URS

EPA Region 5 Records Ctr.
360052

July 15, 2008

Mr. Kevin Turner
USEPA Regional V
Emergency Response Branch
8588 Route 148
Marion, Illinois 26959

Mr. Steven Faryan
USEPA Regional V
Emergency Response Branch
HSE-5J
77 West Jackson Blvd.
Chicago, Illinois 60604-3590

RE: Draft Quarterly Groundwater Monitoring Summary Report – 2nd Quarter, April 2008
The Hartford Area Hydrocarbon Plume Site/Hartford, Illinois
ILR000128249 – Madison County – LPC 1190505040
URS Project No. 21561955

Dear Messrs. Turner and Faryan:

URS Corporation (URS), on behalf of the Hartford Working Group (HWG) is submitting this Quarterly Groundwater Monitoring Summary Report for the 2nd Quarter of 2008. The activities presented in this report were completed in accordance with Clayton's January 4, 2006 *Dissolved Phase Groundwater Investigation Report*. This summary report focused on monitoring conditions along the perimeter of the dissolved phase plume in northern Hartford and includes the sentinel well sampling activities and results.

The Site geology consists of alternating alluvial deposits of clay and silt. This alluvium overlies alluvial sands and sandy glacial outwash that ranges from 60 to 130 feet thick and is known, locally, as the Main Sand. The overlying permeable zones within the alluvium are locally known (in descending order) as the North Olive, the Rand and the EPA Strata. These deposits are overlain and bounded by several clay deposits identified (in descending order) as the A Clay Stratum, which overlies the entire Site, and localized deposits of the B Clay, the C Clay and the D Clay Strata. The regionally extensive Main Sand underlies the fine-grained alluvial deposits.

Groundwater within the North Olive Stratum, which is potentially seasonal or ephemeral, occurs as isolated areas of perched water on the surface of the underlying B Clay Stratum in Hartford. Historical data has not indicated any significant areas of continually perched water in this stratum. The April 2008 well gauging for the North Olive Stratum revealed that the locations where groundwater was encountered were generally scattered with only small, localized areas that contained water levels above the stratum base. Therefore, the groundwater map created for the North Olive Stratum presents only the elevation data where groundwater was present and the saturated thickness above the stratum base (Figure 1).

1001 Highland Plaza Drive West, Suite 300
St. Louis, MO 63110
Phone: 314.429.0100
Fax: 314.429.0462

Groundwater within the Rand Stratum in Hartford is also considered to represent localized areas of potentially seasonal or ephemeral perched water on the surface of the underlying C Clay Strata. Groundwater in the Rand Stratum appears to be confined northeast of Hartford at the Shell sites, as this is the only area where the Rand Stratum was extensively saturated. Therefore, the groundwater flow map created for the Rand Stratum, in general, does not contour elevation data for monitoring well locations south of Birch Street. The April 2008 groundwater flow map indicates the presence of a groundwater mound located northeast of the Site (Figure 2). Groundwater flows radially away from this mound. Groundwater from this mound extends and flows southwest into the Village and is controlled by the topography of the base of the Rand Stratum.

Groundwater within the EPA Stratum is generally confined and hydraulically connected to the Main Sand in northeastern Hartford, on the Shell Tannery Property, the Shell Rand Avenue Site, and the Premcor Facility. The April 2008 groundwater flow map of the combined EPA and Main Sand Strata indicates the presence of a groundwater divide, located northeast of the Site, trending along a general northwest/southeast axis (Figure 3). Groundwater on the eastern side of the divide flows in a northeasterly direction while flow on the western side of the divide is in a southwesterly direction. As the southwesterly flow reaches beyond the extent of the D Clay Stratum, a portion of groundwater is captured in the west portion of the Premcor Facility (which includes Production Well P-2, screened between approximately 84 to 114 feet below ground surface [bgs] in the Main Sand, and Shallow Pumping Well RPW-01 screened between approximately 32 to 72 feet bgs in the EPA Stratum and the Main Sand). A groundwater convergence zone occurs along the western extent of the D Clay Stratum extending northwest from Hawthorne Street near Premcor Production Well P-2 to Rand Avenue.

The April 2008 groundwater flow map for the Main Sand indicates the flow direction underlying Hartford was primarily northeasterly with localized variable flow directions in the vicinity of and towards Production Wells P-1/P-2 and Shallow Pumping Well RPW-01 located in the northwestern portion of the Premcor Facility, north of East Hawthorne Street (Figure 4). Hartford Municipal Well #4 was in use at the time of the April gauging, however it was not operating during the gauging of nearby wells.

1001 Highland Plaza Drive West, Suite 300
St. Louis, MO 63110
Phone: 314.429.0100
Fax: 314.429.0462

Gauging results indicated that light non-aqueous phase liquid (LNAPL) was primarily found in the combined EPA and Main Sand Strata, and was limited in Hartford to south of Rand Avenue, east of Illinois State Route 3 and north of East Maple Street. A localized identification of LNAPL was present in the Rand Stratum at the northeast corner of the Site. The extent of the dissolved phase hydrocarbon plume is defined within the available area of investigation.

The sentinel wells have not been impacted by the LNAPL underlying northern Hartford. In addition, BTEX constituents were not detected at quantifiable concentrations or detected above applicable TACO Tier 1 GROs for Class I groundwater in the sentinel wells. An estimated detection (J flagged) of MTBE was present in sentinel well HMW-27 (1.7 ug/L). The detection was below applicable TACO Tier 1 GROs for Class I groundwater.

Groundwater analytical results along the southern and western boundary of the interpreted extent of the Rapid Optical Screening Tool (ROST) response showed no indications of dissolved phase hydrocarbons. Groundwater analytical results along the northern (HMW-49 series) and eastern (HMW-50C) boundaries of the Site indicate the presence of dissolved phase hydrocarbon concentrations above groundwater comparison values. Summaries of the groundwater analytical results (BTEX, MTBE, total lead, and dissolved lead concentrations) for the Rand Stratum, EPA Stratum and Main Sand are presented in Figures 5, 6, and 7, respectively.

The conclusions drawn from the second quarter 2008 activities are consistent with Clayton's (2006) *Dissolved Phase Groundwater Investigation Report,* with previous quarterly groundwater monitoring reports, and with groundwater flow in the Main Sand, which, based on a review of both historical and April 2008 flow mapping data, has consistently been northerly. These conclusions are:

- The extent of the dissolved phase hydrocarbon plume is defined within the available area of investigation. The plume is bounded by approximately Hawthorne Street to the south and along portions of Illinois Route 3 to the west. Neither the Hartford Municipal Wells nor the sentinel wells have not been impacted by the LNAPL.

1001 Highland Plaza Drive West, Suite 300
St. Louis, MO 63110
Phone: 314.429.0100
Fax: 314.429.0462

- The groundwater analytical results along the southern and western boundaries of the interpreted extent of the ROST response did not indicate the presence of dissolved phase hydrocarbons.

- The groundwater analytical results along the northern and eastern boundaries of the Site indicated the presence of dissolved phase hydrocarbon concentrations above applicable groundwater comparison values.

- The sentinel wells have not been impacted by the LNAPL underlying northern Hartford. BTEX or MTBE constituents were not detected at quantifiable concentrations, except for the anamolous estimated detectionof MTBE at HMW-27. BTEX or MTBE constituents were not detected above applicable TACO Tier 1 GROs for Class I groundwater. The conclusion is also based on the groundwater flow mapping of the Main Sand, which shows flow in the area of the LNAPL plume in northern Hartford is to the northeast, away from the Hartford WHPA and the Hartford municipal water supply wells.

The next quarterly sampling event is scheduled to begin July 8, 2008. This event will be conducted in accordance with the January 2006 *Dissolved Phase Groundwater Investigation Report* (Clayton, 2006). A well gauging event will also be conducted for the Hartford, Shell and Premcor groundwater monitoring wells at that time.

Please contact me with any questions.

Very truly yours,

Steven J. Shroff
Project Manager

Encl.:

Table 1	Summary of 2008 Quarterly Groundwater Elevations Through April – The Hartford Area Hydrocarbon Plume Site
Table 2	Summary of 2008 Quarterly Groundwater Elevations Through April – Wells (Shell Sites) Outside of Hartford, Illinois

1001 Highland Plaza Drive West, Suite 300
St. Louis, MO 63110
Phone: 314.429.0100
Fax: 314.429.0462

Table 3	Summary of 2008 Quarterly Groundwater Elevations Through April – Wells Located in Premcor Facility
Table 4	Summary of Groundwater Analytical Results – BTEX and MTBE – April 2008
Table 5	Summary of Groundwater Analytical Results – Metals (Total and Dissolved) – April 2008
Table 6	Summary of Groundwater Analytical Results – General Chemistry and Natural Attenuation Parameters – April 2008
Table 7	Indicator Parameters – April 2008 Quarterly Sampling
Figure 1	Groundwater Elevation Map – April 7-8, 2008 – North Olive Stratum
Figure 2	Groundwater Flow Map – April 7-8, 2008 – Rand Stratum
Figure 3	Groundwater Flow Map – April 7-8, 2008 – Combined EPA Stratum and Shallow Main Sand Strata
Figure 4	Groundwater Flow Map – April 7-8, 2008 – Main Sand
Figure 5	Groundwater Analytical Results – Rand Stratum
Figure 6	Groundwater Analytical Results – EPA Stratum
Figure 7	Groundwater Analytical Results – Main Sand Stratum

cc: Hartford Working Group
Michelle Majack (USEPA, Region 5 – 1 copy)
Jim Moore (IEPA, Springfield – 3 copies)
Chris Cahnovsky (IEPA, Collinsville – 1 copy)
Dave Webb (Illinois DPH – 1 copy)
Tom Binz (Professional Environmental Engineers Inc./USEPA – 4 copies)
Don Bussey (USEPA – 1 copy)

1001 Highland Plaza Drive West, Suite 300
St. Louis, MO 63110
Phone: 314.429.0100
Fax: 314.429.0462

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	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)	Do[1]	Piezometric Surface Elevation[2] (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
HB-016	Main Sand	07-Jan-08	431.42	34.79	35.07	396 63	396 35	0.28	0.02	396.57		39.41	TD not measured
HB-016	Main Sand	04-Apr-08	431.42	30.11	30.66	401 31	400.76	0.55	0.04	401.18		39.41	TD not measured
HB-030	Main Sand	07-Jan-08	431.08	34.21	35.03	396 87	396.05	0.82	0.07	396.68		39.34	TD not measured
HB-030	Main Sand	04-Apr-08	431.08	30.13	30.38	400 95	400.7	0.25	0.02	400.89		39.34	TD not measured
HB-031	Main Sand	07-Jan-08	431.49									43.69	Inaccessible; Access not Allowed by Property Owner
HB-032	Main Sand	07-Jan-08	433 45		37.48		395.97	0.00	0.00	395.97		44.25	TD not measured
HB-032	Main Sand	07-Jan-08	433.45		37.48		395.97	0 00	0.00	395 97		48	TD not measured
HB-032	Main Sand	07-Apr-08	433 45		32 45		401	0.00	0.00	401	45.95	48	
HB-033	Rand / C Clay / EPA / D Clay / Main Sand	07-Jan-08	429.46									42.57	No Measurements; Well Dry
HB-033	Rand / C Clay / EPA / D Clay / Main Sand	07-Apr-08	429.46		28.36		401.1	0.00	0.00	401.1		42.57	TD not measured
HB-037	Main Sand	07-Jan-08	431.77	35.29	35.35	396.48	396.42	0.06	0.005	396.47		39.42	TD not measured
HB-037	Main Sand	07-Apr-08	431.77		30.73		401.04	0.00	0.00	401.04		39.42	TD not measured
HB-038	Main Sand	07-Jan-08	429.92		32.79		397.13	0.00	0 00	397.13		38.65	TD not measured
HB-038	Main Sand	07-Apr-08	429.92		28.26		401.66	0.00	0.00	401.66		38.65	TD not measured
HMW-001	Rand	07-Jan-08	429.94									22.778	No Measurements; Well Dry
HMW-001	Rand	07-Apr-08	429.94		19.19		410.75	0.00	0.00	410.75		22.778	TD not measured
HMW-002	Main Sand	07-Jan-08	429.65	32.99	34.86	396.66	394.79	1.87	0.31	396.23		35.891	TD not measured
HMW-002	Main Sand	07-Apr-08	429 65	28.73	29.73	400.92	399.92	1.00	0.03	400.69		35.891	TD not measured
HMW-003	EPA	07-Jan-08	428.72		30.83		397.89	0.00	0.00	397.89		34.315	TD not measured
HMW-003	EPA	07-Apr-08	428.72		25.05		403.67	0.00	0.00	403.67		34.315	TD not measured
HMW-004	Rand	07-Jan-08	428.96		18.85		410.11	0.00	0.00	410.11		25.46	TD not measured
HMW-004	Rand	07-Apr-08	428.96		8.86		420.1	0 00	0.00	420.1		25.46	TD not measured
HMW-007	Rand	07-Jan-08	429.12		25.84		403.28	0.00	0.00	403.28		26.687	TD not measured
HMW-007	Rand	07-Apr-08	429.12		24.82		404.3	0.00	0.00	404 3		26.687	TD not measured
HMW-008	Main Sand	07-Jan-08	429.74	33.29	35.58	396.45	394.16	2.29	0 44	395.92		42.151	TD not measured
HMW-008	Main Sand	07-Apr-08	429.74	28.74	28.88	401	400.86	0.14	0 01	400.97		42.151	TD not measured
HMW-009	N. Olive / B Clay / Rand	07-Jan-08	430.23								23.18	22.671	No Measurements; Well Dry
HMW-009	N. Olive / B Clay / Rand	07-Apr-08	430.23								23.19	22.671	No Measurements; Well Dry
HMW-010	Main Sand	07-Jan-08	430.2	33.52	34.87	396 68	395.33	1.35	0.14	396.37		42.633	TD not measured
HMW-010	Main Sand	07-Apr-08	430.2	28.88	31.31	401.32	398.89	2.43	0.48	400.76		42.633	TD not measured
HMW-013	N. Olive	07-Jan-08	430.81		18.73		412.08	0 00	0.00	412.08		18.96	TD not measured
HMW-013	N. Olive	07-Apr-08	430.81		18.3		412.51	0.00	0.00	412 51		18.96	TD not measured
HMW-014	Rand / C Clay / Main Sand	07-Jan-08	430 86	34.15	36.1	396.71	394.76	1.95	0.33	396.26		37 639	TD not measured
HMW-014	Rand / C Clay / Main Sand	07-Apr-08	430 86	29.18	30.57	401.68	400.29	1.39	0.16	401.36		37.639	TD not measured
HMW-018	Main Sand	07-Jan-08	431.58	34.56	36.53	397.02	395.05	1.97	0.34	396.57		42.546	TD not measured
HMW-018	Main Sand	07-Apr-08	431.58	29.67	30.1	401.91	401.48	0.43	0.03	401.81		42.546	TD not measured
HMW-019	Main Sand	07-Jan-08	431.8	35 02	36.2	396.78	395 6	1.18	0.09	396.51		42 11	TD not measured
HMW-019	Main Sand	07-Apr-08	431.8	29.35	31.19	402.45	400.61	1.84	0.3	402.03		42.11	TD not measured
HMW-020	Rand / C Clay / Main Sand	07-Jan-08	430.65	34.09	35.07	396.56	395.58	0.98	0.08	396.33		42.049	TD not measured
HMW-020	Rand / C Clay / Main Sand	07-Apr-08	430 65	29.44	31.25	401.21	399 4	1 81	0.29	400.79		42.049	TD not measured
HMW-021	N. Olive / B Clay / Rand	07-Jan-08	430.05									24.066	No Measurements; Well Dry
HMW-021	N Olive / B Clay / Rand	07-Apr-08	430.05		21.82		408.23	0.00	0 00	408.23	24.72	24.066	
HMW-022	Main Sand	07-Jan-08	430.15	33.64	36.03	396.51	394.12	2.39	0 47	395.96		39 766	TD not measured
HMW-022	Main Sand	07-Apr-08	430.15		29.17		400 98	0.00	0 00	400.98	40.41	39.766	
HMW-025	Main Sand	07-Jan-08	427.45		29.9		397 55	0.00	0 00	397.55		38.673	TD not measured
HMW-025	Main Sand	07-Apr-08	427.45		23 28		404 17	0.00	0 00	404.17		38.673	TD not measured
HMW-026	Main Sand	07-Jan-08	425.2		27.45		397 75	0.00	0 00	397.75		39.606	TD not measured
HMW-026	Main Sand	07-Apr-08	425.2		22.61		402.59	0.00	0.00	402 59		39.606	TD not measured
HMW-027	Main Sand	07-Jan-08	430.51		32.67		397.84	0 00	0 00	397.84		39.39	TD not measured
HMW-027	Main Sand	07-Apr-08	430.51		28.41		402.1	0 00	0.00	402.1		39.39	TD not measured
HMW-028	Main Sand	07-Jan-08	430.97		32.87		398.1	0.00	0.00	398.1		39.674	TD not measured
HMW-028	Main Sand	07-Apr-08	430.97		27 94		403.03	0 00	0.00	403.03		39.674	TD not measured
HMW-029	Main Sand	07-Jan-08	429.13		30 55		398.58	0.00	0.00	398.58		38.8	TD not measured
HMW-029	Main Sand	07-Apr-08	429.13		27.54		401.59	0.00	0.00	401.59		38.8	TD not measured
HMW-030	Rand / C Clay / Main Sand	07-Jan-08	430.07	33.79	35.35	396.28	394.72	1.56	0.00	395.92		43.59	TD not measured
HMW-030	Rand / C Clay / Main Sand	07-Apr-08	430.07	28.78	30.43	401.29	399.64	1.65	0.00	400.91	43 86	43.59	
HMW-031	Rand / C Clay / Main Sand	07-Jan-08	430.09	34.01	34.7	396.08	395.39	0.69	0.05	395.92		43.49	TD not measured
HMW-031	Rand / C Clay / Main Sand	07-Apr-08	430.09	29.17	29.23	400.92	400.86	0.06	0.004	400.91	43.7	43.49	
HMW-032	Rand / C Clay / Main Sand	07-Jan-08	430.01	33.91	34.52	396.1	395.49	0.61	0.04	395.96		42.53	TD not measured
HMW-032	Rand / C Clay / Main Sand	07-Apr-08	430.01	28.99	29.37	401.02	400.64	0.38	0.03	400.93		42.53	TD not measured
HMW-033	Rand / C Clay / Main Sand	07-Jan-08	430.13	33.65	36.11	396.48	394.02	2.46	0.47	395.91		43.39	TD not measured
HMW-033	Rand / C Clay / Main Sand	07-Apr-08	430.13	28.34	32.38	401.79	397.75	4.04	0.95	400.86		43.39	TD not measured
HMW-034	Rand / C Clay / Main Sand	07-Jan-08	429.83	33.16	35.22	396.67	394.61	2.06	0 35	396.2		43.63	TD not measured
HMW-034	Rand / C Clay / Main Sand	07-Apr-08	429.83	28.5	30.75	401.33	399.08	2.25	0.4	400.81		43.63	TD not measured
HMW-035	Rand / C Clay / Main Sand	07-Jan-08	429.81	33.14	35.26	396.67	394.55	2.12	0.36	396.18		43.2	TD not measured
HMW-035	Rand / C Clay / Main Sand	07-Apr-08	429.81	28.91	29.48	400 9	400.33	0.57	0.04	400.77		43.2	TD not measured
HMW-036	Rand / C Clay / Main Sand	07-Jan-08	429.91	33.22	35.41	396 69	394.5	2.19	0.39	396.19		43.83	TD not measured

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	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)	Do'	Piezometric Surface Elevation' (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
HMW-036	Rand / C Clay / Main Sand	07-Apr-08	429 91	28 53	31.13	401.38	398.78	2.60	0.51	400.78		43.83	TD not measured
HMW-037	Rand / C Clay / Main Sand	07-Jan-08	429 61	32.89	34.9	396.72	394.71	2.01	0.33	396.26		43 5	TD not measured
HMW-037	Rand / C Clay / Main Sand	07-Apr-08	429.61	28.8	28.98	400.81	400.63	0.18	0.01	400.77		43.5	TD not measured
HMW-038A	N. Olive	07-Jan-08	430.06									16.6	No Measurements; Well Dry
HMW-038A	N Olive	07-Apr-08	430.06								16.88	16 6	No Measurements: Well Dry
HMW-038B	B/C Clay (PL in B/C Clay)	07-Jan-08	429 93									25 1	No Measurements: Well Dry
HMW-038B	B/C Clay (PL in B/C Clay)	07-Apr-08	429.93		23.72		406 21	0 00	0.00	406.21		25.1	TD not measured
HMW-038C	Main Sand	07-Jan-08	430.23		34.76		395 47	0.00	0.00	395 47		42	TD not measured
HMW-038C	Main Sand	07-Apr-08	430 23		28 91		401.32	0 00	0 00	401.32		42	TD not measured
HMW-039A	Main Silt (Rand Horizon)	07-Jan-08	426.46		20.39		406 07	0.00	0.00	406 07		20.72	TD not measured
HMW-039A	Main Silt (Rand Horizon)	07-Apr-08	426.46		19.28		407.18	0.00	0.00	407.18		20.72	TD not measured
HMW-039B	Main Silt (Rand Horizon)	07-Jan-08	426.55		24.07		402.48	0.00	0.00	402.48		29.7	TD not measured
HMW-039B	Main Silt (Rand Horizon)	07-Apr-08	426.55		20 17		406.38	0.00	0.00	406.38		29.7	TD not measured
HMW-039C	Main Sand	07-Jan-08	426.28		30.36		395.92	0.00	0.00	395.92		41.54	TD not measured
HMW-039C	Main Sand	07-Apr-08	426.28									41.54	No Measurements; Air Eqpmt in Well
HMW-040A	A Clay	07-Jan-08	425.01								13.25	12.74	No Measurements; Well Dry
HMW-040A	A Clay	07-Apr-08	425.01									12.74	No Measurements; Well Dry
HMW-040B	Main Sand	07-Jan-08	424.86		24.36		400.5	0.00	0.00	400.5		24.69	TD not measured
HMW-040B	Main Sand	07-Apr-08	424.86		22.15		402.71	0.00	0.00	402.71		24.69	TD not measured
HMW-040C	Main Sand	07-Jan-08	425.01		28.79		396 22	0.00	0.00	396.22		38.77	TD not measured
HMW-040C	Main Sand	07-Apr-08	425.01		22.47		402.54	0.00	0 00	402.54		38.77	TD not measured
HMW-041A	Main Silt (Rand Horizon)	07-Jan-08	425.42								18.15	17.71	No Measurements; Well Dry
HMW-041A	Main Silt (Rand Horizon)	07-Apr-08	425.42								18.13	17.71	No Measurements; Well Dry
HMW-041B	Main Silt (Rand Horizon)	07-Jan-08	425.62		28.27		397.35	0.00	0.00	397.35		31.71	TD not measured
HMW-041B	Main Silt (Rand Horizon)	07-Apr-08	425.62		23.8		401.82	0.00	0.00	401.82		31.71	TD not measured
HMW-041C	Main Sand	07-Jan-08	425.85		28.75		397.1	0.00	0.00	397.1		48.81	TD not measured
HMW-041C	Main Sand	07-Apr-08	425.85		23.41		402.44	0.00	0.00	402.44		48.81	TD not measured
HMW-042A	Main Silt (Rand Horizon)	07-Jan-08	431.39									26.17	No Measurements; Well Dry
HMW-042A	Main Silt (Rand Horizon)	07-Apr-08	431.39									26.17	No Measurements; Well Dry
HMW-042B	Main Sand	07-Jan-08	431.46	33.8	33.84	397.66	397.62	0 04	0 003	397.65		39.66	TD not measured
HMW-042B	Main Sand	07-Apr-08	431.46		29.44		402.02	0.00	0.00	402.02		39.66	TD not measured
HMW-043A	N. Olive	07-Jan-08	428.73									17.38	No Measurements; Well Dry
HMW-043A	N. Olive	07-Apr-08	428.73									17.38	No Measurements; Well Dry
HMW-043B	B/C Clay (PL in B/C Clay)	07-Jan-08	428.63									22.14	No Measurements; Well Dry
HMW-043B	B/C Clay (PL in B/C Clay)	07-Apr-08	428.63									22.14	No Measurements; Well Dry
HMW-043C	Main Sand	07-Jan-08	428.96		32.31		396.65	0.00	0.00	396.65		40.77	TD not measured
HMW-043C	Main Sand	07-Apr-08	428.96		28.06		400.9	0.00	0.00	400.9		40.77	TD not measured
HMW-044A	N. Olive	07-Jan-08	429.47		16.07		413.4	0.00	0.00	413.4		16.75	TD not measured
HMW-044A	N. Olive	07-Apr-08	429.47		16.07		413.4	0.00	0.00	413.4		16.75	TD not measured
HMW-044B	Rand	07-Jan-08	429.41									23.63	No Measurements, Well Dry
HMW-044B	Rand	07-Apr-08	429.41		23.02		406.39	0.00	0.00	406.39		23.63	TD not measured
HMW-044C	Main Sand	07-Jan-08	428.38	31.78	33.55	396.6	394.83	1.77	0.24	396.19		42.16	TD not measured
HMW-044C	Main Sand	07-Apr-08	428.38	27.28	29.91	401.1	398.47	2.63	0.5	400.5		42.16	TD not measured
HMW-044D	Main Sand (below LNAPL)	07-Jan-08	429.76		33.58		396.18	0.00	0.00	396.18		49.94	TD not measured
HMW-044D	Main Sand (below LNAPL)	07-Apr-08	429.76		29.3		400.46	0.00	0.00	400.46		49.94	TD not measured
HMW-045A	N Olive	07-Jan-08	431.17									17.54	No Measurements; Well Dry
HMW-045A	N. Olive	07-Apr-08	431.17									17.54	No Measurements; Well Dry
HMW-045B	Rand	07-Jan-08	431.22		27 6		403 62	0 00	0.00	403.62		28.16	TD not measured
HMW-045B	Rand	07-Apr-08	431 22		26.16		405.06	0.00	0.00	405.06		28.16	TD not measured
HMW-045C	Main Sand	07-Jan-08	430.87	35.12	35.44	395.75	395.43	0.32	0.02	395.68		44.31	TD not measured
HMW-045C	Main Sand	07-Apr-08	430.87	29.53	29.83	401.34	401.04	0.30	0.02	401.27		44.31	TD not measured
HMW-046A	N. Olive	07-Jan-08	430.51									17.57	No Measurements; Well Dry
HMW-046A	N. Olive	07-Apr-08	430.51								17.62	17.57	No Measurements; Well Dry
HMW-046B	B/C Clay (PL in B/C Clay)	07-Jan-08	430.61		24.75		405.86	0.00	0.00	405.86		25.63	TD not measured
HMW-046B	B/C Clay (PL in B/C Clay)	07-Apr-08	430.61		24.2		406.41	0.00	0.00	406.41		25.63	TD not measured
HMW-046C	Main Sand	07-Jan-08	430.49	34.91	35.14	395.58	395.35	0.23	0.02	395.53		40.82	TD not measured
HMW-046C	Main Sand	07-Apr-08	430.49	29.21	29.38	401.28	401.11	0.17	0.01	401.24		40.82	TD not measured
HMW-047A	N. Olive	07-Jan-08	430.5		19.34		411.16	0.00	0.00	411.16		19.77	TD not measured
HMW-047A	N. Olive	07-Apr-08	430.5		17.38		413.12	0.00	0.00	413.12		19.77	TD not measured
HMW-047B	B/C Clay (PL in B/C Clay)	07-Jan-08	430.13		21.62		408.51	0.00	0.00	408.51		22.34	TD not measured
HMW-047B	B/C Clay (PL in B/C Clay)	07-Apr-08	430.13		19.31		410.82	0.00	0.00	410.82		22.34	TD not measured
HMW-047C	Main Sand	07-Jan-08	430.61	35.01	35.1	395.6	395.51	0.09	0.006	395.58		44.3	TD not measured
HMW-047C	Main Sand	07-Apr-08	430.61		29.61		401	0.00	0.00	401		44.3	TD not measured
HMW-048A	N. Olive	07-Jan-08	429.16		13.86		415.3	0.00	0.00	415.3		14.7	TD not measured
HMW-048A	N. Olive	07-Apr-08	429.16		9.55		419.61	0.00	0.00	419.61		14.7	TD not measured
HMW-048B	Rand	07-Jan-08	429.18		18.89		410.29	0.00	0.00	410.29		29.26	TD not measured
HMW-048B	Rand	07-Apr-08	429.18		10.82		418.36	0.00	0.00	418.36		29.26	TD not measured

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	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)	Do	Piezometric Surface Elevation[1] (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
HMW-048C	EPA	07-Jan-08	429.02	31.1	31.51	397.92	397.51	0.41	0 03	397.83		40.68	TD not measured
HMW-048C	EPA	07-Apr-08	429.02	24.44	31.34	404.58	397.68	6.90	1.82	402.99		40.68	TD not measured
HMW-048D	Main Sand (below D Clay)	07-Jan-08	428.98		33.27		395.71	0.00	0 00	395.71		52.64	TD not measured
HMW-048D	Main Sand (below D Clay)	07-Apr-08	428.98		28.49		400.49	0.00	0.00	400.49		52.64	TD not measured
HMW-049A	N. Olive	07-Jan-08	430.21		12.88		417.33	0.00	0.00	417.33		13.23	TD not measured
HMW-049A	N. Olive	07-Apr-08	430.21		12.73		417.48	0.00	0.00	417 48		13.23	TD not measured
HMW-049B	B/C Clay (PL in B/C Clay)	07-Jan-08	430.23		23.43		406.8	0.00	0.00	406.8		23.84	TD not measured
HMW-049B	B/C Clay (PL in B/C Clay)	07-Apr-08	430.23		17.84		412.39	0.00	0.00	412 39		23.84	TD not measured
HMW-049C	EPA	07-Jan-08	430.18		33.03		397.15	0 00	0.00	397.15		39 19	TD not measured
HMW-049C	EPA	07-Apr-08	430.18		25.85		404.33	0.00	0.00	404.33		39.19	TD not measured
HMW-049D	Main Sand (below D Clay)	07-Jan-08	430 25		35.06		395 19	0 00	0.00	395.19		50.72	TD not measured
HMW-049D	Main Sand (below D Clay)	07-Apr-08	430.25		29.43		400 82	0.00	0.00	400.82		50.72	TD not measured
HMW-051A	N. Olive	07-Jan-08	425 46									13 62	No Measurements; Well Dry
HMW-051A	N. Olive	07-Apr-08	425.46								13.61	13 62	No Measurements, Well Dry
HMW-051B	Main Sand	07-Jan-08	425.51		24.75		400.76	0.00	0 00	400.76		25 27	TD not measured
HMW-051B	Main Sand	07-Apr-08	425 51		22.94		402.57	0 00	0 00	402 57		25.27	TD not measured
HMW-051C	Main Sand	07-Jan-08	425.42		28.86		396.56	0 00	0.00	396.56		42.23	TD not measured
HMW-051C	Main Sand	07-Apr-08	425.42		22.82		402.6	0.00	0.00	402.6		42.23	TD not measured
HMW-052A	Main Silt (N Olive Horizon)	07-Jan-08	427.8									20.17	No Measurements; Well Dry
HMW-052A	Main Silt (N. Olive Horizon)	07-Apr-08	427.8									20 17	No Measurements, Well Dry
HMW-052B	Main Silt (Rand Horizon)	07-Jan-08	427.81									26.67	No Measurements; Well Dry
HMW-052B	Main Silt (Rand Horizon)	07-Apr-08	427.81									26.67	No Measurements; Well Dry
HMW-052C	Main Sand	07-Jan-08	427.83		31		396.83	0.00	0.00	396.83		39.62	TD not measured
HMW-052C	Main Sand	07-Apr-08	427.83		26.75		401.08	0.00	0.00	401.08		39 62	TD not measured
HMW-053A	N. Olive	07-Jan-08	429.73									15.56	No Measurements; Well Dry
HMW-053A	N. Olive	07-Apr-08	429.73									15.56	No Measurements; Well Dry
HMW-053B	Main Silt (Rand Horizon) / Main Sand	07-Jan-08	429.76	33.05	33.88	396.71	395.88	0.83	0.07	396.52		40.79	TD not measured
HMW-053B	Main Silt (Rand Horizon) / Main Sand	07-Apr-08	429.76	28.71	29.73	401.05	400.03	1.02	0.04	400.82		40.79	TD not measured
HMW-053C	Main Sand (below LNAPL)	07-Jan-08	429.66		33.16		396.5	0.00	0.00	396.5		46.69	TD not measured
HMW-053C	Main Sand (below LNAPL)	07-Apr-08	429.66		28.87		400.79	0.00	0.00	400.79		46.69	TD not measured
HMW-054A	N. Olive	07-Jan-08	429.54								15.89	15.39	No Measurements; Well Dry
HMW-054A	N. Olive	07-Apr-08	429.54								15.86	15.39	No Measurements; Well Dry
HMW-054B	Main Sand	07-Jan-08	429.55	32.98	33 91	396.57	395.64	0.93	0.06	396.36		44.2	TD not measured
HMW-054B	Main Sand	07-Apr-08	429.55	28.14	31.35	401.41	398.2	3.21	0.67	400.67		44.2	TD not measured
HMW-054C	Main Sand (below LNAPL)	07-Jan-08	429.56		33.22		396.34	0.00	0.00	396.34		49.41	TD not measured
HMW-054C	Main Sand (below LNAPL)	07-Apr-08	429.56		28.99		400.57	0.00	0.00	400.57		49.41	TD not measured
HP-001A	Main Sand	07-Jan-08	425.84		27.51		398.33	0.00	0.00	398.33		39.49	TD not measured
HP-001A	Main Sand	07-Apr-08	425.84		19.5		406.34	0.00	0.00	406.34		39.49	TD not measured
HP-001B	Main Sand (Deep Nest well)	07-Jan-08	425.77		27.43		398.34	0.00	0.00	398.34		67.49	TD not measured
HP-001B	Main Sand (Deep Nest well)	07-Apr-08	425.77		19.39		406.38	0.00	0.00	406.38		67.49	TD not measured
HP-001C	Main Sand (Deep Nest well)	07-Jan-08	425.84		27.52		398.32	0.00	0.00	398.32		97.7	TD not measured
HP-001C	Main Sand (Deep Nest well)	07-Apr-08	425.84		19.4		406.44	0.00	0.00	406.44		97.7	TD not measured
HP-002	Main Sand	07-Jan-08	429.92		31.39		398 53	0.00	0.00	398.53		39.99	TD not measured
HP-002	Main Sand	07-Apr-08	429.92		24.04		405.88	0 00	0.00	405.88		39.99	TD not measured
HP-003A	Main Sand	07-Jan-08	429.28		30.75		398.53	0.00	0.00	398.53		44.64	TD not measured
HP-003A	Main Sand	07-Apr-08	429.28		23.81		405 47	0.00	0.00	405.47		44.64	TD not measured
HP-003B	Main Sand (Deep Nest well)	07-Jan-08	429.24		30.71		398.53	0.00	0.00	398.53		71.62	TD not measured
HP-003B	Main Sand (Deep Nest well)	07-Apr-08	429.24		23.74		405.5	0.00	0.00	405.5		71.62	TD not measured
HP-003C	Main Sand (Deep Nest well)	07-Jan-08	429.1		30.54		398.56	0.00	0.00	398.56		101.62	TD not measured
HP-003C	Main Sand (Deep Nest well)	07-Apr-08	429.1		23.56		405.54	0.00	0.00	405.54		101.62	TD not measured
HP-004A	Main Sand	07-Jan-08	430.94		32.8		398.14	0.00	0.00	398.14		45.02	TD not measured
HP-004A	Main Sand	08-Apr-08	430.94		26.97		403.97	0.00	0.00	403.97		45.02	TD not measured
HP-004B	Main Sand (Deep Nest well)	07-Jan-08	430.94		32.76		398.18	0.00	0.00	398.18		72.89	TD not measured
HP-004B	Main Sand (Deep Nest well)	08-Apr-08	430.94		26.92		404.02	0.00	0.00	404.02		72.89	TD not measured
HP-004C	Main Sand (Deep Nest well)	07-Jan-08	430.96		32.77		398.19	0.00	0.00	398.19		102.85	TD not measured
HP-004C	Main Sand (Deep Nest well)	08-Apr-08	430.96		26.9		404.06	0.00	0.00	404.06		102 85	TD not measured
HP-005A	Main Sand	07-Jan-08	424.42		25.42		399	0.00	0.00	399		39.49	TD not measured
HP-005A	Main Sand	07-Apr-08	424.42		17.57		406.85	0.00	0.00	406.85		39 49	TD not measured
HP-005B	Main Sand (Deep Nest well)	07-Jan-08	424.58		25.5		399.08	0.00	0.00	399.08		65.69	TD not measured
HP-005B	Main Sand (Deep Nest well)	07-Apr-08	424.58		17.73		406.85	0.00	0.00	406.85		65 69	TD not measured
HP-005C	Main Sand (Deep Nest well)	07-Jan-08	424.43		25.51		398.92	0.00	0.00	398.92		95.55	TD not measured
HP-005C	Main Sand (Deep Nest well)	07-Apr-08	424.43		17.58		406 85	0 00	0.00	406.85		95.55	TD not measured
HP-006	Main Sand	07-Jan-08	425.88		26.86		399.02	0.00	0 00	399.02		39.62	TD not measured
HP-006	Main Sand	07-Apr-08	425 88		19.15		406.73	0.00	0 00	406.73		39.62	TD not measured
HP-007	Main Sand	07-Jan-08	429 04		29.83		399.21	0.00	0.00	399.21		45.19	TD not measured
HP-007	Main Sand	07-Apr-08	429.04		22.69		406.35	0.00	0.00	406.35		45.19	TD not measured
HP-008	Main Sand	07-Jan-08	429.81		30.36		399.45	0.00	0.00	399.45		40.36	TD not measured

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	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)	Do	Piezometric Surface Elevation* (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
HP-008	Main Sand	07-Apr-08	429.81		24.65		405.16	0.00	0.00	405.16		40 36	TD not measured
HP-009	Main Sand	07-Jan-08	431.45		32.57		398.88	0.00	0.00	398.88		44.86	TD not measured
HP-009	Main Sand	07-Apr-08	431.45		26.37		405 08	0.00	0 00	405 08		44.86	TD not measured
IEPA-004	Main Sand	07-Jan-08	430.35	33.72	34.67	396.63	395.68	0.95	0.06	396.41		45.5	TD not measured
IEPA-004	Main Sand	07-Apr-08	430.35	29.42	30.82	400 93	399.53	1.40	0.15	400.61		45 5	TD not measured
MP-005D	Rand	07-Jan-08	430.02									28 5	Inaccessible; Could Not Locate
MP-005D	Rand	07-Apr-08	430.02									28.5	Inaccessible; Covered by Debris
MP-005S	A Clay	07-Jan-08	429.83									9.49	Inaccessible; Could Not Locate
MP-005S	A Clay	07-Apr-08	429 83									9.49	Inaccessible, Covered by Debris
MP-006D	Rand	07-Jan-08	430 13									27.37	Inaccessible; Could Not Locate
MP-006D	Rand	07-Apr-08	430.13									27.37	Inaccessible; Covered by Debris
MP-006S	A Clay	07-Jan-08	430.15									9.89	Inaccessible; Could Not Locate
MP-006S	A Clay	07-Apr-08	430.15									9.89	Inaccessible; Covered by Debris
MP-007D	Rand	07-Jan-08	430.16		24.81		405.35	0.00	0.00	405.35		26 78	TD not measured
MP-007D	Rand	07-Apr-08	430.16									26.78	Inaccessible, Covered by Trailer
MP-007S	A Clay	07-Jan-08	430.17		4 14		426 03	0 00	0.00	426 03		9 79	TD not measured
MP-007S	A Clay	07-Apr-08	430 17									9 79	Inaccessible, Covered by Trailer
MP-008D	Rand	07-Jan-08	430.14		25.18		404 96	0 00	0 00	404 96		27 27	TD not measured
MP-008D	Rand	07-Apr-08	430.14		22.99		407.15	0 00	0 00	407 15	25.61	27 27	
MP-008S	A Clay	07-Jan-08	430.2		6.16		424 04	0 00	0 00	424 04		9.83	TD not measured
MP-008S	A Clay	07-Apr-08	430.2		5.14		425 06	0.00	0.00	425 06	9.84	9.83	
MP-009D	Rand	07-Jan-08	430	24.02	24.04	405.98	405 96	0 02	0 001	405.98		27.53	TD not measured
MP-009D	Rand	07-Apr-08	430		21.54		408.46	0.00	0.00	408 46	24.61	27.53	
MP-009S	A Clay	07-Jan-08	430.05		4 68		425 37	0 00	0.00	425.37		9.83	TD not measured
MP-009S	A Clay	07-Apr-08	430 05		4 18		425.87	0 00	0 00	425 87	9.53	9.83	
MP-010D	B/C Clay / Main Silt (Rand Horizon)	07-Jan-08	430 37		22 28		408.09	0.00	0.00	408 09		27.66	TD not measured
MP-010D	B/C Clay / Main Silt (Rand Horizon)	07-Apr-08	430.37		16 12		414 25	0 00	0 00	414.25		27.66	TD not measured
MP-010S	A Clay (PL in A Clay)	07-Jan-08	430.53								9 9	9.69	No Measurements; Well Dry
MP-010S	A Clay (PL in A Clay)	07-Apr-08	430.53								9 9	9 69	No Measurements; Well Dry
MP-011D	B/C Clay / Main Silt (Rand Horizon)	07-Jan-08	431.19		23 4		407.79	0.00	0.00	407.79		27.63	TD not measured
MP-011D	B/C Clay / Main Silt (Rand Horizon)	07-Apr-08	431 19		16 5		414.69	0 00	0.00	414.69		27.63	TD not measured
MP-011S	A Clay (PL in A Clay)	07-Jan-08	431 19								9.7	9.63	No Measurements; Well Dry
MP-011S	A Clay (PL in A Clay)	07-Apr-08	431 19								9 68	9 63	No Measurements, Well Dry
MP-012D	B Clay / Rand / C Clay	07-Jan-08	431 63								23.05	27.68	No Measurements; Well Dry
MP-012D	B Clay / Rand / C Clay	07-Apr-08	431.63		16.42		415 21	0 00	0.00	415 21		27.68	TD not measured
MP-012S	A Clay (PL in A Clay)	07-Jan-08	431.7								9.87	9.75	No Measurements; Well Dry
MP-012S	A Clay (PL in A Clay)	07-Apr-08	431.7								9.88	9.75	No Measurements; Well Dry
MP-013D	Main Silt (Rand Horizon)	07-Jan-08	429.3		27 52		401.78	0.00	0.00	401.78		27.86	TD not measured
MP-013D	Main Silt (Rand Horizon)	07-Apr-08	429.3		26.67		402.63	0.00	0.00	402.63		27.86	TD not measured
MP-013S	A Clay	07-Jan-08	429.2								9.15	9.76	No Measurements, Well Dry
MP-013S	A Clay	07-Apr-08	429 2		8.45		420.75	0.00	0.00	420 75		9.76	TD not measured
MP-014D	Main Silt (Rand Horizon)	07-Jan-08	429.51		26.77		402 74	0.00	0.00	402 74		27.27	TD not measured
MP-014D	Main Silt (Rand Horizon)	07-Apr-08	429 51		26 77		402.74	0.00	0.00	402.74		27.27	TD not measured
MP-014S	A Clay	07-Jan-08	429.51								9.32	9.77	No Measurements; Well Dry
MP-014S	A Clay	07-Apr-08	429.51								9.31	9.77	No Measurements; Well Dry
MP-015D	Main Silt (Rand Horizon)	07-Jan-08	429.58		26.8		402.78	0.00	0.00	402.78		27.18	TD not measured
MP-015D	Main Silt (Rand Horizon)	07-Apr-08	429.58		26.75		402.83	0.00	0.00	402.83		27.18	TD not measured
MP-015S	A Clay	07-Jan-08	429.63					0.00	0.00		9.45	9.73	No Measurements; Well Dry
MP-015S	A Clay	07-Apr-08	429.63					0.00	0.00		9.46	9.73	No Measurements; Well Dry
MP-016D	Main Silt (Rand Horizon)	07-Jan-08	429.77									27.75	No Measurements; Well Dry
MP-016D	Main Silt (Rand Horizon)	07-Apr-08	429.77									27.75	No Measurements; Well Dry
MP-016S	A Clay	07-Jan-08	429.75					0.00	0.00		9.77	9 73	No Measurements, Well Dry
MP-016S	A Clay	07-Apr-08	429.75					0.00	0.00		9.76	9.73	No Measurements; Well Dry
MP-025	N. Olive / B Clay / Rand	07-Jan-08	429.71		27.77		401.94	0 00	0.00	401.94		28.4	TD not measured
MP-025	N Olive / B Clay / Rand	07-Apr-08	429.71		25.87		403.84	0.00	0.00	403.84		28.4	TD not measured
MP-026	N Olive / B Clay / Rand	07-Jan-08	429.54		28.04		401.5	0.00	0.00	401.5		28.45	TD not measured
MP-026	N. Olive / B Clay / Rand	07-Apr-08	429.54		24.96		404.58	0.00	0.00	404.58		28.45	TD not measured
MP-027	N. Olive / B Clay / Rand	07-Jan-08	429.55		28.67		400.88	0.00	0.00	400.88		28.97	TD not measured
MP-027	N. Olive / B Clay / Rand	07-Apr-08	429.55		26.51		403.04	0.00	0.00	403.04		28.97	TD not measured
MP-028	Rand	07-Jan-08	429.8		25.2		404.6	0.00	0.00	404.6		29.01	TD not measured
MP-028	Rand	07-Apr-08	429.8		18.7		411.1	0.00	0.00	411.1		29.01	TD not measured
MP-029A	N. Olive	07-Jan-08	429.39					0.00	0.00			11.79	No Measurements; Well Dry
MP-029A	N. Olive	07-Apr-08	429.39		11.76		417.63	0.00	0.00	417.63		11.79	TD not measured
MP-029B	Rand	07-Jan-08	429 43									20.23	No Measurements, Well Dry
MP-029B	Rand	08-Apr-08	429.43								20.31	20.23	No Measurements; Well Dry
MP-029C	Rand	07-Jan-08	429 39	24.85	27.71	404.54	401.68	2.86	0.59	403.88		28.3	TD not measured
MP-029C	Rand	07-Apr-08	429.39	21.45	23.72	407.94	405.67	2.27	0.41	407.42		28.3	TD not measured

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	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)	Do	Piezometric Surface Elevation (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
MP-029D	Main Sand	07-Jan-08	429 47	33.1	35.41	396.37	394.06	2.31	0.42	395.84		41.23	TD not measured
MP-029D	Main Sand	07-Apr-08	429 47	27 56	32.15	401.91	397.32	4.59	1.12	400.85		41.23	TD not measured
MP-030A	N. Olive	07-Jan-08	431.2		18.51		412.69	0 00	0.00	412.69		18.68	TD not measured
MP-030A	N. Olive	07-Apr-08	431.2		18 54		412.66	0.00	0.00	412.66		18.68	TD not measured
MP-030B	Rand	07-Jan-08	431.21		25 37		405 84	0 00	0 00	405 84		30.19	TD not measured
MP-030B	Rand	07-Apr-08	431 21		25.85		405 36	0 00	0 00	405.36		30.19	TD not measured
MP-030C	Main Sand	07-Jan-08	431 13	35.09	35 4	396.04	395 73	0 31	0 02	395 97		49.16	TD not measured
MP-030C	Main Sand	07-Apr-08	431.13		29.85		401.28	0 00	0.00	401 28		49.16	TD not measured
MP-031A	A Clay	07-Jan-08	426.71								9.69	9.68	No Measurements; Well Dry
MP-031A	A Clay	07-Apr-08	426.71								9.68	9.68	No Measurements; Well Dry
MP-031B	N. Olive	08-Jan-08	426.79	15.99	16	410.8	410.79	0.01	0.00	410.8		17.67	TD not measured
MP-031B	N. Olive	07-Apr-08	426.79		14.11		412.68	0.00	0.00	412.68		17 67	TD not measured
MP-031C	Main Sand	07-Jan-08	426.98		30.76		396.22	0.00	0.00	396.22		37.65	TD not measured
MP-031C	Main Sand	08-Apr-08	426.98		25.05		401.93	0.00	0.00	401.93		37.65	TD not measured
MP-032A	N. Olive	07-Jan-08	429 68								14.06	13.94	No Measurements; Well Dry
MP-032A	N. Olive	07-Apr-08	429.68								14.05	13.94	No Measurements; Well Dry
MP-032B	Main Sand	07-Jan-08	429.68		30.91		398.77	0 00	0.00	398.77		30.94	TD not measured
MP-032B	Main Sand	07-Apr-08	429 68		28.06		401.62	0 00	0.00	401.62		30 94	TD not measured
MP-032C	Main Sand	08-Jan-08	429.72	33.62	33.67	396.1	396.05	0.05	0 004	396.09		48.11	TD not measured
MP-032C	Main Sand	07-Apr-08	429.72		27.88		401.84	0 00	0.00	401.84		48.11	TD not measured
MP-033A	A Clay	07-Jan-08	430.05		9.6		420.45	0 00	0.00	420.45		9.71	TD not measured
MP-033A	A Clay	07-Apr-08	430.05		9.58		420 47	0.00	0.00	420.47		9.71	TD not measured
MP-033B	N. Olive	07-Jan-08	430.09								14.15	14.21	No Measurements; Well Dry
MP-033B	N. Olive	07-Apr-08	430 09								14.14	14 21	No Measurements; Well Dry
MP-033C	Rand	07-Jan-08	430.09								25.87	26.21	No Measurements; Well Dry
MP-033C	Rand	07-Apr-08	430 09								25.87	26 21	No Measurements, Well Dry
MP-033D	Main Sand	07-Jan-08	430 09	33 95	34.2	396.14	395.89	0 25	0.02	396.08		44 22	TD not measured
MP-033D	Main Sand	07-Apr-08	430.09		28.33		401.76	0.00	0 00	401.76		44 22	TD not measured
MP-034A	N Olive	07-Jan-08	430.97		15.42		415.55	0 00	0 00	415 55		15.94	TD not measured
MP-034A	N. Olive	07-Apr-08	430 97		15.46		415 51	0.00	0 00	415.51		15 94	TD not measured
MP-034B	Rand	07-Jan-08	430.7								24 32	24 23	No Measurements; Well Dry
MP-034B	Rand	07-Apr-08	430.7								24 37	24 23	No Measurements, Well Dry
MP-034C	Main Sand	07-Jan-08	430 88	34.43	35.19	396.45	395.69	0.76	0 06	396.28		43 58	TD not measured
MP-034C	Main Sand	07-Apr-08	430.88	29.03	29.62	401 85	401.26	0.59	0 05	401.71		43.58	TD not measured
MP-035A	A Clay	07-Jan-08	430.36								9 88	9.69	No Measurements; Well Dry
MP-035A	A Clay	07-Apr-08	430.36								9.86	9.69	No Measurements; Well Dry
MP-035B	N. Olive	07-Jan-08	430.41								17 05	17.05	No Measurements, Well Dry.
MP-035B	N. Olive	07-Apr-08	430.41									17.05	No Measurements; Well Dry
MP-035C	Rand	07-Jan-08	430.44								25.31	25.32	No Measurements; Well Dry
MP-035C	Rand	07-Apr-08	430.44									25.32	No Measurements; Well Dry
MP-035D	Main Sand	07-Jan-08	430.43	33.93	36.11	396.5	394.32	2.18	0.4	396		43	TD not measured
MP-035D	Main Sand	07-Apr-08	430.43	29	29.72	401.43	400.71	0.72	0.06	401.26		43	TD not measured
MP-036A	N. Olive	07-Jan-08	431.91								12.61	12.7	No Measurements; Well Dry
MP-036A	N. Olive	07-Apr-08	431.91								12.6	12.7	No Measurements; Well Dry
MP-036B	Rand	08-Jan-08	431.94		27.96		403.98	0.00	0.00	403.98		29.16	TD not measured
MP-036B	Rand	08-Apr-08	431.94		24 4		407.54	0.00	0 00	407.54		29.16	TD not measured
MP-036C	Main Sand	07-Jan-08	431 99	35.43	37.39	396.56	394.6	1 96	0.34	396.11		43.81	TD not measured
MP-036C	Main Sand	08-Apr-08	431.99		30 65		401.34	0.00	0 00	401.34		43.81	TD not measured
MP-037A	N. Olive	07-Jan-08	429.01								13.05	13.18	No Measurements; Well Dry
MP-037A	N. Olive	07-Apr-08	429.01								13.03	13.18	No Measurements; Well Dry
MP-037B	Rand	07-Jan-08	428.99								22.7	22.46	No Measurements; Well Dry
MP-037B	Rand	07-Apr-08	428.99		21 17		407.82	0.00	0.00	407 82		22 46	TD not measured
MP-037C	C Clay (PL in Clay)	07-Jan-08	429.07		24 98		404 09	0.00	0.00	404 09		27 72	TD not measured
MP-037C	C Clay (PL in Clay)	07-Apr-08	429.07		22.06		407.01	0.00	0.00	407.01		27.72	TD not measured
MP-037D	Main Sand	07-Jan-08	429.04	32.55	34 61	396.49	394.43	2.06	0.37	396.02		39.66	TD not measured
MP-037D	Main Sand	07-Apr-08	429.04	27 9	29.11	401.14	399.93	1.21	0.10	400 86		39 66	TD not measured
MP-038A	N. Olive	07-Jan-08	427.17								12	12.71	No Measurements, Well Dry
MP-038A	N. Olive	07-Apr-08	427.17								11.98	12.71	No Measurements; Well Dry
MP-038B	Main Silt (Rand Horizon)	07-Jan-08	427.03								23.2	22.91	No Measurements, Well Dry
MP-038B	Main Silt (Rand Horizon)	07-Apr-08	427.03								23.19	22.91	No Measurements; Well Dry
MP-038C	Main Sand	07-Jan-08	426.91	29.91	32.98	397	393.93	3.07	0.68	396.29		38.69	TD not measured
MP-038C	Main Sand	07-Apr-08	426.91		24.57		402.34	0.00	0.00	402.34		38.69	TD not measured
MP-039A	N. Olive	07-Jan-08	432.09								12.9	12.72	No Measurements; Well Dry
MP-039A	N. Olive	07-Apr-08	432.09								12.89	12.72	No Measurements; Well Dry
MP-039B	Rand	07-Jan-08	432.07								26	26.2	No Measurements; Well Dry
MP-039B	Rand	07-Apr-08	432.07		17.47		414.6	0.00	0.00	414.6		26.2	TD not measured
MP-039C	Main Sand	07-Jan-08	432.07	35.09	37.11	396.98	394.96	2.02	0.35	396.52		43.73	TD not measured

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	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)	Do'	Piezometric Surface Elevation* (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
MP-039C	Main Sand	07-Apr-08	432.07	29.92	30.85	402.15	401.22	0.93	0.07	401.94		43.73	TD not measured
MP-040A	A Clay (PL in A Clay)	07-Jan-08	431.02								11.01	11.17	No Measurements; Well Dry
MP-040A	A Clay (PL in A Clay)	08-Apr-08	431.02								11.01	11.17	No Measurements; Well Dry
MP-040B	Main Silt (Rand Horizon)	07-Jan-08	431.04								29.49	29.89	No Measurements; Well Dry
MP-040B	Main Silt (Rand Horizon)	08-Apr-08	431.04								29.5	29.89	No Measurements; Well Dry
MP-040C	Main Sand	07-Jan-08	431.04	34.52	35.46	396.52	395.58	0.94	0.08	396.3		48.7	TD not measured
MP-040C	Main Sand	08-Apr-08	431.04		29.29		401.75	0.00	0.00	401.75		48.7	TD not measured
MP-041A	N. Olive	07-Jan-08	431.24								13.5	13.71	No Measurements; Well Dry
MP-041A	N. Olive	07-Apr-08	431.24								13.51	13.71	No Measurements; Well Dry
MP-041B	Rand	07-Jan-08	431.23								25.8	25.7	No Measurements; Well Dry
MP-041B	Rand	07-Apr-08	431.23		24.84		406.39	0.00	0.00	406.39		25.7	TD not measured
MP-041C	Main Sand	07-Jan-08	431.08	34.44	36.07	396.64	395.01	1.63	0.23	396.27		44.48	TD not measured
MP-041C	Main Sand	07-Apr-08	431.08	29.72	29.85	401.36	401.23	0.13	0.01	401.33		44.48	TD not measured
MP-042A	N. Olive	07-Jan-08	430.21								17.76	17.71	No Measurements; Well Dry
MP-042A	N. Olive	07-Apr-08	430.21		16.77		413.44	0.00	0.00	413.44		17.71	TD not measured
MP-042B	Rand	07-Jan-08	430.2								28.41	28.2	No Measurements; Well Dry
MP-042B	Rand	07-Apr-08	430.2								28.45	28.2	No Measurements; Well Dry
MP-042C	Main Sand	07-Jan-08	430.32	33.78	35.85	396.54	394.47	2.07	0.37	396.06		39.28	TD not measured
MP-042C	Main Sand	07-Apr-08	430.32	29.48	29.89	400.84	400.43	0.41	0.03	400.75		39.28	TD not measured
MP-043A	N. Olive	07-Jan-08	426.75								8.38	8.39	No Measurements; Well Dry
MP-043A	N. Olive	07-Apr-08	426.75								8.38	8.39	No Measurements; Well Dry
MP-043B	Main Silt (Rand Horizon)	07-Jan-08	426.72								17.22	17.16	No Measurements; Well Dry
MP-043B	Main Silt (Rand Horizon)	07-Apr-08	426.72								17.21	17.16	No Measurements; Well Dry
MP-043C	Main Silt (Rand Horizon) / Main Sand	07-Jan-08	426.39	29.83	30.33	396.56	396.06	0.50	0.04	396.45		35.51	TD not measured
MP-043C	Main Silt (Rand Horizon) / Main Sand	07-Apr-08	426.39		24.01		402.38	0.00	0.00	402.38		35.51	TD not measured
MP-044A	A Clay	07-Jan-08	430.64								9.82	9.72	No Measurements, Well Dry
MP-044A	A Clay	07-Apr-08	430.64								9.81	9.72	No Measurements; Well Dry
MP-044B	N Olive	07-Jan-08	430.54								14.6	14.7	No Measurements; Well Dry
MP-044B	N. Olive	07-Apr-08	430.54								14.61	14.7	No Measurements; Well Dry
MP-044C	Rand	07-Jan-08	430.54								24.54	24.7	No Measurements; Well Dry
MP-044C	Rand	07-Apr-08	430.54								24.55	24.7	No Measurements; Well Dry
MP-044D	Main Sand	07-Jan-08	430.62	33.92	35.22	396.7	395.4	1.30	0.13	396.4		44.71	TD not measured
MP-044D	Main Sand	07-Apr-08	430.62		29.41		401.21	0.00	0.00	401.21		44.71	TD not measured
MP-045A	N. Olive	07-Jan-08	430.04								12.76	12.76	No Measurements, Well Dry
MP-045A	N. Olive	07-Apr-08	430.04		12.38		417.66	0.00	0.00	417.66		12.76	TD not measured
MP-045B	Rand	07-Jan-08	430.04								23.64	23.96	No Measurements; Well Dry
MP-045B	Rand	07-Apr-08	430.04								23.64	23.96	No Measurements; Well Dry
MP-045C	Main Sand	07-Jan-08	429.93	33.11	35.43	396.82	394.5	2.32	0.45	396.29		43.63	TD not measured
MP-045C	Main Sand	07-Apr-08	429.93		28.88		401.05	0.00	0.00	401.05		43.63	TD not measured
MP-046A	N. Olive	07-Jan-08	429.67								14.69	14.72	No Measurements, Well Dry
MP-046A	N. Olive	07-Apr-08	429.67								14.68	14.72	No Measurements; Well Dry
MP-046B	Rand	07-Jan-08	429.65								24.25	24.2	No Measurements; Well Dry
MP-046B	Rand	07-Apr-08	429.65								24.16	24.2	No Measurements; Well Dry
MP-046C	Main Sand	07-Jan-08	429.6	32.85	35	396.75	394.6	2.15	0.4	396.26		41.41	TD not measured
MP-046C	Main Sand	07-Apr-08	429.6	28.51	29.19	401.09	400.41	0.68	0.05	400.93		41.41	TD not measured
MP-047A	N. Olive	07-Jan-08	429.12								14.1	14.17	No Measurements; Well Dry
MP-047A	N. Olive	07-Apr-08	429.12								14.09	14.17	No Measurements; Well Dry
MP-047B	Rand	07-Jan-08	429.05								22.33	22.4	No Measurements; Well Dry
MP-047B	Rand	07-Apr-08	429.05								22.33	22.4	No Measurements; Well Dry
MP-047C	Main Sand	07-Jan-08	429.01	32.25	34.15	396.76	394.86	1.90	0.28	396.32		38.39	TD not measured
MP-047C	Main Sand	07-Apr-08	429.01	28.08	29.05	400.93	399.96	0.97	0.06	400.71		38.39	TD not measured
MP-048A	N. Olive	07-Jan-08	428.92								18.73	18.92	No Measurements; Well Dry
MP-048A	N. Olive	07-Apr-08	428.92								18.72	18.92	No Measurements, Well Dry
MP-048B	Main Silt (Rand Horizon)	07-Jan-08	429.04								30.69	30.54	No Measurements; Well Dry
MP-048B	Main Silt (Rand Horizon)	07-Apr-08	429.04	27.15	27.2	401.89	401.84	0.05	0.004	401.88		30.54	TD not measured
MP-048C	Main Sand	07-Jan-08	429.41	32.7	33.62	396.71	395.79	0.92	0.07	396.5		47.67	TD not measured
MP-048C	Main Sand	07-Apr-08	429.41	26.95	27.83	402.46	401.58	0.88	0.07	402.26		47.67	TD not measured
MP-049A	A Clay (PL in A Clay)	07-Jan-08	431.07								10.99	11.19	No Measurements; Well Dry
MP-049A	A Clay (PL in A Clay)	08-Apr-08	431.07								11	11.19	No Measurements; Well Dry
MP-049B	Rand	07-Jan-08	431.08								23.91	24.2	No Measurements; Well Dry
MP-049B	Rand	08-Apr-08	431.08		20.52		410.56	0.00	0.00	410.56		24.2	TD not measured
MP-049C	Main Sand	07-Jan-08	431.07	34.12	35.94	396.95	395.13	1.82	0.29	396.53		43	TD not measured
MP-049C	Main Sand	08-Apr-08	431.07	28.79	30.29	402.28	400.78	1.50	0.19	401.94		43	TD not measured
MP-050A	A Clay	07-Jan-08	430.31									14.6	No Measurements; Transducer in Well
MP-050A	A Clay	07-Apr-08	430.31									14.6	No Measurements; Well Dry
MP-050B	Rand	07-Jan-08	430.29									24.21	No Measurements; Transducer in Well
MP-050B	Rand	07-Apr-08	430.29									24.21	No Measurements; Well Dry

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	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)	Do[1]	Piezometric Surface Elevation[2] (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
MP-050C	Main Sand	07-Jan-08	429.98									43.59	No Measurements; Transducer in Well
MP-050C	Main Sand	07-Apr-08	429.98									43.59	No Measurements, Well Dry
MP-051A	A Clay (PL in A Clay)	07-Jan-08	430 9								9.79	9.86	No Measurements; Well Dry
MP-051A	A Clay (PL In A Clay)	07-Apr-08	430 9								9 79	9.86	No Measurements; Well Dry
MP-051B	N. Olive	07-Jan-08	430.91		14.6		416.31	0.00	0.00	416.31		15.19	TD not measured
MP-051B	N. Olive	07-Apr-08	430.91		13.51		417 4	0 00	0.00	417.4		15.19	TD not measured
MP-051C	Rand	07-Jan-08	430.93								24 59	24.71	No Measurements; Well Dry
MP-051C	Rand	07-Apr-08	430.93								24.6	24.71	No Measurements; Well Dry
MP-051D	Main Sand	08-Jan-08	430.99	34.14	36.23	396.85	394.76	2.09	0 38	396.37		43	TD not measured
MP-051D	Main Sand	07-Apr-08	430.99	30.03	30.04	400.96	400.95	0.01	0.001	400.96		43	TD not measured
MP-052A	A Clay (PL in A Clay)	07-Jan-08	429.96								9.99	10.17	No Measurements; Well Dry
MP-052A	A Clay (PL in A Clay)	07-Apr-08	429.96								9.99	10.17	No Measurements; Well Dry
MP-052B	Rand	07-Jan-08	429.97								22.62	22.48	No Measurements; Well Dry
MP-052B	Rand	07-Apr-08	429.97								22.63	22.48	No Measurements; Well Dry
MP-052C	Main Sand	07-Jan-08	429.99	32.99	34.99	397	395	2.00	0.35	396.54		42.68	TD not measured
MP-052C	Main Sand	07-Apr-08	429.99	28 46	28.61	401.53	401.38	0 15	0 01	401.5		42.68	TD not measured
MP-053A	A Clay	07-Jan-08	430.59		11.64		418 95	0.00	0.00	418.95		11.67	TD not measured
MP-053A	A Clay	07-Apr-08	430.59		11.62		418.97	0.00	0.00	418.97		11.67	TD not measured
MP-053B	Rand	07-Jan-08	430 6								24.48	24.68	No Measurements, Well Dry
MP-053B	Rand	07-Apr-08	430.6								24.49	24.68	No Measurements; Well Dry
MP-053C	Main Sand	07-Jan-08	430.52	33.88	34.82	396.64	395.7	0.94	0.08	396.42		44.03	TD not measured
MP-053C	Main Sand	07-Apr-08	430.52	29 02	30.61	401.5	399.91	1.59	0.22	401.13		44.03	TD not measured
MP-054A	N. Olive	07-Jan-08	430								12.44	12.56	No Measurements; Well Dry
MP-054A	N. Olive	07-Apr-08	430								12.44	12.56	No Measurements; Well Dry
MP-054B	Rand	07-Jan-08	429.99								24.36	24.65	No Measurements; Well Dry
MP-054B	Rand	07-Apr-08	429.99								24.36	24 65	No Measurements; Well Dry
MP-054C	Main Sand	07-Jan-08	430.07	33.35	34.69	396.72	395 38	1.34	0.14	396.41		46 2	TD not measured
MP-054C	Main Sand	07-Apr-08	430 07		29 16		400.91	0.00	0.00	400.91		46 2	TD not measured
MP-055A	N. Olive / B Clay	07-Jan-08	429.65									16.97	No Measurements; Well Dry
MP-055A	N. Olive / B Clay	07-Apr-08	429.65		16.93		412.72	0.00	0.00	412.72		16.97	TD not measured
MP-055B	Rand	07-Jan-08	429.64									23.95	No Measurements; Well Dry
MP-055B	Rand	07-Apr-08	429.64		22.86		406 78	0.00	0.00	406.78		23.95	TD not measured
MP-055C	Main Sand	07-Jan-08	429.67	33 12	34.36	396.55	395.31	1 24	0 09	396.26		43.19	TD not measured
MP-055C	Main Sand	07-Apr-08	429.67		29.02		400.65	0.00	0 00	400.65		43.19	TD not measured
MP-056A	N. Olive	07-Jan-08	430.25		10.81		419.44	0.00	0 00	419.44		11.18	TD not measured
MP-056A	N. Olive	07-Apr-08	430.25		10.08		420.17	0.00	0.00	420 17		11.18	TD not measured
MP-056B	Rand	07-Jan-08	430.25								27.23	27.68	No Measurements; Well Dry
MP-056B	Rand	07-Apr-08	430.25		24.71		405.54	0.00	0.00	405.54		27.68	TD not measured
MP-056C	Main Sand	07-Jan-08	430.15	33.43	34 51	396.72	395.64	1.08	0.06	396 47		44.65	TD not measured
MP-056C	Main Sand	07-Apr-08	430.15	29 06	29.09	401.09	401.06	0.03	0.002	401.08		44.65	TD not measured
MP-057A	N. Olive	07-Jan-08	429.05								14.78	14.73	No Measurements, Well Dry
MP-057A	N. Olive	07-Apr-08	429.05								14.76	14.73	No Measurements; Well Dry
MP-057B	Rand	07-Jan-08	429.04								24.3	24 22	No Measurements; Well Dry
MP-057B	Rand	07-Apr-08	429 04								24.26	24 22	No Measurements; Well Dry
MP-057C	Main Sand	07-Jan-08	429.15	32.42	33.61	396.73	395.54	1.19	0 09	396.46		44.18	TD not measured
MP-057C	Main Sand	07-Apr-08	429.15	28.2	28.46	400.95	400.69	0 26	0.02	400 89		44.18	TD not measured
MP-058A	A Clay	07-Jan-08	430.29								10.03	10.17	No Measurements; Well Dry
MP-058A	A Clay	07-Apr-08	430.29								10	10.17	No Measurements; Well Dry
MP-058B	Main Silt (Rand Horizon)	07-Jan-08	430.29		21.1		409.19	0 00	0 00	409.19		21.17	TD not measured
MP-058B	Main Silt (Rand Horizon)	07-Apr-08	430.29	21 09	21.1	409.2	409.19	0 01	0 00	409.2		21.17	TD not measured
MP-058C	Main Sand	07-Jan-08	430 33	33.38	33.91	396.95	396 42	0 53	0.04	396.83		39.1	TD not measured
MP-058C	Main Sand	07-Apr-08	430.33		28.86		401.47	0 00	0.00	401.47		39.1	TD not measured
MP-059A	A Clay	07-Jan-08	429.97									8.99	No Measurements; Well Dry
MP-059A	A Clay	07-Apr-08	429.97		8.97		421	0 00	0 00	421		8.99	TD not measured
MP-059B	Main Silt (Rand Horizon)	07-Jan-08	429.88								17 85	18.4	No Measurements, Well Dry
MP-059B	Main Silt (Rand Horizon)	07-Apr-08	429.88								17.84	18.4	No Measurements, Well Dry
MP-059C	Main Sand	07-Jan-08	429.9	32.83	32.85	397.07	397.05	0.02	0.002	397.07		36.44	TD not measured
MP-059C	Main Sand	07-Apr-08	429.9		27.79		402.11	0 00	0.00	402.11		36.44	TD not measured
MP-060A	A Clay (PL in A Clay)	07-Jan-08	429.21								9 78	9 68	No Measurements; Well Dry
MP-060A	A Clay (PL in A Clay)	07-Apr-08	429.21		6.75		422.46	0.00	0.00	422.46		9 68	TD not measured
MP-060B	Main Silt (Rand Horizon)	07-Jan-08	429.2		20.61		408.59	0.00	0.00	408.59		20.87	TD not measured
MP-060B	Main Silt (Rand Horizon)	07-Apr-08	429.2		20.66		408.54	0.00	0.00	408.54		20.87	TD not measured
MP-060C	Main Sand	07-Jan-08	429.21	32.31	33.55	396.9	395.66	1.24	0.11	396.61		36.65	TD not measured
MP-060C	Main Sand	07-Apr-08	429.21		28.22		400.99	0.00	0.00	400.99		36.65	TD not measured
MP-061A	A Clay (PL in A Clay)	07-Jan-08	429.98								10.31	10.2	No Measurements; Well Dry
MP-061A	A Clay (PL In A Clay)	07-Apr-08	429.98								10.3	10.2	No Measurements; Well Dry
MP-061B	Main Silt (Rand Horizon)	07-Jan-08	429.98								21.31	21.4	No Measurements; Well Dry

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	Date	(A) Top of Casing Elevation[1] (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)	Do[1]	Piezometric Surface Elevation[1] (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
MP-061B	Main Silt (Rand Horizon)	07-Apr-08	429.98								21 29	21 4	No Measurements; Well Dry
MP-061C	Main Sand	07-Jan-08	430		32.4		397.6	0.00	0.00	397.6		36.67	TD not measured
MP-061C	Main Sand	07-Apr-08	430		28.13		401 87	0 00	0.00	401.87		36.67	TD not measured
MP-062A	A Clay (PL in A Clay)	07-Jan-08	429.11		8.84		420.27	0.00	0 00	420.27		9 68	TD not measured
MP-062A	A Clay (PL in A Clay)	07-Apr-08	429.11		7		422.11	0.00	0.00	422.11		9.68	TD not measured
MP-062B	Main Silt (N. Olive Horizon)	07-Jan-08	429 11								18 15	18.18	No Measurements, Well Dry
MP-062B	Main Silt (N. Olive Horizon)	07-Apr-08	429.11								18 15	18 18	No Measurements; Well Dry
MP-062C	Main Sand	07-Jan-08	428.94		31 72		397.22	0 00	0.00	397.22		36.55	TD not measured
MP-062C	Main Sand	07-Apr-08	428.94		27.13		401.81	0.00	0.00	401.81		36.55	TD not measured
MP-063A	A Clay	07-Jan-08	429.26		9.84		419.42	0 00	0.00	419.42		10.23	TD not measured
MP-063A	A Clay	07-Apr-08	429 26		8.2		421 06	0 00	0 00	421 06		10.23	TD not measured
MP-063B	Main Silt (N. Olive Horizon)	07-Jan-08	429.26								19.78	19.93	No Measurements, Well Dry
MP-063B	Main Silt (N Olive Horizon)	07-Apr-08	429.26								19.76	19.93	No Measurements; Well Dry
MP-063C	Main Sand	07-Jan-08	429.29		32.22		397.07	0.00	0.00	397.07		36.67	TD not measured
MP-063C	Main Sand	07-Apr-08	429.29		27.8		401.49	0.00	0 00	401.49		36 67	TD not measured
MP-064A	A Clay (PL in A Clay)	07-Jan-08	428.73								9.67	9 72	No Measurements, Well Dry
MP-064A	A Clay (PL in A Clay)	07-Apr-08	428.73								9.61	9.72	No Measurements, Well Dry
MP-064B	Main Silt (N. Olive Horizon)	07-Jan-08	428.74								21.41	21.73	No Measurements; Well Dry
MP-064B	Main Silt (N. Olive Horizon)	07-Apr-08	428 74								21 4	21.73	No Measurements; Well Dry
MP-064C	Main Sand	07-Jan-08	428 55	31.35	32.26	397.2	396.29	0.91	0 07	396.99		36 71	TD not measured
MP-064C	Main Sand	07-Apr-08	428.55		27.37		401.18	0.00	0.00	401.18		36.71	TD not measured
MP-065A	Main Silt (N. Olive Horizon)	07-Jan-08	431.41		16.38		415.03	0.00	0.00	415 03		16.45	TD not measured
MP-065A	Main Silt (N. Olive Horizon)	07-Apr-08	431 41		16.4		415.01	0.00	0.00	415.01		16.45	TD not measured
MP-065B	Main Sand	07-Jan-08	431.44								24.82	25 18	No Measurements, Well Dry
MP-065B	Main Sand	07-Apr-08	431.44								24 84	25.18	No Measurements, Well Dry
MP-065C	Main Sand	07-Jan-08	431.42		33.45		397.97	0.00	0.00	397.97		39.75	TD not measured
MP-065C	Main Sand	07-Apr-08	431.42		28.22		403.2	0.00	0.00	403.2		39.75	TD not measured
MP-066A	Main Silt (N. Olive Horizon)	07-Jan-08	430.81		14.25		416.56	0.00	0.00	416 56		14.71	TD not measured
MP-066A	Main Silt (N. Olive Horizon)	07-Apr-08	430.81		14.28		416.53	0.00	0.00	416.53		14.71	TD not measured
MP-066B	Main Silt (Rand Horizon)	07-Jan-08	430.82		25.21		405.61	0.00	0.00	405.61		25 72	TD not measured
MP-066B	Main Silt (Rand Horizon)	07-Apr-08	430 82		25.21		405 61	0 00	0.00	405.61		25.72	TD not measured
MP-066C	Main Sand	07-Jan-08	430.79		32.5		398 29	0 00	0.00	398.29		39 67	TD not measured
MP-066C	Main Sand	07-Apr-08	430.79		28.8		401.99	0.00	0.00	401.99		39.67	TD not measured
MP-067A	A Clay (PL in A Clay)	07-Jan-08	430.29		9.91		420.38	0.00	0.00	420.38		10.05	TD not measured
MP-067A	A Clay (PL in A Clay)	07-Apr-08	430.29		9.91		420.38	0.00	0.00	420.38		10.05	TD not measured
MP-067B	Main Silt (Rand Horizon)	07-Jan-08	430.31		25.41		404.9	0.00	0.00	404.9		25.67	TD not measured
MP-067B	Main Silt (Rand Horizon)	07-Apr-08	430.31		25 41		404 9	0.00	0 00	404.9		25 67	TD not measured
MP-067C	Main Sand	07-Jan-08	430.19		32 83		397.36	0.00	0.00	397.36		39.65	TD not measured
MP-067C	Main Sand	07-Apr-08	430.19		28.7		401.49	0.00	0.00	401 49		39.65	TD not measured
MP-068	N. Olive	07-Jan-08	431.36									16.76	No Measurements, Well Dry
MP-068	N. Olive	07-Apr-08	431.36								16.43	16 76	No Measurements; Well Dry
MP-069	N. Olive	07-Jan-08	431.57									16.37	No Measurements; Well Dry
MP-069	N. Olive	07-Apr-08	431.57									16 37	No Measurements; Well Dry
MP-070	N. Olive	07-Jan-08	431									16.1	No Measurements; Well Dry
MP-070	N. Olive	07-Apr-08	431								15 97	16 1	No Measurements; Well Dry
MP-071	N. Olive	07-Jan-08	430.14									15 84	No Measurements, Well Dry
MP-071	N. Olive	07-Apr-08	430.14								14.82	15 84	No Measurements; Well Dry
MP-072	N. Olive	07-Jan-08	430.51									15.71	No Measurements; Well Dry
MP-072	N Olive	07-Apr-08	430.51								15.77	15 71	No Measurements; Well Dry
MP-073	N. Olive	07-Jan-08	430 84									16 75	No Measurements; Well Dry
MP-073	N. Olive	07-Apr-08	430 84								16 85	16 75	No Measurements, Well Dry
MP-074	N Olive	07-Jan-08	431.38									17.78	No Measurements; Well Dry
MP-074	N Olive	07-Apr-08	431 38								17.81	17.78	No Measurements; Well Dry
MP-075	N. Olive	07-Jan-08	430.66									18.36	No Measurements; Well Dry
MP-075	N. Olive	07-Apr-08	430.66		16.41		414.25	0.00	0.00	414.25		18.36	TD not measured
MP-076	N Olive	07-Jan-08	430.75									17 35	No Measurements; Well Dry
MP-076	N. Olive	07-Apr-08	430 75								17 39	17.35	No Measurements; Well Dry
MP-077A	A Clay	07-Jan-08	430.53								10 46	10.64	No Measurements; Well Dry
MP-077A	A Clay	07-Apr-08	430.53								10 49	10.64	No Measurements; Well Dry
MP-077B	Main Silt (Rand Horizon)	07-Jan-08	430 62									24.73	No Measurements; Well Dry
MP-077B	Main Silt (Rand Horizon)	07-Apr-08	430 62								24.72	24.73	No Measurements; Well Dry
MP-077C	Main Sand	07-Jan-08	430 46	33.41	35 22	397 05	395.24	1.81	0.29	396.63		38.63	TD not measured
MP-077C	Main Sand	07-Apr-08	430.46	28.73	29.28	401.73	401.18	0.55	0.04	401.6		38 63	TD not measured
MP-078A	A Clay	07-Jan-08	430.38		7.9		422.48	0 00	0.00	422 48		8.35	TD not measured
MP-078A	A Clay	07-Apr-08	430.38		7.9		422.48	0.00	0.00	422.48		8 35	TD not measured
MP-078B	N. Olive	07-Jan-08	430.23									13.75	No Measurements; Well Dry
MP-078B	N. Olive	07-Apr-08	430.23									13.75	No Measurements; Well Dry

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	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)	Do	Piezometric Surface Elevation (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
MP-078C	Rand	07-Jan-08	430.29									24.23	No Measurements; Well Dry
MP-078C	Rand	07-Apr-08	430.29									24.23	No Measurements; Well Dry
MP-078D	Main Sand	07-Jan-08	430.17		34.58		395.59	0.00	0.00	395.59		37.94	TD not measured
MP-078D	Main Sand	07-Apr-08	430.17		28.5		401.67	0.00	0.00	401.67		37.94	TD not measured
MP-079A	N. Olive	07-Jan-08	429.44									17.2	No Measurements; Well Dry
MP-079A	N. Olive	07-Apr-08	429.44		16.83		412.61	0.00	0.00	412.61		17.2	TD not measured
MP-079B	Rand	07-Jan-08	429.48		28.01		401.47	0.00	0.00	401.47		28.74	TD not measured
MP-079B	Rand	07-Apr-08	429.48		26.63		402.85	0.00	0.00	402.85		28.74	TD not measured
MP-079C	Main Sand	07-Jan-08	429.52	35.75		393.77		0.00	0.13			37.26	TD not measured
MP-079C	Main Sand	07-Apr-08	429.52	25.18	35.5	404.34	394.02	10.32	2.96	401.97		37.26	TD not measured
MP-079D	Main Sand	07-Jan-08	429.46		33.65		395.81	0.00	0.00	395.81		50.65	TD not measured
MP-079D	Main Sand	07-Apr-08	429.46		27.87		401.59	0.00	0.00	401.59		50.65	TD not measured
MP-080A	N. Olive	07-Jan-08	430.03									18.76	No Measurements; Well Dry
MP-080A	N. Olive	07-Apr-08	430.03									18.76	No Measurements; Well Dry
MP-080B	Rand	07-Jan-08	430.01		20.71		409.3	0.00	0.00	409.3		29.74	TD not measured
MP-080B	Rand	07-Apr-08	430.01		8.74		421.27	0.00	0.00	421.27		29.74	TD not measured
MP-080C	Main Sand	08-Jan-08	430.03	33.69	35.29	396.34	394.74	1.60	0.22	395.97		43.76	TD not measured
MP-080C	Main Sand	08-Apr-08	430.03	29.59	29.6	400.44	400.43	0.01	0.001	400.44		43.76	TD not measured
MP-081A	A Clay (PL in A Clay)	07-Jan-08	425.57								7.7	7.76	No Measurements; Well Dry
MP-081A	A Clay (PL in A Clay)	07-Apr-08	425.57								7.69	7.76	No Measurements; Well Dry
MP-081B	Main Silt (Rand Horizon)	07-Jan-08	425.53								18.77	18.72	No Measurements; Well Dry
MP-081B	Main Silt (Rand Horizon)	07-Apr-08	425.53								18.75	18.72	No Measurements; Well Dry
MP-081C	Main Sand	07-Jan-08	425.4		28.34		397.06	0.00	0.00	397.06		32.45	TD not measured
MP-081C	Main Sand	07-Apr-08	425.4		22.7		402.7	0.00	0.00	402.7		32.45	TD not measured
MP-082A	A Clay (PL in A Clay)	08-Jan-08	431.67								10.62	10.8	No Measurements; Well Dry
MP-082A	A Clay (PL in A Clay)	07-Apr-08	431.67								10.6	10.8	No Measurements; Well Dry
MP-082B	Main Silt (Rand Horizon)	08-Jan-08	431.58									25.72	No Measurements; Well Dry
MP-082B	Main Silt (Rand Horizon)	07-Apr-08	431.58									25.72	No Measurements; Well Dry
MP-082C	Main Sand	07-Jan-08	431.61	34.63	34.69	396.98	396.92	0.06	0.005	396.97		38.67	TD not measured
MP-082C	Main Sand	07-Apr-08	431.61		29.29		402.32	0.00	0.00	402.32		38.67	TD not measured
MP-083A	N. Olive	07-Jan-08	426.92									15.54	No Measurements; Well Dry
MP-083A	N. Olive	07-Apr-08	426.92									15.54	No Measurements; Well Dry
MP-083B	Rand	07-Jan-08	426.94									23.56	No Measurements; Well Dry
MP-083B	Rand	07-Apr-08	426.94								23.56	23.56	No Measurements; Well Dry
MP-083C	Main Sand	07-Jan-08	426.79		30.93		395.86	0.00	0.00	395.86		42.1	TD not measured
MP-083C	Main Sand	07-Apr-08	426.79		24.79		402	0.00	0.00	402		42.1	TD not measured
MP-084A	A Clay (PL in A Clay)	07-Jan-08	432.08								8.58	8.64	No Measurements; Well Dry
MP-084A	A Clay (PL in A Clay)	07-Apr-08	432.08								8.58	8.64	No Measurements; Well Dry
MP-084B	Main Silt (Rand Horizon)	07-Jan-08	432.07									25.63	No Measurements; Well Dry
MP-084B	Main Silt (Rand Horizon)	07-Apr-08	432.07									25.63	No Measurements; Well Dry
MP-084C	Main Silt (Rand Horizon) / Main Sand	07-Jan-08	432.1	34.88	37.05	397.22	395.05	2.17	0.4	396.72		39.67	TD not measured
MP-084C	Main Silt (Rand Horizon) / Main Sand	07-Apr-08	432.1		30.18		401.92	0.00	0.00	401.92		39.67	TD not measured
MP-085A	N. Olive	07-Jan-08	428.07		9.6		418.47	0.00	0.00	418.47		10.14	TD not measured
MP-085A	N. Olive	07-Apr-08	428.07		9.26		418.81	0.00	0.00	418.81		10.14	TD not measured
MP-085B	Rand	07-Jan-08	428.06	19.27	19.66	408.79	408.4	0.39	0.03	408.7		23.63	TD not measured
MP-085B	Rand	07-Apr-08	428.06		10.05		418.01	0.00	0.00	418.01		23.63	TD not measured
MP-085C	EPA	08-Jan-08	428.08	31.52	31.59	396.56	396.49	0.07	0.005	396.54		35.71	TD not measured
MP-085C	EPA	07-Apr-08	428.08		26.95		401.13	0.00	0.00	401.13		35.71	TD not measured
MP-085D	Main Sand (below D Clay)	07-Jan-08	427.86		31.91		395.95	0.00	0.00	395.95		49.45	TD not measured
MP-085D	Main Sand (below D Clay)	07-Apr-08	427.86		27.31		400.55	0.00	0.00	400.55		49.45	TD not measured
MP-086A	A Clay (PL in A Clay)	07-Jan-08	431.31									7.66	No Measurements; Well Dry
MP-086A	A Clay (PL in A Clay)	08-Apr-08	431.31								7.5	7.66	No Measurements; Well Dry
MP-086B	Main Silt (Rand Horizon)	07-Jan-08	431.28								25.62	25.63	No Measurements; Well Dry
MP-086B	Main Silt (Rand Horizon)	08-Apr-08	431.28								25.63	25.63	No Measurements; Well Dry
MP-086C	Main Sand	07-Jan-08	431.2	34.29	34.45	396.91	396.75	0.16	0.01	396.87		39.59	TD not measured
MP-086C	Main Sand	08-Apr-08	431.2		28.83		402.37	0.00	0.00	402.37		39.59	TD not measured
MP-087A	A Clay (PL in A Clay)	07-Jan-08	432.01								6.57	6.66	No Measurements; Well Dry
MP-087A	A Clay (PL in A Clay)	07-Apr-08	432.01								6.56	6.66	No Measurements; Well Dry
MP-087B	Main Silt (Rand Horizon)	07-Jan-08	432.01									25.66	No Measurements; Well Dry
MP-087B	Main Silt (Rand Horizon)	07-Apr-08	432.01									25.66	No Measurements; Well Dry
MP-087C	Main Sand	07-Jan-08	432.08	35	36.5	397.08	395.58	1.50	0.19	396.74		39.68	TD not measured
MP-087C	Main Sand	07-Apr-08	432.08	29.89	31.28	402.19	400.8	1.39	0.16	401.87		39.68	TD not measured
MP-088A	A Clay	07-Jan-08	430.6								9.83	9.72	No Measurements; Well Dry
MP-088A	A Clay	07-Apr-08	430.6								9.81	9.72	No Measurements; Well Dry
MP-088B	Main Silt (Rand Horizon)	07-Jan-08	430.6								20.71	19.75	No Measurements; Well Dry; TD is suspect.
MP-088B	Main Silt (Rand Horizon)	07-Apr-08	430.6								19.69	19.75	No Measurements; Well Dry
MP-088C	Main Sand	07-Jan-08	430.51	33.41	33.42	397.1	397.09	0.01	0.001	397.1		37.69	TD not measured

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	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)	Do'	Piezometric Surface Elevation' (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
MP-088C	Main Sand	07-Apr-08	430.51		28.61		401.9	0.00	0.00	401.9		37.69	TD not measured
MP-089A	A Clay	07-Jan-08	429.17		9.56		419.61	0.00	0.00	419.61		9.88	TD not measured
MP-089A	A Clay	07-Apr-08	429.17	9.1	9.11	420.07	420.06	0.01	0.00	420.07		9.88	TD not measured
MP-089B	Main Silt (Rand Horizon)	07-Jan-08	429.17								19.77	19.88	No Measurements; Well Dry
MP-089B	Main Silt (Rand Horizon)	07-Apr-08	429.17								19.75	19.88	No Measurements; Well Dry
MP-089C	Main Sand	07-Jan-08	429.25		31.9		397.35	0.00	0.00	397.35		37.7	TD not measured
MP-089C	Main Sand	07-Apr-08	429.25		27.46		401.79	0.00	0.00	401.79		37.7	TD not measured
MP-090BR	Main Silt (N. Olive Horizon)	07-Jan-08	429.95								15.91	16.04	No Measurements; Well Dry
MP-090BR	Main Silt (N. Olive Horizon)	07-Apr-08	429.95								15.9	16.04	No Measurements; Well Dry
MP-090C	Main Silt (Rand Horizon) / Main Sand	07-Jan-08	429.95	32.97	34.25	396.98	395.7	1.28	0.12	396.69		40.28	TD not measured
MP-090C	Main Silt (Rand Horizon) / Main Sand	07-Apr-08	429.95	27.58	28.3	402.37	401.65	0.72	0.06	402.2		40.28	TD not measured
MP-091B	Main Silt (N. Olive Horizon)	07-Jan-08	425.98								14.48	14.56	No Measurements; Well Dry
MP-091B	Main Silt (N. Olive Horizon)	07-Apr-08	425.98								14.47	14.56	No Measurements; Well Dry
MP-091C	Main Silt (Rand Horizon)	07-Jan-08	425.98								27.7	27.82	No Measurements; Well Dry
MP-091C	Main Silt (Rand Horizon)	07-Apr-08	425.98		23.85		402.13	0.00	0.00	402.13		27.82	TD not measured
MP-091D	Main Sand	07-Jan-08	425.96		29.3		396.66	0.00	0.00	396.66		44.2	TD not measured
MP-091D	Main Sand	07-Apr-08	425.96		23.51		402.45	0.00	0.00	402.45		44.2	TD not measured
MP-092C	N. Olive	07-Jan-08	427.71									20.06	No Measurements; Well Dry
MP-092C	N. Olive	07-Apr-08	427.71									20.06	No Measurements; Well Dry
MP-092D	Main Silt (Rand Horizon) / Main Sand	07-Jan-08	427.98		31.16		396.82	0.00	0.00	396.82		37.8	TD not measured
MP-092D	Main Silt (Rand Horizon) / Main Sand	07-Apr-08	427.98		24.94		403.04	0.00	0.00	403.04		37.8	TD not measured
MP-093A	Fill / A Clay	07-Jan-08	429.74								6.1	6.23	No Measurements; Well Dry
MP-093A	Fill / A Clay	07-Apr-08	429.74								6.1	6.23	No Measurements; Well Dry
MP-093B	A Clay	07-Jan-08	429.84								11.69	11.79	No Measurements; Well Dry
MP-093B	A Clay	07-Apr-08	429.84								11.68	11.79	No Measurements; Well Dry
MP-094A	A Clay	07-Jan-08	428.63								9.73	9.63	No Measurements; Well Dry
MP-094A	A Clay	07-Apr-08	428.63		7.17		421.46	0.00	0.00	421.46		9.63	TD not measured
MP-094B	Main Silt	07-Jan-08	428.72									17.72	No Measurements; Well Dry
MP-094B	Main Silt	07-Apr-08	428.72									17.72	No Measurements; Well Dry
MP-095A	A Clay	07-Jan-08	428.6					0.00	0.00		9.65	9.65	No Measurements; Well Dry
MP-095A	A Clay	07-Apr-08	428.6					0.00	0.00		9.64	9.65	No Measurements; Well Dry
MP-095B	Main Silt	07-Jan-08	428.67					0.00	0.00			16.72	No Measurements; Well Dry
MP-095B	Main Silt	07-Apr-08	428.67		16.69		411.98	0.00	0.00	411.98		16.72	TD not measured
MP-096A	A Clay	07-Jan-08	429.42		5.08		424.34	0.00	0.00	424.34		5.27	TD not measured
MP-096A	A Clay	07-Apr-08	429.42		5.1		424.32	0.00	0.00	424.32		5.27	TD not measured
MP-096B	N. Olive	07-Jan-08	429.57					0.00	0.00		15.57	14.5	No Measurements; Well Dry
MP-096B	N. Olive	07-Apr-08	429.57					0.00	0.00		14.55	14.5	No Measurements; Well Dry
MP-096C	Rand	07-Jan-08	429.38									33.72	No Measurements; Well Dry
MP-096C	Rand	07-Apr-08	429.38									33.72	No Measurements; Well Dry
MP-096D	Main Sand	07-Jan-08	429.48	32.89	34.28	396.59	395.2	1.39	0.16	396.27		34.91	TD not measured
MP-096D	Main Sand	07-Apr-08	429.48	28.42	30.9	401.06	398.58	2.48	0.5	400.49		34.91	TD not measured
MP-097A	A Clay	07-Jan-08	429.33								4.76	4.84	No Measurements; Well Dry
MP-097A	A Clay	07-Apr-08	429.33								4.77	4.84	No Measurements; Well Dry
MP-097B	N. Olive	07-Jan-08	429.31									15.47	No Measurements; Well Dry
MP-097B	N. Olive	07-Apr-08	429.31									15.47	No Measurements; Well Dry
MP-097C	Rand	07-Jan-08	429.3								23.71	23.66	No Measurements; Well Dry
MP-097C	Rand	07-Apr-08	429.3								23.7	23.66	No Measurements; Well Dry
MP-097D	Main Sand	07-Jan-08	429.31	32.72	34.23	396.59	395.08	1.51	0.19	396.24		40.27	TD not measured
MP-097D	Main Sand	07-Apr-08	429.31	28.23	30.66	401.08	398.65	2.43	0.48	400.52		40.27	TD not measured
MP-098A	A Clay	07-Jan-08	429.4								4.66	4.63	No Measurements; Well Dry
MP-098A	A Clay	07-Apr-08	429.4									4.63	No Measurements; Well Dry
MP-098B	N. Olive	07-Jan-08	429.38								15.31	15.23	No Measurements; Well Dry
MP-098B	N. Olive	07-Apr-08	429.38								15.29	15.23	No Measurements; Well Dry
MP-098C	Rand	07-Jan-08	429.38								23.8	23.73	No Measurements; Well Dry
MP-098C	Rand	07-Apr-08	429.38								23.77	23.73	No Measurements; Well Dry
MP-099A	A Clay	07-Jan-08	431.59									6.99	No Measurements; Well Dry
MP-099A	A Clay	07-Apr-08	431.59									6.99	No Measurements; Well Dry
MP-099B	Main Silt	07-Jan-08	431.58									13.48	No Measurements; Well Dry
MP-099B	Main Silt	07-Apr-08	431.58									13.48	No Measurements; Well Dry
MP-099C	Main Sand	07-Jan-08	431.56					0.00	0.00			34.71	No Measurements; Well Dry
MP-099C	Main Sand	07-Apr-08	431.56		29.32		402.24	0.00	0.00	402.24		34.71	TD not measured
MP-100A	Fill	08-Jan-08	431.55								4.19	4.24	No Measurements; Well Dry
MP-100A	Fill	07-Apr-08	431.55								4.18	4.24	No Measurements; Well Dry
MP-100B	A Clay	08-Jan-08	431.62								7.25	7.28	No Measurements; Well Dry
MP-100B	A Clay	07-Apr-08	431.62								7.25	7.28	No Measurements; Well Dry
MP-100C	Main Silt	08-Jan-08	431.67									13.33	No Measurements; Well Dry
MP-100C	Main Silt	07-Apr-08	431.67									13.33	No Measurements; Well Dry

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	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)	Do	Piezometric Surface Elevation (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
MP-100D	Main Sand	08-Jan-08	431.65									34.71	No Measurements; Well Dry
MP-100D	Main Sand	07-Apr-08	431.65		29.36		402.29	0.00	0.00	402.29		34.71	TD not measured
MP-101A	A Clay	07-Jan-08	431.29		7.04		424.25	0.00	0.00	424.25		7.85	TD not measured
MP-101A	A Clay	07-Apr-08	431.29		7.08		424.21	0.00	0.00	424.21		7.85	TD not measured
MP-101B	Main Silt	07-Jan-08	431.3									13.86	No Measurements; Well Dry
MP-101B	Main Silt	07-Apr-08	431.3									13.86	No Measurements; Well Dry
MP-101C	Main Sand	07-Jan-08	431.31		34.32		396.99	0.00	0.00	396.99		34.67	TD not measured
MP-101C	Main Sand	07-Apr-08	431.31		29.08		402.23	0.00	0.00	402.23		34.67	TD not measured
MP-102A	A Clay	07-Jan-08	431.14								7.74	7.76	No Measurements; Well Dry
MP-102A	A Clay	08-Apr-08	431.14								7.75	7.76	No Measurements; Well Dry
MP-102B	Main Silt	07-Jan-08	431.13									14.88	No Measurements; Well Dry
MP-102B	Main Silt	08-Apr-08	431.13								14.75	14.88	No Measurements; Well Dry
MP-102C	Main Sand	07-Jan-08	431.13								34.55	33.95	No Measurements; Well Dry
MP-102C	Main Sand	08-Apr-08	431.13		28.65		402.48	0.00	0.00	402.48		33.95	TD not measured
MP-103A	A Clay	07-Jan-08	431.23								7.8	7.8	No Measurements; Well Dry
MP-103A	A Clay	08-Apr-08	431.23								7.81	7.8	No Measurements; Well Dry
MP-103B	Main Silt	07-Jan-08	431.25								14.58	14.45	No Measurements; Well Dry
MP-103B	Main Silt	08-Apr-08	431.25								14.59	14.45	No Measurements; Well Dry
MP-103C	Main Sand	07-Jan-08	431.24									34.53	No Measurements; Well Dry
MP-103C	Main Sand	08-Apr-08	431.24		28.83		402.41	0.00	0.00	402.41		34.53	TD not measured
MP-104A	A Clay	07-Jan-08	431.26								7.78	7.78	No Measurements; Well Dry
MP-104A	A Clay	08-Apr-08	431.26								7.79	7.78	No Measurements; Well Dry
MP-104B	Main Silt	07-Jan-08	431.29									14.44	No Measurements; Well Dry
MP-104B	Main Silt	08-Apr-08	431.29								14.45	14.44	No Measurements; Well Dry
MP-104C	Main Sand	07-Jan-08	431.25									34.47	No Measurements; Well Dry
MP-104C	Main Sand	08-Apr-08	431.25		28.88		402.37	0.00	0.00	402.37		34.47	TD not measured
MP-105A	A Clay / N Olive	07-Jan-08	430.95								9.7	9.7	No Measurements; Well Dry
MP-105A	A Clay / N.Olive	07-Apr-08	430.95								9.69	9.7	No Measurements; Well Dry
MP-105B	A Clay / N.Olive	07-Jan-08	431.36								9.39	9.39	No Measurements; Well Dry
MP-105B	A Clay / N.Olive	07-Apr-08	431.36								9.38	9.39	No Measurements; Well Dry
MP-105C	A Clay / N.Olive	07-Jan-08	431.35								9.36	9.36	No Measurements; Well Dry
MP-105C	A Clay / N.Olive	07-Apr-08	431.35								9.35	9.36	No Measurements; Well Dry
MP-105D	A Clay / N.Olive	07-Jan-08	431.43								9.24	9.24	No Measurements; Well Dry
MP-105D	A Clay / N.Olive	07-Apr-08	431.43								9.24	9.24	No Measurements; Well Dry
MP-105E	A Clay / N.Olive	07-Jan-08	431.46								9.51	9.51	No Measurements; Well Dry
MP-105E	A Clay / N.Olive	07-Apr-08	431.46								9.51	9.51	No Measurements; Well Dry
MP-106A	A Clay	07-Jan-08	429.49								5.22	5.12	No Measurements; Well Dry
MP-106A	A Clay	07-Apr-08	429.49								5.23	5.12	No Measurements; Well Dry
MP-106B	N. Olive	07-Jan-08	429.48								13.64	13.61	No Measurements; Well Dry
MP-106B	N. Olive	07-Apr-08	429.48								13.65	13.61	No Measurements; Well Dry
MP-106C	Rand	07-Jan-08	429.49								22.7	22.62	No Measurements; Well Dry
MP-106C	Rand	07-Apr-08	429.49		15.7		413.79	0.00	0.00	413.79		22.62	TD not measured
MP-107A	A Clay	07-Jan-08	429.76								5.21	5.26	No Measurements; Well Dry
MP-107A	A Clay	07-Apr-08	429.76								5.21	5.26	No Measurements; Well Dry
MP-107B	N. Olive	07-Jan-08	429.8								13.24	13.3	No Measurements; Well Dry
MP-107B	N. Olive	07-Apr-08	429.8								13.25	13.3	No Measurements; Well Dry
MP-107C	Rand	07-Jan-08	429.74								21.8	21.74	No Measurements; Well Dry
MP-107C	Rand	07-Apr-08	429.74		19.74		410	0.00	0.00	410		21.74	TD not measured
MP-108A	A Clay	07-Jan-08	429.57								5.15	5.12	No Measurements; Well Dry
MP-108A	A Clay	07-Apr-08	429.57								5.15	5.12	No Measurements; Well Dry
MP-108B	N. Olive	07-Jan-08	429.62								13.72	13.67	No Measurements; Well Dry
MP-108B	N. Olive	07-Apr-08	429.62	10.89	11.49	418.73	418.13	0.60	0.00	418.59		13.67	TD not measured
MP-108C	Rand	07-Jan-08	429.6								21.69	21.65	No Measurements; Well Dry
MP-108C	Rand	07-Apr-08	429.6								21.7	21.65	No Measurements; Well Dry
RW-001	Main Sand	07-Jan-08	433.78		36.92		396.86	0.00	0.00	396.86		44.35	TD not measured
RW-001	Main Sand	08-Apr-08	433.78		31.5		402.28	0.00	0.00	402.28		44.35	TD not measured
RW-002	Main Sand	07-Jan-08	431.99	35.33	37.38	396.66	394.61	2.05	0.36	396.19			TD not measured
RW-002	Main Sand	07-Apr-08	431.99	30.65	32.81	401.34	399.18	2.16	0.4	400.84			TD not measured
RW-003	Main Sand / potentially other hydrostratigraphic unit	07-Jan-08	433.35	37.07	38.73	396.28	394.62	1.66	0.22	395.9			TD not measured
RW-003	Main Sand / potentially other hydrostratigraphic unit	07-Apr-08	433.35	32.25	33.15	401.1	400.2	0.90	0.06	400.89	47.21		
RW-004	Rand / C Clay / Main Sand	07-Jan-08	429.65		33.65		396	0.00	0.00	396		43.17	TD not measured
RW-004	Rand / C Clay / Main Sand	07-Apr-08	429.65		28.73		400.92	0.00	0.00	400.92	43.11	43.17	
RW-004A	Rand / C Clay / Main Sand	07-Jan-08	429.86	33.58	34.93	396.28	394.93	1.35	0.13	395.97		44.11	TD not measured
RW-004A	Rand / C Clay / Main Sand	07-Apr-08	429.86	28.45	30.25	401.41	399.61	1.80	0.27	401	44.22	44.11	
RW-005	Rand / C Clay / Main Sand	07-Jan-08	430.22	33.55	35.55	396.67	394.67	2.00	0.35	396.21		43.99	TD not measured
RW-005	Rand / C Clay / Main Sand	07-Apr-08	430.22	28.85	31.06	401.37	399.16	2.21	0.41	400.86		43.99	TD not measured

TABLE 1
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
The Hartford Area Hydrocarbon Plume Site

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

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation[1] (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Do	Piezometric Surface Elevation[2] (ft)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments

NOTES:
= No data or DRY (See Comments)
PL = Permeable Lense
SG = Specific gravity of hydrocarbon determined to be an average of 0.77 for data recorded during and after 09/02
(T xx/xx/xxxx) = Date transducer installed in well, however, data may be from miniTROLL or manual gauging
[1] = D_o is a normalized volume of LNAPL (ft^3/ft^2) per unit surface area, but is expressed as a thickness (in units of feet)
[2] = Piezometric surface elevation = [(A)-(C)]+SG[(C)-(B)]
MP-5 through 28 installed as vacuum monitoring probes by Clayton in 7/03 and are not appropriate for determining groundwater flow
HMW-30 through 37, RW-4 and RMW-4A installed as pilot test wells by Clayton in 2004 and are not appropriate for determining groundwater flow
TOC elevations surveyed to USGS datum by CMT
Total Depths listed in January 2007 are from July 2008 unless otherwise indicated
For D_o, URS used Clayton's "Do Calculation Table (rev. 10-11-06)" to populate column

TABLE 2
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH OCTOBER
Wells (Shell Sites) Outside of Hartford, Illinois

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

Well	Stratum Screened	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)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
HMW-050A	Rand	07-Jan-08	434.43		23.51		410.92		410.92		29.84	
HMW-050A	Rand	07-Apr-08	434.43		8.39		426.04		426.04		29.84	
HMW-050B	EPA	07-Jan-08	434.43		35.64		398.79		398.79		43.27	
HMW-050B	EPA	07-Apr-08	434.43		28.99		405.44		405.44		43.27	
HMW-050C	Main Sand (below D Clay)	07-Jan-08	434.28		38.48		395.80		395.8		57.88	
HMW-050C	Main Sand (below D Clay)	07-Apr-08	434.28		34.35		399.93		399.93		57.88	
P-077	Main Sand (below D Clay)	07-Jan-08	434.71		38.79		395.92		395.92		71	
P-077	Main Sand (below D Clay)	07-Apr-08	434.71		34.98		399.73		399.73		71	
P-078	Main Sand (below D Clay)	07-Jan-08	433.33		37.41		395.92		395.92		68	
P-078	Main Sand (below D Clay)	07-Apr-08	433.33		33.54		399.79		399.79		68	
P-079	Main Sand (below D Clay)	07-Jan-08	432.72		36.77		395.95		395.95		63	
P-079	Main Sand (below D Clay)	07-Apr-08	432.72		32.8		399.92		399.92		63	
P-080	Main Sand (below D Clay)	07-Jan-08	433.1		37.17		395.93		395.93		64.5	
P-080	Main Sand (below D Clay)	07-Apr-08	433.1		33.17		399.93		399.93		64.5	
P-081	EPA	07-Jan-08	433.26		36.6		396.66		396.66		42	
P-081	EPA	07-Apr-08	433.26		34.37		398.89		398.89		42	Petroleum-like odor
P-104	N. Olive / B Clay / Rand	07-Jan-08	432.74		25.15		407.59		407.59		27.5	
P-104	N. Olive / B Clay / Rand	07-Apr-08	432.74		16.4		416.34		416.34		27.5	
P-105	EPA	07-Jan-08	432.59		35.05		397.54		397.54		40.5	
P-105	EPA	07-Apr-08	432.59		31.47		401.12		401.12		40.5	
P-106	Main Sand (below D Clay)	07-Jan-08	432.7		36.7		396.00		396		54	
P-106	Main Sand (below D Clay)	07-Apr-08	432.7		32.63		400.07		400.07		54	
P-107	EPA	07-Jan-08	431.92		33.26		398.66		398.66		42.5	
P-107	EPA	07-Apr-08	431.92		21.17		410.75		410.75		42.5	
P-131	Rand	07-Jan-08	432.65		25.45		407.20		407.2		27.31	
P-131	Rand	07-Apr-08	432.65		10.49		422.16		422.16		27.31	
P-132	EPA	07-Jan-08	432.12		33.29		398.83		398.83		28.81	
P-132	EPA	07-Apr-08	432.12		26.39		405.73		405.73		28.81	
P-133	N. Olive	07-Jan-08	431.06		25.08		405.98		405.98		25	
P-133	N. Olive	07-Apr-08	431.06		13.42		417.64		417.64		25	Petroleum-like odor
P-134	N. Olive	07-Jan-08	432.55				432.55				24.62	Dry
P-134	N. Olive	07-Apr-08	432.55		11.03		421.52		421.52		24.62	
SP-001	Rand	07-Jan-08	429.01		17.1		411.91		411.91		28	
SP-001	Rand	08-Apr-08	429.01		6.86		422.15		422.15		28	
SP-002B	EPA	07-Jan-08	429.11		30.05		399.06		399.06		41	
SP-002B	EPA	08-Apr-08	429.11		30.3		398.81		398.81		41	DTW is suspect.
SP-003	Rand	07-Jan-08	431.64		19.04		412.60		412.6		28.15	
SP-003	Rand	07-Apr-08	431.64		9.21		422.43		422.43		28.15	
SP-005	Rand	07-Jan-08	431.15		18.86		412.29		412.29		28	
SP-005	Rand	07-Apr-08	431.15		6.96		424.19		424.19		28	
SP-006	Rand	07-Jan-08	433.08		20.08		413.00		413		30	
SP-006	Rand	07-Apr-08	433.08		8.51		424.57		424.57		30	Petroleum-like odor
SP-007	Rand	07-Jan-08	429.03		17		412.03		412.03		27	
SP-007	Rand	08-Apr-08	429.03		6.27		422.76		422.76		27	Petroleum-like odor
SP-008	Rand	07-Jan-08	429.03		16.85		412.18		412.18		25	
SP-008	Rand	08-Apr-08	429.03		5.84		423.19		423.19		25	
SP-009	Rand	07-Jan-08	432.65		19.8		412.85		412.85		30.24	
SP-009	Rand	07-Apr-08	432.65		8.28		424.37		424.37		30.24	
SP-010	Rand	07-Jan-08	432.61		19.85		412.76		412.76		28.73	
SP-010	Rand	07-Apr-08	432.61		6.6		426.01		426.01		28.73	
SP-011	Rand	07-Jan-08	432.4		19.31		413.09		413.09		30	
SP-011	Rand	07-Apr-08	432.4		7.61		424.79		424.79		30	
SP-015	Rand	07-Jan-08	428.89		17.32		411.57		411.57		25.37	
SP-015	Rand	08-Apr-08	428.89		6.05		422.84		422.84		25.37	
SP-016	Rand	07-Jan-08	429.43		18		411.43		411.43		28	
SP-016	Rand	08-Apr-08	429.43		7		422.43		422.43		28	
SP-019	Rand	07-Jan-08	430.87		20.88		409.99		409.99		27.5	
SP-019	Rand	07-Apr-08	430.87		8.59		422.28		422.28		27.5	
SP-020	Rand	07-Jan-08	431.16		20.09		411.07		411.07		25.5	

TABLE 2
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH OCTOBER
Wells (Shell Sites) Outside of Hartford, Illinois

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

Well	Stratum Screened	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)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
SP-020	Rand	07-Apr-08	431.16		7.46		423.70		423.7		25.5	
SP-021	Rand	07-Jan-08	431.68		22.41		409.27		409.27		27.5	Strong petroleum-like odor
SP-021	Rand	07-Apr-08	431.68		11.15		420.53		420.53		27.5	
SP-022	Rand	07-Jan-08	430.35		18.71		411.64		411.64		29.5	
SP-022	Rand	08-Apr-08	430.35		7.16		423.19		423.19		29.5	
SP-023	Rand	07-Jan-08	430.7		19.82		410.88		410.88		27.5	Strong organic odor
SP-023	Rand	08-Apr-08	430.7		7.9		422.80		422.8		27.5	
SP-024	Rand	08-Apr-08	428.89		6.08		422.81		422.81		25	Sheen observed; Petroleum-like odor present
SP-024	Rand	08-Apr-08	428.89		16.8		412.09		412.09		25	
SP-025	Rand		428.61				428.61				25	
SP-025	Rand	07-Jan-08	428.61				428.61				25	Well surface destroyed during rem. syst. removal
SP-026	Rand	07-Jan-08	429.88		17.99		411.89		411.89		28.5	
SP-026	Rand	08-Apr-08	429.88		7.23		422.65		422.65		28.5	
SP-027	Rand	07-Jan-08	431.93	19.88	20.97	412.05	410.96	1.09	411.7666		30	Trace product visually observed on probe
SP-027	Rand	08-Apr-08	431.93		9.91		422.02		422.02		30	Trace product visually observed on probe
SP-028	Rand	07-Jan-08	432.21		19.57		412.64		412.64		28.06	
SP-028	Rand	07-Apr-08	432.21		10.05		422.16		422.16		28.06	
SP-029	Rand	07-Jan-08	431.81		19.55		412.26		412.26		30.5	
SP-029	Rand	08-Apr-08	431.81		8.65		423.16		423.16		30.5	
SP-030	Rand	07-Jan-08	431.87		21.01		410.86		410.86		29.5	Strong petroleum-like odor
SP-030	Rand	08-Apr-08	431.87		10.21		421.66		421.66		29.5	Strong petroleum-like odor
SP-031	Rand	07-Jan-08	429.77		18.27		411.50		411.5		27	
SP-031	Rand	07-Apr-08	429.77				429.77				27	Not gauged because surrounding area under ~2 ft water
SP-032	Rand	07-Jan-08	430.49		18.94		411.55		411.55		27	
SP-032	Rand	08-Apr-08	430.49		7.66		422.83		422.83		27	
SP-033	Rand	07-Jan-08	430.99		19.67		411.32		411.32		30.5	
SP-033	Rand	08-Apr-08	430.99		8.81		422.18		422.18		30.5	
SP-034	Rand	07-Jan-08	430.17		19.22		410.95		410.95		29.5	
SP-034	Rand	07-Apr-08	430.17				430.17				29.5	Not gauged because surrounding area under ~2 ft water
SP-035	Rand	07-Jan-08	431.13		19.2		411.93		411.93		29.5	
SP-035	Rand	08-Apr-08	431.13		8.49		422.64		422.64		29.5	
SP-036	Main Sand (below D Clay)	07-Jan-08	429.5		33.85		395.65		395.65		55.55	
SP-036	Main Sand (below D Clay)	07-Apr-08	429.5		30.47		399.03		399.03		55.55	
SP-037	EPA	07-Jan-08	429.71		31.6		398.11		398.11		36.59	
SP-037	EPA	07-Apr-08	429.71		18.68		411.03		411.03		36.59	
SP-038	Rand	07-Jan-08	430.9		24.87		406.03		406.03		25.26	
SP-038	Rand	07-Apr-08	430.9		11.68		419.22		419.22		25.26	
SP-039	Rand	07-Jan-08	429.29		18.76		410.53		410.53		31.84	
SP-039	Rand	08-Apr-08	429.29		3.19		426.10		426.1		31.84	
SP-040	EPA	07-Jan-08	429.22		29.95		399.27		399.27		42.53	
SP-040	EPA	08-Apr-08	429.22		21.53		407.69		407.69		42.53	
SP-041	Main Sand (below D Clay)	07-Jan-08	429.04		33.76		395.28		395.28		60.71	
SP-041	Main Sand (below D Clay)	08-Apr-08	429.04		29.21		399.83		399.83		60.71	
SP-042	Main Sand (below D Clay)	07-Jan-08	431.76		36.2		395.56		395.56		55.83	
SP-042	Main Sand (below D Clay)	07-Apr-08	431.76		31.36		400.40		400.4		55.83	
SP-043	EPA	07-Jan-08	431.79		31.2		400.59		400.59		41.69	
SP-043	EPA	07-Apr-08	431.79		20.81		410.98		410.98		41.69	
SP-044	Rand	07-Jan-08	431.89		20.8		411.09		411.09		26.623	
SP-044	Rand	07-Apr-08	431.89		10.51		421.38		421.38		26.623	
SP-045	EPA	07-Jan-08	434.16		35.21		398.95		398.95		45.63	
SP-045	EPA	07-Apr-08	434.16		28.33		405.83		405.83		45.63	
SP-046	Main Sand (below D Clay)	07-Jan-08	434.06		38.45		395.61		395.61		54.92	
SP-046	Main Sand (below D Clay)	07-Apr-08	434.06		34.12		399.94		399.94		54.92	

TABLE 2
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH OCTOBER
Wells (Shell Sites) Outside of Hartford, Illinois

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

Well	Stratum Screened	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)	Total Well Depth (TOC) (ft)	Historical Total Depth (ft)	Comments
SP-047	EPA	07-Jan-08	432.96		33.99		398.97		398.97		44.33	
SP-047	EPA	07-Apr-08	432.96		27.14		405.82		405.82		44.33	
SP-048	Unknown	07-Jan-08	432.31		34.29		398.02		398.02		46.98	
SP-048	Unknown	07-Apr-08	432.31		27.91		404.40		404.4		46.98	
SP-049	Unknown	07-Jan-08	428.85		30.56		398.29		398.29		41.77	
SP-049	Unknown	08-Apr-08	428.85		24.02		404.83		404.83		41.77	
SP-050	EPA	07-Jan-08	432.47		33.74		398.73		398.73		44.1	
SP-050	EPA	08-Apr-08	432.47		26.73		405.74		405.74		44.1	
SP-051	Main Sand	07-Jan-08	432.49		36.95		395.54		395.54		56.45	
SP-051	Main Sand	08-Apr-08	432.49		32.72		399.77		399.77		56.45	
SP-052	Rand	07-Jan-08	428.99		18.7		410.29		410.29		26.34	
SP-052	Rand	17-Apr-08	428.99		3.52		425.47		425.47		26.34	Well gauged on 4/17/2008
SP-053	EPA	07-Jan-08	428.92		30.58		398.34		398.34		35.66	
SP-053	EPA	17-Apr-08	428.92		18.51		410.41		410.41		35.66	Well gauged on 4/17/2008
SP-054	Main	07-Jan-08	428.9		33.48		395.42		395.42		51.5	
SP-054	Main	17-Apr-08	428.9		26.41		402.49		402.49		51.5	Well gauged on 4/17/2008
SP-055	Rand	07-Jan-08	432.31		19.41		412.90		412.9		29.02	
SP-055	Rand	07-Apr-08	432.31		7.55		424.76		424.76		29.02	
SP-056	EPA	07-Jan-08	432.21		33.39		398.82		398.82		43.07	
SP-056	EPA	07-Apr-08	432.21	25.95	26.38	406.26	405.83	0.43	406.1482		43.07	
SP-057	Main	07-Jan-08	432.15		36.61		395.54		395.54		54.42	
SP-057	Main	07-Apr-08	432.15		30.22		401.93		401.93		54.42	
SP-058	EPA	07-Jan-08	431.93		33.42		398.51		398.51		48.3	
SP-058	EPA	07-Apr-08	431.93		26.5		405.43		405.43		48.3	
SP-059	Main	07-Jan-08	431.94		36.62		395.32		395.32		57.69	
SP-059	Main	07-Apr-08	431.94		32.68		399.26		399.26		57.69	
SP-060	Main	07-Jan-08	432.05		36.6		395.45		395.45		58.41	
SP-060	Main	07-Apr-08	432.05		32.88		399.17		399.17		58.41	
TP-PZ-1	EPA	07-Jan-08	437.36		38.42		398.94		398.94		48.42	
TP-PZ-1	EPA	07-Apr-08	437.36		31.81		405.55		405.55		48.42	
TP-PZ-2	EPA	07-Jan-08	434.43		35.48		398.95		398.95		46.81	
TP-PZ-2	EPA	07-Apr-08	434.43		28.64		405.79		405.79		46.81	

NOTES:
= No data or DRY (See Comments)
PL = Permeable Lense
SG = Specific gravity of hydrocarbon determined to be an average of 0.77 for data recorded during and after 09/02
(T xx/xx/xxxx) = Date transducer installed in well, however, data may be from miniTROLL or manual gauging
[1] = D_o is a normalized volume of LNAPL (ft^3/ft^2) per unit surface area, but is expressed as a thickness (in units of feet)
[2] = Piezometric surface elevation = [(A)-(C)]+SG[(C)-(B)]
MP-5 through 28 installed as vacuum monitoring probes by Clayton in 7/03 and are not appropriate for determining groundwater flow
HMW-30 through 37, RW-4 and RMW-4A installed as pilot test wells by Clayton in 2004 and are not appropriate for determining groundwater flow
TOC elevations surveyed to USGS datum by CMT
Total Depths listed in January 2007 are from July 2006 unless otherwise indicated
For D_o, URS used Clayton's "Do Calculation Table (rev. 10-11-06)" to populate column

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located In Premcor Facility

1190500002 – Madison County – ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
DS-001	Main Shallow	07-Jan-08	430.94	33.95	34.29	396.99	396.65	0.3400002	396.92		34.57	
DS-001	Main Shallow	07-Apr-08	430.94								34.57	Unable to access
DS-002	Main Shallow	07-Jan-08	431.13	33.99	34.2	397.14	396.93	0.2099991	397.09		34.87	
DS-002	Main Shallow	07-Apr-08	431.13								34.87	Unable to access
DS-003	Main Shallow	07-Jan-08	430.49	33.4	34.92	397.09	395.57	1.519997	396.76		34.33	
DS-003	Main Shallow	07-Apr-08	430.49								34.33	Unable to access
DS-004	Main Shallow	07-Jan-08	431.26	34.48	34.84	396.78	396.42	0.3600006	396.7		34.52	
DS-004	Main Shallow	07-Apr-08	431.26								34.52	Unable to access
FP STAFF GAUGE	Surface	07-Jan-08	442.21		7.45		434.76		434.76			
FP STAFF GAUGE	Surface	07-Apr-08	442.21		7.92		434.29		434.29			
GB STAFF GAUGE	Surface	07-Jan-08	432.1									NM- Unable to access
GB STAFF GAUGE	Surface	07-Apr-08	432.1									Unable to access
GB-001	Main Shallow	07-Jan-08	431.59		32.51		399.08		399.08		41.89	
GB-001	Main Shallow	07-Apr-08	431.59		31.27		400.32		400.32		41.89	
GB-006	Main Shallow	07-Jan-08	430.53		32.8		397.73		397.73		43.78	
GB-006	Main Shallow	07-Apr-08	430.53		32.22		398.31		398.31		43.78	
LP-004	Main Shallow	07-Jan-08	432.55		34.76		397.79		397.79		42.25	
LP-004	Main Shallow	07-Apr-08	432.55		33.78		398.77		398.77		42.25	
MP-001D	EPA	07-Jan-08	431.04								38.74	NM-Could not locate
MP-001D	EPA	07-Apr-08	431.04								38.74	Could not locate
MP-001S	North Olive	07-Jan-08	431.37								26.87	NM-Could not locate
MP-001S	North Olive	07-Apr-08	431.37								26.87	Could not locate
MP-002D	EPA	07-Jan-08	430.27								33.37	NM-Could not locate
MP-002D	EPA	07-Apr-08	430.27								33.37	Could not locate
MP-002S	North Olive	07-Jan-08	430.66								26.96	NM-Could not locate
MP-002S	North Olive	07-Apr-08	430.66								26 96	Could not locate
MP-003D	EPA	07-Jan-08	430.51								33.71	NM-Could not locate
MP-003D	EPA	07-Apr-08	430.51								33.71	Could not locate
MP-003S	North Olive	07-Jan-08	430.59								26.69	NM-Could not locate
MP-003S	North Olive	07-Apr-08	430.59								26.69	Could not locate
MP-004D	EPA	07-Jan-08	430.42							33.83	33.52	Dry
MP-004D	EPA	07-Apr-08	430.42	30.82	32	399.6	398.42	1.18	399.34		33.52	
MP-004S	North Olive	07-Jan-08	430.42								26.62	NM-Could not locate
MP-004S	North Olive	07-Apr-08	430.42								26.62	Could not locate
MW-001	Main Shallow	07-Jan-08	420.39		20.13		400.26		400.26		2.93	
MW-001	Main Shallow	07-Apr-08	420.39		10.13		410.26		410.26		27.1	
MW-002	Main Shallow	07-Jan-08	419.1		19.27		399.83		399.83		3.12	
MW-002	Main Shallow	07-Apr-08	419.1		9.47		409.63		409.63		25.59	
MW-003	Main Shallow	07-Jan-08	421.37		21.66		399.71		399.71		1.09	
MW-003	Main Shallow	07-Apr-08	421.37		11.63		409.74		409.74		26.65	
MW-004	Main Shallow	07-Jan-08	421.38		21.93		399.45		399.45		2.37	
MW-004	Main Shallow	07-Apr-08	421.38		11.68		409.7		409.7		27.99	
P6E	Main Basal	07-Jan-08	429.73	33.68	35.33	396.05	394.4	1.650002	395.69		114	
P6E	Main Basal	07-Apr-08	429.73	29.9	31.51	399.83	398.22	1.610001	399.48			
P6N	Main Basal	07-Jan-08	430.29		34.51		395.78		395.78		114	
P6N	Main Basal	07-Apr-08	430.29		30.71		399.58		399.58			
P6S	Main Basal	07-Jan-08	430.28		34.51		395.77		395.77		114	
P6S	Main Basal	07-Apr-08	430.28		30.69		399.59		399.59			
PRODUCT PIPELNE SUMP		07-Jan-08			13.59							
PRODUCT PIPELNE SUMP		07-Apr-08			12.39							
RB-001	Main	07-Jan-08	430.28							33.54	38	Dry
RB-001	Main	07-Apr-08	430.28		31.7		398.58		398.58		38	
RB-008	EPA	07-Jan-08	433.42	24.75		408.67				29.56	51.61	
RB-008	EPA	07-Apr-08	433.42	23.04	26.39	410.38	407.03	3.349998	409.64		51.61	
RB-008P	Main	07-Jan-08	432.39	33.19	40.65	399.2	391.74	7.460003	397.56		54	
RB-008P	Main	07-Apr-08	432.39	28.75	37.18	403.64	395.21	8.43	401.79		54	
RB-010	Combined EPA-Main	07-Jan-08	430.16	33.59	33.84	396.57	396.32	0.25	396.52		47	
RB-010	Combined EPA-Main	07-Apr-08	430.16	31.19	31.2	398.97	398.96	0.01000023	398.97		47	
RB-013	EPA	07-Jan-08	430.79		32.66		398.13		398.13		45.5	
RB-013	EPA	07-Apr-08	430.79		31.43		399.36		399.36		45.5	
RB-022	Main	07-Jan-08	431.06								46.16	Dry
RB-022	Main	07-Apr-08	431.06		30.85		400.21		400.21		46.16	

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located in Premcor Facility

1190500002 – Madison County – ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RB-025	EPA	07-Jan-08	432.1		35.53		396.57		396.57		47.3	
RB-025	EPA	07-Apr-08	432.1		32.19		399.91		399.91		47.3	
RB-026	EPA	07-Jan-08	430.05		32.98		397.07		397.07		49	
RB-026	EPA	07-Apr-08	430.05		29.95		400.1		400.1		49	
RB-029	North Olive	07-Jan-08	431.97	13.73	14.64	418.24	417.33	0.9100008	418.04		22.02	
RB-029	North Olive	07-Apr-08	431.97	11.7	12.06	420.27	419.91	0.3600006	420.19		22.02	
RB-030	Main	07-Jan-08	431.94		34.93		397.01		397.01		46.15	
RB-030	Main	07-Apr-08	431.94		33.4		398.54		398.54		46.15	
RB-035	EPA	07-Jan-08	429.49	32.23	33.88	397.26	395.61	1.650002	396.9		45.08	
RB-035	EPA	07-Apr-08	429.49	30.28	31.38	399.21	398.11	1.099998	398.97		45.08	
RB-036	North Olive	07-Jan-08	429.21		24.35		404.86		404.86		27	
RB-036	North Olive	07-Apr-08	429.21		18.09		411.12		411.12		27	
RB-037	Main	07-Jan-08	428.52								62	NM - Skimmer Pump
RB-037	Main	07-Apr-08	428.52								62	NM - Skimmer Pump
RB-038	Main	07-Jan-08	433.73		37.66		396.07		396.07		53	
RB-038	Main	07-Apr-08	433.73	36.59	36.6	397.14	397.13	0.009998322	397.14		53	
RB-039	EPA	07-Jan-08	431.54		32.97		398.57		398.57		45.95	
RB-039	EPA	07-Apr-08	431.54		27.58		403.96		403.96		45.95	
RB-040	Main	07-Jan-08	433.51		37.04		396.47		396.47		46.97	
RB-040	Main	07-Apr-08	433.51		36.45		397.06		397.06		46.97	
RB-041	Main	07-Jan-08	433.25		37.04		396.21		396.21		47.41	
RB-041	Main	07-Apr-08	433.25		36.72		396.53		396.53		47.41	
RB-042	Main	07-Jan-08	428.47		31.9		396.57		396.57		44.58	
RB-042	Main	07-Apr-08	428.47		31.53		396.94		396.94		44.58	
RB-043	Main	07-Jan-08	427.99		28.85		399.14		399.14		36.89	
RB-043	Main	07-Apr-08	427.99		28.15		399.84		399.84		36.89	
RB-044	Main	07-Jan-08	432.99		34.16		398.83		398.83		40.71	
RB-044	Main	07-Apr-08	432.99		32.92		400.07		400.07		40.71	
RB-045	Main	07-Jan-08	431.95		33.38		398.57		398.57		47.38	
RB-045	Main	07-Apr-08	431.95		32.05		399.9		399.9		47.38	
RB-046	Main	07-Jan-08	430.61		33		397.61		397.61		42.62	
RB-046	Main	07-Apr-08	430.61		30.68		399.93		399.93		42.62	
RB-047	Main	07-Jan-08	431.05		33.7		397.35		397.35		42.53	
RB-047	Main	07-Apr-08	431.05		31.14		399.91		399.91		42.53	
RB-048	Main	07-Jan-08	431.36								42.49	NM - Skimmer Pump
RB-048	Main	07-Apr-08	431.36								42.49	NM - Skimmer Pump
RB-049	Main	07-Jan-08	429.32		5.05		424.27		424.27		44.51	
RB-049	Main	07-Apr-08	429.32		2.45		426.87		426.87		44.51	
RB-050	Main	07-Jan-08	431.47		8.58		422.89		422.89		47.52	
RB-050	Main	07-Apr-08	431.47		3.65		427.82		427.82		47.52	
RB-051	Main	07-Jan-08	431.54		32.49		399.05		399.05		42.56	
RB-051	Main	07-Apr-08	431.54		28.45		403.09		403.09		42.56	
RB-052	Main	07-Jan-08	431.97								44.06	NM - Skimmer Pump
RB-052	Main	07-Apr-08	431.97								44.06	NM - Skimmer Pump
RB-053	EPA	07-Jan-08	433.31								44.29	NM - Skimmer Pump
RB-053	EPA	07-Apr-08	433.31								44.29	NM - Skimmer Pump
RB-054	EPA	07-Jan-08	431.79		29.42		402.37		402.37		42.54	
RB-054	EPA	07-Apr-08	431.79		18.52		413.27		413.27		42.54	
RB-055	EPA	07-Jan-08	433.82								42.57	NM - Skimmer Pump
RB-055	EPA	07-Apr-08	433.84								42.57	NM - Skimmer Pump
RB-056	EPA	07-Jan-08	431.89								46.54	NM - Skimmer Pump
RB-056	EPA	07-Apr-08	431.89								46.54	NM - Skimmer Pump
RD NORTH STAFF GAUGE	Surface	07-Jan-08										
RD NORTH STAFF GAUGE	Surface	07-Apr-08										No longer exists
RMP-005B	North Olive	07-Jan-08	430.96		18		412.96		412.96		18.02	
RMP-005B	North Olive	07-Apr-08	430.96		18.03		412.93		412.93		18.1	
RMP-005C	EPA	07-Jan-08	431.24		35.57		395.67		395.67		41.41	
RMP-005C	EPA	07-Apr-08	431.24		33.31		397.93		397.93		41.41	
RMP-005D	Main Below D Clay	07-Jan-08	431.41		36.05		395.36		395.36		54	
RMP-005D	Main Below D Clay	07-Apr-08	431.41		32.11		399.3		399.3		54	
RMP-006B	North Olive	07-Jan-08	429.97							17.12	16.99	Dry
RMP-006B	North Olive	07-Apr-08	429.97								16.99	Dry

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located in Premcor Facility

1190500002 – Madison County – ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RMP-006C	EPA	07-Jan-08	429.88		33.04		396.84		396.84		36.59	
RMP-006C	EPA	07-Apr-08	429.88		31.29		398.59		398.59		36.59	
RMP-006D	Main Below D Clay	07-Jan-08	430.26		34.4		395.86		395.86		54.3	
RMP-006D	Main Below D Clay	07-Apr-08	430.26		30.61		399.65		399.65		54.3	
RMP-007B	North Olive	07-Jan-08	430.58							17.67	17.65	Dry
RMP-007B	North Olive	07-Apr-08	430.58		17.7		412.88		412.88		17.72	
RMP-007C	EPA	07-Jan-08	430.49		34.26		396.23		396.23		40.09	
RMP-007C	EPA	07-Apr-08	430.49		32.14		398.35		398.35		40.09	
RMP-007D	Main Below D Clay	07-Jan-08	430.56		34.8		395.76		395.76		52.68	
RMP-007D	Main Below D Clay	07-Apr-08	430.56		30.89		399.67		399.67		52.68	
RMP-008B	North Olive	07-Jan-08	433.42							19.83	19.7	Dry
RMP-008B	North Olive	07-Apr-08	433.42								19.7	Dry
RMP-008C	EPA	07-Jan-08	433.37		35.89		397.48		397.48		42.14	
RMP-008C	EPA	07-Apr-08	433.37		34.81		398.56		398.56		42.14	
RMP-008D	Main Below D Clay	07-Jan-08	433.33		37.22		396.11		396.11		55.9	
RMP-008D	Main Below D Clay	07-Apr-08	433.33		33.63		399.7		399.7		55.9	
RMP-009B	North Olive	07-Jan-08	433.95		20.87		413.08		413.08	20.89	20.92	
RMP-009B	North Olive	07-Apr-08	433.95		18.69		415.26		415.26		20.92	
RMP-009C	Main Shallow	07-Jan-08	434.2	37.72	39.34	396.48	394.86	1.619999	396.12		49.33	
RMP-009C	Main Shallow	07-Apr-08	434.2	33.7	35.5	400.5	398.7	1.799999	400.1		49.33	
RMP-010B	North Olive	07-Jan-08	430.7		17.8		412.9		412.9		17.8	
RMP-010B	North Olive	07-Apr-08	430.7								17.8	Dry
RMP-010C	Main	07-Jan-08	430.74	34.09	35.76	396.65	394.98	1.669998	396.28		44.76	
RMP-010C	Main	07-Apr-08	430.74		30.42		400.32		400.32		44.76	
RMP-011B	North Olive	07-Jan-08	429.81								18.37	Dry
RMP-011B	North Olive	07-Apr-08	429.81								18.37	Dry
RMP-011C	Main	07-Jan-08	429.82	32.89	35.66	396.93	394.16	2.77	396.32		43.65	
RMP-011C	Main	07-Apr-08	429.82		29.61		400.21		400.21		43.65	
RMP-012B	North Olive	07-Jan-08	430.45								18.34	Dry
RMP-012B	North Olive	07-Apr-08	430.45		14.27		416.18		416.18		18.34	
RMP-012D	Main	07-Jan-08	430.35		33.77		396.58		396.58		48.75	
RMP-012D	Main	07-Apr-08	430.35		29.64		400.71		400.71		48.75	
RMP-013C	Main	07-Jan-08	431.32		34.42		396.9		396.9		39.79	
RMP-013C	Main	07-Apr-08	431.32		33.1		398.22		398.22		39.79	
RMP-014C	Main	07-Jan-08	430.64	32.62	39.92	398.02	390.72	7.299999	396.41		39.76	
RMP-014C	Main	07-Apr-08	430.64	28.77	35.39	401.87	395.25	6.619999	400.41		39.76	
RMP-015B	North Olive	07-Jan-08	433.77		20.82		412.95		412.95	20.89	20.73	
RMP-015B	North Olive	07-Apr-08	433.77		20.81		412.96		412.96		20.9	
RMP-016B	EPA	07-Jan-08	434.13	37.87	39.29	396.26	394.84	1.420002	395.95		40.56	
RMP-016B	EPA	07-Apr-08	434.13		35.24		398.89		398.89		40.56	
RMP-017A	Main	07-Jan-08	434.2	37.74	39.71	396.46	394.49	1.969997	396.03		44.26	
RMP-017A	Main	07-Apr-08	434.2		34.28		399.92		399.92		44.26	
RMP-018A	Main	07-Jan-08	430.07	33.43	35.16	396.64	394.91	1.73	396.26		39.96	
RMP-018A	Main	07-Apr-08	430.07	29.53	30.78	400.54	399.29	1.25	400.27		39.96	
RMP-019A	Main	07-Jan-08	430.41	33.8	34.75	396.61	395.66	0.9500008	396.4		42.03	
RMP-019A	Main	07-Apr-08	430.41	29.67	30.67	400.74	399.74	1	400.52		42.03	
RMW-001A	A Clay	07-Jan-08	429.78		10.1		419.68		419.68		10.24	
RMW-001A	A Clay	07-Apr-08	429.78		10.07		419.71		419.71		10.24	
RMW-001B	Main Silt	07-Jan-08	429.72		26.21		403.51		403.51		26.68	
RMW-001B	Main Silt	07-Apr-08	429.72	25.08	25.85	404.64	403.87	0.7700005	404.47		26.68	
RMW-001C	Main Shallow	07-Jan-08	429.48	31.9	34.99	397.58	394.49	3.090002	396.9		40.43	
RMW-001C	Main Shallow	07-Apr-08	429.48	28.5	30.95	400.98	398.53	2.450001	400.44		40.43	
RMW-001D	Main Intermediate	07-Jan-08	429.66		32.79		396.87		396.87		64.51	
RMW-001D	Main Intermediate	07-Apr-08	429.66		28.55		401.11		401.11		64.51	
RMW-001E	Main Deep	07-Jan-08	429.63		32.78		396.85		396.85		84.48	
RMW-001E	Main Deep	07-Apr-08	429.63		28.53		401.1		401.1		84.48	
RMW-001F	Main Basal	07-Jan-08	429.43		32.54		396.89		396.89		105.78	
RMW-001F	Main Basal	07-Apr-08	429.43		28.38		401.05		401.05		105.78	
RMW-002A	North Olive	07-Jan-08	433.64		21.92		411.72		411.72		22.01	
RMW-002A	North Olive	07-Apr-08	433.64		21.92		411.72		411.72		22.01	
RMW-002B	B/C Clay Perm Lens	07-Jan-08	433.64		26.56		407.08		407.08		27.51	
RMW-002B	B/C Clay Perm Lens	07-Apr-08	433.64		25.37		408.27		408.27		27.51	

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located In Premcor Facility

1190500002 – Madison County – ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RMW-002C	Main Shallow	07-Jan-08	433.34	36.53	38.16	396.81	395.18	1.630001	396.45		50.57	
RMW-002C	Main Shallow	07-Apr-08	433.34	32.58	33.34	400.76	400	0.7599983	400.59		50.57	
RMW-002D	Main Intermediate	07-Jan-08	433.41		36.9		396.51		396.51		67.49	
RMW-002D	Main Intermediate	07-Apr-08	433.41		32.75		400.66		400.66		67.49	
RMW-002E	Main Deep	07-Jan-08	433.54		37.04		396.5		396.5		88.21	
RMW-002E	Main Deep	07-Apr-08	433.54		32.83		400.71		400.71		88.21	
RMW-002F	Main Basal	07-Jan-08	433.64		37.15		396.49		396.49		113.27	
RMW-002F	Main Basal	07-Apr-08	433.64		33.02		400.62		400.62		113.27	
RMW-003A	North Olive	07-Jan-08	434.1		22.25		411.85		411.85		22.52	
RMW-003A	North Olive	07-Apr-08	434.1		21.37		412.73		412.73		22.52	
RMW-003B	EPA	07-Jan-08	434.01	37.96	39.37	396.05	394.64	1.41	395.74		47.02	
RMW-003B	EPA	07-Apr-08	434.01	34.65	34.7	399.36	399.31	0.04999924	399.35		47.02	
RMW-003C	Main Below D Clay	07-Jan-08	434.21		38.45		395.76		395.76		54.07	
RMW-003C	Main Below D Clay	07-Apr-08	434.21		34.43		399.78		399.78		54.07	
RMW-004A	North Olive	07-Jan-08	433.02		20.82		412.2		412.2		21.59	
RMW-004A	North Olive	07-Apr-08	433.02		19.49		413.53		413.53		21.59	
RMW-004B	EPA	07-Jan-08	433.07		34.32		398.75		398.75		44.56	
RMW-004B	EPA	07-Apr-08	433.07		31.62		401.45		401.45		44.56	
RMW-004C	Main Below D Clay	07-Jan-08	433.11		37.07		396.04		396.04		57.04	
RMW-004C	Main Below D Clay	07-Apr-08	433.11		33.86		399.25		399.25		57.04	
RMW-004D	Main Intermediate	07-Jan-08	432.83		36.84		395.99		395.99		73.77	
RMW-004D	Main Intermediate	07-Apr-08	432.83		33.51		399.32		399.32		73.77	
RMW-004E	Main Deep	07-Jan-08	432.82		36.8		396.02		396.02		93.73	
RMW-004E	Main Deep	07-Apr-08	432.82		33.44		399.38		399.38		93.73	
RMW-004F	Main Basal	07-Jan-08	432.37		36.33		396.04		396.04		111.41	
RMW-004F	Main Basal	07-Apr-08	432.37		33.05		399.32		399.32		111.41	
RMW-005A	North Olive	07-Jan-08	431.85		21.26		410.59		410.59		21.62	
RMW-005A	North Olive	07-Apr-08	431.85		12.18		419.67		419.67		21.62	
RMW-005B	EPA	07-Jan-08	431.78		33.21		398.57		398.57		45.12	
RMW-005B	EPA	07-Apr-08	431.78		27.88		403.9		403.9		45.12	
RMW-005C	Main Below D Clay	07-Jan-08	431.78		33.75		398.03		398.03		56.73	
RMW-005C	Main Below D Clay	07-Apr-08	431.78		32.63		399.15		399.15		56.73	
RMW-006A	North Olive	07-Jan-08	430.4		17.96		412.44		412.44		18.02	
RMW-006A	North Olive	07-Apr-08	430.4		17.95		412.45		412.45		18.02	
RMW-006B	B/C Clay Perm Lens	07-Jan-08	430.39		24.7		405.69		405.69		24.82	
RMW-006B	B/C Clay Perm Lens	07-Apr-08	430.39		19.84		410.55		410.55		24.82	
RMW-006C	Main Silt	07-Jan-08	430.37		30.51		399.86		399.86		30.52	
RMW-006C	Main Silt	07-Apr-08	430.37		30.5		399.87		399.87		30.52	
RMW-006D	Main Shallow	07-Jan-08	430.41		34.11		396.3		396.3		46.94	
RMW-006D	Main Shallow	07-Apr-08	430.41		31.88		398.53		398.53		46.94	
RMW-006E	Main Intermediate	07-Jan-08	430.02		34.01		396.01		396.01		67.56	
RMW-006E	Main Intermediate	07-Apr-08	430.02		31.65		398.37		398.37		67.56	
RMW-006F	Main Deep	07-Jan-08	429.67		33.65		396.02		396.02		87.25	
RMW-006F	Main Deep	07-Apr-08	429.67		31.28		398.39		398.39		87.25	
RMW-006G	Main Basal	07-Jan-08	430.01		34.01		396		396		117.51	
RMW-006G	Main Basal	07-Apr-08	430.01		31.62		398.39		398.39		117.51	
RMW-007A	North Olive	07-Jan-08	429		19.49		409.51		409.51		21.94	
RMW-007A	North Olive	07-Apr-08	429		8.64		420.36		420.36		21.94	
RMW-007B	B/C Clay Perm Lens	07-Jan-08	429.11		23.08		406.03		406.03		28.5	
RMW-007B	B/C Clay Perm Lens	07-Apr-08	429.11		18.28		410.83		410.83		28.5	
RMW-007C	Main Shallow	07-Jan-08	429.34								46.28	NM - Skimmer Pump
RMW-007C	Main Shallow	07-Apr-08	429.34								46.28	NM - Skimmer Pump
RMW-007D	Main Intermediate	07-Jan-08	428.62		32.66		395.96		395.96		66.89	
RMW-007D	Main Intermediate	07-Apr-08	428.62		30.56		398.06		398.06		66.89	
RMW-007E	Main Deep	07-Jan-08	428.95		33		395.95		395.95		87.03	
RMW-007E	Main Deep	07-Apr-08	428.95		30.91		398.04		398.04		87.03	
RMW-007F	Main Basal	07-Jan-08	429.2		33.21		395.99		395.99		116.29	
RMW-007F	Main Basal	07-Apr-08	429.2		31.13		398.07		398.07		116.29	
RMW-008A	Main Silt	07-Jan-08	432.52		33.55		398.97		398.97		33.74	
RMW-008A	Main Silt	07-Apr-08	432.52		33.56		398.96		398.96		33.74	
RMW-008B	Main Shallow	07-Jan-08	432.49		36.42		396.07		396.07		48.04	
RMW-008B	Main Shallow	07-Apr-08	432.49		34.9		397.59		397.59		48.04	

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located in Premcor Facility

1190500002 -- Madison County -- ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RMW-008C	Main Intermediate	07-Jan-08	432.32		36.19		396.13		396.13		69.49	
RMW-008C	Main Intermediate	07-Apr-08	432.32		34.65		397.67		397.67		69.49	
RMW-008D	Main Deep	07-Jan-08	432.43		36.32		396.11		396.11		89.54	
RMW-008D	Main Deep	07-Apr-08	432.43		34.79		397.64		397.64		89.54	
RMW-008E	Main Basal	07-Jan-08	432.52		36.36		396.16		396.16		119.68	
RMW-008E	Main Basal	07-Apr-08	432.52		34.76		397.76		397.76		119.68	
RMW-009A	North Olive	07-Jan-08	430.71		12.4		418.31		418.31		26.05	
RMW-009A	North Olive	07-Apr-08	430.71		11.46		419.25		419.25		26.05	
RMW-009B	EPA	07-Jan-08	430.67	33.55	36.5	397.12	394.17	2.950001	396.47		45.93	
RMW-009B	EPA	07-Apr-08	430.67	32.42	33.9	398.25	396.77	1.480003	397.92		45.93	
RMW-010A	North Olive	08-Jan-08	430.53		12.72		417.81		417.81		20.55	
RMW-010A	North Olive	07-Apr-08	430.53	9.5	10.06	421.03	420.47	0.5600004	420.91		20.55	
RMW-010B	Main	08-Jan-08	430.42		33.65		396.77		396.77		45.39	
RMW-010B	Main	07-Apr-08	430.42		32.22		398.2		398.2		45.39	
RMW-010C	Main	08-Jan-08	428.09		31.33		396.76		396.76		65.07	
RMW-010C	Main	07-Apr-08	428.09		29.78		398.31		398.31		65.07	
RMW-010D	Main	08-Jan-08	428		31.25		396.75		396.75		79.56	
RMW-010D	Main	07-Apr-08	428		29.68		398.32		398.32		79.56	
RMW-010E	Main	08-Jan-08	427.87		31.05		396.82		396.82		106.88	
RMW-010E	Main	07-Apr-08	427.87		29.52		398.35		398.35		106.88	
RMW-011A	North Olive	07-Jan-08	429.7		15.17		414.53		414.53		20.4	
RMW-011A	North Olive	07-Apr-08	429.7								20.4	Unable to access
RMW-011B	Main	07-Jan-08	429.88		23.22		406.66		406.66		27.02	
RMW-011B	Main	07-Apr-08	429.88								27.02	Unable to access
RMW-011C	Main	07-Jan-08	430.27	33.15	34.56	397.12	395.71	1.41	396.81		42.97	
RMW-011C	Main	07-Apr-08	430.27								42.97	Unable to access
RMW-012A	North Olive	07-Jan-08	432.43		15.84		416.59		416.59		26.02	
RMW-012A	North Olive	07-Apr-08	432.43		11.47		420.96		420.96		26.02	
RMW-012B	Main	07-Jan-08	432.57		30.21		402.36		402.36		30.92	
RMW-012B	Main	07-Apr-08	432.57		30.06		402.51		402.51		30.92	
RMW-012C	Main	07-Jan-08	432.25		35.14		397.11		397.11		47.01	
RMW-012C	Main	07-Apr-08	432.25		33.6		398.65		398.65		47.01	
RMW-013A	North Olive	07-Jan-08	429.26		10.65		418.61		418.61		23.84	
RMW-013A	North Olive	07-Apr-08	429.26		7.79		421.47		421.47		23.84	
RMW-013B	Main	07-Jan-08	429.25		22.37		406.88		406.88		27.76	
RMW-013B	Main	07-Apr-08	429.25		21.38		407.87		407.87		27.76	
RMW-013C	Main	07-Jan-08	429.06		32.04		397.02		397.02		48.75	
RMW-013C	Main	07-Apr-08	429.06		30.38		398.68		398.68		48.75	
RMW-014A	North Olive	07-Jan-08	433.12		22.16		410.96		410.96		22.5	
RMW-014A	North Olive	07-Apr-08	433.12		20.92		412.2		412.2		22.5	
RMW-014B	Main	07-Jan-08	433.14		23.57		409.57		409.57		32.83	
RMW-014B	Main	07-Apr-08	433.14		20.85		412.29		412.29		32.83	
RMW-014C	Main	07-Jan-08	433.1		36.41		396.69		396.69		56.37	
RMW-014C	Main	07-Apr-08	433.1		34.1		399		399		56.37	
RMW-015A	North Olive	07-Jan-08	432.96		19.11		413.85		413.85		25.1	
RMW-015A	North Olive	07-Apr-08	432.96		17.2		415.76		415.76		25.1	
RMW-015B	Main	07-Jan-08	432.98		19.15		413.81		413.81		31.07	
RMW-015B	Main	07-Apr-08	432.96		17.43		415.53		415.53		31.07	
RMW-015C	Combined EPA-Main	07-Jan-08	432.95								48.05	NM - Skimmer Pump
RMW-015C	Combined EPA-Main	07-Apr-08	432.95								48.05	NM - Skimmer Pump
RMW-015D	Main	07-Jan-08	432.77		36.91		395.86		395.86		72.69	
RMW-015D	Main	07-Apr-08	432.77		33.45		399.32		399.32		72.69	
RMW-015E	Main	07-Jan-08	432.8		36.91		395.89		395.89		92.65	
RMW-015E	Main	07-Apr-08	432.8		33.48		399.32		399.32		92.65	
RMW-015F	Main	07-Jan-08	432.36		36.49		395.87		395.87		122.36	
RMW-015F	Main	07-Apr-08	432.36		33		399.36		399.36		122.36	
RMW-016A	Main	07-Jan-08	430.07								29.13	Dry
RMW-016A	Main	07-Apr-08	430.07		28.54		401.53		401.53		29.13	
RMW-016B	Main	07-Jan-08	430.12		32.7		397.42		397.42		44.07	
RMW-016B	Main	07-Apr-08	430.12		28.6		401.52		401.52		44.07	
RMW-016C	Main	07-Jan-08	430.15		32.91		397.24		397.24		64.69	
RMW-016C	Main	07-Apr-08	430.15		28.76		401.39		401.39		64.69	

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located in Premcor Facility

1190500002 – Madison County – ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RMW-016D	Main	07-Jan-08	430.13		32.9		397.23		397.23		89.74	
RMW-016D	Main	07-Apr-08	430.13		28.76		401.37		401.37		89.74	
RMW-016E	Main	07-Jan-08	430.12		32.88		397.24		397.24		113.68	
RMW-016E	Main	07-Apr-08	430.12		28.73		401.39		401.39		113.68	
RMW-017A	Main	07-Jan-08	431.8								33.01	Dry
RMW-017A	Main	07-Apr-08	431.8		30.32		401.48		401.48		33.01	
RMW-017B	Main	07-Jan-08	431.79		33.85		397.94		397.94		46.97	
RMW-017B	Main	07-Apr-08	431.79		30.22		401.57		401.57		46.97	
RMW-017C	Main	07-Jan-08	431.51		33.76		397.75		397.75		68.06	
RMW-017C	Main	07-Apr-08	431.51		29.6		401.91		401.91		68.06	
RMW-017D	Main	07-Jan-08	431.56		33.78		397.78		397.78		92.83	
RMW-017D	Main	07-Apr-08	431.56		29.61		401.95		401.95		92.83	
RMW-017E	Main	07-Jan-08	431.61		33.74		397.87		397.87		122.27	
RMW-017E	Main	07-Apr-08	431.61		29.51		402.1		402.1		122.27	
RMW-018A	Main	07-Jan-08	429.54		25.1		404.44		404.44		25.12	
RMW-018A	Main	07-Apr-08	429.54		25.08		404.46		404.46		25.12	
RMW-018B	Main	07-Jan-08	429.42		32.38		397.04		397.04		40.53	
RMW-018B	Main	07-Apr-08	429.42		29.18		400.24		400.24		40.53	
RMW-019A	Main	07-Jan-08	431.33		32.62		398.71		398.71		32.72	
RMW-019A	Main	08-Apr-08	431.33		30.3		401.03		401.03		32.72	
RMW-019B	Main	07-Jan-08	431.71		33.4		398.31		398.31		46.45	
RMW-019B	Main	07-Apr-08	431.71		30.6		401.11		401.11		46.45	
RMW-020A	Main	07-Jan-08	431.56								32.87	NM - Skimmer Pump
RMW-020A	Main	07-Apr-08	431.56	30.42	30.75	401.14	400.81	0.3299999	401.07		32.87	
RMW-020B	Main	07-Jan-08	431.56								46.84	NM - Skimmer Pump
RMW-020B	Main	07-Apr-08	431.56								46.84	NM - Skimmer Pump
RMW-021A	Main	07-Jan-08	432.16	29.85	29.95	402.31	402.21	0.1000004	402.29		30.13	
RMW-021A	Main	07-Apr-08	432.16		21.17		410.99		410.99		30.13	
RMW-021B	Main	07-Jan-08	432.09								43.21	NM - Skimmer Pump
RMW-021B	Main	07-Apr-08	432.09								43.21	NM - Skimmer Pump
RMW-021C	Main	07-Jan-08	429.05		30.23		398.82		398.82		64.72	
RMW-021C	Main	07-Apr-08	429.05		27.57		401.48		401.48		64.72	
RMW-021D	Main	07-Jan-08	428.73		29.91		398.82		398.82		89.52	
RMW-021D	Main	07-Apr-08	428.73		27.25		401.48		401.48		89.52	
RMW-021E	Main	07-Jan-08	428.3		29.47		398.83		398.83		115.13	
RMW-021E	Main	07-Apr-08	428.3		26.8		401.5		401.5		115.13	
RMW-022A	Main	07-Jan-08	430.84								30.07	Dry
RMW-022A	Main	07-Apr-08	430.84		18.02		412.82		412.82		30.07	
RMW-022B	Main	07-Jan-08	430.76		31.87		398.89		398.89		43	
RMW-022B	Main	07-Apr-08	430.76		28.45		402.31		402.31		43	
RMW-023A	Main	07-Jan-08	430.45	30.43	33.27	400.02	397.18	2.84	399.4		45.2	
RMW-023A	Main	08-Apr-08	430.45	27.91	28.56	402.54	401.89	0.6499996	402.4		45.2	
RMW-024A	North Olive	07-Jan-08	433.3		22.43		410.87		410.87		22.57	
RMW-024A	North Olive	07-Apr-08	433.3		22.47		410.83		410.83		22.57	
RMW-024B	Main	07-Jan-08	433.28		28.77		404.51		404.51		29.55	
RMW-024B	Main	07-Apr-08	433.28		28.74		404.54		404.54		29.55	
RMW-024C	Combined EPA-Main	07-Jan-08	433.28	36.7	38.41	396.58	394.87	1.709999	396.2		47.55	
RMW-024C	Combined EPA-Main	07-Apr-08	433.28		34.01		399.27		399.27		47.55	
RMW-024D	Main	07-Jan-08	433.43		37.38		396.05		396.05		55.11	
RMW-024D	Main	07-Apr-08	433.43		33.46		399.97		399.97		55.11	
RMW-025A	EPA	07-Jan-08	433.51		36.53		396.98		396.98		43.58	
RMW-025A	EPA	07-Apr-08	433.51		34.84		398.67		398.67		43.58	
RMW-025B	Main	07-Jan-08	433.58	37.45	38.21	396.13	395.37	0.7599983	395.96		56.58	
RMW-025B	Main	07-Apr-08	433.58		33.62		399.96		399.96		56.58	
RMW-026A	North Olive	07-Jan-08	432.69							21.91	21.65	Dry
RMW-026A	North Olive	07-Apr-08	432.69								21.65	Dry
RMW-026B	Main	07-Jan-08	433.01							26.99	26.91	Dry
RMW-026B	Main	07-Apr-08	433.01								26.91	Dry
RMW-026C	EPA	07-Jan-08	432.79		35.57		397.22		397.22		40.89	
RMW-026C	EPA	07-Apr-08	432.79		34.19		398.6		398.6		40.89	
RMW-026D	Main	07-Jan-08	432.43		36.43		396		396		56.15	
RMW-026D	Main	07-Apr-08	432.43		32.71		399.72		399.72		56.15	

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located In Premcor Facility

1190500002 -- Madison County -- ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RMW-027A	Main	07-Jan-08	429.81		24.97		404.84		404.84		25.4	
RMW-027A	Main	07-Apr-08	429.81		24.97		404.84		404.84		25.4	
RMW-027B	Main	07-Jan-08	429.81		31.93		397.88		397.88		41.64	
RMW-027B	Main	07-Apr-08	429.81		30.25		399.56		399.56		41.64	
RMW-028A	North Olive	07-Jan-08	432.42		27.29		405.13		405.13		27.48	
RMW-028A	North Olive	07-Apr-08	432.42		27.27		405.15		405.15		27.48	
RMW-028B	EPA	07-Jan-08	432.42								42.97	NM - Skimmer Pump
RMW-028B	EPA	07-Apr-08	432.42								42.97	NM - Skimmer Pump
RMW-028C	Main	07-Jan-08	432.54		36.82		395.72		395.72		54.99	
RMW-028C	Main	07-Apr-08	432.54		32.99		399.55		399.55		54.99	
RMW-029A	Main	07-Jan-08	432.65		36.36		396.29		396.29		44.02	
RMW-029A	Main	07-Apr-08	432.65		33.83		398.82		398.82		44.02	
RMW-030A	Main	07-Jan-08	428.96		25.33		403.63		403.63		25.82	
RMW-030A	Main	07-Apr-08	428.96		25.33		403.63		403.63		25.82	
RMW-030B	Main	07-Jan-08	428.89		30.24		398.65		398.65		39.51	
RMW-030B	Main	07-Apr-08	428.89		29.41		399.48		399.48		39.51	
RMW-031A	Main	07-Jan-08	433.26								28.99	Dry
RMW-031A	Main	07-Apr-08	433.26								28.99	Dry
RMW-031B	Main	07-Jan-08	433.35	37.45	42.65	395.9	390.7	5.200001	394.76		43.03	
RMW-031B	Main	07-Apr-08	433.35		34.35		399		399		43.03	
RMW-031C	Main	07-Jan-08	433.05		38.08		394.97		394.97		72.73	
RMW-031C	Main	07-Apr-08	433.05		33.97		399.08		399.08		72.73	
RMW-031D	Main	07-Jan-08	432.96		38.08		394.88		394.88		92.94	
RMW-031D	Main	07-Apr-08	432.96		33.88		399.08		399.08		92.94	
RMW-031E	Main	07-Jan-08	432.86		38.81		394.05		394.05		123.54	
RMW-031E	Main	07-Apr-08	432.86		34.21		398.65		398.65		123.54	
RMW-032A	Main	07-Jan-08	429.52		21.65		407.87		407.87		21.99	
RMW-032A	Main	07-Apr-08	429.52		21.64		407.88		407.88		21.99	
RMW-032B	Main	07-Jan-08	429.37	33.63	36.98	395.74	392.39	3.349998	395		39.38	
RMW-032B	Main	07-Apr-08	429.37	30	32.76	399.37	396.61	2.759998	398.76		39.38	
RMW-033A	North Olive	07-Jan-08	434.59		22.92		411.67		411.67		23.05	
RMW-033A	North Olive	07-Apr-08	434.59		19.9		414.69		414.69		23.05	
RMW-033B	Main	07-Jan-08	434.51		25.11		409.4		409.4		30.23	
RMW-033B	Main	07-Apr-08	434.51		21.61		412.9		412.9		30.23	
RMW-033C	EPA	07-Jan-08	434.59		38.06		396.53		396.53		43.45	
RMW-033C	EPA	07-Apr-08	434.59		35.98		398.61		398.61		43.45	
RMW-033D	Main	07-Jan-08	434.64		38.84		395.8		395.8		56.77	
RMW-033D	Main	07-Apr-08	434.64		35		399.64		399.64		56.77	
RMW-034A	North Olive	07-Jan-08	432.24		20.5		411.74		411.74		20.97	
RMW-034A	North Olive	07-Apr-08	432.24		11.75		420.49		420.49		20.97	
RMW-034B	EPA	07-Jan-08	431.81		34.42		397.39		397.39		42.55	
RMW-034B	EPA	07-Apr-08	431.81		32.75		399.06		399.06		42.55	
RMW-034C	Main	07-Jan-08	431.95		35.94		396.01		396.01		56.99	
RMW-034C	Main	07-Apr-08	431.95		32.46		399.49		399.49		56.99	
RMW-034D	Main	07-Jan-08	432.24		36.21		396.03		396.03		73.18	
RMW-034D	Main	07-Apr-08	432.24		32.7		399.54		399.54		73.18	
RMW-034E	Main	07-Jan-08	432.13		36.08		396.05		396.05		93.16	
RMW-034E	Main	07-Apr-08	432.13		32.57		399.56		399.56		93.16	
RMW-034F	Main	07-Jan-08	432.26		36.21		396.05		396.05		116.75	
RMW-034F	Main	07-Apr-08	432.26		32.67		399.59		399.59		116.75	
RMW-035A	North Olive	07-Jan-08	431.99		21.27		410.72		410.72		21.73	
RMW-035A	North Olive	07-Apr-08	431.99		12.31		419.68		419.68		21.73	
RMW-035B	EPA	07-Jan-08	432.32		33.84		398.48		398.48		44.79	
RMW-035B	EPA	07-Apr-08	432.32		28.89		403.43		403.43		44.79	
RMW-035C	Main	07-Jan-08	432.06		36.11		395.95		395.95		57.21	
RMW-035C	Main	07-Apr-08	432.06		32.93		399.13		399.13		57.21	
RMW-035D	Main	07-Jan-08	431.7		35.71		395.99		395.99		76.52	
RMW-035D	Main	07-Apr-08	431.7		32.42		399.28		399.28		76.52	
RMW-035E	Main	07-Jan-08	431.82		35.83		395.99		395.99		96.57	
RMW-035E	Main	07-Apr-08	431.82		32.57		399.25		399.25		96.57	
RMW-035F	Main	07-Jan-08	432.35		36.27		396.08		396.08		119.75	
RMW-035F	Main	07-Apr-08	432.35		33.11		399.24		399.24		119.75	

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located in Premcor Facility

1190500002 – Madison County – ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RMW-036A	North Olive	07-Jan-08	431.57		18.63		412.94		412.94		20.24	
RMW-036A	North Olive	07-Apr-08	431.57		17.41		414.16		414.16		20.24	
RMW-036B	EPA	07-Jan-08	431.37		33.87		397.5		397.5		44.43	
RMW-036B	EPA	07-Apr-08	431.37		30.29		401.08		401.08		44.43	
RMW-036C	Main	07-Jan-08	431.67		35.71		395.96		395.96		57.49	
RMW-036C	Main	07-Apr-08	431.67		32.92		398.75		398.75		57.49	
RMW-036D	Main	07-Jan-08	431.12		35.12		396		396		72.5	
RMW-036D	Main	07-Apr-08	431.12		32.39		398.73		398.73		72.5	
RMW-036E	Main	07-Jan-08	431.02		35		396.02		396.02		92.4	
RMW-036E	Main	07-Apr-08	431.02		32.25		398.77		398.77		92.4	
RMW-036F	Main	07-Jan-08	431.19		35.17		396.02		396.02		111.57	
RMW-036F	Main	07-Apr-08	431.19		32.4		398.79		398.79		111.57	
RMW-037A	Main	07-Jan-08	431.4		27.95		403.45		403.45		27.65	
RMW-037A	Main	07-Apr-08	431.4		17.4		414		414		27.65	
RMW-037B	Main	07-Jan-08	431.5		34.88		396.62		396.62		41.79	
RMW-037B	Main	07-Apr-08	431.5		30.63		400.87		400.87		41.79	
RMW-038A	Main	07-Jan-08	433								74.6	NM - Skimmer Pump
RMW-038A	Main	07-Apr-08	433								74.6	NM - Skimmer Pump
RMW-039A	Main	07-Jan-08	431.06		17.99		413.07		413.07		17.98	
RMW-039A	Main	07-Apr-08	431.06		18.02		413.04		413.04		18.29	
RMW-039B	Main	07-Jan-08	431.29							28.36	28.94	Dry
RMW-039B	Main	07-Apr-08	431.29								28.94	Dry
RMW-039C	Main	07-Jan-08	431.27		34.67		396.6		396.6		42.85	
RMW-039C	Main	07-Apr-08	431.27		33.58		397.69		397.69		42.85	
RMW-040	EPA	07-Jan-08	432.41		35.31		397.1		397.1		41.59	
RMW-040	EPA	07-Apr-08	432.41		33.76		398.65		398.65		41.59	
RMW-041A	Main	07-Jan-08	434.03		38.49		395.54		395.54		67.44	
RMW-041A	Main	07-Apr-08	434.03		34.5		399.53		399.53		67.44	
RMW-041B	Main	07-Jan-08	433.97		38.35		395.62		395.62		87.88	
RMW-041B	Main	07-Apr-08	433.97		34.32		399.65		399.65		87.88	
RMW-041C	Main	07-Jan-08	434.05		38.33		395.72		395.72		115.96	
RMW-041C	Main	07-Apr-08	434.05		34.29		399.76		399.76		115.96	
RMW-042A	North Olive	07-Jan-08	431.76		21.8		409.96		409.96		22.55	
RMW-042A	North Olive	07-Apr-08	431.76		21.8		409.96		409.96		22.55	
RMW-042B	EPA	07-Jan-08	432.01	35.08	36.11	396.93	395.9	1.029999	396.7		43.45	
RMW-042B	EPA	07-Apr-08	432.01	32.24	33.42	399.77	398.59	1.179996	399.51		43.45	
RMW-042C	Main	07-Jan-08	431.98		35.88		396.1		396.1		56.32	
RMW-042C	Main	07-Apr-08	431.98		32.1		399.88		399.88		56.32	
RMW-043A	Main	07-Jan-08	433.74		34.73		399.01		399.01		68.06	
RMW-043A	Main	07-Apr-08	433.74		30.49		403.25		403.25		68.06	
RMW-043B	Main	07-Jan-08	433.25		34.23		399.02		399.02		92.93	
RMW-043B	Main	07-Apr-08	433.25		29.96		403.29		403.29		92.93	
RMW-043C	Main	07-Jan-08	432.67		33.66		399.01		399.01		126.47	
RMW-043C	Main	07-Apr-08	432.67		29.41		403.26		403.26		126.47	
RMW-044A	Main	07-Jan-08	431.24		35.2		396.04		396.04		64.93	
RMW-044A	Main	07-Apr-08	431.24		34.06		397.18		397.18		64.93	
RMW-044B	Main	07-Jan-08	431.16		35.16		396		396		84.85	
RMW-044B	Main	07-Apr-08	431.16		34.02		397.14		397.14		84.85	
RMW-044C	Main	07-Jan-08	430.95		34.89		396.06		396.06		115.64	
RMW-044C	Main	07-Apr-08	430.95		33.74		397.21		397.21		115.64	
RMW-045A	North Olive	07-Jan-08	430.84		16.85		413.99		413.99		17.18	
RMW-045A	North Olive	07-Apr-08	430.84								17.18	Dry
RMW-045B	Main	07-Jan-08	430.8								44.64	NM - Skimmer Pump
RMW-045B	Main	07-Apr-08	430.8								44.64	NM - Skimmer Pump
RMW-045C	Main	07-Jan-08	430.75		34.59		396.16		396.16		51.59	
RMW-045C	Main	07-Apr-08	430.75		30.54		400.21		400.21		51.59	
RMW-046A	North Olive	07-Jan-08	428.79		14.72		414.07		414.07		14.62	
RMW-046A	North Olive	07-Apr-08	428.79		14.72		414.07		414.07		15.09	
RMW-046B	EPA	07-Jan-08	429.07		31.89		397.18		397.18		38.4	
RMW-046B	EPA	07-Apr-08	429.07		30.18		398.89		398.89		38.4	
RMW-046C	Main	07-Jan-08	428.98		32.91		396.07		396.07		51.31	
RMW-046C	Main	07-Apr-08	428.98		29.18		399.8		399.8		51.31	

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located in Premcor Facility

1190500002 – Madison County – ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RMW-047A	North Olive	07-Jan-08	433.82		22.11		411.71		411.71		22.24	
RMW-047A	North Olive	07-Apr-08	433.82		22.14		411.68		411.68		22.24	
RMW-047B	EPA	07-Jan-08	433.5	37.1	38.67	396.4	394.83	1.57	396.05		44.03	
RMW-047B	EPA	07-Apr-08	433.5		32.23		401.27		401.27		44.03	
RMW-047C	Main	07-Jan-08	433.48		37.48		396		396		55	
RMW-047C	Main	07-Apr-08	433.48		33.6		399.88		399.88		55	
RMW-048A	North Olive	07-Jan-08	433.82		17.53		416.29		416.29		17.52	
RMW-048A	North Olive	07-Apr-08	433.82		17.51		416.31		416.31		17.52	
RMW-048B	Main	07-Jan-08	434.16								50.39	NM - Skimmer Pump
RMW-048B	Main	07-Apr-08	434.16								50.39	NM - Skimmer Pump
RMW-049A	North Olive	07-Jan-08	429.86		16.11		413.75		413.75		16.16	
RMW-049A	North Olive	07-Apr-08	429.86		16.09		413.77		413.77		16.16	
RMW-049B	Main	07-Jan-08	429.96	33.58	34.2	396.38	395.76	0.6199989	396.24		46.76	
RMW-049B	Main	07-Apr-08	429.96		29.62		400.34		400.34		46.76	
RMW-050A	Main	07-Jan-08	431.82		33.75		398.07		398.07		43.39	
RMW-050A	Main	07-Apr-08	431.82		29.95		401.87		401.87		43.39	
RMW-050B	Main	07-Jan-08	431.66		33.75		397.91		397.91		68.32	
RMW-050B	Main	07-Apr-08	431.66		29.76		401.9		401.9		68.32	
RMW-050C	Main	07-Jan-08	431.64		33.73		397.91		397.91		93.38	
RMW-050C	Main	07-Apr-08	431.64		29.71		401.93		401.93		93.38	
RMW-050D	Main	07-Jan-08	431.6		33.6		398		398		127.36	
RMW-050D	Main	07-Apr-08	431.6		29.64		401.96		401.96		127.36	
RMW-051A	Main	07-Jan-08	428.59		29.82		398.77		398.77		39.66	
RMW-051A	Main	07-Apr-08	428.59		27.01		401.58		401.58		39.66	
RMW-051B	Main	07-Jan-08	428.42		29.91		398.51		398.51		58.55	
RMW-051B	Main	07-Apr-08	428.42		25.7		402.72		402.72		58.55	
RMW-051C	Main	07-Jan-08	428.7		30.19		398.51		398.51		89.79	
RMW-051C	Main	07-Apr-08	428.7		25.98		402.72		402.72		89.79	
RMW-051D	Main	07-Jan-08	428.2		29.72		398.48		398.48		121.82	
RMW-051D	Main	07-Apr-08	428.2		25.55		402.65		402.65		121.82	
RMW-052A	Main	07-Jan-08	432.37		32.9		399.47		399.47		43.57	
RMW-052A	Main	07-Apr-08	432.37		28.75		403.62		403.62		43.57	
RMW-052B	Main	07-Jan-08	432.3		32.88		399.42		399.42		73.55	
RMW-052B	Main	07-Apr-08	432.3		28.53		403.77		403.77		73.55	
RMW-052C	Main	07-Jan-08	432.26		32.8		399.46		399.46		93.4	
RMW-052C	Main	07-Apr-08	432.26		28.49		403.77		403.77		93.4	
RMW-052D	Main	07-Jan-08	432.21		32.74		399.47		399.47		126.43	
RMW-052D	Main	07-Apr-08	432.21		28.43		403.78		403.78		126.43	
RMW-053A	Main	07-Jan-08	433.55		33.72		399.83		399.83		77.37	
RMW-053A	Main	07-Apr-08	433.55		29.28		404.27		404.27		77.37	
RMW-053B	Main	07-Jan-08	433.46		33.59		399.87		399.87		97.38	
RMW-053B	Main	07-Apr-08	433.46		29.18		404.28		404.28		97.38	
RMW-053C	Main	07-Jan-08	433.46		33.6		399.86		399.86		124.48	
RMW-053C	Main	07-Apr-08	433.46		29.21		404.25		404.25		124.48	
RMW-054A	Main	07-Jan-08	431.8		31.88		399.92		399.92		72.1	
RMW-054A	Main	07-Apr-08	431.8		27.96		403.84		403.84		72.1	
RMW-054B	Main	07-Jan-08	431.7		31.78		399.92		399.92		93.13	
RMW-054B	Main	07-Apr-08	431.7		27.88		403.82		403.82		93.13	
RMW-054C	Main	07-Jan-08	431.59		31.66		399.93		399.93		123.1	
RMW-054C	Main	07-Apr-08	431.59		27.78		403.81		403.81		123.1	
RMW-055A	Main	07-Jan-08	429.86		29.95		399.91		399.91		73.3	
RMW-055A	Main	07-Apr-08	429.86		26.53		403.33		403.33		73.3	
RMW-055B	Main	07-Jan-08	429.99		30.08		399.91		399.91		93.45	
RMW-055B	Main	07-Apr-08	429.99		26.65		403.34		403.34		93.45	
RMW-055C	Main	07-Jan-08	430.06		30.14		399.92		399.92		124.52	
RMW-055C	Main	07-Apr-08	430.06		26.71		403.35		403.35		124.52	
RMW-056A	EPA	07-Jan-08	434.71	39.98	40.93	394.73	393.78	0.9500008	394.52		44.89	
RMW-056A	EPA	07-Apr-08	434.71	37.68	39.69	397.03	395.02	2.009998	396.59		44.89	
RMW-056B	Main	07-Jan-08	434.61		40.15		394.46		394.46		59.14	
RMW-056B	Main	07-Apr-08	434.61		36.3		398.31		398.31		59.14	
RMW-057A	EPA	07-Jan-08	434.23	38.08	39.58	396.15	394.65	1.5	395.82		43.5	
RMW-057A	EPA	07-Apr-08	434.23	34.58	36.92	399.65	397.31	2.339996	399.14		43.5	

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located In Premcor Facility

1190500002 – Madison County – ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RMW-057B	Main	07-Jan-08	434.19		38.37		395.82		395.82		56.08	
RMW-057B	Main	07-Apr-08	434.19		34.35		399.84		399.84		56.08	
RMW-058A	EPA	07-Jan-08	430.93	32.31	35.19	398.62	395.74	2.879997	397.99		40.88	
RMW-058A	EPA	07-Apr-08	430.93	30.94	34.37	399.99	396.56	3.429998	399.24		40.88	
RMW-058B	Main	07-Jan-08	430.98	34.7	34.95	396.28	396.03	0.25	396.23		54.29	
RMW-058B	Main	07-Apr-08	430.98		32.02		398.96		398.96		54.29	
RMW-059A	EPA	07-Jan-08	430.83	32.95	35.21	397.88	395.62	2.259998	397.38		40.7	
RMW-059A	EPA	07-Apr-08	430.83	31.36	34.4	399.47	396.43	3.040001	398.8		40.7	
RMW-059B	Main	07-Jan-08	430.97		34.77		396.2		396.2		54.28	
RMW-059B	Main	07-Apr-08	430.97		31.97		399		399		54.28	
RMW-060A	North Olive	07-Jan-08	430.79							17.78	17.57	Dry
RMW-060A	North Olive	07-Apr-08	430.79		17.7		413.09		413.09		17.81	
RMW-060B	EPA	07-Jan-08	430.78	32.31	35.3	398.47	395.48	2.989998	397.81		41.62	
RMW-060B	EPA	07-Apr-08	430.78	30.72	34.51	400.06	396.27	3.789999	399.23		41.62	
RMW-060C	Main	07-Jan-08	430.78	33.16	40.07	397.62	390.71	6.91	396.1		54.25	
RMW-060C	Main	07-Apr-08	430.78		31.79		398.99		398.99		54.25	
RMW-061A	EPA	07-Jan-08	429.91	31.75	33.25	398.16	396.66	1.5	397.83		43.22	
RMW-061A	EPA	07-Apr-08	429.91	29.88	32.48	400.03	397.43	2.6	399.46		43.22	
RMW-061B	Main	07-Jan-08	429.71		33.82		395.89		395.89		55.05	
RMW-061B	Main	07-Apr-08	429.71		30.4		399.31		399.31		55.05	
RMW-062A	EPA	07-Jan-08	429.7	31.61	32.71	398.09	396.99	1.099998	397.85		43.17	
RMW-062A	EPA	07-Apr-08	429.7	30.08	31.03	399.62	398.67	0.9500008	399.41		43.17	
RMW-062B	Main	07-Jan-08	429.52		33.61		395.91		395.91		55.06	
RMW-062B	Main	07-Apr-08	429.52		30.21		399.31		399.31		55.06	
RMW-063A	North Olive	07-Jan-08	429.75		13.71		416.04		416.04		17.65	
RMW-063A	North Olive	07-Apr-08	429.75		11.11		418.64		418.64		17.65	
RMW-063B	EPA	07-Jan-08	429.63		31.73		397.9		397.9		43.68	
RMW-063B	EPA	07-Apr-08	429.63		30.22		399.41		399.41		43.68	
RMW-063C	Main	07-Jan-08	429.53		30.59		398.94		398.94		55.66	
RMW-063C	Main	07-Apr-08	429.53		30.23		399.3		399.3		55.66	
RMW-064B	EPA	07-Jan-08	433.52	37	37.73	396.52	395.79	0.7299995	396.36		43.77	
RMW-064B	EPA	07-Apr-08	433.52		34.55		398.97		398.97		43.77	
RMW-064C	Main	07-Jan-08	433.61	37.67	37.73	395.94	395.88	0.06000137	395.93		55.62	
RMW-064C	Main	07-Apr-08	433.61	33.75	33.8	399.86	399.81	0.04999924	399.85		55.62	
RMW-065A	Main	07-Jan-08	433.79		30.09		403.7		403.7		30.2	
RMW-065A	Main	07-Apr-08	433.79		30.13		403.66		403.66		30.2	
RMW-065B	Main	07-Jan-08	433.9		37.61		396.29		396.29		42.97	
RMW-065B	Main	07-Apr-08	433.9		36.39		397.51		397.51		42.97	
RMW-065C	Main	07-Jan-08	433.8		37.51		396.29		396.29		67.91	
RMW-065C	Main	07-Apr-08	433.8		36.24		397.56		397.56		67.91	
RMW-065D	Main	07-Jan-08	433.7		37.36		396.34		396.34		87.87	
RMW-065D	Main	07-Apr-08	433.7		36.1		397.6		397.6		87.87	
RMW-065E	Main	07-Jan-08	433.78		37.42		396.36		396.36		114.94	
RMW-065E	Main	07-Apr-08	433.78		36.14		397.64		397.64		114.94	
RMW-066A	Main	07-Jan-08	430.15		25.72		404.43		404.43		25.78	
RMW-066A	Main	07-Apr-08	430.15		25.75		404.4		404.4		25.78	
RMW-066B	Main	07-Jan-08	430.09		33.77		396.32		396.32		39.87	
RMW-066B	Main	07-Apr-08	430.09		32.81		397.28		397.28		39.87	
RMW-066C	Main	07-Jan-08	430.19		33.84		396.35		396.35		64.68	
RMW-066C	Main	07-Apr-08	430.19		32.87		397.32		397.32		64.68	
RMW-066D	Main	07-Jan-08	429.89		33.54		396.35		396.35		79.4	
RMW-066D	Main	07-Apr-08	429.89		32.58		397.31		397.31		79.4	
RMW-066E	Main	07-Jan-08	429.99		33.64		396.35		396.35		102.45	
RMW-066E	Main	07-Apr-08	429.99		32.69		397.3		397.3		102.45	
RMW-067A	Main	07-Jan-08	430.99		25.98		405.01		405.01		26.26	
RMW-087A	Main	07-Apr-08	430.99		26.09		404.9		404.9		26.26	
RMW-067B	Main	07-Jan-08	431.12		34.84		396.28		396.28		39.98	12:00 Transducer Reading
RMW-067B	Main	07-Apr-08	431.12		34.31		396.81		396.81		39.98	
RMW-067C	Main	07-Jan-08	430.94		34.63		396.31		396.31		64.6	
RMW-067C	Main	07-Apr-08	430.94		34.15		396.79		396.79		64.6	
RMW-068A	North Olive	07-Jan-08	432.7		18.64		414.06		414.06		19.02	
RMW-068A	North Olive	08-Apr-08	432.7		18.64		414.06		414.06		19.02	

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located in Premcor Facility

1190500002 – Madison County – ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RMW-068B	Main	07-Jan-08	432.92	27.61	29.76	405.31	403.16	2.15	404.84		29.65	
RMW-068B	Main	08-Apr-08	432.92	25.89	29.76	407.03	403.16	3.870001	406.18		29.96	
RMW-068C	EPA	07-Jan-08	432.76		34.4		398.36		398.36		43.32	
RMW-068C	EPA	08-Apr-08	432.76		32.72		400.04		400.04		43.32	
RMW-068D	Main	07-Jan-08	432.63		35.97		396.66		396.66		56.46	
RMW-068D	Main	08-Apr-08	432.63		33.17		399.46		399.46		56.46	
RMW-068E	Main	07-Jan-08	432.51		35.85		396.66		396.66		72.85	
RMW-068E	Main	08-Apr-08	432.51		33.05		399.46		399.46		72.85	
RMW-068F	Main	07-Jan-08	432.51		35.82		396.69		396.69		92.9	
RMW-068F	Main	08-Apr-08	432.51		33		399.51		399.51		92.9	
RMW-068G	Main	07-Jan-08	432.46		35.76		396.7		396.7		119.96	
RMW-068G	Main	08-Apr-08	432.46		32.99		399.47		399.47		119.96	
RMW-069A	North Olive	07-Jan-08	432.35		15.02		417.33		417.33		21.76	
RMW-069A	North Olive	07-Apr-08	432.35		11.62		420.73		420.73		21.76	
RMW-069B	EPA	07-Jan-08	432.41	33.75	34.52	398.66	397.89	0.7700005	398.49		40.68	
RMW-069B	EPA	07-Apr-08	432.41	32.36	33.58	400.05	398.83	1.220001	399.78		40.68	
RMW-069C	Main	07-Jan-08	432.43		35.09		397.34		397.34		53.61	
RMW-069C	Main	07-Apr-08	432.43		33.29		399.14		399.14		53.61	
RMW-069D	Main	07-Jan-08	432.43		35.09		397.34		397.34		72.99	
RMW-069D	Main	07-Apr-08	432.43		33.2		399.23		399.23		72.99	
RMW-069E	Main	07-Jan-08	432.56		35.2		397.36		397.36		93.12	
RMW-069E	Main	07-Apr-08	432.56		33.27		399.29		399.29		93.12	
RMW-069F	Main	07-Jan-08	432.69		35.33		397.36		397.36		119.26	
RMW-069F	Main	07-Apr-08	432.69		33.51		399.18		399.18		119.26	
RMW-070A	Main	07-Jan-08	432.21		20.02		412.19		412.19		20.39	
RMW-070A	Main	07-Apr-08	432.21		16.99		415.22		415.22		20.39	
RMW-070B	Main	07-Jan-08	432.3		23.07		409.23		409.23		33.72	
RMW-070B	Main	07-Apr-08	432.3		17.22		415.08		415.08		33.72	
RMW-070C	Main	07-Jan-08	432.24		34.47		397.77		397.77		51.42	
RMW-070C	Main	07-Apr-08	432.24		32.52		399.72		399.72		51.42	
RMW-070D	Main	07-Jan-08	432.07		34.27		397.8		397.8		67.68	
RMW-070D	Main	07-Apr-08	432.07		32.32		399.75		399.75		67.68	
RMW-070E	Main	07-Jan-08	428.64		30.76		397.88		397.88		84.45	
RMW-070E	Main	07-Apr-08	428.64		28.9		399.74		399.74		84.45	
RMW-070F	Main	07-Jan-08	428.83		31.1		397.73		397.73		116.66	
RMW-070F	Main	07-Apr-08	428.83		29.15		399.68		399.68		116.66	
RMW-071A	Main	07-Jan-08	428.94		29.89		399.05		399.05		64.53	
RMW-071A	Main	07-Apr-08	428.94		28.67		400.27		400.27		64.53	
RMW-071B	Main	07-Jan-08	428.76		29.66		399.1		399.1		84.55	
RMW-071B	Main	07-Apr-08	428.76		28.45		400.31		400.31		84.55	
RMW-071C	Main	07-Jan-08	428.71		29.61		399.1		399.1		115.55	
RMW-071C	Main	07-Apr-08	428.71		28.4		400.31		400.31		115.55	
RMW-072A	North Olive	07-Jan-08	429.26								18.67	Dry
RMW-072A	North Olive	07-Apr-08	429.26		17.96		411.3		411.3		18.67	
RMW-072B	EPA	07-Jan-08	429.3								40.69	NM - Skimmer Pump
RMW-072B	EPA	07-Apr-08	429.3								40.69	NM - Skimmer Pump
RMW-072C	Main	07-Jan-08	429.36		33.29		396.07		396.07		52.83	
RMW-072C	Main	07-Apr-08	429.36		29.44		399.92		399.92		52.83	
RMW-073A	North Olive	07-Jan-08	430.15		16.05		414.1		414.1		16.27	
RMW-073A	North Olive	07-Apr-08	430.15		15.86		414.29		414.29		16.27	
RMW-073B	EPA	07-Jan-08	430.12	32.71	32.72	397.41	397.4	0.01000214	397.41		40.74	
RMW-073B	EPA	08-Apr-08	430.12	30.55	30.85	399.57	399.27	0.3000011	399.5		40.74	
RMW-073C	Main	07-Jan-08	430.16		34.55		395.61		395.61		53.75	
RMW-073C	Main	08-Apr-08	430.16		30.56		399.6		399.6		53.75	
RMW-080A	EPA	07-Jan-08	430.23		34.21		396.02		396.02		39.79	
RMW-080A	EPA	07-Apr-08	430.08		27.47		402.61		402.61		39.79	
RMW-080B	Main Sand (below D clay)	07-Jan-08	430.15		33.89		396.26		396.26		52.96	
RMW-080B	Main Sand (below D clay)	07-Apr-08	430.01		30.75		399.26		399.26		52.96	
RMW-081A	N. Olive	07-Jan-08	430.88							18.6	18.39	Dry
RMW-081A	N. Olive	07-Apr-08	430.85		18.57		412.28		412.28		18.6	
RMW-081B	EPA	07-Jan-08	431	32.36	36.09	398.64	394.91	3.73	397.82		40.15	
RMW-081B	EPA	07-Apr-08	430.99	30.22	34.88	400.77	396.11	4.660002	399.74		40.15	

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located in Premcor Facility

1190500002 – Madison County – ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RMW-081C	Main Sand (below D clay)	08-Jan-08	431.08	34.73	34.78	396.35	396.3	0.04999924	396.34		53.72	
RMW-081C	Main Sand (below D clay)	07-Apr-08	431.07		32.16		398.91		398.91		53.72	
RMW-082A	N. Olive	07-Jan-08	427.67		10.25		417.42		417.42		15.6	
RMW-082A	N. Olive	07-Apr-08	427.66		10.27		417.39		417.39		15.6	
RMW-082B	EPA	07-Jan-08	427.86	31.28	31.6	396.58	396.26	0.3199997	396.51		38.13	
RMW-082B	EPA	07-Apr-08	427.85	29.34	30.22	398.51	397.63	0.8799992	398.32		38.13	
RMW-082C	Main Sand (below D clay)	07-Jan-08	427.73	30.9	31.34	396.83	396.39	0.4400005	396.73		49.58	
RMW-082C	Main Sand (below D clay)	07-Apr-08	427.72	29.07	30.38	398.65	397.34	1.309999	398.36		49.58	
RMW-083A	N. Olive	07-Jan-08	433.19		14.45		418.74		418.74		18.01	
RMW-083A	N. Olive	07-Apr-08	433.22		13.9		419.32		419.32		18.01	
RMW-083B	Main Sand	07-Jan-08	433.09	35.98	38.81	397.11	394.28	2.830002	396.49		45.49	
RMW-083B	Main Sand	08-Apr-08	433.1	34.2	36.99	398.9	396.110016	2.790001	398.29		45.49	
RMW-084A	N. Olive	07-Jan-08	433.33		14.43		418.9		418.9		25.02	
RMW-084A	N. Olive	07-Apr-08	433.33		13.71		419.62		419.62		25.02	
RMW-084B	EPA	07-Jan-08	433.47	36.38	38.52	397.09	394.95	2.139999	396.62		45.92	
RMW-084B	EPA	07-Apr-08	433.48	34.99	36.71	398.490021	396.77002	1.719997	398.11		45.92	
RMW-084C	Main Sand (below D clay)	07-Jan-08	433.53		36.98		396.55		396.55		58.76	
RMW-084C	Main Sand (below D clay)	07-Apr-08	433.54		35.23		398.31		398.31		58.76	
RMW-085A	N. Olive	07-Jan-08	430.32		14.17		416.15		416.15		17.03	
RMW-085A	N. Olive	07-Apr-08	430.32		12		418.32		418.32		17.03	
RMW-085B	EPA	07-Jan-08	430.2	31.66	33.12	398.54	397.08	1.459999	398.22		40.73	
RMW-085B	EPA	07-Apr-08	430.18	29.92	33.47	400.259979	396.71	3.550001	399.48		40.73	
RMW-085C	Main Sand (below D clay)	07-Jan-08	430.23		33.75		396.48		396.48		53.65	
RMW-085C	Main Sand (below D clay)	07-Apr-08	430.22		30.95		399.27		399.27		53.65	
RMW-086A	N. Olive	07-Jan-08	433.49		21.43		412.06		412.06		21.49	
RMW-086A	N. Olive	07-Apr-08	433.47		21.46		412.01		412.01		21.49	
RMW-086B	EPA	07-Jan-08	433.53	36.47	37.83	397.06	395.7	1.360001	396.76		43.23	
RMW-086B	EPA	07-Apr-08	433.5	33.81	37.61	399.69	395.89	3.799999	398.85		43.23	
RMW-086C	Main Sand (below D clay)	07-Jan-08	433.46		36.7		396.76		396.76		55.23	
RMW-086C	Main Sand (below D clay)	07-Apr-08	433.39		34.58		398.81		398.81		55.23	
RMW-087A	N. Olive	07-Jan-08	429.3		15.34		413.96		413.96		18.2	
RMW-087A	N. Olive	07-Apr-08	429.27		12.44		416.83		416.83		18.2	
RMW-087B	EPA	07-Jan-08	429.38	31.85	33.96	397.53	395.42	2.109999	397.07		38.52	
RMW-087B	EPA	07-Apr-08	429.37	29.53	32.9	399.84	396.47	3.370001	399.1		38.52	
RMW-087C	Main Sand (below D clay)	07-Jan-08	428.97		31.94		397.03		397.03		50.47	
RMW-087C	Main Sand (below D clay)	07-Apr-08	428.93		29.85		399.08		399.08		50.47	
RMW-088A	EPA	07-Jan-08	428.32	28.52	32.87	399.8	395.45	4.349998	398.85		40.094	
RMW-088A	EPA	07-Apr-08	428.3	27.3	32.07	401	396.22998	4.77	399.95		40.094	
RMW-088B	Main Sand (below D clay)	07-Jan-08	428.3	30.92	31.57	397.38	396.73	0.6499996	397.24		51.132	
RMW-088B	Main Sand (below D clay)	07-Apr-08	428.29	28.74	29.13	399.550018	399.16	0.3899994	399.46		51.132	
RMW-089A	Main Silt	07-Jan-08	429.06		24.55		404.51		404.51		24.996	
RMW-089A	Main Silt	07-Apr-08	429.09		24.57		404.52		404.52		24.996	
RMW-089B	Main Sand	07-Jan-08	428.98	29.3	39	399.68	389.98	9.700001	397.55		39.861	
RMW-089B	Main Sand	07-Apr-08	429.01	28.12	33.33	400.89	395.68	5.210001	399.74		39.861	
RMW-090A	Main Silt	07-Jan-08	430.01		26.52		403.49		403.49		26.75	
RMW-090A	Main Silt	08-Apr-08	430	26.27	26.55	403.73	403.45	0.2799988	403.67		26.75	
RMW-090B	Main Sand	07-Jan-08	429.83	31.85	37.33	397.98	392.5	5.480001	396.77		39.82	
RMW-090B	Main Sand	08-Apr-08	429.83	28.67	37.35	401.159973	392.47998	8.679998	399.25		39.82	
RMW-091A	Permeable lens in A Clay	07-Jan-08	428.96		11.2		417.76		417.76		16.38	
RMW-091A	Permeable lens in A Clay	07-Apr-08	428.95		10.24		418.710022		418.71		16.38	
RMW-091B	EPA	07-Jan-08	428.54	31.42	33.22	397.12	395.32	1.800001	396.72		42.99	
RMW-091B	EPA	07-Apr-08	428.61	30.26	30.51	398.349976	398.099976	0.25	398.3		42.99	
RMW-091C	Main Sand (below D clay)	07-Jan-08	428.86		32.1		396.76		396.76		55.56	
RMW-091C	Main Sand (below D clay)	07-Apr-08	428.86		30.42		398.439972		398.44		55.56	
RMW-092A	Main Silt	07-Jan-08	431.65							24.94	24.894	Dry
RMW-092A	Main Silt	07-Apr-08	431.59								24.894	Dry
RMW-092B	Main Sand	07-Jan-08	431.78		35		396.78		396.78		39.819	
RMW-092B	Main Sand	07-Apr-08	431.73		33.89		397.840027		397.84		39.819	
RMW-093A	North Olive	07-Jan-08	429.19								20.17	Dry
RMW-093A	North Olive	07-Apr-08	429.19		20.17		409.02		409.02		20.17	
RMW-093B	EPA	07-Jan-08	429.18	32.14	35.94	397.04	393.24	3.799999	396.2		40.15	
RMW-093B	EPA	07-Apr-08	429.18	28.52	31.26	400.66	397.92	2.74	400.06		40.15	

TABLE 3
SUMMARY OF 2008 QUARTERLY GROUNDWATER ELEVATIONS THROUGH APRIL
Wells Located in Premcor Facility

1190500002 – Madison County – ILD041889023
The Hartford Working Group / Hartford, Illinois

Well	Stratum Screened	Date	(A) Top of Casing Elevation (ft)	(B) Depth to Product (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)	Total Depth (ft)	Historical Total Depth (ft)	Comments
RMW-094A	North Olive	07-Jan-08	429.61		19.52		410.09		410.09		19.75	
RMW-094A	North Olive	07-Apr-08	429.61		19.5		410.11		410.11		19.75	
RMW-094B	Main	07-Jan-08	429.56	32.61	35.67	396.95	393 89	3.059998	396.28		45.09	
RMW-094B	Main	07-Apr-08	429.56	29.08	29.79	400.48	399.77	0.710001	400.32		45.09	
RMW-095	Main	07-Jan-08	429.68								45.05	NM - ICE Unit
RMW-095	Main	07-Apr-08	429.68	29.03	30.7	400.65	398.98	1.67	400.28		45.05	
RMW-096	Main	07-Jan-08	429.68								45.65	NM - ICE Unit
RMW-096	Main	07-Apr-08	429.68	28.98	31	400.7	398.68	2.02	400.26		45.65	
RMW-097	Main	07-Jan-08	429.83	33.13	35.11	396.7	394.72	1.98	396.26		46	
RMW-097	Main	07-Apr-08	429.83	29.16	31.37	400.67	398.46	2.210001	400.18		46	
RMW-098A	Main	07-Jan-08	429.75		24.28		405.47		405.47		24.73	
RMW-098A	Main	07-Apr-08	429.75		24.28		405.47		405.47		24.73	
RMW-098B	Main	07-Jan-08	429.69	33.1	33.71	396.59	395.98	0.6100006	396.46		39.88	
RMW-098B	Main	07-Apr-08	429.69	29.1	29.75	400.59	399.94	0.6499996	400.45		39.88	
RPW-001	Main	08-Jan-08	431.36	42.95	43.28	388.41	388.08	0.329998	388.34		71.97	
RPW-001	Main	07-Apr-08	433.47	39.27	42.73	394.2	390.74	3.459999	393.44		71.97	
SVE-001D	EPA	07-Jan-08	430.66								39.06	NM-Unable to access
SVE-001D	EPA	07-Apr-08	430.66								39.06	Could not locate
SVE-001S	North Olive	07-Jan-08	431.11		24.68		406.43		406.43		26.71	
SVE-001S	North Olive	07-Apr-08	431.11								26.71	Could not locate
T-001	Main Shallow	07-Jan-08	431.44								44	NM - Skimmer Pump
T-001	Main Shallow	07-Apr-08	431.44									NM - Skimmer Pump
TH2-88	Main	07-Jan-08	430.88		33.6		397.28		397.28		108.9	
TH2-88	Main	07-Apr-08	430.88		31.49		399.39		399.39		108.9	

RMW-067B DTW, Water Surface Elevation , and Piezometric Surface Elevation were changed per BVNA 5-22-08.

NOTES:

= No data or DRY (See Comments)

PL = Permeable Lense

SG = Specific gravity of hydrocarbon determined to be an average of 0.77 for data recorded during and after 09/02

(T xx/xx/xxxx) = Date transducer installed in well, however, data may be from miniTROLL or manual gauging

[1] = D_o is a normalized volume of LNAPL (ft^3/ft^2) per unit surface area, but is expressed as a thickness (in units of feet)

[2] = Piezometric surface elevation = [(A)-(C)]+SG[(C)-(B)]

MP-5 through 28 installed as vacuum monitoring probes by Clayton in 7/03 and are not appropriate for determining groundwater flow

HMW-30 through 37, RW-4 and RMW-4A installed as pilot test wells by Clayton in 2004 and are not appropriate for determining groundwater flow

TOC elevations surveyed to USGS datum by CMT

Total Depths listed in January 2007 are from July 2006 unless otherwise indicated

For D_o, URS used Clayton's "Do Calculation Table (rev. 10-11-06)" to populate column

Table 4
Summary of Groundwater Analytical Results - BTEX and MTBE - April 2008

1190500002 -- Madison County -- ILD041889023
The Hartford Working Group / Hartford, Illinois

Well ID	Date	Constituent				
		Benzene	Toluene	Ethylbenzene	Xylene (total)	Methyl tert-butyl ether
TACO Comparison Value		5 ug/l	1,000 ug/l	700 ug/l	10,000 ug/l	70 ug/l
HMW-025	4/14/2008	2 U	5 U	5 U	5 U	2 U
HMW-026	4/14/2008	2 U	5 U	5 U	5 U	2 U
HMW-027	4/15/2008	2 U	5 U	5 U	5 U	1.8 J
HMW-028	4/15/2008	2 U	5 U	5 U	5 U	2 U
HMW-029	4/16/2008	2 U	5 U	5 U	5 US	2 U
HMW-039A	4/23/2008	2 U	5 U	5 U	5 U	2 U
HMW-039B	4/23/2008	2 U	5 U	5 U	5 U	2 U
HMW-039C	4/23/2008	2 U	5 U	5 U	5 U	2 U
HMW-040B	4/17/2008	2 U	5 U	5 U	5 U	2 U
HMW-040C	4/14/2008	2 U	5 U	5 U	5 U	2 U
HMW-049B	4/17/2008	112	50 U	460	144	20 U
HMW-049B[1]	4/17/2008	106	50 U	446	135	20 U
HMW-049C	4/16/2008	364	110 J	400	2,000	290
HMW-049D	4/15/2008	490	6.4	2.6 J	7.6	191
HMW-049D[1]	4/15/2008	486	6.3	2.6 J	7.6	193
HMW-050A	4/11/2008	2 U	5 U	5 U	5 U	2 U
HMW-050B	4/11/2008	2 U	5 U	5 U	5 U	2 U
HMW-050C	4/14/2008	136	8.9	5 U	7.6	65.4
HMW-050C[1]	4/14/2008	133	8.7	5 U	7.8	64.9
HMW-052C	4/9/2008	2 U	5 U	5 U	5 U	2 U
MP-081C	4/9/2008	2 U	5 U	5 U	5 U	2 U
MP-089C	4/9/2008	2 U	5 U	5 U	5 U	2 U
MP-092D	4/11/2008	2 U	5 U	5 U	5 U	2 U

Notes
=Exceeds Screening Criteria
[1] = Denotes Duplicate Sample
U = Not Detected (value preceding "U" denotes detection limit)
J = Estimated value
All units are in ug/L-micrograms per liter

Comparison values are Tier 1 Class 1 Groundwater Remediation Objectives from Illinois EPA's Tiered Approach to Corrective Action Objectives, last amended February 15, 2007. Comparison values used for comparison purposes only.

Table 5
Summary of Groundwater Analtyical Results - Metal (Total and Dissolved) - April 2008

1190500002 -- Madison County -- ILD041889023
The Hartford Working Group / Hartford, Illinois

Well ID	Date	Constituent															
		Antimony	Antimony (Dissolved)	Arsenic	Arsenic (Dissolved)	Barium	Barium (Dissolved)	Beryllium	Beryllium (Dissolved)	Cadmium	Cadmium (Dissolved)	Chromium	Chromium (Dissolved)	Cobalt	Cobalt (Dissolved)	Iron	Iron (Dissolved)
TACO Comparison Value		0.006 mg/l	0.006 mg/l	0.05 mg/l	0.05 mg/l	2 mg/l	2 mg/l	0.004 mg/l	0.004 mg/l	0.005 mg/l	0.005 mg/l	0.1 mg/l	0.1 mg/l	1 mg/l	1 mg/l	5 mg/l	5 mg/l
HMW-025	4/14/2008	0.0022 J	0.005 U	0.003 U	0.003 U	0.388	0.375	0.001 U	0.001 U	0.0005 J	0.0004 J	0.01 U	0.0042 J	0.0065 J	0.0071 J	0.011 J	0.02 U
HMW-026	4/14/2008	0.005 U	0.005 U	0.0025 J	0.0028 J	0.141	0.132	0.001 U	0.001 U	0.002 U	0.002 U	0.01 U	0.01 U	0.006 J	0.0053 J	26.9	25.4
HMW-027	4/15/2008	0.005 U	0.005 U	0.0019 J	0.0011 J	0.199	0.189	0.001 U	0.001 U	0.0004 J	0.0003 J	0.01 U	0.01 U	0.0083 J	0.0103	3.32	1.98
HMW-028	4/15/2008	0.005 U	0.005 U	0.0008 J	0.003 U	0.0926	0.0948	0.001 U	0.001 U	0.0004 J	0.0009 J	0.01 U	0.01 U	0.0135	0.0142	0.018 J	0.012 J
HMW-029	4/16/2008	0.005 U	0.005 U	0.0027 J	0.002 J	0.145	0.129	0.001 U	0.001 U	0.0003 J	0.0004 J	0.01 U	0.01 U	0.0036 J	0.0034 J	7.44	5.91
HMW-039A	4/23/2008	0.005 U	0.005 U	0.003 U	0.003 U	0.355	0.359	0.001 U	0.001 U	0.002 U	0.002 U	0.0044 J	0.01 U	0.01 U	0.01 U	0.079 U	0.02 U
HMW-039B	4/23/2008	0.005 U	0.005 U	0.003 U	0.003 U	0.444	0.435	0.001 U	0.001 U	0.002 U	0.0003 J	0.01 U	0.01 U	0.01 U	0.01 U	0.0208 U	0.02 U
HMW-039C	4/23/2008	0.005 U	0.005 U	0.003 U	0.003 U	0.3	0.27	0.001 U	0.001 U	0.002 U	0.002 U	0.01 U	0.01 U	0.01 U	0.01 U	4.43	2.47
HMW-040B	4/17/2008	0.005 U	0.005 U	0.003 U	0.003 U	0.308	0.28	0.001 U	0.001 U	0.002 U	0.002 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0744	0.02 U
HMW-040C	4/14/2008	0.005 U	0.005 U	0.004	0.0028 J	0.411	0.372	0.001 U	0.001 U	0.0004 J	0.002 U	0.01 U	0.0067 J	0.01 U	0.0024 J	1.15	0.413
HMW-049B	4/17/2008	0.005 U	0.005 U	0.0102	0.0106	0.669	0.616	0.001 U	0.001 U	0.0006 J	0.0004 J	0.01 U	0.01 U	0.0111	0.0105	26.7	24.1 S
HMW-049B[1]	4/17/2008	0.005 U	0.005 U	0.0103	0.0101	0.678	0.609	0.001 U	0.001 U	0.0007 J	0.0006 J	0.01 U	0.01 U	0.0113	0.011	27.1	23.6
HMW-049C	4/16/2008	0.005 U	0.005 U	0.0029 J	0.0033	0.399	0.361	0.001 U	0.001 U	0.002 U	0.002 U	0.01 U	0.01 U	0.005 J	0.0034 J	13.5	9.64
HMW-049D	4/15/2008	0.005 U	0.005 U	0.0016 J	0.0016 J	0.338	0.343	0.001 U	0.001 U	0.0003 J	0.0003 J	0.01 U	0.01 U	0.008 J	0.0084 J	41.4	40.1
HMW-049D[1]	4/15/2008	0.005 U	0.005 U	0.0011 J	0.001 J	0.354	0.338	0.001 U	0.001 U	0.0003 J	0.0005 J	0.01 U	0.01 U	0.0074 J	0.0088 J	43.4	38.6
HMW-050A	4/11/2008	0.005 U	0.005 U	0.0014 J	0.003 U	0.045	0.0405	0.001 U	0.001 U	0.0003 J	0.0003 J	0.0156	0.0156	0.01 U	0.0026 J	0.242 U	0.02 U
HMW-050B	4/11/2008	0.005 U	0.005 U	0.003 U	0.003 U	0.163	0.162	0.001 U	0.001 U	0.002 U	0.0003 J	0.01 U	0.01 U	0.0024 J	0.0034 J	2.11 B	2.04
HMW-050C	4/14/2008	0.005 U	0.0019 J	0.003 U	0.003 U	0.336	0.294	0.001 U	0.001 U	0.002 U	0.002 U	0.01 U	0.01 U	0.0073 J	0.0066 J	9.11	8.24
HMW-050C[1]	4/14/2008	0.005 U	0.005 U	0.003 U	0.003 U	0.333	0.296	0.001 U	0.001 U	0.0003 J	0.002 U	0.01 U	0.01 U	0.0063 J	0.0054 J	8.82	8.35
HMW-052C	4/9/2008	0.005 U	0.005 U	0.0021 J	0.0021 J	0.339	0.319	0.001 U	0.001 U	0.0004 J	0.002 U	0.01 U	0.01 U	0.0031 J	0.0036 J	16.8	16.8
MP-081C	4/9/2008	0.0025 J	0.0025 J	0.003 U	0.003 U	0.069	0.0656	0.001 U	0.001 U	0.0006 J	0.002 U	0.01 U	0.01 U	0.0094 J	0.0094 J	0.011 J	0.02 U
MP-089C	4/9/2008	0.005 U	0.005 U	0.0321	0.0339	0.122	0.111	0.001 U	0.001 U	0.002 U	0.002 U	0.01 U	0.01 U	0.0082 J	0.007 J	25	23.5
MP-092D	4/11/2008	0.005 U	0.005 U	0.0025 J	0.0022 J	0.239	0.231	0.001 U	0.001 U	0.002 U	0.0004 J	0.01 U	0.01 U	0.0037 J	0.0047 J	4.17 B	3.87

Notes
=Exceeds Screening Criteria
[1] = Denotes Duplicate Sample
U = Not Detected (value preceding "U" denotes detection limit)
J = Estimated value
S = Spike Recovery outside accepted recovery limits
B = Analyte detected in associated method blank
All units are in mg/L-milligrams per liter

Comparison values are Tier 1 Class 1 Groundwater Remediation Objectives from Illinois EPA's Tiered Approach to Corrective Action Objectives, last amended February 15, 2007. Comparison values used for comparison purposes only.

Table 5
Summary of Groundwater Analtyical Results - Metal (Total and Dissolved) - April 2008

1190500002 -- Madison County -- ILD041889023
The Hartford Working Group / Hartford, Illinois

Well ID	Date	Constituent													
		Lead	Lead (Dissolved)	Mercury	Mercury (Dissolved)	Nickel	Nickel (Dissolved)	Selenium	Selenium (Dissolved)	Silver	Silver (Dissolved)	Vanadium	Vanadium (Dissolved)	Zinc	Zinc (Dissolved)
TACO Comparison Value		0.0075 mg/l	0.0075 mg/l	0.002 mg/l	0.002 mg/l	0.1 mg/l	0.1 mg/l	0.05 mg/l	0.05 mg/l	0.05 mg/l	0.05 mg/l	0.049 mg/l	0.049 mg/l	5 mg/l	5 mg/l
HMW-025	4/14/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.0145	0.0133	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0071 J
HMW-026	4/14/2008	0.002 U	0.002 U	0.0001 J	0.0002 U	0.01 U	0.01 U	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
HMW-027	4/15/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.0074 J	0.0088 J	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0023 J
HMW-028	4/15/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.0182	0.0179	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0039 J	0.003 J
HMW-029	4/16/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.0035 J	0.01 U	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0067 U	0.01 U
HMW-039A	4/23/2008	0.0006 U	0.002 U	0.00014 U	0.00014 U	0.01 U	0.01 U	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0053 U	0.01 U
HMW-039B	4/23/2008	0.0004 U	0.0004 J	0.00012 U	0.00014 U	0.01 U	0.01 U	0.0053 J	0.0047 J	0.01 U	0.01 U	0.01 U	0.01 U	0.0275	0.0207
HMW-039C	4/23/2008	0.0004 U	0.0006 J	0.00013 U	0.0001 U	0.01 U	0.01 U	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0643	0.038
HMW-040B	4/17/2008	0.002 U	0.002 U	0.0002 U	0.00006 J	0.01 U	0.01 U	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.007 J	0.0059 J
HMW-040C	4/14/2008	0.002 U	0.002 U	0.0002 U	0.00006 U	0.0085 J	0.0081 J	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.2	0.171
HMW-049B	4/17/2008	0.0008 J	0.002 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.006 UJ	0.006 U	0.01 U	0.01 U	0.0051 J	0.01 U	0.0453	0.0032 J
HMW-049B[1]	4/17/2008	0.0008 J	0.0005 J	0.0002 U	0.00007 J	0.0036 J	0.01 U	0.006 U	0.006 US	0.01 U	0.01 U	0.0048 J	0.01 U	0.0578	0.0045 J
HMW-049C	4/16/2008	0.0045	0.0041	0.0002 U	0.00006 U	0.0052 J	0.01 U	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.259	0.224
HMW-049D	4/15/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0184	0.0027 J
HMW-049D[1]	4/15/2008	0.0004 J	0.002 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0156	0.0031 J
HMW-050A	4/11/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0054 J	0.0065	0.01 U	0.01 U	0.0033 J	0.01 U	0.01 U	0.0052 U
HMW-050B	4/11/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.006 U	0.006 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.0021 J	0.01 U
HMW-050C	4/14/2008	0.002 U	0.002 U	0.00015 U	0.00017 U	0.01 U	0.01 U	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
HMW-050C[1]	4/14/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
HMW-052C	4/9/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0053 U	0.005 J
MP-081C	4/9/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.0228	0.0217	0.006 UJ	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0044 U	0.01 U
MP-089C	4/9/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.0084 J	0.0081 J	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0052 U	0.01 U
MP-092D	4/11/2008	0.002 U	0.002 U	0.0002 U	0.0002 U	0.01 U	0.0038 J	0.006 U	0.006 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0024 U

Notes
=Exceeds Screening Criteria
[1] = Denotes Duplicate Sample
U = Not Detected (value preceding "U" denotes detection limit)
J = Estimated value
S = Spike Recovery outside accepted recovery limits
B = Analyte detected in associated method blank
All units are in mg/L-milligrams per liter

Comparison values are Tier 1 Class 1 Groundwater Remediation Objectives from Illinois EPA's Tiered Approach to Corrective Action Objectives, last amended February 15, 2007. Comparison values used for comparison purposes only.

Table 6
Summary of Groundwater Analytical Results - General Chemistry and Natural Attenuation Parameters - April 2008

1190500002 -- Madison County -- ILD041889023
The Hartford Working Group / Hartford, Illinois

Well ID	Date	Constituent															
		Alkalinity (as CaCO3)	Ammonia (as N)	Chemical Oxygen Demand	Chloride	Cyanide	Hardness (as CaCO3)	Nitrate	Nitrate plus Nitrite (as N)	Nitrite (as N)	Phosphorus	Phosphorus (Dissolved)	Sulfate	Sulfide	Total Dissolved Solids (TDS)	Total Organic Carbon	Total Suspended Solids
TACO Comparison Value		(mg/l)	(mg/l)	(mg/l)	200 mg/l	0.2 mg/l	(mg/l)	10 mg/l	(mg/l)	(mg/l)	(mg/l)	(mg/l)	400 mg/l	(mg/l)	(mg/l)	(mg/l)	(mg/l)
HMW-025	4/14/2008	468	0.1 U	22 J	276	0.007 U	700	0.05 U	0.05 U	0.01 U	0.06 UJ	0.058 J	50 U	0.05 UJ	1330	0.6 J	6 U
HMW-026	4/14/2008	626	0.3	50 U	48 J	0.007 U	840	0.015 J	0.015 J	0.01 U	0.235	0.214	297 J	0.05 U	1140	2.3	19
HMW-027	4/15/2008	618	0.06 J	50 U	54	0.007 U	740	0.05 U	0.05 U	0.01 U	0.027 U	0.027 U	116	0.05 U	934	3	7
HMW-028	4/15/2008	464	0.1 U	50 U	17	0.007 U	600	0.015 J	0.015 J	0.01 U	0.027 U	0.027 U	167	0.05 U	716	2.8	6 U
HMW-029	4/16/2008	496	0.08 U	50 U	13	0.007 U	500	0.05 U	0.05 U	0.01 U	0.061 U	0.033 U	89	0.05 U	644	1.4	14
HMW-039A	4/23/2008	232	0.1 U	50 U	428	0.007 U	520	1.18	1.18	0.01 U	0.023 U	0.03 U	50 U	0.05 U	1230	0.6 U	6 U
HMW-039B	4/23/2008	234	0.1 U	50 U	448	0.007 U	540	0.93	0.94	0.01	0.091 U	0.027 U	50 U	0.05 U	1270	1 U	6 U
HMW-039C	4/23/2008	195	0.29	50 U	256	0.007 U	240	0.05 U	0.05 U	0.01 U	0.417	0.168 U	50 U	0.05 U	636	1.5 U	7
HMW-040B	4/17/2008	262	0.1 U	50 U	26	0.007 U	280	2.81	2.81	0.01 U	0.052	0.027 U	50 U	0.18 J	346	2.8	6 U
HMW-040C	4/14/2008	344	0.1 U	50 U	41	0.007 U	380	0.155	0.155	0.01 U	0.027 U	0.027 U	50 U	0.05 UJ	472	1.6	6 U
HMW-049B	4/17/2008	836	0.07 J	48 J	347	0.007 U	1000	0.02 J	0.02 J	0.01 U	1.37	1.33	50 U	0.23 J	1470	2.8	51
HMW-049B[1]	4/17/2008	836	0.06 J	52	322 S	0.007 US	1020	0.012 J	0.012 J	0.01 U	1.35	1.28	50 US	0.45 S	1490	1.4	60
HMW-049C	4/16/2008	476	0.37 U	25 J	41	0.007 U	440	0.06 U	0.06 U	0.01 U	0.416 U	0.312	50 U	0.05 U	562	7.4	15
HMW-049D	4/15/2008	600	0.19	50 U	38	0.007 U	560	0.02 J	0.02 J	0.01 U	0.578	0.568	50 U	0.03 J	674	5.3	31
HMW-049D[1]	4/15/2008	594	0.17	50 U	37 S	0.007 US	580	0.01 J	0.01 J	0.01 U	0.636	0.579	50 U	0.02 J	668	5.2	24
HMW-050A	4/11/2008	406	0.06 J	50 U	6	0.007 U	540	3.42	3.42	0.01 U	0.177	0.176	228	0.01 J	772	3	6 U
HMW-050B	4/11/2008	286	1.75	50 U	23	0.007 U	480	0.017 J	0.017 J	0.01 U	0.82	0.79	301	0.15	756	2.2	6 U
HMW-050C	4/14/2008	506	0.86	38 J	390	0.007 U	860	0.011 J	0.011 J	0.01 U	0.635	0.628	141	0.07 J	1500	1.5	29
HMW-050C[1]	4/14/2008	500	0.86	33 J	396	0.007 U	840	0.05 U	0.05 U	0.01 U	0.658	0.638	138	0.06	1450	1.4	34
HMW-052C	4/9/2008	596	0.21	50 U	72	0.158	720	0.05 U	0.05 U	0.01 U	0.183	0.162	106	0.03 J	824	2.5	26
MP-081C	4/9/2008	622	0.2	50 U	32	0.007 U	840	0.086	0.086	0.01 U	0.053	0.038	252	0.03 J	1010	2.2	6 U
MP-089C	4/9/2008	638	0.3	22 J	48 J	0.007 US	880	0.05 U	0.05 U	0.01 U	0.07	0.074	239	0.02 J	1050	4	17
MP-092D	4/11/2008	480	0.1 U	50 U	19	0.007 U	460	0.05 U	0.05 U	0.01 U	0.048	0.046	50 US	0.05 U	540	1.3	6 U

Notes
=Exceeds Screening Criteria
[1] = Denotes Duplicate Sample
U = Not Detected (value preceding "U" denotes detection limit)
J = Estimated value
S = Spike Recovery outside accepted recovery limits
All units are in mg/L-milligrams per liter

Comparison values are Tier 1 Class 1 Groundwater Remediation Objectives from Illinois EPA's Tiered Approach to Corrective Action Objectives, last amended February 15, 2007. Comparison values used for comparison purposes only.

TABLE 7
INDICATOR PARAMETERS - April 2008 QUARTERLY SAMPLING
The Hartford Area Hydrocarbon Plume Site

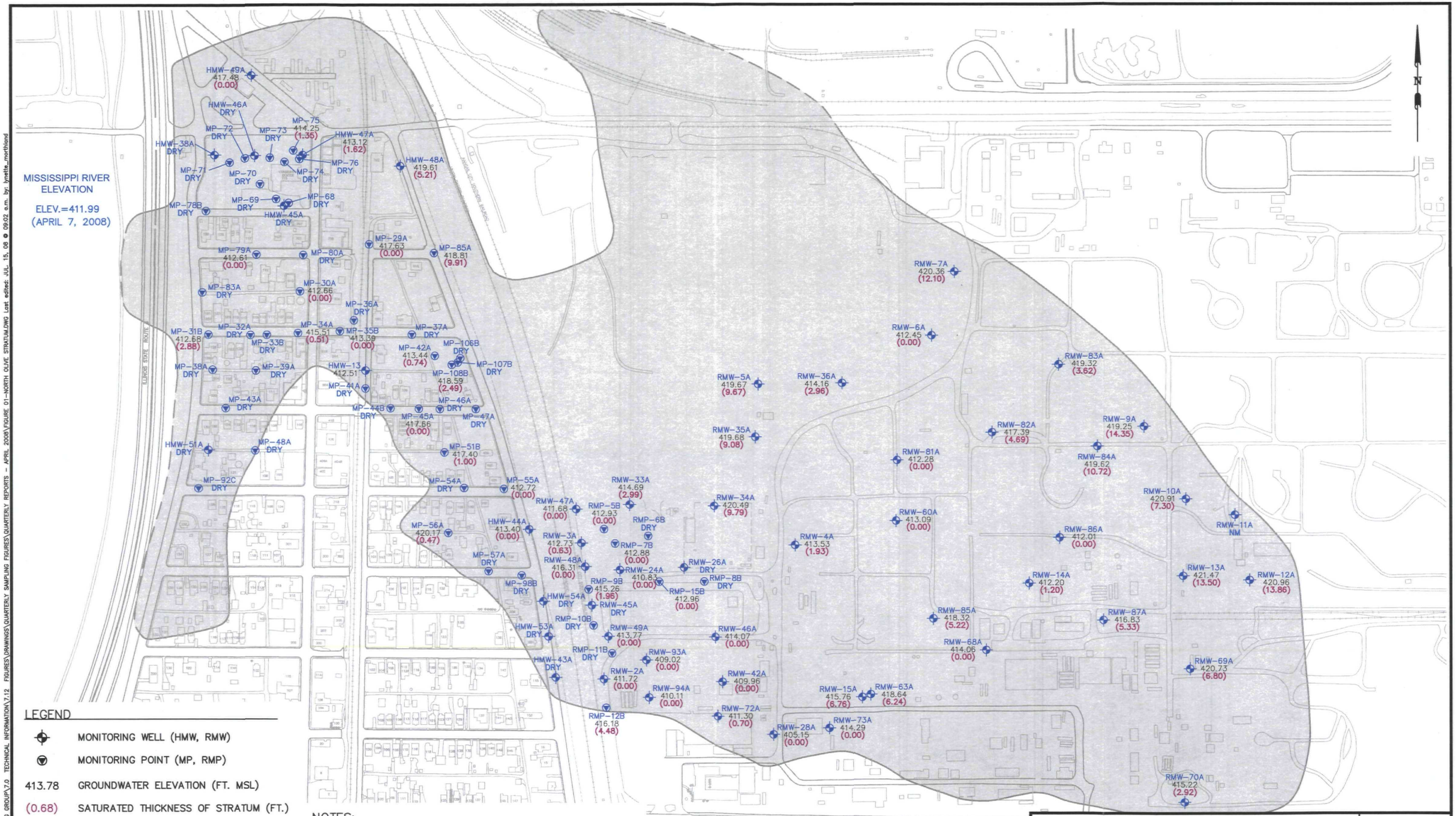
1190505040 -- Madison County -- ILR 000128249
The Hartford Working Group / Hartford, Illinois

Well Number	Date	Temperature °C	pH (std. units)	Conductivity (uS/cm)	Turbidity (ntu)	Dissolved Oxygen (mg/L)	ORP (mV)
SECOND QUARTER 2008							
HMW-25	04/14/08	13.19	6.70	1338.71	1.40	2.40	124.74
HMW-26	04/14/08	15.87	6.65	1380.87	7.62	2.86	-165.71
HMW-27	04/15/08	14.76	6.55	1141.18	7.24	2.99	-106.39
HMW-28	04/15/08	15.43	6.64	920.51	7.26	2.87	-237.49
HMW-29	04/16/08	16.77	6.72	900.30	23.72	2.44	-284.84
HMW-39A	04/23/08						
HMW-39B	04/23/08	19.08	7.01	1666.06	6.46	4.74	-105.74
HMW-39C	4/23/2008	15.60	7.15	961.90	39.38	2.80	-251.00
HMW-40B	04/17/08	17.77	7.02	516.04	33.09	4.36	-154.64
HMW-40C	04/14/08	12.26	6.69	581.63	19.00	3.07	-134.65
HMW-49B	04/17/08	18.24	6.28	2075.85	21.85	2.45	-249.89
HMW-49C	4/16/2008	15.95	6.54	806.80	43.20	2.80	-218.00
HMW-49D	04/15/08	17.22	6.43	1022.96	145.28	2.67	-214.98
HMW-50A	04/11/08	14.47	6.47	884.94	128.96	3.65	-77.40
HMW-50B	04/11/08	16.32	7.33	897.77	2.53	2.82	-232.61
HMW-50C	04/14/08	13.83	6.93	1875.80	31.50	2.73	-274.60
HMW-52C	04/09/08	16.81	6.65	3893.57	2.25	2.83	-188.47
MP-81C	04/09/08	13.84	6.59	3806.67	14.41	6.63	-254.23
MP-89C	04/09/08	15.43	6.65	4224.49	8.94	7.28	-121.45
MP-92D	04/11/08	14.99	6.71	756.80	8.29	4.07	-231.81

NOTES:

Highlighted wells were purged dry and sampled with a peristaltic pump and/or 2" bailer. No indicator parameters were collected.

°C = degrees Centigrade
mg/L = milligrams per liter
mV = millivolts
NM = Not Measured
ntu = nephelometric turbidity units
uS/cm = microsiemens per centimeter



LEGEND

◆	MONITORING WELL (HMW, RMW)
▼	MONITORING POINT (MP, RMP)
413.78	GROUNDWATER ELEVATION (FT. MSL)
(0.68)	SATURATED THICKNESS OF STRATUM (FT.)
(0.00)	WATER IN PROBE/WELL IS WITHIN THE SUMP OF WELL AND/OR BELOW BASE OF STRATUM
DRY	WELL DRY – NO MEASUREMENTS
NM	NOT MEASURED
	INTERPRETED EXTENT OF STRATUM (DASHED WHERE EXTRAPOLATED)

NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR FREE PHASE HYDROCARBONS IF PRESENT.
2. MAP CREATED FROM BASEMAP PROVIDED BY BVNA.

HARTFORD WORKING GROUP PLUME SITE
QUARTERLY SAMPLING – APRIL 2008
HARTFORD, ILLINOIS

PROJECT NO. 21561955.00009

URS

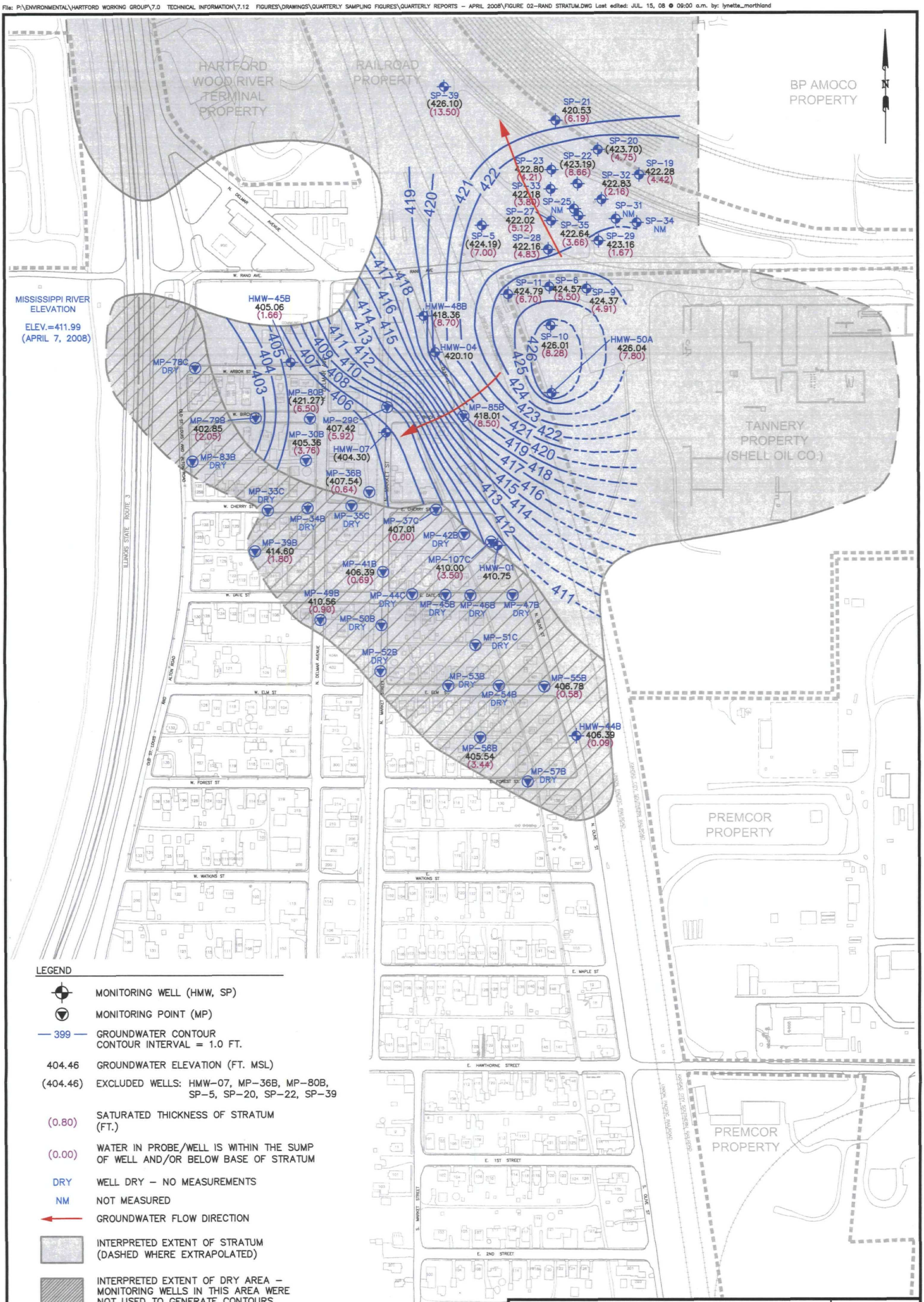
DRN. BY: lrm 7/15/08
DSGN. BY: bh
CHKD. BY:

Groundwater Elevation Map
North Olive Stratum

FIG. NO. 1

File: P:\ENVIRONMENTAL\HARTFORD WORKING GROUP\7.0 TECHNICAL INFORMATION\7.12 FIGURES\DRAWINGS\QUARTERLY SAMPLING FIGURES\QUARTERLY REPORTS – APRIL 2008\FIGURE 01-NORTH OLIVE STRATUM.DWG Last edited: JUL. 15, 08 @ 09:02 a.m. by: lynette_morthland

File: P:\ENVIRONMENTAL\HARTFORD WORKING GROUP\7.0 TECHNICAL INFORMATION\7.12 FIGURES\DRAWINGS\QUARTERLY SAMPLING FIGURES\QUARTERLY REPORTS – APRIL 2008\FIGURE 02–RAND STRATUM.DWG Last edited: JUL. 15, 08 @ 09:00 a.m. by: lynette_morthland



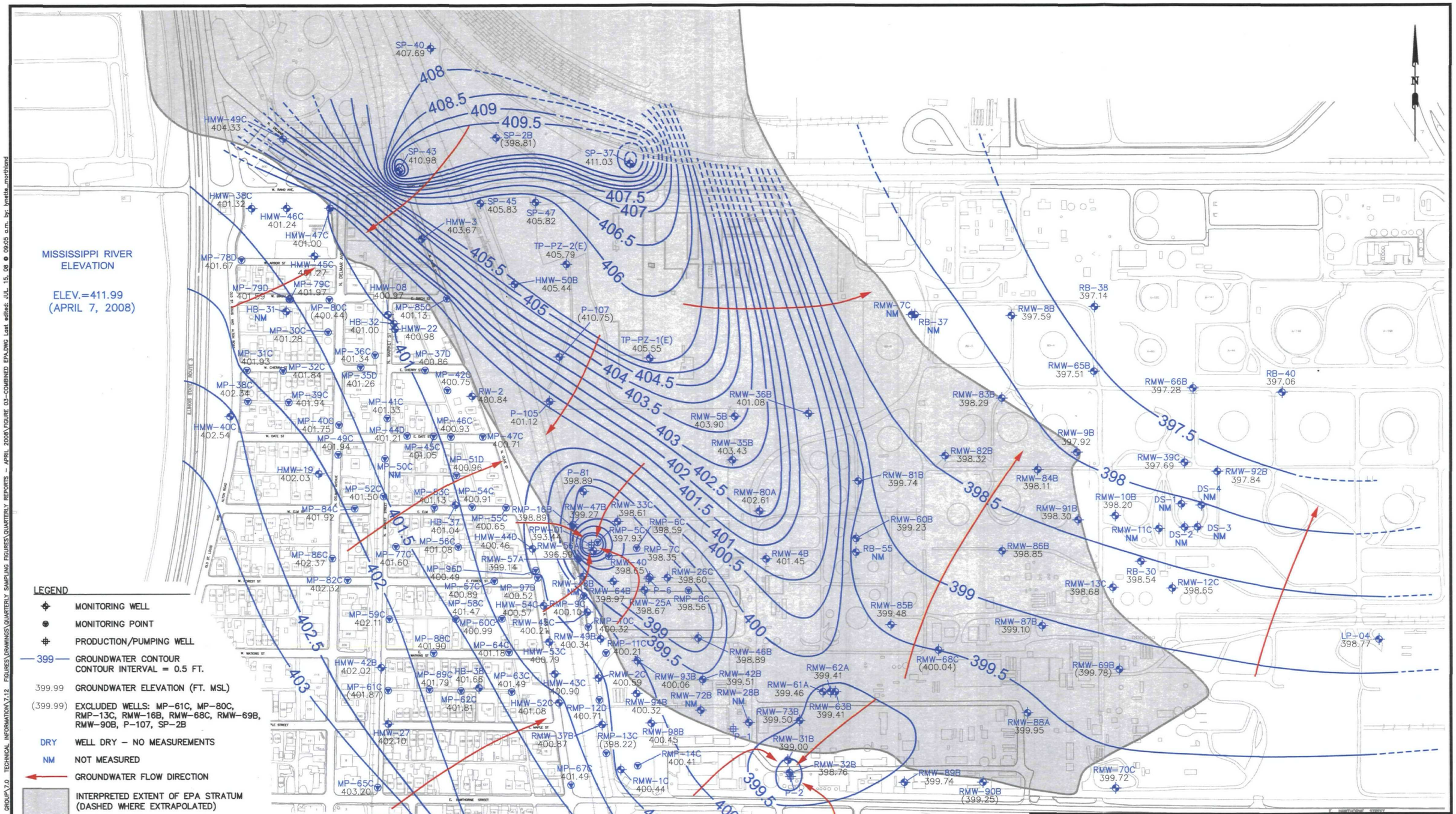
LEGEND

- MONITORING WELL (HMW, SP)
- MONITORING POINT (MP)
- — 399 — GROUNDWATER CONTOUR CONTOUR INTERVAL = 1.0 FT.
- 404.46 GROUNDWATER ELEVATION (FT. MSL)
- (404.46) EXCLUDED WELLS: HMW–07, MP–36B, MP–80B, SP–5, SP–20, SP–22, SP–39
- (0.80) SATURATED THICKNESS OF STRATUM (FT.)
- (0.00) WATER IN PROBE/WELL IS WITHIN THE SUMP OF WELL AND/OR BELOW BASE OF STRATUM
- DRY WELL DRY – NO MEASUREMENTS
- NM NOT MEASURED
- GROUNDWATER FLOW DIRECTION
- INTERPRETED EXTENT OF STRATUM (DASHED WHERE EXTRAPOLATED)
- INTERPRETED EXTENT OF DRY AREA – MONITORING WELLS IN THIS AREA WERE NOT USED TO GENERATE CONTOURS.

NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR FREE PHASE HYDROCARBONS IF PRESENT.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE RAND STRATUM.
3. MAP CREATED FROM BASEMAP PROVIDED BY BVNA.

HARTFORD WORKING GROUP PLUME SITE QUARTERLY SAMPLING – APRIL 2008 HARTFORD, ILLINOIS	PROJECT NO. 21561955.00009
URS	
DRN. BY:lrm 7/15/08 DSGN. BY:bh CHKD. BY:	Groundwater Flow Map Rand Stratum
	FIG. NO. 2

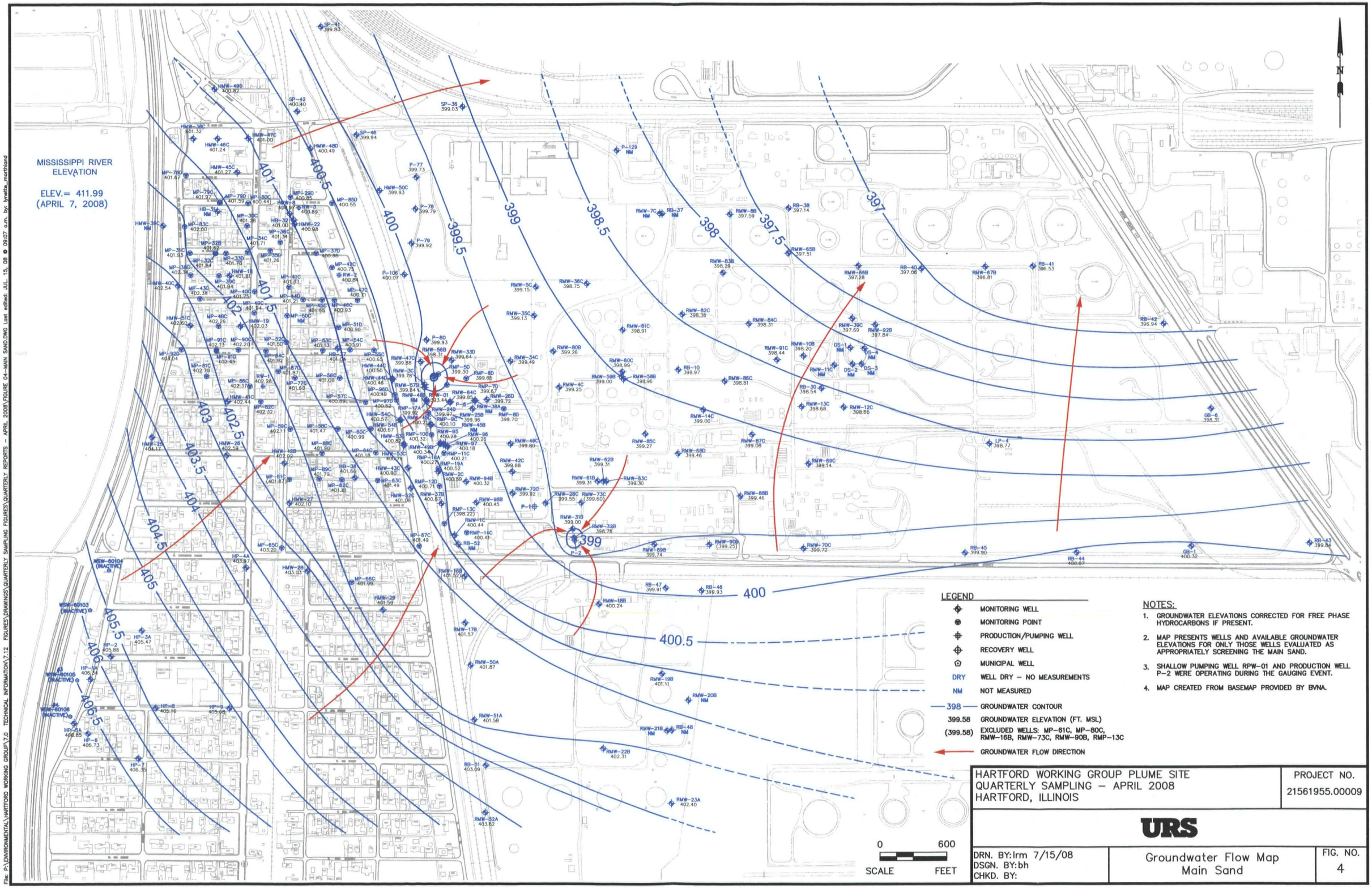


NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR FREE PHASE HYDROCARBONS IF PRESENT.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR SELECT WELLS IN THE UPPER MAIN SAND AND THOSE WELLS SCREENING THE EPA STRATUM.
3. SHALLOW PUMPING WELL RPW-01 AND PRODUCTION WELL P-2 WERE OPERATING DURING THE GAUGING EVENT.
4. MAP CREATED FROM BASEMAP PROVIDED BY BVNA.

HARTFORD WORKING GROUP PLUME SITE QUARTERLY SAMPLING – APRIL 2008 HARTFORD, ILLINOIS	PROJECT NO. 21561955.00009
URS	
DRN. BY: lrm 7/15/08 DSGN. BY: bh CHKD. BY:	Groundwater Flow Map Combined EPA and Shallow Main Sand Strata
	FIG. NO. 3

File: P:\ENVIRONMENTAL\HARTFORD WORKING GROUP\7.0 TECHNICAL INFORMATION\7.12 FIGURES\DRAWINGS\QUARTERLY SAMPLING FIGURES\QUARTERLY REPORTS – APRIL 2008\FIGURE 03–COMBINED EPA.DWG Last edited: JUL 15, 08 @ 09:05 a.m. by: lynette_morthland



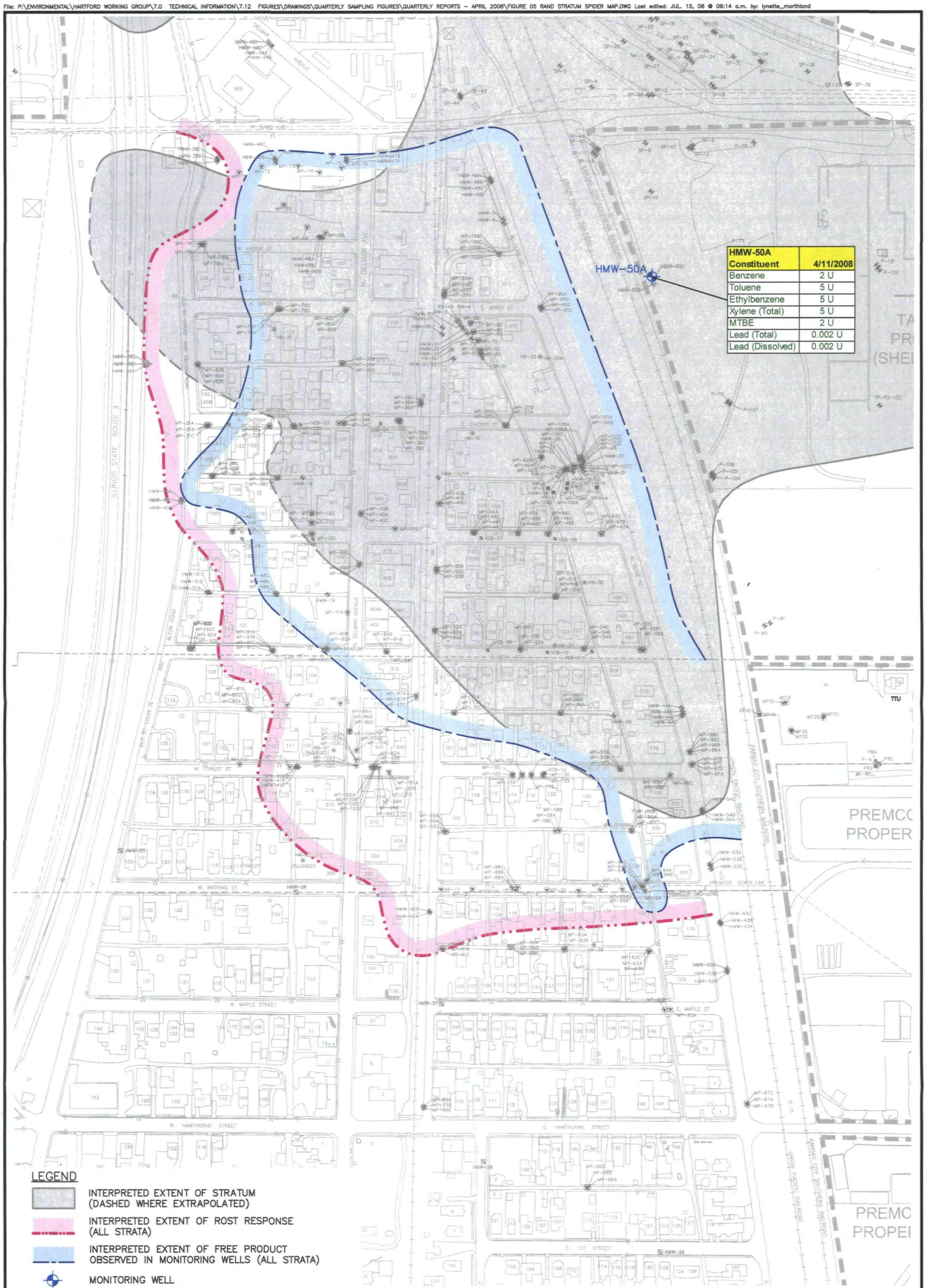
NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR FREE PHASE HYDROCARBONS IF PRESENT.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE MAIN SAND.
3. SHALLOW PUMPING WELL RPW-01 AND PRODUCTION WELL P-2 WERE OPERATING DURING THE GAUGING EVENT.
4. MAP CREATED FROM BASEMAP PROVIDED BY BVNA.

HARTFORD WORKING GROUP PLUME SITE QUARTERLY SAMPLING – APRIL 2008 HARTFORD, ILLINOIS	PROJECT NO. 21561955.00009
URS	
DRN. BY: lrm 7/15/08 DSGN. BY: bh CHKD. BY:	Groundwater Flow Map Main Sand
	FIG. NO. 4

File: P:\ENVIRONMENTAL\HARTFORD WORKING GROUP\7.0 TECHNICAL INFORMATION\7.12 FIGURES\DRAWINGS\QUARTERLY SAMPLING FIGURES\QUARTERLY REPORTS – APRIL 2008\FIGURE 04-MAIN SAND.DWG Last edited: JUL. 15, 08 @ 09:07 a.m. by: lynette_morthland

File: P:\ENVIRONMENTAL\HARTFORD WORKING GROUP\7.0 TECHNICAL INFORMATION\7.12 FIGURES\DRAWINGS\QUARTERLY SAMPLING FIGURES\QUARTERLY REPORTS – APRIL 2008\FIGURE 05 RAND STRATUM SPIDER MAP.DWG Last edited: JUL. 15, 08 @ 09:14 a.m. by: lynette_morthland



HMW-50A Constituent	4/11/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (Total)	5 U
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

LEGEND

- INTERPRETED EXTENT OF STRATUM (DASHED WHERE EXTRAPOLATED)
- INTERPRETED EXTENT OF ROST RESPONSE (ALL STRATA)
- INTERPRETED EXTENT OF FREE PRODUCT OBSERVED IN MONITORING WELLS (ALL STRATA)
- MONITORING WELL
- U NOT DETECTED (VALUE PRECEDING "U" DENOTES DETECTION LIMIT)
- J ESTIMATED VALUE

NOTE:

1. CONCENTRATIONS IN BLACK INDICATE THE RESULT EXCEEDS RESPECTIVE TACO CLASS I COMPARISON VALUES.
2. RESULTS FOR BTEX and MTBE CONSTITUENTS IN ug/L. RESULTS FOR LEAD IN mg/L.
3. MAP CREATED FROM BASEMAP PROVIDED BY BVNA.

0 200
SCALE FEET

N

HARTFORD WORKING GROUP PLUME SITE
HARTFORD, ILLINOIS

PROJECT NO. 21561955.00009

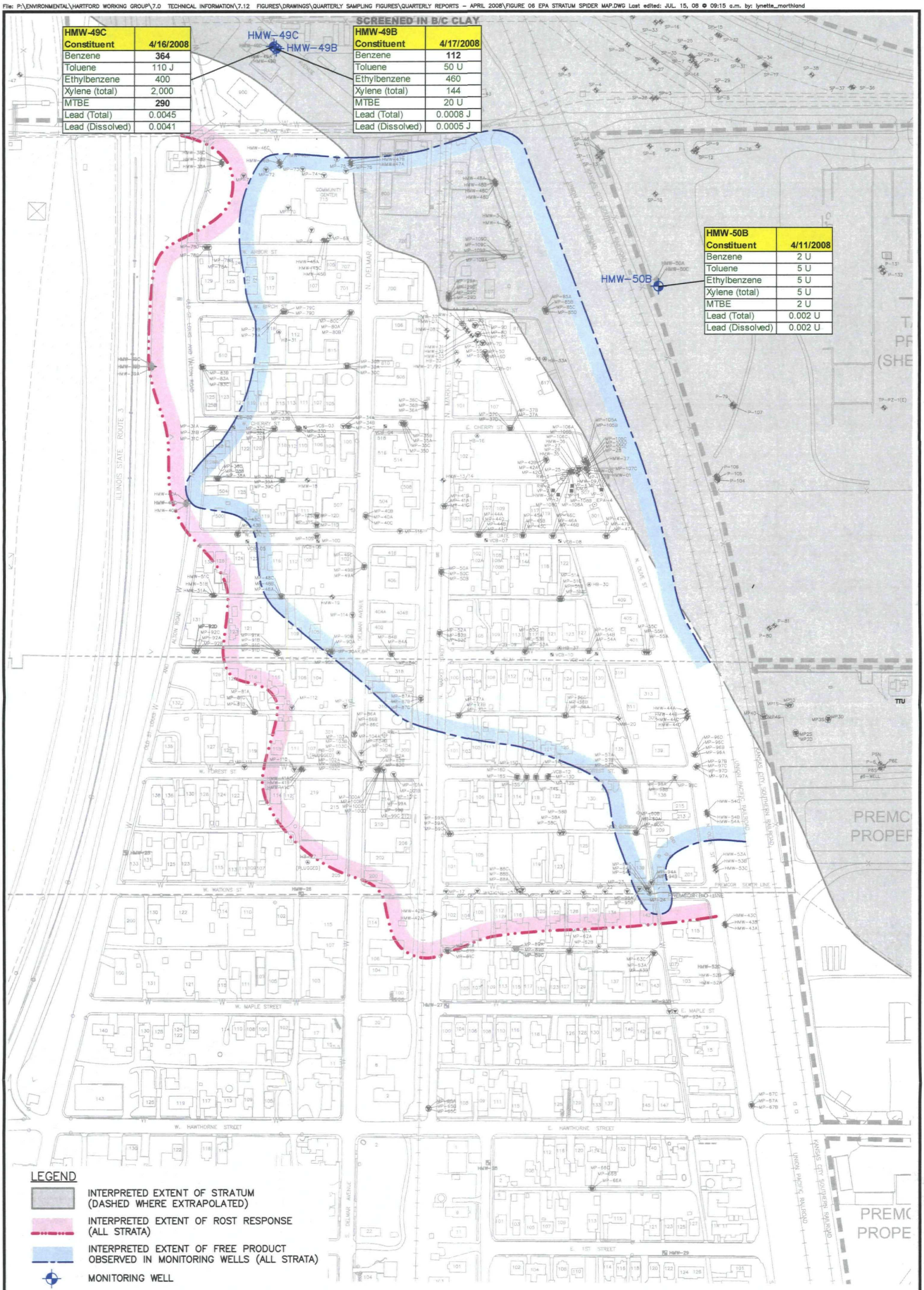
URS

DRN. BY:lrm 7/15/08
DSGN. BY:bh
CHKD. BY:

Groundwater Analytical Results
Rand Stratum

FIG. NO. 5

File: P:\ENVIRONMENTAL\HARTFORD WORKING GROUP\7.0 TECHNICAL INFORMATION\7.12 FIGURES\DRAWINGS\QUARTERLY SAMPLING FIGURES\QUARTERLY REPORTS – APRIL 2008\FIGURE 06 EPA STRATUM SPIDER MAP.DWG Last edited: JUL. 15, 08 @ 09:15 a.m. by: lynette_morthland



HMW-49C Constituent	4/16/2008
Benzene	**364**
Toluene	110 J
Ethylbenzene	400
Xylene (total)	2,000
MTBE	**290**
Lead (Total)	0.0045
Lead (Dissolved)	0.0041

HMW-49B Constituent	4/17/2008
Benzene	**112**
Toluene	50 U
Ethylbenzene	460
Xylene (total)	144
MTBE	20 U
Lead (Total)	0.0008 J
Lead (Dissolved)	0.0005 J

HMW-50B Constituent	4/11/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

LEGEND

- INTERPRETED EXTENT OF STRATUM (DASHED WHERE EXTRAPOLATED)
- INTERPRETED EXTENT OF ROST RESPONSE (ALL STRATA)
- INTERPRETED EXTENT OF FREE PRODUCT OBSERVED IN MONITORING WELLS (ALL STRATA)
- MONITORING WELL
- U NOT DETECTED (VALUE PRECEDING "U" DENOTES DETECTION LIMIT)
- J ESTIMATED VALUE

NOTE:

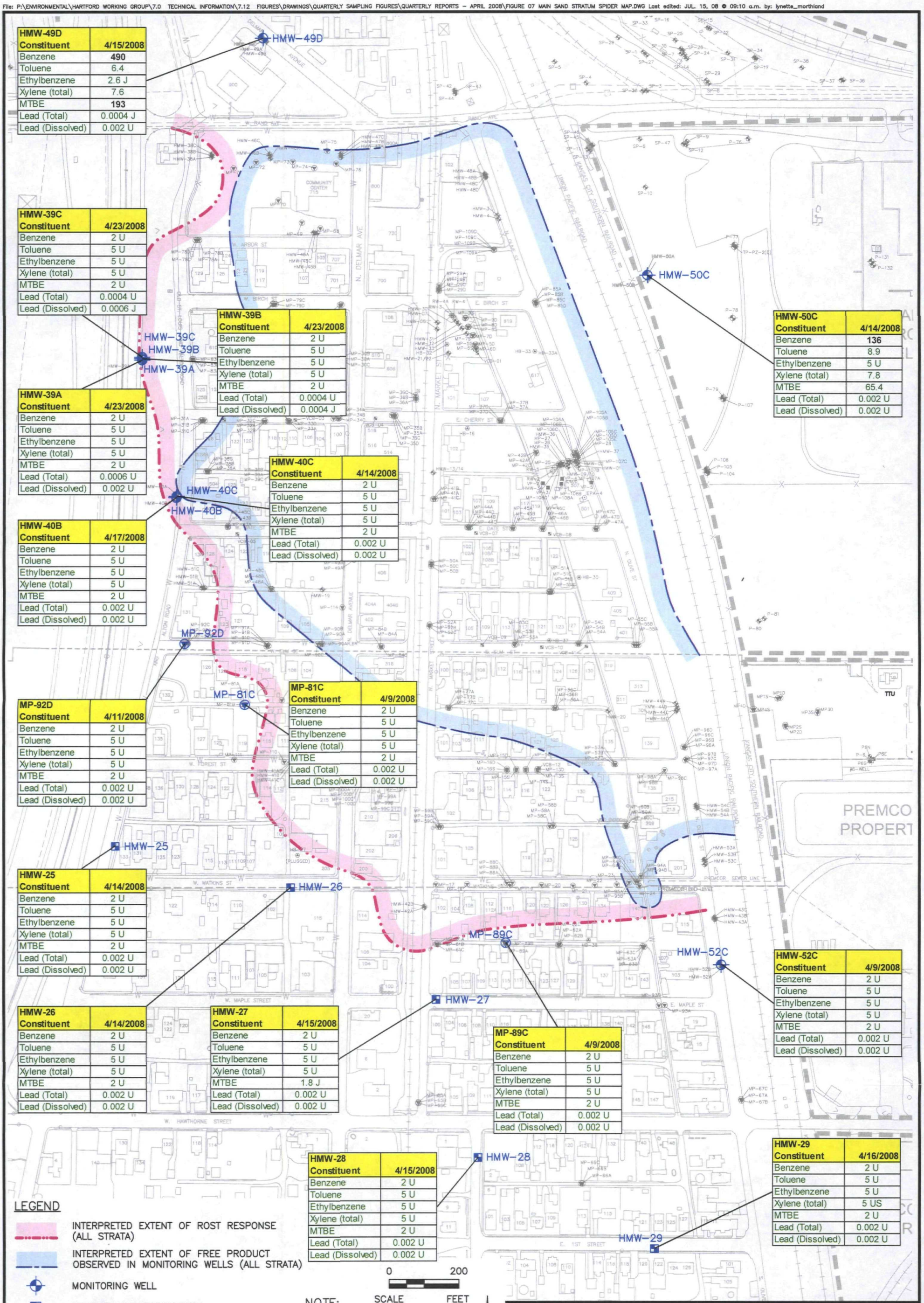
1. CONCENTRATIONS IN BLACK INDICATE THE RESULT EXCEEDS RESPECTIVE TACO CLASS I COMPARISON VALUES.
2. RESULTS FOR BTEX and MTBE CONSTITUENTS IN ug/L. RESULTS FOR LEAD IN mg/L.
3. MAP CREATED FROM BASEMAP PROVIDED BY BVNA.

0 200
SCALE FEET

N

HARTFORD WORKING GROUP PLUME SITE HARTFORD, ILLINOIS	PROJECT NO. 21561955.00009
URS	
DRN. BY:lrm 7/15/08 DSGN. BY:bh CHKD. BY:	Groundwater Analytical Results EPA Stratum
FIG. NO. 6	

File: P:\ENVIRONMENTAL\HARTFORD WORKING GROUP\7.0 TECHNICAL INFORMATION\7.12 FIGURES\DRAWINGS\QUARTERLY SAMPLING FIGURES\QUARTERLY REPORTS – APRIL 2008\FIGURE 07 MAIN SAND STRATUM SPIDER MAP.DWG Last edited: JUL. 15, 08 @ 09:10 a.m. by: lynette_morthland



HMW-49D Constituent	4/15/2008
Benzene	490
Toluene	6.4
Ethylbenzene	2.6 J
Xylene (total)	7.6
MTBE	193
Lead (Total)	0.0004 J
Lead (Dissolved)	0.002 U

HMW-39C Constituent	4/23/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.0004 U
Lead (Dissolved)	0.0006 J

HMW-39B Constituent	4/23/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.0004 U
Lead (Dissolved)	0.0004 J

HMW-39A Constituent	4/23/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.0006 U
Lead (Dissolved)	0.002 U

HMW-40C Constituent	4/14/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

HMW-40B Constituent	4/17/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

HMW-50C Constituent	4/14/2008
Benzene	136
Toluene	8.9
Ethylbenzene	5 U
Xylene (total)	7.8
MTBE	65.4
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

MP-92D Constituent	4/11/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

MP-81C Constituent	4/9/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

HMW-25 Constituent	4/14/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

HMW-26 Constituent	4/14/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

HMW-27 Constituent	4/15/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	1.8 J
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

MP-89C Constituent	4/9/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

HMW-52C Constituent	4/9/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

HMW-28 Constituent	4/15/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 U
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

HMW-29 Constituent	4/16/2008
Benzene	2 U
Toluene	5 U
Ethylbenzene	5 U
Xylene (total)	5 US
MTBE	2 U
Lead (Total)	0.002 U
Lead (Dissolved)	0.002 U

LEGEND

- INTERPRETED EXTENT OF ROST RESPONSE (ALL STRATA)
- INTERPRETED EXTENT OF FREE PRODUCT OBSERVED IN MONITORING WELLS (ALL STRATA)
- MONITORING WELL
- SENTINEL MONITORING WELL
- SOIL VAPOR SAMPLING POINTS
- U — NOT DETECTED (VALUE PRECEDING "U" DENOTES DETECTION LIMIT)
- J — ESTIMATED VALUE
- S — SPIKE RECOVERY OUTSIDE ACCEPTED RECOVERY LIMITS

NOTE:

1. CONCENTRATIONS IN BLACK INDICATE THE RESULT EXCEEDS RESPECTIVE TACO CLASS I COMPARISON VALUES.
2. RESULTS FOR BTEX and MTBE CONSTITUENTS IN ug/L. RESULTS FOR LEAD IN mg/L.
3. MAP CREATED FROM BASEMAP PROVIDED BY BVNA.

HARTFORD WORKING GROUP PLUME SITE
HARTFORD, ILLINOIS

PROJECT NO. 21561955.00009

URS

DRN. BY:lrm 7/15/08
DSGN. BY:bh
CHKD. BY:

Groundwater Analytical Results
Main Sand Stratum

FIG. NO. 7