	-58	6.81	41	756.2
1/31/2005	16:27:53	912	52.17	29.816	383.9	2.707	-58	6.8	47	754.67
1/31/2005	16:28:23	942	51.98	29.816	377.9	2.681	-59	6.79	1096	752.57
1/31/2005	16:28:54	973	50.35	29.816	424	2.681	-59	6.84	1141	739.74
1/31/2005	16:29:24	1003	45.75	29.816	395.1	2.681	-59	6.85	1669	694.78
1/31/2005	16:29:55	1034	44.57	29.816	379.2	2.707	-60	6.85	1929	675.27
1/31/2005	16:30:26	1065	45.15	29.816	360.9	2.707	-60	6.84	-124	677.81
1/31/2005	16:30:57	1096	46.11	29.817	323.7	2.707	-60	6.83	122	686.82
1/31/2005	16:31:27	1126	46.79	29.817	286.6	2.707	-61	6.82	1367	690.82
1/31/2005	16:31:58	1157	47.05	29.816	303.3	2.707	-61	6.82	1845	693.49

1/31/2005	16:32:27	1186	47.27	29.816	271.3	2.681	-61	6.82	1290	693.98
1/31/2005	16:32:58	1217	47.25	29.817	224.4	2.707	-61	6.81	1322	694.87
1/31/2005	16:33:28	1247	47.16	29.817	188.6	2.707	-62	6.81	1497	696.17
1/31/2005	16:33:59	1278	47.09	29.817	190.1	2.681	-62	6.81	460	694.97
1/31/2005	16:34:29	1308	47.12	29.816	160.9	2.707	-62	6.81	1587	695.37
1/31/2005	16:35:01	1340	47.21	29.817	151.1	2.681	-63	6.81	1577	694.77
1/31/2005	16:35:32	1371	47.26	29.817	121	2.681	-63	6.8	211	694.47
1/31/2005	16:36:02	1401	47.25	29.818	113.9	2.681	-63	6.81	123	693.98
1/31/2005	16:36:32	1431	47.26	29.818	101.2	2.681	-63	6.8	1511	694.67
1/31/2005	16:37:02	1461	47.27	29.818	98.5	2.681	-63	6.8	-79	693.88
1/31/2005	16:37:33	1492	47.29	29.819	94.5	2.681	-64	6.8	1484	692.49
1/31/2005	16:38:03	1522	47.07	29.819	80.8	2.707	-64	6.8	1602	692.49
1/31/2005	16:38:34	1553	47.18	29.819	88.7	2.707	-64	6.8	21	691.41
1/31/2005	16:39:06	1585	46.72	29.819	90.6	2.707	-64	6.8	1471	689.05
1/31/2005	16:39:36	1615	46.43	29.82	77.9	2.681	-65	6.8	1374	685.36
1/31/2005	16:40:07	1646	46.34	29.82	72.8	2.707	-65	6.8	1306	684.78
1/31/2005	16:40:37	1676	46.39	29.821	68	2.681	-65	6.8	1550	685.84
1/31/2005	16:41:07	1706	46.56	29.821	65.1	2.681	-65	6.8	150	685.55
1/31/2005	16:41:38	1737	46.73	29.821	63	2.681	-65	6.8	111	686.04
1/31/2005	16:42:08	1767	46.89	29.821	58.7	2.681	-66	6.79	308	686.42
1/31/2005	16:42:39	1798	47.04	29.821	55	2.681	-66	6.79	1183	687.88
1/31/2005	16:43:10	1829	47.12	29.82	48.5	2.707	-66	6.79	52	688.66
1/31/2005	16:43:41	1860	47.13	29.821	46.2	2.707	-66	6.79	1617	688.86
1/31/2005	16:44:11	1890	47.06	29.82	47	2.681	-66	6.79	110	689.34
1/31/2005	16:44:42	1921	47.02	29.82	41.4	2.681	-67	6.79	1463	688.46
1/31/2005	16:45:11	1950	46.97	29.821	45.1	2.707	-67	6.79	1618	687
1/31/2005	16:45:42	1981	46.9	29.82	43.3	2.707	-67	6.79	1481	686.23
1/31/2005	16:46:13	2012	46.92	29.82	41.3	2.681	-67	6.78	1225	684.97
1/31/2005	16:46:43	2042	46.94	29.82	37.6	2.681	-67	6.79	1371	685.84
1/31/2005	16:47:15	2074	46.96	29.821	36.4	2.681	-68	6.79	84	686.52
1/31/2005	16:47:45	2104	46.95	29.82	35.7	2.681	-68	6.78	1606	684.68

Operator Name:	Bret Hoekman
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Premcor-Hartford Work Group
Site Name:	15-03095.12-002
Well ID:	HMW-25

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[ug/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm @25C]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.25	[in]
Tubing Length:	38	[ft]
Well Depth:	38.71	[ft]
Well Diam:	2	[in]
Screen Len:	180	[in]
Screen Depth:	23.5	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	24.64	[ft]
Pump Level (TOC):	31.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (366.8 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	483.81	[mL]
Actual Total Volume:	483.81	[mL]
Calculated Measurement Interval:	146	[sec]
Actual Measurement Interval:	30	[sec]
Start date/time:	1/21/2005	9:28:43
End date/time:	1/21/2005	9:39:45
Total Time:	0:11:02	

Reading #	pH	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.69	0	51.1	-1.62	564.38	-37.24	1099.35	-1.12	42.81	-1.77	54.54	0.35	9:37:20
3	6.69	0	49.26	-1.84	535.21	-29.17	1100	0.65	45.8	2.99	54.44	-0.11	9:37:50
2	6.69	0	47.17	-2.09	512.08	-23.13	1097.13	-2.87	41.76	-4.03	54.92	0.49	9:38:20
1	6.69	0	45.46	-1.71	507.9	-4.17	1098.3	1.17	41.96	0.2	55.2	0.28	9:38:51
0	6.7	0	43.83	-1.62	512.87	4.97	1104.21	5.91	42.95	0.98	54.9	-0.31	9:39:20

pH Min:	6.69
pH Max:	6.7
ORP Min:	43.83
ORP Max:	51.1
DO Min:	507.9
DO Max:	564.38
Cond Min:	1097.13
Cond Max:	1104.21
Turb Min:	41.76
Turb Max:	45.8
Temp Min:	54.44
Temp Max:	55.2

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	3/7/2005 15:34:57
Report from file:	...\Premcor-Hartford Work Group-15-03095.12-002-HMW-25-1-21-2005.flo.bin
Win-Situ Version	4.51
Serial number:	31880
Firmware Version	1.46
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	1/21/2005 9:28:43
Test started on:	1/21/2005 9:28:43
Test stopped on:	N/A N/A

Data gathered using Event testing

Time between data points:	0.0 Seconds.	
Time between default storages:	0.0 Seconds.	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	22	
TOTAL DATA SAMPLES	22	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Chan[1] Temperature	Chan[3] Barometric	Chan[4] Turbidity	Chan[5] Battery	Chan[11] ORP	Chan[12] pH	Chan[25] Clark DO	Chan[45] Conductivity

Date	Time	ET (sec)	Fahrenheit	Inches Hg	NTU	Volts	millivolts	pH	ug/L	mS/cm
1/21/2005	9:28:43	0	45.73	29.644	54.3	2.655	208	7.12	10440	470.03
1/21/2005	9:29:12	29	50.9	29.644	64.9	2.681	137	6.67	8283	720.04
1/21/2005	9:29:42	59	52.58	29.644	77.4	2.707	108	6.64	6112	786.83
1/21/2005	9:30:14	91	53.46	29.644	74.2	2.707	95	6.65	4162	817.79
1/21/2005	9:30:44	121	54.11	29.644	65.9	2.681	86	6.67	2884	831.64
1/21/2005	9:31:15	152	54.04	29.642	64.2	2.681	80	6.67	2160	834.5
1/21/2005	9:31:45	182	53.85	29.644	55.2	2.707	76	6.68	1697	831.04
1/21/2005	9:32:15	212	53.9	29.645	57.9	2.681	73	6.68	1425	829.99
1/21/2005	9:32:46	243	53.87	29.644	50.5	2.681	70	6.68	1241	829.84
1/21/2005	9:33:16	273	53.47	29.644	56.8	2.681	67	6.68	1107	827.32
1/21/2005	9:33:47	304	54.03	29.644	49.1	2.681	65	6.68	972	831.04
1/21/2005	9:34:16	333	54.18	29.643	50.6	2.707	62	6.69	863	833.74
1/21/2005	9:34:46	363	54.25	29.642	50.8	2.681	60	6.69	788	834.35
1/21/2005	9:35:18	395	54.44	29.644	49.5	2.707	58	6.69	716	836.47
1/21/2005	9:35:48	425	54.23	29.643	48.5	2.681	56	6.69	658	835.26
1/21/2005	9:36:19	456	54.06	29.644	41.7	2.681	54	6.69	625	833.15
1/21/2005	9:36:49	486	54.2	29.645	44.6	2.681	53	6.69	602	834.2
1/21/2005	9:37:20	517	54.54	29.645	42.8	2.681	51	6.69	564	837.38
1/21/2005	9:37:50	547	54.44	29.648	45.8	2.681	49	6.69	535	836.63
1/21/2005	9:38:20	577	54.93	29.648	41.8	2.707	47	6.69	512	840.13
1/21/2005	9:38:51	608	55.2	29.649	42	2.681	45	6.69	508	844.28
1/21/2005	9:39:20	637	54.9	29.65	42.9	2.681	44	6.7	513	845.22

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP
Project Name:	HARTFORD WORKING GROUP
Site Name:	HARTFORD
Well ID:	HMW-25

pH Sensor:	Installed	Target Value	0	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	0	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	0	[ug/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	0	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	0	[NTU]	Target Percent	0	[%]

Pump Model/Type:	MICRO-PURGE	
Tubing Type:	POLY	
Tubing Diam:	0.17	[in]
Tubing Length:	40.87	[ft]
Well Depth:	38.87	[ft]
Well Diam:	2	[in]
Screen Len:	180	[in]
Screen Depth:	23.7	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	25.66	[ft]
Pump Level (TOC):	31	[ft]
Final Pumping Rate:	0	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume is user calculated.	
Calculated Total Volume:	299.42	[mL]
Actual Total Volume:	30	[mL]
Calculated Measurement Interval:	900	[sec]
Actual Measurement Interval:	900	[sec]
Start date/time:	2/3/2005	17:38:35
End date/time:	2/3/2005	17:49:16
Total Time:	0:10:41	

Reading #	pH	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.36	0	35.3	0.09	1923.32	42.12	1010.07	0.78	24.73	-1.34	14.51	0.01	17:45:57
3	6.37	0	35.51	0.21	1758.65	-164.67	1009.67	-0.4	27.46	2.72	14.53	0.02	17:46:33
2	6.37	0	35.81	0.3	1803.31	44.66	1009.66	-0.01	24.47	-2.99	14.51	-0.02	17:47:07
1	6.37	0	36.02	0.21	1777.33	-25.98	1006.52	-3.15	25.11	0.64	14.49	-0.02	17:47:40
0	6.38	0	36.45	0.43	1657.78	-119.56	1008.08	1.56	24.19	-0.92	14.49	0	17:48:30

pH Min:	6.36
pH Max:	6.38
ORP Min:	35.3
ORP Max:	36.45
DO Min:	1657.78
DO Max:	1923.32
Cond Min:	1006.52
Cond Max:	1010.07
Turb Min:	24.19
Turb Max:	27.46
Temp Min:	14.49
Temp Max:	14.53

Notes:

Device Record:		
In-Situ Inc.	Troll 9000 Pro XP	
Report generated:	3/7/2005	15:24:33
Report from file:	...\HARTFORD WORKING GROUP-HARTFORD-HMW-25-2-3-2005.flo.bin	
Win-Situ Version	4.51	
Serial number:	31923	
Firmware Version	1.46	
Unit name:	MP Troll 9000	
Test name:	LowFlow	
Test defined on:	2/3/2005	17:38:35
Test started on:	2/3/2005	17:38:35
Test stopped on:	N/A	N/A
Data gathered using Event testing		
Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	15	
TOTAL DATA SAMPLES	15	
Channel number [1]		
Measurement type:	Temperature	
Channel name:		
Channel number [2]		
Measurement type:	Pressure	
Channel name:	Pressure	
Sensor Range:	30 PSIG.	
Specific gravity:	1	
Mode:	TOC	
User-defined reference:	0	Feet H2O
Referenced on:	test start	
Pressure head at reference:	0.351	Feet H2O
Channel number [3]		
Measurement type:	Barometric Pressure	
Channel name:		
Channel number [4]		
Measurement type:	Turbidity	
Channel name:		
Channel number [5]		
Measurement type:	Battery Voltage	
Channel name:		
Channel number [11]		
Measurement type:	ORP	
Channel name:		
Channel number [12]		
Measurement type:	pH	
Channel name:		

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity
Channel name:

Date	Time	ET (sec)	Chan[1] Temp Fahrenheit	Chan[2] Pressure Feet H2O	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
2/3/2005	17:38:35	0	52.47	0	29.891	27.1	2.785	60	5.96	8378	940.27
2/3/2005	17:39:53	78	56.47	-0.006	29.89	40.7	2.759	44	6.22	3531	999.22
2/3/2005	17:40:45	130	56.99	-0.023	29.891	39.5	2.759	40	6.28	2782	995.95
2/3/2005	17:41:25	170	57.72	-0.01	29.891	35.4	2.785	38	6.31	2480	997.86
2/3/2005	17:41:56	201	57.87	-0.01	29.891	42.7	2.759	37	6.32	2205	1002.29
2/3/2005	17:42:54	259	57.96	-0.01	29.892	38.3	2.759	36	6.34	1991	1005.2
2/3/2005	17:43:31	296	57.91	-0.002	29.892	34.3	2.759	35	6.35	2041	1011.87
2/3/2005	17:44:03	328	58.01	-0.001	29.893	28.1	2.759	35	6.35	1883	1009.5
2/3/2005	17:44:33	358	58.03	0.033	29.893	27.9	2.759	35	6.36	1926	1008.31
2/3/2005	17:45:24	409	58.1	0.059	29.893	26.1	2.759	35	6.36	1881	1009.29
2/3/2005	17:45:57	442	58.11	0.056	29.893	24.7	2.759	35	6.36	1923	1010.07
2/3/2005	17:46:33	478	58.15	-0.019	29.893	27.5	2.759	36	6.37	1759	1009.67
2/3/2005	17:47:07	512	58.12	-0.019	29.894	24.5	2.759	36	6.37	1803	1009.66
2/3/2005	17:47:40	545	58.08	-0.017	29.893	25.1	2.759	36	6.37	1777	1006.52
2/3/2005	17:48:30	595	58.08	0.005	29.894	24.2	2.759	36	6.38	1658	1008.08

Operator Name:	NORMAN BOLIVAR
Company Name:	CLAYTON GROUP
Project Name:	HARTFORT WORKING GROUPS
Site Name:	15-03095.15-004
Well ID:	HMW-25_

pH Sensor:	Installed	Target Value	0	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	0	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	0	[ug/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	0	[uS/cm]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	0	[NTU]	Target Percent	0	[%]

Pump Model/Type:	MICRO-PURGE	
Tubing Type:	POLY	
Tubing Diam:	0.17	[in]
Tubing Length:	38.89	[ft]
Well Depth:	38.89	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	23.7	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	24.79	[ft]
Pump Level (TOC):	31.39	[ft]
Final Pumping Rate:	0	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (173.6 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	290.58	[mL]
Actual Total Volume:	290.58	[mL]
Calculated Measurement Interval:	8718	[sec]
Actual Measurement Interval:	8718	[sec]
Start date/time:	3/2/2005	10:07:25
End date/time:	3/2/2005	10:16:21
Total Time:	0:08:56	

Reading #	pH	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.52	0	84.87	-1.02	1084.59	-92.88	1014.37	1.7	14.79	0.36	13.53	0.01	10:12:56
3	6.52	0	84.02	-0.85	1030.27	-54.31	1014.37	0	14.49	-0.3	13.55	0.02	10:13:32
2	6.51	0	83.34	-0.68	980.88	-49.39	1015.01	0.64	16.15	1.65	13.56	0.02	10:14:11
1	6.52	0	82.44	-0.89	929.1	-51.78	1016.5	1.49	14.09	-2.05	13.63	0.07	10:14:50
0	6.52	0.01	81.55	-0.89	895.03	-34.07	1016.07	-0.42	15.35	1.25	13.64	0.01	10:15:29

pH Min:	6.51
pH Max:	6.52
ORP Min:	81.55
ORP Max:	84.87
DO Min:	895.03
DO Max:	1084.59
Cond Min:	1014.37
Cond Max:	1016.5
Turb Min:	14.09
Turb Max:	16.15
Temp Min:	13.53
Temp Max:	13.64

Notes:

Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	3/28/2005	13:29:58
Report from file:	...\HARTFORT WORKING GROUPS -15-03095.15-004-HMW-25_-3-2-2005.flo.bin	
Win-Situ Version	4.51	
Serial number:	31949	
Firmware Version	1.46	
Unit name:	MP Troll 9000	
Test name:	LowFlow	
Test defined on:	3/2/2005	10:07:25
Test started on:	3/2/2005	10:07:25
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	9	
TOTAL DATA SAMPLES	9	

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm

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3/2/2005	10:07:25	0	50.46	29.705	18.1	2.707	94	6.91	7865	962.64
3/2/2005	10:10:07	162	55.49	29.705	15.9	2.681	90	6.57	1738	1005.74
3/2/2005	10:11:21	236	56.17	29.705	16.5	2.681	87	6.54	1326	1013.72
3/2/2005	10:12:13	288	56.35	29.705	14.4	2.681	86	6.52	1177	1012.67
3/2/2005	10:12:56	331	56.36	29.705	14.8	2.681	85	6.52	1085	1014.37
3/2/2005	10:13:32	367	56.39	29.705	14.5	2.681	84	6.52	1030	1014.37
3/2/2005	10:14:11	406	56.42	29.705	16.1	2.707	83	6.51	981	1015.01
3/2/2005	10:14:50	445	56.53	29.705	14.1	2.655	82	6.52	929	1016.5
3/2/2005	10:15:29	484	56.55	29.705	15.3	2.681	82	6.52	895	1016.08

Operator Name:	Bret Hoekman
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-26

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[ug/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm @25C]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.25	[in]
Tubing Length:	39	[ft]
Well Depth:	40	[ft]
Well Diam:	2	[in]
Screen Len:	180	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	22.91	[ft]
Pump Level (TOC):	32.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (376.5 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	493.46	[mL]
Actual Total Volume:	493.46	[mL]
Calculated Measurement Interval:	149	[sec]
Actual Measurement Interval:	30	[sec]
Start date/time:	1/21/2005	11:23:52
End date/time:	1/21/2005	11:35:53
Total Time:	0:12:01	

Reading #	pH	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.6	0	-81.7	-1.49	280.61	-5.41	1829.87	-2.62	10.91	0.68	57.85	0.13	11:33:29
3	6.6	0	-82.68	-0.98	276.42	-4.19	1826.57	-3.3	15.32	4.41	57.85	-0.01	11:33:59
2	6.6	0	-84.09	-1.41	278.48	2.06	1825.01	-1.56	11.99	-3.33	57.65	-0.19	11:34:29
1	6.6	0	-85.62	-1.54	282.13	3.66	1828.42	3.41	10.13	-1.85	57.82	0.17	11:34:59
0	6.6	0	-86.77	-1.15	284.23	2.1	1826.43	-1.99	10.87	0.74	57.62	-0.2	11:35:29

pH Min:	6.6
pH Max:	6.6
ORP Min:	-86.77
ORP Max:	-81.7
DO Min:	276.42
DO Max:	284.23
Cond Min:	1825.01
Cond Max:	1829.87
Turb Min:	10.13
Turb Max:	15.32
Temp Min:	57.62
Temp Max:	57.85

Notes:

Device Record:	
In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	3/7/2005 15:37:07
Report from file:	...\Hartford Working Group-15-03095.15.003-HMW-26-1-21-2005.flo.bin
Win-Situ Version	4.51
Serial number:	31880
Firmware Version	1.46
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	1/21/2005 11:23:52
Test started on:	1/21/2005 11:23:52
Test stopped on:	N/A N/A

Data gathered using Event testing

Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	24
TOTAL DATA SAMPLES	24

Channel number [1]

Measurement type:	Temperature
Channel name:	

Channel number [3]

Measurement type:	Barometric Pressure
Channel name:	

Channel number [4]

Measurement type:	Turbidity
Channel name:	

Channel number [5]

Measurement type:	Battery Voltage
Channel name:	

Channel number [11]

Measurement type:	ORP
Channel name:	

Channel number [12]

Measurement type:	pH
Channel name:	

Channel number [25]

Measurement type:	Dissolved Oxygen
Channel name:	

Channel number [45]

Measurement type:	Conductivity, Low Range
Channel name:	

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
1/21/2005	11:23:52	0	45.47	29.647	70.9	2.681	-52	6.76	10468	984.36
1/21/2005	11:24:21	29	50.93	29.647	50.6	2.707	-43	6.64	6761	1226.6
1/21/2005	11:24:51	59	53.81	29.647	37.2	2.681	-47	6.63	3769	1340.6
1/21/2005	11:25:22	90	55.05	29.647	33.3	2.707	-51	6.63	2156	1391.95
1/21/2005	11:25:52	120	55.77	29.648	31.5	2.655	-54	6.62	1391	1410.24
1/21/2005	11:26:22	150	56.3	29.648	26.1	2.681	-57	6.62	1021	1414.13
1/21/2005	11:26:53	181	56.65	29.648	21.7	2.707	-59	6.62	801	1418.49
1/21/2005	11:27:23	211	56.53	29.648	27.9	2.655	-61	6.61	619	1420.68
1/21/2005	11:27:54	242	56.97	29.647	22.4	2.655	-63	6.61	529	1427.28
1/21/2005	11:28:25	273	56.99	29.648	21.5	2.681	-65	6.61	457	1430.84
1/21/2005	11:28:56	304	57.14	29.648	25.5	2.655	-67	6.61	384	1435.74
1/21/2005	11:29:25	333	57.29	29.649	19.7	2.681	-69	6.61	354	1440.69
1/21/2005	11:29:56	364	57.7	29.649	19.4	2.681	-71	6.6	331	1451.58
1/21/2005	11:30:26	394	57.49	29.648	18.9	2.681	-73	6.61	291	1448.86
1/21/2005	11:30:56	424	57.4	29.649	10	2.707	-74	6.6	301	1445.25
1/21/2005	11:31:26	454	57.72	29.649	13.3	2.655	-75	6.6	304	1453.91
1/21/2005	11:31:57	485	57.92	29.648	10.9	2.681	-77	6.6	297	1461.29
1/21/2005	11:32:27	515	57.94	29.648	12.1	2.707	-79	6.6	274	1459.92
1/21/2005	11:32:57	545	57.72	29.648	10.2	2.681	-80	6.6	286	1457.64
1/21/2005	11:33:29	577	57.85	29.647	10.9	2.707	-82	6.6	281	1458.12
1/21/2005	11:33:59	607	57.85	29.646	15.3	2.681	-83	6.6	276	1455.38
1/21/2005	11:34:29	637	57.65	29.645	12	2.707	-84	6.6	278	1450.37
1/21/2005	11:34:59	667	57.82	29.644	10.1	2.707	-86	6.6	282	1456.34
1/21/2005	11:35:29	697	57.62	29.643	10.9	2.707	-87	6.6	284	1450.86

Operator Name:	Bret Hoekman
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-27

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[ug/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm @25C]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.25	[in]
Tubing Length:	39	[ft]
Well Depth:	40	[ft]
Well Diam:	2	[in]
Screen Len:	180	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	28.29	[ft]
Pump Level (TOC):	32.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (376.5 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	493.46	[mL]
Actual Total Volume:	493.46	[mL]
Calculated Measurement Interval:	149	[sec]
Actual Measurement Interval:	30	[sec]
Start date/time:	1/21/2005	13:27:15
End date/time:	1/21/2005	13:36:09
Total Time:	0:08:54	

Reading #	pH	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.59	0	-23.1	-0.47	7092.4	-147	1390.96	-1.97	16.87	0.09	58.37	0.27	13:33:50
3	6.59	0	-23.31	-0.21	7038.17	-54.23	1393.09	2.14	18.52	1.65	58.23	-0.13	13:34:21
2	6.59	0	-23.57	-0.26	6950.11	-88.05	1392.81	-0.28	19.37	0.85	58.21	-0.02	13:34:51
1	6.59	0	-23.74	-0.17	6800.14	-149.97	1390.89	-1.93	20.64	1.27	58.55	0.34	13:35:21
0	6.58	0	-23.74	0	6757.55	-42.59	1394.16	3.28	21.51	0.87	58.45	-0.1	13:35:53

pH Min:	6.58
pH Max:	6.59
ORP Min:	-23.74
ORP Max:	-23.1
DO Min:	6757.55
DO Max:	7092.4
Cond Min:	1390.89
Cond Max:	1394.16
Turb Min:	16.87
Turb Max:	21.51
Temp Min:	58.21
Temp Max:	58.55

Notes:		
Device Record:		
In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	3/7/2005	15:37:41
Report from file:	...\Hartford Working Group-15-03095.15.003-HMW-27-1-21-2005.flo.bin	
Win-Situ Version	4.51	
Serial number:	31880	
Firmware Version	1.46	
Unit name:	MP Troll 9000	
Test name:	LowFlow	
Test defined on:	1/21/2005	13:27:15
Test started on:	1/21/2005	13:27:15
Test stopped on:	N/A	N/A
Data gathered using Event testing		
Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	18	
TOTAL DATA SAMPLES	18	
Channel number [1]		
Measurement type:	*Temperature*	
Channel name:		
Channel number [3]		
Measurement type:	Barometric Pressure	
Channel name:		
Channel number [4]		
Measurement type:	Turbidity	
Channel name:		
Channel number [5]		
Measurement type:	Battery Voltage	
Channel name:		
Channel number [11]		
Measurement type:	ORP	
Channel name:		
Channel number [12]		
Measurement type:	pH	
Channel name:		
Channel number [25]		
Measurement type:	Dissolved Oxygen	
Channel name:		
Channel number [45]		
Measurement type:	Conductivity, Low Range	
Channel name:		

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
1/21/2005	13:27:15	0	52.74	29.576	22.4	2.681	-1	6.7	9485	956.22
1/21/2005	13:27:45	30	54.72	29.579	18.2	2.681	-5	6.65	9055	1054.77
1/21/2005	13:28:15	60	55.56	29.577	10.7	2.707	-9	6.63	8830	1073.4
1/21/2005	13:28:46	91	55.9	29.576	13	2.681	-12	6.62	8674	1078.41
1/21/2005	13:29:16	121	56.58	29.578	9	2.707	-14	6.61	8380	1088.07
1/21/2005	13:29:47	152	57.02	29.577	10.3	2.681	-16	6.61	8168	1093.48
1/21/2005	13:30:17	182	57.53	29.576	10.3	2.707	-17	6.6	7948	1103.94
1/21/2005	13:30:49	214	57.65	29.577	10.3	2.681	-18	6.59	7834	1106.58
1/21/2005	13:31:19	244	57.94	29.576	12.1	2.707	-19	6.59	7676	1108.18
1/21/2005	13:31:49	274	58.07	29.575	11.3	2.707	-20	6.59	7549	1112.18
1/21/2005	13:32:19	304	58.22	29.574	14	2.681	-21	6.59	7416	1117.3
1/21/2005	13:32:50	335	58.01	29.575	16.7	2.655	-22	6.59	7361	1115.41
1/21/2005	13:33:20	365	58.1	29.574	16.8	2.707	-23	6.59	7239	1113.52
1/21/2005	13:33:50	395	58.37	29.576	16.9	2.707	-23	6.59	7092	1115.95
1/21/2005	13:34:21	426	58.23	29.577	18.5	2.681	-23	6.59	7038	1115.68
1/21/2005	13:34:51	456	58.21	29.578	19.4	2.707	-24	6.59	6950	1115.14
1/21/2005	13:35:21	486	58.55	29.578	20.6	2.707	-24	6.59	6800	1118.66
1/21/2005	13:35:53	518	58.45	29.579	21.5	2.707	-24	6.58	6758	1119.75

Operator Name:	Bret Hoekman
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-28

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[ug/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm @25C]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.25	[in]
Tubing Length:	39	[ft]
Well Depth:	40	[ft]
Well Diam:	2	[in]
Screen Len:	160	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	27.17	[ft]
Pump Level (TOC):	32.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (376.5 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	493.46	[mL]
Actual Total Volume:	493.46	[mL]
Calculated Measurement Interval:	149	[sec]
Actual Measurement Interval:	30	[sec]
Start date/time:	1/21/2005	14:22:08
End date/time:	1/21/2005	14:31:18
Total Time:	0:09:10	

Reading #	pH	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.66	0	3.76	-0.98	194.92	5.58	1121.91	0.46	2.33	-0.37	57.16	-0.12	14:29:14
3	6.66	0	2.95	-0.81	203.94	9.02	1122.23	0.32	3.14	0.8	57.26	0.11	14:29:44
2	6.66	0	2.1	-0.85	207.54	3.6	1121.11	-1.13	2.28	-0.86	57.47	0.2	14:30:15
1	6.66	0	1.29	-0.81	213.73	6.19	1124.02	2.91	2.52	0.24	57.26	-0.21	14:30:46
0	6.66	0	0.39	-0.9	217.83	4.1	1122.69	-1.33	2.1	-0.42	57.38	0.12	14:31:16

pH Min:	6.66
pH Max:	6.66
ORP Min:	0.39
ORP Max:	3.76
DO Min:	194.92
DO Max:	217.83
Cond Min:	1121.11
Cond Max:	1124.02
Turb Min:	2.1
Turb Max:	3.14
Temp Min:	57.16
Temp Max:	57.47

Notes:
Device Record:

In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	3/7/2005	15:38:25
Report from file:	...\Hartford Working Group-15-03095.15.003-HMW-28-1-21-2005.flo.bin	
Win-Situ Version	4.51	
Serial number:	31880	
Firmware Version	1.46	
Unit name:	MP Troll 9000	
Test name:	LowFlow	
Test defined on:	1/21/2005	14:22:08
Test started on:	1/21/2005	14:22:08
Test stopped on:	N/A	N/A

Data gathered using Event testing

Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	19
TOTAL DATA SAMPLES	19

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
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1/21/2005	14:22:08	0	50.29	29.538	11.7	2.707	14	6.78	7282	784.48
1/21/2005	14:22:38	30	53.1	29.537	7.5	2.681	17	6.72	3801	839.87
1/21/2005	14:23:08	60	54.53	29.537	8.3	2.681	16	6.71	2059	855.28
1/21/2005	14:23:39	91	55.52	29.537	6.7	2.681	16	6.7	1208	864.74
1/21/2005	14:24:09	121	55.81	29.536	6.3	2.707	15	6.69	784	870.61
1/21/2005	14:24:40	152	56.34	29.536	7	2.707	13	6.68	551	876.73
1/21/2005	14:25:10	182	56.89	29.537	3.6	2.707	12	6.68	407	881.43
1/21/2005	14:25:42	214	56.85	29.535	4.2	2.707	11	6.68	321	882.27
1/21/2005	14:26:12	244	56.74	29.535	4	2.707	10	6.67	259	880.43
1/21/2005	14:26:42	274	56.96	29.535	4.3	2.707	9	6.67	229	882.79
1/21/2005	14:27:12	304	56.95	29.535	3.2	2.707	8	6.67	215	883.98
1/21/2005	14:27:43	335	57.06	29.535	6.6	2.655	7	6.67	205	884.49
1/21/2005	14:28:13	365	57.17	29.534	2.6	2.707	6	6.67	195	884.83
1/21/2005	14:28:43	395	57.27	29.534	2.7	2.681	5	6.67	189	886.7
1/21/2005	14:29:14	426	57.16	29.534	2.3	2.707	4	6.66	195	885.68
1/21/2005	14:29:44	456	57.26	29.533	3.1	2.707	3	6.66	204	887.22
1/21/2005	14:30:15	487	57.47	29.533	2.3	2.707	2	6.66	208	888.76
1/21/2005	14:30:46	518	57.26	29.532	2.5	2.681	1	6.66	214	888.59
1/21/2005	14:31:16	548	57.38	29.532	2.1	2.707	0	6.66	218	888.93

Operator Name:	Bret Hoekman
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15:003
Well ID:	HMW-29

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Percent	0	[%]
DO Sensor:	Installed	Target Value	1	[ug/L]	Target Percent	0	[%]
Cond Sensor:	Installed	Target Value	200	[uS/cm @25C]	Target Percent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Percent	0	[%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.25	[in]
Tubing Length:	39	[ft]
Well Depth:	40	[ft]
Well Diam:	2	[in]
Screen Len:	160	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	27.15	[ft]
Pump Level (TOC):	32.5	[ft]
Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (376.5 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	493.46	[mL]
Actual Total Volume:	493.46	[mL]
Calculated Measurement Interval:	149	[sec]
Actual Measurement Interval:	30	[sec]
Start date/time:	1/21/2005	16:59:55
End date/time:	1/21/2005	17:09:03
Total Time:	0:09:08	

Reading #	pH	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.5	-0.02	-17.03	-0.42	132.93	-4.59	1036.48	0.44	280.17	-9.36	57.98	0.08	17:07:00
3	6.48	-0.01	-16.94	0.09	118.88	-14.05	1036.77	0.29	277.78	-2.39	58.09	0.11	17:07:32
2	6.5	0:02	-18.94	-2.01	128.17	9.29	1037.69	0.92	262.89	-14.88	58.19	0.1	17:08:02
1	6.5	0	-20.01	-1.07	132.2	4.04	1038.88	1.19	256.07	-6.83	58.43	0.24	17:08:32
0	6.48	-0.02	-20.26	-0.25	133.42	1.22	1042.17	3.28	237.52	-18.54	58.22	-0.21	17:09:03

pH Min:	6.48
pH Max:	6.5
ORP Min:	-20.26
ORP Max:	-16.94
DO Min:	118.88
DO Max:	133.42
Cond Min:	1036.48
Cond Max:	1042.17
Turb Min:	237.52
Turb Max:	280.17
Temp Min:	57.98
Temp Max:	58.43

Notes:		
Device Record:		
In-Situ Inc.	Troll 9000 Profiler XP	
Report generated:	3/7/2005	15:28:32
Report from file:	...\Hartford Working Group-15-03095.15.003-HMW-29-1-21-2005.flo.bin	
Win-Situ Version	4.51	
Serial number:	31880	
Firmware Version	1.46	
Unit name:	MP Troll 9000	
Test name:	LowFlow	
Test defined on:	1/21/2005	16:59:55
Test started on:	1/21/2005	16:59:55
Test stopped on:	N/A	N/A
Data gathered using Event testing		
Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	19	
TOTAL DATA SAMPLES	19	
Channel number [1]		
Measurement type:	Temperature	
Channel name:		
Channel number [3]		
Measurement type:	Barometric Pressure	
Channel name:		
Channel number [4]		
Measurement type:	Turbidity	
Channel name:		
Channel number [5]		
Measurement type:	Battery Voltage	
Channel name:		
Channel number [11]		
Measurement type:	ORP	
Channel name:		
Channel number [12]		
Measurement type:	pH	
Channel name:		
Channel number [25]		
Measurement type:	Dissolved Oxygen	
Channel name:		
Channel number [45]		
Measurement type:	Conductivity, Low Range	
Channel name:		

Date	Time	ET (sec)	Chan[1] Temp F	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
---	---	---	---	---	---	---	---	---	---	---
1/21/2005	16:59:55	0	49.62	29.468	470.2	2.655	-16	6.87	8894	715.62
1/21/2005	17:00:24	29	53.19	29.468	467.8	2.681	-14	6.8	5006	763.33
1/21/2005	17:00:54	59	54.83	29.468	485.4	2.655	-15	6.76	2647	778.13
1/21/2005	17:01:25	90	55.72	29.47	476.3	2.707	-14	6.7	1497	791.48
1/21/2005	17:01:55	120	56.25	29.471	486.6	2.655	-13	6.66	967	798.74
1/21/2005	17:02:26	151	56.72	29.472	445.3	2.707	-13	6.62	711	802.64
1/21/2005	17:02:57	182	57.31	29.472	445.7	2.681	-13	6.6	561	808.69
1/21/2005	17:03:28	213	57.38	29.472	393.2	2.655	-12	6.57	446	814.11
1/21/2005	17:03:58	243	57.45	29.472	390.8	2.655	-12	6.54	351	814.84
1/21/2005	17:04:29	274	57.65	29.472	334.4	2.655	-14	6.56	274	820.49
1/21/2005	17:04:59	304	57.81	29.473	309.1	2.655	-15	6.55	202	822.11
1/21/2005	17:05:29	334	57.84	29.473	322.1	2.707	-16	6.54	156	822.26
1/21/2005	17:05:59	364	58.01	29.474	323.1	2.707	-15	6.51	137	827.28
1/21/2005	17:06:30	395	57.9	29.474	289.5	2.655	-17	6.52	138	826.1
1/21/2005	17:07:00	425	57.98	29.476	280.2	2.655	-17	6.5	133	827.29
1/21/2005	17:07:32	457	58.09	29.478	277.8	2.707	-17	6.48	119	828.78
1/21/2005	17:08:02	487	58.19	29.481	262.9	2.681	-19	6.5	128	830.58
1/21/2005	17:08:32	517	58.43	29.484	256.1	2.655	-20	6.5	132	834.19
1/21/2005	17:09:03	548	58.22	29.49	237.5	2.655	-20	6.48	133	834.5

Operator Name:	Darren Lamsma
Company Name:	CLAYTON GROUP SERVICES
Project Name:	15-03095.14.007
Site Name:	Hartford Working Group
Well ID:	HMW-29

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Percent	0	[%]
ORP Sensor:	Installed	Target Value	10	[mV]	Target Pecent	0	[%]
DO Sensor:	Installed	Target Value	200	[mg/L]	Target Pecent	0	[%]
Cond Sensor:	Installed	Target Value	10	[uS/cm]	Target Pecent	0	[%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Pecent	0	[%]

Pump Model/Type:	BLADDER PUMP	
Tubing Type:	PVC	
Tubing Diam:	0.17	[in]
Tubing Length:	35	[ft]
Well Depth:	40	[ft]
Well Diam:	2	[in]
Screen Len:	176.4	[in]
Screen Depth:	25	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	26	[ft]
Pump Level (TOC):	30	[ft]
Final Pumping Rate:	0	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (156.2 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	273.22	[mL]
Actual Total Volume:	273.22	[mL]
Calculated Measurement Interval:	8197	[sec]
Actual Measurement Interval:	30	[sec]
Start date/time:	2/6/2005	11:14:42
End date/time:	2/6/2005	11:21:13
Total Time:	0:06:31	

Reading #	pH	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	7.34	0	230.51	0.73	1.41	-0.15	900.52	0.81	366.12	-5.51	14.63	0.03	11:18:45
3	7.34	0	231.15	0.64	1.32	-0.09	901.83	1.3	348.21	-17.92	14.66	0.02	11:19:16
2	7.34	0	231.75	0.6	1.25	-0.07	902.15	0.33	331.49	-16.72	14.65	0	11:19:46
1	7.34	0	232.31	0.56	1.2	-0.05	903.13	0.98	331.22	-0.27	14.67	0.02	11:20:17
0	7.34	0	233.46	1.15	1.18	-0.02	903.13	0	312.02	-19.2	14.66	-0.01	11:20:47

pH Min:	7.34
pH Max:	7.34
ORP Min:	230.51
ORP Max:	233.46
DO Min:	1.18
DO Max:	1.41
Cond Min:	900.52
Cond Max:	903.13
Turb Min:	312.02
Turb Max:	366.12
Temp Min:	14.63
Temp Max:	14.67

Notes:		
Device Record:		
In-Situ Inc.	Troll 9000 Pro XP	
Report generated:	3/2/2005	8:41:59
Report from file:	...\15-03095.14.007-Hartford Working Group-HMW-29-2-6-2005.flo.bin	
Win-Situ Version	4.51	
Serial number:	31923	
Firmware Version	1.46	
Unit name:	MP Troll 9000	
Test name:	LowFlow	
Test defined on:	2/6/2005	11:14:42
Test started on:	2/6/2005	11:14:42
Test stopped on:	N/A	N/A
Data gathered using Event testing		
Time between data points:	0.0 seconds	
Time between default storages:	0.0 seconds	
Monitoring data on channel [1]		
Data stored if delta value exceeds:	0	Fahrenheit
Number of data samples:	13	
TOTAL DATA SAMPLES	13	
Channel number [1]		
Measurement type:	Temperature	
Channel name:		
Channel number [2]		
Measurement type:	Pressure	
Channel name:	Pressure	
Sensor Range:	30 PSIG.	
Specific gravity:	1	
Mode:	TOC	
User-defined reference:	0	Feet H2O
Referenced on:	test start	
Pressure head at reference:	0.321	Feet H2O
Channel number [3]		
Measurement type:	Barometric Pressure	
Channel name:		
Channel number [4]		
Measurement type:	Turbidity	
Channel name:		
Channel number [5]		
Measurement type:	Battery Voltage	
Channel name:		
Channel number [11]		
Measurement type:	ORP	
Channel name:		
Channel number [12]		
Measurement type:	pH	
Channel name:		

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity
Channel name:

Date	Time	ET (sec)	Chan[1] Temp F	Chan[2] Pressure Feet H2O	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH	Chan[25] Clark DO ug/L	Chan[45] Conductivity mS/cm
---	---	---	---	---	---	---	---	---	---	---	---
2/6/2005	11:14:42	0	54.75	0	29.775	155.3	2.811	219	7.17	10804	861.73
2/6/2005	11:15:12	30	56.79	-0.006	29.775	252.4	2.811	221	7.27	7655	872.6
2/6/2005	11:15:42	60	57.5	-0.005	29.775	281.7	2.811	223	7.3	4766	882.18
2/6/2005	11:16:12	90	57.72	-0.006	29.775	321.9	2.785	226	7.31	3234	888.63
2/6/2005	11:16:43	121	57.86	-0.002	29.775	369.3	2.811	227	7.32	2437	892.78
2/6/2005	11:17:14	152	58.01	-0.003	29.774	371.8	2.785	228	7.33	1999	895.83
2/6/2005	11:17:44	182	58.22	-0.002	29.775	381.2	2.811	229	7.34	1736	897.6
2/6/2005	11:18:15	213	58.29	-0.003	29.774	371.6	2.785	230	7.34	1559	899.71
2/6/2005	11:18:45	243	58.34	-0.003	29.774	366.1	2.785	231	7.34	1413	900.52
2/6/2005	11:19:16	274	58.39	-0.001	29.774	348.2	2.811	231	7.34	1320	901.83
2/6/2005	11:19:46	304	58.38	0	29.774	331.5	2.811	232	7.34	1254	902.15
2/6/2005	11:20:17	335	58.41	-0.001	29.773	331.2	2.785	232	7.34	1204	903.13
2/6/2005	11:20:47	365	58.39	-0.001	29.772	312	2.811	233	7.34	1181	903.13

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-38C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	47 [ft]
Well Depth:	42.2 [ft]
Well Diam:	2 [in]
Screen Len:	120 [in]
Screen Depth:	32.2 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	30.06 [ft]
Pump Level (TOC):	37.2 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (453.7 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	570.68 [mL]
Actual Total Volume:	570.68 [mL]
Calculated Measurement Interval:	172 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/22/2005	10:30:28
End date/time:	1/22/2005	10:40:30
Total Time:	0:10:02	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.48	0	-83.82	-1.06	274.16	-5.14	1355.9	3.07	469.37	-53.22	54.85	0.07	10:38:02
3	6.48	0	-84.8	-0.98	263.64	-10.53	1356.99	1.09	468.48	-0.88	54.88	0.04	10:38:33
2	6.48	0	-85.56	-0.76	265.09	1.45	1358.13	1.15	480.16	11.67	54.84	-0.04	10:39:03
1	6.48	0	-86.62	-1.06	259.93	-5.16	1360.9	2.76	414.21	-65.95	54.91	0.07	10:39:33
0	6.48	0	-87.26	-0.64	261.07	1.14	1359.9	-1	418	3.8	54.9	-0.01	10:40:05

pH Min:	6.48
pH Max:	6.48
ORP Min:	-87.26
ORP Max:	-83.82
DO Min:	259.93
DO Max:	274.16
Cond Min:	1355.9
Cond Max:	1360.9
Turb Min:	414.21
Turb Max:	480.16
Temp Min:	54.84

Temp Max:	54.91
Notes:	
Device Record:	

In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	3/7/2005 15:39:57
Report from file:	...\Hartford Working Group5-03095.15.003-HMW-38C-1-22-2005.flo.bin
Win-Situ Version	4.51
Serial number:	31880
Firmware Version	1.46
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	1/22/2005 10:30:28
Test started on:	1/22/2005 10:30:28
Test stopped on:	N/A N/A

Data gathered using Event testing

Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	20

TOTAL DATA SAMPLES	20

Channel number [1]	
Measurement type:	Temperature
Channel name:	
Channel number [3]	
Measurement type:	Barometric Pressure
Channel name:	
Channel number [4]	
Measurement type:	Turbidity
Channel name:	
Channel number [5]	
Measurement type:	Battery Voltage
Channel name:	
Channel number [11]	
Measurement type:	ORP
Channel name:	
Channel number [12]	
Measurement type:	pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/22/2005	10:30:28	0	45.61	29.607	980.4	2.629	-44	6.43	9771	802.04
1/22/2005	10:30:57	29	47.96	29.607	802.6	2.629	-54	6.44	6171	895.97
1/22/2005	10:31:28	60	51.48	29.604	789.3	2.681	-59	6.45	3612	955.33
1/22/2005	10:31:58	90	52.3	29.601	649	2.629	-64	6.46	2272	976.32
1/22/2005	10:32:29	121	52.31	29.598	620.6	2.681	-67	6.46	1542	987.16
1/22/2005	10:32:59	151	52.31	29.594	567.3	2.681	-70	6.47	1144	996.21
1/22/2005	10:33:29	181	53.62	29.584	535.7	2.655	-72	6.47	845	1003.37
1/22/2005	10:33:59	211	53.78	29.587	584.4	2.629	-73	6.48	667	1005.04
1/22/2005	10:34:31	243	54.05	29.59	663.6	2.629	-75	6.48	523	1011.92
1/22/2005	10:35:01	273	54.25	29.589	545.6	2.655	-77	6.48	422	1018.05
1/22/2005	10:35:31	303	54.5	29.595	568.2	2.681	-78	6.48	352	1020.62
1/22/2005	10:36:01	333	54.81	29.595	535.8	2.629	-80	6.48	304	1027.07
1/22/2005	10:36:31	363	54.79	29.594	532.8	2.629	-81	6.48	305	1027.96
1/22/2005	10:37:02	394	54.76	29.594	504.3	2.681	-82	6.48	301	1033.41
1/22/2005	10:37:32	424	54.78	29.595	522.6	2.681	-83	6.48	279	1033.87
1/22/2005	10:38:02	454	54.85	29.595	489.4	2.681	-84	6.48	274	1037.18
1/22/2005	10:38:33	485	54.88	29.599	468.5	2.655	-85	6.48	264	1038.52
1/22/2005	10:39:03	515	54.84	29.599	480.2	2.681	-86	6.48	265	1038.76
1/22/2005	10:39:33	545	54.91	29.597	414.2	2.681	-87	6.48	260	1041.87
1/22/2005	10:40:05	577	54.9	29.601	418	2.655	-87	6.48	261	1041.01

Operator Name:	Darren Lamsma
Company Name:	CLAYTON GROUP SERVICES
Project Name:	15-03095.14.007
Site Name:	Hartford Working Group
Well ID:	HMW-39C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [mg/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	10 [uS/cm]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER PUMP
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	45 [ft]
Well Depth:	41.83 [ft]
Well Diam:	2 [in]
Screen Len:	116.4 [in]
Screen Depth:	32 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	27.19 [ft]
Pump Level (TOC):	38 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (200.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	317.85 [mL]
Actual Total Volume:	317.85 [mL]
Calculated Measurement Interval:	9536 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	2/6/2005	9:30:38
End date/time:	2/6/2005	9:37:41
Total Time:	0:07:03	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	7.35	0	235.35	0.89	1.17	-3.5	1422.31	1.62	70.08	-7.01	14.77	0	9:35:12
3	7.35	0	235.13	-0.22	1.08	-0.1	1428.01	5.7	68.53	-1.55	14.8	0.03	9:35:42
2	7.35	0	235.59	0.47	1.08	0	1433.35	5.34	58.97	-9.56	14.75	-0.04	9:36:12
1	7.35	0	234.95	-0.65	1.16	0.08	1439.97	6.62	57.71	-1.26	14.75	0	9:36:43
0	7.35	0	235.07	0.12	1.08	-0.07	1444.97	5.01	55.12	-2.59	14.77	0.02	9:37:13

pH Min:	7.35
pH Max:	7.35
ORP Min:	234.95
ORP Max:	235.59
DO Min:	1.08
DO Max:	1.17
Cond Min:	1422.31
Cond Max:	1444.97
Turb Min:	55.12
Turb Max:	70.08
Temp Min:	14.75

Temp Max: 14.8

Notes:

Device Record:

In-Situ Inc. Troll 9000 Pro XP

Report generated: 3/2/2005 8:55:46
Report from file: ...\15-03095.14.007-Hartford Working Group-HMW-39C-2-6-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31923
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 2/6/2005 9:30:38
Test started on: 2/6/2005 9:30:38
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 14

TOTAL DATA SAMPLES 14

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name: Pressure
Sensor Range: 30 PSIG.
Specific gravity: 1
Mode: TOC
User-defined reference: 0 Feet H2O
Referenced on: test start
Pressure head at reference: 0.312 Feet H2O

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[2] Pressure Feet H2O	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
2/6/2005	9:30:38	0	51.23	0	29.78	127.9	2.811	232	7	8710	1275.28
2/6/2005	9:31:08	30	55.44	-0.023	29.78	125.9	2.785	229	7.2	7969	1327.61
2/6/2005	9:31:38	60	57.39	-0.025	29.78	138.7	2.811	228	7.29	2978	1350.27
2/6/2005	9:32:08	90	57.88	-0.021	29.78	123	2.811	228	7.32	2185	1377.14
2/6/2005	9:32:39	121	58.09	-0.022	29.78	109.7	2.785	230	7.33	1803	1385.94
2/6/2005	9:33:10	152	58.29	-0.022	29.779	98.2	2.811	231	7.34	1571	1392.91
2/6/2005	9:33:40	182	58.48	-0.021	29.779	86.2	2.785	232	7.34	1361	1401.92
2/6/2005	9:34:11	213	58.53	-0.019	29.779	71.8	2.811	233	7.35	1249	1409.05
2/6/2005	9:34:42	244	58.58	-0.02	29.78	77.1	2.785	234	7.35	4670	1420.69
2/6/2005	9:35:12	274	58.58	-0.02	29.78	70.1	2.785	235	7.35	1174	1422.31
2/6/2005	9:35:42	304	58.63	-0.019	29.781	68.5	2.785	235	7.35	1077	1428.01
2/6/2005	9:36:12	334	58.56	-0.018	29.782	59	2.811	236	7.35	1079	1433.35
2/6/2005	9:36:43	365	58.55	-0.018	29.782	57.7	2.811	235	7.35	1155	1439.97
2/6/2005	9:37:13	395	58.58	-0.019	29.783	55.1	2.811	235	7.35	1082	1444.97

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-40C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	38 [ft]
Well Depth:	39 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	24 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	23.79 [ft]
Pump Level (TOC):	31.5 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (366.8 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	483.81 [mL]
Actual Total Volume:	483.81 [mL]
Calculated Measurement Interval:	146 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/23/2005	10:16:25
End date/time:	1/23/2005	10:37:20
Total Time:	0:20:55	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.82	0.01	35.68	-6.23	1264.91	-97.36	697.28	1.23	60.65	-1.13	54.27	-0.41	10:20:59
3	6.82	0	30.69	-4.99	1173.56	-91.35	695.85	-1.43	55.88	-4.76	54.43	0.16	10:21:29
2	6.82	0	26.3	-4.39	1105.55	-68.01	695.25	-0.6	46.81	-9.07	54.44	0.01	10:21:59
1	6.82	0	21.86	-4.44	1038.07	-67.48	694.05	-1.21	46.38	-0.43	54.79	0.35	10:22:29
0	6.82	-0.01	18.32	-3.54	987.5	-50.57	693.72	-0.33	48.48	2.1	54.99	0.21	10:22:59

pH Min:	6.82
pH Max:	6.82
ORP Min:	18.32
ORP Max:	35.68
DO Min:	987.5
DO Max:	1264.91
Cond Min:	693.72
Cond Max:	697.28
Turb Min:	46.38
Turb Max:	60.65
Temp Min:	54.27
Temp Max:	54.99

Notes:

Device Record:

In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	3/7/2005 16:17:08
Report from file:	...\Hartford Working Group-15-03095.15.003-HMW-40C-1-23-2005.flo.bin
Win-Situ Version	4.51
Serial number:	31880
Firmware Version	1.46
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	1/23/2005 10:16:25
Test started on:	1/23/2005 10:16:25
Test stopped on:	N/A N/A
Data gathered using Event testing	
Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	14
TOTAL DATA SAMPLES	14
Channel number [1]	
Measurement type:	Temperature
Channel name:	
Channel number [3]	
Measurement type:	Barometric Pressure
Channel name:	
Channel number [4]	
Measurement type:	Turbidity
Channel name:	
Channel number [5]	
Measurement type:	Battery Voltage
Channel name:	
Channel number [11]	
Measurement type:	ORP
Channel name:	
Channel number [12]	
Measurement type:	pH
Channel name:	

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/23/2005	10:16:25	0	47.19	30.093	483	2.629	217	6.77	10348	450.59
1/23/2005	10:16:55	30	52.05	30.092	384.7	2.603	167	6.77	6451	478.99
1/23/2005	10:17:25	60	53.96	30.092	231.2	2.655	128	6.77	4291	496.49
1/23/2005	10:17:55	90	54.14	30.092	167.7	2.655	99	6.78	2969	512.75
1/23/2005	10:18:27	122	54.3	30.091	129	2.603	80	6.79	2262	518.81
1/23/2005	10:18:57	152	54.89	30.092	107.8	2.655	67	6.8	1837	526.17
1/23/2005	10:19:28	183	55.05	30.092	97.2	2.655	57	6.81	1609	531.14
1/23/2005	10:19:58	213	54.87	30.093	84.9	2.629	49	6.81	1495	532.53
1/23/2005	10:20:28	243	54.67	30.092	61.8	2.655	42	6.82	1362	531.16
1/23/2005	10:20:59	274	54.27	30.094	60.6	2.629	36	6.82	1265	529.09
1/23/2005	10:21:29	304	54.43	30.092	55.9	2.655	31	6.82	1174	529.21
1/23/2005	10:21:59	334	54.44	30.093	46.8	2.629	26	6.82	1106	528.81
1/23/2005	10:22:29	364	54.79	30.093	46.4	2.629	22	6.82	1038	530.47
1/23/2005	10:22:59	394	54.99	30.094	48.5	2.655	18	6.82	987	531.73

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-41C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	47 [ft]
Well Depth:	49 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	34 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	23.94 [ft]
Pump Level (TOC):	41.5 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (453.7 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	570.68 [mL]
Actual Total Volume:	570.68 [mL]
Calculated Measurement Interval:	172 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/23/2005	11:44:58
End date/time:	1/23/2005	11:53:48
Total Time:	0:08:50	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.69	0	-87.24	-0.6	711.41	-47.47	1594.57	0.93	141.62	0.25	55.71	0.13	11:51:32
3	6.69	0	-87.59	-0.34	681.72	-29.69	1597.26	2.69	148.48	6.85	55.79	0.09	11:52:02
2	6.68	0	-88.14	-0.56	694.02	12.31	1598.64	1.38	137.4	-11.07	55.47	-0.33	11:52:32
1	6.68	-0.01	-88.61	-0.47	685.36	-8.66	1598.85	0.22	142.94	5.54	55.61	0.14	11:53:02
0	6.67	0	-89	-0.39	653.53	-31.83	1596.38	-2.48	137.62	-5.33	56.08	0.48	11:53:33

pH Min:	6.67
pH Max:	6.69
ORP Min:	-89
ORP Max:	-87.24
DO Min:	653.53
DO Max:	711.41
Cond Min:	1594.57
Cond Max:	1598.85
Turb Min:	137.4
Turb Max:	148.48
Temp Min:	55.47

Temp Max: 56.08

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 16:11:51
Report from file: ...\Hartford Working Group-15-03095.15.003-HMW-41C-1-23-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/23/2005 11:44:58
Test started on: 1/23/2005 11:44:58
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 18

TOTAL DATA SAMPLES 18

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/23/2005	11:44:58	0	45.05	30.041	74.1	2.629	-62	7.28	11069	872.54
1/23/2005	11:45:27	29	48.81	30.041	91.5	2.655	-69	6.99	7377	1039.7
1/23/2005	11:45:59	61	51.52	30.039	105.6	2.681	-74	6.88	4956	1127.65
1/23/2005	11:46:29	91	52.75	30.039	101.7	2.655	-76	6.82	3417	1161.4
1/23/2005	11:46:59	121	53.66	30.039	124.8	2.655	-79	6.78	2463	1178.75
1/23/2005	11:47:29	151	54.3	30.039	113	2.629	-81	6.76	1872	1199.35
1/23/2005	11:48:00	182	54.28	30.039	129.8	2.655	-82	6.75	1532	1205.75
1/23/2005	11:48:30	212	54.66	30.038	127.8	2.681	-83	6.73	1279	1212.54
1/23/2005	11:49:01	243	54.99	30.039	138.1	2.655	-84	6.72	1108	1217.52
1/23/2005	11:49:31	273	55.35	30.038	132.7	2.655	-85	6.71	989	1225.08
1/23/2005	11:50:01	303	55.49	30.038	127.8	2.655	-86	6.71	890	1227.29
1/23/2005	11:50:31	333	55.35	30.039	146	2.655	-86	6.7	826	1226.97
1/23/2005	11:51:01	363	55.58	30.038	141.4	2.681	-87	6.69	759	1231.43
1/23/2005	11:51:32	394	55.71	30.038	141.6	2.629	-87	6.69	711	1234.31
1/23/2005	11:52:02	424	55.79	30.038	148.5	2.681	-88	6.69	682	1237.86
1/23/2005	11:52:32	454	55.47	30.039	137.4	2.655	-88	6.68	694	1233.34
1/23/2005	11:53:02	484	55.61	30.039	142.9	2.629	-89	6.68	685	1235.91
1/23/2005	11:53:33	515	56.08	30.039	137.6	2.681	-89	6.67	654	1242.07

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-42B

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	37 [ft]
Well Depth:	40 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	25 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	28.96 [ft]
Pump Level (TOC):	32.5 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (357.2 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	474.15 [mL]
Actual Total Volume:	474.15 [mL]
Calculated Measurement Interval:	143 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/23/2005	13:59:49
End date/time:	1/23/2005	14:07:21
Total Time:	0:07:32	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.79	-0.01	-121.92	-0.64	4881.38	-125.76	1060.04	1.07	182.92	-2.19	58.06	0.09	14:04:53
3	6.79	0	-123.07	-1.15	4741.11	-140.26	1059.14	-0.89	189.31	6.39	58.29	0.23	14:05:22
2	6.79	0	-123.62	-0.55	4626.78	-114.33	1058.27	-0.87	195.94	6.63	58.38	0.09	14:05:52
1	6.78	0	-124.21	-0.59	4526.35	-100.43	1059.56	1.29	181.36	-14.58	58.41	0.03	14:06:23
0	6.77	-0.01	-124.46	-0.25	4427.03	-99.32	1059.05	-0.51	180.55	-0.81	58.43	0.02	14:06:53

pH Min:	6.77
pH Max:	6.79
ORP Min:	-124.46
ORP Max:	-121.92
DO Min:	4427.03
DO Max:	4881.38
Cond Min:	1058.27
Cond Max:	1060.04
Turb Min:	180.55
Turb Max:	195.94
Temp Min:	58.06

Temp Max: 58.43

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 16:03:15
Report from file: ...\Hartford Working Group-15-03095.15.003-HMW-42B-1-23-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/23/2005 13:59:49
Test started on: 1/23/2005 13:59:49
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 15

TOTAL DATA SAMPLES 15

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/23/2005	13:59:49	0	47.63	29.958	207.5	2.629	-106	7.25	9558	717.69
1/23/2005	14:00:19	30	52.06	29.959	183	2.629	-110	7.03	7141	775.57
1/23/2005	14:00:49	60	54.49	29.96	199.6	2.629	-112	6.94	6430	801.05
1/23/2005	14:01:19	90	55.13	29.961	179.6	2.681	-113	6.89	6109	813.73
1/23/2005	14:01:51	122	56.71	29.961	179.1	2.681	-115	6.85	5695	826.53
1/23/2005	14:02:21	152	56.98	29.962	178.2	2.681	-116	6.83	5558	832.21
1/23/2005	14:02:52	183	57.38	29.963	178.5	2.655	-117	6.81	5391	835.59
1/23/2005	14:03:22	213	57.69	29.963	173.8	2.629	-118	6.8	5247	839.31
1/23/2005	14:03:52	243	57.86	29.965	174.5	2.655	-120	6.8	5128	843.66
1/23/2005	14:04:22	273	57.97	29.965	185.1	2.681	-121	6.8	5007	845.18
1/23/2005	14:04:53	304	58.06	29.965	182.9	2.629	-122	6.79	4881	847
1/23/2005	14:05:22	333	58.29	29.966	189.3	2.629	-123	6.79	4741	848.84
1/23/2005	14:05:52	363	58.38	29.966	195.9	2.629	-124	6.79	4627	849.15
1/23/2005	14:06:23	394	58.41	29.967	181.4	2.629	-124	6.78	4526	850.54
1/23/2005	14:06:53	424	58.43	29.967	180.6	2.629	-124	6.77	4427	850.4

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-43C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	41 [ft]
Well Depth:	41 [ft]
Well Diam:	2 [in]
Screen Len:	120 [in]
Screen Depth:	31 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	27.08 [ft]
Pump Level (TOC):	36 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (395.8 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	512.76 [mL]
Actual Total Volume:	512.76 [mL]
Calculated Measurement Interval:	154 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/23/2005	15:38:00
End date/time:	1/23/2005	15:48:37
Total Time:	0:10:37	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.66	0.01	-78.3	-1.11	283.35	-32.12	1369.74	2.89	446.4	-43.34	56.59	0	15:46:06
3	6.66	0	-78.73	-0.43	266.42	-16.93	1367.66	-2.08	489.61	43.2	56.7	0.11	15:46:37
2	6.66	-0.01	-78.99	-0.26	249.26	-17.15	1367.19	-0.47	443.52	-46.09	56.86	0.16	15:47:07
1	6.65	0	-79.28	-0.3	246.09	-3.17	1368.15	0.96	456.25	12.74	56.59	-0.27	15:47:38
0	6.65	0	-79.67	-0.38	240.85	-5.25	1366.3	-1.85	450.62	-5.63	56.59	0	15:48:08

pH Min:	6.65
pH Max:	6.66
ORP Min:	-79.67
ORP Max:	-78.3
DO Min:	240.85
DO Max:	283.35
Cond Min:	1366.3
Cond Max:	1369.74
Turb Min:	443.52
Turb Max:	489.61
Temp Min:	56.59

Temp Max: 56.86

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 16:09:32
Report from file: ...\Hartford Working Group-15-03095.15.003-HMW-43C-1-23-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/23/2005 15:38:00
Test started on: 1/23/2005 15:38:00
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 21

TOTAL DATA SAMPLES 21

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/23/2005	15:38:00	0	49.64	29.945	1077.4	2.655	-66	7.02	8500	954.86
1/23/2005	15:38:29	29	52.58	29.944	860.5	2.681	-70	6.88	5451	1016.61
1/23/2005	15:39:01	61	53.58	29.944	773.3	2.655	-72	6.8	3582	1038.7
1/23/2005	15:39:31	91	53.79	29.943	705.2	2.655	-73	6.77	2355	1042.81
1/23/2005	15:40:01	121	54.65	29.943	728.6	2.681	-74	6.74	1620	1054.2
1/23/2005	15:40:32	152	55.01	29.944	722.8	2.655	-74	6.72	1150	1062.72
1/23/2005	15:41:02	182	55.5	29.944	736	2.681	-75	6.71	927	1071.14
1/23/2005	15:41:33	213	55.67	29.944	706.5	2.655	-75	6.69	1637	1073.33
1/23/2005	15:42:03	243	55.49	29.944	761.8	2.681	-75	6.69	2599	1071.14
1/23/2005	15:42:33	273	55.71	29.944	640.7	2.681	-76	6.68	2753	1069.93
1/23/2005	15:43:04	304	55.73	29.944	701.8	2.655	-76	6.68	2386	1067.52
1/23/2005	15:43:33	333	56.17	29.944	702.8	2.655	-76	6.67	1149	1070.91
1/23/2005	15:44:05	365	56.56	29.945	650.2	2.681	-76	6.66	628	1076.27
1/23/2005	15:44:35	395	56.33	29.945	546.3	2.681	-76	6.66	448	1073.34
1/23/2005	15:45:06	426	56.63	29.946	553.1	2.629	-76	6.64	363	1072.86
1/23/2005	15:45:36	456	56.6	29.947	489.7	2.681	-77	6.65	315	1070.92
1/23/2005	15:46:06	486	56.59	29.948	446.4	2.655	-78	6.66	283	1073.11
1/23/2005	15:46:37	517	56.7	29.947	489.6	2.655	-79	6.66	266	1073.11
1/23/2005	15:47:07	547	56.86	29.949	443.5	2.655	-79	6.66	249	1075.06
1/23/2005	15:47:38	578	56.59	29.948	456.3	2.629	-79	6.65	246	1071.9
1/23/2005	15:48:08	608	56.59	29.949	450.6	2.655	-80	6.65	241	1070.45

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-45C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	45 [ft]
Well Depth:	45 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	30 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	30.42 [ft]
Pump Level (TOC):	37.5 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (434.4 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	551.37 [mL]
Actual Total Volume:	551.37 [mL]
Calculated Measurement Interval:	166 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/22/2005	12:31:26
End date/time:	1/22/2005	12:41:24
Total Time:	0:09:58	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.49	0	-89.03	-0.85	227.57	1.13	1300.58	2.54	346.66	-9.78	56.29	-0.07	12:38:59
3	6.49	0	-90.01	-0.98	228.01	0.44	1302.68	2.1	415.86	69.2	56.33	0.04	12:39:31
2	6.52	0.02	-92.48	-2.48	239.77	11.76	1307.11	4.43	436.58	20.72	56.29	-0.03	12:40:01
1	6.52	0.01	-93.33	-0.85	249.3	9.53	1301.16	-5.96	421.06	-15.52	56.55	0.26	12:40:31
0	6.53	0.01	-94.31	-0.98	244.19	-5.11	1298.94	-2.22	438.16	17.1	56.6	0.05	12:41:01

pH Min:	6.49
pH Max:	6.53
ORP Min:	-94.31
ORP Max:	-89.03
DO Min:	227.57
DO Max:	249.3
Cond Min:	1298.94
Cond Max:	1307.11
Turb Min:	346.66
Turb Max:	438.16
Temp Min:	56.29

Temp Max: 56.6

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 15:41:49
Report from file: ...\Hartford Working Group-15-03095.15.003-HMW-45C-1-22-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/22/2005 12:31:26
Test started on: 1/22/2005 12:31:26
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 20

TOTAL DATA SAMPLES 20

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/22/2005	12:31:26	0	51.11	29.642	327.9	2.629	-68	6.59	9143	939.08
1/22/2005	12:31:56	30	52.27	29.644	326.7	2.655	-69	6.56	5588	976.39
1/22/2005	12:32:26	60	53.88	29.641	391.9	2.681	-72	6.55	3168	984.65
1/22/2005	12:32:57	91	54.67	29.644	840.8	2.681	-75	6.54	1922	999.96
1/22/2005	12:33:27	121	55.38	29.643	304.4	2.681	-77	6.54	1267	1003.04
1/22/2005	12:33:58	152	55.55	29.645	319.8	2.681	-79	6.53	916	1005.31
1/22/2005	12:34:28	182	55.81	29.641	318.6	2.681	-80	6.52	672	1011.35
1/22/2005	12:34:58	212	55.86	29.642	287.9	2.681	-82	6.51	501	1003.27
1/22/2005	12:35:29	243	55.94	29.644	297.2	2.681	-83	6.51	385	1007.83
1/22/2005	12:35:59	273	56.13	29.646	297.2	2.655	-84	6.5	312	1013.06
1/22/2005	12:36:29	303	56.37	29.646	314.1	2.681	-85	6.5	289	1014.54
1/22/2005	12:36:59	333	56.12	29.646	329	2.681	-86	6.5	270	1011.82
1/22/2005	12:37:29	363	56.3	29.657	339.4	2.629	-86	6.49	242	1013.3
1/22/2005	12:37:59	393	56.32	29.653	368.7	2.681	-87	6.49	231	1015.63
1/22/2005	12:38:29	423	56.36	29.654	356.4	2.681	-88	6.49	226	1013.75
1/22/2005	12:38:59	453	56.29	29.653	346.7	2.681	-89	6.49	228	1014.82
1/22/2005	12:39:31	485	56.33	29.658	415.9	2.681	-90	6.49	228	1016.94
1/22/2005	12:40:01	515	56.29	29.653	436.6	2.681	-92	6.52	240	1019.92
1/22/2005	12:40:31	545	56.55	29.656	421.1	2.681	-93	6.52	249	1018.87
1/22/2005	12:41:01	575	56.6	29.655	438.2	2.681	-94	6.53	244	1017.83

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-46C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	42 [ft]
Well Depth:	41.2 [ft]
Well Diam:	2 [in]
Screen Len:	120 [in]
Screen Depth:	31.2 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	30.31 [ft]
Pump Level (TOC):	36.2 [ft]
Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (405.4 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	522.42 [mL]
Actual Total Volume:	522.42 [mL]
Calculated Measurement Interval:	157 [sec]
Actual Measurement Interval:	30 [sec]
Start date/time:	1/22/2005 14:16:11
End date/time:	1/22/2005 14:23:17
Total Time:	0:07:06

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.49	-0.01	-94.16	-0.47	494.52	-12.15	1456.7	-2.2	33.16	-42.56	56.07	0.08	14:21:15
3	6.49	0	-94.97	-0.81	554.69	60.17	1458.32	1.62	33.24	0.08	56.07	0	14:21:44
2	6.49	0	-95.57	-0.6	515.32	-39.37	1457.67	-0.65	31.43	-1.81	56.14	0.07	14:22:14
1	6.48	-0.01	-95.91	-0.34	483.88	-31.44	1456.53	-1.14	34.65	3.22	56.42	0.28	14:22:44
0	6.48	0	-96.38	-0.47	465.14	-18.74	1454.68	-1.85	30.93	-3.72	56.6	0.18	14:23:15

pH Min:	6.48
pH Max:	6.49
ORP Min:	-96.38
ORP Max:	-94.16
DO Min:	465.14
DO Max:	554.69
Cond Min:	1454.68
Cond Max:	1458.32
Turb Min:	30.93
Turb Max:	34.65
Temp Min:	56.07

Temp Max: 56.6

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 15:46:14
Report from file: ...\Hartford Working Group-15-03095.15.003-HMW-46C-1-22-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/22/2005 14:16:11
Test started on: 1/22/2005 14:16:11
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 15

TOTAL DATA SAMPLES 15

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/22/2005	14:16:11	0	48.86	29.701	41.1	2.707	-87	6.55	9952	1049.58
1/22/2005	14:16:40	29	49.91	29.703	24.6	2.707	-83	6.51	6052	1072.82
1/22/2005	14:17:10	59	52.96	29.703	21	2.707	-84	6.51	3458	1107.05
1/22/2005	14:17:41	90	53.86	29.703	21.6	2.655	-86	6.5	2122	1118.18
1/22/2005	14:18:11	120	54.97	29.704	60.2	2.707	-87	6.5	1350	1122.54
1/22/2005	14:18:41	150	55.29	29.703	118.5	2.681	-89	6.5	950	1127.19
1/22/2005	14:19:12	181	55.88	29.704	24.3	2.707	-90	6.5	696	1133.98
1/22/2005	14:19:42	211	55.79	29.707	77.9	2.655	-92	6.5	554	1131.36
1/22/2005	14:20:13	242	55.85	29.705	35.2	2.707	-93	6.5	509	1129.26
1/22/2005	14:20:43	272	55.99	29.707	75.7	2.681	-94	6.5	507	1133.71
1/22/2005	14:21:15	304	56.07	29.707	33.2	2.681	-94	6.49	495	1133.19
1/22/2005	14:21:44	333	56.07	29.708	33.2	2.681	-95	6.49	555	1134.5
1/22/2005	14:22:14	363	56.14	29.709	31.4	2.681	-96	6.49	515	1135.03
1/22/2005	14:22:44	393	56.42	29.708	34.6	2.681	-96	6.48	484	1138.46
1/22/2005	14:23:15	424	56.6	29.709	30.9	2.707	-96	6.48	465	1139.79

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-47C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	46 [ft]
Well Depth:	44.5 [ft]
Well Diam:	2 [in]
Screen Len:	120 [in]
Screen Depth:	34.5 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	30.39 [ft]
Pump Level (TOC):	39.5 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (444.0 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	561.03 [mL]
Actual Total Volume:	561.03 [mL]
Calculated Measurement Interval:	169 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/22/2005	15:35:39
End date/time:	1/22/2005	16:01:19
Total Time:	0:25:40	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.45	0	-88.39	-0.43	3751.08	-824.75	1839.4	-0.36	33.86	1.09	52.57	-0.03	15:58:53
3	6.45	0	-88.82	-0.43	2534.13	-1216.94	1835.11	-4.29	31.27	-2.59	53.11	0.54	15:59:23
2	6.45	0	-89.16	-0.34	2978.72	444.59	1838.18	3.07	28.11	-3.17	53.09	-0.02	15:59:54
1	6.45	0	-89.51	-0.34	3661.38	682.66	1841.6	3.42	25.08	-3.03	52.82	-0.27	16:00:24
0	6.45	0	-89.94	-0.43	3313.74	-347.64	1843.94	2.34	25.22	0.14	52.85	0.03	16:00:55

pH Min:	6.45
pH Max:	6.45
ORP Min:	-89.94
ORP Max:	-88.39
DO Min:	2534.13
DO Max:	3751.08
Cond Min:	1835.11
Cond Max:	1843.94
Turb Min:	25.08
Turb Max:	33.86
Temp Min:	52.57

Temp Max: 53.11

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 15:42:28
Report from file: ...\Hartford Working Group-15-03095.15.003-HMW-47C-1-22-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/22/2005 15:35:39
Test started on: 1/22/2005 15:35:39
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 51

TOTAL DATA SAMPLES 51

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/22/2005	15:35:39	0	49.27	29.766	106.2	2.707	-73	6.52	8804	1172.3
1/22/2005	15:36:08	29	51.39	29.769	131.1	2.655	-70	6.48	7596	1245.11
1/22/2005	15:36:40	61	52.13	29.766	145.3	2.707	-70	6.48	6945	1245.09
1/22/2005	15:37:10	91	51.69	29.769	122.2	2.707	-71	6.49	6619	1248.89
1/22/2005	15:37:40	121	51.28	29.767	115.7	2.681	-72	6.49	4713	1240.64
1/22/2005	15:38:11	152	50.96	29.768	130.6	2.707	-73	6.5	6951	1235.61
1/22/2005	15:38:41	182	50.65	29.767	250.2	2.681	-73	6.5	7986	1233.73
1/22/2005	15:39:11	212	50.28	29.768	124.6	2.681	-74	6.5	5209	1225.06
1/22/2005	15:39:42	243	50.07	29.77	117.9	2.681	-74	6.49	4078	1218.63
1/22/2005	15:40:12	273	49.76	29.771	132.2	2.655	-75	6.5	4355	1217.4
1/22/2005	15:40:43	304	49.5	29.772	125.6	2.707	-75	6.5	7879	1213.16
1/22/2005	15:41:12	333	48.44	29.772	203.8	2.707	-76	6.49	6472	1190.7
1/22/2005	15:41:44	365	46.69	29.772	154.3	2.707	-77	6.5	5347	1190.97
1/22/2005	15:42:14	395	46.79	29.774	145.8	2.681	-77	6.49	8388	1187.2
1/22/2005	15:42:44	425	46.68	29.773	156.6	2.707	-78	6.5	9632	1184.02
1/22/2005	15:43:15	456	46.64	29.774	117.3	2.707	-78	6.5	8491	1181.15
1/22/2005	15:43:45	486	46.44	29.772	147	2.681	-79	6.5	8798	1178
1/22/2005	15:44:15	516	46.36	29.775	130	2.681	-78	6.5	9789	1174.6
1/22/2005	15:44:46	547	46.24	29.774	120	2.707	-79	6.51	10048	1175.15
1/22/2005	15:45:16	577	46.14	29.774	126.2	2.707	-80	6.51	10048	1173.72
1/22/2005	15:45:47	608	46.02	29.773	124.8	2.707	-80	6.51	10015	1172.3
1/22/2005	15:46:16	637	45.99	29.775	119.1	2.707	-80	6.51	9927	1169.76
1/22/2005	15:46:46	667	45.88	29.777	129.2	2.655	-80	6.51	9827	1168.63
1/22/2005	15:47:16	697	45.75	29.777	125.8	2.655	-80	6.51	9752	1167.5
1/22/2005	15:47:48	729	45.63	29.778	120.5	2.707	-80	6.51	9690	1166.09
1/22/2005	15:48:18	759	45.52	29.778	120.5	2.707	-80	6.52	9646	1164.69
1/22/2005	15:48:48	789	45.41	29.778	120.5	2.655	-81	6.52	9601	1163.02
1/22/2005	15:49:19	820	45.29	29.777	119.1	2.655	-81	6.52	9558	1161.62
1/22/2005	15:49:49	850	45.2	29.776	119.2	2.655	-81	6.52	9525	1159.68
1/22/2005	15:50:19	880	45.09	29.778	119.1	2.707	-81	6.52	9485	1158.3
1/22/2005	15:50:49	910	45.01	29.777	116.5	2.681	-81	6.52	9438	1156.64
1/22/2005	15:51:19	940	44.89	29.778	114.9	2.707	-81	6.52	9412	1154.99
1/22/2005	15:51:50	971	43.54	29.778	107	2.655	-81	6.55	9140	1118.78
1/22/2005	15:52:20	1001	42.21	29.779	134	2.707	-83	6.52	9335	1092.53
1/22/2005	15:52:50	1031	42.22	29.78	114.3	2.681	-83	6.48	9782	1115.19
1/22/2005	15:53:21	1062	45.9	29.779	131	2.655	-83	6.48	7074	1189.78
1/22/2005	15:53:51	1092	48.35	29.78	92.2	2.707	-83	6.47	8889	1222.48

1/22/2005	15:54:21	1122	49.44	29.781	71.1	2.681	-83	6.46	7112	1269.42
1/22/2005	15:54:51	1152	50.73	29.781	58.4	2.681	-84	6.46	5106	1292.55
1/22/2005	15:55:22	1183	50.82	29.782	53.9	2.707	-84	6.46	4481	1277.34
1/22/2005	15:55:52	1213	51.02	29.784	44.5	2.707	-85	6.46	5129	1310.18
1/22/2005	15:56:22	1243	51.58	29.786	213.4	2.681	-86	6.46	6730	1333.75
1/22/2005	15:56:53	1274	51.71	29.785	41.5	2.681	-86	6.46	7096	1334.46
1/22/2005	15:57:23	1304	51.98	29.784	34.7	2.655	-87	6.45	7379	1341.4
1/22/2005	15:57:53	1334	52.52	29.787	31.2	2.681	-87	6.45	6611	1353.26
1/22/2005	15:58:23	1364	52.6	29.786	32.8	2.681	-88	6.45	4576	1363.43
1/22/2005	15:58:53	1394	52.57	29.789	33.9	2.655	-88	6.45	3751	1362.66
1/22/2005	15:59:23	1424	53.11	29.789	31.3	2.681	-89	6.45	2534	1369.9
1/22/2005	15:59:54	1455	53.09	29.791	28.1	2.707	-89	6.45	2979	1371.81
1/22/2005	16:00:24	1485	52.82	29.789	25.1	2.707	-90	6.45	3661	1369.11
1/22/2005	16:00:55	1516	52.85	29.791	25.2	2.681	-90	6.45	3314	1371.4

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	HMW-48D

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	55 [ft]
Well Depth:	53.07 [ft]
Well Diam:	2 [in]
Screen Len:	120 [in]
Screen Depth:	43.07 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	28.69 [ft]
Pump Level (TOC):	48.07 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (245.5 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	362.49 [mL]
Actual Total Volume:	362.49 [mL]
Calculated Measurement Interval:	10875 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/23/2005	11:56:18
End date/time:	1/23/2005	12:07:33
Total Time:	0:11:15	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.51	0	-82.27	-0.04	263.35	2.51	1169.15	-5.88	55.67	0.32	54.83	0.35	12:05:27
3	6.5	-0.01	-81.76	0.52	270.35	6.99	1170.46	1.31	48.59	-7.08	54.62	-0.21	12:05:58
2	6.49	-0.01	-81.32	0.43	269.94	-0.41	1169	-1.47	49.3	0.71	54.7	0.08	12:06:28
1	6.48	-0.01	-81.02	0.3	271.26	1.32	1172.03	3.03	46.87	-2.43	54.57	-0.13	12:07:00
0	6.48	-0.01	-80.67	0.35	280.42	9.16	1171.5	-0.53	47.25	0.38	54.72	0.15	12:07:31

pH Min:	6.48
pH Max:	6.51
ORP Min:	-82.27
ORP Max:	-80.67
DO Min:	263.35
DO Max:	280.42
Cond Min:	1169
Cond Max:	1172.03
Turb Min:	46.87
Turb Max:	55.67
Temp Min:	54.57

Temp Max: 54.83

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 15:48:13
Report from file: ...\Hartford-15-03095.14.007-HMW-48D-1-23-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/23/2005 11:56:18
Test started on: 1/23/2005 11:56:18
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 23

TOTAL DATA SAMPLES 23

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/23/2005	11:56:18	0	47.62	30.06	92.2	2.759	28	6.98	10620	829.79
1/23/2005	11:56:48	30	48.39	30.06	132.8	2.733	-16	6.82	7096	859.34
1/23/2005	11:57:18	60	50.57	30.06	214.8	2.759	-42	6.65	4512	862.96
1/23/2005	11:57:49	91	51.65	30.059	206.4	2.759	-55	6.56	2893	868.74
1/23/2005	11:58:20	122	52.51	30.059	166.2	2.733	-64	6.53	1862	877.26
1/23/2005	11:58:51	153	52.71	30.059	120.8	2.759	-70	6.52	1284	880.56
1/23/2005	11:59:22	184	53.07	30.059	107	2.733	-74	6.52	939	886.74
1/23/2005	11:59:52	214	53.89	30.059	109.5	2.733	-76	6.52	707	885.31
1/23/2005	12:00:22	244	54.19	30.059	94.6	2.733	-78	6.52	546	885.47
1/23/2005	12:00:52	274	53.44	30.058	85.7	2.759	-79	6.52	464	888.18
1/23/2005	12:01:23	305	53.94	30.058	83.5	2.707	-80	6.52	394	888.02
1/23/2005	12:01:53	335	54.57	30.058	79.3	2.707	-81	6.52	336	892.37
1/23/2005	12:02:25	367	54.5	30.058	70.8	2.707	-81	6.52	306	892.7
1/23/2005	12:02:56	398	54.42	30.058	67.5	2.733	-82	6.52	291	893.51
1/23/2005	12:03:26	428	54.53	30.059	64.6	2.733	-82	6.52	270	894.81
1/23/2005	12:03:57	459	54.55	30.059	61.9	2.733	-82	6.51	260	895.3
1/23/2005	12:04:27	489	54.4	30.058	55.3	2.733	-82	6.51	261	895.79
1/23/2005	12:04:57	519	54.49	30.057	55.4	2.733	-82	6.51	261	894.33
1/23/2005	12:05:27	549	54.83	30.058	55.7	2.733	-82	6.51	263	894.17
1/23/2005	12:05:58	580	54.62	30.057	48.6	2.733	-82	6.5	270	892.55
1/23/2005	12:06:28	610	54.7	30.057	49.3	2.733	-81	6.49	270	892.39
1/23/2005	12:07:00	642	54.57	30.056	46.9	2.733	-81	6.48	271	893.04
1/23/2005	12:07:31	673	54.72	30.054	47.2	2.733	-81	6.48	280	894.5

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-49B

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	28 [ft]
Well Depth:	24.1 [ft]
Well Diam:	2 [in]
Screen Len:	12 [in]
Screen Depth:	23.1 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	19.28 [ft]
Pump Level (TOC):	23.6 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (270.3 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	387.28 [mL]
Actual Total Volume:	387.28 [mL]
Calculated Measurement Interval:	117 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/24/2005	11:38:28
End date/time:	1/24/2005	11:47:26
Total Time:	0:08:58	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.33	0	-97.65	-0.85	2780.37	2.69	2378.37	1.68	18.32	-2.15	61.83	0.08	11:45:01
3	6.32	-0.01	-98.07	-0.42	2763.43	-16.94	2378.26	-0.11	16.79	-1.53	61.77	-0.06	11:45:31
2	6.32	0	-98.67	-0.59	2749.36	-14.06	2379.38	1.12	13.2	-3.59	61.84	0.07	11:46:02
1	6.31	-0.01	-98.96	-0.29	2754.95	5.59	2375.84	-3.55	12.48	-0.72	61.72	-0.12	11:46:32
0	6.31	0	-99.51	-0.55	2750.01	-4.95	2377.59	1.75	12.27	-0.21	61.73	0.01	11:47:02

pH Min:	6.31
pH Max:	6.33
ORP Min:	-99.51
ORP Max:	-97.65
DO Min:	2749.36
DO Max:	2780.37
Cond Min:	2375.84
Cond Max:	2379.38
Turb Min:	12.27
Turb Max:	18.32
Temp Min:	61.72

Temp Max: 61.84

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 16:19:30
Report from file: ...\Hartford Working Group-15-03095.15.003-HMW-49B-1-24-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/24/2005 11:38:28
Test started on: 1/24/2005 11:38:28
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 18

TOTAL DATA SAMPLES 18

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/24/2005	11:38:28	0	55.54	29.559	48.1	2.681	-92	6.73	8778	1825.42
1/24/2005	11:38:57	29	59.1	29.559	109.2	2.681	-90	6.49	4699	1924.94
1/24/2005	11:39:28	60	60.36	29.559	107.9	2.629	-90	6.41	2550	1961.94
1/24/2005	11:39:58	90	60.79	29.558	106.7	2.629	-90	6.37	1577	1971.84
1/24/2005	11:40:28	120	60.77	29.557	89.9	2.681	-90	6.35	1219	1975.18
1/24/2005	11:40:59	151	61.01	29.557	67.4	2.655	-91	6.33	1141	1975.2
1/24/2005	11:41:29	181	60.97	29.556	56.8	2.629	-92	6.33	1115	1972.73
1/24/2005	11:41:59	211	61.35	29.555	49.3	2.681	-93	6.33	1125	1979.41
1/24/2005	11:42:31	243	61.57	29.555	44.6	2.629	-94	6.33	1109	1982.78
1/24/2005	11:43:01	273	61.56	29.555	35.8	2.681	-95	6.33	1929	1982.82
1/24/2005	11:43:31	303	61.79	29.555	31.3	2.681	-96	6.34	2526	1984.53
1/24/2005	11:44:01	333	61.34	29.555	25.9	2.681	-96	6.33	2744	1988.77
1/24/2005	11:44:31	363	61.75	29.554	20.5	2.681	-97	6.33	2778	1992.18
1/24/2005	11:45:01	393	61.83	29.554	18.3	2.655	-98	6.33	2780	1995.61
1/24/2005	11:45:31	423	61.77	29.554	16.8	2.681	-98	6.32	2763	1993.96
1/24/2005	11:46:02	454	61.84	29.554	13.2	2.681	-99	6.32	2749	1996.55
1/24/2005	11:46:32	484	61.72	29.554	12.5	2.655	-99	6.31	2755	1990.67
1/24/2005	11:47:02	514	61.73	29.553	12.3	2.655	-100	6.31	2750	1992.4

Operator Name:	Aaron Smith
Company Name:	CLAYTON GROUP SERVICES
Project Name:	15-03095.14-007
Site Name:	Hartford Working Group
Well ID:	HMW-49C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [mg/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	10 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER PUMP
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	41 [ft]
Well Depth:	39.23 [ft]
Well Diam:	2 [in]
Screen Len:	111.5 [in]
Screen Depth:	29.9 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	27.04 [ft]
Pump Level (TOC):	35 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (183.0 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	300 [mL]
Actual Total Volume:	300 [mL]
Calculated Measurement Interval:	9000 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/23/2005	14:29:09
End date/time:	1/23/2005	14:36:20
Total Time:	0:07:11	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.49	-0.01	12.71	-2.05	8.38	0.22	1252.87	-0.72	62.39	-3.6	16.52	0.09	14:34:15
3	6.49	0	10.66	-2.05	8.14	-0.24	1255.44	2.57	58.81	-3.58	16.47	-0.05	14:34:45
2	6.49	0	8.77	-1.88	7.57	-0.57	1255.62	0.19	58.43	-0.38	16.52	0.05	14:35:16
1	6.48	0	6.98	-1.8	7.25	-0.32	1256.07	0.44	57.46	-0.97	16.39	-0.13	14:35:47
0	6.48	0	5.23	-1.75	6.99	-0.26	1255.3	-0.77	58.42	0.96	16.43	0.04	14:36:17

pH Min:	6.48
pH Max:	6.49
ORP Min:	5.23
ORP Max:	12.71
DO Min:	6.99
DO Max:	8.38
Cond Min:	1252.87
Cond Max:	1256.07
Turb Min:	57.46
Turb Max:	62.39
Temp Min:	16.39

Temp Max: 16.52

Notes:

Device Record:

In-Situ Inc. Troll 9000 Pro XP

Report generated: 3/2/2005 8:58:42
Report from file: ...\15-03095.14-007-Hartford Working Group-HMW-49C-1-23-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31923
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/23/2005 14:29:09
Test started on: 1/23/2005 14:29:09
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 15

TOTAL DATA SAMPLES 15

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name: Pressure
Sensor Range: 30 PSIG.
Specific gravity: 1
Mode: TOC
User-defined reference: 0 Feet H2O
Referenced on: test start
Pressure head at reference: -0.162 Feet H2O

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[2] Pressure Feet H2O	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/23/2005	14:29:10	1	58.74	0	30.016	97.9	2.915	53	6.85	5959	970.34
1/23/2005	14:29:40	31	60.12	0.044	30.017	76.5	2.941	44	6.71	6328	1016.09
1/23/2005	14:30:10	61	60.72	0.067	30.018	96.5	2.941	37	6.64	7469	1025.64
1/23/2005	14:30:41	92	60.94	0.077	30.018	73.9	2.915	33	6.59	8517	1031.67
1/23/2005	14:31:11	122	61.1	0.083	30.019	78	2.915	29	6.56	9151	1035.81
1/23/2005	14:31:42	153	61.11	0.088	30.019	77.2	2.915	26	6.54	9496	1037.34
1/23/2005	14:32:13	184	61.39	0.089	30.02	74.1	2.915	23	6.52	9492	1042.63
1/23/2005	14:32:43	214	61.55	0.092	30.021	89	2.915	20	6.52	9065	1044.19
1/23/2005	14:33:13	244	61.52	0.096	30.022	66.4	2.915	17	6.51	8572	1045.97
1/23/2005	14:33:44	275	61.58	0.096	30.022	66	2.915	15	6.5	8155	1048.43
1/23/2005	14:34:15	306	61.74	0.098	30.022	62.4	2.915	13	6.49	8380	1050.01
1/23/2005	14:34:45	336	61.65	0.099	30.023	58.8	2.915	11	6.49	8144	1050.91
1/23/2005	14:35:16	367	61.74	0.1	30.023	58.4	2.941	9	6.49	7573	1052.27
1/23/2005	14:35:47	398	61.51	0.1	30.023	57.5	2.915	7	6.48	7252	1049.58
1/23/2005	14:36:17	428	61.57	0.1	30.023	58.4	2.941	5	6.48	6987	1049.81

Operator Name:	Aaron Smith
Company Name:	CLAYTON GROUP SERVICES
Project Name:	15-03095.14-007
Site Name:	Hartford Working Group
Well ID:	HMW-49D

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [mg/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	10 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER PUMP
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	51 [ft]
Well Depth:	50.01 [ft]
Well Diam:	2 [in]
Screen Len:	115 [in]
Screen Depth:	41 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	30.55 [ft]
Pump Level (TOC):	46 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (227.6 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	344.64 [mL]
Actual Total Volume:	344.64 [mL]
Calculated Measurement Interval:	10340 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/23/2005	11:33:24
End date/time:	1/23/2005	11:58:42
Total Time:	0:25:18	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.4	0	-45.63	-0.38	3.17	-1.34	1151.04	2.87	30.27	3.28	15.63	0.03	11:56:16
3	6.4	0	-45.97	-0.34	2.88	-0.29	1151.75	0.71	30.81	0.54	15.68	0.06	11:56:45
2	6.4	0	-46.31	-0.34	2.84	-0.04	1151.68	-0.07	28.86	-1.95	15.65	-0.03	11:57:16
1	6.4	0	-46.66	-0.34	2.83	-0.01	1153.08	1.4	30.13	1.28	15.67	0.01	11:57:46
0	6.4	0	-47	-0.34	3.09	0.26	1154.22	1.15	30.16	0.03	15.66	0	11:58:17

pH Min:	6.4
pH Max:	6.4
ORP Min:	-47
ORP Max:	-45.63
DO Min:	2.83
DO Max:	3.17
Cond Min:	1151.04
Cond Max:	1154.22
Turb Min:	28.86
Turb Max:	30.81
Temp Min:	15.63

Temp Max: 15.68

Notes:

Device Record:

In-Situ Inc. Troll 9000 Pro XP

Report generated: 3/2/2005 9:01:04
Report from file: ...\15-03095.14-007-Hartford Working Group-HMW-49D-1-23-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31923
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/23/2005 11:33:24
Test started on: 1/23/2005 11:33:24
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 50

TOTAL DATA SAMPLES 50

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name: Pressure
Sensor Range: 30 PSIG.
Specific gravity: 1
Mode: TOC
User-defined reference: 0 Feet H2O
Referenced on: test start
Pressure head at reference: 0.018 Feet H2O

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[2] Pressure Feet H2O	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/23/2005	11:33:24	0	58.85	0	30.106	93	2.915	29	6.99	7256	780.95
1/23/2005	11:33:53	29	58.61	0	30.105	101.3	2.941	15	6.87	5633	784.07
1/23/2005	11:34:24	60	58.62	0.001	30.106	93.2	2.915	6	6.8	4749	816.25
1/23/2005	11:34:54	90	58.86	0.008	30.105	76.9	2.915	-1	6.74	5063	822.26
1/23/2005	11:35:25	121	59.15	0.165	30.106	68.3	2.915	-6	6.7	4313	830.75
1/23/2005	11:35:55	151	59.36	0.186	30.106	70.6	2.915	-11	6.66	4236	838.69
1/23/2005	11:36:27	183	59.43	0.196	30.106	60.2	2.915	-14	6.64	4013	844.9
1/23/2005	11:36:57	213	59.59	0.201	30.106	63.3	2.941	-17	6.61	4167	846.5
1/23/2005	11:37:28	244	59.75	0.206	30.107	58.9	2.915	-19	6.59	4151	855.5
1/23/2005	11:37:58	274	59.86	0.211	30.106	51.7	2.915	-21	6.57	4113	861.95
1/23/2005	11:38:28	304	60.01	0.217	30.106	48.5	2.941	-23	6.55	4066	864.08
1/23/2005	11:38:59	335	60.12	0.22	30.105	55.7	2.941	-25	6.54	3996	868.82
1/23/2005	11:39:29	365	59.97	0.222	30.105	48.2	2.915	-26	6.53	3980	872.07
1/23/2005	11:40:00	396	60.12	0.225	30.104	43.1	2.915	-27	6.51	3741	879.88
1/23/2005	11:40:32	428	60.13	0.226	30.103	46.6	2.915	-28	6.5	3705	880.51
1/23/2005	11:41:02	458	60.2	0.226	30.102	40	2.915	-30	6.49	3638	886.08
1/23/2005	11:41:33	489	60.17	0.229	30.102	43.1	2.941	-30	6.48	3843	886.24
1/23/2005	11:42:03	519	60.18	0.231	30.101	45.1	2.915	-31	6.48	3597	888.81
1/23/2005	11:42:33	549	60.4	0.232	30.102	41.9	2.915	-32	6.47	3748	892.21
1/23/2005	11:43:04	580	60.39	0.234	30.101	35.8	2.941	-33	6.46	3740	897.26
1/23/2005	11:43:34	610	60.28	0.237	30.101	32.5	2.941	-34	6.46	3742	899.73
1/23/2005	11:44:05	641	60.31	0.239	30.101	36.2	2.941	-35	6.45	3743	901.72
1/23/2005	11:44:35	671	60.34	0.238	30.101	35.6	2.941	-35	6.45	3421	903.71
1/23/2005	11:45:07	703	60.3	0.238	30.1	29	2.915	-36	6.44	3415	905.05
1/23/2005	11:45:37	733	60.25	0.239	30.1	30.1	2.941	-36	6.44	3362	911.77
1/23/2005	11:46:08	764	60.22	0.246	30.1	27.5	2.941	-37	6.43	3592	914.49
1/23/2005	11:46:37	793	60.34	0.243	30.1	26.8	2.941	-37	6.43	3557	917.74
1/23/2005	11:47:08	824	60.3	0.241	30.098	28.4	2.915	-38	6.42	3529	918.77
1/23/2005	11:47:38	854	60.16	0.245	30.098	29.8	2.941	-38	6.42	3540	921.01

1/23/2005	11:48:08	884	60.2	0.244	30.097	25.3	2.915	-39	6.42	3531	920.67
1/23/2005	11:48:39	915	60.17	0.242	30.097	28.4	2.941	-39	6.42	3520	922.75
1/23/2005	11:49:11	947	60.04	0.242	30.095	30.4	2.915	-40	6.41	3485	923.44
1/23/2005	11:49:41	977	60.01	0.244	30.096	27	2.915	-40	6.41	3449	927.63
1/23/2005	11:50:11	1007	60.01	0.242	30.094	25.2	2.941	-41	6.41	4438	929.56
1/23/2005	11:50:42	1038	60.03	0.243	30.095	27.8	2.915	-41	6.41	3339	931.32
1/23/2005	11:51:12	1068	60.12	0.243	30.094	26	2.915	-42	6.41	3301	933.45
1/23/2005	11:51:42	1098	60.08	0.244	30.094	28.3	2.915	-42	6.41	3281	934.87
1/23/2005	11:52:12	1128	60.19	0.24	30.094	29	2.941	-42	6.41	4225	936.11
1/23/2005	11:52:42	1158	60.25	0.239	30.094	30.2	2.915	-43	6.41	3009	938.8
1/23/2005	11:53:13	1189	60.27	0.239	30.094	29.3	2.915	-43	6.4	2960	942.04
1/23/2005	11:53:43	1219	60.39	0.238	30.095	31.1	2.915	-44	6.4	3201	943.85
1/23/2005	11:54:14	1250	60.33	0.235	30.093	26.3	2.915	-44	6.41	2919	940.96
1/23/2005	11:54:45	1281	60.23	0.238	30.093	30.4	2.915	-45	6.4	3205	943.31
1/23/2005	11:55:15	1311	60.31	0.233	30.092	28.8	2.915	-45	6.41	3174	943.49
1/23/2005	11:55:46	1342	60.07	0.239	30.091	27	2.915	-45	6.41	4510	941.86
1/23/2005	11:56:16	1372	60.13	0.237	30.092	30.3	2.915	-46	6.4	3171	944.94
1/23/2005	11:56:45	1401	60.23	0.239	30.092	30.8	2.941	-46	6.4	2882	946.76
1/23/2005	11:57:16	1432	60.17	0.243	30.091	28.9	2.915	-46	6.4	2844	946.04
1/23/2005	11:57:46	1462	60.2	0.241	30.092	30.1	2.915	-47	6.4	2830	947.5
1/23/2005	11:58:17	1493	60.2	0.24	30.092	30.2	2.941	-47	6.4	3085	948.41

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-50A

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	27 [ft]
Well Depth:	27.3 [ft]
Well Diam:	2 [in]
Screen Len:	120 [in]
Screen Depth:	17.3 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	6.26 [ft]
Pump Level (TOC):	22 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (260.6 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	377.62 [mL]
Actual Total Volume:	377.62 [mL]
Calculated Measurement Interval:	114 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/25/2005	9:53:32
End date/time:	1/25/2005	10:02:29
Total Time:	0:08:57	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.69	0	42.61	-4.11	6835.07	-86.11	1200.94	0.82	270.23	1.79	55.35	0.09	10:00:07
3	6.7	0.01	38.63	-3.98	6722.25	-112.82	1199.41	-1.53	285.93	15.7	55.63	0.28	10:00:37
2	6.7	0	35.04	-3.59	6636.26	-85.98	1199.94	0.53	299.06	13.13	55.76	0.13	10:01:08
1	6.7	0	31.91	-3.12	6531.53	-104.73	1199.19	-0.75	273.12	-25.95	56.04	0.28	10:01:39
0	6.7	0	28.88	-3.04	6430.6	-100.93	1199.96	0.77	278.92	5.81	56.17	0.13	10:02:09

pH Min:	6.69
pH Max:	6.7
ORP Min:	28.88
ORP Max:	42.61
DO Min:	6430.6
DO Max:	6835.07
Cond Min:	1199.19
Cond Max:	1200.94
Turb Min:	270.23
Turb Max:	299.06
Temp Min:	55.35

Temp Max: 56.17

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/8/2005 9:34:39
Report from file: ...\Hartford Working Group-15-03095.15.003-MP-34C-1-25-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/25/2005 9:53:32
Test started on: 1/25/2005 9:53:32
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 18

TOTAL DATA SAMPLES 18

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/25/2005	9:53:32	0	52.11	29.392	119.5	2.681	127	6.69	9230	900.83
1/25/2005	9:54:02	30	53.55	29.392	147.9	2.681	117	6.66	6451	921.78
1/25/2005	9:54:32	60	53.91	29.391	129.7	2.681	105	6.69	7805	915.47
1/25/2005	9:55:02	90	54.04	29.392	157.1	2.681	97	6.69	8271	913.51
1/25/2005	9:55:33	121	54.15	29.391	153	2.681	89	6.69	8118	911.56
1/25/2005	9:56:04	152	54.68	29.391	171	2.655	82	6.69	7863	916.56
1/25/2005	9:56:34	182	55.04	29.39	202.8	2.655	77	6.69	7614	921.25
1/25/2005	9:57:05	213	55.22	29.39	209.3	2.681	71	6.69	7445	923.44
1/25/2005	9:57:35	243	55.01	29.389	213.7	2.655	66	6.69	7365	922.89
1/25/2005	9:58:06	274	54.99	29.389	245.7	2.655	61	6.69	7258	920.72
1/25/2005	9:58:36	304	55.19	29.389	279.5	2.655	56	6.69	7114	922.17
1/25/2005	9:59:06	334	55.36	29.39	304.9	2.629	51	6.69	6995	924.54
1/25/2005	9:59:36	364	55.26	29.389	268.4	2.629	47	6.69	6921	923.27
1/25/2005	10:00:07	395	55.35	29.389	270.2	2.681	43	6.69	6835	925.1
1/25/2005	10:00:37	425	55.63	29.389	285.9	2.681	39	6.7	6722	927.48
1/25/2005	10:01:08	456	55.76	29.388	299.1	2.681	35	6.7	6636	929.51
1/25/2005	10:01:39	487	56.04	29.388	273.1	2.655	32	6.7	6531	932.48
1/25/2005	10:02:09	517	56.17	29.389	278.9	2.655	29	6.7	6431	934.71

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	HMW-50C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	55 [ft]
Well Depth:	55 [ft]
Well Diam:	2 [in]
Screen Len:	120 [in]
Screen Depth:	45 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	33.33 [ft]
Pump Level (TOC):	50 [ft]
Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (530.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	647.9 [mL]
Actual Total Volume:	647.9 [mL]
Calculated Measurement Interval:	195 [sec]
Actual Measurement Interval:	30 [sec]
Start date/time:	1/25/2005 8:11:07
End date/time:	1/25/2005 8:20:44
Total Time:	0:09:37

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.84	-0.01	-138.39	-0.52	542.06	-68.95	3436.83	48.16	116.07	-23.6	56.73	-0.03	8:18:11
3	6.83	-0.01	-138.95	-0.56	482.95	-59.11	3480.03	43.2	120.85	4.78	56.74	0.02	8:18:41
2	6.83	-0.01	-139.42	-0.47	438.86	-44.09	3508.37	28.34	118.06	-2.79	56.84	0.09	8:19:12
1	6.83	0	-140.24	-0.82	393.63	-45.23	3529.55	21.18	115.7	-2.36	57.05	0.21	8:19:42
0	6.82	0	-140.72	-0.47	360.17	-33.46	3537.3	7.75	107.09	-8.6	57.19	0.15	8:20:13

pH Min:	6.82
pH Max:	6.84
ORP Min:	-140.72
ORP Max:	-138.39
DO Min:	360.17
DO Max:	542.06
Cond Min:	3436.83
Cond Max:	3537.3
Turb Min:	107.09
Turb Max:	120.85
Temp Min:	56.73

Temp Max: 57.19

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/8/2005 9:38:57
Report from file: ...\Hartford Working Group-15-03095.15.003-HMW-50C-7-1-2003.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 7/1/2003 8:11:07
Test started on: 7/1/2003 8:11:07
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 19

TOTAL DATA SAMPLES 19

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP milllivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
7/1/2003	8:11:07	0	54.79	29.35	8.8	2.681	39	7.96	17935	1276.96
7/1/2003	8:11:36	29	56.08	29.349	23.1	2.681	16	7.88	14809	1267.97
7/1/2003	8:12:06	59	55.9	29.348	113.8	2.681	-27	7.74	12364	1437.34
7/1/2003	8:12:37	90	56.15	29.347	196.2	2.681	-92	7.29	7233	1989.57
7/1/2003	8:13:07	120	56.36	29.347	217.6	2.681	-114	7.08	4157	2052.35
7/1/2003	8:13:38	151	56.51	29.346	188	2.629	-123	6.99	2768	2116.34
7/1/2003	8:14:08	181	56.57	29.344	217.5	2.681	-128	6.94	2058	2222.82
7/1/2003	8:14:39	212	56.64	29.345	217.9	2.655	-130	6.91	1607	2298.06
7/1/2003	8:15:09	242	56.71	29.342	215.6	2.681	-133	6.89	1305	2409.17
7/1/2003	8:15:39	272	56.68	29.34	208.1	2.681	-134	6.88	1088	2489.82
7/1/2003	8:16:11	304	56.79	29.34	188.4	2.655	-135	6.87	919	2532.86
7/1/2003	8:16:40	333	56.66	29.339	177.2	2.681	-136	6.86	795	2573.15
7/1/2003	8:17:10	363	56.68	29.339	155.7	2.629	-137	6.85	693	2620.61
7/1/2003	8:17:41	394	56.76	29.338	139.7	2.681	-138	6.84	611	2660.75
7/1/2003	8:18:11	424	56.73	29.335	116.1	2.629	-138	6.84	542	2697.46
7/1/2003	8:18:41	454	56.74	29.335	120.9	2.681	-139	6.83	483	2732.01
7/1/2003	8:19:12	485	56.84	29.334	118.1	2.629	-139	6.83	439	2757.69
7/1/2003	8:19:42	515	57.04	29.334	115.7	2.655	-140	6.83	394	2782.2
7/1/2003	8:20:13	546	57.19	29.334	107.1	2.655	-141	6.82	360	2793.76

Operator Name:	Aaron Smith
Company Name:	CLAYTON GROUP SERVICES
Project Name:	15-03095.14-007
Site Name:	Hartford Working Group
Well ID:	HMW-51C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [mg/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	10 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER PUMP
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	39 [ft]
Well Depth:	42.06 [ft]
Well Diam:	2 [in]
Screen Len:	176.5 [in]
Screen Depth:	27.5 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	24.11 [ft]
Pump Level (TOC):	34 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (174.1 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	291.07 [mL]
Actual Total Volume:	291.07 [mL]
Calculated Measurement Interval:	8733 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/23/2005	10:11:27
End date/time:	1/23/2005	10:20:05
Total Time:	0:08:38	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	5.69	0.04	40.75	-0.68	5.38	-0.15	1371.58	2.48	1129.09	35.52	14.7	0.01	10:17:32
3	5.7	0.01	39.55	-1.2	5.3	-0.08	1370.29	-1.29	968.19	-160.9	14.72	0.02	10:18:03
2	5.69	-0.01	39.34	-0.21	5.21	-0.09	1367.53	-2.75	1282.77	314.59	14.75	0.03	10:18:34
1	5.7	0.01	38.7	-0.64	5.21	0	1368.01	0.48	1198.58	-84.19	14.78	0.03	10:19:05
0	5.7	0	38.31	-0.38	5.18	-0.04	1367.65	-0.36	1325.7	127.11	14.74	-0.04	10:19:35

pH Min:	5.69
pH Max:	5.7
ORP Min:	38.31
ORP Max:	40.75
DO Min:	5.18
DO Max:	5.38
Cond Min:	1367.53
Cond Max:	1371.58
Turb Min:	968.19
Turb Max:	1325.7
Temp Min:	14.7

Temp Max: 14.78

Notes:

Device Record:

In-Situ Inc. Troll 9000 Pro XP

Report generated: 3/2/2005 9:03:04
Report from file: ...\15-03095.14-007-Hartford Working Group-HMW-51C-1-23-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31923
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/23/2005 10:11:27
Test started on: 1/23/2005 10:11:27
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 17

TOTAL DATA SAMPLES 17

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name: Pressure
Sensor Range: 30 PSIG.
Specific gravity: 1
Mode: TOC
User-defined reference: 0 Feet H2O
Referenced on: test start
Pressure head at reference: 0.255 Feet H2O

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[2] Pressure Feet H2O	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/23/2005	10:11:27	0	57.32	0	30.152	747.5	2.915	72	5.93	6309	1075.44
1/23/2005	10:11:57	30	57.81	-0.004	30.152	1023.3	2.915	54	5.84	5699	1088.06
1/23/2005	10:12:27	60	57.97	-0.033	30.152	875.4	2.915	48	5.8	5762	1091.68
1/23/2005	10:12:57	90	58.11	0.04	30.152	1188.2	2.941	45	5.77	5784	1093.62
1/23/2005	10:13:28	121	58.12	0.218	30.153	1128	2.915	44	5.74	6023	1093.38
1/23/2005	10:13:58	151	58.26	-0.029	30.153	1124.1	2.941	43	5.74	6032	1096.3
1/23/2005	10:14:30	183	58.33	-0.012	30.153	1059.5	2.915	42	5.74	6215	1096.79
1/23/2005	10:15:01	214	58.32	-0.001	30.154	1165	2.915	41	5.72	6169	1096.55
1/23/2005	10:15:31	244	58.34	0.007	30.155	1148.9	2.915	41	5.71	5970	1096.79
1/23/2005	10:16:01	274	58.38	-0.025	30.155	1032	2.915	40	5.72	5910	1098.02
1/23/2005	10:16:31	304	58.44	0.076	30.155	1230.5	2.915	40	5.72	5882	1098.51
1/23/2005	10:17:02	335	58.44	0.06	30.156	1093.6	2.915	41	5.65	5533	1099.49
1/23/2005	10:17:32	365	58.46	0.028	30.156	1129.1	2.941	41	5.69	5378	1101.71
1/23/2005	10:18:03	396	58.5	-0.06	30.156	968.2	2.915	40	5.7	5302	1101.22
1/23/2005	10:18:34	427	58.55	-0.066	30.156	1282.8	2.941	39	5.69	5215	1099.74
1/23/2005	10:19:05	458	58.6	-0.002	30.156	1198.6	2.915	39	5.7	5212	1100.98
1/23/2005	10:19:35	488	58.54	-0.015	30.156	1325.7	2.915	38	5.7	5175	1099.75

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	HMW-52C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	38.4 [ft]
Well Depth:	39.43 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	24.43 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	25.88 [ft]
Pump Level (TOC):	32 [ft]
Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (171.4 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	288.4 [mL]
Actual Total Volume:	288.4 [mL]
Calculated Measurement Interval:	8652 [sec]
Actual Measurement Interval:	30 [sec]
Start date/time:	1/23/2005 14:23:57
End date/time:	1/23/2005 14:34:33
Total Time:	0:10:36

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.64	0	-44.81	-0.64	118.09	-4.15	1363.08	-0.39	324.35	0.58	57.48	-0.09	14:32:04
3	6.64	0	-45.45	-0.64	119.16	1.06	1362.86	-0.22	286.28	-38.07	57.23	-0.25	14:32:35
2	6.64	0	-45.88	-0.42	115.14	-4.02	1363.8	0.94	302.61	16.33	57.08	-0.15	14:33:05
1	6.65	0	-46.34	-0.47	116.25	1.11	1363.98	0.19	316.6	13.99	56.81	-0.27	14:33:35
0	6.65	0	-46.64	-0.3	122.65	6.4	1363.07	-0.92	315.19	-1.41	56.41	-0.4	14:34:05

pH Min:	6.64
pH Max:	6.65
ORP Min:	-46.64
ORP Max:	-44.81
DO Min:	115.14
DO Max:	122.65
Cond Min:	1362.86
Cond Max:	1363.98
Turb Min:	286.28
Turb Max:	324.35
Temp Min:	56.41

Temp Max: 57.48

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 15:49:47
Report from file: ...\Hartford-15-03095.14.007-HMW-52C-1-23-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/23/2005 14:23:57
Test started on: 1/23/2005 14:23:57
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 21

TOTAL DATA SAMPLES 21

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/23/2005	14:23:57	0	57.43	29.995	347.1	2.733	-19	6.59	1084	1071.78
1/23/2005	14:24:28	31	57.44	29.994	309.6	2.733	-22	6.59	771	1075.52
1/23/2005	14:24:58	61	57.91	29.995	287.1	2.733	-25	6.59	575	1080.25
1/23/2005	14:25:28	91	57.72	29.995	325.1	2.733	-28	6.6	463	1078.83
1/23/2005	14:25:59	122	57.69	29.996	365.9	2.759	-30	6.6	385	1080.49
1/23/2005	14:26:29	152	57.81	29.995	333.3	2.759	-32	6.61	314	1077.89
1/23/2005	14:27:00	183	57.61	29.996	331.2	2.759	-34	6.61	270	1078.6
1/23/2005	14:27:30	213	57.85	29.997	350.8	2.759	-35	6.61	226	1082.63
1/23/2005	14:28:01	244	58.04	29.997	329.7	2.733	-37	6.61	207	1084.3
1/23/2005	14:28:31	274	58.16	29.997	329.2	2.733	-38	6.62	183	1086.46
1/23/2005	14:29:02	305	58.15	29.999	323.2	2.733	-39	6.62	170	1085.27
1/23/2005	14:29:32	335	58.21	29.999	303.3	2.733	-41	6.63	160	1088.15
1/23/2005	14:30:03	366	58.43	29.999	300.8	2.733	-41	6.63	146	1087.91
1/23/2005	14:30:33	396	58.21	29.999	293.7	2.733	-43	6.63	133	1091.77
1/23/2005	14:31:04	427	57.77	30	295.8	2.759	-43	6.64	135	1085.76
1/23/2005	14:31:34	457	57.57	29.999	323.8	2.733	-44	6.64	122	1082.42
1/23/2005	14:32:04	487	57.48	30	324.3	2.733	-45	6.64	118	1080.76
1/23/2005	14:32:35	518	57.23	30.001	286.3	2.733	-45	6.64	119	1076.97
1/23/2005	14:33:05	548	57.08	30.001	302.6	2.733	-46	6.64	115	1075.57
1/23/2005	14:33:35	578	56.81	30.001	316.6	2.733	-46	6.65	116	1071.82
1/23/2005	14:34:05	608	56.41	30.002	315.2	2.733	-47	6.65	123	1065.33

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-30C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	44 [ft]
Well Depth:	44.98 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	29.98 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	30.37 [ft]
Pump Level (TOC):	38 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (196.4 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	313.39 [mL]
Actual Total Volume:	313.39 [mL]
Calculated Measurement Interval:	*9402 [sec]*
Actual Measurement Interval:	30 [sec]

Start date/time:	1/23/2005	16:24:56
End date/time:	1/23/2005	16:38:06
Total Time:	0:13:10	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.65	0	-71.9	-0.81	170.57	-4.55	1328.01	-0.22	127.38	10.26	58.04	0.03	16:35:35
3	6.65	0	-72.67	-0.76	159.86	-10.71	1324.67	-3.35	103.86	-23.52	58.39	0.35	16:36:06
2	6.65	0.01	-73.56	-0.89	146.49	-13.36	1320.66	-4	98.95	-4.91	58.38	-0.02	16:36:37
1	6.65	0	-74.15	-0.59	142.28	-4.22	1326.29	5.62	102.48	3.53	58.35	-0.03	16:37:08
0	6.65	-0.01	-74.4	-0.25	136.85	-5.43	1326.32	0.04	105.33	2.85	58.61	0.26	16:37:38

pH Min:	6.65
pH Max:	6.65
ORP Min:	-74.4
ORP Max:	-71.9
DO Min:	136.85
DO Max:	170.57
Cond Min:	1320.66
Cond Max:	1328.01
Turb Min:	98.95
Turb Max:	127.38
Temp Min:	58.04

Temp Max: 58.61

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 15:55:36
Report from file: ...\Hartford-15-03095.14.007-MP-30C-1-23-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/23/2005 16:24:56
Test started on: 1/23/2005 16:24:56
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 24

TOTAL DATA SAMPLES 24

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/23/2005	16:24:56	0	41.78	29.967	82.4	2.733	-50	7.01	4034	827.79
1/23/2005	16:25:26	30	49.89	29.967	175.1	2.759	-52	6.9	3058	980.28
1/23/2005	16:25:56	60	52.91	29.967	270.8	2.733	-54	6.81	2290	979.89
1/23/2005	16:26:27	91	53.62	29.967	180.9	2.707	-56	6.77	1595	998.58
1/23/2005	16:26:59	123	54.44	29.968	223.1	2.733	-56	6.74	1186	1015.89
1/23/2005	16:27:29	153	55	29.968	186.2	2.707	-58	6.7	879	1029.49
1/23/2005	16:28:00	184	54.95	29.969	188.3	2.707	-59	6.69	674	1028.2
1/23/2005	16:28:31	215	54.37	29.97	169	2.733	-60	6.68	573	1012.35
1/23/2005	16:29:00	244	54.42	29.97	155.9	2.733	-61	6.68	475	1014.64
1/23/2005	16:29:31	275	54.07	29.971	152.2	2.707	-62	6.68	418	1012.77
1/23/2005	16:30:01	305	53.74	29.97	148.4	2.759	-63	6.68	375	1008.2
1/23/2005	16:31:30	394	52.87	29.97	146.7	2.733	-65	6.69	300	992.36
1/23/2005	16:32:01	425	54.16	29.97	133.4	2.733	-66	6.66	340	1013.82
1/23/2005	16:32:31	455	55.4	29.969	110.5	2.733	-67	6.65	328	1024.58
1/23/2005	16:33:03	487	57.08	29.969	132.3	2.733	-68	6.65	288	1053.53
1/23/2005	16:33:34	518	57.2	29.969	97.8	2.733	-69	6.65	254	1052.18
1/23/2005	16:34:04	548	57.74	29.968	111.4	2.733	-69	6.64	223	1054.21
1/23/2005	16:34:34	578	57.44	29.968	105.2	2.707	-70	6.64	206	1059.2
1/23/2005	16:35:05	609	58.01	29.968	117.1	2.733	-71	6.65	175	1060.58
1/23/2005	16:35:35	639	58.04	29.969	127.4	2.707	-72	6.65	171	1060.81
1/23/2005	16:36:06	670	58.39	29.97	103.9	2.733	-73	6.65	160	1063.1
1/23/2005	16:36:37	701	58.38	29.969	99	2.707	-74	6.65	146	1059.67
1/23/2005	16:37:08	732	58.35	29.97	102.5	2.707	-74	6.65	142	1063.8
1/23/2005	16:37:38	762	58.61	29.97	105.3	2.707	-74	6.65	137	1067.49

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	MP-31C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	37 [ft]
Well Depth:	38 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	23 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	26.05 [ft]
Pump Level (TOC):	30.5 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (357.2 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	474.15 [mL]
Actual Total Volume:	474.15 [mL]
Calculated Measurement Interval:	143 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/24/2005	9:32:00
End date/time:	1/24/2005	9:40:03
Total Time:	0:08:03	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.57	0	-87.76	-1.11	141.7	-19.84	1203.53	-0.79	708.72	-45.64	59.09	0.08	9:37:33
3	6.57	0	-88.95	-1.2	146.66	4.96	1203.53	0	744.22	35.51	59.12	0.03	9:38:03
2	6.58	0	-89.98	-1.02	152.71	6.05	1209.08	5.55	747.93	3.71	58.92	-0.21	9:38:33
1	6.57	0	-90.79	-0.81	152.6	-0.11	1208.2	-0.88	737.19	-10.74	58.99	0.07	9:39:03
0	6.57	0	-91.47	-0.68	152.35	-0.25	1208.85	0.65	721.59	-15.6	59.09	0.1	9:39:34

pH Min:	6.57
pH Max:	6.58
ORP Min:	-91.47
ORP Max:	-87.76
DO Min:	141.7
DO Max:	152.71
Cond Min:	1203.53
Cond Max:	1209.08
Turb Min:	708.72
Turb Max:	747.93
Temp Min:	58.92

Temp Max: 59.12

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 16:22:11
Report from file: ...\Hartford Working Group-15-03095.15.003-MP-31C-1-24-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/24/2005 9:32:00
Test started on: 1/24/2005 9:32:00
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 16

TOTAL DATA SAMPLES 16

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/24/2005	9:32:00	0	55.58	29.627	554	2.681	-26	6.51	5422	877.18
1/24/2005	9:32:30	30	57.41	29.626	722.9	2.655	-48	6.52	2733	945.55
1/24/2005	9:33:00	60	57.43	29.626	705.4	2.655	-61	6.54	1561	953.23
1/24/2005	9:33:30	90	58.17	29.625	735	2.629	-68	6.54	937	959.86
1/24/2005	9:34:00	120	58.77	29.626	694.2	2.629	-73	6.54	642	966.38
1/24/2005	9:34:31	151	58.66	29.625	792.1	2.655	-76	6.55	481	966.77
1/24/2005	9:35:01	181	58.65	29.626	811.7	2.655	-79	6.55	372	966.97
1/24/2005	9:35:31	211	58.9	29.627	770.3	2.655	-81	6.55	290	970.37
1/24/2005	9:36:01	241	58.99	29.626	801.8	2.681	-83	6.56	230	973.8
1/24/2005	9:36:33	273	58.68	29.626	800.5	2.655	-85	6.57	188	972.18
1/24/2005	9:37:03	303	59.01	29.626	754.4	2.681	-87	6.57	162	974.41
1/24/2005	9:37:33	333	59.09	29.627	708.7	2.681	-88	6.57	142	974.82
1/24/2005	9:38:03	363	59.12	29.627	744.2	2.681	-89	6.57	147	975.23
1/24/2005	9:38:33	393	58.92	29.628	747.9	2.655	-90	6.58	153	977.06
1/24/2005	9:39:03	423	58.99	29.627	737.2	2.655	-91	6.57	153	977.26
1/24/2005	9:39:34	454	59.09	29.627	721.6	2.681	-91	6.57	152	979.1

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	MP-32C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	47 [ft]
Well Depth:	48.3 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	33.3 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	28.68 [ft]
Pump Level (TOC):	40.8 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (453.7 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	570.68 [mL]
Actual Total Volume:	570.68 [mL]
Calculated Measurement Interval:	172 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/24/2005	14:26:42
End date/time:	1/24/2005	14:38:49
Total Time:	0:12:07	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.59	0	-107.22	-0.39	2952.14	-489.65	1495.62	2.02	648.89	19.31	61.02	0.08	14:36:18
3	6.59	0	-107.86	-0.64	2452.48	-499.66	1490.52	-5.1	591.34	-57.56	61.01	0	14:36:48
2	6.6	0	-108.54	-0.69	2189.9	-262.57	1485.61	-4.91	552.98	-38.36	61.27	0.26	14:37:19
1	6.6	0.01	-109.44	-0.9	2798.17	608.27	1487.86	2.25	560.28	7.31	61.3	0.03	14:37:49
0	6.62	0.02	-110.94	-1.5	2913.98	115.8	1498.79	10.93	586.82	26.54	61.18	-0.12	14:38:19

pH Min:	6.59
pH Max:	6.62
ORP Min:	-110.94
ORP Max:	-107.22
DO Min:	2189.9
DO Max:	2952.14
Cond Min:	1485.61
Cond Max:	1498.79
Turb Min:	552.98
Turb Max:	648.89
Temp Min:	61.01

Temp Max: 61.3

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 16:23:47
Report from file: ...\Hartford Working Group-15-03095.15:003-MP-32C-1-24-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/24/2005 14:26:42
Test started on: 1/24/2005 14:26:42
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 24

TOTAL DATA SAMPLES 24

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/24/2005	14:26:42	0	60.43	29.479	306.3	2.707	-83	6.87	6550	1205.37
1/24/2005	14:27:11	29	60.78	29.479	792.6	2.707	-90	6.74	3236	1181.71
1/24/2005	14:27:42	60	60.64	29.479	802.6	2.681	-92	6.67	1912	1197.68
1/24/2005	14:28:12	90	60.84	29.478	784.2	2.681	-95	6.65	1216	1208.46
1/24/2005	14:28:43	121	60.95	29.479	806.2	2.655	-95	6.62	883	1213.45
1/24/2005	14:29:13	151	60.98	29.479	821.6	2.681	-96	6.61	646	1213.13
1/24/2005	14:29:43	181	60.9	29.478	685.9	2.681	-97	6.6	522	1215.96
1/24/2005	14:30:14	212	60.93	29.477	756.7	2.707	-98	6.59	516	1217.21
1/24/2005	14:30:44	242	61.07	29.477	699.3	2.681	-99	6.59	607	1217.21
1/24/2005	14:31:16	274	61.3	29.478	704.7	2.681	-101	6.61	611	1220.37
1/24/2005	14:31:46	304	61.38	29.477	692.2	2.681	-102	6.61	591	1224.18
1/24/2005	14:32:15	333	61.41	29.476	693.3	2.655	-103	6.61	513	1234.8
1/24/2005	14:32:46	364	61.31	29.476	672.8	2.681	-104	6.61	450	1233.5
1/24/2005	14:33:16	394	61.25	29.476	660.2	2.681	-104	6.61	447	1234.14
1/24/2005	14:33:46	424	61.14	29.475	682.7	2.655	-105	6.61	434	1238.37
1/24/2005	14:34:17	455	61.15	29.474	710.4	2.681	-106	6.6	512	1238.69
1/24/2005	14:34:47	485	61.01	29.474	669.4	2.655	-106	6.6	3384	1239.67
1/24/2005	14:35:17	515	60.93	29.474	637.9	2.681	-107	6.6	3781	1240.98
1/24/2005	14:35:47	545	60.94	29.474	629.6	2.681	-107	6.59	3442	1239.01
1/24/2005	14:36:18	576	61.02	29.473	648.9	2.681	-107	6.59	2952	1241.95
1/24/2005	14:36:48	606	61.01	29.473	591.3	2.681	-108	6.59	2452	1237.69
1/24/2005	14:37:19	637	61.27	29.473	553	2.681	-109	6.6	2190	1237.69
1/24/2005	14:37:49	667	61.3	29.473	560.3	2.681	-109	6.6	2798	1239.98
1/24/2005	14:38:19	697	61.18	29.473	586.8	2.655	-111	6.62	2914	1247.22

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-33D

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	43.25 [ft]
Well Depth:	44.25 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	29.25 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	28.98 [ft]
Pump Level (TOC):	37 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (193.0 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	310.04 [mL]
Actual Total Volume:	310.04 [mL]
Calculated Measurement Interval:	9302 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/24/2005	14:41:22
End date/time:	1/24/2005	15:00:43
Total Time:	0:19:21	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.44	-0.01	-63.72	0.38	149.28	-4.03	1483.72	0.11	190.91	22.73	60.96	-0.05	14:58:40
3	6.44	0	-63.97	-0.26	152.82	3.54	1483.12	-0.6	123.9	-67.01	61.07	0.11	14:59:10
2	6.43	-0.01	-63.81	0.17	148.43	-4.39	1482.57	-0.55	115.9	-8	61.1	0.03	14:59:40
1	6.42	-0.01	-63.21	0.6	148.25	-0.18	1482.66	0.09	119.44	3.54	61.11	0.01	15:00:12
0	6.43	0.01	-63.9	-0.69	148.13	-0.12	1485.62	2.96	115.23	-4.21	61.11	0	15:00:42

pH Min:	6.42
pH Max:	6.44
ORP Min:	-63.97
ORP Max:	-63.21
DO Min:	148.13
DO Max:	152.82
Cond Min:	1482.57
Cond Max:	1485.62
Turb Min:	115.23
Turb Max:	190.91
Temp Min:	60.96

Temp Max: 61.11

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 16:25:10
Report from file: ...\Hartford-15-03095.14.007-MP-33D-1-24-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/24/2005 14:41:22
Test started on: 1/24/2005 14:41:22
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 39

TOTAL DATA SAMPLES 39

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/24/2005	14:41:22	0	59.93	29.505	144	2.733	-62	7.43	4035	1143.12
1/24/2005	14:41:51	29	60.59	29.506	150.1	2.733	-65	7.15	2127	1171.41
1/24/2005	14:42:23	61	60.81	29.506	128.9	2.733	-66	6.98	1257	1182.39
1/24/2005	14:42:53	91	61	29.506	123.8	2.733	-66	6.87	831	1189.82
1/24/2005	14:43:24	122	61.05	29.507	161	2.733	-67	6.8	581	1192.99
1/24/2005	14:43:55	153	61.1	29.507	141.5	2.733	-67	6.74	431	1199.1
1/24/2005	14:44:25	183	61	29.507	131.7	2.733	-67	6.7	341	1199.68
1/24/2005	14:44:56	214	60.96	29.506	136.4	2.733	-67	6.66	283	1201.74
1/24/2005	14:45:26	244	61.07	29.507	141.8	2.759	-66	6.63	245	1208.23
1/24/2005	14:45:56	274	61.13	29.506	145.5	2.733	-66	6.61	220	1208.82
1/24/2005	14:46:26	304	61.14	29.506	138.9	2.733	-67	6.61	203	1211.8
1/24/2005	14:46:58	336	61.1	29.506	99.6	2.733	-66	6.58	200	1212.69
1/24/2005	14:47:29	367	61.34	29.506	122.1	2.759	-66	6.57	202	1220.81
1/24/2005	14:47:59	397	61.27	29.506	145.6	2.733	-67	6.56	186	1220.21
1/24/2005	14:48:30	428	61.28	29.506	131.4	2.733	-66	6.54	178	1220.51
1/24/2005	14:49:00	458	61.23	29.506	153.9	2.733	-65	6.52	174	1221.42
1/24/2005	14:49:31	489	61.2	29.505	149.7	2.733	-65	6.51	170	1223.84
1/24/2005	14:50:01	519	61.31	29.506	140.7	2.759	-65	6.51	161	1227.2
1/24/2005	14:50:31	549	61.33	29.507	134	2.733	-66	6.51	157	1228.42
1/24/2005	14:51:01	579	61.29	29.506	114.6	2.759	-66	6.51	153	1229.96
1/24/2005	14:51:33	611	61.34	29.506	131.8	2.759	-66	6.51	148	1232.11
1/24/2005	14:52:03	641	61.26	29.505	132.2	2.759	-66	6.5	153	1230.57
1/24/2005	14:52:34	672	61.18	29.506	194.9	2.733	-66	6.49	149	1229.95
1/24/2005	14:53:05	703	61.2	29.505	178.4	2.733	-66	6.49	145	1232.42
1/24/2005	14:53:35	733	61.2	29.505	139.2	2.759	-66	6.49	145	1233.96
1/24/2005	14:54:06	764	61.09	29.505	189.5	2.733	-66	6.48	145	1230.87
1/24/2005	14:54:35	793	61.03	29.505	186.9	2.733	-65	6.46	141	1229.03
1/24/2005	14:55:06	824	61.04	29.504	198.1	2.733	-64	6.45	149	1230.56
1/24/2005	14:55:37	855	61.12	29.504	178.3	2.733	-64	6.44	145	1230.56
1/24/2005	14:56:08	886	61.2	29.504	187.2	2.733	-64	6.44	149	1233.33
1/24/2005	14:56:38	916	61.19	29.504	198.7	2.759	-64	6.45	144	1233.33
1/24/2005	14:57:09	947	61.22	29.504	175.7	2.733	-64	6.45	148	1233.32
1/24/2005	14:57:39	977	61.15	29.504	109.3	2.733	-64	6.44	153	1232.7
1/24/2005	14:58:10	1008	61	29.505	168.2	2.733	-64	6.45	153	1231.78
1/24/2005	14:58:40	1038	60.96	29.505	190.9	2.733	-64	6.44	149	1231.16
1/24/2005	14:59:10	1068	61.07	29.505	123.9	2.733	-64	6.44	153	1232.39
1/24/2005	14:59:40	1098	61.1	29.506	115.9	2.733	-64	6.43	148	1232.38
1/24/2005	15:00:12	1130	61.11	29.506	119.4	2.733	-63	6.42	148	1232.69
1/24/2005	15:00:42	1160	61.11	29.506	115.2	2.733	-64	6.43	148	1235.16

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	MP-34C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	42 [ft]
Well Depth:	43.8 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	28.8 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	29.49 [ft]
Pump Level (TOC):	36.3 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (405.4 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	522.42 [mL]
Actual Total Volume:	522.42 [mL]
Calculated Measurement Interval:	157 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/24/2005	15:53:29
End date/time:	1/24/2005	16:01:58
Total Time:	0:08:29	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.56	0	-95.51	-0.95	257.71	-14.34	1339.5	-3.29	154.99	-0.29	61.18	0.02	15:59:32
3	6.56	0	-96.29	-0.77	261.43	3.71	1336.4	-3.1	150.66	-4.33	61.25	0.07	16:00:03
2	6.56	0	-96.89	-0.6	256.33	-5.09	1336.65	0.25	144.14	-6.52	61.27	0.02	16:00:33
1	6.56	0	-97.37	-0.47	270.32	13.99	1337.16	0.51	154.64	10.5	61.21	-0.07	16:01:04
0	6.56	0	-98.01	-0.65	270.61	0.28	1335.3	-1.86	155.69	1.06	61.13	-0.08	16:01:34

pH Min:	6.56
pH Max:	6.56
ORP Min:	-98.01
ORP Max:	-95.51
DO Min:	256.33
DO Max:	270.61
Cond Min:	1335.3
Cond Max:	1339.5
Turb Min:	144.14
Turb Max:	155.69
Temp Min:	61.13

Temp Max: 61.27

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 16:32:10
Report from file: ...\Hartford Working Group-15-03095.15.003-MP-34C-1-24-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/24/2005 15:53:29
Test started on: 1/24/2005 15:53:29
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 17

TOTAL DATA SAMPLES 17

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/24/2005	15:53:29	0	57.93	29.482	400.8	2.681	-84	6.78	6076	932.95
1/24/2005	15:53:58	29	60.24	29.483	272.1	2.681	-83	6.62	2798	1058.03
1/24/2005	15:54:28	59	60.74	29.482	252.3	2.681	-84	6.59	1557	1081.67
1/24/2005	15:54:59	90	60.81	29.482	223.2	2.681	-86	6.57	1008	1090.96
1/24/2005	15:55:29	120	60.96	29.482	197.1	2.655	-87	6.56	711	1104.29
1/24/2005	15:55:59	150	61.14	29.483	190.4	2.629	-88	6.55	551	1105.06
1/24/2005	15:56:30	181	61.15	29.481	193.5	2.681	-88	6.54	430	1110.54
1/24/2005	15:57:00	211	61.21	29.481	174.6	2.681	-90	6.55	369	1110.79
1/24/2005	15:57:31	242	61.25	29.482	184.6	2.681	-91	6.55	373	1112.36
1/24/2005	15:58:01	272	61.3	29.481	149.7	2.629	-93	6.56	350	1120.58
1/24/2005	15:58:31	302	61.26	29.481	153.5	2.681	-94	6.56	299	1120.57
1/24/2005	15:59:02	333	61.16	29.481	155.3	2.681	-95	6.56	272	1117.09
1/24/2005	15:59:32	363	61.18	29.48	155	2.655	-96	6.56	258	1114.69
1/24/2005	16:00:03	394	61.25	29.481	150.7	2.655	-96	6.56	261	1113.09
1/24/2005	16:00:33	424	61.27	29.481	144.1	2.681	-97	6.56	256	1113.61
1/24/2005	16:01:04	455	61.21	29.481	154.6	2.681	-97	6.56	270	1113.07
1/24/2005	16:01:34	485	61.13	29.48	155.7	2.681	-98	6.56	271	1110.43

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-38C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	38.5 [ft]
Well Depth:	38.95 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	23.95 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	25.75 [ft]
Pump Level (TOC):	31.5 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (171.8 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	288.84 [mL]
Actual Total Volume:	288.84 [mL]
Calculated Measurement Interval:	8666 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/25/2005	16:14:07
End date/time:	1/25/2005	16:23:44
Total Time:	0:09:37	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.71	0	-89.93	-1.28	161.13	-8.77	1886.64	0.64	100.34	-4.74	59.69	0	16:21:14
3	6.71	0	-91.08	-1.15	161.53	0.39	1888.19	1.56	119.63	19.29	59.65	-0.04	16:21:45
2	6.71	0	-92.23	-1.15	148.24	-13.29	1888.92	0.73	121.37	1.74	59.64	0	16:22:15
1	6.71	0	-93.26	-1.02	152.85	4.61	1891.53	2.61	125.84	4.47	59.66	0.02	16:22:46
0	6.71	0	-94.37	-1.11	144.32	-8.53	1893.78	2.25	122.74	-3.1	59.59	-0.07	16:23:16

pH Min:	6.71
pH Max:	6.71
ORP Min:	-94.37
ORP Max:	-89.93
DO Min:	144.32
DO Max:	161.53
Cond Min:	1886.64
Cond Max:	1893.78
Turb Min:	100.34
Turb Max:	125.84
Temp Min:	59.59

Temp Max:	59.69
Notes:	Peristaltic Pump. Model geo pump 2.
Device Record:	
In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	3/8/2005 9:06:29
Report from file:	...\Hartford-15-03095.14.007-MP-38C-1-25-2005.flo.bin
Win-Situ Version	4.51
Serial number:	31949
Firmware Version	1.46
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	1/25/2005 16:14:07
Test started on:	1/25/2005 16:14:07
Test stopped on:	N/A N/A
Data gathered using Event testing	
Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	19
TOTAL DATA SAMPLES	19
Channel number [1]	
Measurement type:	Temperature
Channel name:	
Channel number [3]	
Measurement type:	Barometric Pressure
Channel name:	
Channel number [4]	
Measurement type:	Turbidity
Channel name:	
Channel number [5]	
Measurement type:	Battery Voltage
Channel name:	
Channel number [11]	
Measurement type:	ORP
Channel name:	
Channel number [12]	
Measurement type:	pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/25/2005	16:14:07	0	59.52	29.222	50.8	2.733	-23	7.13	6460	1516.45
1/25/2005	16:14:36	29	60.09	29.222	51.6	2.733	-46	6.93	2886	1536.45
1/25/2005	16:15:07	60	60.17	29.221	52.2	2.759	-56	6.84	1480	1537.43
1/25/2005	16:15:37	90	60.25	29.221	55.3	2.759	-63	6.8	876	1538.9
1/25/2005	16:16:08	121	60.1	29.221	60.9	2.759	-68	6.77	609	1537.95
1/25/2005	16:16:39	152	60.06	29.221	60.6	2.759	-72	6.75	446	1537.97
1/25/2005	16:17:09	182	60.11	29.221	70	2.733	-75	6.74	357	1538.47
1/25/2005	16:17:40	213	60.04	29.221	75.3	2.759	-78	6.73	287	1538.97
1/25/2005	16:18:11	244	59.96	29.221	79.3	2.759	-80	6.72	243	1539.46
1/25/2005	16:18:41	274	59.85	29.22	82.3	2.759	-82	6.72	222	1538.03
1/25/2005	16:19:12	305	59.79	29.22	90.3	2.733	-84	6.71	209	1539.01
1/25/2005	16:19:42	335	59.74	29.22	91.1	2.733	-86	6.71	187	1538.54
1/25/2005	16:20:13	366	59.78	29.22	92.3	2.733	-87	6.71	178	1540
1/25/2005	16:20:43	396	59.69	29.219	105.1	2.733	-89	6.71	170	1539.53
1/25/2005	16:21:14	427	59.69	29.219	100.3	2.733	-90	6.71	161	1540.02
1/25/2005	16:21:45	458	59.65	29.22	119.6	2.733	-91	6.71	162	1540.52
1/25/2005	16:22:15	488	59.64	29.22	121.4	2.759	-92	6.71	148	1541.01
1/25/2005	16:22:46	519	59.66	29.219	125.8	2.733	-93	6.71	153	1543.45
1/25/2005	16:23:16	549	59.59	29.22	122.7	2.733	-94	6.71	144	1543.94

Operator Name:	Norman Bolivar
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-39B

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Peristaltic Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	26.95 [ft]
Well Depth:	26.2 [ft]
Well Diam:	1 [in]
Screen Len:	36 [in]
Screen Depth:	23.5 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	14.22 [ft]
Pump Level (TOC):	25.9 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume is user calculated.
Calculated Total Volume:	237.29 [mL]
Actual Total Volume:	30 [mL]
Calculated Measurement Interval:	900 [sec]
Actual Measurement Interval:	900 [sec]

Start date/time:	1/28/2005	10:13:33
End date/time:	1/28/2005	10:22:39
Total Time:	0:09:06	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.61	0	221.56	-0.15	222.69	-36.31	1085.88	2.84	18.69	-6.65	57.84	-0.02	10:19:35
3	6.61	0	221.54	-0.02	208.45	-14.25	1088.39	2.51	19.78	1.09	57.85	0.01	10:20:13
2	6.61	0	221.44	-0.1	193.72	-14.73	1086.84	-1.56	21.88	2.1	57.98	0.12	10:20:46
1	6.62	0	221.25	-0.19	188.68	-5.04	1088.26	1.43	19.75	-2.13	57.97	0	10:21:21
0	6.62	0.01	220.89	-0.36	179.65	-9.03	1091.55	3.29	22.14	2.39	57.85	-0.12	10:22:06

pH Min:	6.61
pH Max:	6.62
ORP Min:	220.89
ORP Max:	221.56
DO Min:	179.65
DO Max:	222.69
Cond Min:	1085.88
Cond Max:	1091.55
Turb Min:	18.69
Turb Max:	22.14
Temp Min:	57.84

Temp Max:	57.98
Notes:	
Device Record:	
In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	3/7/2005 14:51:47
Report from file:	...\Hartford-15-03095.14.007-MP-39B-1-28-2005.flo.bln
Win-Situ Version	4.51
Serial number:	31949
Firmware Version	1.46
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	1/28/2005 10:13:33
Test started on:	1/28/2005 10:13:33
Test stopped on:	N/A N/A
Data gathered using Event testing	
Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	13
TOTAL DATA SAMPLES	13
Channel number [1]	
Measurement type:	Temperature
Channel name:	
Channel number [3]	
Measurement type:	Barometric Pressure
Channel name:	
Channel number [4]	
Measurement type:	Turbidity
Channel name:	
Channel number [5]	
Measurement type:	Battery Voltage
Channel name:	
Channel number [11]	
Measurement type:	ORP
Channel name:	
Channel number [12]	
Measurement type:	pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/28/2005	10:13:33	0	50.6	29.972	1685.3	2.733	215	7.06	11224	765.01
1/28/2005	10:14:22	49	57.01	29.972	516.2	2.707	220	6.64	3987	846.02
1/28/2005	10:15:11	98	57.7	29.973	71.5	2.707	222	6.57	1512	857.54
1/28/2005	10:16:00	147	57.44	29.973	30.1	2.733	223	6.57	786	857.83
1/28/2005	10:16:38	185	57.64	29.973	24.4	2.733	222	6.58	556	862.25
1/28/2005	10:17:16	223	57.43	29.975	18.4	2.733	222	6.59	427	860.24
1/28/2005	10:18:01	268	57.95	29.975	25.1	2.733	222	6.6	331	863.14
1/28/2005	10:18:55	322	57.86	29.977	25.3	2.707	222	6.61	259	863.13
1/28/2005	10:19:35	362	57.84	29.977	18.7	2.733	222	6.61	223	865.13
1/28/2005	10:20:13	400	57.85	29.977	19.8	2.707	222	6.61	208	867.29
1/28/2005	10:20:46	433	57.98	29.979	21.9	2.707	221	6.61	194	867.43
1/28/2005	10:21:21	468	57.97	29.979	19.8	2.733	221	6.62	189	868.51
1/28/2005	10:22:06	513	57.85	29.978	22.1	2.707	221	6.62	180	869.75

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-40A

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Geo- Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	11.92 [ft]
Well Depth:	11.2 [ft]
Well Diam:	1 [in]
Screen Len:	60 [in]
Screen Depth:	6.5 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	9.68 [ft]
Pump Level (TOC):	11.92 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (53.2 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	170.2 [mL]
Actual Total Volume:	170.2 [mL]
Calculated Measurement Interval:	5106 [sec]
Actual Measurement Interval:	5106 [sec]

Start date/time:	1/25/2005	15:02:53
End date/time:	1/25/2005	15:10:48
Total Time:	0:07:55	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.98	-0.06	31.35	1.28	2302.24	-334.28	1207.15	-33.99	7.6	0.78	61.06	0.03	15:06:34
3	6.92	-0.06	32.51	1.15	1903.93	-398.31	1184.64	-22.5	8.24	0.64	61.08	0.03	15:07:12
2	6.88	-0.05	33.49	0.98	1553.8	-350.13	1170.63	-14.01	6.51	-1.73	61.11	0.02	15:07:55
1	6.83	-0.04	34.39	0.9	1225.38	-328.42	1168.3	-2.32	13.18	6.67	61.14	0.03	15:08:46
0	6.8	-0.03	34.9	0.51	896.92	-328.46	1175.64	7.33	3.98	-9.2	61.2	0.06	15:09:33

pH Min:	6.8
pH Max:	6.98
ORP Min:	31.35
ORP Max:	34.9
DO Min:	896.92
DO Max:	2302.24
Cond Min:	1168.3
Cond Max:	1207.15
Turb Min:	3.98
Turb Max:	13.18
Temp Min:	61.06

Temp Max:	61.2
Notes:	Peristaltic Pump. Model geo pump 2.
Device Record:	

In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	3/7/2005 14:42:41
Report from file:	...\Hartford-15-03095.14.007-MP-40A-1-25-2005.flo.bin
Win-Situ Version	4.51
Serial number:	31949
Firmware Version	1.46
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	1/25/2005 15:02:53
Test started on:	1/25/2005 15:02:53
Test stopped on:	N/A N/A

Data gathered using Event testing

Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	10

TOTAL DATA SAMPLES	10

Channel number [1]

Measurement type:	Temperature
Channel name:	

Channel number [3]

Measurement type:	Barometric Pressure
Channel name:	

Channel number [4]

Measurement type:	Turbidity
Channel name:	

Channel number [5]

Measurement type:	Battery Voltage
Channel name:	

Channel number [11]

Measurement type:	ORP
Channel name:	

Channel number [12]

Measurement type:	pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/25/2005	15:02:53	0	59.51	29.232	119.6	2.733	10	7.87	10140	1174.44
1/25/2005	15:04:09	76	61.08	29.232	20.5	2.733	23	7.38	3981	1164.11
1/25/2005	15:04:51	118	61.07	29.232	8.6	2.733	26	7.22	3401	1123.25
1/25/2005	15:05:25	152	61.03	29.231	8	2.733	28	7.13	3020	1074.69
1/25/2005	15:06:00	187	61.03	29.231	6.8	2.733	30	7.04	2637	1030.8
1/25/2005	15:06:34	221	61.06	29.231	7.6	2.759	31	6.98	2302	1002.93
1/25/2005	15:07:12	259	61.08	29.23	8.2	2.759	33	6.92	1904	984.58
1/25/2005	15:07:55	302	61.11	29.23	6.5	2.733	33	6.88	1554	973.23
1/25/2005	15:08:46	353	61.14	29.229	13.2	2.733	34	6.83	1225	971.68
1/25/2005	15:09:33	400	61.2	29.228	4	2.733	35	6.8	897	978.48

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-40C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	48.25 [ft]
Well Depth:	48.72 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	33.72 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	29.54 [ft]
Pump Level (TOC):	41.5 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (215.4 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	332.36 [mL]
Actual Total Volume:	332.36 [mL]
Calculated Measurement Interval:	9971 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/25/2005	14:05:00
End date/time:	1/25/2005	14:15:13
Total Time:	0:10:13	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.56	-0.01	-53.61	-0.59	232.35	-17.15	1770.56	3.17	60.35	-4.11	60.73	0	14:12:39
3	6.56	0	-54.33	-0.72	219.54	-12.81	1765.88	-4.68	68.46	8.11	60.72	0	14:13:10
2	6.56	0	-55.05	-0.72	220.02	0.48	1770.93	5.05	71.26	2.8	60.69	-0.04	14:13:40
1	6.56	0	-55.82	-0.77	215.68	-4.33	1769.67	-1.27	78.32	7.06	60.72	0.03	14:14:12
0	6.56	0	-56.46	-0.64	202.65	-13.03	1770.5	0.84	76.72	-1.59	60.75	0.03	14:14:43

pH Min:	6.56
pH Max:	6.56
ORP Min:	-56.46
ORP Max:	-53.61
DO Min:	202.65
DO Max:	232.35
Cond Min:	1765.88
Cond Max:	1770.93
Turb Min:	60.35
Turb Max:	78.32
Temp Min:	60.69

Temp Max: 60.75

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/8/2005 9:05:40
Report from file: ...\Hartford-15-03095.14.007-MP-40C-1-25-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/25/2005 14:05:00
Test started on: 1/25/2005 14:05:00
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 20

TOTAL DATA SAMPLES 20

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/25/2005	14:05:00	0	61.06	29.252	219.2	2.733	-26	7.09	2592	1418.73
1/25/2005	14:05:30	30	60.91	29.252	282.9	2.733	-31	6.93	1655	1467.65
1/25/2005	14:06:01	61	61.01	29.252	277.3	2.733	-35	6.82	1107	1484.13
1/25/2005	14:06:32	92	61.18	29.252	247.5	2.759	-38	6.75	805	1482.35
1/25/2005	14:07:03	123	61.07	29.253	214.3	2.759	-40	6.71	644	1475.67
1/25/2005	14:07:33	153	61.11	29.251	173.5	2.759	-42	6.67	532	1475.25
1/25/2005	14:08:04	184	60.99	29.251	168.8	2.759	-44	6.65	457	1473.49
1/25/2005	14:08:35	215	60.88	29.25	123.2	2.733	-45	6.63	393	1470.41
1/25/2005	14:09:05	245	60.89	29.249	128.2	2.733	-47	6.61	346	1469.1
1/25/2005	14:09:35	275	60.96	29.25	109	2.733	-48	6.6	324	1468.68
1/25/2005	14:10:06	306	60.82	29.248	93.8	2.733	-49	6.59	304	1465.18
1/25/2005	14:10:38	338	60.72	29.247	88.2	2.733	-50	6.58	297	1466.95
1/25/2005	14:11:09	369	60.79	29.247	74.8	2.733	-51	6.58	275	1455.63
1/25/2005	14:11:39	399	60.7	29.247	74.5	2.733	-52	6.57	262	1459.11
1/25/2005	14:12:10	430	60.73	29.244	64.5	2.759	-53	6.57	250	1462.18
1/25/2005	14:12:39	459	60.73	29.245	60.3	2.759	-54	6.56	232	1464.81
1/25/2005	14:13:10	490	60.72	29.244	68.5	2.759	-54	6.56	220	1460.89
1/25/2005	14:13:40	520	60.69	29.245	71.3	2.759	-55	6.56	220	1464.4
1/25/2005	14:14:12	552	60.72	29.245	78.3	2.733	-56	6.56	216	1463.97
1/25/2005	14:14:43	583	60.75	29.244	76.7	2.733	-56	6.56	203	1465.3

Operator Name:	Norman Bolivar
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-41B

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Peristaltic Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	26.76 [ft]
Well Depth:	25.76 [ft]
Well Diam:	1 [in]
Screen Len:	24 [in]
Screen Depth:	23.5 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	24.87 [ft]
Pump Level (TOC):	25 [ft]
Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume is user calculated.
Calculated Total Volume:	236.44 [mL]
Actual Total Volume:	30 [mL]
Calculated Measurement Interval:	900 [sec]
Actual Measurement Interval:	900 [sec]
Start date/time:	1/26/2005 15:27:14
End date/time:	1/26/2005 15:33:33
Total Time:	0:06:19

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.92	-0.06	-56.69	-3.78	602.41	-92.41	1098.51	-0.86	7.87	-0.13	61.01	0.05	15:30:25
3	6.88	-0.04	-59.62	-2.92	511.02	-91.39	1097.73	-0.78	5.26	-2.61	61.01	0	15:31:00
2	6.84	-0.03	-62.07	-2.45	419.12	-91.89	1096.85	-0.88	4.38	-0.88	61.04	0.03	15:31:36
1	6.81	-0.03	-64.14	-2.07	357.43	-61.69	1095.58	-1.27	3.45	-0.94	61.09	0.05	15:32:13
0	6.79	-0.02	-65.96	-1.82	330.13	-27.3	1094.41	-1.17	4.23	0.78	61.14	0.05	15:32:57

pH Min:	6.79
pH Max:	6.92
ORP Min:	-65.96
ORP Max:	-56.69
DO Min:	330.13
DO Max:	602.41
Cond Min:	1094.41
Cond Max:	1098.51
Turb Min:	3.45
Turb Max:	7.87
Temp Min:	61.01

Temp Max: 61.14

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 14:49:55
Report from file: ...\Hartford-15-03095.14.007-MP-41B-1-26-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: *LowFlow*

Test defined on: 1/26/2005 15:27:14
Test started on: 1/26/2005 15:27:14
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 9

TOTAL DATA SAMPLES 9

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/26/2005	15:27:14	0	57.76	29.652	45.8	2.733	36	8.46	9329	891.16
1/26/2005	15:28:45	91	61.18	29.654	6.6	2.759	-41	7.18	1104	915.45
1/26/2005	15:29:18	124	61.01	29.653	5.5	2.733	-48	7.06	816	913.38
1/26/2005	15:29:52	158	60.97	29.654	8	2.733	-53	6.98	695	912.35
1/26/2005	15:30:25	191	61.01	29.653	7.9	2.759	-57	6.92	602	912.17
1/26/2005	15:31:00	226	61.01	29.656	5.3	2.759	-60	6.88	511	911.47
1/26/2005	15:31:36	262	61.04	29.656	4.4	2.759	-62	6.84	419	911.12
1/26/2005	15:32:13	299	61.09	29.658	3.4	2.733	-64	6.81	357	910.6
1/26/2005	15:32:57	343	61.14	29.658	4.2	2.733	-66	6.79	330	910.25

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-41C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	44 [ft]
Well Depth:	44.51 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	29.5 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	29.05 [ft]
Pump Level (TOC):	37 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (196.4 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	313.39 [mL]
Actual Total Volume:	313.39 [mL]
Calculated Measurement Interval:	9402 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/25/2005	11:16:12
End date/time:	1/25/2005	11:26:20
Total Time:	0:10:08	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.48	-0.01	-56.3	0.18	186.72	-3.44	1362.92	4.21	784.09	-81.46	60.07	-0.1	11:23:51
3	6.46	-0.02	-55.65	0.65	178.57	-8.15	1364.01	1.09	795.61	11.52	60.01	-0.06	11:24:21
2	6.45	-0.01	-55.48	0.18	170.42	-8.15	1372.17	8.16	820.65	25.04	59.94	-0.07	11:24:52
1	6.45	-0.01	-55.25	0.22	165.45	-4.97	1375.12	2.95	765	-55.65	60.11	0.17	11:25:23
0	6.44	0	-55.29	-0.04	161.25	-4.2	1377.55	2.43	793.8	28.8	60.13	0.02	11:25:53

pH Min:	6.44
pH Max:	6.48
ORP Min:	-56.3
ORP Max:	-55.25
DO Min:	161.25
DO Max:	186.72
Cond Min:	1362.92
Cond Max:	1377.55
Turb Min:	765
Turb Max:	820.65
Temp Min:	59.94

Temp Max: 60.13

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/8/2005 9:04:51
Report from file: ...\Hartford-15-03095.14.007-MP-41C-1-25-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/25/2005 11:16:12
Test started on: 1/25/2005 11:16:12
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 20

TOTAL DATA SAMPLES 20

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/25/2005	11:16:12	0	58.33	29.366	750.6	2.707	-56	8.04	7317	1042.21
1/25/2005	11:16:41	29	59.17	29.365	950.5	2.733	-65	7.5	3768	1058.44
1/25/2005	11:17:12	60	59.6	29.365	981.7	2.707	-66	7.18	2021	1076.36
1/25/2005	11:17:42	90	59.73	29.364	1028.1	2.733	-65	6.99	1188	1082.08
1/25/2005	11:18:13	121	59.84	29.363	995.3	2.759	-63	6.86	800	1084.73
1/25/2005	11:18:44	152	59.93	29.363	1032.5	2.733	-62	6.77	580	1090.05
1/25/2005	11:19:14	182	60.01	29.363	1043.9	2.733	-61	6.71	432	1094.2
1/25/2005	11:19:46	214	59.97	29.363	1061.8	2.759	-60	6.65	344	1093.97
1/25/2005	11:20:16	244	59.97	29.361	1013.4	2.733	-59	6.61	291	1099.14
1/25/2005	11:20:46	274	60.04	29.36	970.3	2.733	-59	6.58	242	1103.36
1/25/2005	11:21:17	305	60.06	29.359	966.7	2.733	-58	6.55	229	1108.12
1/25/2005	11:21:48	336	60.05	29.359	942.8	2.733	-58	6.54	216	1113.67
1/25/2005	11:22:19	367	60.05	29.359	900	2.733	-57	6.52	208	1111.66
1/25/2005	11:22:49	397	60.13	29.359	897.1	2.759	-57	6.51	199	1114.2
1/25/2005	11:23:21	429	60.16	29.358	865.6	2.707	-56	6.49	190	1115.99
1/25/2005	11:23:51	459	60.07	29.357	784.1	2.733	-56	6.48	187	1118.04
1/25/2005	11:24:21	489	60.01	29.355	795.6	2.733	-56	6.46	179	1118.05
1/25/2005	11:24:52	520	59.93	29.355	820.7	2.707	-55	6.45	170	1123.7
1/25/2005	11:25:23	551	60.11	29.354	765	2.759	-55	6.45	165	1128.63
1/25/2005	11:25:53	581	60.13	29.354	793.8	2.733	-55	6.44	161	1130.99

Operator Name:	Norman Bolivar
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-42B

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Peristaltic Pump
Tubing Type:	PVC
Tubing Diam:	0.34 [in]
Tubing Length:	34 [ft]
Well Depth:	28.4 [ft]
Well Diam:	1 [in]
Screen Len:	24 [in]
Screen Depth:	26.4 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	25.86 [ft]
Pump Level (TOC):	28 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (607.0 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	724.03 [mL]
Actual Total Volume:	724.03 [mL]
Calculated Measurement Interval:	21721 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	2/1/2005	16:33:51
End date/time:	2/1/2005	16:42:29
Total Time:	0:08:38	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.59	-0.01	-47.74	-1.12	1346.11	-389.46	975.53	1.3	12.45	-5.37	58.63	-0.08	16:39:58
3	6.58	-0.01	-48.6	-0.86	1183.15	-162.95	974.57	-0.96	11.64	-0.82	58.62	-0.01	16:40:29
2	6.58	0	-49.42	-0.82	984.45	-198.71	975.07	0.5	9.52	-2.12	58.68	0.06	16:41:00
1	6.58	0	-50.15	-0.73	900.82	-83.63	975.56	0.49	10.39	0.87	58.75	0.07	16:41:30
0	6.58	0	-50.88	-0.73	899.6	-1.22	976.82	1.26	9	-1.39	58.78	0.04	16:42:00

pH Min:	6.58
pH Max:	6.59
ORP Min:	-50.88
ORP Max:	-47.74
DO Min:	899.6
DO Max:	1346.11
Cond Min:	974.57
Cond Max:	976.82
Turb Min:	9
Turb Max:	12.45
Temp Min:	58.62

Temp Max: 58.78

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 15:07:52
Report from file: ...\Hartford-15-03095.14.007-MP-42B-2-1-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 2/1/2005 16:33:51
Test started on: 2/1/2005 16:33:51
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 17

TOTAL DATA SAMPLES 17

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
2/1/2005	16:33:51	0	55.73	29.899	54.9	2.655	-5	6.96	9151	757.35
2/1/2005	16:34:20	29	58	29.899	18.7	2.655	-16	6.83	4993	772.64
2/1/2005	16:34:51	60	58.34	29.9	8.7	2.655	-25	6.76	3296	783.39
2/1/2005	16:35:21	90	58.56	29.9	6.7	2.681	-31	6.71	2390	784.14
2/1/2005	16:35:53	122	58.61	29.901	9.1	2.681	-36	6.68	1795	783.64
2/1/2005	16:36:24	153	58.7	29.9	13.9	2.681	-40	6.65	1795	785.02
2/1/2005	16:36:54	183	58.67	29.899	7.7	2.681	-42	6.64	1581	783.51
2/1/2005	16:37:25	214	58.72	29.899	9.6	2.655	-44	6.62	1554	783.5
2/1/2005	16:37:55	244	57.65	29.899	737.9	2.655	-42	6.66	4718	1.48
2/1/2005	16:38:25	274	58.2	29.898	49.8	2.655	-45	6.62	5622	780.13
2/1/2005	16:38:56	305	58.75	29.898	19.2	2.681	-46	6.61	2761	784.63
2/1/2005	16:39:28	337	58.71	29.898	17.8	2.655	-47	6.6	1736	785.13
2/1/2005	16:39:58	367	58.63	29.898	12.5	2.681	-48	6.59	1346	785.38
2/1/2005	16:40:29	398	58.62	29.898	11.6	2.681	-49	6.58	1183	784.49
2/1/2005	16:41:00	429	58.68	29.898	9.5	2.655	-49	6.58	984	785.5
2/1/2005	16:41:30	459	58.75	29.899	10.4	2.655	-50	6.58	901	786.63
2/1/2005	16:42:00	489	58.78	29.899	9	2.681	-51	6.58	900	788.02

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-43C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	35.7 [ft]
Well Depth:	36.32 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	21.32 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	25.05 [ft]
Pump Level (TOC):	29 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (159.3 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	276.34 [mL]
Actual Total Volume:	276.34 [mL]
Calculated Measurement Interval:	8291 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/25/2005	9:32:59
End date/time:	1/25/2005	9:39:29
Total Time:	0:06:30	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.8	0.01	-115.7	-2.47	136.42	-15.43	2139.66	-4.27	35.31	-2.72	65.12	0.1	9:37:03
3	6.8	0	-117.27	-1.57	130.45	-5.97	2146.77	7.11	41.96	6.65	64.79	-0.33	9:37:33
2	6.81	0.01	-118.84	-1.57	128.27	-2.19	2147.66	0.88	37.27	-4.69	64.44	-0.34	9:38:03
1	6.81	0	-120.16	-1.32	132.97	4.7	2150.06	2.4	38.7	1.43	64.32	-0.12	9:38:34
0	6.82	0	-121.22	-1.06	132.49	-0.48	2146.59	-3.47	39.09	0.39	64.52	0.19	9:39:05

pH Min:	6.8
pH Max:	6.82
ORP Min:	-121.22
ORP Max:	-115.7
DO Min:	128.27
DO Max:	136.42
Cond Min:	2139.66
Cond Max:	2150.06
Turb Min:	35.31
Turb Max:	41.96
Temp Min:	64.32

Temp Max: 65.12

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/8/2005 9:03:50
Report from file: ...\Hartford-15-03095.14.007-MP-43C-1-25-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/25/2005 9:32:59
Test started on: 1/25/2005 9:32:59
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 13

TOTAL DATA SAMPLES 13

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/25/2005	9:32:59	0	62.74	29.429	30.3	2.707	-83	6.7	1115	1815.83
1/25/2005	9:33:28	29	63.18	29.428	27.4	2.733	-91	6.72	701	1829.4
1/25/2005	9:33:59	60	64.1	29.429	33	2.733	-97	6.74	489	1845.95
1/25/2005	9:34:29	90	64.18	29.429	35.6	2.733	-101	6.74	359	1849.44
1/25/2005	9:35:00	121	64.27	29.429	34.5	2.707	-105	6.76	284	1852.96
1/25/2005	9:35:31	152	64.49	29.43	33.8	2.707	-108	6.77	220	1854.37
1/25/2005	9:36:01	182	64.56	29.43	47.9	2.733	-111	6.78	185	1856.5
1/25/2005	9:36:33	214	65.02	29.431	38	2.733	-113	6.78	152	1871.41
1/25/2005	9:37:03	244	65.12	29.431	35.3	2.733	-116	6.8	136	1870.01
1/25/2005	9:37:33	274	64.79	29.432	42	2.733	-117	6.8	130	1868.61
1/25/2005	9:38:03	304	64.44	29.43	37.3	2.707	-119	6.81	128	1861.53
1/25/2005	9:38:34	335	64.32	29.431	38.7	2.707	-120	6.81	133	1860.85
1/25/2005	9:39:05	366	64.52	29.432	39.1	2.707	-121	6.82	132	1862.29

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	MP-44D

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	45 [ft]
Well Depth:	44.8 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	29.8 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	29.01 [ft]
Pump Level (TOC):	37.3 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (434.4 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	551.37 [mL]
Actual Total Volume:	551.37 [mL]
Calculated Measurement Interval:	166 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/25/2005	15:33:43
End date/time:	1/25/2005	15:48:39
Total Time:	0:14:56	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.52	0.01	-119.94	-0.9	7866.27	-407	1444.71	-1.77	979.48	-72.2	61.59	0.01	15:46:19
3	6.51	-0.01	-120.06	-0.13	7571.87	-294.4	1439.79	-4.92	909.06	-70.41	61.61	0.02	15:46:49
2	6.52	0.01	-120.02	0.04	7223.01	-348.86	1436.01	-3.78	891.97	-17.1	61.64	0.02	15:47:18
1	6.52	0	-120.37	-0.34	7388.27	165.26	1437.17	1.16	948.5	56.53	61.59	-0.04	15:47:49
0	6.52	0	-120.67	-0.3	7617.19	228.92	1440.48	3.3	1163.27	214.77	61.55	-0.04	15:48:19

pH Min:	6.51
pH Max:	6.52
ORP Min:	-120.67
ORP Max:	-119.94
DO Min:	7223.01
DO Max:	7866.27
Cond Min:	1436.01
Cond Max:	1444.71
Turb Min:	891.97
Turb Max:	1163.27
Temp Min:	61.55

Temp Max: 61.64

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/8/2005 9:46:12
Report from file: ...\Hartford Working Group-15-03095.15.003-MP-44D-1-25-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/25/2005 15:33:43
Test started on: 1/25/2005 15:33:43
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 28

TOTAL DATA SAMPLES 28

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/25/2005	15:33:43	0	61.78	29.192	1712.6	2.681	-114	6.81	4331	1268.55
1/25/2005	15:34:13	30	61.88	29.192	1578.6	2.681	-112	6.69	2061	1267.17
1/25/2005	15:34:43	60	61.73	29.192	1652.2	2.707	-111	6.64	4552	1262.37
1/25/2005	15:35:14	91	61.68	29.191	2034.9	2.655	-111	6.59	3641	1084.77
1/25/2005	15:35:44	121	61.68	29.191	1619.1	2.681	-111	6.57	7862	1253.9
1/25/2005	15:36:15	152	61.63	29.191	1845.3	2.655	-111	6.55	8684	1245.88
1/25/2005	15:36:45	182	61.64	29.191	2126.7	2.681	-112	6.54	8707	1243.88
1/25/2005	15:37:15	212	61.61	29.19	1474.1	2.707	-112	6.53	8711	1241.23
1/25/2005	15:37:47	244	61.57	29.19	1805.6	2.681	-112	6.53	8413	1241.87
1/25/2005	15:38:17	274	61.62	29.19	1742	2.707	-113	6.52	7917	1232.38
1/25/2005	15:38:47	304	61.64	29.19	1484.7	2.681	-113	6.51	8153	1238.89
1/25/2005	15:39:17	334	61.63	29.19	1509.6	2.707	-114	6.51	8422	1238.56
1/25/2005	15:39:48	365	61.56	29.189	1265.2	2.655	-114	6.51	8141	1237.89
1/25/2005	15:40:18	395	61.57	29.189	1889.2	2.707	-115	6.51	8570	1240.51
1/25/2005	15:40:48	425	61.62	29.189	1265.1	2.707	-115	6.51	8803	1221.72
1/25/2005	15:41:19	456	61.63	29.189	1422.6	2.681	-116	6.5	7886	1240.82
1/25/2005	15:41:49	486	61.61	29.189	1460	2.655	-116	6.5	5559	1241.47
1/25/2005	15:42:21	518	61.61	29.188	1165.2	2.707	-116	6.5	7668	1237.86
1/25/2005	15:43:45	602	61.6	29.189	1028	2.681	-118	6.51	8879	1220.09
1/25/2005	15:44:17	634	61.64	29.189	1058.2	2.655	-118	6.51	7420	1217.23
1/25/2005	15:44:47	664	61.66	29.188	1046.8	2.681	-119	6.52	5819	1215.96
1/25/2005	15:45:17	694	61.64	29.188	966.4	2.681	-119	6.51	8196	1210.3
1/25/2005	15:45:49	726	61.57	29.187	1051.7	2.707	-119	6.51	8273	1209.67
1/25/2005	15:46:19	756	61.59	29.187	979.5	2.707	-120	6.52	7866	1208.41
1/25/2005	15:46:49	786	61.61	29.187	909.1	2.681	-120	6.51	7572	1204.68
1/25/2005	15:47:18	815	61.64	29.187	892	2.707	-120	6.52	7223	1201.89
1/25/2005	15:47:49	846	61.59	29.186	948.5	2.655	-120	6.52	7388	1202.2
1/25/2005	15:48:19	876	61.55	29.186	1163.3	2.707	-121	6.52	7617	1204.36

Operator Name:	Norman Bolivar
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-50A

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Peristaltic Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	15.8 [ft]
Well Depth:	14.8 [ft]
Well Diam:	1 [in]
Screen Len:	96 [in]
Screen Depth:	7 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	12 [ft]
Pump Level (TOC):	14.6 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume is user calculated.
Calculated Total Volume:	187.52 [mL]
Actual Total Volume:	30 [mL]
Calculated Measurement Interval:	900 [sec]
Actual Measurement Interval:	900 [sec]

Start date/time:	1/27/2005	15:46:26
End date/time:	1/27/2005	15:53:28
Total Time:	0:07:02	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.57	-0.04	63.02	-2.32	319.67	-37.95	1386.1	-1.2	179.4	-9.34	61.42	0.01	15:50:45
3	6.54	-0.03	60.65	-2.37	285.34	-34.33	1383.84	-2.26	166.53	-12.87	61.5	0.07	15:51:16
2	6.52	-0.02	58.58	-2.07	272.23	-13.11	1381.75	-2.09	225.64	59.1	61.52	0.02	15:51:47
1	6.5	-0.02	56.61	-1.98	267.68	-4.56	1381.56	-0.19	237.18	11.54	61.51	-0.01	15:52:17
0	6.48	-0.02	54.63	-1.98	266.89	-0.79	1380.3	-1.26	219.17	-18.01	61.54	0.03	15:52:49

pH Min:	6.48
pH Max:	6.57
ORP Min:	54.63
ORP Max:	63.02
DO Min:	266.89
DO Max:	319.67
Cond Min:	1380.3
Cond Max:	1386.1
Turb Min:	166.53
Turb Max:	237.18
Temp Min:	61.42

Temp Max: 61.54

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 14:48:10
Report from file: ...\Hartford-15-03095.14.007-MP-50A-1-27-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/27/2005 15:46:26
Test started on: 1/27/2005 15:46:26
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 10

TOTAL DATA SAMPLES 10

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/27/2005	15:46:26	0	58.86	30.019	1836.6	2.707	71	8.2	8528	1133.16
1/27/2005	15:48:26	120	61.41	30.019	322.7	2.733	74	6.88	836	1158.5
1/27/2005	15:49:04	158	61.41	30.018	253.7	2.759	71	6.74	566	1160.43
1/27/2005	15:49:35	189	61.47	30.018	230.8	2.759	68	6.67	432	1158.73
1/27/2005	15:50:12	226	61.41	30.019	188.7	2.733	65	6.61	358	1157.87
1/27/2005	15:50:45	259	61.42	30.019	179.4	2.707	63	6.57	320	1157.02
1/27/2005	15:51:16	290	61.5	30.019	166.5	2.733	61	6.54	285	1156.16
1/27/2005	15:51:47	321	61.52	30.02	225.6	2.733	59	6.52	272	1154.76
1/27/2005	15:52:17	351	61.51	30.02	237.2	2.733	57	6.5	268	1154.47
1/27/2005	15:52:49	383	61.54	30.022	219.2	2.733	55	6.48	267	1153.9

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	MP-52C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.25 [in]
Tubing Length:	40 [ft]
Well Depth:	43 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	28 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	28.31 [ft]
Pump Level (TOC):	35.5 [ft]

Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (386.1 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	503.11 [mL]
Actual Total Volume:	503.11 [mL]
Calculated Measurement Interval:	151 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/26/2005	2:00:15
End date/time:	1/26/2005	2:12:53
Total Time:	0:12:38	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.56	0	-121.27	0.08	6350.01	1219.36	1416.53	5.09	317.57	19.12	61.87	0.02	2:10:23
3	6.56	0	-121.4	-0.13	6288.67	-61.34	1416.88	0.35	294.85	-22.71	61.81	-0.06	2:10:53
2	6.57	0.01	-122.13	-0.73	6888	599.33	1417.21	0.33	276.86	-17.99	61.75	-0.06	2:11:23
1	6.57	0	-122.77	-0.64	6697.26	-190.74	1419.04	1.83	284.68	7.82	61.77	0.02	2:11:54
0	6.56	0	-122.21	0.56	6360.66	-336.61	1418.14	-0.9	279.54	-5.14	61.72	-0.05	2:12:24

pH Min:	6.56
pH Max:	6.57
ORP Min:	-122.77
ORP Max:	-121.27
DO Min:	6288.67
DO Max:	6888
Cond Min:	1416.53
Cond Max:	1419.04
Turb Min:	276.86
Turb Max:	317.57
Temp Min:	61.72

Temp Max: 61.87

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/8/2005 9:02:49
Report from file: ...\Hartford Working Group-15-03095.15.003-MP-52C-1-25-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/26/2005 2:00:15
Test started on: 1/26/2005 2:00:15
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 25

TOTAL DATA SAMPLES 25

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/26/2005	2:00:15	0	63.6	29.228	271.1	2.707	-108	6.8	3427	1142.42
1/26/2005	2:00:45	30	64.3	29.228	271.9	2.681	-111	6.67	5505	1146.06
1/26/2005	2:01:15	60	63.1	29.228	277.8	2.681	-112	6.62	4472	1142.15
1/26/2005	2:01:45	90	63.15	29.226	269.1	2.681	-114	6.6	1914	1144.11
1/26/2005	2:02:16	121	62.99	29.226	267.5	2.707	-115	6.57	1195	1121.63
1/26/2005	2:02:46	151	62.72	29.225	282.9	2.681	-116	6.58	1271	1144.11
1/26/2005	2:03:17	182	62.56	29.225	333.8	2.681	-117	6.53	1362	1142.43
1/26/2005	2:03:47	212	62.39	29.224	318.7	2.681	-118	6.59	1963	1146.63
1/26/2005	2:04:19	244	62.29	29.224	305.2	2.681	-118	6.57	4364	1149.16
1/26/2005	2:04:49	274	62.19	29.224	293.3	2.655	-118	6.57	4993	1149.72
1/26/2005	2:05:19	304	62.12	29.224	302.8	2.655	-119	6.58	5852	1153.12
1/26/2005	2:05:49	334	62	29.223	287.2	2.655	-119	6.57	7738	1157.11
1/26/2005	2:06:19	364	61.95	29.223	332.8	2.681	-120	6.57	7687	1159.68
1/26/2005	2:06:50	395	61.87	29.222	315.2	2.707	-119	6.56	7785	1161.98
1/26/2005	2:07:20	425	61.81	29.22	362.4	2.681	-119	6.55	7809	1166.32
1/26/2005	2:07:51	456	61.61	29.219	354.4	2.655	-120	6.55	7097	1168.94
1/26/2005	2:08:21	486	61.79	29.218	345	2.655	-120	6.54	6493	1172.16
1/26/2005	2:08:51	516	61.84	29.217	291.9	2.681	-120	6.55	5378	1183.72
1/26/2005	2:09:23	548	61.9	29.217	308.5	2.681	-121	6.56	2455	1179.84
1/26/2005	2:09:53	578	61.85	29.216	298.4	2.681	-121	6.55	5131	1184.61
1/26/2005	2:10:23	608	61.87	29.214	317.6	2.681	-121	6.56	6350	1189.12
1/26/2005	2:10:53	638	61.81	29.213	294.9	2.655	-121	6.56	6289	1188.52
1/26/2005	2:11:23	668	61.75	29.214	276.9	2.681	-122	6.57	6888	1187.91
1/26/2005	2:11:54	699	61.77	29.213	284.7	2.655	-123	6.57	6697	1189.72
1/26/2005	2:12:24	729	61.72	29.213	279.5	2.681	-122	6.56	6361	1188.2

Operator Name:	Aaron Smith
Company Name:	CLAYTON GROUP SERVICES
Project Name:	15-03095.14-007
Site Name:	Hartford Working Group
Well ID:	MP-58C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [mg/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	10 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER PUMP
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	44 [ft]
Well Depth:	39.16 [ft]
Well Diam:	2 [in]
Screen Len:	176.5 [in]
Screen Depth:	24.5 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	28.01 [ft]
Pump Level (TOC):	32 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (196.4 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	313.39 [mL]
Actual Total Volume:	313.39 [mL]
Calculated Measurement Interval:	9402 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/25/2005	15:51:26
End date/time:	1/25/2005	16:02:32
Total Time:	0:11:06	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.51	-0.01	-35.59	-0.86	3.9	-0.03	1579.84	0.34	113.5	12.99	15.37	0	16:00:05
3	6.52	0.01	-36.95	-1.37	6.64	2.74	1578.46	-1.39	107.59	-5.91	15.37	0	16:00:35
2	6.52	0	-38.24	-1.28	7.3	0.66	1578.14	-0.32	99.19	-8.4	15.38	0.01	16:01:05
1	6.51	-0.01	-38.88	-0.64	7.43	0.12	1578.04	-0.1	112.61	13.42	15.39	0.01	16:01:36
0	6.52	0.01	-40.08	-1.2	7.24	-0.18	1577.44	-0.6	93.13	-19.48	15.39	-0.01	16:02:06

pH Min:	6.51
pH Max:	6.52
ORP Min:	-40.08
ORP Max:	-35.59
DO Min:	3.9
DO Max:	7.43
Cond Min:	1577.44
Cond Max:	1579.84
Turb Min:	93.13
Turb Max:	113.5
Temp Min:	15.37

Temp Max: 15.39

Notes:

Device Record:

In-Situ Inc. Troll 9000 Pro XP

Report generated: 3/2/2005 9:21:31
Report from file: ...\15-03095.14-007-Hartford Working Group-MP-58C-1-25-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31923
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/25/2005 15:51:26
Test started on: 1/25/2005 15:51:26
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 22

TOTAL DATA SAMPLES 22

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name: Pressure
Sensor Range: 30 PSIG.
Specific gravity: 1
Mode: TOC
User-defined reference: 0 Feet H2O
Referenced on: test start
Pressure head at reference: -0.366 Feet H2O

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[2] Pressure Feet H2O	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/25/2005	15:51:26	0	59.3	0	29.238	75.8	2.915	40	6.81	6750	1285.52
1/25/2005	15:51:56	30	59.83	-0.036	29.238	118.6	2.889	25	6.7	4522	1296.33
1/25/2005	15:52:26	60	59.87	-0.047	29.238	102.1	2.889	14	6.65	5282	1294.97
1/25/2005	15:52:57	91	59.86	-0.053	29.236	124.5	2.915	5	6.62	5474	1295.3
1/25/2005	15:53:27	121	59.84	-0.059	29.237	101.8	2.915	-1	6.6	5527	1292.93
1/25/2005	15:53:59	153	59.83	-0.06	29.236	93.9	2.889	-7	6.58	5482	1292.92
1/25/2005	15:54:29	183	59.78	-0.059	29.235	108	2.889	-11	6.57	5577	1291.57
1/25/2005	15:55:00	214	59.75	-0.054	29.235	101.2	2.889	-15	6.56	5533	1290.89
1/25/2005	15:55:30	244	59.76	-0.06	29.234	97.6	2.889	-18	6.55	5546	1291.22
1/25/2005	15:56:00	274	59.74	-0.053	29.233	105.6	2.889	-21	6.54	5606	1291.22
1/25/2005	15:56:30	304	59.72	-0.06	29.234	86.1	2.889	-24	6.54	5546	1290.54
1/25/2005	15:57:01	335	59.73	-0.062	29.234	304	2.915	-26	6.53	5463	1290.54
1/25/2005	15:57:31	365	59.72	-0.064	29.234	140.1	2.915	-28	6.53	5465	1290.53
1/25/2005	15:58:03	397	59.7	-0.061	29.233	97.2	2.915	-30	6.53	6292	1289.52
1/25/2005	15:58:33	427	59.7	-0.066	29.234	125.8	2.889	-32	6.53	6369	1289.51
1/25/2005	15:59:04	458	59.67	-0.059	29.234	107.1	2.889	-33	6.53	6479	1288.5
1/25/2005	15:59:34	488	59.66	-0.061	29.233	100.5	2.889	-35	6.52	3930	1288.83
1/25/2005	16:00:05	519	59.66	-0.06	29.233	113.5	2.889	-36	6.51	3905	1289.17
1/25/2005	16:00:35	549	59.67	-0.061	29.233	107.6	2.889	-37	6.52	6640	1288.15
1/25/2005	16:01:05	579	59.68	-0.063	29.233	99.2	2.915	-38	6.52	7305	1288.15
1/25/2005	16:01:36	610	59.71	-0.061	29.233	112.6	2.889	-39	6.51	7425	1288.48
1/25/2005	16:02:06	640	59.7	-0.061	29.233	93.1	2.915	-40	6.52	7242	1287.81

Operator Name:	Aaron Smith
Company Name:	CLAYTON GROUP SERVICES
Project Name:	15-03095.14-007
Site Name:	Hartford Working Group
Well ID:	HMW-59C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [mg/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	10 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER PUMP
Tubing Type:	P
Tubing Diam:	0.17 [in]
Tubing Length:	35 [ft]
Well Depth:	36.44 [ft]
Well Diam:	2 [in]
Screen Len:	176.5 [in]
Screen Depth:	22 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	27.44 [ft]
Pump Level (TOC):	30 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (156.2 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	273.22 [mL]
Actual Total Volume:	273.22 [mL]
Calculated Measurement Interval:	8197 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/25/2005	14:40:57
End date/time:	1/25/2005	14:45:37
Total Time:	0:04:40	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.42	0	-26.86	-4.37	2.35	-0.06	1489.96	-0.47	32.58	-6.06	16.47	-0.03	14:43:30
3	6.42	0	-30.45	-3.59	2.36	0.02	1489.27	-0.69	34.54	1.95	16.43	-0.05	14:44:00
2	6.42	0	-33.58	-3.12	2.44	0.07	1490.35	1.09	30.9	-3.64	16.44	0.01	14:44:31
1	6.42	0	-36.32	-2.74	2.47	0.03	1491.79	1.43	30.13	-0.76	16.39	-0.05	14:45:01
0	6.42	0	-38.84	-2.52	2.32	-0.15	1494.85	3.06	36.21	6.08	16.4	0.01	14:45:31

pH Min:	6.42
pH Max:	6.42
ORP Min:	-38.84
ORP Max:	-26.86
DO Min:	2.32
DO Max:	2.47
Cond Min:	1489.27
Cond Max:	1494.85
Turb Min:	30.13
Turb Max:	36.21
Temp Min:	16.39

Temp Max: 16.47

Notes:

Device Record:

In-Situ Inc. Troll 9000 Pro XP

Report generated: 3/2/2005 9:04:48
Report from file: ...\15-03095.14-007-Hartford Working Group-HMW-59C-1-25-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31923
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/25/2005 14:40:57
Test started on: 1/25/2005 14:40:57
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 10

TOTAL DATA SAMPLES 10

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name: Pressure
Sensor Range: 30 PSIG.
Specific gravity: 1
Mode: TOC
User-defined reference: 0 Feet H2O
Referenced on: test start
Pressure head at reference: -0.383 Feet H2O

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[2] Pressure Feet H2O	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/25/2005	14:40:57	0	62.15	0	29.258	51.6	2.889	20	6.42	3814	1254.28
1/25/2005	14:41:27	30	62.1	-0.023	29.259	45.9	2.915	1	6.41	3030	1252.37
1/25/2005	14:41:57	60	61.89	-0.042	29.257	43	2.915	-10	6.41	2905	1249.83
1/25/2005	14:42:27	90	61.79	0.017	29.256	36.6	2.915	-17	6.41	2605	1249.83
1/25/2005	14:42:58	121	61.71	0.009	29.255	38.6	2.889	-22	6.41	2408	1248.56
1/25/2005	14:43:30	153	61.65	0.011	29.254	32.6	2.889	-27	6.42	2346	1247.3
1/25/2005	14:44:00	183	61.57	0.007	29.253	34.5	2.889	-30	6.42	2365	1245.4
1/25/2005	14:44:31	214	61.59	-0.011	29.253	30.9	2.889	-34	6.42	2439	1246.66
1/25/2005	14:45:01	244	61.49	0	29.252	30.1	2.915	-36	6.42	2472	1246.34
1/25/2005	14:45:31	274	61.51	-0.055	29.251	36.2	2.889	-39	6.42	2322	1249.18

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	MP-61C

pH Sensor:	Installed	Target Value	0.1	[pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200	[mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1	[ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200	[uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200	[NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER	
Tubing Type:	PVC	
Tubing Diam:	0.25	[in]
Tubing Length:	37	[ft]
Well Depth:	37	[ft]
Well Diam:	2	[in]
Screen Len:	180	[in]
Screen Depth:	22	[ft]
Pump Inlet Depth:	0	[in]
Depth to Water:	27.47	[ft]
Pump Level (TOC):	29.5	[ft]

Final Pumping Rate:	200	[mL/min]
Stable Draw Down:	0	[in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (357.2 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)	
Calculated Total Volume:	474.15	[mL]
Actual Total Volume:	474.15	[mL]
Calculated Measurement Interval:	143	[sec]
Actual Measurement Interval:	30	[sec]

Start date/time:	1/26/2005	9:33:48
End date/time:	1/26/2005	9:42:48
Total Time:	0:09:00	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance
4	6.52	0	-83.87	-1.41	353.09	3.78	1643.97	-0.53	46.33	-1.31	56.89	-0.33
3	6.52	0	-85.15	-1.28	373.59	20.5	1638.59	-5.38	51.49	5.16	56.95	0.06
2	6.52	0	-86.21	-1.07	373.66	0.08	1638.59	0	40.42	-11.07	56.97	0.02
1	6.53	0	-87.41	-1.19	348.8	-24.86	1636.32	-2.28	39.49	-0.93	56.89	-0.08
0	6.52	0	-88.35	-0.94	335.97	-12.83	1629.7	-6.61	41.59	2.1	57.15	0.26

pH Min:	6.52
pH Max:	6.53
ORP Min:	-88.35
ORP Max:	-83.87
DO Min:	335.97
DO Max:	373.66
Cond Min:	1629.7
Cond Max:	1643.97

Turb Min:	39.49
Turb Max:	51.49
Temp Min:	56.89
Temp Max:	57.15

Notes:

Device Record:

In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	3/8/2005 9:27:07
Report from file:	...\Hartford Working Group-15-03095.15.003-MP-61C-1-26-2005.flo.bin
Win-Situ Version	4.51
Serial number:	31880
Firmware Version	1.46
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	1/26/2005 9:33:48
Test started on:	1/26/2005 9:33:48
Test stopped on:	N/A N/A

Data gathered using Event testing

Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	18

TOTAL DATA SAMPLES 18

Channel number [1]

Measurement type:	Temperature
Channel name:	

Channel number [3]

Measurement type:	Barometric Pressure
Channel name:	

Channel number [4]

Measurement type:	Turbidity
Channel name:	

Channel number [5]

Measurement type:	Battery Voltage
Channel name:	

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/26/2005	9:33:49	1	49.03	29.51	65.1	2.681	20	6.39	10373	1027.93
1/26/2005	9:34:19	31	54.39	29.511	115.7	2.629	-15	6.33	5467	1187.52
1/26/2005	9:34:49	61	55.63	29.511	122.5	2.655	-35	6.37	2955	1239.72
1/26/2005	9:35:19	91	56.33	29.511	86.8	2.655	-47	6.41	1816	1261.43
1/26/2005	9:35:50	122	56.46	29.511	77.4	2.681	-56	6.44	1270	1266.89
1/26/2005	9:36:20	152	56.68	29.512	83.6	2.681	-62	6.45	989	1272.06
1/26/2005	9:36:51	183	56.7	29.513	72	2.655	-66	6.47	846	1275.19
1/26/2005	9:37:21	213	56.97	29.514	69.8	2.655	-70	6.47	710	1277.63
1/26/2005	9:37:52	244	57.13	29.516	68.3	2.681	-73	6.48	592	1288.19
1/26/2005	9:38:22	274	57.3	29.515	62	2.681	-76	6.49	497	1293.53
1/26/2005	9:38:52	304	57.55	29.515	46	2.655	-78	6.49	432	1299.65
1/26/2005	9:39:23	335	57.59	29.516	56	2.681	-81	6.51	381	1302.55
1/26/2005	9:39:53	365	57.22	29.517	47.6	2.681	-82	6.52	349	1299.31
1/26/2005	9:40:23	395	56.89	29.517	46.3	2.681	-84	6.52	353	1293.22
1/26/2005	9:40:54	426	56.95	29.517	51.5	2.681	-85	6.52	374	1290.02
1/26/2005	9:41:24	456	56.97	29.518	40.4	2.629	-86	6.52	374	1290.39
1/26/2005	9:41:55	487	56.89	29.518	39.5	2.681	-87	6.53	349	1287.21
1/26/2005	9:42:25	517	57.15	29.518	41.6	2.655	-88	6.52	336	1286.51

Time
9:40:23
9:40:54
9:41:24
9:41:55
9:42:25

Operator Name:	Mike Krzeminski
Company Name:	CLAYTON GROUP SERVICES
Project Name:	Hartford Working Group
Site Name:	15-03095.15.003
Well ID:	MP-62C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	200 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	1 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	37 [ft]
Well Depth:	37 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	22 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	26.52 [ft]
Pump Level (TOC):	29.5 [ft]
Final Pumping Rate:	200 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (357.2 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	474.15 [mL]
Actual Total Volume:	474.15 [mL]
Calculated Measurement Interval:	143 [sec]
Actual Measurement Interval:	30 [sec]
Start date/time:	1/26/2005 10:41:43
End date/time:	1/26/2005 10:51:52
Total Time:	0:10:09

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.41	-0.01	-82.9	-1.15	249.69	-15.84	585.66	1.89	143.89	-12.45	57.22	0.07	10:49:49
3	6.4	-0.01	-83.96	-1.07	240.97	-8.72	589.12	3.46	194.05	50.16	57.03	-0.19	10:50:21
2	6.4	0	-85.07	-1.11	236.8	-4.17	589.25	0.13	143.48	-50.57	56.92	-0.11	10:50:51
1	6.39	-0.01	-85.76	-0.68	237.51	0.71	589.05	-0.2	156.98	13.5	56.85	-0.07	10:51:21
0	6.38	0	-86.7	-0.94	241.51	3.99	587.57	-1.47	169.98	13	57.05	0.19	10:51:51

pH Min:	6.38
pH Max:	6.41
ORP Min:	-86.7
ORP Max:	-82.9
DO Min:	236.8
DO Max:	249.69
Cond Min:	585.66
Cond Max:	589.25
Turb Min:	143.48
Turb Max:	194.05
Temp Min:	56.85

Temp Max: 57.22

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/8/2005 9:28:44
Report from file: ...\Hartford Working Group-15-03095.15.003-MP-62C-1-26-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31880
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/26/2005 10:41:43
Test started on: 1/26/2005 10:41:43
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 21

TOTAL DATA SAMPLES 21

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/26/2005	10:41:43	0	51.68	29.545	164.2	2.681	-80	7.01	7471	410.4
1/26/2005	10:42:13	30	54.37	29.546	189.1	2.655	-77	6.84	4055	421.49
1/26/2005	10:42:43	60	55.41	29.546	161.9	2.655	-75	6.74	2341	429.23
1/26/2005	10:43:14	91	55.91	29.547	154.2	2.681	-74	6.67	1526	439.35
1/26/2005	10:43:44	121	56.3	29.547	143.5	2.655	-74	6.62	1056	444.36
1/26/2005	10:44:15	152	56.47	29.548	142.7	2.655	-75	6.59	834	446.78
1/26/2005	10:44:45	182	56.51	29.549	140.6	2.655	-75	6.57	670	447.89
1/26/2005	10:45:15	212	56.42	29.55	169.5	2.655	-75	6.53	550	446.91
1/26/2005	10:45:47	244	56.58	29.551	136.5	2.655	-75	6.51	490	446.57
1/26/2005	10:46:17	274	56.65	29.551	131.2	2.681	-76	6.5	436	446.44
1/26/2005	10:46:47	304	56.74	29.553	131.2	2.681	-77	6.48	393	449.14
1/26/2005	10:47:17	334	57.03	29.553	148.2	2.629	-78	6.46	333	452.31
1/26/2005	10:47:48	365	57.07	29.554	159.2	2.681	-78	6.45	302	457.62
1/26/2005	10:48:18	395	56.82	29.554	154.9	2.629	-79	6.44	294	458.07
1/26/2005	10:48:48	425	57.01	29.555	149	2.681	-81	6.43	287	459.2
1/26/2005	10:49:19	456	57.15	29.556	156.3	2.655	-82	6.42	266	460.83
1/26/2005	10:49:49	486	57.22	29.557	143.9	2.681	-83	6.41	250	462.74
1/26/2005	10:50:21	518	57.03	29.558	194	2.655	-84	6.4	241	464.31
1/26/2005	10:50:51	548	56.92	29.559	143.5	2.681	-85	6.4	237	463.71
1/26/2005	10:51:21	578	56.85	29.559	157	2.629	-86	6.39	238	463.11
1/26/2005	10:51:51	608	57.04	29.56	170	2.655	-87	6.38	242	463.16

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-63A

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Peristaltic Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	9.82 [ft]
Well Depth:	9.82 [ft]
Well Diam:	1 [in]
Screen Len:	48 [in]
Screen Depth:	6.5 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	7.81 [ft]
Pump Level (TOC):	9.75 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume is user calculated.
Calculated Total Volume:	160.83 [mL]
Actual Total Volume:	30 [mL]
Calculated Measurement Interval:	900 [sec]
Actual Measurement Interval:	900 [sec]

Start date/time:	1/26/2005	10:53:17
End date/time:	1/26/2005	11:04:52
Total Time:	0:11:35	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.45	-0.02	36.49	1.07	3568.55	-34.6	734.44	-1.94	19.26	-2.36	52.54	-0.04	11:00:46
3	6.44	-0.02	37.47	0.98	3584.03	15.47	733.47	-0.97	14.1	-5.16	52.5	-0.04	11:01:23
2	6.42	-0.01	38.28	0.81	3551.34	-32.69	732.41	-1.06	13.22	-0.89	52.65	0.15	11:02:05
1	6.41	-0.02	39.61	1.33	3465.54	-85.8	732.04	-0.38	9.59	-3.63	52.72	0.07	11:03:02
0	6.38	-0.02	41.4	1.8	3354.99	-110.55	730.79	-1.25	6.5	-3.09	52.77	0.05	11:04:32

pH Min:	6.38
pH Max:	6.45
ORP Min:	36.49
ORP Max:	41.4
DO Min:	3354.99
DO Max:	3584.03
Cond Min:	730.79
Cond Max:	734.44
Turb Min:	6.5
Turb Max:	19.26
Temp Min:	52.5

Temp Max: 52.77

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 14:44:33
Report from file: ...\Hartford-15-03095.14.007-MP-63A-1-26-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/26/2005 10:53:17
Test started on: 1/26/2005 10:53:17
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 12

TOTAL DATA SAMPLES 12

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/26/2005	10:53:17	0	51.5	29.588	815.7	2.733	20	7.13	9758	596.4
1/26/2005	10:55:03	106	52.09	29.59	248.5	2.733	26	6.8	4694	568.37
1/26/2005	10:55:48	151	52.43	29.589	150.3	2.733	27	6.72	4416	561.78
1/26/2005	10:56:25	188	52.7	29.591	88.6	2.733	29	6.66	4190	559.02
1/26/2005	10:57:21	244	52.89	29.591	70.9	2.733	31	6.58	3802	556.79
1/26/2005	10:58:58	341	52.8	29.592	32.4	2.733	34	6.51	3740	550.53
1/26/2005	11:00:01	404	52.58	29.595	21.6	2.759	35	6.47	3603	545.56
1/26/2005	11:00:46	449	52.54	29.593	19.3	2.733	36	6.45	3569	543.81
1/26/2005	11:01:23	486	52.5	29.593	14.1	2.759	37	6.44	3584	542.78
1/26/2005	11:02:05	528	52.65	29.593	13.2	2.759	38	6.42	3551	543.14
1/26/2005	11:03:02	585	52.72	29.594	9.6	2.733	40	6.41	3466	543.45
1/26/2005	11:04:32	675	52.77	29.593	6.5	2.733	41	6.39	3355	542.9

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-63C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	38 [ft]
Well Depth:	38.69 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	23.69 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	26.88 [ft]
Pump Level (TOC):	30 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (169.6 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	286.61 [mL]
Actual Total Volume:	286.61 [mL]
Calculated Measurement Interval:	8599 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/26/2005	9:54:11
End date/time:	1/26/2005	10:03:23
Total Time:	0:09:12	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.28	0	-57.15	-1.37	394.88	2.72	837.54	-1.54	52.24	-5.06	55.22	0.21	10:01:20
3	6.28	0	-58.48	-1.32	392.3	-2.58	836.54	-1	51.64	-0.6	55.44	0.22	10:01:50
2	6.29	0	-59.59	-1.11	400.16	7.86	832.63	-3.91	52.98	1.34	55.22	-0.22	10:02:20
1	6.29	0	-60.7	-1.11	382.39	-17.78	835.52	2.89	52.23	-0.75	55.42	0.21	10:02:50
0	6.29	0	-61.77	-1.07	372.93	-9.46	835.46	-0.06	55.18	2.95	55.36	-0.06	10:03:20

pH Min:	6.28
pH Max:	6.29
ORP Min:	-61.77
ORP Max:	-57.15
DO Min:	372.93
DO Max:	400.16
Cond Min:	832.63
Cond Max:	837.54
Turb Min:	51.64
Turb Max:	55.18
Temp Min:	55.22

Temp Max:	55.44
Notes:	
Device Record:	
In-Situ Inc.	Troll 9000 Profiler XP
Report generated:	3/7/2005 14:37:56
Report from file:	...\Hartford-15-03095.14.007-MP-63C-1-26-2005.flo.bin
Win-Situ Version	4.51
Serial number:	31949
Firmware Version	1.46
Unit name:	MP Troll 9000
Test name:	LowFlow
Test defined on:	1/26/2005 9:54:11
Test started on:	1/26/2005 9:54:11
Test stopped on:	N/A N/A
Data gathered using Event testing	
Time between data points:	0.0 seconds
Time between default storages:	0.0 seconds
Monitoring data on channel [1]	
Data stored if delta value exceeds:	0 Fahrenheit
Number of data samples:	19
TOTAL DATA SAMPLES	19
Channel number [1]	
Measurement type:	Temperature
Channel name:	
Channel number [3]	
Measurement type:	Barometric Pressure
Channel name:	
Channel number [4]	
Measurement type:	Turbidity
Channel name:	
Channel number [5]	
Measurement type:	Battery Voltage
Channel name:	
Channel number [11]	
Measurement type:	ORP
Channel name:	
Channel number [12]	
Measurement type:	pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/26/2005	9:54:11	0	52.28	29.549	43.7	2.759	1	6.39	3899	624.56
1/26/2005	9:54:41	30	52.79	29.55	60.4	2.733	-11	6.31	2641	627.6
1/26/2005	9:55:12	61	53.66	29.549	63.6	2.733	-19	6.26	1833	634.6
1/26/2005	9:55:43	92	53.55	29.55	62.7	2.733	-25	6.25	1352	635.42
1/26/2005	9:56:13	122	53.89	29.55	71.5	2.759	-30	6.24	1022	636.91
1/26/2005	9:56:44	153	54.04	29.551	60.4	2.733	-35	6.24	814	638.15
1/26/2005	9:57:15	184	54.4	29.551	65.7	2.733	-39	6.24	658	640.57
1/26/2005	9:57:46	215	54.52	29.551	56.5	2.733	-43	6.25	571	641.08
1/26/2005	9:58:15	244	54.47	29.551	60.3	2.733	-46	6.25	498	639.4
1/26/2005	9:58:46	275	54.61	29.552	46.6	2.759	-48	6.26	444	639.57
1/26/2005	9:59:17	306	54.58	29.552	61.2	2.733	-51	6.26	408	640.74
1/26/2005	9:59:48	337	54.89	29.553	57.5	2.733	-53	6.27	388	642.76
1/26/2005	10:00:19	368	54.91	29.553	53.8	2.733	-54	6.28	383	641.33
1/26/2005	10:00:49	398	55.01	29.553	57.3	2.733	-56	6.28	392	643.27
1/26/2005	10:01:20	429	55.22	29.554	52.2	2.733	-57	6.28	395	643.95
1/26/2005	10:01:50	459	55.44	29.554	51.6	2.733	-58	6.28	392	645.13
1/26/2005	10:02:20	489	55.21	29.554	53	2.759	-60	6.29	400	640.16
1/26/2005	10:02:50	519	55.42	29.555	52.2	2.733	-61	6.29	382	644.2
1/26/2005	10:03:20	549	55.36	29.555	55.2	2.733	-62	6.29	373	643.61

Operator Name:	Norman Bolivar
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-64A

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Peristaltic Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	10.56 [ft]
Well Depth:	9.56 [ft]
Well Diam:	1 [in]
Screen Len:	48 [in]
Screen Depth:	5.5 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	8.75 [ft]
Pump Level (TOC):	9.5 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume is user calculated.
Calculated Total Volume:	164.13 [mL]
Actual Total Volume:	30 [mL]
Calculated Measurement Interval:	900 [sec]
Actual Measurement Interval:	900 [sec]

Start date/time:	1/27/2005	11:23:14
End date/time:	1/27/2005	11:40:55
Total Time:	0:17:41	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.63	0	-31.15	-0.52	3562.6	97.79	1790.91	0.47	51.15	-636.1	54.14	-0.34	11:36:58
3	6.64	0.01	-32.06	-0.92	3727.27	164.67	1640.18	-150.73	80.72	29.57	53.72	-0.42	11:38:02
2	6.65	0.01	-32.63	-0.57	3827.94	100.66	1784.16	143.98	136.93	56.21	53.39	-0.33	11:38:50
1	6.65	0.01	-32.98	-0.35	3947.81	119.88	1779.2	-4.96	207.14	70.21	53	-0.39	11:39:44
0	6.66	0.01	-33.25	-0.27	4044.32	96.51	1778.1	-1.09	330.85	123.71	52.6	-0.4	11:40:32

pH Min:	6.63
pH Max:	6.66
ORP Min:	-33.25
ORP Max:	-31.15
DO Min:	3562.6
DO Max:	4044.32
Cond Min:	1640.18
Cond Max:	1790.91
Turb Min:	51.15
Turb Max:	330.85
Temp Min:	52.6

Temp Max: 54.14

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 14:53:36
Report from file: ...\Hartford-15-03095.14.007-MP-64A-1-27-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/27/2005 11:23:14
Test started on: 1/27/2005 11:23:14
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 19

TOTAL DATA SAMPLES 19

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/27/2005	11:23:14	0	54.24	30.041	1177.8	2.707	108	6.87	10289	1148.15
1/27/2005	11:24:35	81	58.33	30.041	40.6	2.707	34	6.39	1635	1209.98
1/27/2005	11:25:35	141	58.63	30.041	41.2	2.707	18	6.37	835	1283.33
1/27/2005	11:26:23	189	58.77	30.041	33.6	2.707	10	6.38	588	1332.04
1/27/2005	11:27:07	233	58.89	30.039	37.3	2.733	4	6.4	482	1373.14
1/27/2005	11:27:52	278	58.95	30.043	68	2.707	-2	6.42	418	1463.03
1/27/2005	11:28:45	331	58.44	30.044	155.8	2.707	-9	6.47	608	1521.85
1/27/2005	11:29:41	387	58.06	30.044	58.2	2.707	-15	6.51	2520	1488.77
1/27/2005	11:30:25	431	57.68	30.043	261.8	2.733	-17	6.52	2779	1466.01
1/27/2005	11:31:13	479	57.31	30.045	72.5	2.733	-20	6.55	3081	1446.97
1/27/2005	11:33:37	623	55.92	30.046	106.9	2.733	-26	6.59	3050	1401.26
1/27/2005	11:35:13	719	55.23	30.049	14.6	2.707	-29	6.61	3233	1057.48
1/27/2005	11:35:51	757	54.86	30.05	360.6	2.707	-30	6.62	3345	1375.1
1/27/2005	11:36:24	790	54.48	30.049	687.3	2.733	-31	6.62	3465	1362.6
1/27/2005	11:36:58	824	54.14	30.049	51.2	2.733	-31	6.63	3563	1356.43
1/27/2005	11:38:02	888	53.72	30.049	80.7	2.707	-32	6.64	3727	1235.01
1/27/2005	11:38:50	936	53.39	30.048	136.9	2.733	-33	6.65	3828	1337.12
1/27/2005	11:39:44	990	53	30.048	207.1	2.733	-33	6.65	3948	1326.03
1/27/2005	11:40:32	1038	52.59	30.048	330.9	2.707	-33	6.66	4044	1317.64

Operator Name:	Lacy Smith
Company Name:	Clayton Group Services
Project Name:	Hartford
Site Name:	15-03095.14.007
Well ID:	MP-64C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	37 [ft]
Well Depth:	36.63 [ft]
Well Diam:	2 [in]
Screen Len:	180 [in]
Screen Depth:	21.63 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	26.34 [ft]
Pump Level (TOC):	29 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (165.1 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	282.15 [mL]
Actual Total Volume:	282.15 [mL]
Calculated Measurement Interval:	8465 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/26/2005	11:30:17
End date/time:	1/26/2005	11:41:27
Total Time:	0:11:10	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.55	0	-54.57	-1.11	122.81	-4.33	1100.59	1.12	68.47	-0.6	58.63	-0.05	11:38:56
3	6.55	0	-56.07	-1.49	113.02	-9.8	1100.73	0.14	71.16	2.7	58.81	0.18	11:39:26
2	6.55	0	-57.35	-1.28	108.45	-4.57	1100.4	-0.33	70.47	-0.69	58.83	0.02	11:39:57
1	6.56	0	-58.41	-1.07	103.81	-4.64	1102.38	1.98	65.15	-5.32	58.88	0.04	11:40:27
0	6.56	0	-59.48	-1.07	103.89	0.08	1105.66	3.28	68.33	3.18	58.89	0.01	11:40:58

pH Min:	6.55
pH Max:	6.56
ORP Min:	-59.48
ORP Max:	-54.57
DO Min:	103.81
DO Max:	122.81
Cond Min:	1100.4
Cond Max:	1105.66
Turb Min:	65.15
Turb Max:	71.16
Temp Min:	58.63

Temp Max: 58.89

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 14:40:20
Report from file: ...\Hartford-15-03095.14.007-MP-64C-1-26-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/26/2005 11:30:17
Test started on: 1/26/2005 11:30:17
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 22

TOTAL DATA SAMPLES 22

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/26/2005	11:30:17	0	52.77	29.595	60.5	2.655	33	6.83	9623	780.41
1/26/2005	11:30:47	30	56.02	29.595	79.5	2.681	15	6.63	5068	823.73
1/26/2005	11:31:17	60	56.56	29.595	96.8	2.681	2	6.55	2753	834.97
1/26/2005	11:31:48	91	57.46	29.595	96.4	2.707	-7	6.51	1563	846.36
1/26/2005	11:32:19	122	57.99	29.595	89.9	2.681	-15	6.5	980	858.38
1/26/2005	11:32:49	152	58.16	29.595	75.2	2.707	-21	6.5	679	862.46
1/26/2005	11:33:20	183	58.18	29.594	93.1	2.681	-26	6.5	495	865.2
1/26/2005	11:33:50	213	58.12	29.595	76.5	2.707	-31	6.5	383	866.74
1/26/2005	11:34:21	244	58.43	29.595	68.8	2.681	-34	6.51	305	873.85
1/26/2005	11:34:51	274	58.26	29.596	78.7	2.707	-38	6.51	259	874.01
1/26/2005	11:35:22	305	58.17	29.597	66.3	2.681	-40	6.51	218	872.3
1/26/2005	11:35:53	336	58.42	29.596	70.9	2.681	-43	6.52	198	877.45
1/26/2005	11:36:23	366	58.59	29.597	77	2.681	-45	6.52	183	881.4
1/26/2005	11:36:54	397	58.6	29.596	73.1	2.707	-47	6.53	164	882.52
1/26/2005	11:37:25	428	58.7	29.597	59.5	2.707	-49	6.53	150	883.15
1/26/2005	11:37:56	459	58.8	29.596	58.3	2.681	-52	6.54	136	886.35
1/26/2005	11:38:26	489	58.68	29.596	69.1	2.707	-53	6.55	127	885.71
1/26/2005	11:38:56	519	58.63	29.597	68.5	2.707	-55	6.55	123	886.03
1/26/2005	11:39:26	549	58.81	29.597	71.2	2.681	-56	6.55	113	888.29
1/26/2005	11:39:57	580	58.83	29.597	70.5	2.681	-57	6.55	108	888.29
1/26/2005	11:40:27	610	58.88	29.598	65.2	2.707	-58	6.56	104	890.39
1/26/2005	11:40:58	641	58.89	29.597	68.3	2.707	-59	6.56	104	893.15

Operator Name:	Aaron Smith
Company Name:	CLAYTON GROUP SERVICES
Project Name:	15-03095.14-007
Site Name:	Hartford Working Group
Well ID:	MP-65C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [mg/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	10 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER PUMP
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	45 [ft]
Well Depth:	40.06 [ft]
Well Diam:	2 [in]
Screen Len:	176.5 [in]
Screen Depth:	25 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	28.57 [ft]
Pump Level (TOC):	33 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (200.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	317.85 [mL]
Actual Total Volume:	317.85 [mL]
Calculated Measurement Interval:	9536 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	2/1/2005	13:46:07
End date/time:	2/1/2005	13:53:10
Total Time:	0:07:03	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.29	0	66.33	-0.9	1.5	0.03	1337.48	-1.09	9.26	-3.03	15.37	-0.07	13:50:41
3	6.29	0	65.56	-0.77	1.45	-0.05	1339.94	2.46	8.91	-0.36	15.34	-0.03	13:51:13
2	6.29	0	64.79	-0.77	1.46	0.01	1339.27	-0.68	9.62	0.71	15.32	-0.01	13:51:43
1	6.29	0	64.14	-0.64	1.45	-0.01	1340.86	1.59	9.84	0.22	15.29	-0.03	13:52:14
0	6.29	0	63.42	-0.73	1.39	-0.07	1341.36	0.5	10.13	0.29	15.25	-0.03	13:52:45

pH Min:	6.29
pH Max:	6.29
ORP Min:	63.42
ORP Max:	66.33
DO Min:	1.39
DO Max:	1.5
Cond Min:	1337.48
Cond Max:	1341.36
Turb Min:	8.91
Turb Max:	10.13
Temp Min:	15.25

Temp Max: 15.37

Notes:

Device Record:

In-Situ Inc. Troll 9000 Pro XP

Report generated: 3/2/2005 9:25:21
Report from file: ...\15-03095.14-007-Hartford Working Group-MP-65C-2-1-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31923
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 2/1/2005 13:46:07
Test started on: 2/1/2005 13:46:07
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 14

TOTAL DATA SAMPLES 14

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name: Pressure
Sensor Range: 30 PSIG.
Specific gravity: 1
Mode: TOC
User-defined reference: 0 Feet H2O
Referenced on: test start
Pressure head at reference: -0.432 Feet H2O

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[2] Pressure Feet H2O	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
2/1/2005	13:46:07	0	59.26	0	29.912	12.5	2.811	87	6.46	2557	1092.58
2/1/2005	13:46:38	31	59.38	-0.015	29.912	11.8	2.811	82	6.41	2045	1093.29
2/1/2005	13:47:08	61	59.56	-0.021	29.913	12.7	2.811	78	6.37	1894	1094.46
2/1/2005	13:47:38	91	59.65	-0.023	29.913	12.5	2.811	75	6.34	1720	1096.33
2/1/2005	13:48:09	122	59.72	-0.027	29.912	9.9	2.811	73	6.33	3434	1093.75
2/1/2005	13:48:40	153	59.94	-0.026	29.912	11.3	2.811	71	6.31	1558	1097.51
2/1/2005	13:49:10	183	59.84	0.016	29.913	10.9	2.785	69	6.3	1499	1095.16
2/1/2005	13:49:41	214	59.84	-0.006	29.913	11	2.785	68	6.3	1542	1094.69
2/1/2005	13:50:11	244	59.8	-0.026	29.914	12.3	2.811	67	6.29	1465	1094.23
2/1/2005	13:50:41	274	59.66	-0.016	29.913	9.3	2.811	66	6.29	1499	1091.43
2/1/2005	13:51:13	306	59.6	-0.032	29.912	8.9	2.811	66	6.29	1449	1092.59
2/1/2005	13:51:43	336	59.58	-0.018	29.913	9.6	2.785	65	6.29	1463	1091.66
2/1/2005	13:52:14	367	59.52	-0.026	29.913	9.8	2.811	64	6.29	1453	1092.13
2/1/2005	13:52:45	398	59.46	-0.035	29.913	10.1	2.785	63	6.29	1387	1091.66

Operator Name:	Aaron Smith
Company Name:	CLAYTON GROUP SERVICES
Project Name:	15-03095.14-007
Site Name:	Hartford Working Group
Well ID:	MP-66C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [mg/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	10 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER PUMP
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	41 [ft]
Well Depth:	39.94 [ft]
Well Diam:	2 [in]
Screen Len:	176.5 [in]
Screen Depth:	25 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	27.71 [ft]
Pump Level (TOC):	32 [ft]
Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (183.0 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	300 [mL]
Actual Total Volume:	300 [mL]
Calculated Measurement Interval:	9000 [sec]
Actual Measurement Interval:	30 [sec]
Start date/time:	2/1/2005 15:25:59
End date/time:	2/1/2005 15:31:36
Total Time:	0:05:37

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.55	-0.01	99.44	-1.16	1.55	-0.05	1468.41	2.4	224.06	-7.14	14.18	-0.01	15:29:33
3	6.54	-0.01	98.24	-1.2	1.51	-0.04	1468.2	-0.2	220.1	-3.96	14.15	-0.03	15:30:03
2	6.53	-0.01	96.87	-1.37	1.46	-0.05	1469.77	1.57	214.75	-5.35	14.19	0.04	15:30:33
1	6.53	-0.01	95.5	-1.37	1.44	-0.02	1471.93	2.16	220.18	5.43	14.27	0.08	15:31:04
0	6.53	0	94.22	-1.28	1.42	-0.02	1471.48	-0.45	210.68	-9.5	14.27	-0.01	15:31:36

pH Min:	6.53
pH Max:	6.55
ORP Min:	94.22
ORP Max:	99.44
DO Min:	1.42
DO Max:	1.55
Cond Min:	1468.2
Cond Max:	1471.93
Turb Min:	210.68
Turb Max:	224.06
Temp Min:	14.15

Temp Max: 14.27

Notes:

Device Record:

In-Situ Inc. Troll 9000 Pro XP

Report generated: 3/2/2005 9:26:49
Report from file: ...\15-03095.14-007-Hartford Working Group-MP-66C-2-1-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31923
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 2/1/2005 15:25:59
Test started on: 2/1/2005 15:25:59
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0:0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 12

TOTAL DATA SAMPLES 12

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name: Pressure
Sensor Range: 30 PSIG.
Specific gravity: 1
Mode: TOC
User-defined reference: 0 Feet H2O
Referenced on: test start
Pressure head at reference: 0:482 Feet H2O

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[2] Pressure Feet H2O	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
2/1/2005	15:25:59	0	57.53	0	29.909	252.9	2.785	107	6.69	2315	1143.19
2/1/2005	15:26:29	30	57.52	0.039	29.909	261.9	2.785	106	6.65	2085	1149.09
2/1/2005	15:26:59	60	57.57	0.064	29.909	258.4	2.785	105	6.63	1936	1152.2
2/1/2005	15:27:29	90	57.55	0.084	29.908	278.6	2.785	104	6.6	1792	1153.76
2/1/2005	15:28:01	122	57.53	0.087	29.909	268.8	2.785	103	6.58	1720	1156.1
2/1/2005	15:28:32	153	57.55	0.042	29.91	252.8	2.785	102	6.57	1654	1161.35
2/1/2005	15:29:02	183	57.55	0.015	29.911	231.2	2.785	101	6.56	1595	1163.46
2/1/2005	15:29:33	214	57.53	-0.011	29.912	224.1	2.785	99	6.55	1548	1165.05
2/1/2005	15:30:03	244	57.47	-0.035	29.913	220.1	2.785	98	6.54	1512	1163.99
2/1/2005	15:30:33	274	57.55	-0.037	29.913	214.8	2.785	97	6.53	1462	1166.38
2/1/2005	15:31:04	305	57.69	-0.039	29.914	220.2	2.811	96	6.53	1438	1170.38
2/1/2005	15:31:36	337	57.68	-0.017	29.914	210.7	2.785	94	6.53	1422	1169.84

Operator Name:	Aaron Smith
Company Name:	CLAYTON GROUP SERVICES
Project Name:	15-03095.14-007
Site Name:	Hartford Working Group
Well ID:	MP-67C

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [mg/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	10 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	BLADDER PUMP
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	35 [ft]
Well Depth:	39.72 [ft]
Well Diam:	2 [in]
Screen Len:	176.5 [in]
Screen Depth:	25 [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	27.86 [ft]
Pump Level (TOC):	32 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (156.2 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	273.22 [mL]
Actual Total Volume:	273.22 [mL]
Calculated Measurement Interval:	8197 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	1/27/2005	16:43:45
End date/time:	1/27/2005	16:47:27
Total Time:	0:03:42	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [mg/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [C]	Variance	Time
4	6.43	0	175.64	-0.68	5.81	0.34	998.82	2.66	38.81	-7.33	14.83	-0.11	16:45:15
3	6.43	0	174.7	-0.94	5.34	-0.48	994.1	-4.72	31.03	-7.77	14.94	0.11	16:45:47
2	6.44	0	174.02	-0.68	5.5	0.17	997.26	3.16	39.31	8.28	15.01	0.07	16:46:18
1	6.44	0	173.25	-0.77	5.36	-0.14	994.88	-2.38	40.31	0.99	15.15	0.14	16:46:48
0	6.44	0	172.57	-0.68	4.95	-0.41	995.82	0.95	39.42	-0.88	15.11	-0.04	16:47:19

pH Min:	6.43
pH Max:	6.44
ORP Min:	172.57
ORP Max:	175.64
DO Min:	4.95
DO Max:	5.81
Cond Min:	994.1
Cond Max:	998.82
Turb Min:	31.03
Turb Max:	40.31
Temp Min:	14.83

Temp Max: 15.15

Notes:

Device Record:

In-Situ Inc. Troll 9000 Pro XP

Report generated: 3/2/2005 9:30:41
Report from file: ...\15-03095.14-007-Hartford Working Group-MP-67C-1-27-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31923
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 1/27/2005 16:43:45
Test started on: 1/27/2005 16:43:45
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 8

TOTAL DATA SAMPLES 8

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name: Pressure
Sensor Range: 30 PSIG.
Specific gravity: 1
Mode: TOC
User-defined reference: 0 Feet H2O
Referenced on: test start
Pressure head at reference: -0.478 Feet H2O

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH
Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[2] Pressure Feet H2O	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
1/27/2005	16:43:45	0	58.92	0	30.049	48.7	2.889	177	6.42	5646	802.2
1/27/2005	16:44:14	29	58.84	-0.01	30.049	49.1	2.889	177	6.43	5609	801.69
1/27/2005	16:44:45	60	58.89	-0.13	30.048	46.1	2.863	176	6.43	5475	804.77
1/27/2005	16:45:15	90	58.69	-0.269	30.049	38.8	2.889	176	6.43	5811	804.77
1/27/2005	16:45:47	122	58.89	-0.149	30.049	31	2.889	175	6.43	5336	803.1
1/27/2005	16:46:18	153	59.02	-0.156	30.05	39.3	2.889	174	6.44	5504	806.97
1/27/2005	16:46:48	183	59.27	-0.162	30.051	40.3	2.889	173	6.44	5363	807.75
1/27/2005	16:47:19	214	59.2	-0.16	30.051	39.4	2.889	173	6.44	4953	807.76

Operator Name:	Bret Hoekman
Company Name:	Clayton Group Services
Project Name:	Village of Hartford
Site Name:	15-03095.14.007
Well ID:	RW-1

pH Sensor:	Installed	Target Value	0.1 [pH]	Target Pecent	0 [%]
ORP Sensor:	Installed	Target Value	10 [mV]	Target Pecent	0 [%]
DO Sensor:	Installed	Target Value	200 [ug/L]	Target Pecent	0 [%]
Cond Sensor:	Installed	Target Value	200 [uS/cm @25C]	Target Pecent	0 [%]
Turb Sensor:	Installed	Target Value	200 [NTU]	Target Pecent	0 [%]

Pump Model/Type:	Bladder Pump
Tubing Type:	PVC
Tubing Diam:	0.17 [in]
Tubing Length:	45 [ft]
Well Depth:	44.35 [ft]
Well Diam:	30 [in]
Screen Len:	Unknown [in]
Screen Depth:	Unknown [ft]
Pump Inlet Depth:	0 [in]
Depth to Water:	32.29 [ft]
Pump Level (TOC):	40 [ft]

Final Pumping Rate:	0 [mL/min]
Stable Draw Down:	0 [in]
Total Volume Formula:	Volume = cup (200 mL) + tubing (200.9 mL) - pH_ORP (16 mL) - DO (14 mL) - Cond (13 mL) - Turb (40 mL)
Calculated Total Volume:	317.85 [mL]
Actual Total Volume:	317.85 [mL]
Calculated Measurement Interval:	9536 [sec]
Actual Measurement Interval:	30 [sec]

Start date/time:	2/2/2005	16:43:47
End date/time:	2/2/2005	16:56:55
Total Time:	0:13:08	

Reading #	pH [pH]	Variance	ORP [mV]	Variance	DO [ug/L]	Variance	Cond [uS/cm @25C]	Variance	Turb [NTU]	Variance	Temp [F]	Variance	Time
4	6.53	0	6.42	-1.24	556.17	15.06	592.24	0.91	9.62	-2.3	54.21	0.47	16:54:29
3	6.53	-0.01	5.35	-1.07	491.74	-64.44	595.53	3.29	9.12	-0.5	54.36	0.15	16:54:59
2	6.53	0	4.2	-1.15	435.35	-56.38	599.28	3.75	9.12	-0.01	54.36	0	16:55:30
1	6.53	0	3.05	-1.15	429.68	-5.67	596.47	-2.81	9.76	0.64	54.37	0.01	16:56:00
0	6.53	0	1.73	-1.32	406.72	-22.95	592.78	-3.69	9.28	-0.47	54.41	0.04	16:56:31

pH Min:	6.53
pH Max:	6.53
ORP Min:	1.73
ORP Max:	6.42
DO Min:	406.72
DO Max:	556.17
Cond Min:	592.24
Cond Max:	599.28
Turb Min:	9.12
Turb Max:	9.76
Temp Min:	54.21

Temp Max: 54.41

Notes:

Device Record:

In-Situ Inc. Troll 9000 Profiler XP

Report generated: 3/7/2005 15:20:11
Report from file: ...\Village of Hartford-15-03095.14.007-RW-1-2-2-2005.flo.bin
Win-Situ Version 4.51

Serial number: 31949
Firmware Version 1.46
Unit name: MP Troll 9000

Test name: LowFlow

Test defined on: 2/2/2005 16:43:47
Test started on: 2/2/2005 16:43:47
Test stopped on: N/A N/A

Data gathered using Event testing
Time between data points: 0.0 seconds
Time between default storages: 0.0 seconds
Monitoring data on channel [1]
Data stored if delta value exceeds: 0 Fahrenheit
Number of data samples: 26

TOTAL DATA SAMPLES 26

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [3]
Measurement type: Barometric Pressure
Channel name:

Channel number [4]
Measurement type: Turbidity
Channel name:

Channel number [5]
Measurement type: Battery Voltage
Channel name:

Channel number [11]
Measurement type: ORP
Channel name:

Channel number [12]
Measurement type: pH

Channel name:

Channel number [25]
Measurement type: Dissolved Oxygen
Channel name:

Channel number [45]
Measurement type: Conductivity, Low Range
Channel name:

Date	Time	ET (sec)	Chan[1] Temperature Fahrenheit	Chan[3] Barometric Inches Hg	Chan[4] Turbidity NTU	Chan[5] Battery Volts	Chan[11] ORP millivolts	Chan[12] pH pH	Chan[25] Clark DO micrograms/L	Chan[45] Conductivity microSiemens/cm Actual Conductivity
2/2/2005	16:43:47	0	47.67	29.775	18.2	2.629	103	7.2	9724	341.47
2/2/2005	16:44:18	31	49.04	29.775	13.8	2.655	93	7	7197	383.27
2/2/2005	16:44:48	61	50.49	29.775	12.9	2.629	81	6.86	4925	411.41
2/2/2005	16:45:19	92	51.46	29.776	11.3	2.655	70	6.77	3469	419.8
2/2/2005	16:45:49	122	52.02	29.776	11.3	2.655	62	6.71	2550	423.38
2/2/2005	16:46:20	153	52.67	29.777	10.6	2.655	54	6.67	1953	423.52
2/2/2005	16:46:50	183	52.8	29.777	10.8	2.655	48	6.63	1567	430.14
2/2/2005	16:47:21	214	52.73	29.777	10.3	2.629	42	6.62	1292	414.38
2/2/2005	16:47:51	244	52.94	29.778	12.2	2.655	37	6.6	1083	424.82
2/2/2005	16:48:22	275	52.77	29.778	9.5	2.655	33	6.59	953	430.63
2/2/2005	16:48:52	305	52.75	29.777	8.9	2.655	29	6.59	841	437.9
2/2/2005	16:49:23	336	53.36	29.777	9.9	2.655	26	6.58	715	434.01
2/2/2005	16:49:53	366	53.47	29.778	10.3	2.629	23	6.57	643	435.52
2/2/2005	16:50:24	397	53.51	29.777	9.9	2.655	20	6.56	602	434.78
2/2/2005	16:50:55	428	53.54	29.778	8.8	2.655	17	6.56	550	442.76
2/2/2005	16:51:25	458	53.78	29.778	8.7	2.655	15	6.56	511	445.51
2/2/2005	16:51:56	489	53.74	29.778	9.1	2.629	13	6.55	478	443.12
2/2/2005	16:52:26	519	53.9	29.778	8.7	2.655	12	6.55	464	440.83
2/2/2005	16:52:57	550	54.09	29.778	8.9	2.629	10	6.54	478	443.68
2/2/2005	16:53:27	580	53.98	29.778	9.2	2.655	9	6.54	514	443.28
2/2/2005	16:53:58	611	53.74	29.778	11.9	2.629	8	6.53	541	445.39
2/2/2005	16:54:29	642	54.21	29.778	9.6	2.655	6	6.53	556	449.04
2/2/2005	16:54:59	672	54.36	29.779	9.1	2.629	5	6.53	492	452.45
2/2/2005	16:55:30	703	54.36	29.78	9.1	2.655	4	6.53	435	455.33
2/2/2005	16:56:00	733	54.37	29.78	9.8	2.629	3	6.53	430	453.25
2/2/2005	16:56:31	764	54.41	29.779	9.3	2.629	2	6.53	407	450.7

Appendix D

APPENDIX D

SOP NO. 415a – LOW FLOW GROUNDWATER SAMPLING

Standard Operating Procedure No. 415a

LOW FLOW GROUNDWATER SAMPLING

Taken from U.S. Environmental Protection Agency – Region I, July 30, 1996, Revision 2 and U. S. Environmental Protection Agency – Regions 5 and 10, "Ground-Water Sampling Guidelines for Superfund and RCRA Project Managers (EPA-542-S-02-001)", May 2002

Equipment:

- Adjustable rate peristaltic pump or an adjustable rate low-flow submersible or positive displacement bladder pump (Use of a peristaltic pump is limited to wells where groundwater is within the lift capability of the pump.);
- 1/4 to 3/8-inch Teflon, PVC, polyethylene, or polypropylene tubing;
- Water level measuring device;
- Weighted steel tape;
- Flow measurement supplies (e.g., graduated cylinder and stop watch);
- Power source;
- Indicator field parameter monitoring instruments - pH, Eh, dissolved oxygen (DO), turbidity, specific conductance, and temperature. If possible use a flow-through-cell to measure all listed parameters, except turbidity;
- Standards to perform field calibration of instruments;
- Decontamination supplies;
- Logbook;
- Sample bottles;
- Sample cooler and ice;
- Sample labels and chain-of-custody forms.

1. Measure the depth to water to the nearest 0.01 foot.

2. Determine the water level position in the well, relative to the screened interval, and place pump/tubing intake as appropriate for the relative position of the water level. Refer to the attached flow chart for appropriate pump/tubing intake positioning.

3. Before starting pump, measure water level to nearest 0.01 foot.

4. Purge Well:

Start the pump at its lowest speed setting and slowly increase the speed until discharge occurs. Check water level. Adjust pump speed until there is little or no water level drawdown. Drawdown should not exceed 0.3 feet. If drawdown exceeds 0.3 feet, lower the flow rate. During the early phase of purging, emphasis should be put on minimizing and stabilizing pumping stress, and recording those adjustments. Once stabilized, continue purging until water quality indicator field parameters stabilize (see 5. below).

During purging, monitor and record water level and pumping rate regularly at 30-second to 5-minute intervals during purging. Record any pumping rate adjustments (both time and flow rate). Pumping rates should be reduced to the minimum capabilities of the pump (for example, 0.1 - 0.4 L/min) to ensure stabilization of indicator parameters. Adjustments are best made in the first 15 minutes of pumping in order to help minimize purging time. During pump start-up, drawdown may exceed the 0.3 feet target and then recover as pump flow adjustments are made. Purge volume calculations should utilize stabilized drawdown value, not the initial drawdown. Do not allow the water level to fall to the intake level (if the static water level is above the well screen, avoid lowering the water level into the screen). The final purge volume must be greater than the stabilized drawdown volume plus the extraction tubing volume.

If the recharge rate of the well is lower than extraction rate capabilities of the pumps and the well is essentially dewatered during purging, then the well should be sampled no sooner than two hours after purging, and after a sufficient volume (commonly 90%) has recovered, or the water level has recovered sufficiently to collect the appropriate volume needed for all anticipated samples (ideally the intake should not be moved during this recovery period). Samples may then be collected even though the indicator field parameters have not stabilized.

5. Monitor Indicator Field Parameters:

After a minimum of one tubing volume (include pump and flow-through cell volumes) has been purged from the well, monitor indicator field parameters every 3 to 5 minutes (during continuous purging). The indicator field parameters ideally include turbidity, temperature, specific conductance, pH, oxidation-reduction potential (ORP/Eh), dissolved oxygen (DO); and at a minimum include pH, specific conductance, turbidity or DO. All measurements, except turbidity, ideally should be obtained using a flow-through-cell.

Purging is considered complete and sampling may begin when all indicator field parameters have stabilized. Stabilization is considered to be achieved when three

consecutive readings, taken at 3 to 5 minute intervals, are within the following limits:

turbidity (+/-10% NTUs),
DO (+/-0.3 mg/L),
specific conductance (+/- 3% S/cm),
temperature (3%),
pH (+ or - 0.1 unit),
ORP/Eh (+/- 10 millivolts).

Use the attached form for recording field measurements.

6. Collect water samples for laboratory analyses upon stabilization of field indicator parameters as described above (see 5.). Water samples must be collected directly into the laboratory container from the tubing, before water has passed through the flow-through-cell (use a by-pass assembly or disconnect cell to obtain sample).

Attachments

- Flow chart for appropriate setting of pump / tubing intake
- Form for recording field measurements

Low Flow Sampling Monitoring Well Sampling Pump/Tubing Intake

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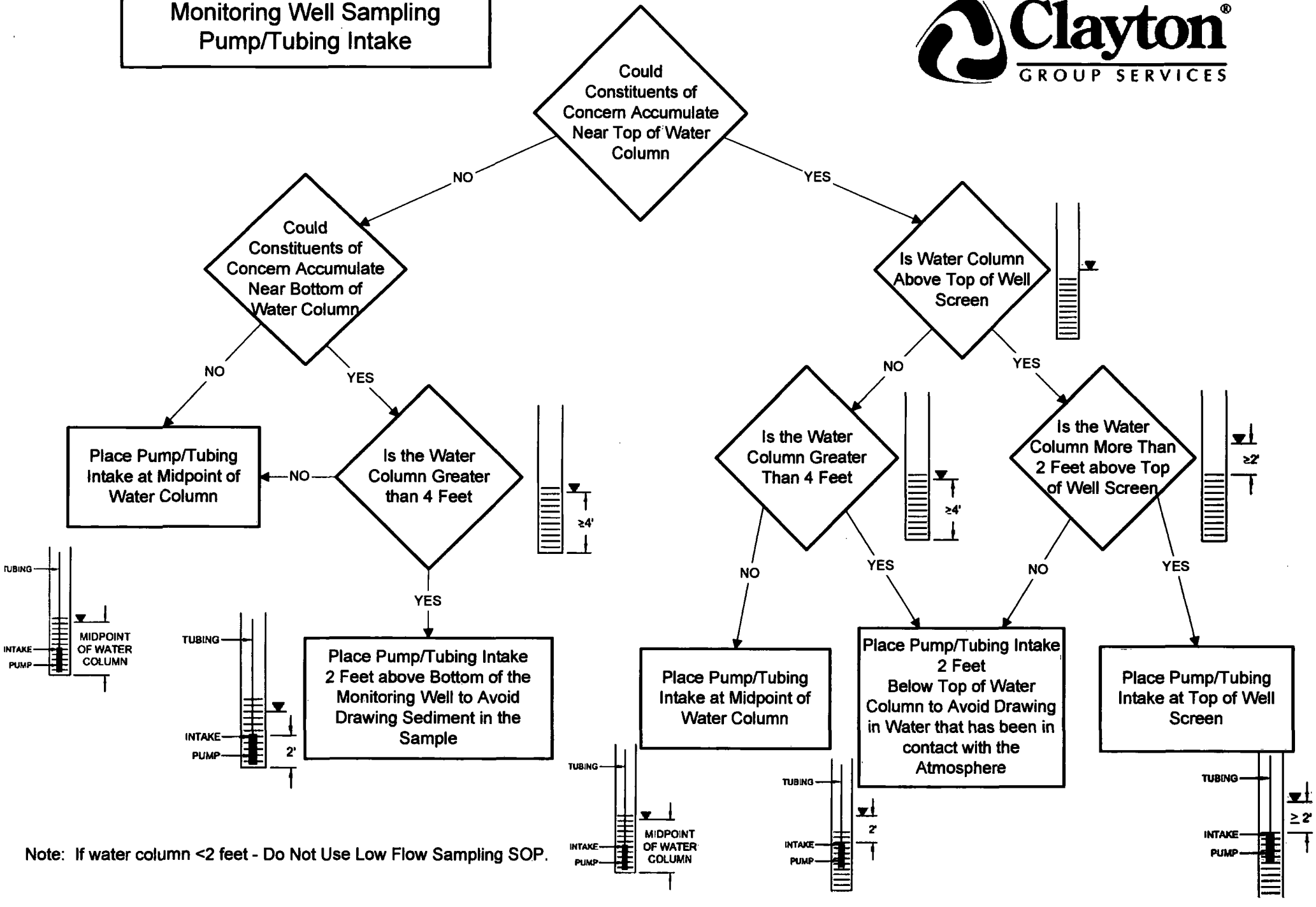

Note: If water column <2 feet - Do Not Use Low Flow Sampling SOP.