Work Plan
Dissolved Phase
Groundwater Investigation

The Hartford Area Hydrocarbon Plume Site
Hartford, Illinois

Prepared for:

THE HARTFORD WORKING GROUP

Hartford, Illinois

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

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1.0 INTRODUCTION/PURPOSE

Paragraph 51 of the Administrative Order on Consent (AOC) with the United States Environmental Protection Agency (U.S. EPA) in the matter of The Hartford Area Hydrocarbon Plume Site (Docket No. R7003-5-04-001) (U.S. EPA, undated) requires the preparation of this Dissolved Phase Groundwater Investigation Work Plan (Plan) by the Hartford Working Group (HWG). Clayton Group Services, Inc. was retained by the HWG to prepare the Plan. The HWG is comprised of the Atlantic Richfield Company (Atlantic Richfield), The Premcor Refining Group Inc. (Premcor) and Shell Oil Products US (Shell).

As stated in our December 9, 2004 letter to the U.S. EPA, this Plan is based on a better understanding of the position of the U.S. EPA and Illinois Environmental Protection Agency (Agencies) that was gained by the HWG during the November 3, 2004 meeting between the HWG and the Agencies (Clayton 2004a). The work plan, and our December 2004 letter, also addresses comments provided in the October 8, 2004 U.S. EPA letter regarding our June 28, 2004 Dissolved Phase Groundwater Investigation Work Plan (June 2004 Work Plan) (Clayton 2004b) submittal on this matter. In light of the meeting with the Agencies and investigative findings subsequent to the submittal of our June 2004 Work Plan, the HWG, respectfully, withdraws the proposed workscope (Section 4.0) presented in the June 2004 Work Plan.

The Plan addresses the dissolved phase hydrocarbon plume associated with the identified light non-aqueous phase liquid (LNAPL) plume located in the northern portion of Hartford, Illinois (Clayton 2004c). As acknowledged by all parties at the November 2004 meeting, one of the primary objectives of the investigation is the delineation of the dissolved phase hydrocarbon plume adjacent to areas where either residual or separate phase LNAPL hydrocarbons are no longer identified. An additional focus of the investigation is areas where vapor intrusion from dissolved phase hydrocarbon

constituents could potentially impact residential homes. This plan includes the delineation of the dissolved phase hydrocarbon plume in the direction of the Hartford municipal water supply wells. Finally, the plan also is intended to enhance the understanding of groundwater flow near the active Hartford municipal wells. Investigative activities will be primarily conducted within existing streets and alleyways, within the limitations posed by public access right-of-ways and associated utilities. Access to non-public areas may be limited by the ability to obtain agreements with current landowners.

Data collected by Clayton during 2004 regarding the nature and extent of the dissolved phase hydrocarbon plume is presented in this Plan. ENSR Corporation (ENSR), working in cooperation with Clayton on behalf of the HWG, has also provided information obtained as part of their concurrent investigations in Hartford. This information, which includes geologic, soil gas and groundwater data, has been reviewed as part of the preparation of this Plan. The Plan presents the information and data available at the time of preparation of the document.

The purpose of the Plan is to:

- Present a summary of the information regarding the physical setting; specifically, the geology and hydrogeology underlying Hartford.
- Present a summary of the recent information regarding the soil vapor petroleum hydrocarbon impacts beyond the area of the identified LNAPL plume in Hartford.
- Present information regarding the dissolved phase hydrocarbon impacts in Hartford. This includes analytical results from new monitoring wells installed as part of LNAPL plume delineation efforts.
- Determine groundwater flow in the identified hydrostratigraphic units (North Olive, Rand and EPA Strata and Main Sand), including the area of the Hartford municipal wells, to assist in delineating the extent of the dissolved phase hydrocarbon impacted groundwater in Hartford.

- Conduct additional investigation, as appropriate, to further assess groundwater quality, both horizontally and vertically, starting in areas of apparent data gaps with subsequent incremental step-outs from the currently identified dissolved phase hydrocarbon plume, including in the direction of the Hartford municipal supply wells.

- Conduct additional sampling and groundwater analyses of monitoring locations (without LNAPL) on a quarterly basis.

2.0 SITE DESCRIPTION

2.1 LOCATION

Hartford, Illinois is located in Madison County on the east bank of the Mississippi River upstream from St. Louis, Missouri. Hartford lies approximately 3,000 feet east of the Mississippi River. The Shell Tannery Property and the Premcor facility are located directly east of Hartford. ConocoPhillips currently conducts operations on a portion of the Premcor facility. The BP Amoco (fka Amoco) facility lies north-northeast of Hartford across Rand Avenue. The ConocoPhillips facility (former Shell facility) is located east of the Premcor facility. The general location of Hartford, Illinois along with the site and adjoining property boundaries are presented in Figure 2-1. Figure 2-1 also reflects a correction to the BP Amoco and ConocoPhillips property boundaries adjacent to the Mississippi River.

The Hartford site boundaries have been defined in the AOC as being bounded by Rand Avenue to the north, the nearest railroad tracks to the east side of Olive Street to the east, Donna Drive and the south boundary of Hartford Park to the south, and Illinois State Highway 3 to the west. The Hartford site boundaries may differ from the Hartford corporate boundaries. Figure 2-2 shows the ground surface topography of the northern portion of Hartford.

2.2 SITE HISTORY

A historical summary of environmental concerns in Hartford was most recently presented by Clayton (2004d). In general, the concerns have been located within an area bounded by Hawthorne Street to the south, North Olive Street to the east, Illinois State Highway 3 to the west, and Rand Avenue to the north (Figure 2-2). Numerous underground petroleum pipelines are present in the area with those in the northern portion of Hartford

located in three corridors, the Elm Street corridor, the North Olive Street corridor and the Rand Avenue corridor.

Odor issues, dating back to May 1966, have been documented in buildings located in the northern portion of Hartford. In 1978, investigations were conducted because of a series of residential house fires and building odor complaints. The investigations identified the presence of a LNAPL plume beneath the northern portion of Hartford.

In 1978 and 1979, Clark Oil Corporation (Old Clark), the former owner and operator of the Premcor facility, installed two wells in Hartford to recover separate phase hydrocarbon. In 1992, Premcor (then known as Clark Refining & Marketing, a different company than Old Clark) installed a Vapor Control System (VCS) in the northern portion of Hartford to further address the identified problems. The VCS was designed as a soil vacuum extraction (SVE) system, an established remediation technology, to extract petroleum vapors from the unsaturated zone, where residual hydrocarbons are present and from the top of the separate phase LNAPL hydrocarbon floating on the groundwater. Premcor also installed a third product recovery well in Hartford in the early-1990s.

Five monitoring wells (HMW-25 through HMW-29) were installed in December 2003 to assess groundwater quality between the Hartford Well Head Protection Area (WHPA) and the known areas of impacted groundwater related to the LNAPL plume beneath Hartford (Clayton 2004d). The WHPA is the surface area near the two active Hartford municipal water supply wells that may provide recharge to the aquifer over a five-year period (McGuire et al., 2001). These monitoring wells, known as sentinel wells, are located outside the known extent of LNAPL and dissolved phase petroleum hydrocarbons in Hartford.

One new soil vapor extraction well (HSVE-1) was also installed in January 2004 as part of a pilot test (Clayton 2004e). The HWG is in the process of upgrading the VCS with

the installation of new SVE wells (HSVE-series) in the summer of 2004. These HSVE wells were connected to the existing VCS piping in October and November 2004, and will become operational when the new blowers and thermal treatment units become operational in early 2005. The locations of the mobile LNAPL hydrocarbon recovery wells and the wells (VCB- and new HSVE-series) associated with the VCS and the pilot test are shown in Figure 2-3.

2.3 CURRENT PHYSICAL SETTING INTERPRETATION

The geologic and hydrogeologic setting of this area has been presented in detail by Clayton (2004c and d). The geographical region around Hartford and other nearby towns is collectively known as the American Bottoms, a shallow valley 30 miles long and 11 miles across at its widest point.

The present landscape and the upper 130 feet of the Hartford area were created by alluvial and glacial processes during the last 125,000 years. The Mississippi River, the dominant creator of this landscape, frequently changed its course during the Pleistocene period. During this period, the valley was filled with sandy glacial outwash known as the Mackinaw Member of the Henry Formation. The Mackinaw sands range from 60 to 150 feet in thickness and comprise what is known as the Main Sand which is the deepest and thickest unconsolidated aquifer (Main Sand Aquifer) underlying the area of Hartford. The Main Sand Aquifer is the primary source for large-quantity water production in the area.

Natural groundwater movement beneath the American Bottoms is westerly, draining from the limestone bluffs (east wall of the valley) located east of Hartford, to the Mississippi River. However, for the past 70 years, the natural movement of groundwater has been altered in the Hartford vicinity due to large-scale industrial water pumpage. Known cones of depression flank the village to the north (BP Amoco) and northeast

(ConocoPhillips). In addition, pumping is conducted at the Premcor facility to the east. In general, the net effect of this drawdown has resulted in local groundwater movement in the Main Sand Aquifer to the north.

The uppermost geologic unit overlying the areally extensive Main Sand is the Cahokia Alluvium of Holocene Age, which consists of sands, silts, and clays of floodplain, channel, and modern river origin. In recent times, the migration of the Mississippi River across the bottomlands has reworked the upper part of the valley fill, while spreading floodwaters deposited silt and clay along the sides of the channel and in backwater areas. The channel migration, cut-and-fill, and flooding have produced complex heterogeneous deposits.

The extents of the various strata and the stratigraphy of the area under investigation, described below, are illustrated by maps and geologic cross-sections. The named strata extent maps (with the exception of the areally extensive Main Sand) are presented as Figures 2-4 through 2-6, while the cross-sections are designated as illustrated in Figure 2-7. The cross-sections are presented in Figures 2-8 through 2-11. The cross-sections have been updated with analytical data to assist in the development of the conceptual site model (CSM).

The alluvial silts and clays overlying the Main Sand generally thicken in an easterly direction from Old St. Louis Road towards North Olive Street. A similar thickening occurs in a northerly direction from Hawthorne Street to Rand Avenue. Three, more permeable units are observed in the alluvial deposits. In descending order, from ground surface, are the North Olive, Rand and EPA Strata which all overlie the Main Sand. The Main Sand extends to bedrock at an estimated depth of approximately 150 feet below ground surface (bgs) in the Hartford area. The North Olive and Rand Strata are primarily identified as silt with the EPA Stratum consisting of sand and silt. The four strata have generally combined into one hydrostratigraphic unit, the Main Sand, south of Watkins

Street. As discussed below, the exact extent and continuity of relatively thin units (such as the EPA, Rand, and North Olive Strata) remain somewhat uncertain because of geologic heterogeneities related to the depositional environment of the area.

The upper portion of the Main Sand consists primarily of fine-grained sand with varying amounts of silt and trace amounts of clay. The Main Sand also contains discontinuous silty clay and clayey silt lenses, ranging up to approximately 10- to 15-feet thick, generally south of Forest Street. The Main Sand hydrostratigraphic unit is present and as shallow as approximately 9 feet bgs in the south end of northern Hartford, near Watkins and Forest Streets. The surface of the Main Sand unit trends down in a northerly direction, towards Rand Avenue, where it is as deep as approximately 45 feet bgs in the northeast section of Hartford. Average depth to the Main Sand is 25 feet bgs. The top of the Main Sand can be encountered from 422 to 385 feet mean sea level (MSL). Analysis of soil samples collected from the unsaturated portion of the Main Sand for the petroleum indicators of benzene, ethylbenzene, toluene, and xylenes (BETX) revealed that levels ranged from 10^0 to 10^5 micrograms per kilogram (µg/kg). The groundwater in the Main Sand appears to become confined in the northern end of Hartford.

The EPA Stratum, which is only found in the northeast section of Hartford, is separated from the Main Sand by a relatively thin silty clay layer in the investigation area. The EPA Stratum merges into the Main Sand to the south of a southeasterly trending line drawn from the Old St. Louis Road and North Delmar Avenue intersection (north of Rand Avenue) to just north of the East Date Street and North Olive Street intersection (Figure 2-4). South of this boundary, the EPA Stratum and Main Sand form one hydrostratigraphic unit. The EPA Stratum extends east of North Olive Street onto the Shell Tannery property and the Premcor facility.

Observations and analysis of the EPA, which appears to be similar to the upper portion of the Main Sand, indicate the stratum is composed primarily of sand with lesser amounts of

silt and trace clay. The surface of the EPA Stratum underlying Hartford ranges from approximately 30 to 41 feet bgs. The EPA Stratum ranges from approximately 5 to 8 feet thick within and north of Hartford. The EPA Stratum is saturated and the groundwater appears to become confined to the northeast of Hartford. No chemical analysis of soil samples from the EPA Stratum was conducted as the stratum was saturated.

The Rand Stratum appears to extend across the majority of the northern portion of Hartford from approximately Rand Avenue south to Date Street (Figure 2-5). The Rand Stratum extends east of North Olive Street onto the Shell Tannery property between Rand Avenue and East Date Street. However, it is not observed on the Premcor facility, as it appears to pinch-out south of East Date Street. The western extents have not been well defined beyond Old St. Louis Road. To the south of Date Street, in Hartford, the Rand Stratum merges into the Main Sand or pinches out to the south of a southeasterly trending line drawn from the Old St. Louis Road and West Date Street intersection to just north of the East Watkins and North Olive Street intersection. South of this boundary, the Rand Stratum and Main Sand form one hydrostratigraphic unit. The Rand Stratum appears to be composed of less permeable deposits than the underlying Main Sand and EPA Stratum. Observations and analysis indicate the Rand is composed primarily of silt with lesser amounts of clay and trace amounts of sand. The Rand Stratum is present at depths ranging from 19 to 30 feet bgs in the area of investigation. The Rand Stratum ranges in thickness up to approximately 11.5 feet, with an average thickness of 6 feet. The BETX concentrations of soil samples from the Rand Stratum ranged from 10^1 to 10^6 µg/kg. The groundwater within the Rand Stratum appears to become confined in the northeastern portion of Hartford though this was the only area in Hartford that was saturated.

The North Olive Stratum blankets the majority of the northern portion of Hartford extending, from just north of Rand Avenue south to Date Street (Figure 2-6). The North Olive Stratum continues along the Old St. Louis Road and North Olive Street corridors south of Date Street. However, it is absent in the central portion of Hartford south of

Date Street. The western extents have not been defined beyond Illinois State Route 3. It appears to pinch-out slightly east of North Olive Street between Rand Avenue and East Cherry Street. The eastern extents, between East Cherry and East Maple Streets, extend into the western portion of the Premcor facility. As with the Rand, the North Olive Stratum is composed primarily of silt with lesser amounts of clay and trace sand. The structural surface of the North Olive Stratum ranges from 9 to 19 feet bgs in the area of investigation. The North Olive Stratum ranges up to approximately 10 feet thick; however, it generally ranges from approximately 2 to 4 feet thick (with the exception of the eastern edge of Hartford). Here it ranges up to approximately 10 feet thick near North Olive Street between East Forest and East Watkins Street and remains up to approximately 6 feet thick as far north as East Cherry Street. BETX concentrations of soil samples from the North Olive Stratum ranged from 10^1 to 10^5 µg/kg. The groundwater within the North Olive Stratum appears to consist of isolated areas of perched water.

The clay stratum, overlying the North Olive Stratum, ranges from approximately 8 to 16 feet thick across Hartford. The clay stratum thins to approximately 8 feet along North Olive Street and Old St. Louis Road. The clay thickens to approximately 14 feet thick near West Cherry Street. The clay above the North Olive Stratum contained BETX concentrations ranging from 10^{-1} to 10^5 µg/kg.

The alluvial clay and silt, including the North Olive, Rand and EPA Strata, overlying the Main Sand ranges as thin as approximately 8 to 12 feet, in the southern end of northern Hartford in the vicinity of Forest Street. It thickens in the northern portions of Hartford reaching approximately 37 to 45 feet.

2.4 GROUNDWATER FLOW MAPPING

Groundwater gauging events have been conducted throughout 2004. A review of the quarterly data is presented to provide a seasonal perspective of groundwater flow in Hartford. This includes the January 2004 gauging (Clayton 2004f) and the April, July and October 2004 sentinel well monitoring events (Clayton 2004g, h, and in-progress). Also included is the recently completed November 2004 gauging event. As new wells were installed during the summer of 2004 or certain wells were not accessible during some gauging events, the groundwater flow maps from the quarters prior to October were developed from a more limited data set. For example, the North Olive Stratum did not contain any monitoring wells until this summer. To date, the groundwater flow regime has not been defined south of Hawthorne Street in Hartford.

Groundwater and separate phase LNAPL hydrocarbon-gauging data (if any) from 2004 is summarized in tables contained in Appendix A. Appendix A also contains tables providing the results of the most recent gauging for the Shell wells and the wells on the Premcor facility. The Shell and Premcor wells are primarily located northeast and east of Hartford, respectively.

The well gauging events were conducted to determine groundwater depths and apparent separate phase LNAPL hydrocarbon thickness (if present) in order to determine groundwater flow directions and delineate the current horizontal extent of the mobile LNAPL. Temporal variability (including precipitation and Mississippi River-stage height) will influence data gathered from gauging events. Therefore, continued gauging needs to be conducted to evaluate these effects.

New and existing Hartford wells, along with Premcor and Shell wells, were used to develop the groundwater flow maps of the Main Sand. Shell and Hartford wells were used to develop the groundwater flow maps of the EPA and Rand Strata, while only

Hartford wells were used to create a North Olive Stratum groundwater elevation map. As discussed in previous reports (Clayton 2004f), the Premcor and the Shell wells, originally surveyed to a different datum than the Hartford wells, have been adjusted to match the United States Geological Survey (USGS) datum used for the Hartford wells.

The 2004 maps of the Main Sand show the groundwater flow direction is consistently northerly with varying easterly and westerly components (Figures 2-12 through 2-16). This overall northerly groundwater flow direction is consistent with historical interpretations. Throughout 2004, the flow direction was noted to have a westerly component with the exception of July 2004, which revealed an easterly component. The observed easterly component was apparent when the Mississippi River stage was at approximately 407 feet MSL with the westerly flow component present when the stage ranged from approximately 399 to 402 feet MSL. The Mississippi River stage data is measured at the Mel Price Tailwater (TW) Alton, Illinois gauging station (US Army Corps of Engineers, 2004). Average groundwater horizontal gradients observed in the quarterly and November 2004 observations of the Main Sand range from 0.0011 (January 2004) to 0.0013 (July 2004). Additional hydraulic gradient information is provided in Table 2-1.

The 2004 maps of the EPA Stratum indicate the groundwater flow direction is highly variable (Figures 2-17 through 2-21). The groundwater flow in January 2004 was identified as southwesterly towards Hartford. A hinge line was identified in April, July and November 2004. The hinge trended along a northwest/southeast axis in April and November and an east/west axis in July. Groundwater to the south of the hinge was identified as flowing in a southwesterly direction towards Hartford while north of the hinge, the identified flow direction was north/northwest. The identified flow direction in October 2004 was northwesterly with no indication of a hinge observed. The Mississippi River did not appear to exert a significant influence on the observed groundwater flow in the EPA Stratum. In part, the groundwater flow direction variability is believed to be due

to gauging limited, and occasionally, different well sets during the course of 2004. In the future, well gauging is to be conducted at all of the identified wells in the EPA Stratum including those recently completed in 2004. However, further evaluation over time is needed, as this is not believed to account for all of the observed variability. This evaluation will include potential structural controls on groundwater flow. In addition, transducers will be placed in select wells near the hinge for continuous water level recording.

The maps of the Rand Stratum also indicate some variability in the groundwater flow direction (Figures 2-22 through 2-26). The groundwater flow in January, April and July 2004 was identified as generally northeasterly away from Hartford. These maps also were limited to Shell wells north of Rand Avenue, as no Rand Stratum wells had been installed within Hartford until the summer of 2004. The October 2004 map revealed a northwest/southeast trending mound near the intersection of North Olive Street and East Rand Avenue. Groundwater to the south of the mound was identified as flowing towards Hartford while groundwater north of the mound flowed in a northeasterly direction away from Hartford. The November 2004 map revealed a similar northwest/southeast hinge as in the EPA Stratum. Groundwater to the south of the hinge was identified as flowing in a southwesterly direction. However, north of the hinge, a slight groundwater depression was observed on the Shell Rand Avenue release area. Again, the Mississippi River did not appear to exert a significant influence. In the future, well gauging is to be conducted at all of the identified wells in the Rand Stratum. As with the EPA Stratum, continued evaluation over time is needed to better understand groundwater flow in the Rand Stratum. This will also include potential structural controls. In addition, transducers will be placed in select wells near the hinge for continuous water level recording.

No wells had been installed in the North Olive Stratum until the summer of 2004. The October and November 2004 well gauging revealed only 11 and 15, respectively, of the 34 monitoring points situated in this unit actually contained groundwater (Figures 2-27

and 2-28). The points that contained water were generally scattered throughout Hartford. The review did not indicate the continuous presence of groundwater throughout the North Olive Stratum. The measured groundwater in these wells is considered to represent localized areas of perched water that are potentially seasonal or more ephemeral. Therefore, only elevation maps were created for the North Olive Stratum that simply presents the groundwater elevation data.

In general, the LNAPL plume in the Main Sand, gauged in October and November 2004, continues to show the extent of the plume is defined. Small, apparently localized, areas of separate phase LNAPL hydrocarbon were found in both the EPA and Rand Strata, in October 2004, with one in each. No separate phase LNAPL hydrocarbon was observed in the North Olive Stratum. The gauged extent of the October and November 2004 LNAPL hydrocarbon plume within the Main Sand in Hartford is presented in Figures 2-29 and 2-30 with the interpreted October and November 2004 LNAPL hydrocarbon plume extents within the EPA and Rand Strata shown in Figures 2-31 through 2-34.

3.0 PRIOR SUBSURFACE INVESTIGATION RESULTS

In January and February 2004, Clayton (2004f) conducted a Cone Penetration Testing/ Rapid Optical Screening Tool (CPT/ROST) investigation in Hartford. This investigation included 66 CPT/ROST borings continuously logged to termination depths ranging from approximately 31 to 76 feet bgs, with the majority being greater than 50 feet bgs. The ROST Laser-Induced Fluorescence technology provides data on the in-situ distribution of petroleum hydrocarbons. It presents a screening of the relative LNAPL hydrocarbon present in the soil matrix throughout the vadose, capillary fringe, and saturated zones. However, the ROST cannot identify dissolved phase hydrocarbons. The ROST data was reviewed for this Plan.

The review focused on determining the vertical extent of identified LNAPL, both residual and mobile, at the ROST borings. As the Main Sand is the source of water for the Hartford municipal wells, the review concentrated on this stratum. In general, the saturated zone of the Main Sand is at approximately 30 feet bgs. Table 3-1 presents the ROST-response depths in the Main Sand within Hartford.

The ROST data revealed that the greatest ROST-response depth in the Main Sand was identified at approximately 58 feet bgs (approximately 375 feet MSL) near the intersection of North Delmar Avenue and West Elm Street (HROST-36). The average depth of the deepest identified ROST-response in the Main Sand was approximately 43 feet bgs. A review of the existing probes/wells surrounding the LNAPL plume reveal that the average screen depth ranges from approximately 28 to 41 feet bgs. The sentinel wells are generally screened at depths ranging from approximately 24 to 39 feet bgs. As the mobile LNAPL plume is at the surface of the saturated zone in the Main Sand, the sentinel wells, which span the saturated surface of the Main Sand, are positioned to detect potential impact from the LNAPL plume. In light of the phenomena of dispersion, the

depths of the sentinel wells are considered sufficient to detect impact from non-mobile LNAPL below the surface of saturated zone in the Main Sand.

4.0 SOIL VAPOR AND GROUNDWATER ANALYSIS RESULTS

ENSR has completed a series of soil vapor sampling events as part of concurrent investigative activities in Hartford, (ENSR 2004a). Clayton has conducted sampling and groundwater analyses of new monitoring wells, recently installed as part of the mobile LNAPL hydrocarbon plume delineation in Hartford (Clayton 2004c). The sampling was only conducted at wells that did not contain LNAPL.

4.1 AUGUST/SEPTEMBER 2004 SOIL VAPOR ANALYSIS RESULTS

ENSR completed soil vapor sampling from vapor monitoring ports and monitoring probes during August and September 2004 to determine vapor concentrations (ENSR 2004a). Clayton's review was limited to only those vapor sampling locations beyond the extents of the mobile LNAPL hydrocarbon plume as any data from ports within the plume are assumed to be primarily impacted by the mobile LNAPL hydrocarbon rather than dissolved phase hydrocarbons. Twenty of the locations were outside, and predominantly south of the mobile LNAPL plume (Figure 4-1). In this area, the Main Sand is the only saturated stratum.

ENSR (2004a) subdivided the Main Sand into lower and upper zones dependent upon the depth of the vapor port. Ports identified in the lower Main Sand were placed above the saturated zone while those identified in the upper Main Sand were located at shallower depths near the overlying silty clay stratum contact. Several volatile organic compounds (VOC) constituents were identified in the samples, however, benzene and isopentane results are considered appropriate indicators for a discussion of LNAPL hydrocarbon impacted soil vapor.

The benzene and isopentane concentrations in the lower Main Sand ranged from 0.76 to 5,200 and 4 to 7.2 x 10^6 parts per billion per volume (ppbv), respectively (Figure 4-1).

The benzene and isopentane concentrations in the upper Main Sand ranged from <0.8 to 1.9×10^6 and 3 to 62×10^6 ppbv, respectively (Figure 4-1). The concentrations of both constituents within both the upper and lower Main Sand were highest between East Watkins and East Maple Streets, nearest the identified mobile LNAPL plume. The concentrations decreased markedly south of East Maple Street. Concentrations of both parameters were also substantially lower to the southwest and west of the mobile LNAPL plume. ENSR has submitted a work plan to conduct additional soil vapor sampling to fill data gaps identified by the previous soil vapor surveys.

4.2 OCTOBER/NOVEMBER 2004 GROUNDWATER ANALYSIS RESULTS

Groundwater samples were collected by Clayton, using the low flow sampling technique, from the five sentinel monitoring wells (HMW-25 through HMW-29) discussed in Section 2.2 along with 21 new wells, also free of LNAPL, that were installed in summer 2004. The samples were collected in accordance with previously submitted Standard Operating Procedures (SOPs) (Clayton 2004d). The samples were collected in late-October 2004 with the only exception (HMW-52C) being sampled in early November 2004, as it could not be accessed in October due to vapor control system upgrade activities. In addition to the sentinel wells, 17 of the 21 new wells were in the Main Sand with two wells in both the EPA and Rand Strata. Table 4-1 presents a list of the sampled wells. Electronic copies of the chemical laboratory analytical reports were transmitted to the U.S. EPA and the Illinois Environmental Protection Agency (Illinois EPA), as they were received from the laboratory. Paper copies of the laboratory analytical reports are maintained at Clayton's office in Downers Grove, Illinois.

The samples were analyzed for the "Skinner List" of hydrocarbons. Specifically, the samples were analyzed for the following parameters: VOCs (including methyl tertiary butyl ether [MTBE] and ethylene dibromide [EDB]); 1,4-dioxane; semi-volatile organic

compounds (SVOCs) including polynuclear aromatic hydrocarbons; metals; and general chemistry parameters including cyanide.

The “Skinner List” of parameters, the practical quantitation limits (PQLs), and the analytical methods are presented in Table 4-2. The containers with applicable preservation requirements (if appropriate) for each parameter are presented in Table 4-3. The groundwater analytical results for October/November 2004 (not including the five sentinel wells) are presented in Table 4-4. The groundwater analytical results for October 2004 from the five sentinel wells are presented in Table 4-5. The analytical results revealed a variety of constituents. Figure 4-1 presents the results of the primary LNAPL indicator parameters, specifically, BETX, MTBE and SVOCs along with arsenic and lead.

The Main Sand groundwater results revealed BETX concentrations that ranged from undetected (nine wells) to approximately to 12 milligrams/liter (mg/L) (HMW-38C). Of the nine wells with no detectable BETX, five were the sentinel wells (HMW-25 through HMW-29) that are located south of, and between, the LNAPL plume and the Hartford municipal wells. Three of the four remaining wells (MP-65C, MP-66C and MP-67C) with no detectable BETX were also south of, and between, the LNAPL plume and the Hartford municipal wells. The remaining well (HMW-39C) is located west of the northern portion of the LNAPL plume. Wells further south of the southern boundary of the LNAPL plume reveal decreasing BETX concentrations with increasing distance. The sentinel wells, located furthest to the south of the LNAPL plume, show no evidence of BETX. A decreasing SVOC concentration trend with increasing distance from the southern boundary of the LNAPL plume was also observed.

The groundwater data set in both the Rand and EPA Strata is limited. The EPA Stratum results revealed BETX concentrations that ranged from undetected (HMW-50B) to approximately 20 mg/L (HMW-49C). The Rand Stratum results revealed no detectable

BETX concentrations in either well (HMW-39B and HMW-50A). Currently, no wells in the North Olive Stratum have been sampled.

MTBE was detected in only three of the wells sampled: HMW-49C (screened in the EPA Stratum), HMW-49D (screened in the Main Sand) and HMW-50C (screened in the Main Sand). HMW-49C and D are located north of the LNAPL plume and HMW-50C is east of the LNAPL plume. The MTBE concentrations decreased with increasing depth at HMW-49C and D with the highest level in the EPA Stratum (0.223 mg/L) while the underlying Main Sand was an order of magnitude lower (0.032J mg/L) in concentration. An estimated concentration of MTBE (0.0009J mg/L) was detected in HMW-50C. Monitoring for MTBE will be continued.

Neither the arsenic nor the lead results appeared to be significant indicator parameters in relation to the LNAPL plume. However, further evaluation will continue.

5.0 GROUNDWATER INVESTIGATION WORK SCOPE

A determination of the status of the dissolved phase hydrocarbon plume is a prerequisite to enhancing the Conceptual Site Model (CSM) and designing an effective remedial approach. As discussed by Clayton (2004d), following the completion of the LNAPL/Free-Phase Hydrocarbon (FPH) investigation, the process of conducting additional groundwater investigations to define the extent of dissolved phase petroleum hydrocarbons will be initiated. This determination will include all identified groundwater bearing permeable strata. The additional investigation will also address data gaps identified concerning groundwater flow patterns and the understanding of the geology and hydrogeology underlying the northern portion of Hartford.

An immediate goal of the dissolved phase groundwater investigation is to identify areas where vapor intrusion from dissolved phase constituents could potentially impact residential homes. An additional immediate goal is the delineation of the dissolved phase plume in the direction of the municipal water supply wells.

The recent soil vapor and groundwater analytical data, presented in Section 4.0, was reviewed with a wider perspective dictated by the fact that the soil vapor data points do not always coincide with the groundwater data locations. However, given the degree of correspondence between the physical area encompassed by both the soil vapor and the groundwater data, it is clear that simple qualitative trend correlations can be made between the analytical results from the two mediums. Specifically, the soil vapor and groundwater data show that concentrations of indicator parameters generally increase and decrease in tandem. As noted in the East Watkins Street vicinity, which appears to be the southernmost extent of the LNAPL plume, the BETX concentrations in the groundwater and the benzene and isopentane levels in the soil vapor are both higher relative to the furthest southern reaches of the dissolved phase hydrocarbon plume (Figure 4-1).

It is noted that in areas beyond the dissolved phase plume there are locations where there is no detectable BETX in the groundwater but benzene and isopentane are detected in the soil vapor. For example, the October 2004 sentinel well results, along with the three previous quarters of sentinel well data, did not reveal any detectable BETX concentrations. However, soil vapor results from vapor monitoring ports near the sentinel wells generally revealed detectable levels of both benzene and isopentane in the 10^0 to 10^2 ppbv range (Figure 4-1). Based on the absence of any detectable BETX in the groundwater and the northerly groundwater flow direction, the detected benzene and isopentane in the soil vapor do not appear to be associated with the groundwater. These soil vapor concentrations are believed to be the result of diffusion through the unsaturated zone whether from the LNAPL plume or from another potential source such as the former service station leaking underground storage tank site (LUST) at the northeast corner of the intersection of East Hawthorne Street and North Delmar Avenue (Clayton 2004i). As noted above, ENSR has submitted a work plan for conducting additional soil vapor sampling. Some of their locations include the area between the sentinel wells and the municipal supply wells.

To the north and west of the LNAPL plume, little groundwater or other data exists. However, there are also no residential receptors in these areas. The area available to further dissolved-phase hydrocarbon investigation is relatively limited in size because much of this area is controlled by others and governed by other regulatory programs administered by the Illinois EPA. Results of investigations of adjacent areas, overseen by the Illinois EPA, will be incorporated into the development of the conceptual site model.

The following sections describe the approach and techniques that will be employed to conduct this investigation.

5.1 DIRECT PUSH MULTI-LEVEL GROUNDWATER INVESTIGATION

The groundwater investigation will consist of direct push borings at select locations and is primarily based on the findings presented above in Section 4.0. The planned investigation area is primarily south (vicinity of Hawthorne Street corridor), west (vicinity of Old St. Louis and Alton Road corridor), and northwest of the existing mobile LNAPL plume underlying Hartford. The proposed locations are presented in Figure 5-1. Locations may be adjusted based on the result of the additional soil vapor survey being conducted by ENSR. Additionally, actual boring locations will be determined based on accessibility, clearances for utilities, and other field conditions.

A series of 32 direct push multi-level groundwater sample locations are currently identified to determine the magnitude and extent of the dissolved phase hydrocarbons in Hartford. Included are 16 locations, which are expected to indicate the presence of dissolved phase hydrocarbons as they are within the currently identified dissolved phase plume. These locations are primarily intended to provide vertical definition of the magnitude and extent of the dissolved phase plume near the LNAPL plume. These locations are also intended to enhance the understanding of shallow Main Sand groundwater conditions within the dissolved phase plume in areas where analytical data has not been previously obtained. An additional 16 locations are intended to provide the magnitude and extent of the dissolved phase hydrocarbons in areas where dissolved phase hydrocarbons have not been delineated. Additionally, seven locations are proposed as potential step-out sampling points dependent upon the findings of the other investigation locations.

The discrete vertical sampling of any location is dependent upon the findings of the subsurface investigation. Specifically, if the identified more permeable units (e.g., the North Olive, the Rand, and the EPA Strata and the Main Sand) are encountered and determined to be saturated, but free of mobile LNAPL, at any location, then samples are

to be obtained to identify potential dissolved phase hydrocarbons within each strata. In addition, discrete vertical sampling will continue within the Main Sand to determine whether dissolved phase hydrocarbons are present at depth within this stratum. The initial sampling depth within the Main Sand will be at the surface of the saturated zone, which is estimated at approximately 30 feet bgs. Deeper Main Sand sampling intervals are proposed at approximately 50 feet and 70 feet bgs. However, the Main Sand sampling depths will be guided by the findings of the investigation. Specifically, if distinctly more permeable or coarser zones are identified in the Main Sand, the groundwater sampling will be skewed to these depths. However, this will be balanced by the need to obtain sufficient vertically distinct samples to identify whether dissolved phase hydrocarbons may be transported at depths below the Main Sand LNAPL plume.

As the primary intent of the investigation is the collection of vertically discrete groundwater samples, subsurface investigation activities are anticipated to be conducted using a CPT rig. Clayton (2004f) used this technique to effectively collect groundwater samples during an investigation in the first part of 2004. In light of the ability to obtain ROST data simultaneously with CPT data, as discussed in Section 3.0, Clayton proposes to also collect ROST data at the proposed groundwater sampling locations. The ROST technology would be applied over the entire vertical extent of the boring. All borings will be continuously sampled or analyzed to determine the soil stratigraphy using an electronically instrumented probe, which measures tip resistance, friction ratio, and pore pressure. Soil stratigraphy will be classified using *Campanella and Robertson's Simplified Soil Behavior Chart* (Robertson and Campanella 1983). Additional sampling details are provided in SOP 120 (Clayton 2004d). This SOP may be modified based on field conditions.

The CPT rig is anticipated to be used to collect groundwater samples using a discrete sample direct-push method. Groundwater sampling is expected to be conducted using a standard groundwater sampler consisting of an approximately 1.5-foot stainless steel

screen with a retractable sheath that is attached to the rods and advanced to the desired depth. Groundwater will be collected with an appropriate sampling device lowered inside the sampler.

Decontamination activities will be conducted adjacent to the boring location, and no soil cuttings will be produced due to the nature of the proposed method. The boring locations will be abandoned by sealing with bentonite grout or bentonite upon completion.

The groundwater samples will be analyzed for the dissolved phase hydrocarbon indicator parameters of BETX. The samples will be analyzed using USEPA Method 8260. Given the need for potential step out locations, some samples will be analyzed on an expedited turnaround time to enable rapid field decisions. At the potential step-out locations identified in Figure 5-1, the criteria used to decide if the step-out location is required will be based on Illinois Class I Groundwater Quality Standards. If any of the BETX compounds exceeds its respective Class I Groundwater Quality Standard at a planned direct push groundwater sample location, then the identified step-out location on Figure 5-1 will be completed.

The CPT/ROST results and the groundwater analytical results will be evaluated and additional monitoring wells and potentially additional vapor monitoring ports will be recommended, as appropriate.

5.2 MONITORING WELL GROUNDWATER SAMPLING

Quarterly groundwater sampling of the sentinel wells has been ongoing for the past year. In the fall of 2004, selected additional monitoring wells (installed as part of the separate phase LNAPL hydrocarbon investigation) were included with the sentinel well sampling. Quarterly groundwater sampling from existing monitoring wells without LNAPL will continue to enhance the understanding of dissolved phase hydrocarbon impacted

groundwater. This will include sampling wells screened not only in the Main Sand but also the EPA Strata, the Rand Strata and, if groundwater is present in sufficient quantity, the North Olive Strata. The proposed wells to be sampled are listed in Table 5-1. The wells, which will include the sentinel wells, are shown in Figure 5-2.

As with past groundwater sampling events, samples are intended to be collected using the low-flow sampling technique. However, this technique may not be possible at shallow locations with slow recharge to the well (i.e. wells screened in the EPA, Rand, and North Olive Strata). If the low flow technique cannot be used in these locations, then the peristaltic pump and/or bailer method will be used as appropriate.

In some instances, there may be a well within the Main Sand separate phase LNAPL plume; however, it may not show evidence of LNAPL. Despite the absence of LNAPL, the well will not be sampled if it is within the LNAPL plume. In those cases, it is clear the groundwater will be significantly impacted and the results will not serve to delineate the dissolved phase hydrocarbon plume. Wells screened in the North Olive, Rand, and EPA Stratum that do not show evidence of LNAPL will be sampled no matter where they are located provided there is a sufficient quantity of water to sample.

The samples will be analyzed for the "Skinner List" of hydrocarbon parameters using the PQLs and analytical methods presented in Table 4-2. Specifically, the samples will be analyzed for the following parameters: volatile organic compounds (VOCs) (including methyl tertiary butyl ether [MTBE] and ethylene dibromide [EDB]); 1,4-dioxane; semi-volatile organic compounds (SVOCs) including polynuclear aromatic hydrocarbons; metals; and general chemistry parameters including cyanide.

Additional groundwater gauging, monitoring, sampling, and decontamination details are provided in SOPs 220, 415 and 500 (Clayton 2004d). These SOPs may be modified based on field conditions.

5.3 PIEZOMETER INSTALLATION NEAR HARTFORD MUNICIPAL SUPPLY WELLS

The HWG also proposes to install a series of piezometers near the municipal supply wells to enhance the understanding of the groundwater flow regime within the central portion of Hartford. These piezometers are intended to assist in determining the influence municipal well pumping has on groundwater flow. Nine locations have been proposed for piezometer installation. Based on Clayton's (2004d) work to date, unconfined (water table) conditions are anticipated in this area. However, to enhance the understanding of the geology in this area, the initial subsurface investigation activities, prior to well installation, are anticipated to be conducted using a cone-penetration testing (CPT) rig.

The piezometers, which will subsequently be installed using a conventional hollow-stem auger drill rig, will generally straddle the identified water table at the time of installation. Selected piezometer locations closest to the municipal wells will be nested to enable evaluation of vertical gradients in addition to horizontal gradients. The piezometers nearest the active municipal wells will be installed at radial distances of approximately 50, 200, 500 feet from the area of the wells. Additional piezometers will be placed as shown in Figure 5-3, which presents the approximate proposed piezometer locations. All new piezometers are intended to be 2-inch ID PVC wells constructed with 0.010-inch screen. As these piezometers are intended to evaluate groundwater elevation conditions that may vary significantly over the course of the year, the screen length of the shallow piezometers will be approximately fifteen feet. Available information indicates the water table may fluctuate up to 10 feet or more in some locations over the course of a year. As the deeper piezometers are intended to provide vertical gradient data, the screen lengths will be approximately two feet to minimize the influence of vertical groundwater gradients within the piezometer.

Each new piezometer will be surveyed by an Illinois-licensed surveyor for horizontal control referenced to Illinois State Plane West Zone NAD 83 (feet) and vertical control

referenced to mean sea level (feet), within Hartford (Madison County) Illinois. The survey is anticipated to be conducted by CMT. This survey will provide a unified horizontal and vertical control database of existing piezometers/wells within Hartford.

Groundwater depths will be measured on a monthly basis (along with the other monthly gauging) in the new piezometers in order to determine horizontal hydraulic gradient and flow directions of groundwater.

Additional monitoring well installation and development details are provided in SOPs 210 and 212 (Clayton 2004d). These SOPs may be modified based on field conditions.

6.0 SCHEDULE

There are three main activities associated with the groundwater investigation: 1) using the direct push method to collect groundwater samples to identify the dissolved phase plume; 2) collecting groundwater samples from existing monitoring wells that do not contain mobile LNAPL; and 3) installation of piezometers in the area of the municipal water supply wells.

The dissolved phase groundwater investigation will be scheduled upon approval by the Agencies (U.S. Environmental Protection Agency and Illinois Environmental Protection Agency). This investigation will require obtaining access to areas controlled by others (i.e., areas north of Rand Avenue and railroad right-of-way) and areas where companies have been reluctant to clear utilities (i.e., Rand Avenue corridor). Therefore, field activities in these areas will not be able to proceed until these access issues are resolved. Work to resolve these issues will proceed while the Agencies are reviewing this work plan.

Given that the piezometers to be installed in the area of the Hartford municipal water supply wells will be installed in Village of Hartford public rights-of-way (access agreement already in place) this work will most likely proceed first. It is expected that the field portion of the piezometers installation can begin within three (3) weeks of receiving approval from the Agencies. The actual start date of the work will be dependent on weather conditions. Installation of the piezometers should be completed within approximately four (4) weeks. After installation, the piezometers will be surveyed for horizontal and vertical control, developed and then be included as part of the monthly monitoring well gauging. The actual length of time to complete the work will be dependent on weather conditions. A figure showing actual locations of the piezometers along with soil boring logs and piezometer construction reports will be provided within six weeks of completing installation.

The direct-push groundwater sampling activities will begin after the access and utility clearance issues have been resolved. Once this work begins, it is expected that the direct push groundwater sampling activities can be completed within six (6) to eight (8) weeks. The actual length of time to complete this work will not only be dependent on weather conditions but also the number of step-out direct push groundwater sampling locations that need to be completed. The results of the direct push groundwater sampling will be used for locating additional monitoring wells, and potentially additional vapor monitoring ports, as appropriate. The results and proposed locations will be provided within six weeks of receiving the final groundwater analytical results.

7.0 REFERENCES

Clayton Group Services, Inc., December 9, 2004a. *Dissolved Phase Groundwater Investigation Letter to United States Environmental Protection Agency.*

Clayton Group Services, Inc., June 28, 2004b. *Work Plan Dissolved Phase Groundwater Investigation, The Hartford Area Hydrocarbon Plume Site, Hartford, Illinois.*

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Clayton Group Services, Inc., January 7, 2004d. *Investigation Plan to Define the Extent of Free Phase and Dissolved Phase Hydrocarbons in the Village of Hartford, Illinois.*

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Clayton Group Services, Inc., April 8, 2004f. *FPH CPT/ROST™ Subsurface Investigation Report and FPH Monitoring Well and Soil Sampling Plan for the Village of Hartford, Illinois.*

Clayton Group Services, Inc., July 12, 2004g. *Sentinel Wells Quarterly Monitoring Report April 2004 for The Hartford Area Hydrocarbon Plume Site, Hartford, Illinois.*

Clayton Group Services, Inc., October 12, 2004h. *Sentinel Wells Quarterly Monitoring Report July 2004 for The Hartford Area Hydrocarbon Plume Site, Hartford, Illinois.*

Clayton Group Services, Inc., October 16, 2003i. *Conceptual Site Model Village of Hartford Work Plan, Hartford, Illinois.*

Clayton Group Services, Inc., in progress. *Sentinel Wells Quarterly Monitoring Report October 2004 for The Hartford Area Hydrocarbon Plume Site, Hartford, Illinois.*

McGuire, M., J. Keller, K. Miller, and S. Esling, 2001. *Delineation of a Well Head Protection Area Hartford, Illinois.*

Robertson, P.K. and Campanella, R.G., 1983. *Interpretation of Cone Penetrometer Tests, Part I Sand*. Canadian Geotechnical Journal, Vol. 20, No. 4, pp 718-733.

United States Environmental Protection Agency, Region 5, Chicago, Illinois. *In the Matter of the Hartford Area Hydrocarbon Plume Site.* (Docket No. R7003-5-04-001).

FIGURES

TABLES

APPENDIX A

GAUGING TABLES

Appendix A-1: **Groundwater Elevations/Apparent Product Thickness – Hartford, Illinois**

Appendix A-2: **Groundwater Elevations/Apparent Product Thickness – Wells Outside of Hartford, Illinois 2004**

Appendix A-3: **Groundwater Elevations/Apparent Product Thickness – Premcor Facility, 2004**

APPENDIX A-1

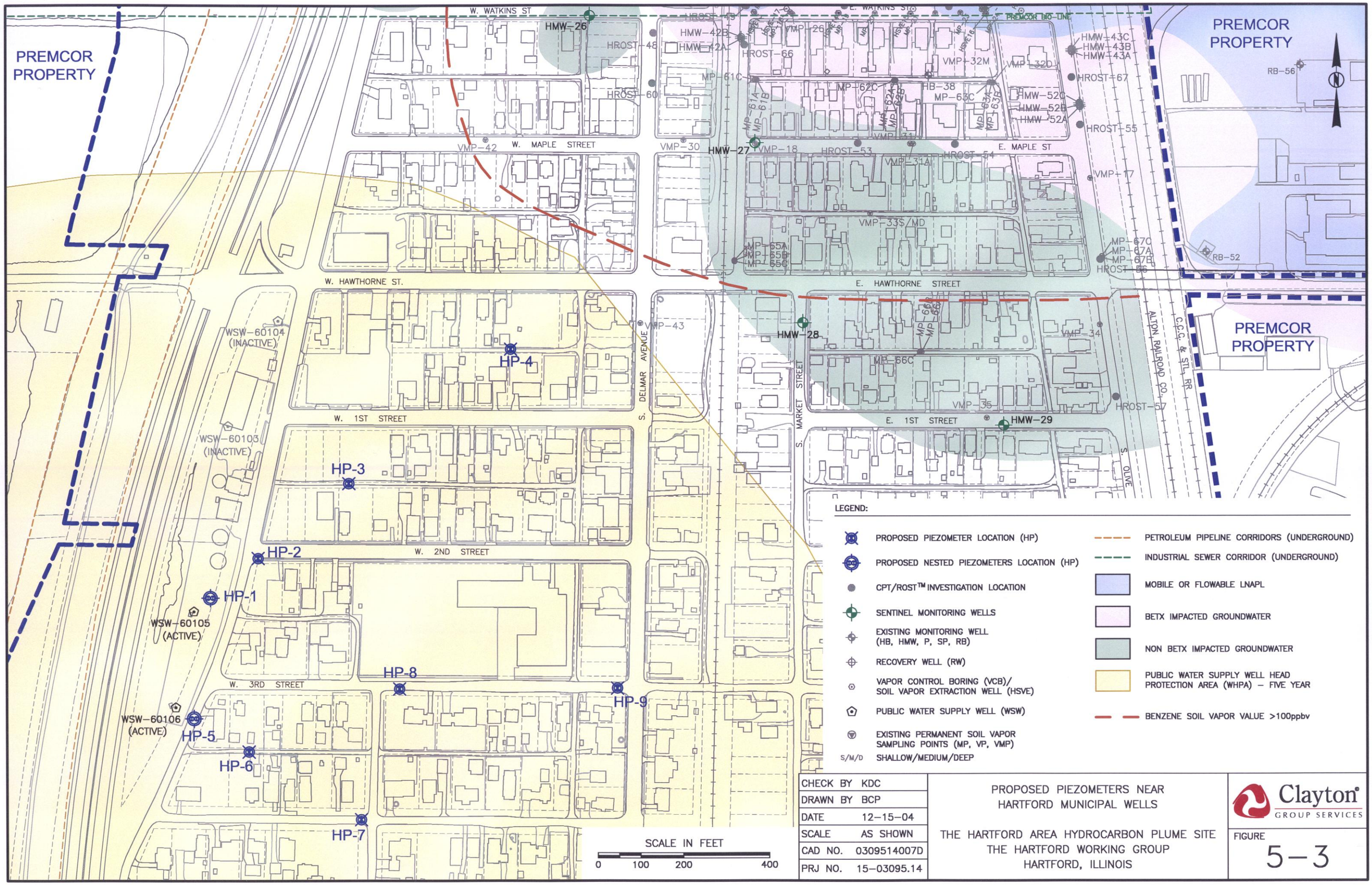
GROUNDWATER ELEVATIONS/APPARENT PRODUCT THICKNESS – HARTFORD, ILLINOIS

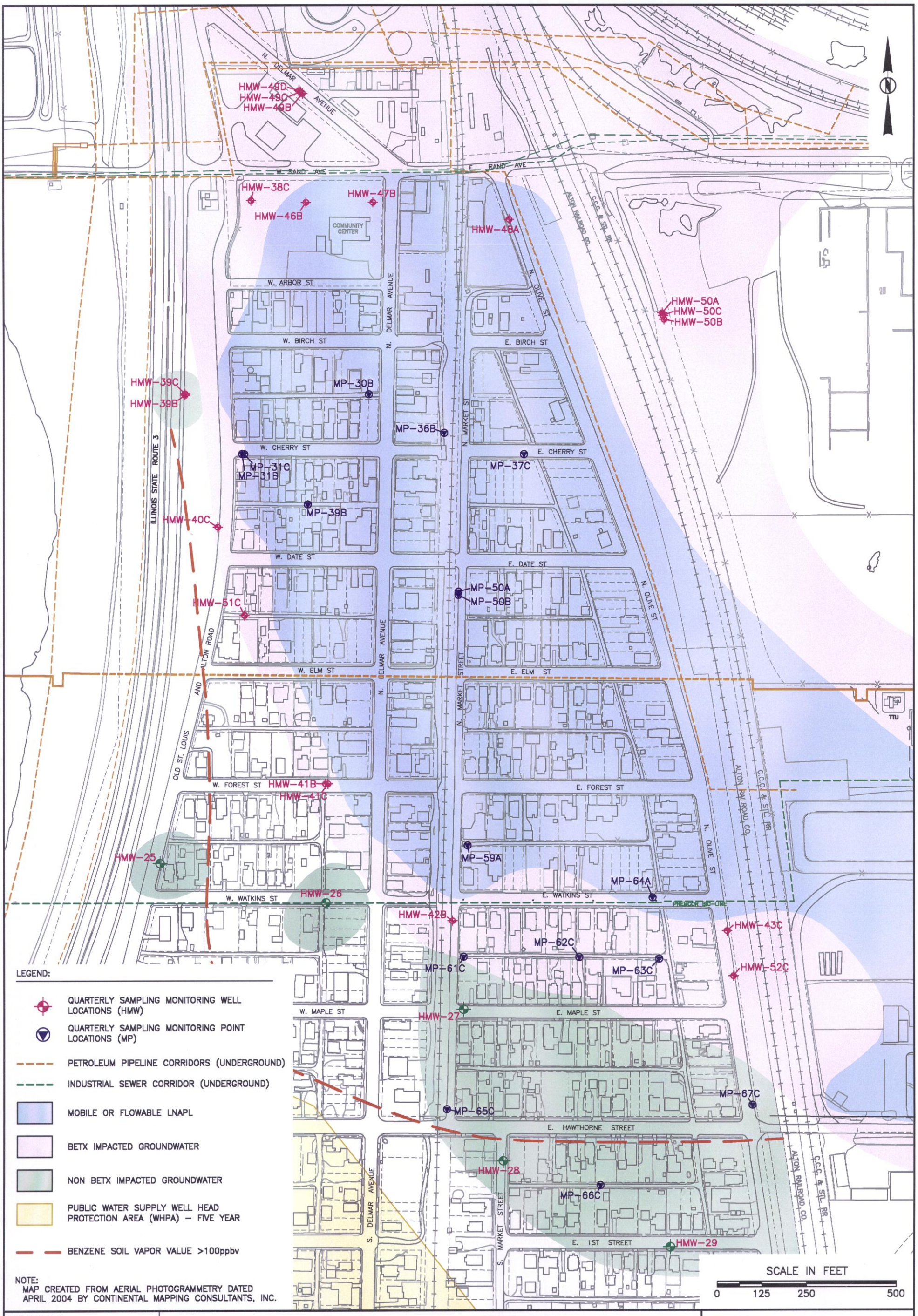
APPENDIX A-2

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

APPENDIX A-3

GROUNDWATER ELEVATIONS/APPARENT PRODUCT THICKNESS – PREMCOR FACILITY, 2004


PREMCOR PROPERTY
PREMCOR PROPERTY
PREMCOR PROPERTY
PREMCOR BIO-LINE
W. WATKINS ST
E. WATKINS ST
W. MAPLE STREET
E. MAPLE ST
W. HAWTHORNE ST.
E. HAWTHORNE STREET
W. 1ST STREET
E. 1ST STREET
W. 2ND STREET
W. 3RD STREET
S. DELMAR AVENUE
S. MARKET STREET
S. OLIVE
ALTON, RAILROAD CO.
C.C.C. & STL. RR.
HMW-26
HMW-27
HMW-28
HMW-29
HP-1
HP-2
HP-3
HP-4
HP-5
HP-6
HP-7
HP-8
HP-9
WSW-60104 (INACTIVE)
WSW-60103 (INACTIVE)
WSW-60105 (ACTIVE)
WSW-60106 (ACTIVE)
HROST-43
HROST-48
HROST-60
HROST-66
HROST-67
HROST-55
HROST-53
HROST-54
HROST-56
HROST-57
HMW-42B
HMW-42A
HMW-43C
HMW-43B
HMW-43A
HMW-52C
HMW-52B
HMW-52A
VMP-26
VMP-32M
VMP-32D
VMP-42
VMP-30
VMP-18
VMP-31
VMP-31A
VMP-17
VMP-33S/MD
VMP-43
VMP-34
VMP-35
MP-61C
MP-62C
HB-38
MP-63C
MP-65A
MP-65B
MP-65C
MP-66C
MP-67C
MP-67A
MP-67B
RB-56
RB-52
LEGEND:
PROPOSED PIEZOMETER LOCATION (HP)
PROPOSED NESTED PIEZOMETERS LOCATION (HP)
CPT/ROST™ INVESTIGATION LOCATION
SENTINEL MONITORING WELLS
EXISTING MONITORING WELL (HB, HMW, P, SP, RB)
RECOVERY WELL (RW)
VAPOR CONTROL BORING (VCB)/ SOIL VAPOR EXTRACTION WELL (HSVE)
PUBLIC WATER SUPPLY WELL (WSW)
EXISTING PERMANENT SOIL VAPOR SAMPLING POINTS (MP, VP, VMP)
S/M/D SHALLOW/MEDIUM/DEEP
PETROLEUM PIPELINE CORRIDORS (UNDERGROUND)
INDUSTRIAL SEWER CORRIDOR (UNDERGROUND)
MOBILE OR FLOWABLE LNAPL
BETX IMPACTED GROUNDWATER
NON BETX IMPACTED GROUNDWATER
PUBLIC WATER SUPPLY WELL HEAD PROTECTION AREA (WHPA) – FIVE YEAR
BENZENE SOIL VAPOR VALUE >100ppbv
SCALE IN FEET
0 100 200 400
CHECK BY KDC
DRAWN BY BCP
DATE 12-15-04
SCALE AS SHOWN
CAD NO. 0309514007D
PRJ NO. 15-03095.14
PROPOSED PIEZOMETERS NEAR HARTFORD MUNICIPAL WELLS
THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS
Clayton GROUP SERVICES
FIGURE
5-3



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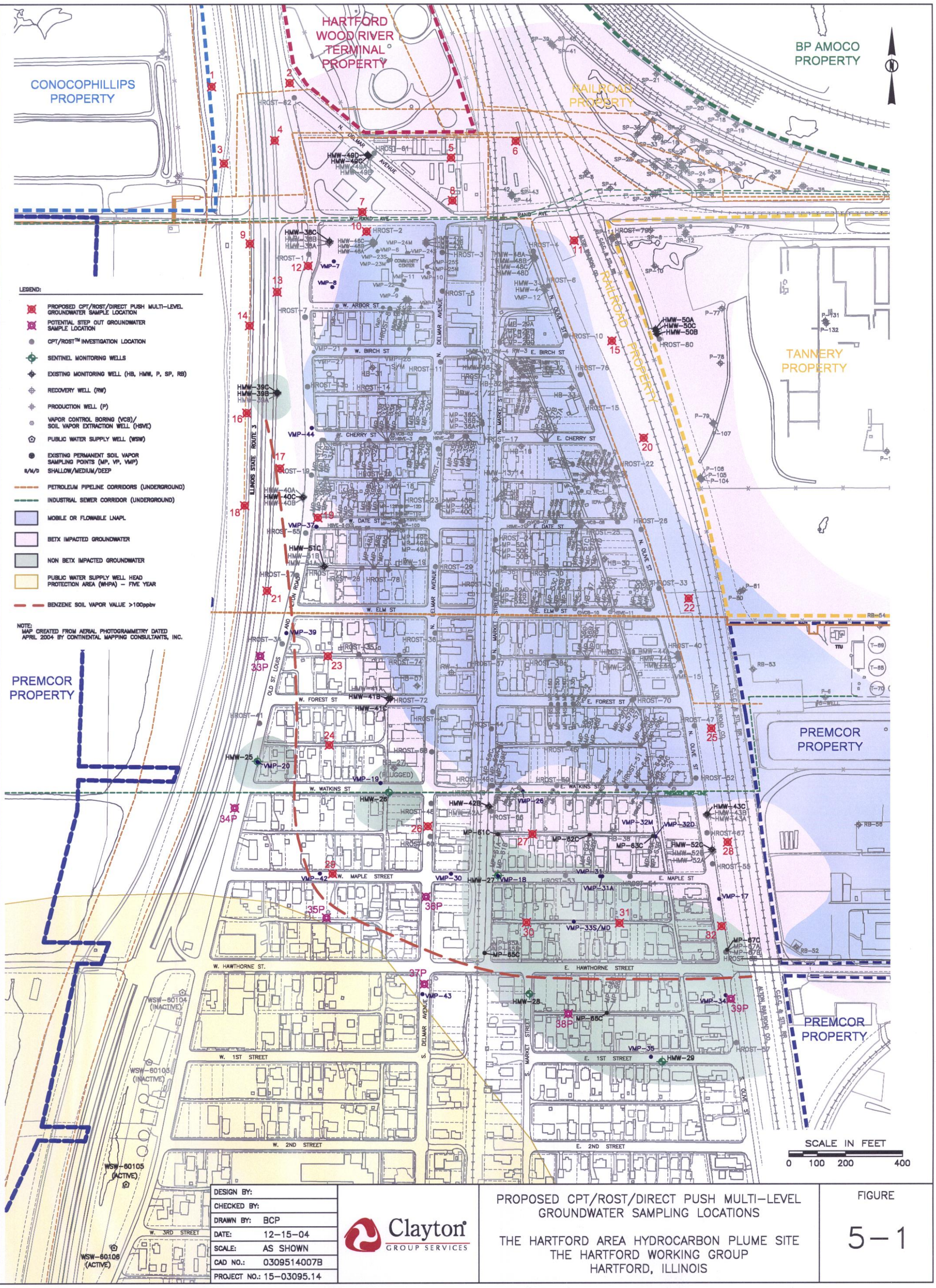
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309514007C
PRJ NO.	15-03095.14

PROPOSED GROUNDWATER MONITORING LOCATIONS TO BE SAMPLED QUARTERLY

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 5-2



DESIGN BY:	
CHECKED BY:	
DRAWN BY:	BCP
DATE:	12-15-04
SCALE:	AS SHOWN
CAD NO.:	0309514007B
PROJECT NO.:	15-03095.14

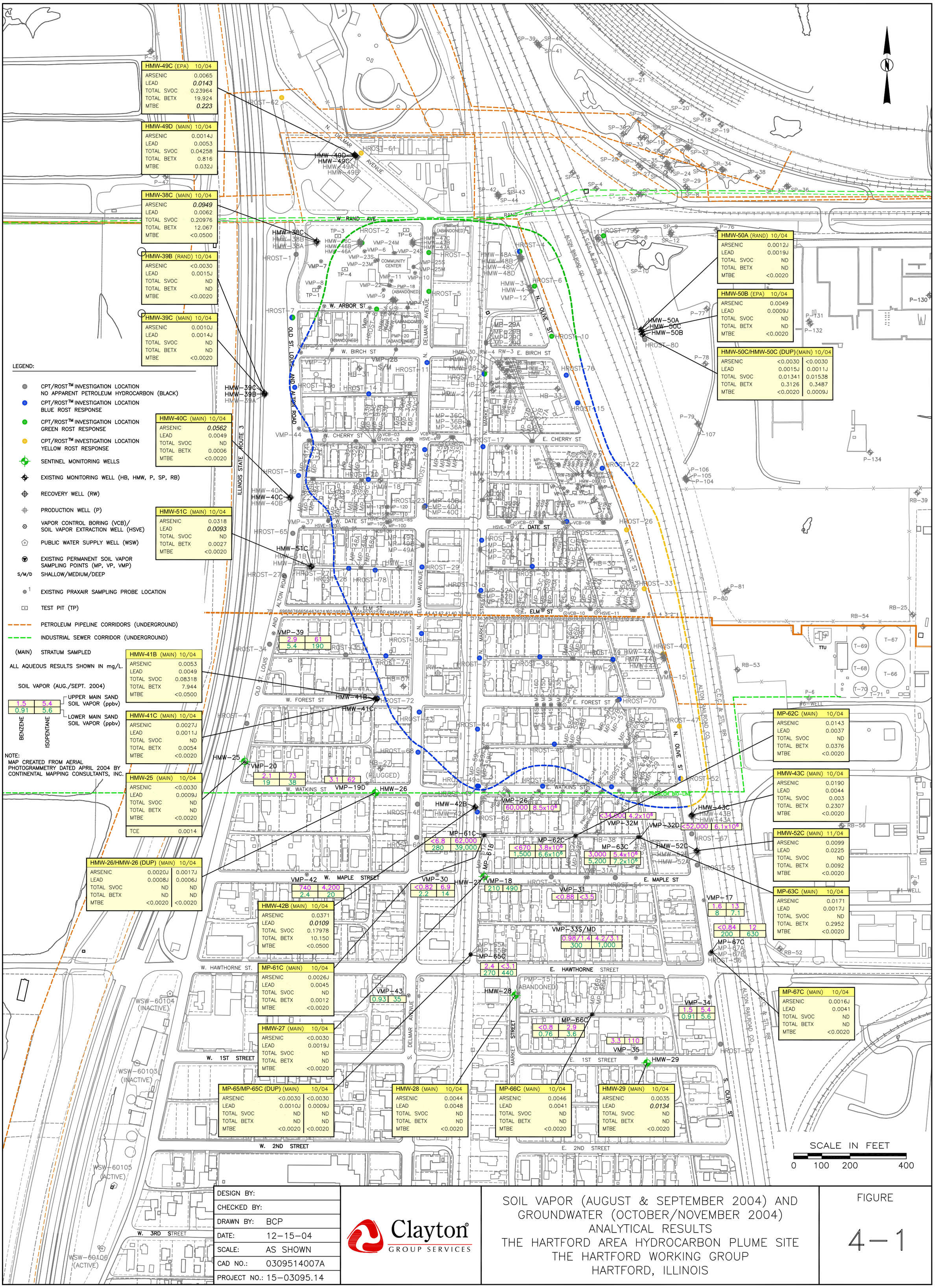
Clayton GROUP SERVICES

PROPOSED CPT/ROST/DIRECT PUSH MULTI-LEVEL GROUNDWATER SAMPLING LOCATIONS

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

FIGURE

5-1



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CHECKED BY:	
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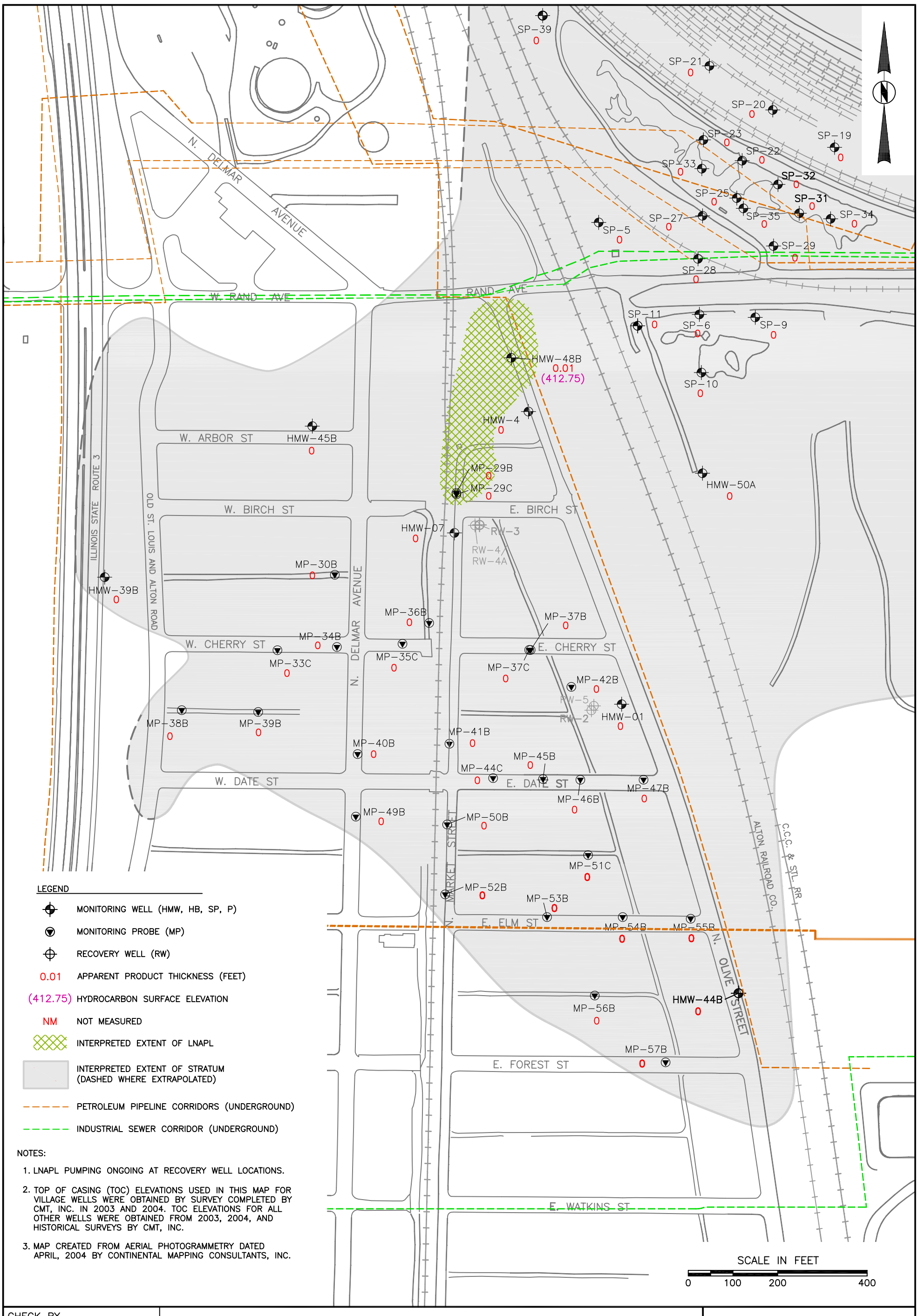
DATE:	12-15-04
SCALE:	AS SHOWN
CAD NO.:	0309514007A
PROJECT NO.:	15-03095.14

Clayton GROUP SERVICES

SOIL VAPOR (AUGUST & SEPTEMBER 2004) AND GROUNDWATER (OCTOBER/NOVEMBER 2004) ANALYTICAL RESULTS
THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

FIGURE
4-1



LEGEND

- MONITORING WELL (HMW, HB, SP, P)
- MONITORING PROBE (MP)
- RECOVERY WELL (RW)
- 0.01 APPARENT PRODUCT THICKNESS (FEET)
- (412.75) HYDROCARBON SURFACE ELEVATION
- NM NOT MEASURED
- INTERPRETED EXTENT OF LNAPL
- INTERPRETED EXTENT OF STRATUM (DASHED WHERE EXTRAPOLATED)
- PETROLEUM PIPELINE CORRIDORS (UNDERGROUND)
- INDUSTRIAL SEWER CORRIDOR (UNDERGROUND)

NOTES:

1. LNAPL PUMPING ONGOING AT RECOVERY WELL LOCATIONS.
2. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP FOR VILLAGE WELLS WERE OBTAINED BY SURVEY COMPLETED BY CMT, INC. IN 2003 AND 2004. TOC ELEVATIONS FOR ALL OTHER WELLS WERE OBTAINED FROM 2003, 2004, AND HISTORICAL SURVEYS BY CMT, INC.
3. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

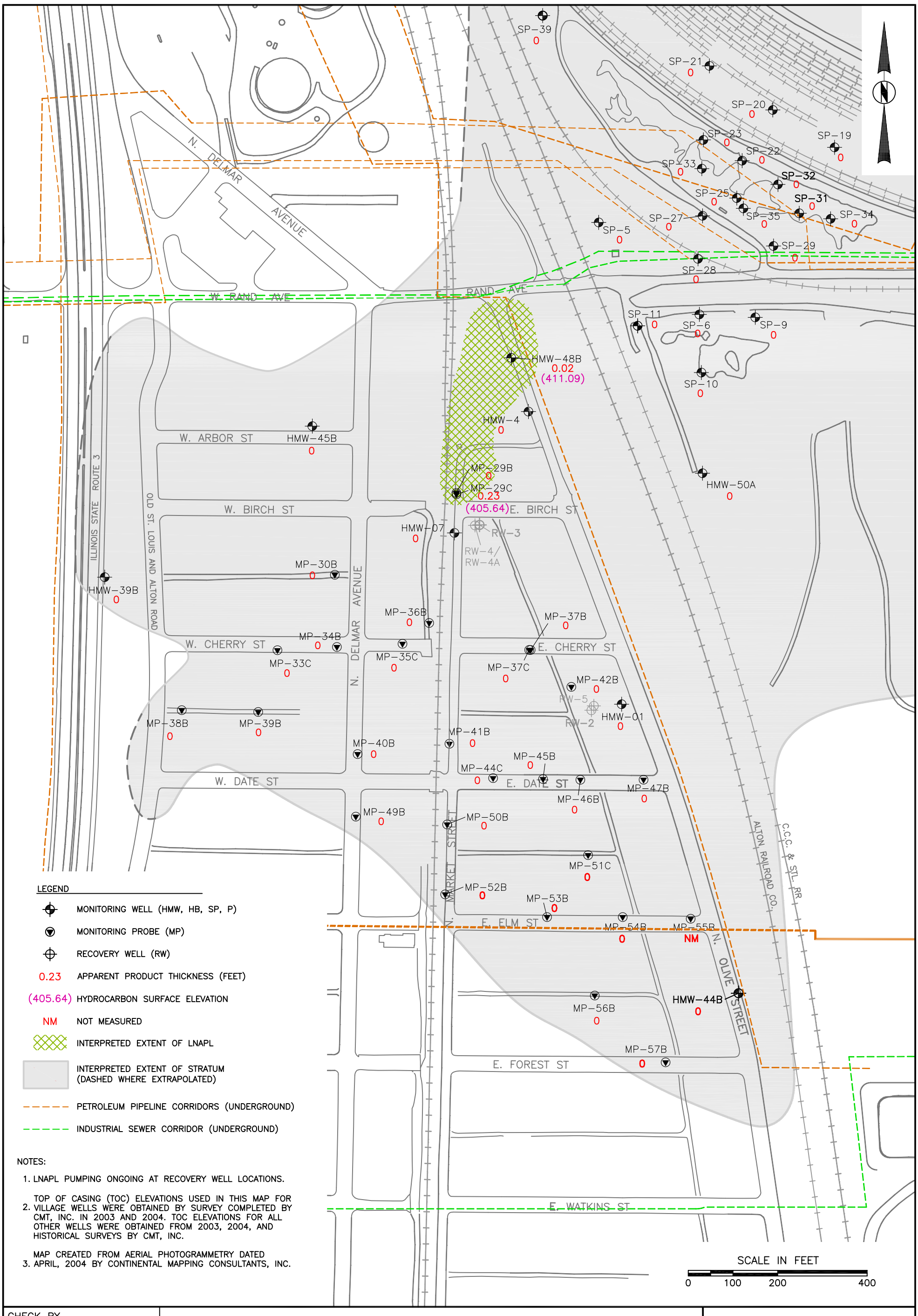
CHECK BY	
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309514007d6
PRJ NO.	15-03095

APPARENT LNAPL PRODUCT THICKNESS AND ELEVATION MAP
NOVEMBER 15-17, 2004 - RAND STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-34



LEGEND

- MONITORING WELL (HMW, HB, SP, P)
- MONITORING PROBE (MP)
- RECOVERY WELL (RW)
- 0.23 APPARENT PRODUCT THICKNESS (FEET)
- (405.64) HYDROCARBON SURFACE ELEVATION
- NM NOT MEASURED
- INTERPRETED EXTENT OF LNAPL
- INTERPRETED EXTENT OF STRATUM (DASHED WHERE EXTRAPOLATED)
- PETROLEUM PIPELINE CORRIDORS (UNDERGROUND)
- INDUSTRIAL SEWER CORRIDOR (UNDERGROUND)

NOTES:

1. LNAPL PUMPING ONGOING AT RECOVERY WELL LOCATIONS.
2. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP FOR VILLAGE WELLS WERE OBTAINED BY SURVEY COMPLETED BY CMT, INC. IN 2003 AND 2004. TOC ELEVATIONS FOR ALL OTHER WELLS WERE OBTAINED FROM 2003, 2004, AND HISTORICAL SURVEYS BY CMT, INC.
3. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

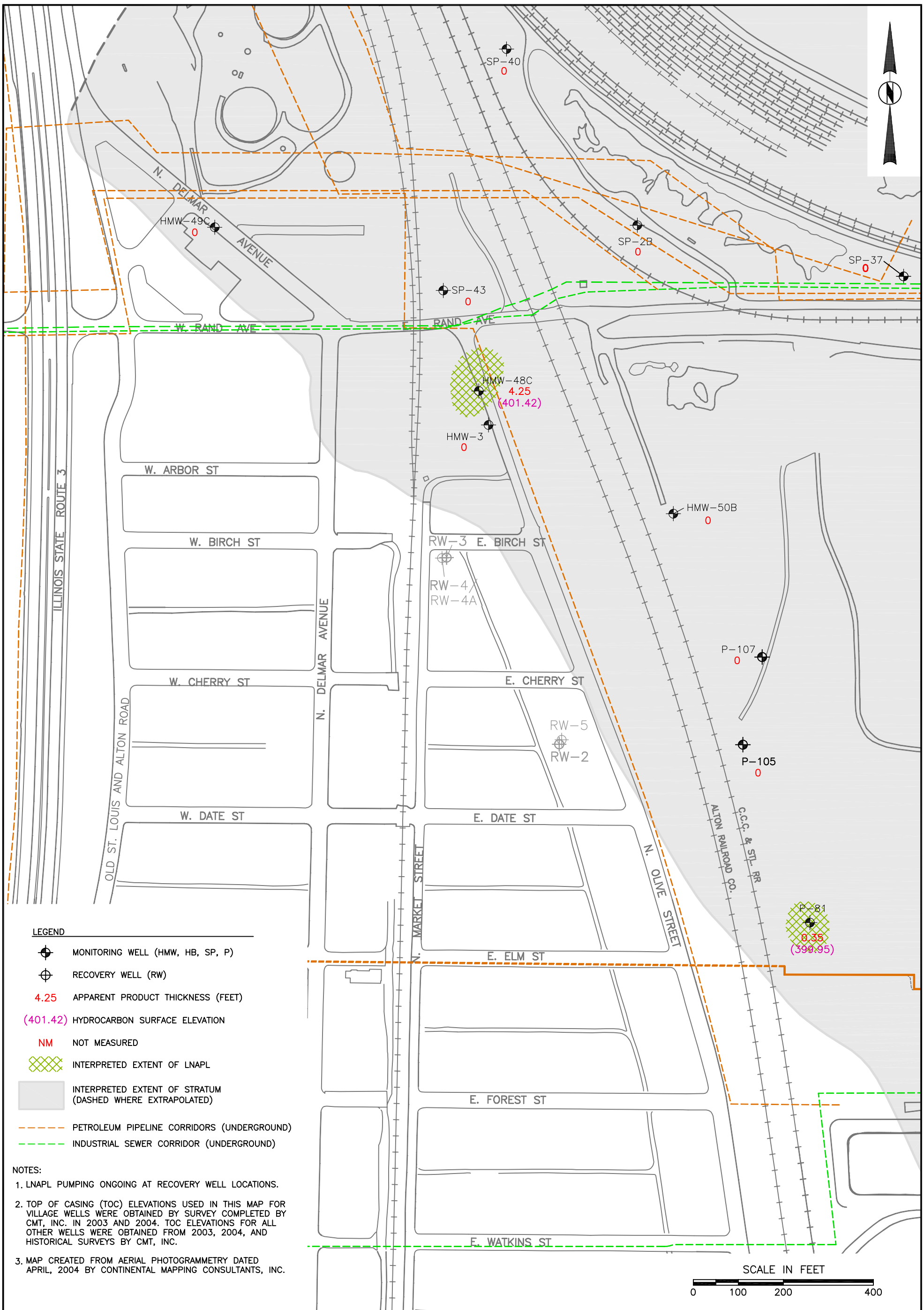
CHECK BY	
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309514007d3
PRJ NO.	15-03095

APPARENT LNAPL PRODUCT THICKNESS AND ELEVATION MAP
OCTOBER 18-21, 2004 – RAND STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-33



LEGEND

- MONITORING WELL (HMW, HB, SP, P)
- RECOVERY WELL (RW)
- 4.25 APPARENT PRODUCT THICKNESS (FEET)
- (401.42) HYDROCARBON SURFACE ELEVATION
- NM NOT MEASURED
- INTERPRETED EXTENT OF LNAPL
- INTERPRETED EXTENT OF STRATUM (DASHED WHERE EXTRAPOLATED)
- PETROLEUM PIPELINE CORRIDORS (UNDERGROUND)
- INDUSTRIAL SEWER CORRIDOR (UNDERGROUND)

NOTES:

1. LNAPL PUMPING ONGOING AT RECOVERY WELL LOCATIONS.
2. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP FOR VILLAGE WELLS WERE OBTAINED BY SURVEY COMPLETED BY CMT, INC. IN 2003 AND 2004. TOC ELEVATIONS FOR ALL OTHER WELLS WERE OBTAINED FROM 2003, 2004, AND HISTORICAL SURVEYS BY CMT, INC.
3. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

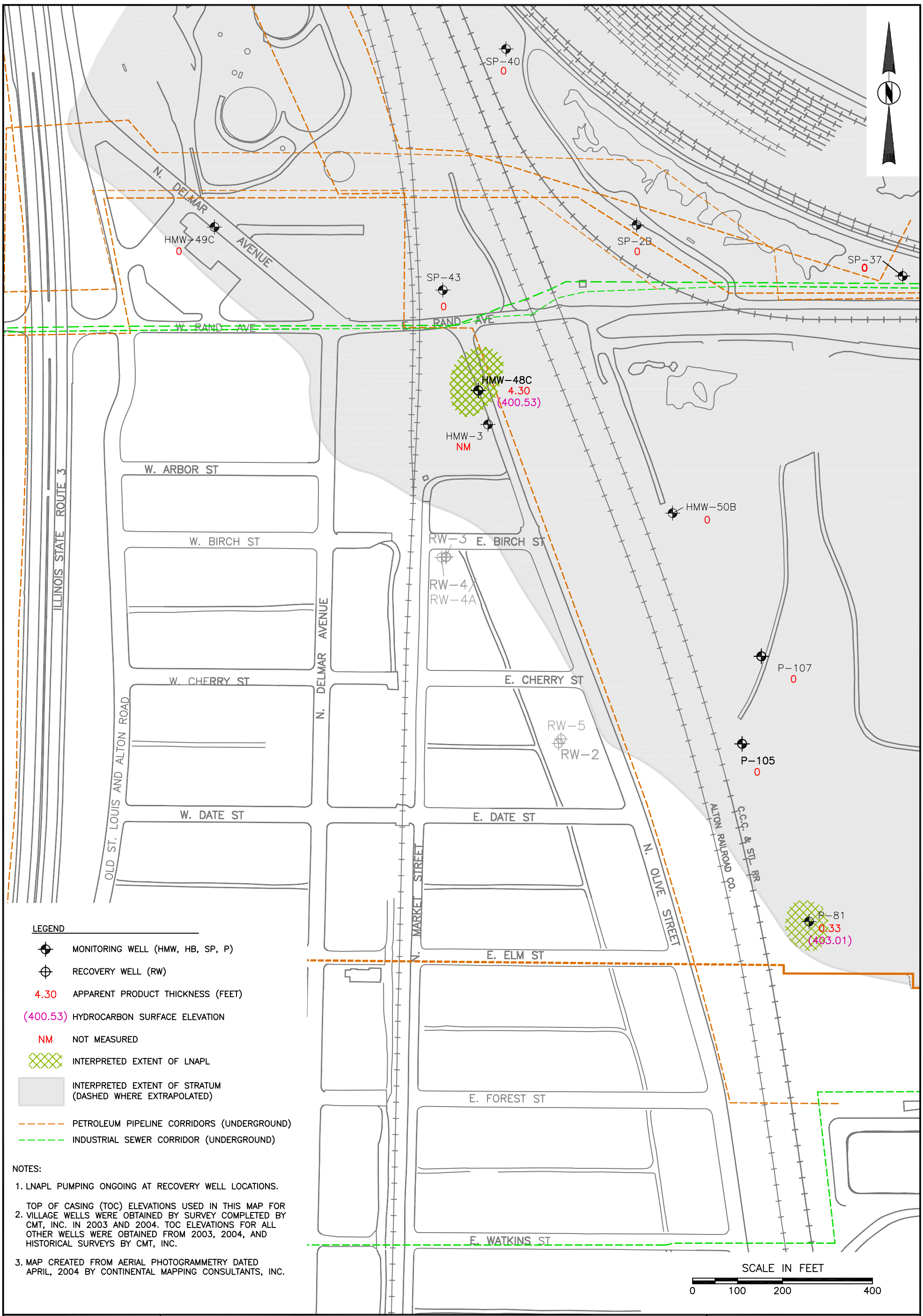
CHECK BY	KDC
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309514007d5
PRJ NO.	15-03095

APPARENT LNAPL PRODUCT THICKNESS AND ELEVATION MAP
NOVEMBER 15-17, 2004 - EPA STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-32



LEGEND

- MONITORING WELL (HMW, HB, SP, P)
- RECOVERY WELL (RW)
- 4.30 APPARENT PRODUCT THICKNESS (FEET)
- (400.53) HYDROCARBON SURFACE ELEVATION
- NM NOT MEASURED
- INTERPRETED EXTENT OF LNAPL
- INTERPRETED EXTENT OF STRATUM (DASHED WHERE EXTRAPOLATED)
- PETROLEUM PIPELINE CORRIDORS (UNDERGROUND)
- INDUSTRIAL SEWER CORRIDOR (UNDERGROUND)

NOTES:

1. LNAPL PUMPING ONGOING AT RECOVERY WELL LOCATIONS.
2. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP FOR VILLAGE WELLS WERE OBTAINED BY SURVEY COMPLETED BY CMT, INC. IN 2003 AND 2004. TOC ELEVATIONS FOR ALL OTHER WELLS WERE OBTAINED FROM 2003, 2004, AND HISTORICAL SURVEYS BY CMT, INC.
3. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

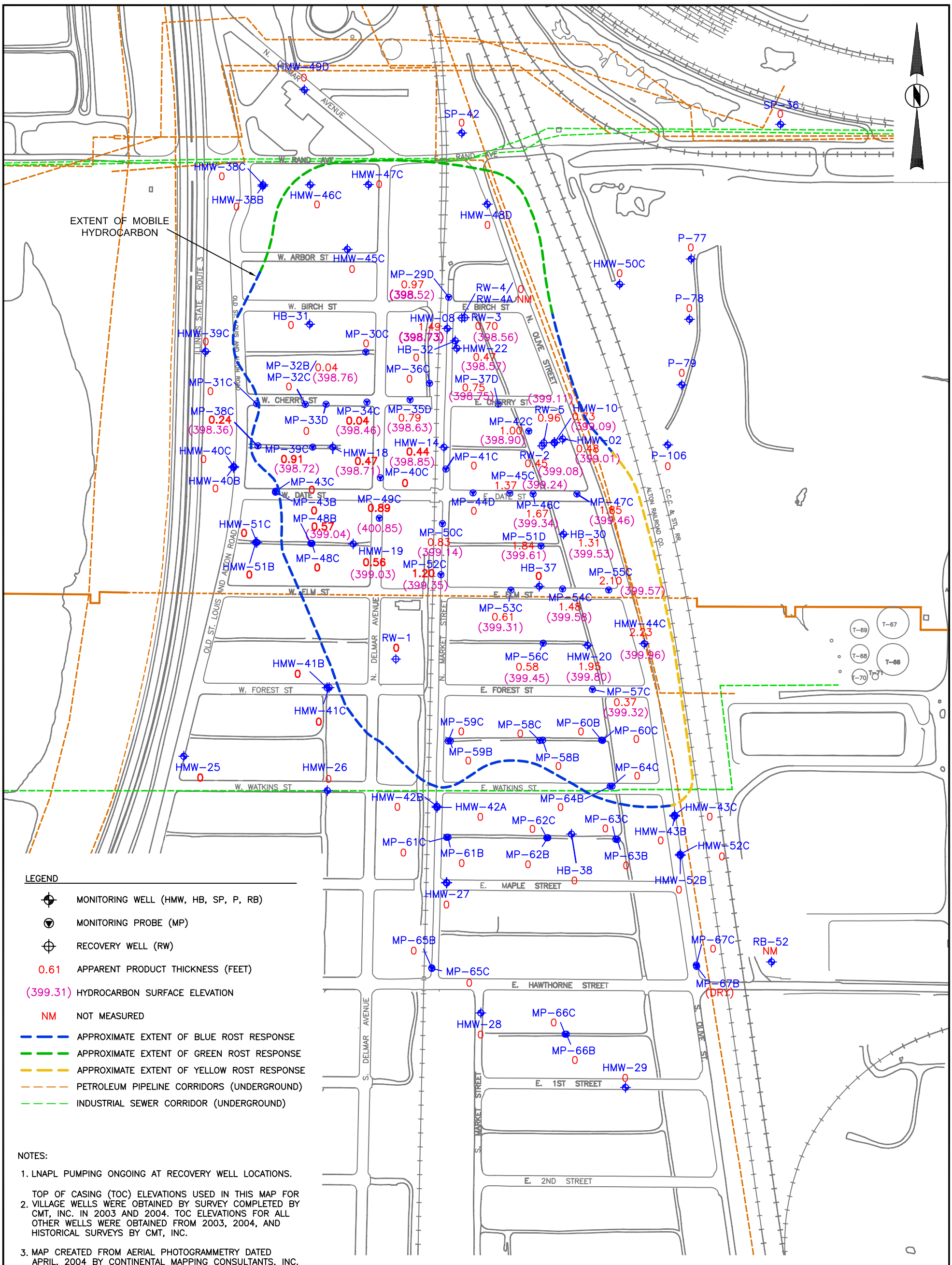
CHECK BY	
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309514007d2
PRJ NO.	15-03095

APPARENT LNAPL PRODUCT THICKNESS AND ELEVATION MAP
OCTOBER 18-21, 2004 - EPA STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-31



LEGEND

- MONITORING WELL (HMW, HB, SP, P, RB)
- MONITORING PROBE (MP)
- RECOVERY WELL (RW)
- 0.61 APPARENT PRODUCT THICKNESS (FEET)
- (399.31) HYDROCARBON SURFACE ELEVATION
- NM NOT MEASURED
- APPROXIMATE EXTENT OF BLUE ROST RESPONSE
- APPROXIMATE EXTENT OF GREEN ROST RESPONSE
- APPROXIMATE EXTENT OF YELLOW ROST RESPONSE
- PETROLEUM PIPELINE CORRIDORS (UNDERGROUND)
- INDUSTRIAL SEWER CORRIDOR (UNDERGROUND)

NOTES:

1. LNAPL PUMPING ONGOING AT RECOVERY WELL LOCATIONS.
2. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP FOR VILLAGE WELLS WERE OBTAINED BY SURVEY COMPLETED BY CMT, INC. IN 2003 AND 2004. TOC ELEVATIONS FOR ALL OTHER WELLS WERE OBTAINED FROM 2003, 2004, AND HISTORICAL SURVEYS BY CMT, INC.
3. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

SCALE IN FEET

0 150 300 600

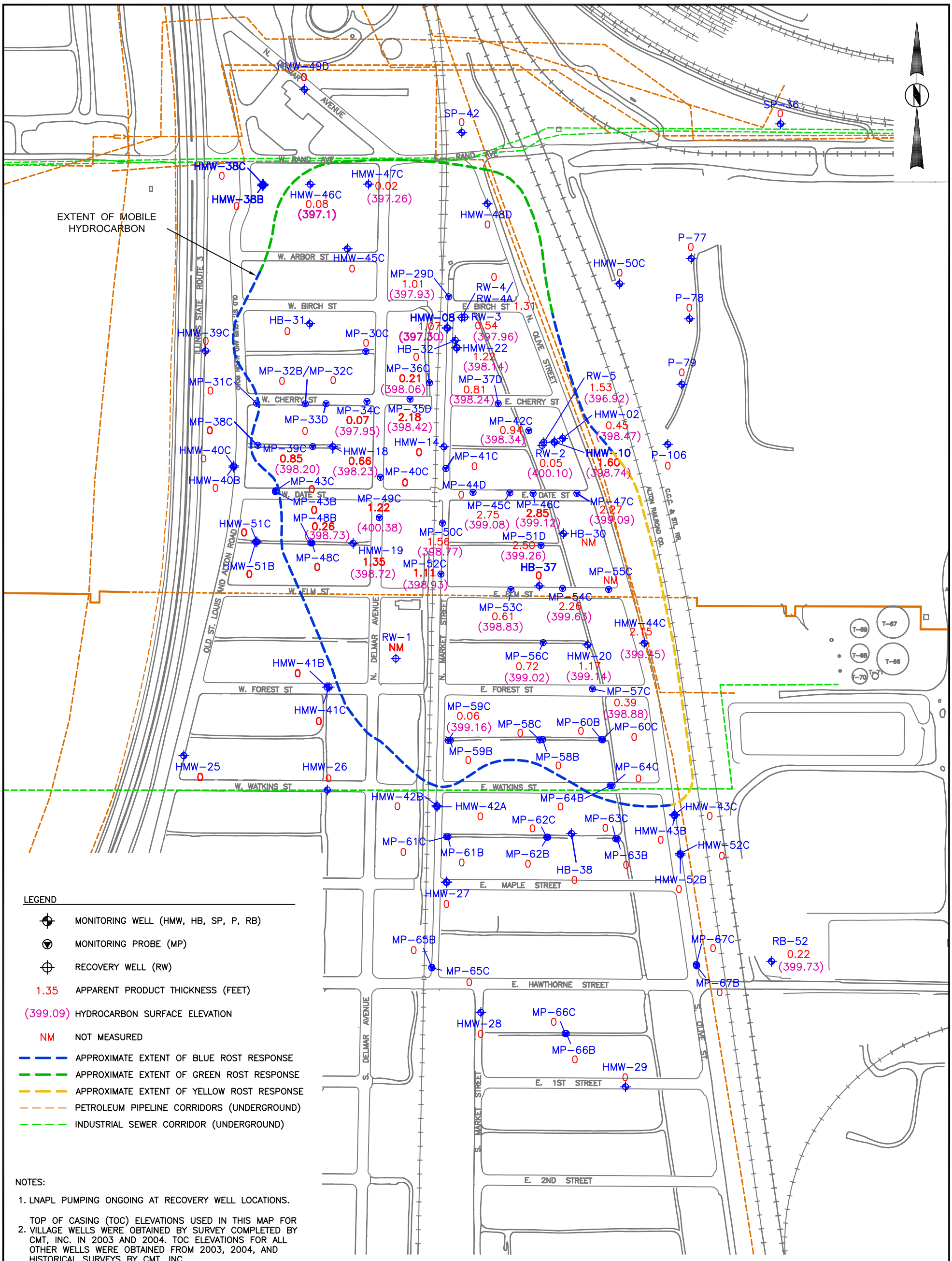
CHECK BY	
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309514007d4
PRJ NO.	15-03095

APPARENT LNAPL PRODUCT THICKNESS AND ELEVATION MAP
NOVEMBER 15-17, 2004 - MAIN SAND

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-30



LEGEND

- MONITORING WELL (HMW, HB, SP, P, RB)
- MONITORING PROBE (MP)
- RECOVERY WELL (RW)
- 1.35 APPARENT PRODUCT THICKNESS (FEET)
- (399.09) HYDROCARBON SURFACE ELEVATION
- NM NOT MEASURED
- APPROXIMATE EXTENT OF BLUE ROST RESPONSE
- APPROXIMATE EXTENT OF GREEN ROST RESPONSE
- APPROXIMATE EXTENT OF YELLOW ROST RESPONSE
- PETROLEUM PIPELINE CORRIDORS (UNDERGROUND)
- INDUSTRIAL SEWER CORRIDOR (UNDERGROUND)

NOTES:

1. LNAPL PUMPING ONGOING AT RECOVERY WELL LOCATIONS.
2. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP FOR VILLAGE WELLS WERE OBTAINED BY SURVEY COMPLETED BY CMT, INC. IN 2003 AND 2004. TOC ELEVATIONS FOR ALL OTHER WELLS WERE OBTAINED FROM 2003, 2004, AND HISTORICAL SURVEYS BY CMT, INC.
3. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

SCALE IN FEET

0 150 300 600

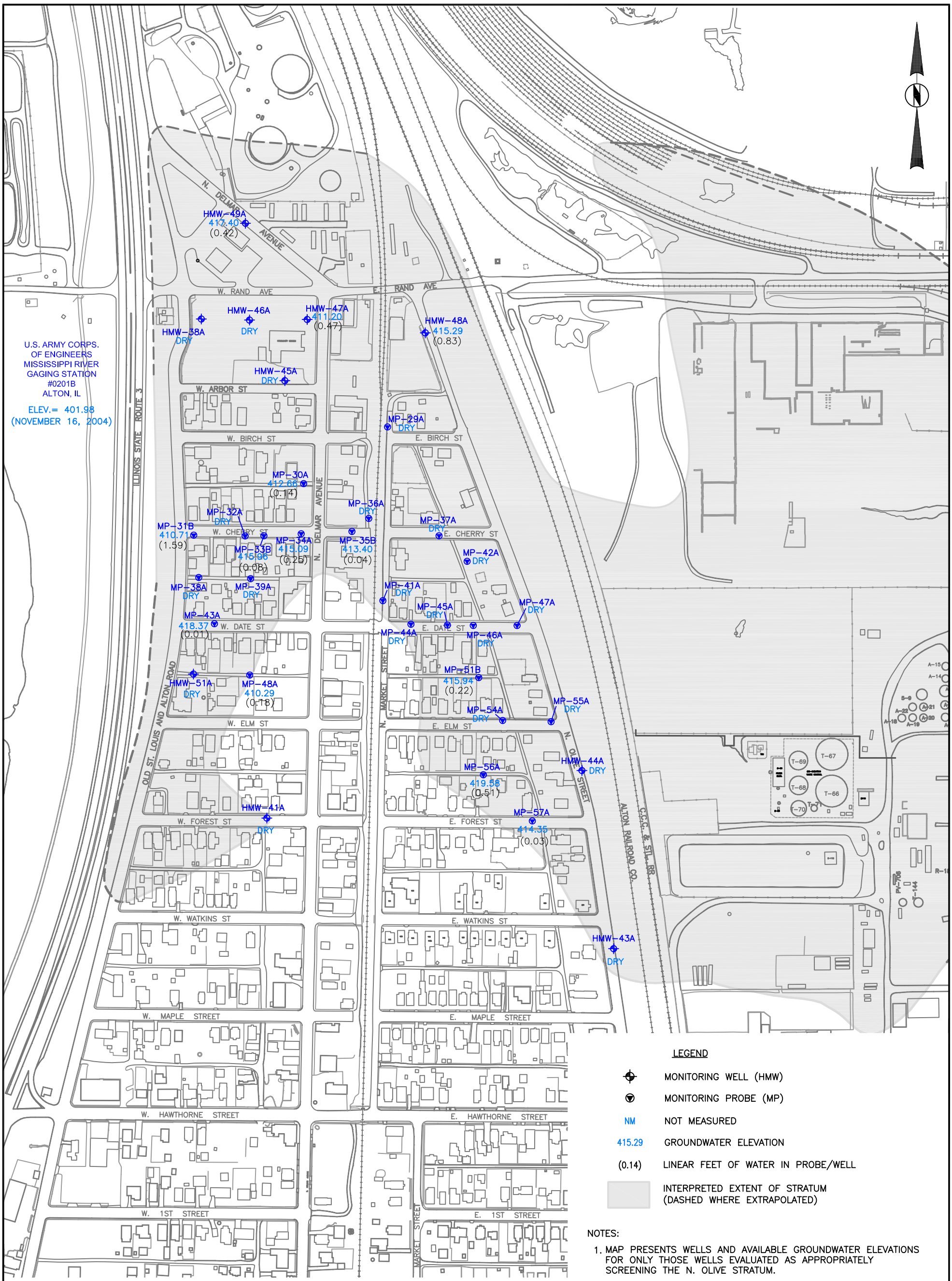
CHECK BY	KDC
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309514007d1
PRJ NO.	15-03095

APPARENT LNAPL PRODUCT THICKNESS AND ELEVATION MAP
OCTOBER 18-21, 2004 – MAIN SAND

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-29



NOTES:

1. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE N. OLIVE STRATUM.
2. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP WERE OBTAINED FROM A 2004 SURVEY BY CMT, INC.
3. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

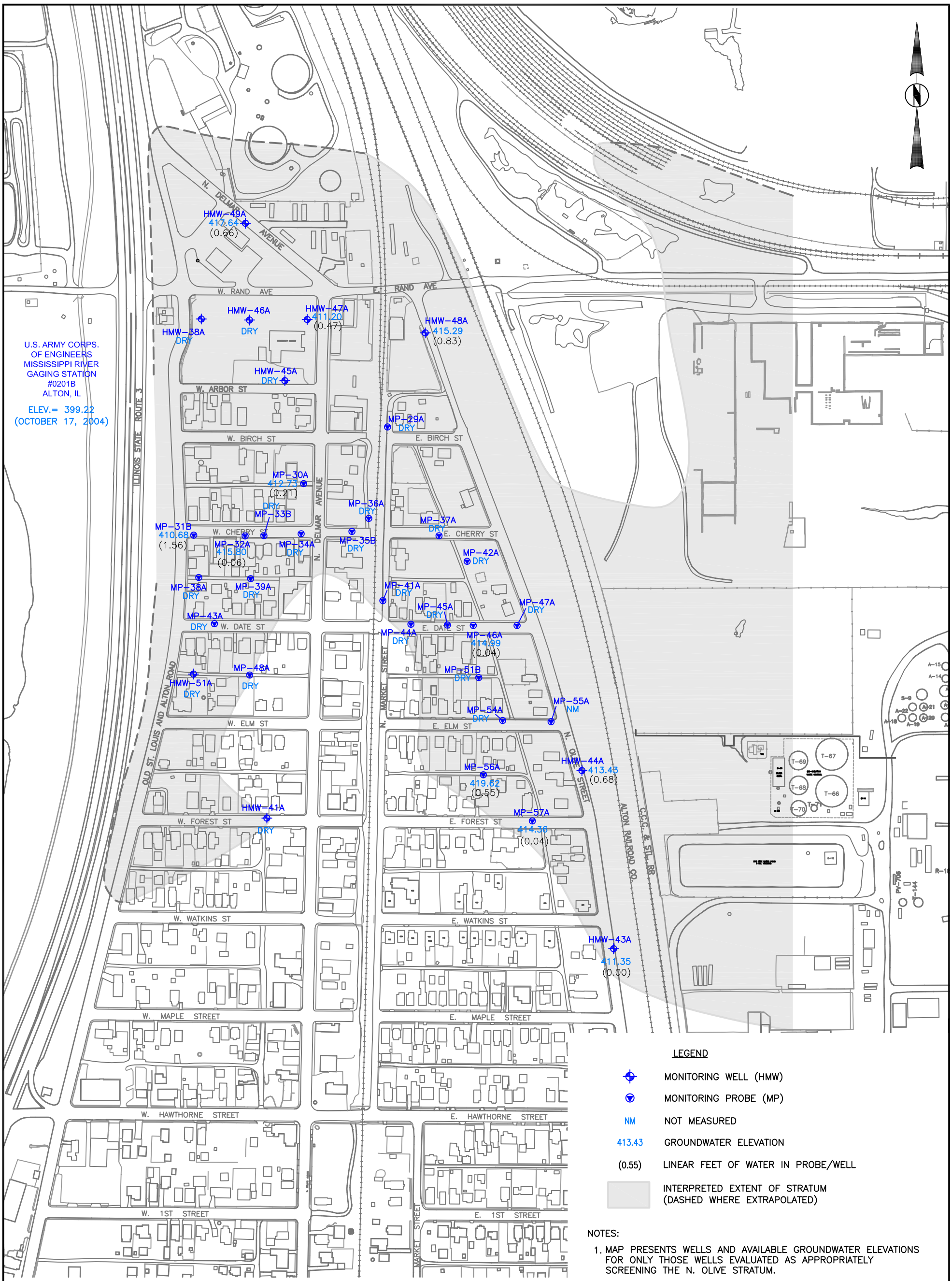
CHECK BY	
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309507e27
PRJ NO.	15-03095

GROUNDWATER ELEVATION MAP
NOVEMBER 15-17, 2004 - N. OLIVE STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-28



NOTES:

1. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE N. OLIVE STRATUM.
2. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP WERE OBTAINED FROM A 2004 SURVEY BY CMT, INC.
3. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

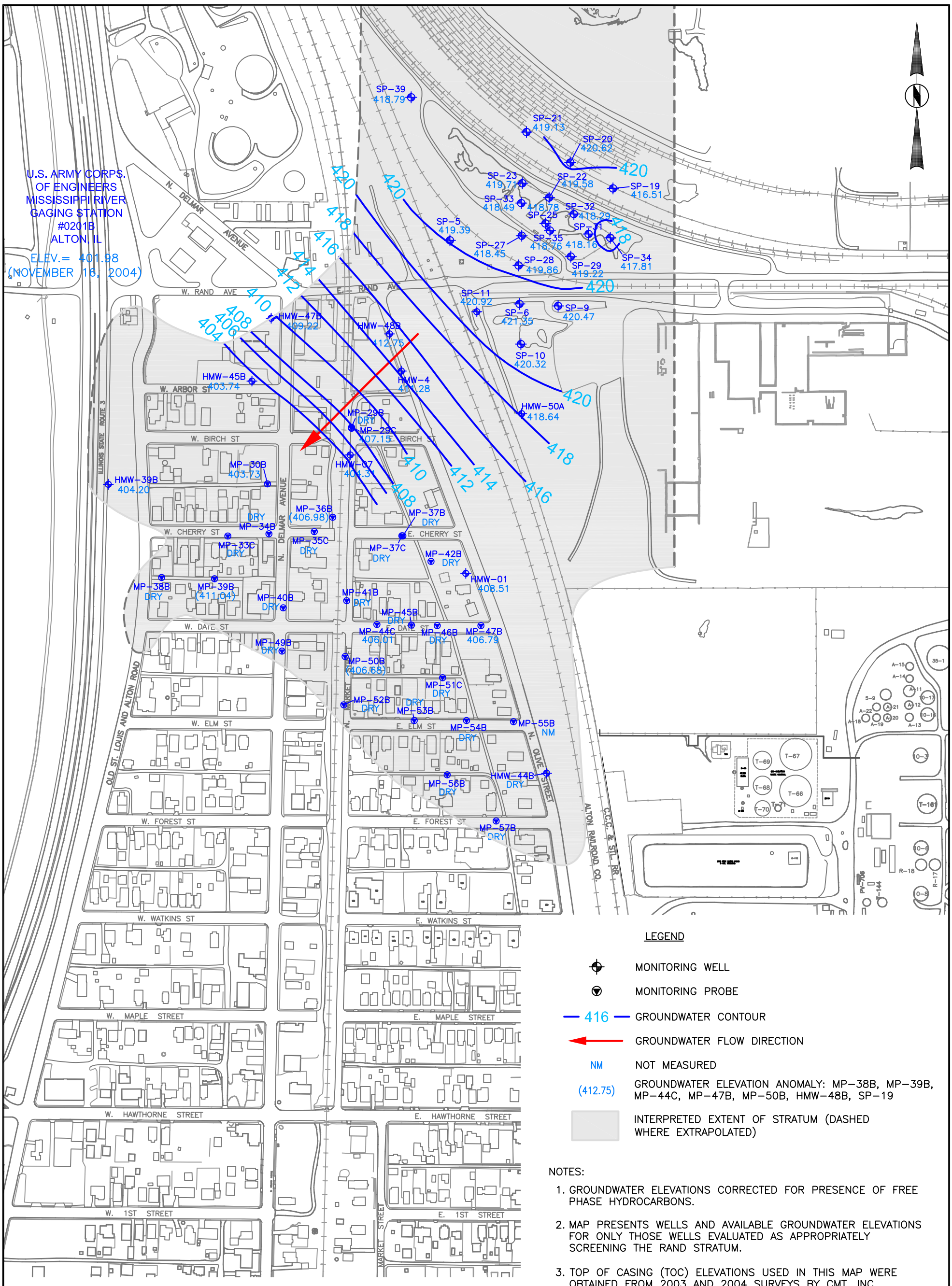
CHECK BY	KDC
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309507e23
PRJ NO.	15-03095

GROUNDWATER ELEVATION MAP
OCTOBER 18-21, 2004 – N. OLIVE STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-27



NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE RAND STRATUM.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP WERE OBTAINED FROM 2003 AND 2004 SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 2 FT.
5. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

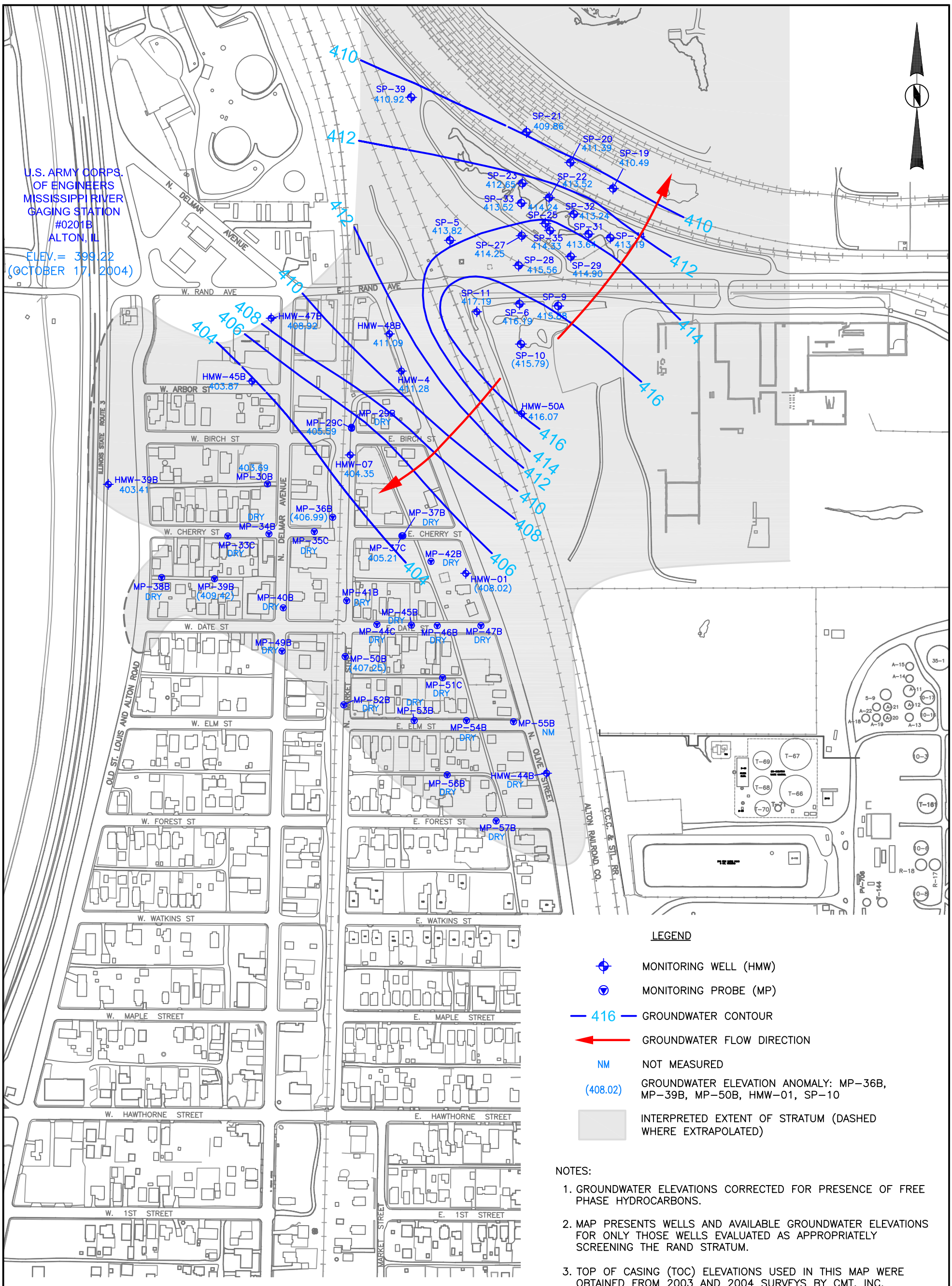
CHECK BY	
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309507e28
PRJ NO.	15-03095

GROUNDWATER FLOW MAP
NOVEMBER 15-17, 2004 - RAND STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-26



LEGEND

- MONITORING WELL (HMW)
- MONITORING PROBE (MP)
- 416 — GROUNDWATER CONTOUR
- GROUNDWATER FLOW DIRECTION
- NM — NOT MEASURED
- (408.02) — GROUNDWATER ELEVATION ANOMALY: MP-36B, MP-39B, MP-50B, HMW-01, SP-10
- INTERPRETED EXTENT OF STRATUM (DASHED WHERE EXTRAPOLATED)

SCALE IN FEET

0 150 300 600

NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE RAND STRATUM.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP WERE OBTAINED FROM 2003 AND 2004 SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 2 FT.
5. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

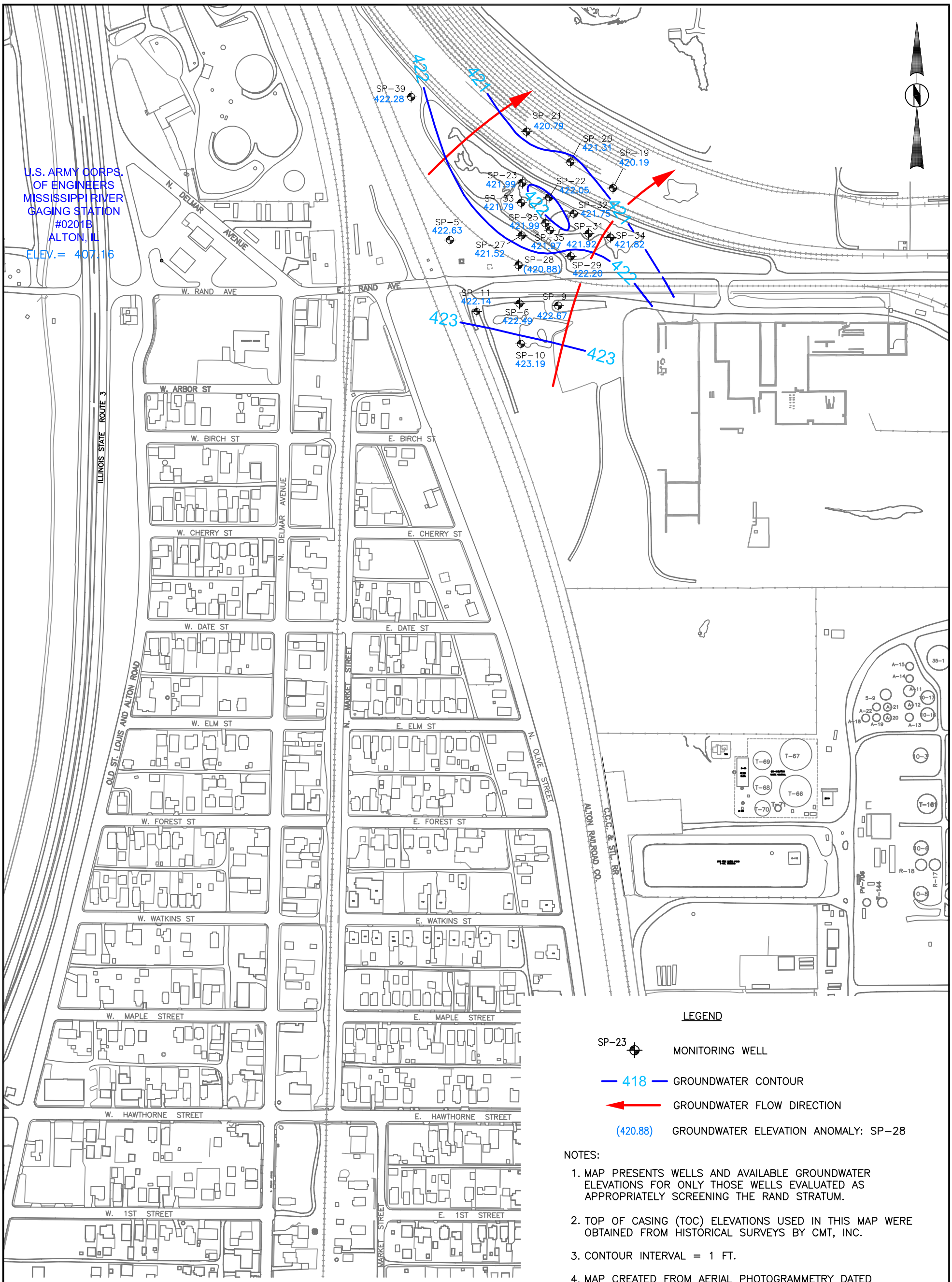
CHECK BY	KDC
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309507e24
PRJ NO.	15-03095

GROUNDWATER FLOW MAP
OCTOBER 18-21, 2004 – RAND STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-25



LEGEND

SP-23 MONITORING WELL

418 GROUNDWATER CONTOUR

GROUNDWATER FLOW DIRECTION

(420.88) GROUNDWATER ELEVATION ANOMALY: SP-28

NOTES:

1. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE RAND STRATUM.
2. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP WERE OBTAINED FROM HISTORICAL SURVEYS BY CMT, INC.
3. CONTOUR INTERVAL = 1 FT.
4. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

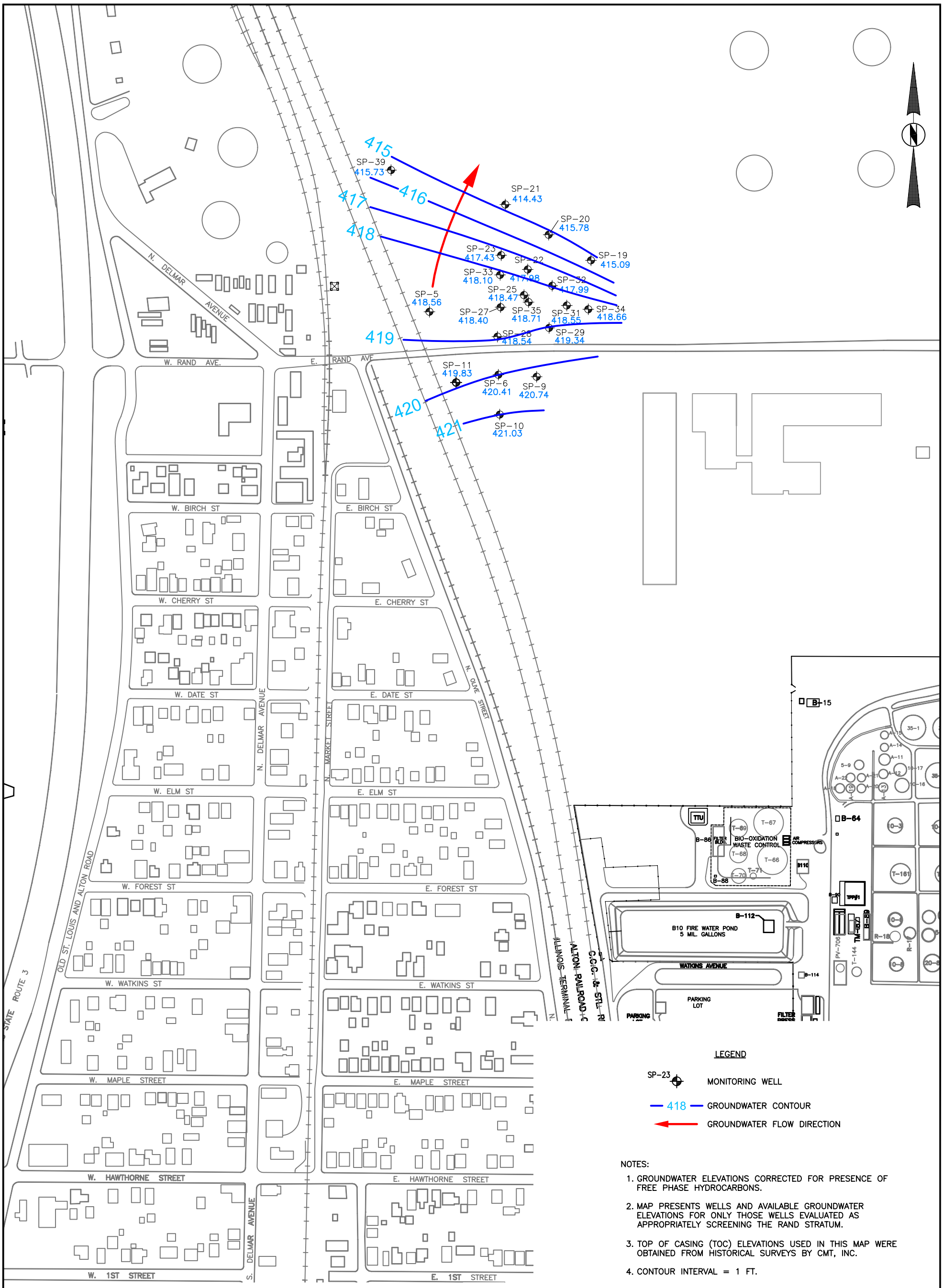
CHECK BY	KDC
DRAWN BY	BCP
DATE	9-27-04
SCALE	AS SHOWN
CAD NO.	0309507e12
PRJ NO.	15-03095

GROUNDWATER FLOW MAP
JULY 13-14, 2004 – RAND STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-24



LEGEND

SP-23 MONITORING WELL

418 GROUNDWATER CONTOUR

GROUNDWATER FLOW DIRECTION

NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE RAND STRATUM.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP WERE OBTAINED FROM HISTORICAL SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 1 FT.

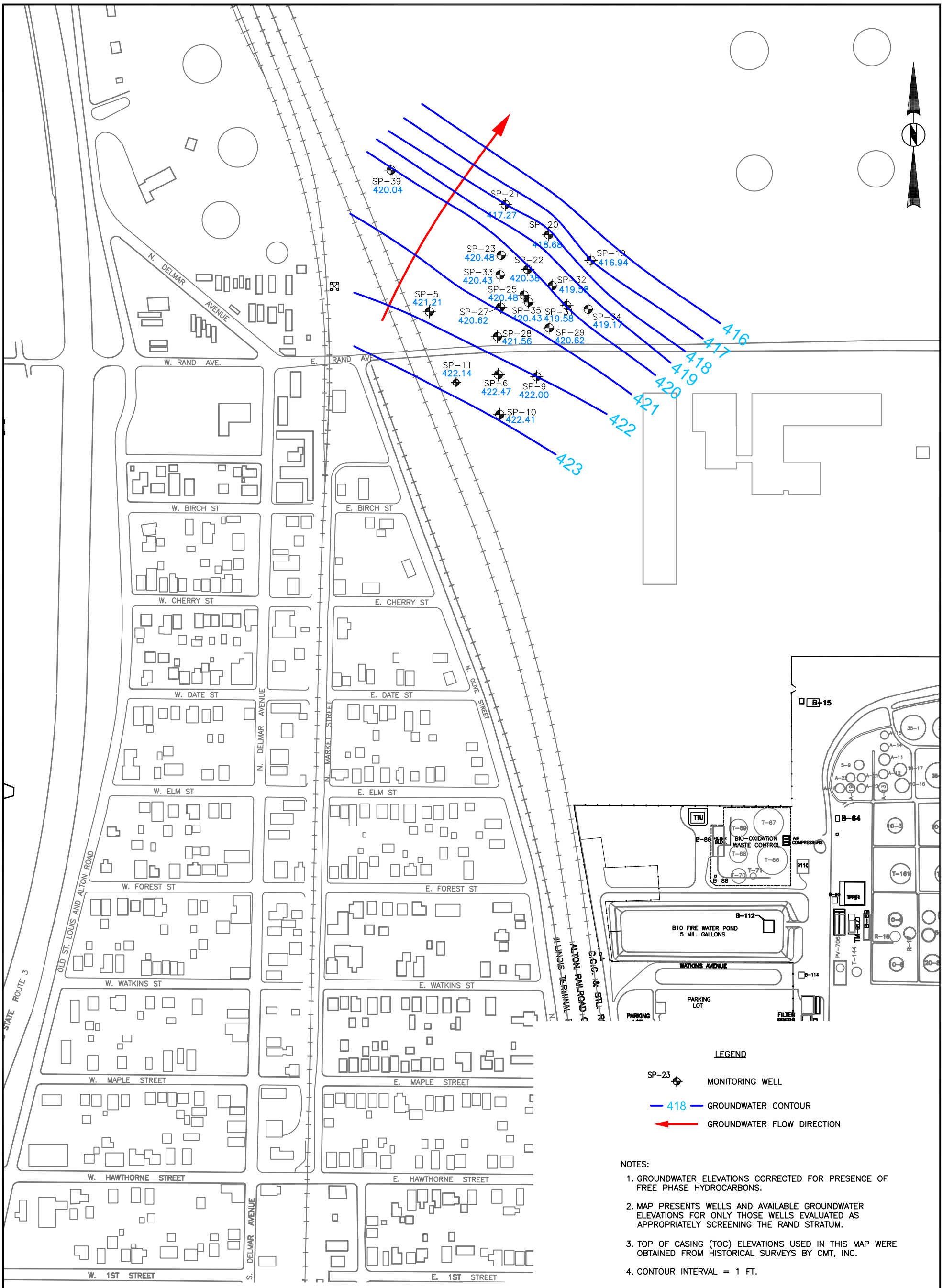
CHECK BY	KDC
DRAWN BY	BCP
DATE	4-29-04
SCALE	AS SHOWN
CAD NO.	0309507e8
PRJ NO.	15-03095

GROUNDWATER FLOW MAP
APRIL 20-22, 2004 – RAND STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton® GROUP SERVICES

FIGURE 2-23



LEGEND

SP-23 MONITORING WELL

418 GROUNDWATER CONTOUR

GROUNDWATER FLOW DIRECTION

NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE RAND STRATUM.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP WERE OBTAINED FROM HISTORICAL SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 1 FT.

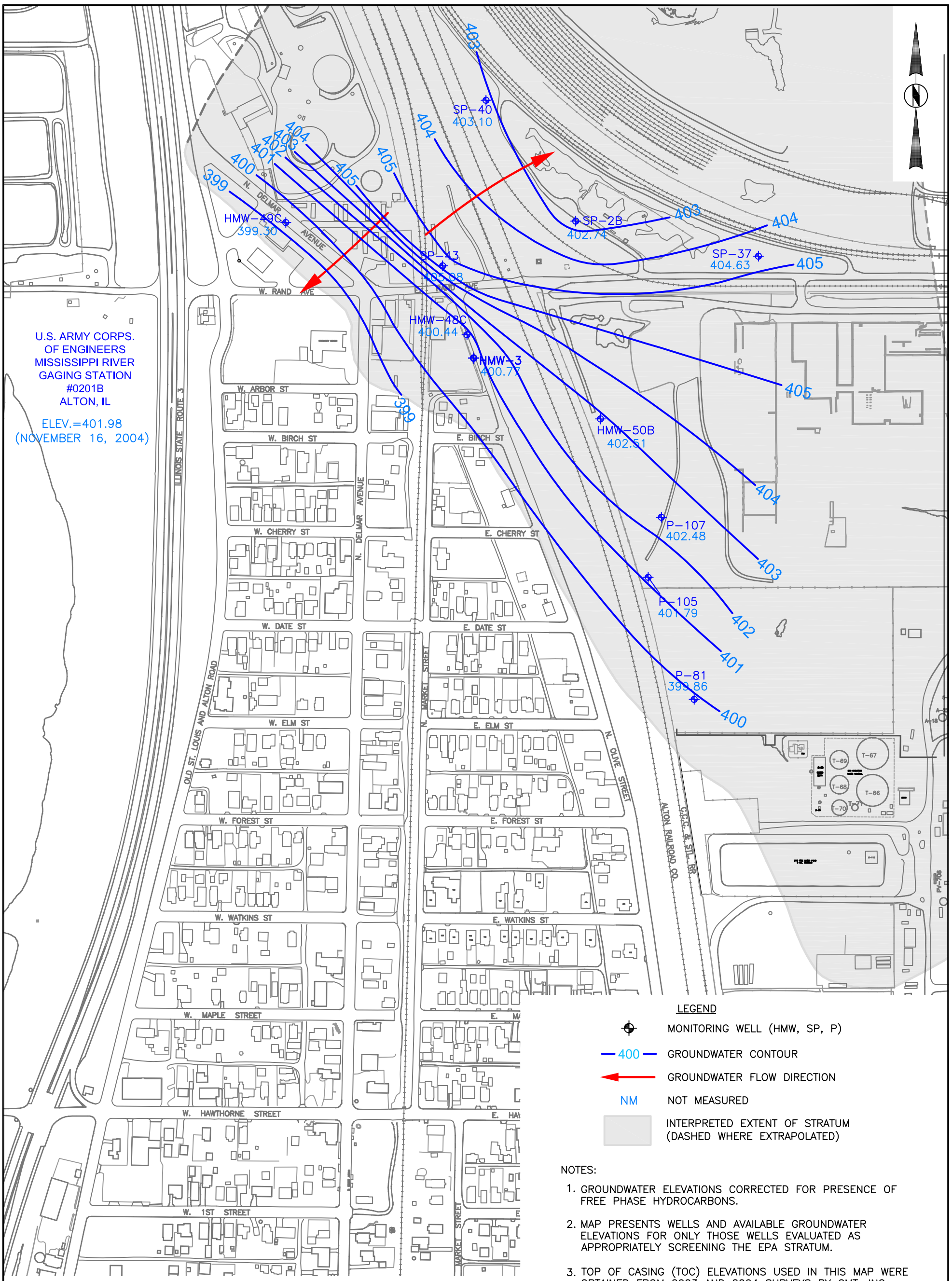
CHECK BY	KDC
DRAWN BY	BCP
DATE	4-8-04
SCALE	AS SHOWN
CAD NO.	0309507e7
PRJ NO.	15-03095

GROUNDWATER FLOW MAP
JANUARY 26-28, 2004 – RAND STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton® GROUP SERVICES

FIGURE 2-22



NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE EPA STRATUM.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP WERE OBTAINED FROM 2003 AND 2004 SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 1 FT.
5. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

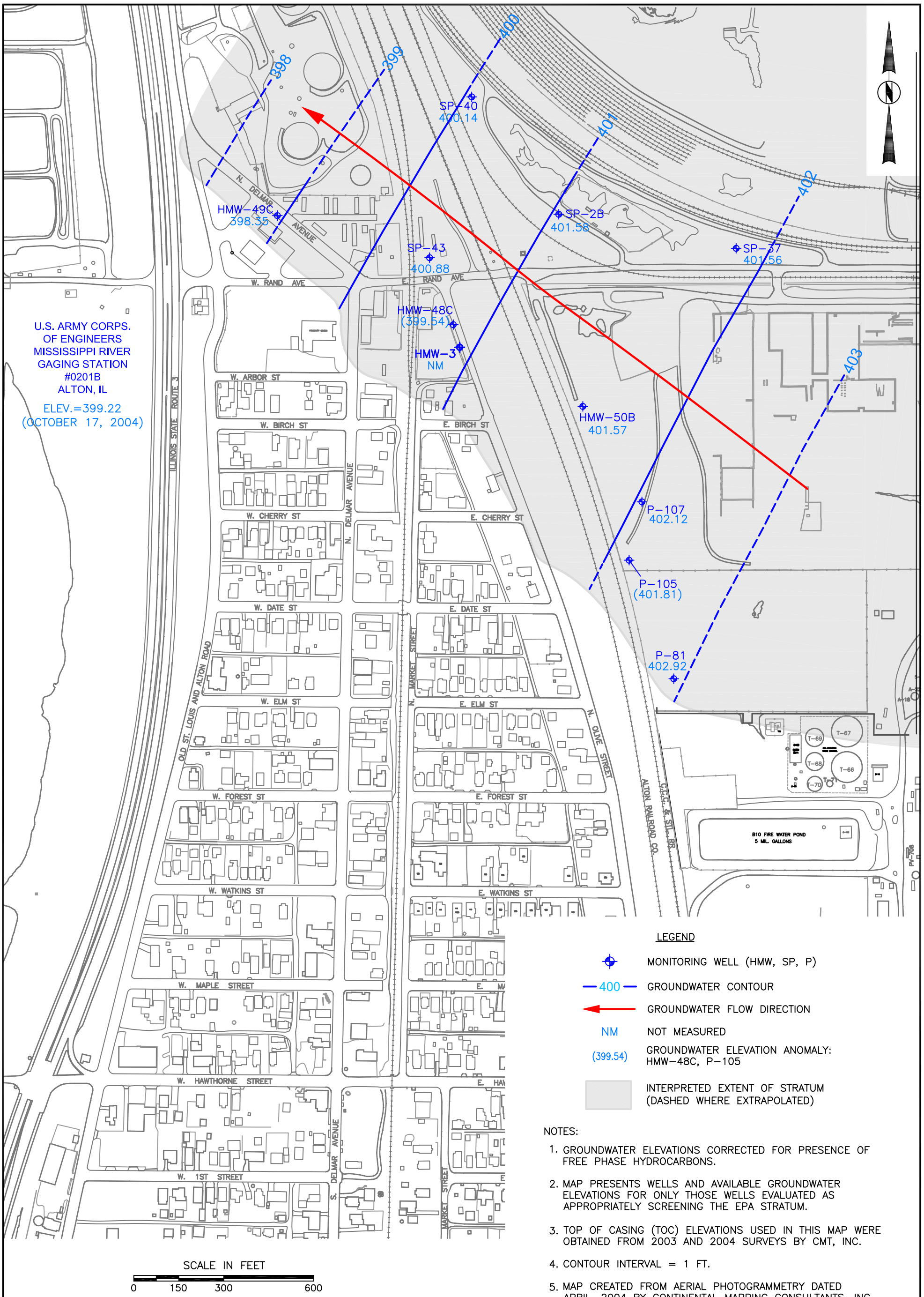
CHECK BY	
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309507e29
PRJ NO.	15-03095

GROUNDWATER FLOW MAP
NOVEMBER 15-17, 2004 - EPA STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-21



NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE EPA STRATUM.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP WERE OBTAINED FROM 2003 AND 2004 SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 1 FT.
5. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

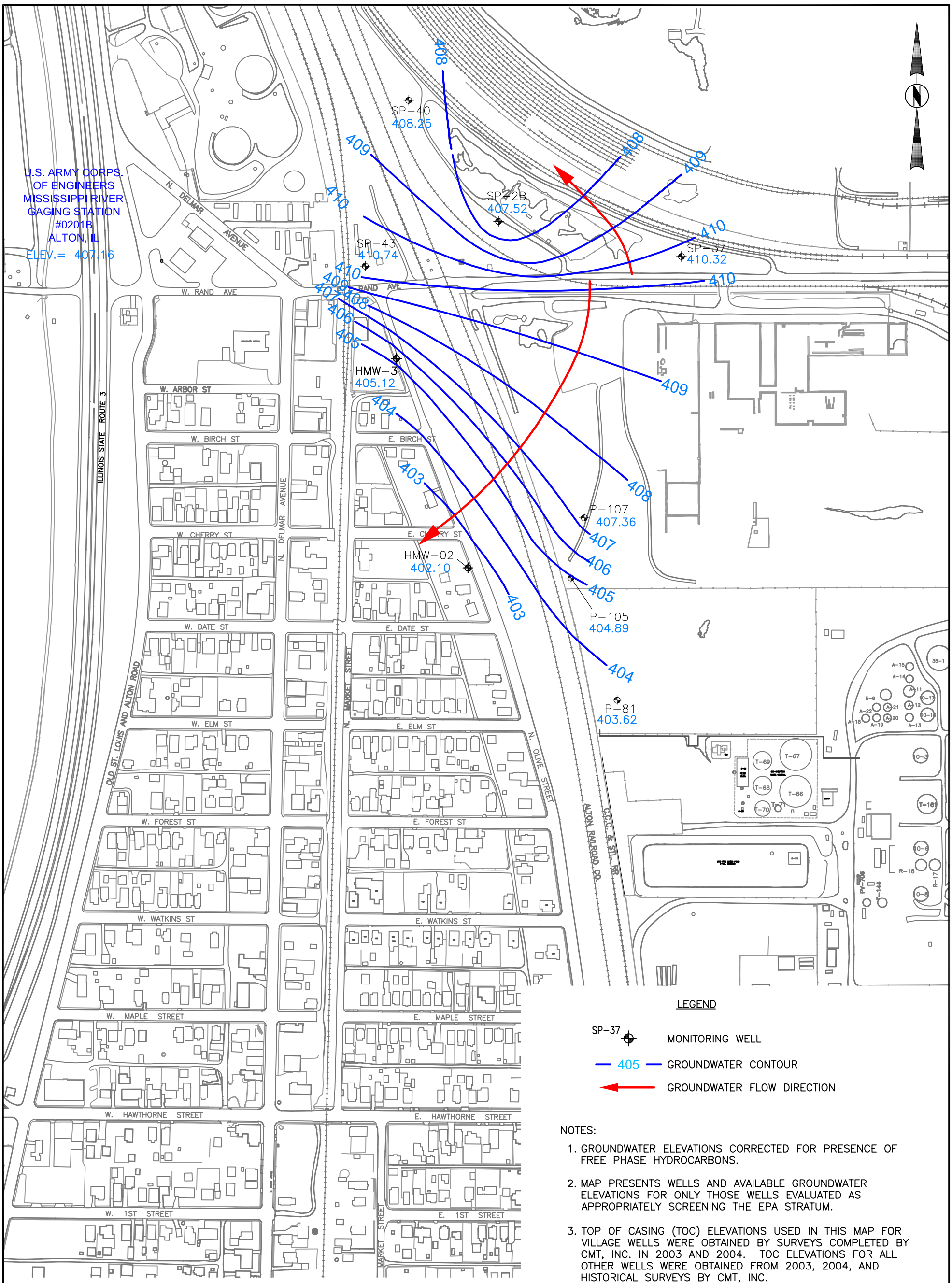
CHECK BY	KDC
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309507e25
PRJ NO.	15-03095

GROUNDWATER FLOW MAP
OCTOBER 18-21, 2004 – EPA STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-20



NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE EPA STRATUM.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP FOR VILLAGE WELLS WERE OBTAINED BY SURVEYS COMPLETED BY CMT, INC. IN 2003 AND 2004. TOC ELEVATIONS FOR ALL OTHER WELLS WERE OBTAINED FROM 2003, 2004, AND HISTORICAL SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 1 FT.
5. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

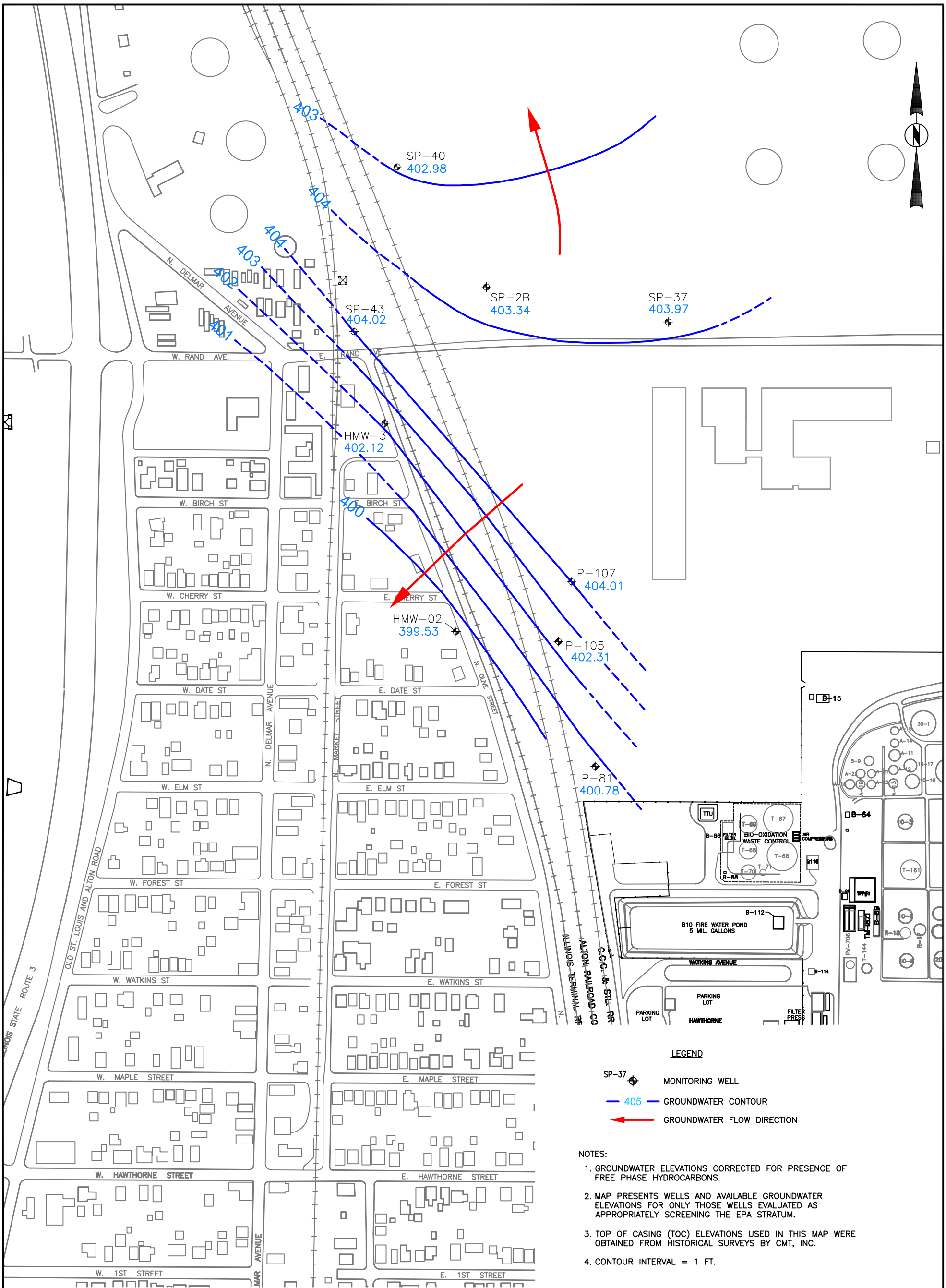
CHECK BY	KDC
DRAWN BY	BCP
DATE	9-27-04
SCALE	AS SHOWN
CAD NO.	0309507e11
PRJ NO.	15-03095

GROUNDWATER FLOW MAP
JULY 13-14, 2004 – EPA STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-19



NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE EPA STRATUM.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP WERE OBTAINED FROM HISTORICAL SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 1 FT.

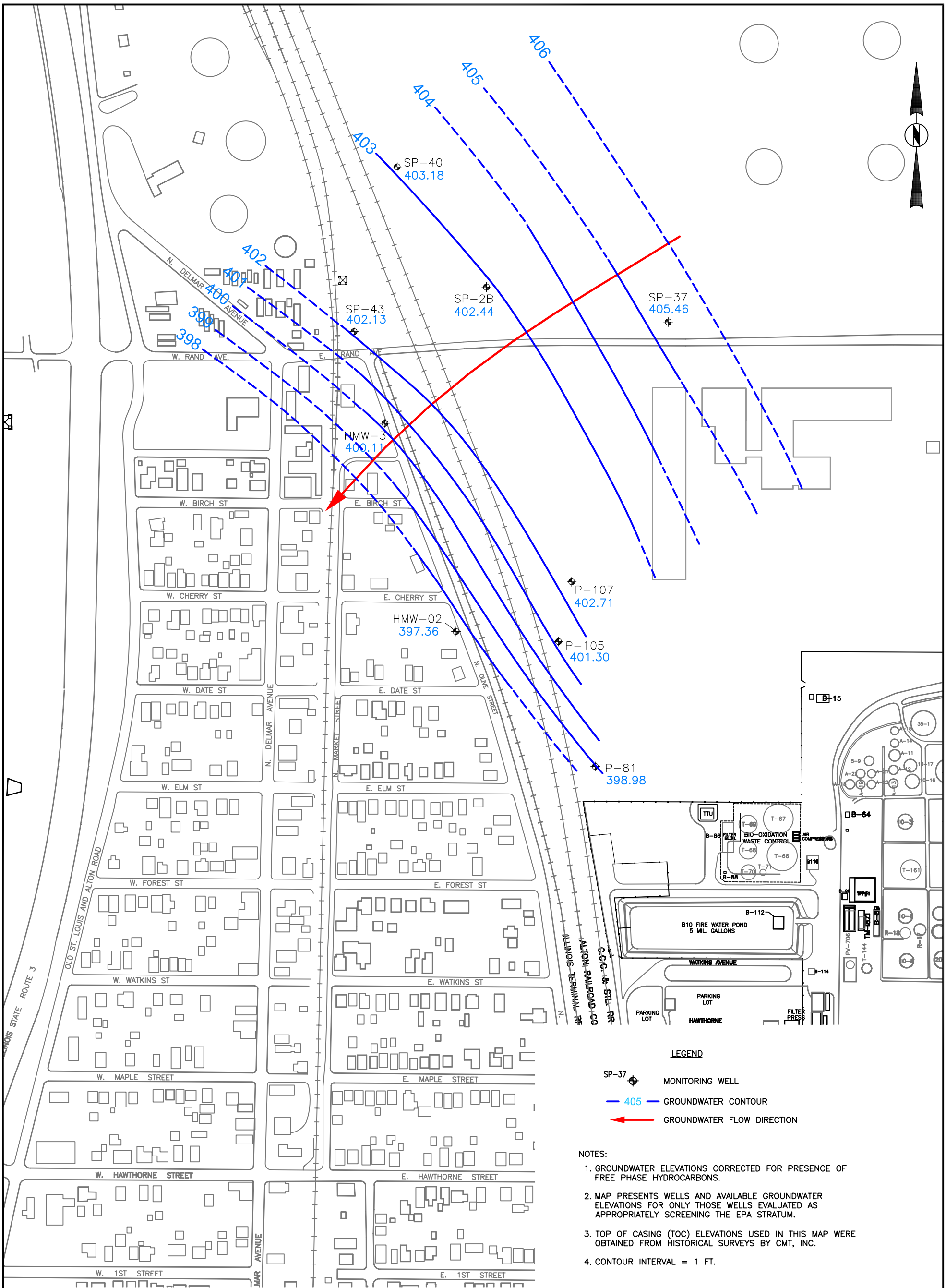
CHECK BY	KDC
DRAWN BY	BCP
DATE	4-28-04
SCALE	AS SHOWN
CAD NO.	0309507e9
PRJ NO.	15-03095

GROUNDWATER FLOW MAP
APRIL 20-22, 2004 - EPA STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton® GROUP SERVICES

FIGURE 2-18



NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE EPA STRATUM.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP WERE OBTAINED FROM HISTORICAL SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 1 FT.

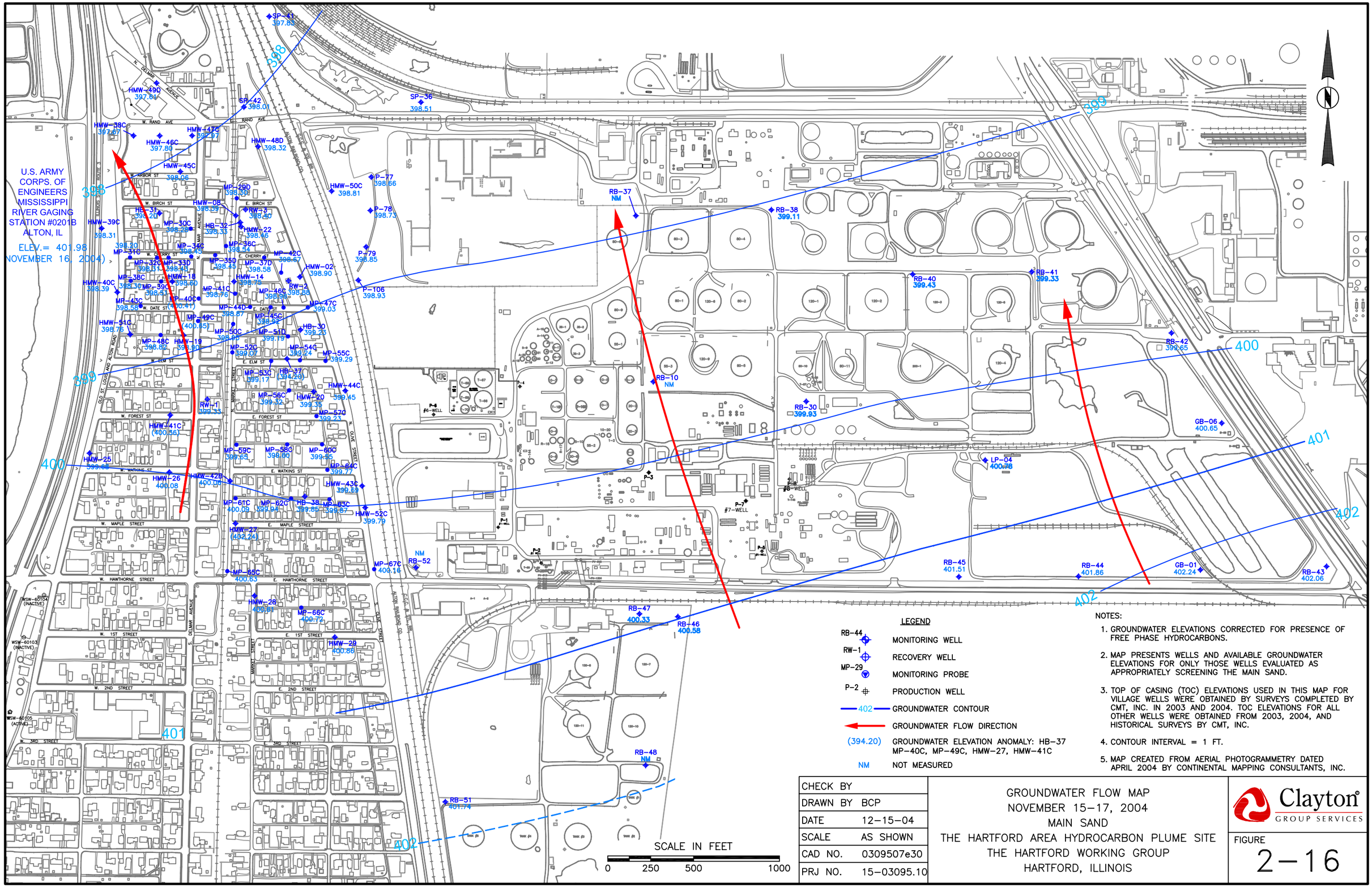
CHECK BY	KDC
DRAWN BY	BCP
DATE	4-8-04
SCALE	AS SHOWN
CAD NO.	0309507e6
PRJ NO.	15-03095

GROUNDWATER FLOW MAP
JANUARY 26-28, 2004 – EPA STRATUM

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton® GROUP SERVICES

FIGURE 2-17



NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE MAIN SAND.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP FOR VILLAGE WELLS WERE OBTAINED BY SURVEYS COMPLETED BY CMT, INC. IN 2003 AND 2004. TOC ELEVATIONS FOR ALL OTHER WELLS WERE OBTAINED FROM 2003, 2004, AND HISTORICAL SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 1 FT.
5. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

CHECK BY	
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309507e30
PRJ NO.	15-03095.10

GROUNDWATER FLOW MAP
NOVEMBER 15-17, 2004
MAIN SAND
THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE
2-16

U.S. ARMY
CORPS. OF
ENGINEERS
MISSISSIPPI
RIVER GAGING
STATION #0201B
ALTON, IL
ELEV.= 399.22
(OCTOBER 17, 2004)

LEGEND

- MONITORING WELL (HMW, GB, LP, RB, P, SP)
- MONITORING PROBE (MP)
- P-2 PRODUCTION WELL
- 402 GROUNDWATER CONTOUR
- GROUNDWATER FLOW DIRECTION
- (401.35) GROUNDWATER ELEVATION ANOMALY: MP-40C, MP-54C, HMW-52C
- NM NOT MEASURED

NOTES:

1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE MAIN SAND.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP FOR VILLAGE WELLS WERE OBTAINED BY SURVEYS COMPLETED BY CMT, INC. IN 2003 AND 2004. TOC ELEVATIONS FOR ALL OTHER WELLS WERE OBTAINED FROM 2003, 2004, AND HISTORICAL SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 1 FT.
5. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

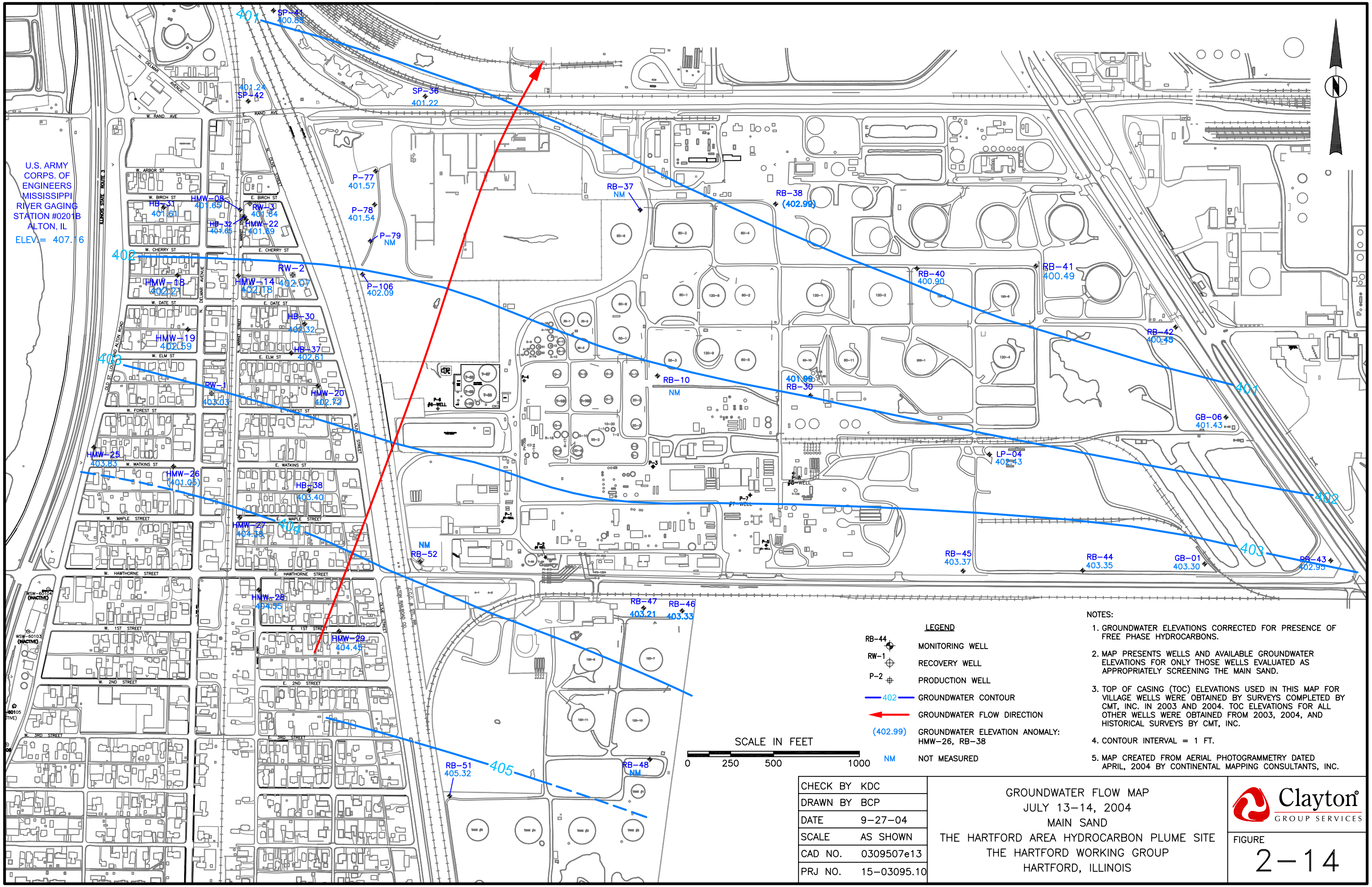
SCALE IN FEET
0 250 500 1000

CHECK BY	
DRAWN BY	BCP
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309507e26
PRJ NO.	15-03095.14

GROUNDWATER FLOW MAP
OCTOBER 18-21, 2004
MAIN SAND
THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE
2-15



LEGEND

RB-44	MONITORING WELL
RW-1	RECOVERY WELL
P-2	PRODUCTION WELL
402	GROUNDWATER CONTOUR
	GROUNDWATER FLOW DIRECTION
(402.99)	GROUNDWATER ELEVATION ANOMALY: HMW-26, RB-38
NM	NOT MEASURED

NOTES:

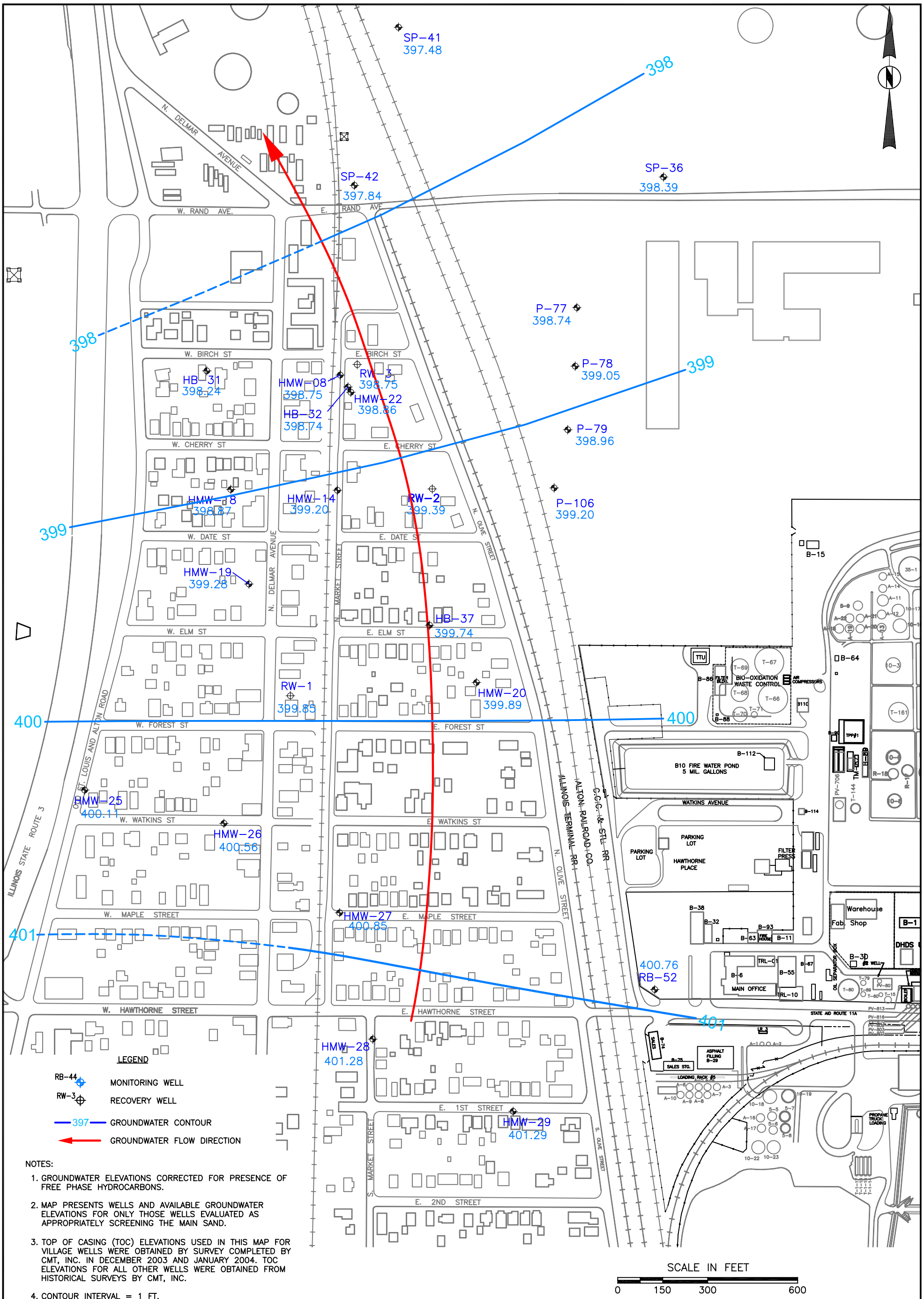
1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE MAIN SAND.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP FOR VILLAGE WELLS WERE OBTAINED BY SURVEYS COMPLETED BY CMT, INC. IN 2003 AND 2004. TOC ELEVATIONS FOR ALL OTHER WELLS WERE OBTAINED FROM 2003, 2004, AND HISTORICAL SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 1 FT.
5. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL, 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

CHECK BY	KDC
DRAWN BY	BCP
DATE	9-27-04
SCALE	AS SHOWN
CAD NO.	0309507e13
PRJ NO.	15-03095.10

GROUNDWATER FLOW MAP
JULY 13-14, 2004
MAIN SAND
THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton® GROUP SERVICES

FIGURE
2-14



NOTES:

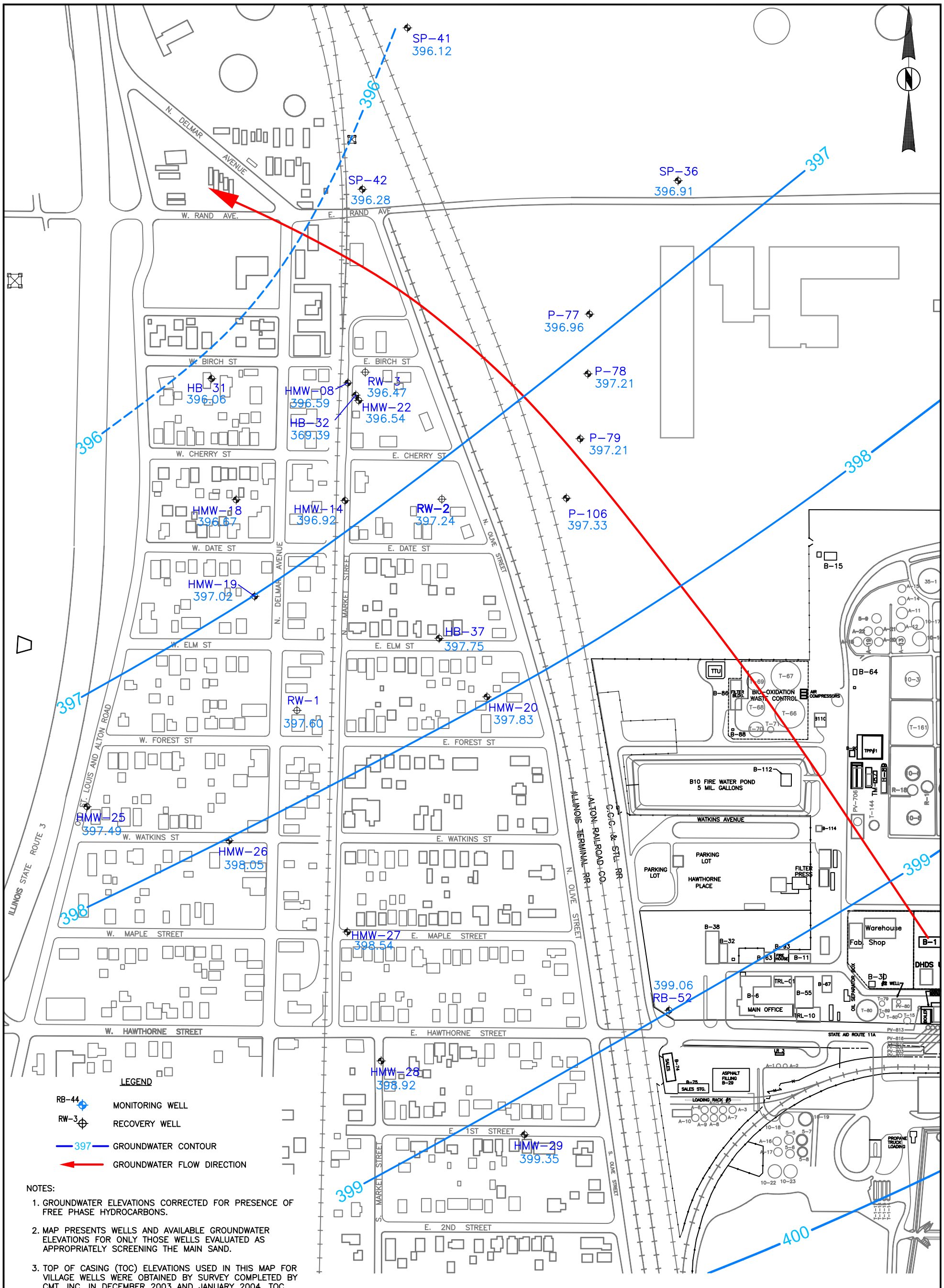
1. GROUNDWATER ELEVATIONS CORRECTED FOR PRESENCE OF FREE PHASE HYDROCARBONS.
2. MAP PRESENTS WELLS AND AVAILABLE GROUNDWATER ELEVATIONS FOR ONLY THOSE WELLS EVALUATED AS APPROPRIATELY SCREENING THE MAIN SAND.
3. TOP OF CASING (TOC) ELEVATIONS USED IN THIS MAP FOR VILLAGE WELLS WERE OBTAINED BY SURVEY COMPLETED BY CMT, INC. IN DECEMBER 2003 AND JANUARY 2004. TOC ELEVATIONS FOR ALL OTHER WELLS WERE OBTAINED FROM HISTORICAL SURVEYS BY CMT, INC.
4. CONTOUR INTERVAL = 1 FT.

CHECK BY	KDC
DRAWN BY	BCP
DATE	5-1-04
SCALE	AS SHOWN
CAD NO.	0309507e10a
PRJ NO.	15-03095

GROUNDWATER FLOW MAP
APRIL 20-22, 2004
MAIN SAND
THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-13

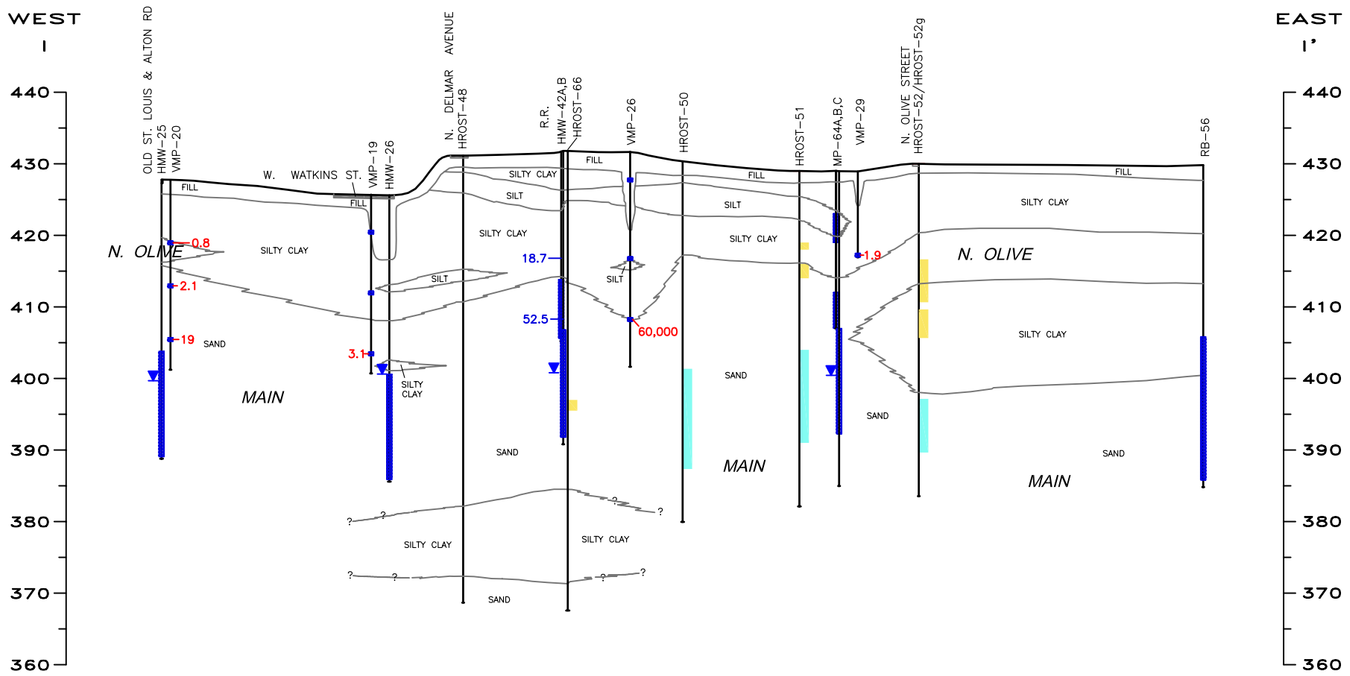


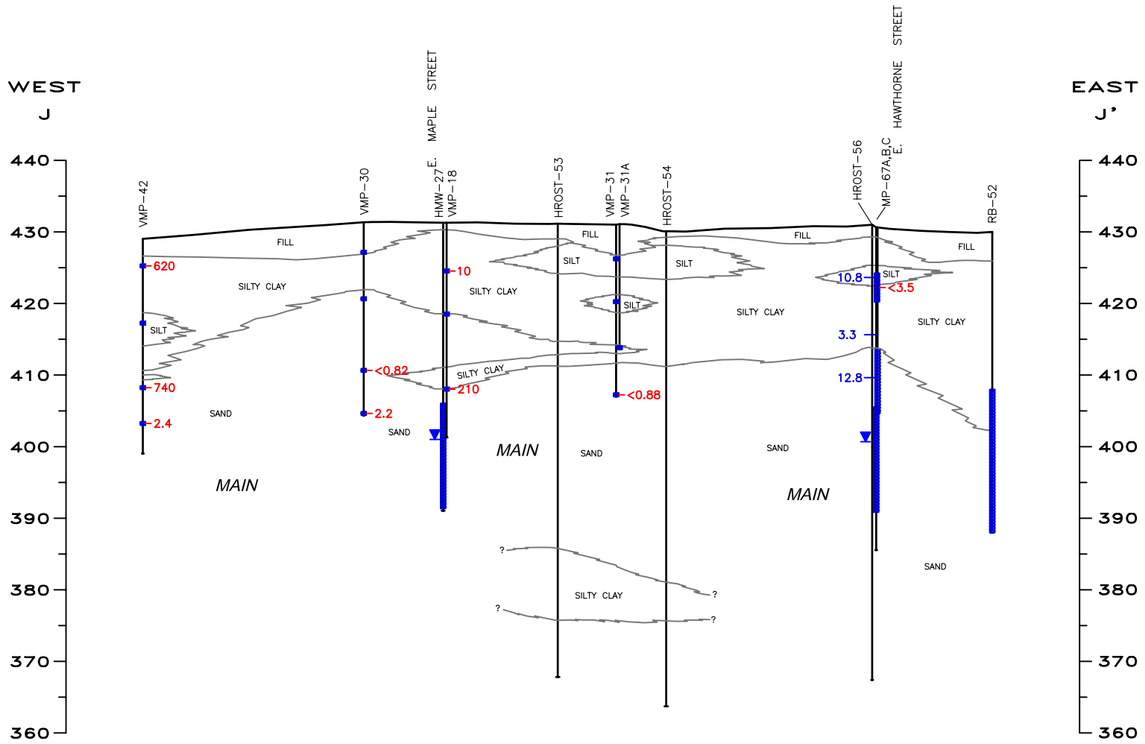
CHECK BY	KDC
DRAWN BY	BCP
DATE	4-8-04
SCALE	AS SHOWN
CAD NO.	0309507e5a
PRJ NO.	15-03095

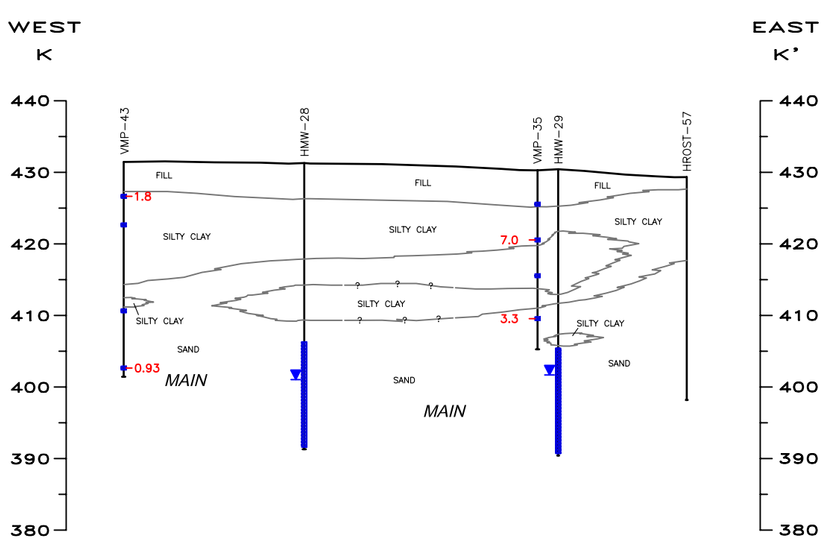
GROUNDWATER FLOW MAP
JANUARY 26-28, 2004
MAIN SAND
THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

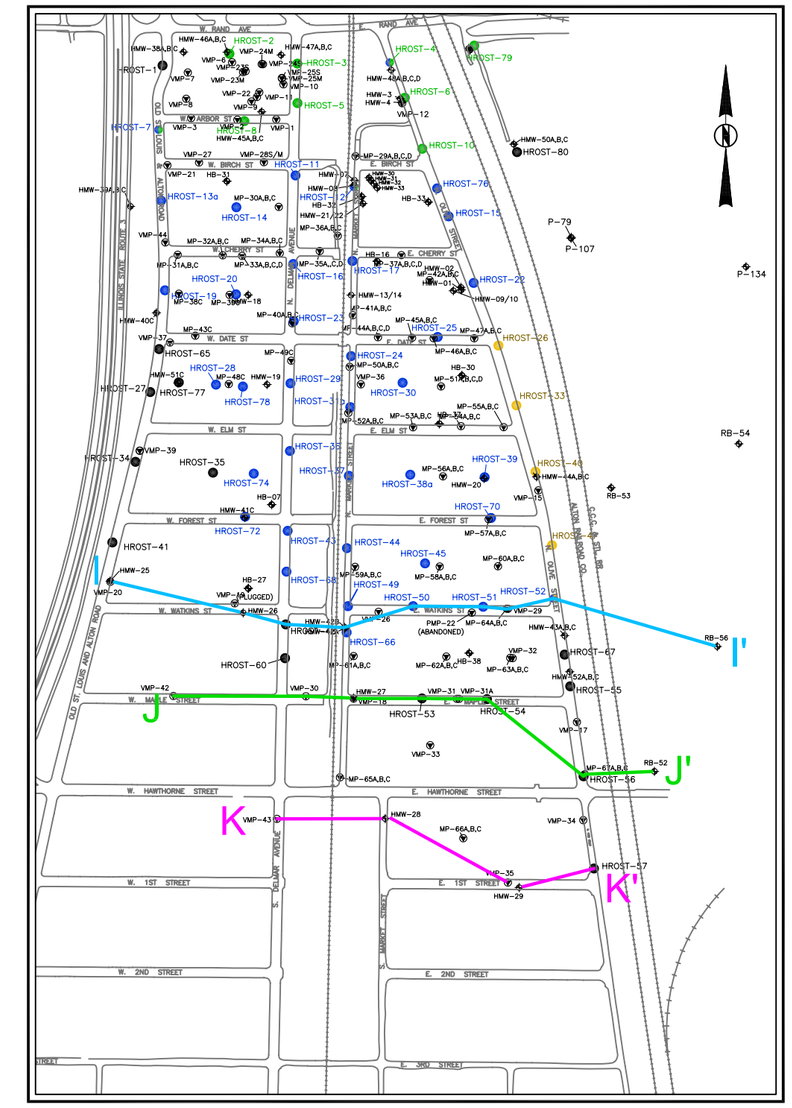
Clayton GROUP SERVICES

FIGURE 2-12









REFERENCE MAP

LEGEND

- YELLOW ROST RESPONSE
- GREEN ROST RESPONSE
- BLUE ROST RESPONSE
- GROUNDWATER ELEVATION (MEASURED SEPTEMBER 20–22, 2004)
- FPH ELEVATION (IF PRESENT) (MEASURED SEPTEMBER 20–22, 2004)
- 3.1 SOIL VAPOR CONCENTRATION BENZENE VALUE (ppbv)
- 18.7 SOIL CHEMICAL ANALYSIS TOTAL BETX VALUE (ug/kg)

NOTES:

1. CROSS SECTIONS ARE BASED ON BEST PROFESSIONAL JUDGMENT USING DATA AVAILABLE AT THE TIME OF CONSTRUCTION. THE GEOLOGY PRESENTED IN THE CROSS SECTIONS WAS GENERALIZED TO ILLUSTRATE THE MAJOR LITHOLOGIC UNITS. THE THICKNESS AND EXTENT OF THE LITHOLOGIC UNITS ARE APPROXIMATED AND GEOLOGIC CONTACTS BETWEEN LOCATIONS ARE INFERRED.
2. HROST–SERIES BORINGS WERE COMPLETED, DURING JANUARY AND FEBRUARY 2004, BY FUGRO GEOSCIENCES, INC. USING CPT AND ROST™ METHODOLOGY. HROST–SERIES BORINGS, APPENDED WITH A "g", WERE COMPLETED ADJACENT TO THE ORIGINAL HROST–SERIES BORINGS, DURING JANUARY AND FEBRUARY 2004, BY PHILIP ENVIRONMENTAL SERVICES CORPORATION USING GEOPROBE® METHODOLOGY. HMW–25 AND HIGHER SERIES BORINGS AND MP SERIES WERE COMPLETED DURING JULY AND AUGUST 2004, BY PHILIP ENVIRONMENTAL SERVICES CORPORATION USING GEOPROBE® AND HOLLOW STEM AUGER METHODOLOGY. VMP SERIES BORINGS WERE COMPLETED BY ENSR CORPORATION. REMAINING BORINGS WERE COMPLETED BY OTHERS.
3. GROUND SURFACE ELEVATIONS FOR HROST SERIES LOCATIONS ARE APPROXIMATE AND WERE ESTIMATED FROM AVAILABLE NEARBY GROUND SURFACE ELEVATION SURVEY DATA AT VILLAGE MONITORING WELLS AND SELECTED SANITARY SEWER MANHOLES. GROUND SURFACE ELEVATIONS FOR HMW–25 AND HIGHER SERIES BORINGS AND MP SERIES WERE DETERMINED BY A 2004 SURVEY BY CMT, INC.
4. VERTICAL COLOR BARS ADJACENT TO HROST–SERIES BORINGS REPRESENT THE LOCATION AND VERTICAL EXTENT OF THE PETROLEUM HYDROCARBONS DETECTED BY THE ROST™ TECHNOLOGY. THE PRESENCE OF A COLOR BAR IS NOT A REPRESENTATION OF LIGHT NON–AQUEOUS PHASE LIQUID THICKNESS.
5. TWO OR MORE OF THE INDIVIDUAL HYDROCARBON COLORS REPRESENT COMMINGLED PETROLEUM HYDROCARBONS.
6. NO APPARENT PETROLEUM HYDROCARBONS WERE DETECTED AT THOSE HROST–SERIES BORINGS WITHOUT A VERTICAL COLOR BAR.
7. MAIN SAND, EPA STRATUM, RAND STRATUM AND NORTH OLIVE STRATUM ARE NAMES DEVELOPED FOR LOCAL HYDROSTRATIGRAPHIC UNITS.
8. WELLS MAY BE PROJECTED ONTO THE CROSS SECTION.

SCALE IN FEET

0 150 300 600

VERTICAL SCALE: 1' = 20'

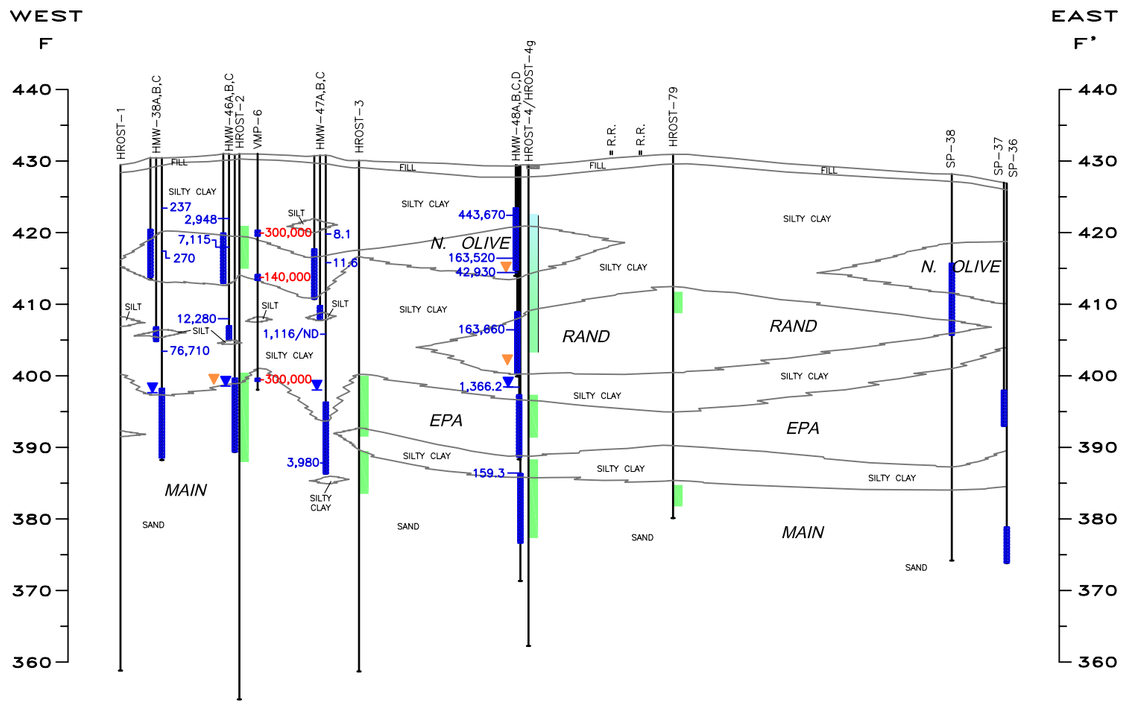
CHECK BY	
DRAWN BY	BCP
DATE	12–15–04
SCALE	AS SHOWN
CAD NO.	0309514006E4
PRJ NO.	15–03095.14

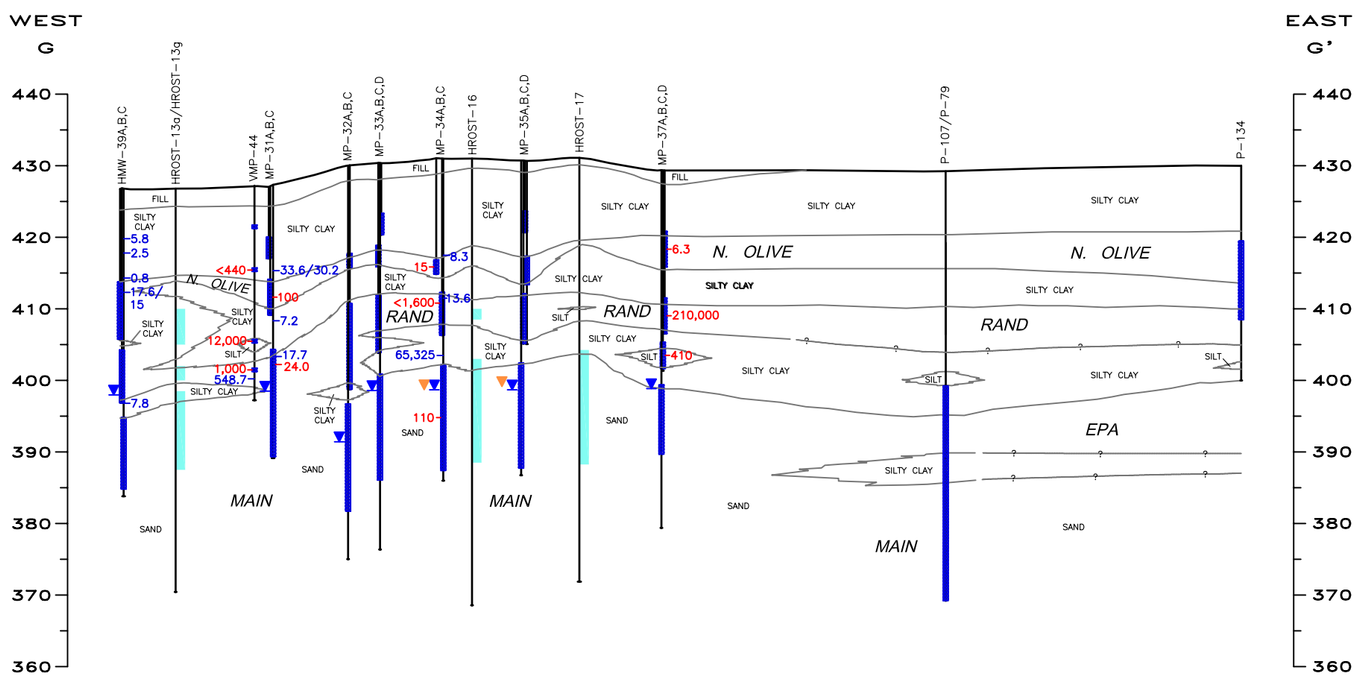
CROSS SECTIONS I–I', J–J', AND K–K'

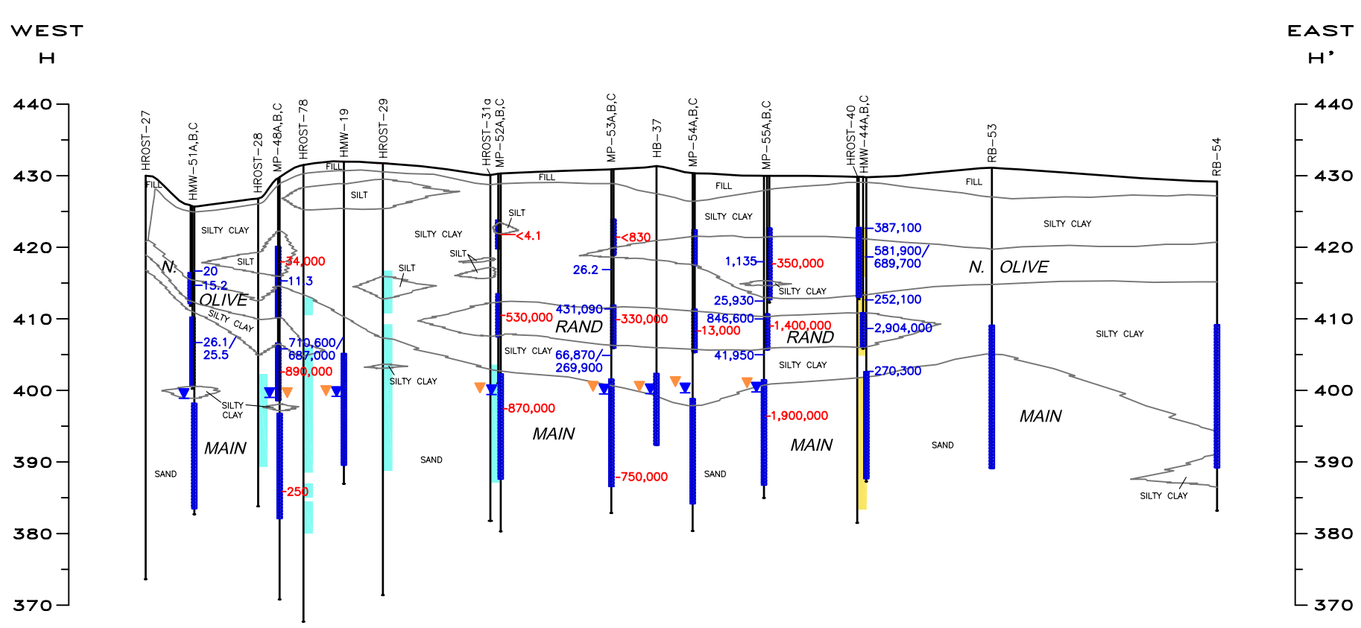
THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

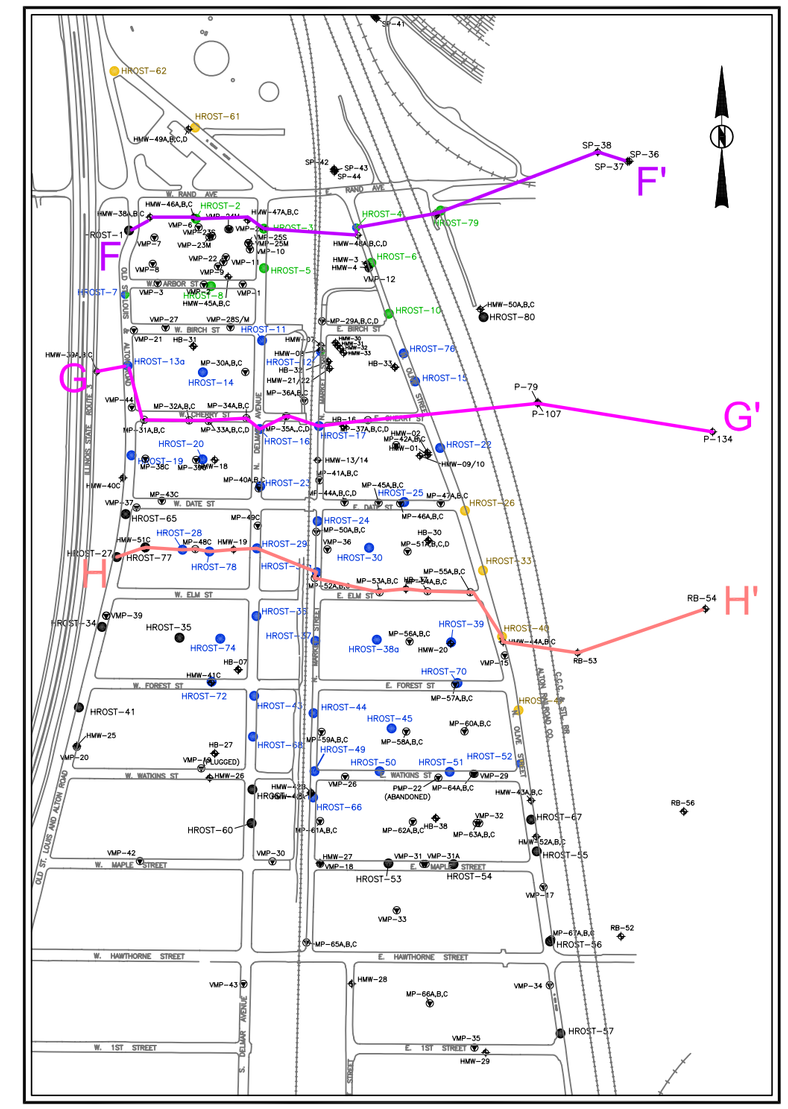
Clayton® GROUP SERVICES

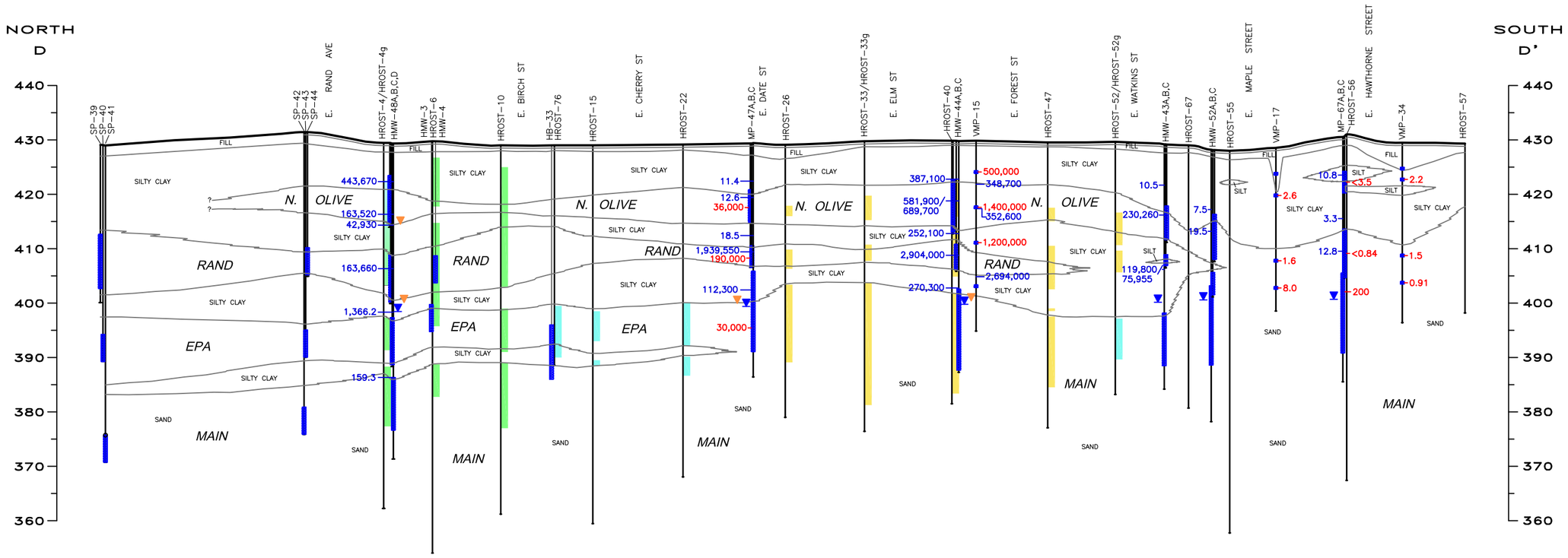
FIGURE 2–11

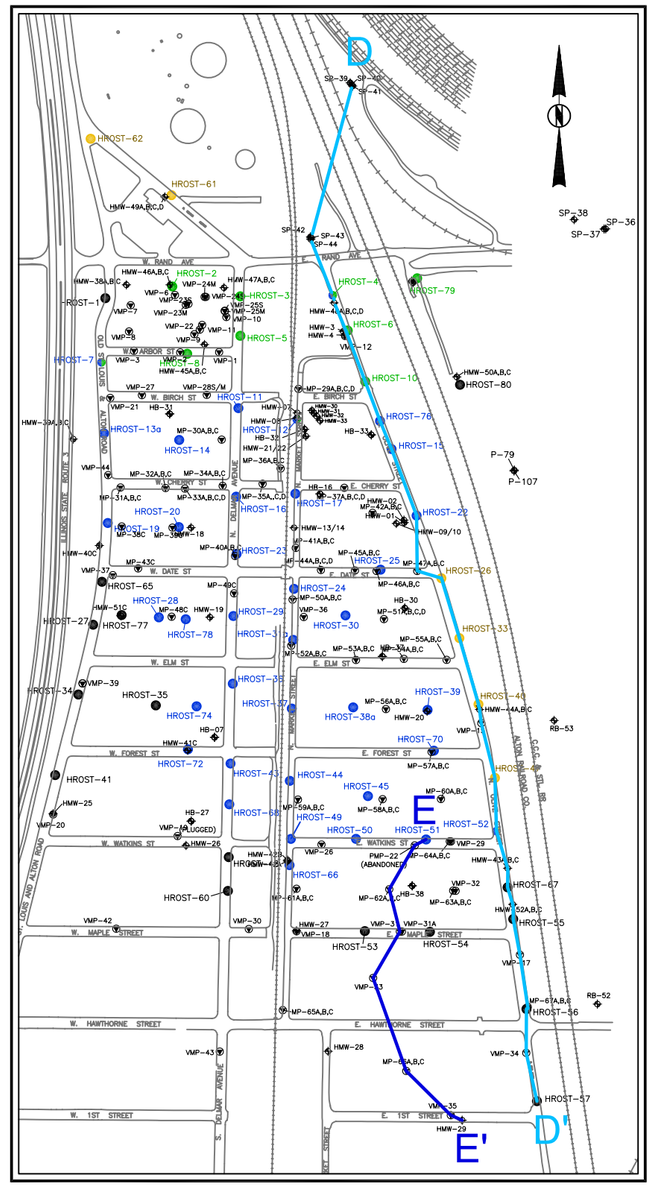







F
F'
G
G'
H
H'
N
HROST-62
HROST-61
HROST-79
P-79
P-107
P-134
RB-54
RB-53
RB-56
RB-52
W. RANDI AVE
W. BIRCH ST
W. DATE ST
W. ELM ST
W. FORREST ST
W. WATKINS ST
W. MAPLE STREET
W. HAWTHORNE STREET
W. 1ST STREET
E. HAWTHORNE STREET
E. 1ST STREET
E. FOREST ST
E. ELM ST
E. DATE ST
E. BIRCH ST
E. WATKINS ST
E. MAPLE STREET
N. LINDEN ROAD
N. ALDEN ROAD
N. ELM ROAD
N. ALLEN ROAD
N. ALLEN ROAD
N. ALLEN





REFERENCE MAP

LEGEND

- YELLOW ROST RESPONSE
- GREEN ROST RESPONSE
- BLUE ROST RESPONSE
- GROUNDWATER ELEVATION (MEASURED SEPTEMBER 20–22, 2004)
- FPH ELEVATION (IF PRESENT) (MEASURED SEPTEMBER 20–22, 2004)
- 1.4 SOIL VAPOR CONCENTRATION BENZENE VALUE (ppbv)
- 12.8 SOIL CHEMICAL ANALYSIS TOTAL BETX VALUE (ug/kg)

NOTES:

1. CROSS SECTIONS ARE BASED ON BEST PROFESSIONAL JUDGMENT USING DATA AVAILABLE AT THE TIME OF CONSTRUCTION. THE GEOLOGY PRESENTED IN THE CROSS SECTIONS WAS GENERALIZED TO ILLUSTRATE THE MAJOR LITHOLOGIC UNITS. THE THICKNESS AND EXTENT OF THE LITHOLOGIC UNITS ARE APPROXIMATED AND GEOLOGIC CONTACTS BETWEEN LOCATIONS ARE INFERRED.
2. HROST–SERIES BORINGS WERE COMPLETED, DURING JANUARY AND FEBRUARY 2004, BY FUGRO GEOSCIENCES, INC. USING CPT AND ROST™ METHODOLOGY. HROST–SERIES BORINGS, APPENDED WITH A "g", WERE COMPLETED ADJACENT TO THE ORIGINAL HROST–SERIES BORINGS, DURING JANUARY AND FEBRUARY 2004, BY PHILIP ENVIRONMENTAL SERVICES CORPORATION USING GEOPROBE® METHODOLOGY. HMW–25 AND HIGHER SERIES BORINGS AND MP SERIES WERE COMPLETED DURING JULY AND AUGUST 2004, BY PHILIP ENVIRONMENTAL SERVICES CORPORATION USING GEOPROBE® AND HOLLOW STEM AUGER METHODOLOGY. VMP SERIES BORINGS WERE COMPLETED BY ENSR CORPORATION. REMAINING BORINGS WERE COMPLETED BY OTHERS.
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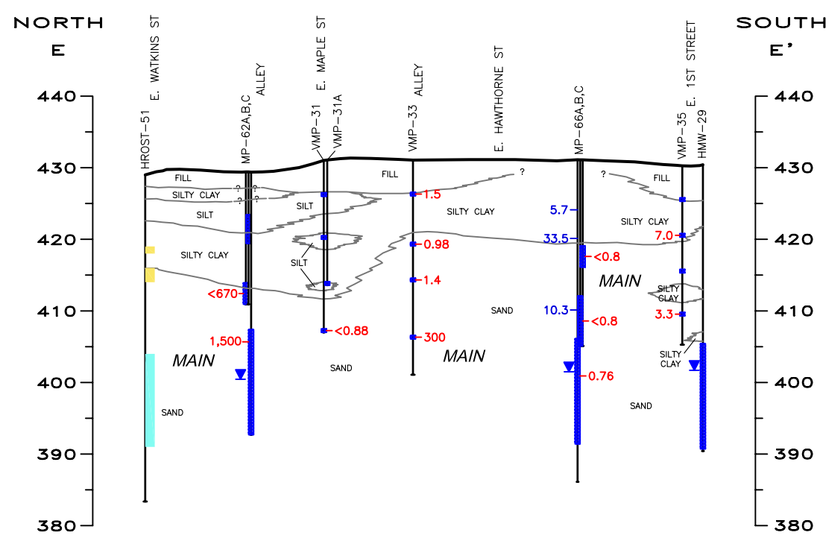
5. TWO OR MORE OF THE INDIVIDUAL HYDROCARBON COLORS REPRESENT COMMINGLED PETROLEUM HYDROCARBONS.
6. NO APPARENT PETROLEUM HYDROCARBONS WERE DETECTED AT THOSE HROST–SERIES BORINGS WITHOUT A VERTICAL COLOR BAR.
7. MAIN SAND, EPA STRATUM, RAND STRATUM AND NORTH OLIVE STRATUM ARE NAMES DEVELOPED FOR LOCAL HYDROSTRATIGRAPHIC UNITS.
8. WELLS MAY BE PROJECTED ONTO THE CROSS SECTION.



SCALE IN FEET

0 150 300 600

VERTICAL SCALE: 1' = 20'

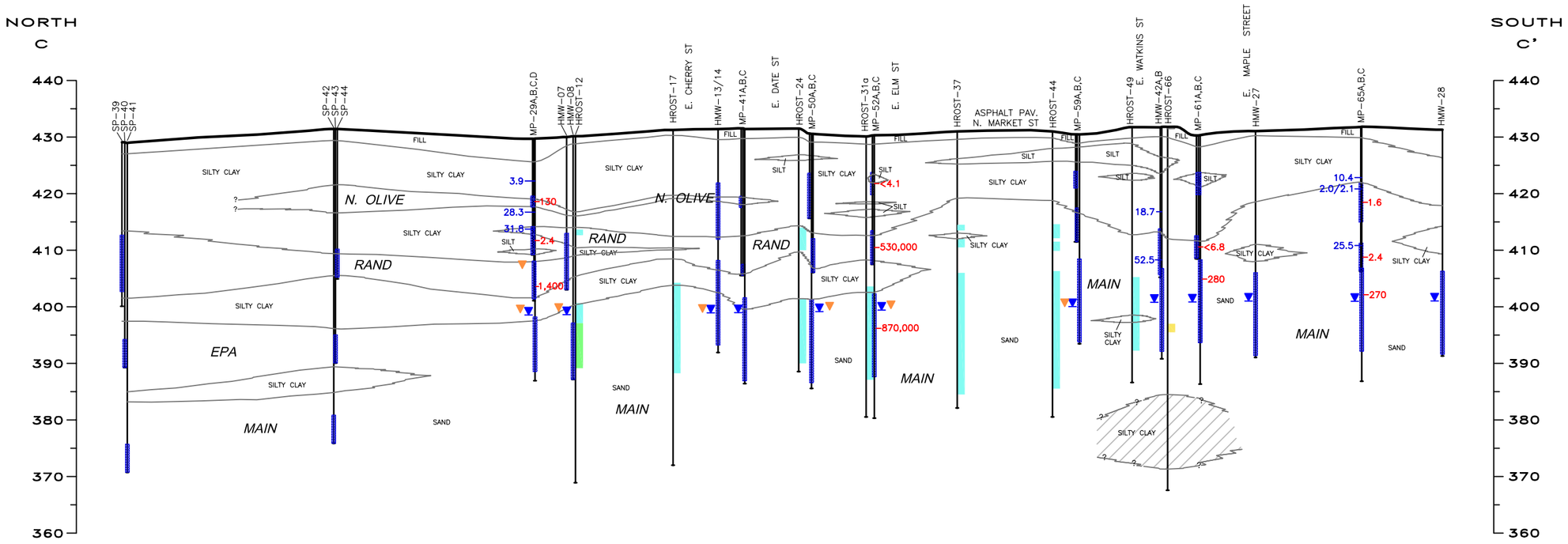
CHECK BY	
DRAWN BY	BCP
DATE	12–15–04
SCALE	AS SHOWN
CAD NO.	0309514006E2
PRJ NO.	15–03095.14

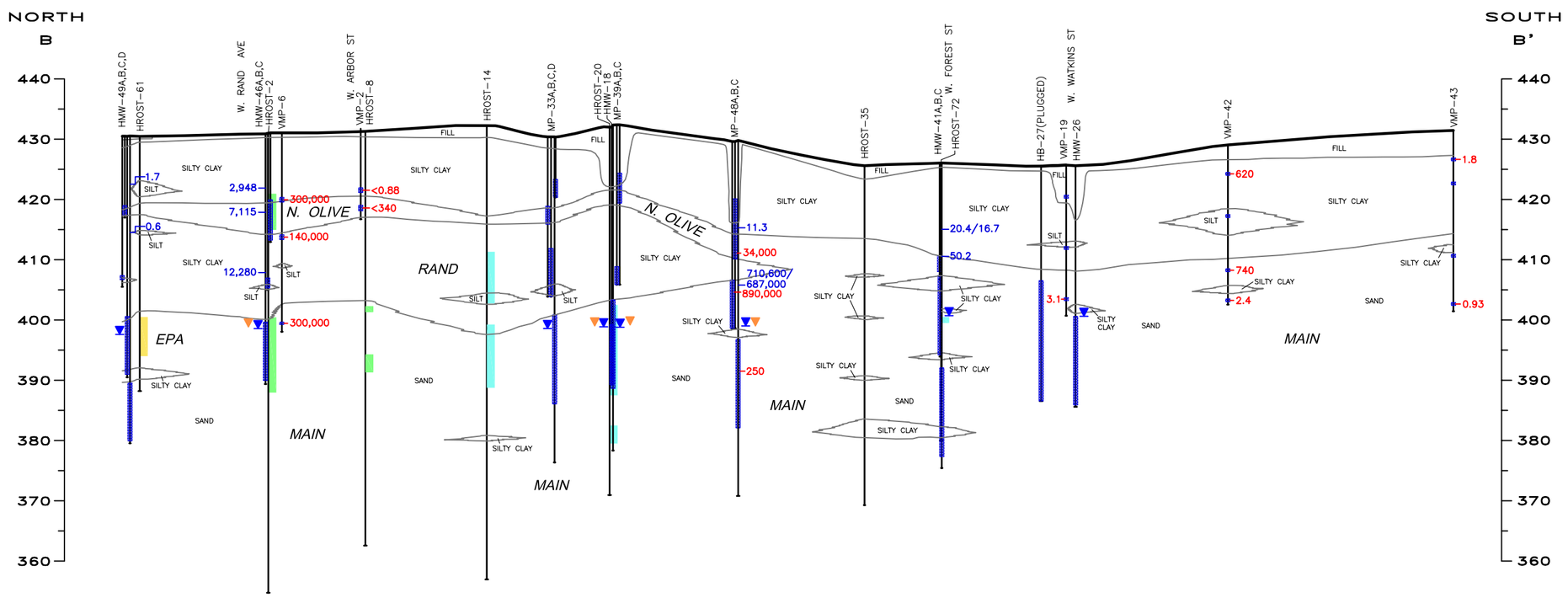
CROSS SECTIONS D–D' AND E–E'

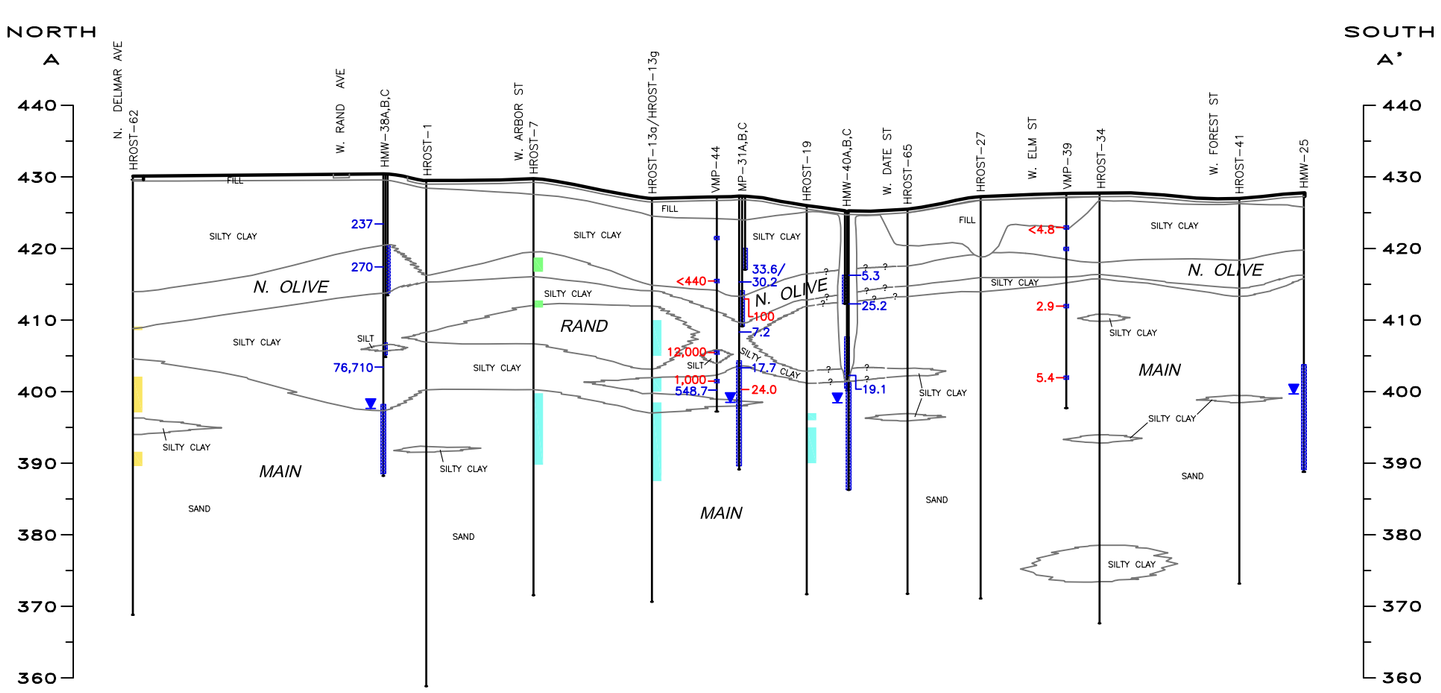
THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

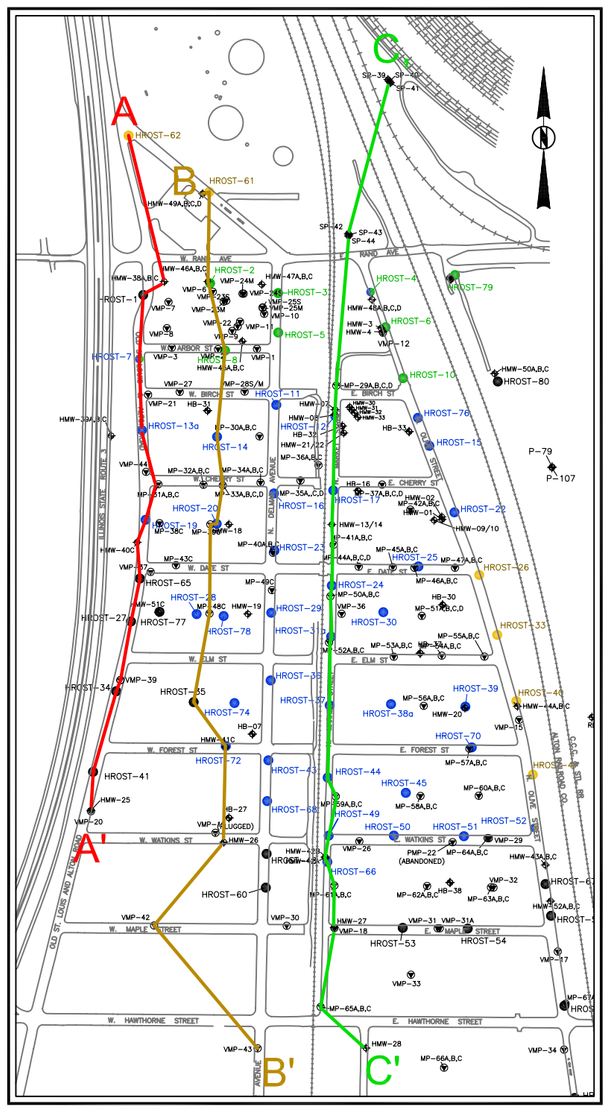
Clayton® GROUP SERVICES

FIGURE 2–9









REFERENCE MAP

LEGEND

- YELLOW ROST RESPONSE
- GREEN ROST RESPONSE
- BLUE ROST RESPONSE
- GROUNDWATER ELEVATION (MEASURED SEPTEMBER 20–22, 2004)
- FPH ELEVATION (IF PRESENT) (MEASURED SEPTEMBER 20–22, 2004)
- 1.8 SOIL VAPOR CONCENTRATION BENZENE VALUE (ppbv)
- 17.7 SOIL CHEMICAL ANALYSIS TOTAL BETX VALUE (ug/kg)

NOTES:

1. CROSS SECTIONS ARE BASED ON BEST PROFESSIONAL JUDGMENT USING DATA AVAILABLE AT THE TIME OF CONSTRUCTION. THE GEOLOGY PRESENTED IN THE CROSS SECTIONS WAS GENERALIZED TO ILLUSTRATE THE MAJOR LITHOLOGIC UNITS. THE THICKNESS AND EXTENT OF THE LITHOLOGIC UNITS ARE APPROXIMATED AND GEOLOGIC CONTACTS BETWEEN LOCATIONS ARE INFERRED.
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5. TWO OR MORE OF THE INDIVIDUAL HYDROCARBON COLORS REPRESENT COMMINGLED PETROLEUM HYDROCARBONS.
6. NO APPARENT PETROLEUM HYDROCARBONS WERE DETECTED AT THOSE HROST–SERIES BORINGS WITHOUT A VERTICAL COLOR BAR.
7. MAIN SAND, EPA STRATUM, RAND STRATUM AND NORTH OLIVE STRATUM ARE NAMES DEVELOPED FOR LOCAL HYDROSTRATIGRAPHIC UNITS.
8. WELLS MAY BE PROJECTED ONTO THE CROSS SECTION.

SCALE IN FEET

0 150 300 600

VERTICAL SCALE: 1' = 20'

CHECK BY	
DRAWN BY	BCP
DATE	12–15–04
SCALE	AS SHOWN
CAD NO.	0309514006E1
PRJ NO.	15–03095.14

CROSS SECTIONS A–A', B–B', AND C–C'

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton® GROUP SERVICES

FIGURE 2–8

LEGEND:

- A——A' CROSS SECTION REFERENCE LINE
- CPT/ROST™ INVESTIGATION LOCATION NO APPARENT PETROLEUM HYDROCARBON (BLACK)
- CPT/ROST™ INVESTIGATION LOCATION BLUE ROST RESPONSE
- CPT/ROST™ INVESTIGATION LOCATION GREEN ROST RESPONSE
- CPT/ROST™ INVESTIGATION LOCATION YELLOW ROST RESPONSE
- SENTINEL MONITORING WELLS
- EXISTING MONITORING WELL (HB, HMW, P, SP, RB)
- RECOVERY WELL (RW)
- PRODUCTION WELL (P)
- PUBLIC WATER SUPPLY WELL (WSW)
- EXISTING PERMANENT SOIL VAPOR SAMPLING POINTS (MP, VP, VMP)
- S/M/D SHALLOW/MEDIUM/DEEP
- PETROLEUM PIPELINE CORRIDORS (UNDERGROUND)
- INDUSTRIAL SEWER CORRIDOR (UNDERGROUND)

NOTE:
MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

SCALE IN FEET
0 100 200 400

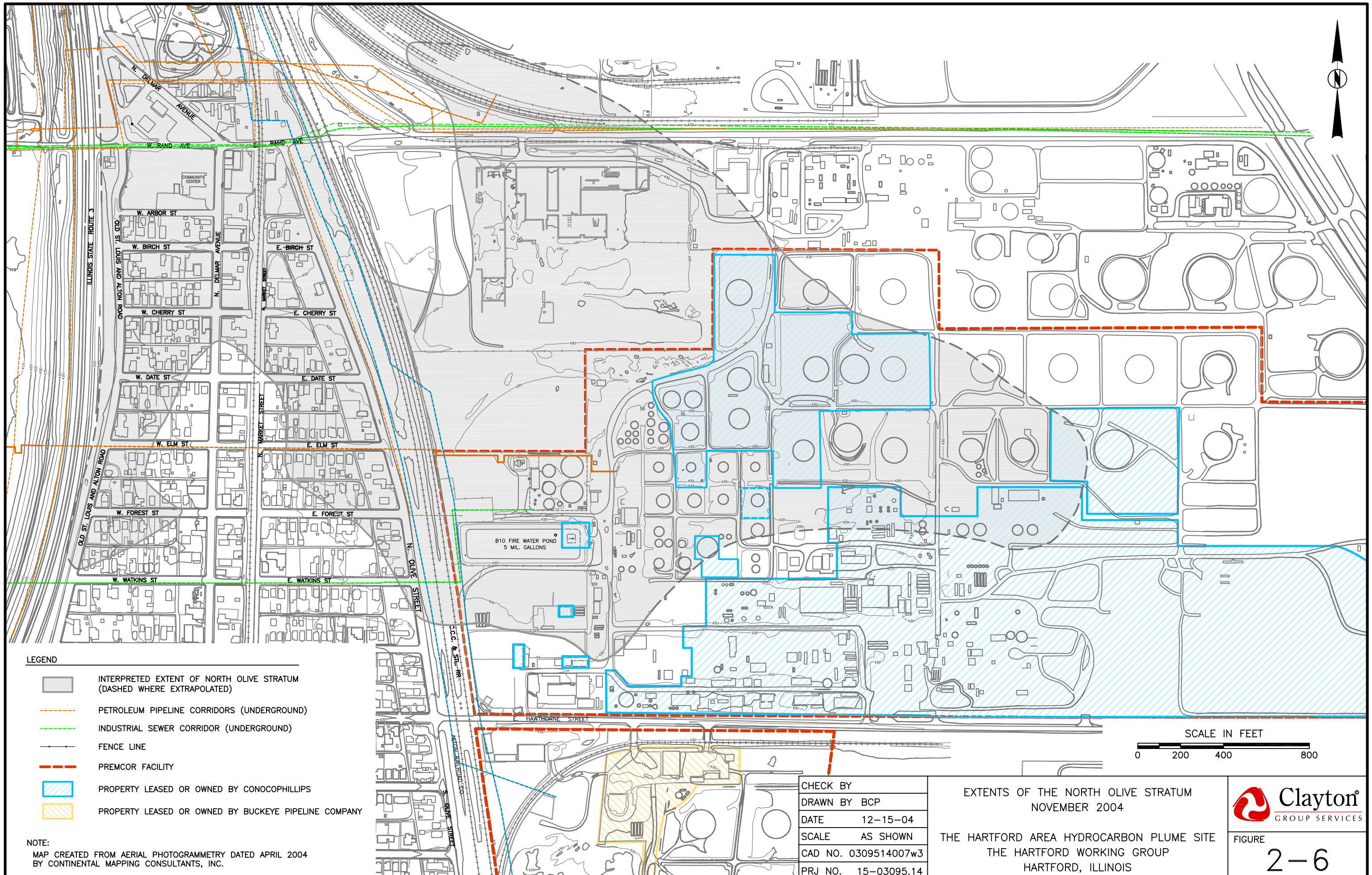
DESIGN BY:	
CHECKED BY:	
DRAWN BY:	BCP
DATE:	12-15-04
SCALE:	AS SHOWN
CAD NO.:	0309514006D
PROJECT NO.:	15-03095.14

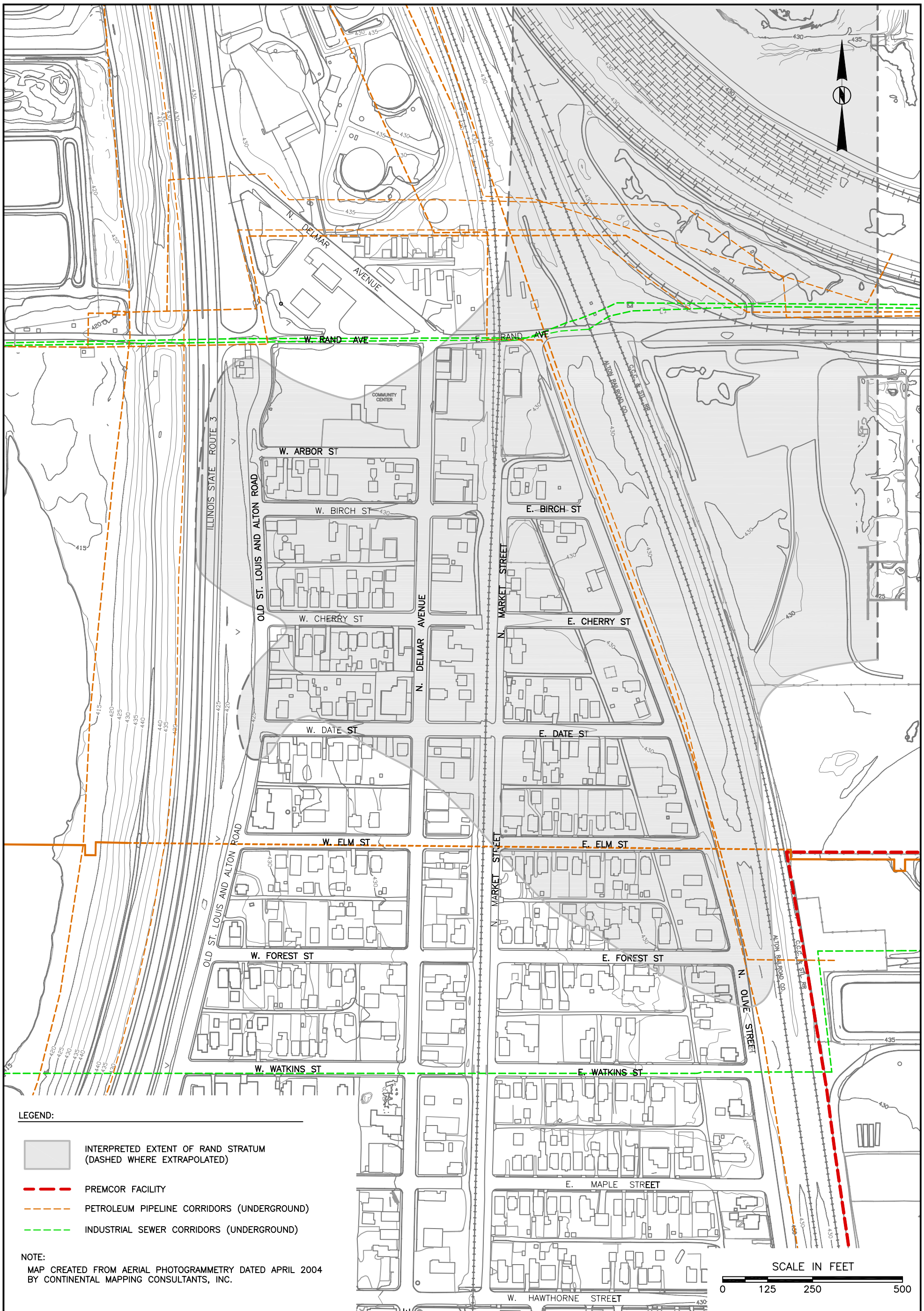
Clayton GROUP SERVICES

CROSS SECTION REFERENCE MAP

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

FIGURE 2-7


N. DELMAR AVENUE
W. RAND AVE
E. RAND AVE
COMMUNITY CENTER
W. ARBOR ST
W. BIRCH ST
E. BIRCH ST
W. CHERRY ST
E. CHERRY ST
W. DATE ST
E. DATE ST
W. ELM ST
E. ELM ST
W. FOREST ST
E. FOREST ST
W. WATKINS ST
E. WATKINS ST
ILLINOIS STATE ROUTE 3
OLD ST. LOUIS AND ALTON ROAD
N. DELMAR AVENUE
N. MARKET STREET
N. OLIVE STREET
S. OLIVE STREET
C.C.C. & STL RR
ATCHISON RAILROAD CO
B10 FIRE WATER POND
5 MIL. GALLONS
E. HAWTHORNE STREET
SCALE IN FEET
0
200
400
800
LEGEND
INTERPRETED EXTENT OF NORTH OLIVE STRATUM (DASHED WHERE EXTRAPOLATED)
PETROLEUM PIPELINE CORRIDORS (UNDERGROUND)
INDUSTRIAL SEWER CORRIDOR (UNDERGROUND)
FENCE LINE
PREMCOR FACILITY
PROPERTY LEASED OR OWNED BY CONOCOPHILLIPS
PROPERTY LEASED OR OWNED BY BUCKEYE PIPELINE COMPANY
NOTE:
MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.
CHECK BY
DRAWN BY BCP
DATE 12-15-04
SCALE AS SHOWN
CAD NO. 0309514007w3
PRJ NO. 15-03095.14
EXTENTS OF THE NORTH OLIVE STRATUM
NOVEMBER 2004
THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS
Clayton
GROUP SERVICES
FIGURE
2-6



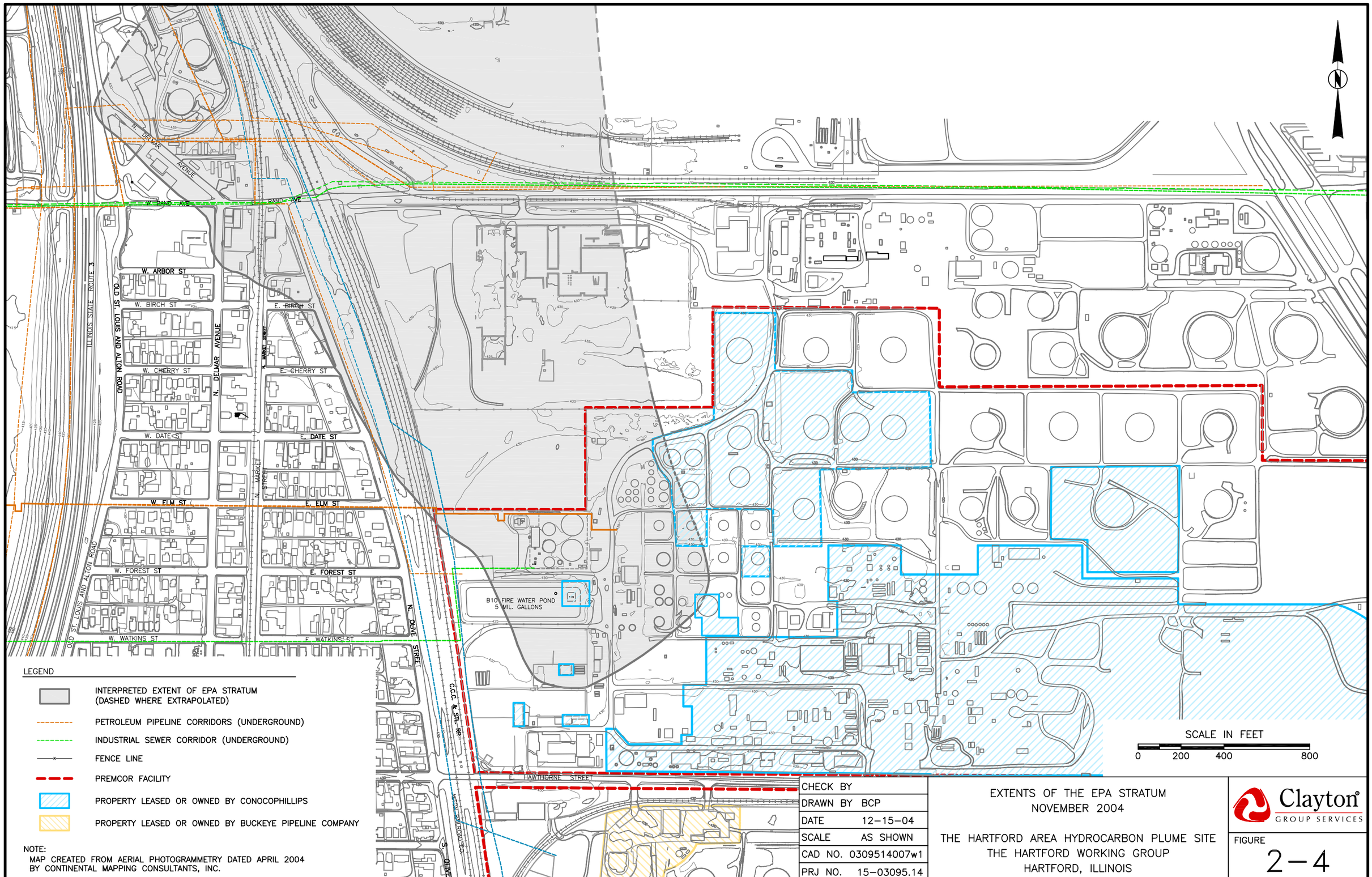
CHECK BY	KDC
DRAWN BY	BCP/OS
DATE	12-15-04
SCALE	AS SHOWN
CAD NO.	0309514007w2
PRJ NO.	15-03095

EXTENTS OF THE RAND STRATUM
NOVEMBER 2004

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton GROUP SERVICES

FIGURE 2-5



CHECK BY	
DRAWN BY	BCP
DATE	12–15–04
SCALE	AS SHOWN
CAD NO.	0309514007w1
PRJ NO.	15–03095.14

EXTENTS OF THE EPA STRATUM
NOVEMBER 2004

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton® GROUP SERVICES

FIGURE
2–4

LEGEND:

- CPT/ROST™ INVESTIGATION LOCATION NO APPARENT PETROLEUM HYDROCARBON (BLACK)
- CPT/ROST™ INVESTIGATION LOCATION BLUE ROST RESPONSE
- CPT/ROST™ INVESTIGATION LOCATION GREEN ROST RESPONSE
- CPT/ROST™ INVESTIGATION LOCATION YELLOW ROST RESPONSE
- SENTINEL MONITORING WELLS
- EXISTING MONITORING WELL (HB, HMW, P, SP, RB)
- RECOVERY WELL (RW)
- PRODUCTION WELL (P)
- VAPOR CONTROL BORING (VCB)/ SOIL VAPOR EXTRACTION WELL (HSVE)
- PUBLIC WATER SUPPLY WELL (WSW)
- EXISTING PERMANENT SOIL VAPOR SAMPLING POINTS (MP, VP, VMP)
- S/M/D SHALLOW/MEDIUM/DEEP
- EXISTING PRAXAIR SAMPLING PROBE LOCATION
- TEST PIT (TP)
- PETROLEUM PIPELINE CORRIDORS (UNDERGROUND)
- INDUSTRIAL SEWER CORRIDOR (UNDERGROUND)

NOTE:
MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL 2004 BY CONTINENTAL MAPPING CONSULTANTS, INC.

SCALE IN FEET
0 100 200 400

DESIGN BY:	
CHECKED BY:	
DRAWN BY:	BCP
DATE:	12-15-04
SCALE:	AS SHOWN
CAD NO.:	0309514006A
PROJECT NO.:	15-03095.14

Clayton GROUP SERVICES

NORTH HARTFORD SITE FEATURES MAP
VILLAGE OF HARTFORD, ILLINOIS

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

FIGURE
2-3

NOTES:

1. MAP CREATED FROM AERIAL PHOTOGRAMMETRY DATED APRIL 2004 BY CONTINENTIAL MAPPING CONSULTANTS, INC.
2. CONTOUR INTERVAL = 1' FOOT

DESIGN BY:	
CHECKED BY:	
DRAWN BY:	BCP
DATE:	12-15-04
SCALE:	AS SHOWN
CAD NO.:	0309514006A1
PROJECT NO.:	15-03095.14

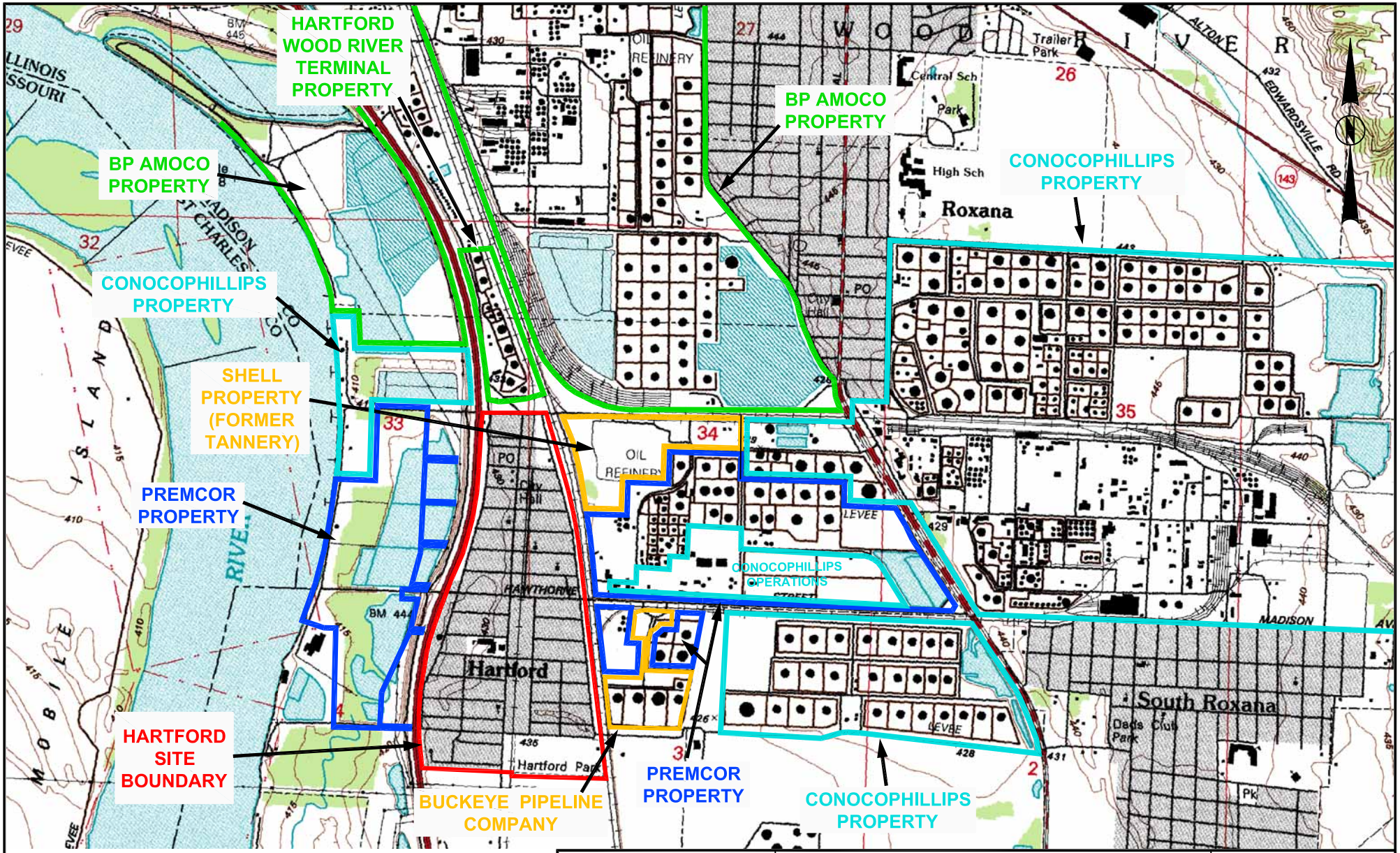
Clayton GROUP SERVICES

NORTH HARTFORD TOPOGRAPHIC MAP
VILLAGE OF HARTFORD, ILLINOIS

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

FIGURE

2-2



** NOT TO SCALE **

SOURCE:
USGS 7.5 MINUTE SERIES TOPOGRAPHIC MAP
(WOOD RIVER, ILL.–MO. – rev.1994)

CHK BY	
DWN BY	BCP
DATE	12–15–04
SCALE	AS SHOWN
CAD NO.	0309512001B
PRJ NO.	15–03095.14

VILLAGE OF HARTFORD, IL AND SURROUNDING AREA MAP

THE HARTFORD AREA HYDROCARBON PLUME SITE
THE HARTFORD WORKING GROUP
HARTFORD, ILLINOIS

Clayton® GROUP SERVICES

FIGURE
2–1

TABLE 5-1
Proposed Quarterly Groundwater Sampling Well List
Hartford Area Hydrocarbon Plume Site

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

WELLS/ PROBES	STRATUM				COMMENTS	SAMPLED PREVIOUSLY	CAN BE SAMPLED	APPROX. WATER COLUMN (feet)	WITHIN IDENTIFIED LNAPL MOBILE MAIN SAND PLUME	DATE PRODUCT WAS LAST EVIDENT
	NORTH OLIVE	RAND	EPA	MAIN SAND						
HMW-25				X	SENTINEL WELL	YES	YES	11.0		N/A
HMW-26				X	SENTINEL WELL	YES	YES	15.0		N/A
HMW-27				X	SENTINEL WELL	YES	YES	8.7		N/A
HMW-28				X	SENTINEL WELL	YES	YES	11.0		N/A
HMW-29				X	SENTINEL WELL	YES	YES	7.0		N/A
HMW-38C				X		YES	YES	10.0		N/A
HMW-39B		X (D)			RAND	YES	YES	6.5		N/A
HMW-39C				X		YES	YES	12.5		N/A
HMW-40C				X (D)		YES	YES	12.5		N/A
HMW-41B				X (S)		YES	YES	5.5		N/A
HMW-41C				X (D)		YES	YES	22.0		N/A
HMW-42B				X (D)		YES	YES	8.5		N/A
HMW-43C				X (D)		YES	YES	10.5		N/A
HMW-46B		X				NO	MAYBE	1.3		N/A
HMW-47B		X			CLAY ABOVE EPA BELOW N. OLIVE	NO	MAYBE	1.0		N/A
HMW-48A	X					NO	MAYBE	1.0		N/A
HMW-49B		X				NO	MAYBE	0.9		N/A
HMW-49C			X			YES	YES	9.0	X	N/A
HMW-49D				X		YES	YES	17.0		N/A
HMW-50A		X				YES	YES	11.0	X	N/A
HMW-50B			X			YES	YES	11.0	X	N/A
HMW-50C				X		YES	YES	23.0		N/A
HMW-51C				X (D)		YES	YES	15.0		N/A
HMW-52C				X (D)		YES	YES	11.0		N/A
MP-30B		X				NO	MAYBE	2.5	X	N/A
MP-31B	X					NO	MAYBE	1.7		N/A
MP-31C				X		NO	YES	9.0		N/A
MP-36B		X				NO	MAYBE	4.0	X	N/A
MP-37C		X (D)				NO	MAYBE	4.2	X	N/A
MP-39B		X				NO	MAYBE	3.5	X	N/A
MP-50A					FILL/CLAY ABOVE RAND	NO	MAYBE	4.5		N/A
MP-50B		X				NO	MAYBE	0.8	X	N/A
MP-59A					FILL/CLAY ABOVE MAIN	NO	MAYBE	0.8		N/A
MP-61C				X (D)		YES	YES	7.0		N/A
MP-62C				X (D)		YES	YES	8.0		N/A

TABLE 5-1
Proposed Quarterly Groundwater Sampling Well List
Hartford Area Hydrocarbon Plume Site

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

WELLS/ PROBES	STRATUM				COMMENTS	SAMPLED PREVIOUSLY	CAN BE SAMPLED	APPROX. WATER COLUMN (feet)	WITHIN IDENTIFIED LNAPL MOBILE MAIN SAND PLUME	DATE PRODUCT WAS LAST EVIDENT
	NORTH OLIVE	RAND	EPA	MAIN SAND						
MP-63C				X (D)		YES	YES	16.0		N/A
MP-64A					FILL/CLAY ABOVE MAIN	NO	MAYBE	0.8		N/A
MP-65C				X (D)		YES	YES	9.5		N/A
MP-66C				X (D)		YES	YES	10.0		N/A
MP-67C				X (D)		YES	YES	9.8		N/A

NOTES:
X = Screened Stratum
S = Shallow
D = Deep
N/A = Not Applicable
Designation of Maybe in the "Can Be Sampled" column acknowledges well/probe may not produce sufficient water to obtain sample.
(D) in the stratum column identifies well/probe as being the deepest well/probe in the identified stratum.

TABLE 4-5
Groundwater Analytical Results
VOCs
(Sentinel Wells)

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

CHEMICAL NAME	Taco Tier 1 Groundwater Remediation Objectives Class I	SENTINEL WELL NUMBERS AND COLLECTION DATE									
		HMW-25					HMW-26				
		12/16/03	4/22/04	7/7/04	Dup-001 7/7/04	10/19/04	12/16/03	4/22/04	7/7/04	10/20/04	Dup-001 10/20/04
VOCs (mg/L)	(mg/L)										
1,4-Dioxane	NL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
VOCs (µg/L)	(µg/L)										
1,1,1-Trichloroethane	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	700	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane	0.05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	NL	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NL	<50.0	<50.0	<25.0	<25.0	<25.0	<50.0	<50.0	<25.0	<25.0	<25.0
Benzene	5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Carbon disulfide	700	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	0.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	700	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl tert-butyl ether	70	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Styrene	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5.0	<5.0	<5.0	<5.0	<5.0	1.4 J	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	1000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes (total)	10000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

NOTES:
TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
µg/L = Micrograms per liter
[ ] = Detection Limit above TACO
J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO GROs.
NL = No groundwater remediation objective listed in TACO

TABLE 4-5
Groundwater Analytical Results
VOCs
(Sentinel Wells)

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

CHEMICAL NAME	Taco Tier 1 Groundwater Remediation Objectives Class I	SENTINEL WELL NUMBERS AND COLLECTION DATE												
		HMW-27					HMW-28				HMW-29			
		12/16/03	4/22/04	Dup-01 4/22/04	7/7/04	10/20/04	12/16/03	4/22/04	7/7/04	10/20/04	12/17/03	4/22/04	7/7/04	10/20/04
VOCs (mg/L)	(mg/L)													
1,4-Dioxane	NL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
VOCs (µg/L)	(µg/L)													
1,1,1-Trichloroethane	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	700	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane	0.05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	NL	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NL	<50.0	<50.0	<50.0	<25.0	<25.0	<50.0	<50.0	<25.0	<25.0	<50.0	<50.0	<25.0	<25.0
Benzene	5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Carbon disulfide	700	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	0.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	700	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl tert-butyl ether	70	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Styrene	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	1000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes (total)	10000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

NOTES:
TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
µg/L = Micrograms per liter
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TABLE 4-5
Groundwater Analytical Results
SVOCs
(Sentinel Wells)

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

CHEMICAL NAME	Taco Tier 1 Groundwater Remediation Objectives Class I (mg/L)	SENTINEL WELLS AND COLLECTION DATE									
		HMW-25					HMW-26				
		12/16/03	4/22/04	7/7/04	Dup-001 7/7/04	10/19/04	12/16/03	4/22/04	7/7/04	10/20/04	Dup-001 10/20/04
SVOCs (mg/L)											
2,4-Dimethylphenol	0.14	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-Dinitrophenol	0.014	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.020	<0.020
4-Nitrophenol	NL	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.020	<0.020
Bis(2-ethylhexyl)phthalate	0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Di-n-butyl phthalate	0.7	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethyl phthalate	5.6	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethyl phthalate	NL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
m,p-Cresol	NL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
o-Cresol	0.35	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Pyridine	NL	<0.020	<0.020	<0.020	<0.020	<0.010	<0.020	<0.020	<0.020	<0.010	<0.010
Quinoline	NL	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	0.42	<0.00500	<0.010	<0.00300	<0.00300	<0.00300	<0.00500	<0.010	<0.00300	<0.00300	<0.00300
Acenaphthylene	NL	NA	NA	NA	NA	<0.00150	NA	NA	NA	<0.00150	<0.00150
Anthracene	2.1	<0.00500	<0.010	<0.00030	<0.00030	<0.00030	<0.00500	<0.010	<0.00030	<0.00030	<0.00030
Benzo(a)anthracene	0.00013	<0.00010	<0.010	<0.00009	<0.00009	<0.00009	<0.00010	<0.010	<0.00009	<0.00009	<0.00009
Benzo(a)pyrene	0.0002	<0.00020	<0.010	<0.00012	<0.00012	<0.00012	<0.00020	<0.010	<0.00012	<0.00012	<0.00012
Benzo(b)fluoranthene	0.00018	<0.00018	<0.010	<0.00015	<0.00015	<0.00015	<0.00018	<0.010	<0.00015	<0.00015	<0.00015
Benzo(k)fluoranthene	0.00017	<0.00017	<0.010	<0.00015	<0.00015	<0.00015	<0.00017	<0.010	<0.00015	<0.00015	<0.00015
Chrysene	0.0015	<0.00080	<0.010	<0.00045	<0.00045	<0.00045	<0.00080	<0.010	<0.00045	<0.00045	<0.00045
Dibenzo(a,h)anthracene	0.0003	<0.00030	<0.010	<0.00018	<0.00018	<0.00018	<0.00030	<0.010	<0.00018	<0.00018	<0.00018
Fluoranthene	0.28	<0.00200	<0.010	<0.00090	<0.00090	<0.00090	<0.00200	<0.010	<0.00090	<0.00090	<0.00090
Fluorene	0.28	<0.00100	<0.010	<0.00030	<0.00030	<0.00030	<0.00100	<0.010	<0.00030	<0.00030	<0.00030
Indeno(1,2,3-cd)pyrene	0.00043	<0.00040	<0.010	<0.00030	<0.00030	<0.00030	<0.00040	<0.010	<0.00030	<0.00030	<0.00030
Naphthalene	0.14	<0.00500	<0.010	<0.00300	<0.00300	<0.00300	<0.00500	<0.010	<0.00300	<0.00300	<0.00300
Phenanthrene	NL	<0.00500	<0.010	<0.00060	<0.00060	<0.00060	<0.00500	<0.010	<0.00060	<0.00060	<0.00060
Pyrene	0.21	<0.00200	<0.010	<0.00030	<0.00030	<0.00030	<0.00200	<0.010	<0.00030	<0.00030	<0.00030

NOTES:
TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
µg/L = Micrograms per liter
[ ] = Detection Limit above TACO
J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO GROs.
NA = Constituent not analyzed by laboratory
NL = No groundwater remediation objective listed in TACO

TABLE 4-5
Groundwater Analytical Results
SVOCs
(Sentinel Wells)

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

CHEMICAL NAME	SENTINEL WELLS AND COLLECTION DATE												
	HMW-27					HMW-28				HMW-29			
	12/16/03	4/22/04	Dup-01 4/22/04	7/7/04	10/20/04	12/16/03	4/22/04	7/7/04	10/20/04	12/17/03	4/22/04	7/7/04	10/20/04
SVOCs (mg/L)													
2,4-Dimethylphenol	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
2,4-Dinitrophenol	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.020	<0.011	<0.010	<0.010	<0.020
4-Nitrophenol	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.020	<0.011	<0.010	<0.010	<0.020
Bis(2-ethylhexyl)phthalate	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Di-n-butyl phthalate	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Diethyl phthalate	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Dimethyl phthalate	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
m,p-Cresol	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
o-Cresol	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Phenol	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Pyridine	<0.020	<0.020	<0.020	<0.020	<0.010	<0.020	<0.020	<0.020	<0.010	<0.021	<0.020	<0.020	<0.010
Quinoline	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	<0.00500	<0.010	<0.010	<0.00300	<0.00300	<0.00500	<0.010	<0.00300	<0.00300	<0.00500	<0.010	<0.00300	<0.00300
Acenaphthylene	NA	NA	NA	NA	<0.00150	NA	NA	NA	<0.00150	NA	NA	NA	<0.00150
Anthracene	<0.00500	<0.010	<0.010	<0.00030	<0.00030	<0.00500	<0.010	<0.00030	<0.00030	<0.00500	<0.010	<0.00030	<0.00030
Benzo(a)anthracene	<0.00010	<0.010	<0.010	<0.00009	<0.00009	<0.00010	<0.010	<0.00009	<0.00009	<0.00010	<0.010	<0.00009	<0.00009
Benzo(a)pyrene	<0.00020	<0.010	<0.010	<0.00012	<0.00012	<0.00020	<0.010	<0.00012	<0.00012	<0.00020	<0.010	<0.00012	<0.00012
Benzo(b)fluoranthene	<0.00018	<0.010	<0.010	<0.00015	<0.00015	<0.00018	<0.010	<0.00015	<0.00015	<0.00018	<0.010	<0.00015	<0.00015
Benzo(k)fluoranthene	<0.00017	<0.010	<0.010	<0.00015	<0.00015	<0.00017	<0.010	<0.00015	<0.00015	<0.00017	<0.010	<0.00015	<0.00015
Chrysene	<0.00080	<0.010	<0.010	<0.00045	<0.00045	<0.00080	<0.010	<0.00045	<0.00045	<0.00080	<0.010	<0.00045	<0.00045
Dibenzo(a,h)anthracene	<0.00030	<0.010	<0.010	<0.00018	<0.00018	<0.00030	<0.010	<0.00018	<0.00018	<0.00030	<0.010	<0.00018	<0.00018
Fluoranthene	<0.00200	<0.010	<0.010	<0.00090	<0.00090	<0.00200	<0.010	<0.00090	<0.00090	<0.00200	<0.010	<0.00090	<0.00090
Fluorene	<0.00100	<0.010	<0.010	<0.00030	<0.00030	<0.00100	<0.010	<0.00030	<0.00030	<0.00100	<0.010	<0.00030	<0.00030
Indeno(1,2,3-cd)pyrene	<0.00040	<0.010	<0.010	<0.00030	<0.00030	<0.00040	<0.010	<0.00030	<0.00030	<0.00040	<0.010	<0.00030	<0.00030
Naphthalene	<0.00500	<0.010	<0.010	<0.00300	<0.00300	<0.00500	<0.010	<0.00300	<0.00300	<0.00500	<0.010	<0.00300	<0.00300
Phenanthrene	<0.00500	<0.010	<0.010	<0.00060	<0.00060	<0.00500	<0.010	<0.00060	<0.00060	<0.00500	<0.010	<0.00060	<0.00060
Pyrene	<0.00200	<0.010	<0.010	<0.00030	<0.00030	<0.00200	<0.010	<0.00030	<0.00030	<0.00200	<0.010	<0.00030	<0.00030

TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
µg/L = Micrograms per liter
[ ] = Detection Limit above TACO
J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO GROs.
NA = Constituent not analyzed by laboratory
NL = No groundwater remediation objective listed in TACO

TABLE 4-5
Groundwater Analytical Results
Metals
(Sentinel Wells)

The Hartford Working Group / Hartford, IL
1190505040 -- Madison County -- IL 000128249

CHEMICAL NAME	Taco Tier 1 Groundwater Remediation Objectives Class I (mg/L)	SENTINEL WELL NUMBER AND COLLECTION DATE									
		HMW-25					HMW-26				
		12/16/03	4/22/04	7/7/04	Dup-001 7/7/04	10/19/04	12/16/03	4/22/04	7/7/04	10/20/04	Dup-001 10/20/04
Metals (mg/L)											
Barium	2	0.318	0.238	0.256	0.257	0.300	0.362	0.242	0.222	0.206	0.202
Beryllium	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0003 J	<0.0010	<0.0010	<0.0010	<0.0010
Cadmium	0.005	<0.0020	0.0004 J	0.0003J	0.0003J	0.004J	<0.0020	<0.0020	0.0003J	<0.0020	0.0003J
Chromium	0.1	0.0098J	0.0061 J	<0.0100	<0.0100	<0.0100	0.0311	0.0041 J	<0.0100	<0.0100	<0.0100
Cobalt	1	0.0045J	<0.0100	<0.0100	<0.0100	<0.0100	0.0077 J	<0.0100	<0.0100	<0.0100	<0.0100
Nickel	0.1	0.0178	0.0128	0.0087J	0.0107	0.0149	0.0219	<0.0100	<0.0100	<0.0100	<0.0100
Silver	0.05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Vanadium	0.049	0.0093J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Zinc	5	0.210	0.241	0.0838	0.0832	0.171	0.276	0.118	0.0258	0.105	0.129
Antimony	0.006	<0.0050	0.0023 J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Arsenic	0.05	0.0011J	<0.0030	<0.0030	<0.0030	<0.0030	0.0045	0.0065	0.0012J	0.0020J	0.0017J
Lead	0.0075	0.0053	<0.0020	<0.0020	<0.0020	0.0009J	**0.0159**	0.0033	<0.0020	0.0008J	0.0006J
Selenium	0.05	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
Mercury	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
General Chemistry (mg/L)											
Cyanide	0.2	<0.007	<0.007	<0.007	<0.007	<0.050	<0.007	<0.007	<0.007	<0.050	<0.050

NOTES:
TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
µg/L = Micrograms per liter
[ ] = Detection Limit above TACO
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Bold and highlighted values exceed TACO GROs.
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TABLE 4-5
Groundwater Analytical Results
Metals
(Sentinel Wells)

The Hartford Working Group / Hartford, IL
1190505040 -- Madison County -- IL 000128249

CHEMICAL NAME	Taco Tier 1 Groundwater Remediation Objectives Class I (mg/L)	SENTINEL WELL NUMBER AND COLLECTION DATE												
		HMW-27					HMW-28				HMW-29			
		12/16/03	4/22/04	Dup-01 4/22/04	7/7/04	10/20/04	12/16/03	4/22/04	7/7/04	10/20/04	12/17/03	4/22/04	7/7/04	10/20/04
Metals (mg/L)														
Barium	2	0.175	0.189	0.198	0.182	0.119	0.107	0.273	0.115	0.173	0.139	0.268	0.16	0.221
Beryllium	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Cadmium	0.005	0.0003 J	<0.0020	<0.0007	<0.0020	0.0006J	<0.0020	0.0011 J	0.0011J	0.0004J	0.0007 J	0.0009 J	0.0005J	0.0007J
Chromium	0.1	0.0091 J	<0.0100	<0.0100	<0.0100	<0.0100	0.0059 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	1	0.0047 J	0.0089 J	0.0084 J	0.0048J	0.0095J	0.0092 J	0.0145	0.0068J	0.0193	<0.0100	0.0060 J	0.0025J	0.0052J
Nickel	0.1	0.0112	0.0175	0.0175	0.0092J	0.0220	0.0221	0.0325	0.0218	0.0268	0.0038 J	0.0232	0.0073J	0.0152
Silver	0.05	<0.0100	<0.0100	0.0033 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0065 J	<0.0100	<0.0100	<0.0100
Vanadium	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Zinc	5	0.213	0.0800	0.0910	0.0431	0.170	0.0827	0.0840	0.0741	0.129	0.0258	0.136	0.0402	0.0345
Antimony	0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Arsenic	0.05	<0.0030	0.0018 J	0.0012 J	<0.0030	<0.0030	0.0014 J	0.0090	<0.0030	0.0044	0.0064	0.0066	0.0012J	0.0035
Lead	0.0075	0.0008 J	0.0017 J	0.0026	<0.0020	0.0019J	0.0024	**0.0076**	0.0028	0.0048	0.0016 J	**0.0238**	0.0020J	**0.0134**
Selenium	0.05	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0109	0.0207	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
Mercury	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
General Chemistry (mg/L)														
Cyanide	0.2	<0.007	<0.007	<0.007	<0.007	<0.050	<0.007	0.004 J	<0.007	<0.050	<0.007	0.003 J	<0.007	<0.050

NOTES:
TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
µg/L = Micrograms per liter
[ ] = Detection Limit above TACO
J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO GROs.
NL = No groundwater remediation objective listed in TACO

TABLE 4-5
Groundwater Analytical Results
General Chemistry
(Sentinel Wells)

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I (mg/L)	SENTINEL WELL NUMBER AND COLLECTION DATE					
		HMW-25	HMW-26		HWM-27	HMW-28	HMW-29
				Dup-001			
		10/19/04	10/20/04	10/20/04	10/20/04	10/20/04	10/20/04
General Chemistry (mg/L)							
Alkalinity	NL	496	584	604	628	548	654
Chemical Oxygen Demand	NL	16 J	16 J	23	23	23	46
Chloride	200	96	92	100	20	36	15
Cyanide	0.2	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Hardness	NL	540	910	920	830	630	540
pH	NL	6.90	6.72	6.71	6.76	6.80	6.88
Sulfate	400	57	301	341	208	82	84
Total Dissolved Solids	NL	714	1210	1230	928	686	622
Total Sulfide	NL	0.02 J	0.02 J	0.03 J	0.03 J	<0.50	<1.2
Total Suspended Solids	NL	9	47	67	35	48	550

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Bold and highlighted values exceed TACO Groundwater Remediation Objectives.
NL = No groundwater remediation objective listed in TACO

TABLE 4-4
Groundwater Analytical Results-Skinner List
VOCs

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I	WELL NUMBER AND COLLECTION DATE											
		HMW-38C 10/19/04	HMW-39B 10/25/04	HMW-39C 10/25/04	HMW-40C 10/20/04	HMW-41B 10/20/04	HMW-41C 10/20/04	HMW-42B 10/25/04	HMW-43C 10/25/04	HMW-49C 10/21/04	HMW-49D 10/21/04	HMW-50A 10/21/04	HMW-50B 10/21/04
VOCs (mg/L)	(mg/L)												
1,4-Dioxane	NL	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
VOCs (µg/L)	(µg/L)												
1,1,1-Trichloroethane	200	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
1,1-Dichloroethane	700	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
1,2-Dibromoethane	0.05	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
1,2-Dichlorobenzene	600	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
1,2-Dichloroethane	5.0	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
1,3-Dichlorobenzene	NL	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
1,4-Dichlorobenzene	75	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
2-Butanone	NL	<625	<25.0	<25.0	<25.0	<625	<25.0	<625	<25.0	<625	<625	<25.0	<25.0
Benzene	5.0	**7160**	<2.0	<2.0	0.6J	**3290**	0.9 J	**220**	**157**	**674**	**620**	<2.0	<2.0
Carbon disulfide	700	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
Chlorobenzene	100	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
Chloroform	0.2	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
Ethylbenzene	700	**1210**	<5.0	<5.0	<5.0	**940**	1.2 J	**1360**	15.3	**2220**	120J	<5.0	<5.0
Methyl tert-butyl ether	70	<50.0	<2.0	<2.0	<2.0	<50.0	<2.0	<50.0	<2.0	223	32J	<2.0	<2.0
Styrene	100	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
Tetrachloroethene	5.0	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
Toluene	1000	257	<5.0	<5.0	<5.0	144	<5.0	**2400**	23.6	**10500**	<125	<5.0	<5.0
Trichloroethene	5.0	<125	<5.0	<5.0	<5.0	<125	<5.0	<125	<5.0	<125	<125	<5.0	<5.0
Xylenes (total)	10000	3440	<5.0	<5.0	<5.0	3570	3.3 J	6170	34.8	6530	76J	<5.0	<5.0
Total VOCs		12067	ND	ND	0.6	7944	5.40	10150	230.7	20147	848	ND	ND

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J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO Groundwater Remediation Objectives.
NL = No groundwater remediation objective listed in TACO

TABLE 4-4
Groundwater Analytical Results-Skinner List
VOCs

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I	WELL NUMBER AND COLLECTION DATE										
		HMW-50C		HMW-51C	HMW-52C	MP-61C	MP-62C	MP-63C	MP-65C		MP-66C	MP-67C
		10/21/04	Dup-01 10/21/04	10/20/04	11/2/04	10/25/04	10/22/04	10/22/04	10/25/04	Dup-002 10/25/04	10/25/04	10/26/04
VOCs (mg/L)	(mg/L)											
1,4-Dioxane	NL	<0.50	<0.50	<0.50	0.5 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
VOCs (µg/L)	(µg/L)											
1,1,1-Trichloroethane	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	700	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane	0.05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	600	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	NL	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	NL	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Benzene	5.0	**233**	**267**	0.5J	<2.0	<2.0	**25.9**	**193**	<2.0	<2.0	<2.0	<2.0
Carbon disulfide	700	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	0.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	700	4.9J	4.9J	<5.0	1.6 J	<5.0	<5.0	1.0J	<5.0	<5.0	<5.0	<5.0
Methyl tert-butyl ether	70	<2.0	0.9J	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Styrene	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	1000	22.4	19.4	<5.0	1.4 J	<5.0	<5.0	11.2	<5.0	<5.0	<5.0	<5.0
Trichloroethene	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes (total)	10000	52.3	57.4	2.2J	6.2	1.2 J	11.7	90	<5.0	<5.0	<5.0	<5.0
Total VOCs		312.6	349.6	2.7	9.2	1.2	37.6	295.2	ND	ND	ND	ND

NOTES:
TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
µg/L = Micrograms per liter
[ ] = Detection Limit above TACO
J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO Groundwater Remediation Objectives.
NL = No groundwater remediation objective listed in TACO

TABLE 4-4
Groundwater Analytical Results-Skinner List
SVOCs

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I (mg/L)	WELL COLLECTION AND SAMPLING DATE							
		HMW-38C 10/19/04	HMW-39B 10/25/04	HMW-39C 10/25/04	HMW-40C 10/20/04	HMW-41B 10/20/04	HMW-41C 10/20/04	HMW-42B 10/25/04	HMW-43C 10/25/04
SVOCs (mg/L)									
2,4-Dimethylphenol	0.14	0.018	<0.010	<0.010	<0.010	0.015	<0.010	0.009 J	<0.010
2,4-Dinitrophenol	0.014	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
4-Nitrophenol	NL	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Bis(2-ethylhexyl)phthalate	0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Di-n-butyl phthalate	0.7	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethyl phthalate	5.6	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethyl phthalate	NL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
m,p-Cresol	NL	0.013	<0.010	<0.010	<0.010	0.003J	<0.010	0.010	<0.010
o-Cresol	0.35	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.1	0.061	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.003 J
Pyridine	NL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Quinoline	NL	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	0.42	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Acenaphthylene	NL	0.00913	<0.00150	<0.00150	<0.00150	0.00708	<0.00150	0.0292	<0.00150
Anthracene	2.1	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Benzo(a)anthracene	0.00013	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009
Benzo(a)pyrene	0.0002	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012
Benzo(b)fluoranthene	0.00018	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
Benzo(k)fluoranthene	0.00017	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
Chrysene	0.0015	<0.00045	<0.00045	<0.00045	<0.00045	<0.00045	<0.00045	<0.00045	<0.00045
Dibenzo(a,h)anthracene	0.0003	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
Fluoranthene	0.28	0.00103	<0.00090	<0.00090	<0.00090	<0.00090	<0.00090	<0.00090	<0.00090
Fluorene	0.28	0.00110	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	0.00079	<0.00030
Indeno(1,2,3-cd)pyrene	0.00043	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Naphthalene	0.14	0.104	<0.00300	<0.00300	<0.00300	0.0581	<0.00300	0.130	<0.00300
Phenanthrene	NL	0.00250	<0.00060	<0.00060	<0.00060	<0.00060	<0.00060	0.00079	<0.00060
Pyrene	0.21	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Total SVOCs		0.20976	ND	ND	ND	0.08318	ND	0.17978	0.003

NOTES: TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
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NA = Constituent not analyzed by laboratory. ND = Constituent not detected.
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mg/L = Milligrams per liter
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TABLE 4-4
Groundwater Analytical Results-Skinner List
SVOCs

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I (mg/L)	WELL COLLECTION AND SAMPLING DATE							
		HMW-49C	HMW-49D	HMW-50A	HMW-50B	HMW-50C		HMW-51C	HMW-52C
							Dup-01		
		10/21/04	10/21/04	10/21/04	10/21/04	10/21/04	10/21/04	10/20/04	11/2/04
SVOCs (mg/L)									
2,4-Dimethylphenol	0.14	0.019	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-Dinitrophenol	0.014	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
4-Nitrophenol	NL	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Bis(2-ethylhexyl)phthalate	0.006	**0.021**	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Di-n-butyl phthalate	0.7	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethyl phthalate	5.6	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethyl phthalate	NL	0.002J	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
m,p-Cresol	NL	0.039	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
o-Cresol	0.35	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.1	<0.005	0.011	<0.005	<0.005	0.003J	0.003J	<0.005	<0.005
Pyridine	NL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Quinoline	NL	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	0.42	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Acenaphthylene	NL	0.00741	0.00705	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150
Anthracene	2.1	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Benzo(a)anthracene	0.00013	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009
Benzo(a)pyrene	0.0002	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012
Benzo(b)fluoranthene	0.00018	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
Benzo(k)fluoranthene	0.00017	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
Chrysene	0.0015	<0.00045	<0.00045	<0.00045	<0.00045	<0.00045	<0.00045	<0.00045	<0.00045
Dibenzo(a,h)anthracene	0.0003	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
Fluoranthene	0.28	<0.00090	0.00092	<0.00090	<0.00090	0.00155	0.00174	<0.00090	<0.00090
Fluorene	0.28	0.00041	0.00204	<0.00030	<0.00030	0.00385	0.00452	<0.00030	<0.00030
Indeno(1,2,3-cd)pyrene	0.00043	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Naphthalene	0.14	**0.150**	0.0191	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Phenanthrene	NL	0.00082	0.00247	<0.00060	<0.00060	0.00501	0.00612	<0.00060	<0.00060
Pyrene	0.21	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Total SVOCs		0.23964	0.04258	ND	ND	0.01341	0.01538	ND	ND

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TABLE 4-4
Groundwater Analytical Results-Skinner List
SVOCs

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I (mg/L)	WELL COLLECTION AND SAMPLING DATE						
		MP-61C	MP-62C	MP-63C	MP-65C		MP-66C	MP-67C
						Dup-002		
		10/25/04	10/22/04	10/22/04	10/25/04	10/25/04	10/25/04	10/26/04
SVOCs (mg/L)								
2,4-Dimethylphenol	0.14	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2,4-Dinitrophenol	0.014	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.022
4-Nitrophenol	NL	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.022
Bis(2-ethylhexyl)phthalate	0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.007
Di-n-butyl phthalate	0.7	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Diethyl phthalate	5.6	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Dimethyl phthalate	NL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
m,p-Cresol	NL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
o-Cresol	0.35	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Phenol	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.006
Pyridine	NL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Quinoline	NL	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.006
Acenaphthene	0.42	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Acenaphthylene	NL	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150
Anthracene	2.1	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Benzo(a)anthracene	0.00013	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009
Benzo(a)pyrene	0.0002	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012
Benzo(b)fluoranthene	0.00018	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
Benzo(k)fluoranthene	0.00017	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
Chrysene	0.0015	<0.00045	<0.00045	<0.00045	<0.00045	<0.00045	<0.00045	<0.00045
Dibenzo(a,h)anthracene	0.0003	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
Fluoranthene	0.28	<0.00090	<0.00090	<0.00090	<0.00090	<0.00090	<0.00090	<0.00090
Fluorene	0.28	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Indeno(1,2,3-cd)pyrene	0.00043	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Naphthalene	0.14	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Phenanthrene	NL	<0.00060	<0.00060	<0.00060	<0.00060	<0.00060	<0.00060	<0.00060
Pyrene	0.21	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Total SVOCs		ND	ND	ND	ND	ND	ND	ND

NOTES: TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
[redacted] = Detection Limit above TACO
J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO Groundwater Remediation Objectives.
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mg/L = Milligrams per liter
µg/L = Micrograms per liter

TABLE 4-4
Groundwater Analytical Results-Skinner List
General Chemistry

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I (mg/L)	WELL NUMBER AND COLLECTION DATE							
		HMW-38C 10/19/04	HMW-39B 10/25/04	HMW-39C 10/25/04	HMW-40C 10/20/04	HMW-41B 10/20/04	HMW-41C 10/20/04	HMW-42B 10/25/04	HMW-43C 10/25/04
General Chemistry (mg/L)									
Alkalinity	NL	686	284	249	334	628	596	620	512
Chemical Oxygen Demand	NL	72	42	552	30	76	19 J	97	49
Chloride	200	54	135	**532**	15	66	57	1 J	52
Cyanide	0.2	<0.050	<0.007	<0.007	<0.050	<0.050	<0.050	<0.050	<0.007
Hardness	NL	680	214	484	480	640	700	564	640
pH	NL	6.74	7.38	7.31	7.16	6.80	6.90	6.69	6.83
Sulfate	400	<5	25	12	30	2 J	216	<5	130
Total Dissolved Solids	NL	752	494	1370	360	758	908	620	730
Total Sulfide	NL	0.04 J	<0.25	<0.25	<1.2	<1.2	<0.15	<0.25	0.2 J
Total Suspended Solids	NL	91	26	97	114	217	96	184	148

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TABLE 4-4
Groundwater Analytical Results-Skinner List
General Chemistry

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I (mg/L)	WELL NUMBER AND COLLECTION DATE							
		HMW-49C	HMW-49D	HMW-50A	HMW-50B	HMW-50C		HMW-51C	HMW-52C
		10/21/04	10/21/04	10/21/04	10/21/04	10/21/04	Dup-01 10/21/04	10/20/04	
General Chemistry (mg/L)									
Alkalinity	NL	538	528	464	165	444	456	584	295
Chemical Oxygen Demand	NL	76	40	10 J	14 J	21	28	40	46
Chloride	200	20	33	18	75	394	321	39	16
Cyanide	0.2	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.098
Hardness	NL	500	450	860	500	860	750	620	340
pH	NL	6.58	6.72	6.94	7.67	7.11	7.05	6.95	7.01
Sulfate	400	<5	10	44	432	103	86	84	55
Total Dissolved Solids	NL	562	560	1100	860	1230	1150	714	384
Total Sulfide	NL	0.06 J	0.09 J	<0.15	0.06 J	0.06	0.06	<1.2	0.4 J
Total Suspended Solids	NL	103	100	90	19	59	37	370	291

NOTES:
TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
[ ] = Detection Limit above TACO
J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO Groundwater Remediation Objectives.
NL = No groundwater remediation objective listed in TACO

TABLE 4-4
Groundwater Analytical Results-Skinner List
General Chemistry

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I (mg/L)	WELL NUMBER AND COLLECTION DATE						
		MP-61C	MP-62C	MP-63C	MP-65C		MP-66C	MP-67C
						Dup-002		
		10/25/04	10/22/04	10/22/04	10/25/04	10/25/04	10/25/04	10/26/04
General Chemistry (mg/L)								
Alkalinity	NL	404	354	396	540	548	468	518
Chemical Oxygen Demand	NL	58	21	23	40	53	56	56
Chloride	200	29	11	12	79	73	46	86
Cyanide	0.2	<0.007	<0.050	<0.050	<0.007	<0.007	<0.007	<0.007
Hardness	NL	550	336	432	690	730	820	680
pH	NL	6.68	6.72	6.57	6.88	6.72	6.85	6.69
Sulfate	400	206	<5	<5	49	49	258	161
Total Dissolved Solids	NL	746	346	392	830	810	974	882
Total Sulfide	NL	<0.50	0.06 J	0.03 J	0.02 J	<0.05	<0.50	<0.50
Total Suspended Solids	NL	135	70	105	10	<6	101	53

NOTES:
TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
[ ] = Detection Limit above TACO
J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO Groundwater Remediation Objectives.
NL = No groundwater remediation objective listed in TACO

TABLE 4-4
Groundwater Analytical Results-Skinner List
Metals

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I (mg/L)	WELL NUMBER AND COLLECTION DATE							
		HMW-38C 10/19/04	HMW-39B 10/25/04	HMW-39C 10/25/04	HMW-40C 10/20/04	HMW-41B 10/20/04	HMW-41C 10/20/04	HMW-42B 10/25/04	HMW-43C 10/25/04
Metals (mg/L)									
Barium	2	0.277	0.198	0.720	0.525	1.11	0.447	0.937	0.254
Beryllium	0.004	<0.0010	0.0003 J	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0006 J
Cadmium	0.005	<0.0020	<0.0020	<0.0020	<0.0020	0.0004J	0.0007J	0.0011 J	<0.0020
Chromium	0.1	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	1	0.0054J	<0.0100	<0.0100	0.0038J	<0.0100	<0.0100	<0.0100	0.0048 J
Nickel	0.1	0.0044J	<0.0100	<0.0100	0.0068J	<0.0100	<0.0100	0.0087 J	0.0098 J
Silver	0.05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Vanadium	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Zinc	5	0.121	0.0162	0.0126	0.0233	0.145	0.0319	0.294	0.156
Antimony	0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Arsenic	0.05	**0.0949**	<0.0030	0.0010 J	**0.0562**	0.0053	0.0027J	0.0371	0.0190
Lead	0.0075	0.0062	0.0015 J	0.0014 J	0.0049	0.0049	0.0011J	**0.0109**	0.0044
Selenium	0.05	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
Mercury	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
General Chemistry (mg/L)									
Cyanide	0.2	<0.050	<0.007	<0.007	<0.050	<0.050	<0.050	<0.050	<0.007

NOTES:
TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
µg/L = Micrograms per liter
[ ] = Detection Limit above TACO
J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO Groundwater Remediation Objectives.
NL = No groundwater remediation objective listed in TACO

TABLE 4-4
Groundwater Analytical Results-Skinner List
Metals

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I (mg/L)	WELL NUMBER AND COLLECTION DATE							
		HMW-49C	HMW-49D	HMW-50A	HMW-50B	HMW-50C		HMW-51C	HMW-52C
		10/21/04	10/21/04	10/21/04	10/21/04	10/21/04	Dup-01 10/21/04	10/20/04	11/2/04
Metals (mg/L)									
Barium	2	0.485	0.352	0.0509	0.141	0.339	0.292	0.335	0.256
Beryllium	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0003J	<0.0010
Cadmium	0.005	0.0003J	0.0008J	0.0003J	<0.0020	0.0003J	<0.0020	0.0004J	0.0007 J
Chromium	0.1	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	1	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0106	0.0049 J
Nickel	0.1	0.0057J	<0.0100	0.0062J	<0.0100	<0.0100	<0.0100	0.0178	0.0110
Silver	0.05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Vanadium	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Zinc	5	1.87	0.0144	0.0097J	0.309	0.0136	0.0074J	0.0686	0.189
Antimony	0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Arsenic	0.05	0.0065	0.0014J	0.0012J	0.0049	<0.0030	<0.0030	0.0318	0.0099
Lead	0.0075	**0.0143**	0.0053	0.0019J	0.0009J	0.0015J	0.0011J	**0.0093**	0.0225
Selenium	0.05	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
Mercury	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
General Chemistry (mg/L)									
Cyanide	0.2	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.098

NOTES:
TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
µg/L = Micrograms per liter
[ ] = Detection Limit above TACO
J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO Groundwater Remediation Objectives.
NL = No groundwater remediation objective listed in TACO

TABLE 4-4
Groundwater Analytical Results-Skinner List
Metals

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

CHEMICAL NAME	TACO Tier 1 Groundwater Remediation Objectives Class I (mg/L)	WELL NUMBER AND COLLECTION DATE						
		MP-61C	MP-62C	MP-63C	MP-65C		MP-66C	MP-67C
		10/25/04	10/22/04	10/22/04	10/25/04	Dup-002 10/25/04	10/25/04	10/26/04
Metals (mg/L)								
Barium	2	0.544	0.261	0.395	0.0868	0.0838	0.150	0.160
Beryllium	0.004	0.0008 J	<0.0010	<0.0010	0.0003 J	0.0004 J	<0.0010	<0.0010
Cadmium	0.005	0.0004 J	<0.0020	0.0003J	0.0003 J	<0.0020	0.0005 J	0.0004 J
Chromium	0.1	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	1	<0.0100	<0.0100	0.0032J	0.0059 J	0.0045 J	<0.0100	0.0088 J
Nickel	0.1	<0.0100	0.0035J	0.0096J	0.0226	0.0233	0.0154	0.0194
Silver	0.05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Vanadium	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Zinc	5	0.209	0.0205	0.250	0.0206	0.0178	0.126	0.0230
Antimony	0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Arsenic	0.05	0.0026 J	0.0143	0.0171	<0.0030	<0.0030	0.0046	0.0016 J
Lead	0.0075	0.0045	0.0037	0.0017J	0.0010 J	0.0009 J	0.0041	0.0041
Selenium	0.05	<0.0060	<0.0060	<0.0060	0.0103	0.0233	0.0083	0.0124
Mercury	0.002	<0.00020	<0.00020	<0.00020	0.00013 J	<0.00020	<0.00020	<0.00020
General Chemistry (mg/L)								
Cyanide	0.2	<0.007	<0.050	<0.050	<0.007	<0.007	<0.007	<0.007

NOTES:
TACO = Illinois EPA's Tiered Approach to Corrective Action Objectives.
mg/L = Milligrams per liter
µg/L = Micrograms per liter
[ ] = Detection Limit above TACO
J = Estimated value. Compound detected below the practical quantitation limit (PQL).
Bold and highlighted values exceed TACO Groundwater Remediation Objectives.
NL = No groundwater remediation objective listed in TACO

TABLE 4-3
Sample Container, Preservation, and Holding Time Requirements For
Water Samples

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

PARAMETER	ANALYSIS	HOLDING TIME	CONTAINER	PRESERVATION
Organics	VOCs	14 days	3-40 ml VOC vials	HCl to pH < 2, no headspace Maintained at 4 + 2 degrees Celcius
	Total Petroleum Hydrocarbons as Gasoline Range Organics	14 days		
	1,4-Dioxane	7 days	3-40 ml VOC vials	Unpreserved, no headspace Maintained at 4 + 2 degrees Celcius
	SVOCs	7 days	2 L amber glass jars	Unpreserved Maintained at 4 + 2 degrees Celcius
	Total Petroleum Hydrocarbons as Diesel Range Organics	7 days	1 L amber glass jar	Unpreserved Maintained at 4 + 2 degrees Celcius
Metals	Inorganic Metals	180 days	250 ml plastic jar	HNO_3 to pH<2 Maintained at 4 + 2 degrees Celcius
	Mercury	28 days		
General	pH	24 hours	1 L plastic jar	Unpreserved Maintained at 4 + 2 degrees Celcius
	Alkalinity	14 days		
	Chloride	28 days		
	Sulfate	28 days		
	Hardness	7 days		
	Total Dissolved Solids (TDS)	7 days		
	Total Suspended Solids (TSS)	7 days		
	Total Cyanide	14 days	500 ml plastic jar	NaOH to pH>12 Maintained at 4 + 2 degrees Celcius
	Chemical Oxygen Demand (COD)	28 days	125 ml plastic jar	H_2SO_4 to pH<2 Maintained at 4 + 2 degrees Celcius
	Sulfide, Total	7 days	250 ml plastic jar	NaOH and ZnAcetate to pH>9 Maintained at 4 + 2 degrees Celcius

TABLE 4-2
Compound/Analyte List for Water Samples
VOCs
Village of Hartford

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

PARAMETER	PREPARATION METHOD		ANALYTICAL METHOD		COMPOUND	METHOD DETECTION LIMIT *	PRACTICAL QUANTITATION LIMIT *	ACCEPTABLE DETECTION LIMIT **
	Source	Method No.	Source	Method No.				
VOCs						(µg/L)	(µg/L)	(µg/L)
	SW-846	5030	SW-846	8260	Benzene	0.5	2	5
	SW-846	5030	SW-846	8260	Carbon disulfide	1	5	700
	SW-846	5030	SW-846	8260	Chlorobenzene	1	5	100
	SW-846	5030	SW-846	8260	Chloroform	1	5	0.2
	SW-846	5030	SW-846	8260	1,2-Dibromoethane or Ethylene dibromide (EDB)	1	5	0.05
	SW-846	5030	SW-846	8260	1,2-Dichlorobenzene	1	5	600
	SW-846	5030	SW-846	8260	1,3-Dichlorobenzene	1	5	NA
	SW-846	5030	SW-846	8260	1,4-Dichlorobenzene	1	5	75
	SW-846	5030	SW-846	8260	1,1-Dichloroethane	1	5	700
	SW-846	5030	SW-846	8260	1,2-Dichloroethane	1	5	5
	SW-846	5030	SW-846	8260	Ethylbenzene	1	5	700
	SW-846	5030	SW-846	8260	Methyl ethyl ketone (MEK) or 2-Butanone	5	50	NA
	SW-846	5030	SW-846	8260	Methyl tertiary butyl ether (MTBE)	0.5	2	70
	SW-846	5030	SW-846	8260	Styrene	1	5	100
	SW-846	5030	SW-846	8260	1,1,1-Trichloroethane	1	5	200
	SW-846	5030	SW-846	8260	Tetrachloroethene	1	5	5
	SW-846	5030	SW-846	8260	Toluene	1	5	1,000
	SW-846	5030	SW-846	8260	Trichloroethene	1	5	5
	SW-846	5030	SW-846	8260	o, m, p-Xylenes (total)	1	5	10,000
	SW-846	3510	SW-846	8015	1,4-Dioxane	250	500	NA

NOTES:
µg/L = Micrograms per liter
* = Method detection limit and practical quantitation limit as identified by Teklab, Inc. (Ottensmeier, 2004).
** = Acceptable detection limit is the IPCB TACO Tier 1 Groundwater Remediation Objective for Class I Groundwater.
NA = Not available

TABLE 4-2
Compound/Analyte List for Water Samples
SVOCs
Village of Hartford

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

PARAMETER	PREPARATION METHOD		ANALYTICAL METHOD		COMPOUND	METHOD DETECTION LIMIT *	PRACTICAL QUANTITATION LIMIT *	ACCEPTABLE DETECTION LIMIT **
	Source	Method No.	Source	Method No.				
SVOCs						(mg/L)	(mg/L)	(mg/L)
	SW-846	3510	SW-846	8310	Acenaphthene	0.002	0.005	0.42
	SW-846	3510	SW-846	8310	Anthracene	0.0001	0.005	2.1
	SW-846	3510	SW-846	8310	Benzo(a)anthracene	0.00005	0.0001	0.00013
	SW-846	3510	SW-846	8310	Benzo(b)fluoranthene	0.0001	0.00018	0.00018
	SW-846	3510	SW-846	8310	Benzo(k)fluoranthene	0.0001	0.00017	0.00017
	SW-846	3510	SW-846	8310	Benzo(a)pyrene	0.0001	0.0002	0.0002
	SW-846	3510	SW-846	8270	Bis(2-ethylhexyl)phthalate	0.004	0.006	0.006
	SW-846	3510	SW-846	8310	Chrysene	0.0003	0.0008	0.0015
	SW-846	3510	SW-846	8270	o-Cresol	0.001	0.01	0.35
	SW-846	3510	SW-846	8270	m-Cresol	0.001	0.01	NA
	SW-846	3510	SW-846	8270	p-Cresol	0.001	0.01	NA
	SW-846	3510	SW-846	8270	Di-n-butyl phthalate	0.003	0.01	0.7
	SW-846	3510	SW-846	8310	Dibenzo(a,h)anthracene	0.0002	0.0003	0.0003
	SW-846	3510	SW-846	8270	Diethyl phthalate	0.002	0.01	5.6
	SW-846	3510	SW-846	8270	2,4-Dimethylphenol	0.001	0.01	0.14
	SW-846	3510	SW-846	8270	Dimethyl phthalate	0.001	0.01	NA
	SW-846	3510	SW-846	8270	2,4-Dinitrophenol	0.001	0.01	0.014
	SW-846	3510	SW-846	8310	Fluoranthene	0.0005	0.002	0.28
	SW-846	3510	SW-846	8310	Fluorene	0.0004	0.001	0.28
	SW-846	3510	SW-846	8310	Indeno(1,2,3-cd)pyrene	0.0001	0.0004	0.00043
	SW-846	3510	SW-846	8310	Napthalene	0.002	0.005	0.14
	SW-846	3510	SW-846	8270	4-Nitrophenol	0.001	0.01	NA
	SW-846	3510	SW-846	8310	Phenanthrene	0.0005	0.005	NA
	SW-846	3510	SW-846	8270	Phenol	0.001	0.005	0.1
	SW-846	3510	SW-846	8310	Pyrene	0.0001	0.002	0.21
	SW-846	3510	SW-846	8270	Pyridine	0.005	0.02	NA
	SW-846	3510	SW-846	8270	Quinoline	0.001	0.005	NA

NOTES:
mg/L = Milligrams per liter NA = Not available (L) = This is the lowest limit able to be achieved by current methodologies.
µg/L = Micrograms per liter
* = Method detection limit and practical quantitation limit as identified by Teklab, Inc. (Ottensmeier, 2004).
** = Acceptable detection limit is the IPCB TACO Tier 1 Groundwater Remediation Objective for Class I Groundwater.

TABLE 4-2
Compound/Analyte List for Water Samples
Inorganics
Village of Hartford

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

PARAMETER	PREPARATION METHOD		ANALYTICAL METHOD		COMPOUND	METHOD DETECTION LIMIT *	PRACTICAL QUANTITATION LIMIT *	ACCEPTABLE DETECTION LIMIT **
	Source	Method No.	Source	Method No.				
Metals						(mg/L)	(mg/L)	(mg/L)
	SW-846	3020A	SW-846	7041	Antimony	0.0017	0.005	0.006
	SW-846	3020A	SW-846	7060A	Arsenic	0.0007	0.003	0.05
	SW-846	3005A	SW-846	6010	Barium	0.0024	0.005	2
	SW-846	3005A	SW-846	6010	Beryllium	0.003	0.001	0.004
	SW-846	3005A	SW-846	6010	Cadmium	0.0003	0.002	0.005
	SW-846	3005A	SW-846	6010	Chromium-Total	0.004	0.01	0.1
	SW-846	3005A	SW-846	6010	Cobalt	0.0022	0.01	1
	SW-846	3020A	SW-846	7421	Lead	0.0004	0.002	0.0075
	--	--	SW-846	7470	Mercury	0.00005	0.0002	0.002
	SW-846	3005A	SW-846	6010	Nickel	0.0033	0.01	0.1
	SW-846	3020A	SW-846	7740	Selenium	0.0035	0.006	0.05
	SW-846	3005A	SW-846	6010	Silver	0.0032	0.01	0.05
	SW-846	3005A	SW-846	6010	Vanadium	0.0032	0.01	0.049
	SW-846	3005A	SW-846	6010	Zinc	0.0021	0.01	5
General						(mg/L)	(mg/L)	(mg/L)
	--	--	SW-846	9040-B	pH	0	1	NA
	--	--	Standard Method	M2320B	Alkalinity, Total (as, Ca, CO_3)	0	0	NA
	--	--	SW-846	9251.0	Chloride	0.5	1	200
	--	--	Standard Method	M5220D	COD	7.3	20	NA
	--	--	SW-846	9012A	Cyanide Total	0.0026	0.007	0.2
	--	--	Standard Method	M2340C	Hardness (as, Ca, CO_3)	3	5	NA
	--	--	SW-846	9036.0	Sulfate	1.5	5	400
	--	--	Standard Method	M4500SD	Sulfide	0.013	0.50	NA
	--	--	Standard Method	M2540C	Total Dissolved Solids	10	20	NA
	--	--	Standard Method	M2540D	Total Suspended Solids	5	6	NA

NOTES:
mg/L = Milligrams per liter [except for pH (unitless)].
* = Method detection limit and practical quantitation limit as identified by Teklab, Inc. (Ottensmeier, 2004).
** = Acceptable detection limit is the IPCB TACO Tier 1 Groundwater Remediation Objective for Class I Groundwater.
NA = Not available
-- = Not applicable

TABLE 4-1
October/November 2004 Groundwater Sampling Well List
Hartford Area Hydrocarbon Plume Site

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

WELL LOCATIONS	STRATUM		
	EPA STRATUM	RAND STRATUM	MAIN SAND
HMW-25			X
HMW-26			X
HMW-27			X
HMW-28			X
HMW-29			X
HMW-38C			X
HMW-39B		X	
HMW-39C			X
HMW-40C			X
HMW-41B			X
HMW-41C			X
HMW-42B			X
HMW-43C			X
HMW-49C	X		
HMW-49D			X
HMW-50A		X	
HMW-50B	X		
HMW-50C			X
HMW-51C			X
HMW-52C			X
MP-61C			X
MP-62C			X
MP-63C			X
MP-65C			X
MP-66C			X
MP-67C			X

NOTES:
All wells were sampled in October 2004 with the exception of HMW-52C, which was inaccessible at that time.

TABLE 3-1
Depth of Identified ROST Response in Main Sand
Hartford Area Hydrocarbon Plume Site

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

ROST Boring	Ground Surface Elevation (ft msl)	Top of Main Sand Elevation (ft msl)	Bottom Elevation of ROST Response in Main Sand (ft msl)	Bottom Depth of ROST Response in Main Sand (ft bgs)	Boring Termination Elevation (ft msl)
HROST-1	429.50	400	NA	NA	360.08
HROST-2	430.95	399.95	387.95	43.00	355.99
HROST-3	430.00	390	383.50	46.50	359.87
HROST-4	429.34	386.34	377.34	52.00	363.38
HROST-5	430.50	391	383.50	47.00	364.11
HROST-6	429.75	389.25	382.75	47.00	355.25
HROST-7	429.75	400.75	389.75	40.00	371.56
HROST-8	431.30	404.3	391.30	40.00	363.30
HROST-10	429.00	389	377.00	52.00	362.41
HROST-11	430.25	400.25	386.75	43.50	370.14
HROST-12	430.15	400.65	389.15	41.00	370.16
HROST-13	427.00	402	387.50	39.50	370.63
HROST-14	432.25	397.75	388.75	43.50	358.20
HROST-15	429.00	388.5	388.50	40.50	360.65
HROST-16	431.00	401.5	388.50	42.50	369.76
HROST-17	431.25	404.25	388.25	43.00	373.26
HROST-19	426.00	401.5	390.00	36.00	371.68
HROST-20	432.00	403.5	379.50	52.50	372.20
HROST-22	429.15	390.15	386.65	42.50	369.26
HROST-23	431.75	402.25	382.75	49.00	400.60
HROST-24	431.50	401.5	390.00	41.50	389.80
HROST-25	430.00	403.5	390.00	40.00	360.75
HROST-26	429.10	403.6	385.10	44.00	380.25
HROST-27	427.25	414.25	NA	NA	371.09
HROST-28	426.80	405.3	389.30	37.50	386.49
HROST-29	431.75	407.25	388.75	43.00	371.39
HROST-30	431.75	399.75	387.75	44.00	382.83
HROST-31a	430.10	403.1	387.10	43.00	381.78
HROST-33	429.75	403.75	381.25	48.50	377.62
HROST-34	427.75	415.75	NA	NA	367.64
HROST-35	425.60	413.6	NA	NA	369.28
HROST-36	432.00	420	374.50	57.50	370.82
HROST-37	431.00	419	386.00	45.00	383.37
HROST-38	430.50	398.5	386.50	44.00	381.28
HROST-39	430.75	397.75	385.75	45.00	383.05
HROST-40	429.85	401.85	383.35	46.50	381.49
HROST-41	427.00	413	NA	NA	373.17
HROST-43	431.75	415.75	388.75	43.00	368.92
HROST-44	431.00	419	384.50	46.50	381.78
HROST-45	431.50	417.5	390.50	41.00	386.30
HROST-47	429.53	398.03	384.53	45.00	378.27
HROST-48	431.00	410.5	NA	NA	369.77
HROST-49	431.75	412.75	392.25	39.50	386.70

TABLE 3-1
Depth of Identified ROST Response in Main Sand
Hartford Area Hydrocarbon Plume Site

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

ROST Boring	Ground Surface Elevation (ft msl)	Top of Main Sand Elevation (ft msl)	Bottom Elevation of ROST Response in Main Sand (ft msl)	Bottom Depth of ROST Response in Main Sand (ft bgs)	Boring Termination Elevation (ft msl)
HROST-50	430.35	417.35	387.35	43.00	381.20
HROST-51	429.00	416	391.00	38.00	383.37
HROST-52	429.65	397.65	389.65	40.00	384.34
HROST-53	431.15	414.65	NA	NA	367.65
HROST-54	430.10	411.6	NA	NA	363.71
HROST-55	428.00	412	NA	NA	358.95
HROST-56	431.00	414	NA	NA	368.60
HROST-57	429.32	417.82	NA	NA	399.38
HROST-60	431.00	412.5	NA	NA	369.73
HROST-61 *	430.50	390.5	NA	NA	389.48
HROST-62	430.10	394.1	389.60	40.50	366.50
HROST-65	425.50	402	NA	NA	371.75
HROST-66	432.00	412.5	395.50	36.50	369.02
HROST-67	429.00	405	NA	NA	381.91
HROST-68	431.25	419.25	392.25	39.00	368.15
HROST-70	429.75	400.25	389.75	40.00	372.97
HROST-72	426.00	405	399.50	26.50	381.74
HROST-74	428.75	413.25	390.75	38.00	384.21
HROST-76	429.00	389	393.00	36.00	389.74
HROST-77	425.25	410.25	NA	NA	359.78
HROST-78	431.50	413.5	380.00	51.50	367.69
HROST-79	430.75	385.25	381.75	49.00	381.17
HROST-80	430.75	385.75	NA	NA	387.39

NOTES:

* = Not in Main Sand
bgs = Below ground surface
msl = Mean Sea Level
NA = Not Applicable - no LNAPL was identified

TABLE 2-1
Average Hydraulic Gradients - Main Sand
Hartford Area Hydrocarbon Plume Site

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

DATE	MINIMUM	MAXIMUM	AVERAGE	WELLS USED TO CALCULATE GRADIENT
January 26-28, 2004	0.0009	0.0015	0.0011	HMW-20 - RB-52 HMW-29 - RW-1 P-79 - SP-42 * HB-37 - HB-31 **
April 20-22, 2004	0.0011	0.0015	0.0012	HMW-18 - HB-31 ** HB-37 - HMW-08 * P-106 - SP-42 * HMW-27 - RW-1 HMW-28 - HMW-14 *
July 13-14, 2004	0.0009	0.0019	0.0013	RB-45 - RB-41 RB-44 - RB-42 ** HMW-28 - P-77 RW-1 - SP-41 RB-46 - RB-30 *
October 18-21, 2004	0.0007	0.0016	0.0012	GB-01 - RB-42 ** RB-45 - RB-40 RB-46 - P-77 * MP-47C - HMW-38C HMW-28 - HMW-20
November 15-17, 2004	0.0008	0.0019	0.0012	GB-01 - RB-42 RB-44 - RB-41 ** RB-45 - RB-38 RB-51 - HMW-50C * HMW-29 - HMW-20 MP-35D - HMW-38C
Average	**0.0009**	**0.0017**	**0.0012**	

NOTES:
* = Minimum Gradient
** = Maximum Gradient

APPENDIX A-1

GROUNDWATER ELEVATIONS/APPARENT PRODUCT THICKNESS – HARTFORD, ILLINOIS

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

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

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HB-16[3]	06/10/04	431.42	--	--	--	--	--	--
	06/17/04	431.42	28.43	30.27	402.99	401.15	1.84	402.57
	06/23/04	431.42	27.40	29.72	404.02	401.70	2.32	403.49
	06/30/04	431.42	--	--	--	--	--	--
	07/08/04	431.42	28.87	31.67	402.55	399.75	2.80	401.91
	07/14/04	431.42	--	--	--	--	--	--
	07/20/04	431.42	28.84	32.53	402.58	398.89	3.69	401.73
	07/28/04	431.42	--	--	--	--	--	--
	08/03/04	431.42	29.82	33.48	401.60	397.94	3.66	400.76
	08/11/04	431.42	30.24	33.54	401.18	397.88	3.30	400.42
	08/19/04	431.42	31.33	33.44	400.09	397.98	2.11	399.60
	08/27/04	431.42	--	--	--	--	--	--
	09/03/04	431.42	--	--	--	--	--	--
	09/21/04	431.42	--	--	--	--	--	--
	10/21/04	431.42	--	--	--	--	--	--
	11/17/04	431.42	32.46	33.76	398.96	397.66	1.30	398.66
HB-27[2]	02/18/04	425.83	PLUGGED	PLUGGED	PLUGGED	PLUGGED	PLUGGED	PLUGGED
	07/14/04	425.83	--	--	--	--	--	--
HB-30	01/27/04	431.08	--	--	--	--	--	--
	02/18/04	431.08	33.75	34.83	397.33	396.25	1.08	397.08
	03/15/04	431.08	--	--	--	--	--	--
	04/20/04	431.08	31.03	32.25	400.05	398.83	1.22	399.77
	05/27/04	431.08	30.73	31.50	400.35	399.58	0.77	400.17
	06/03/04	431.08	29.53	30.79	401.55	400.29	1.26	401.26
	06/10/04	431.08	--	--	--	--	--	--
	06/17/04	431.08	27.55	30.22	403.53	400.86	2.67	402.92
	06/23/04	431.08	26.88	30.26	404.20	400.82	3.38	403.42
	06/30/04	431.08	--	--	--	--	--	--
	07/08/04	431.08	27.58	30.68	403.50	400.40	3.10	402.79
	07/14/04	431.08	28.13	30.86	402.95	400.22	2.73	402.32
	07/20/04	431.08	28.34	30.93	402.74	400.15	2.59	402.14
	07/28/04	431.08	29.21	31.04	401.87	400.04	1.83	401.45
	08/03/04	431.08	NA	29.44	NA	401.64	0.00	401.64
	08/03/04	431.08	29.65	31.48	401.43	399.60	1.83	401.01
	08/19/04	431.08	30.24	31.97	400.84	399.11	1.73	400.44
	08/27/04	431.08	--	--	--	--	--	--
	09/03/04	431.08	30.06	31.60	401.02	399.48	1.54	400.67
	09/21/04	431.08	31.05	32.33	400.03	398.75	1.28	399.74
	10/21/04	431.08	--	--	--	--	--	--
	11/17/04	431.08	31.55	32.86	399.53	398.22	1.31	399.23

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HB-31[3]	01/27/04	431.49	NA	35.43	NA	396.06	0.00	396.06
	02/17/04	431.49	--	--	--	--	--	--
	03/15/04	431.49	--	--	--	--	--	--
	04/21/04	431.49	NA	33.25	NA	398.24	0.00	398.24
	05/27/04	431.49	NA	32.14	NA	399.35	0.00	399.35
	06/03/04	431.49	NA	29.95	NA	401.54	0.00	401.54
	06/10/04	431.49	--	--	--	--	--	--
	06/17/04	431.49	NA	28.77	NA	402.72	0.00	402.72
	06/23/04	431.49	NA	27.91	NA	403.58	0.00	403.58
	06/30/04	431.49	NA	28.00	NA	403.49	0.00	403.49
	07/09/04	431.49	NA	29.44	NA	402.05	0.00	402.05
	07/14/04	431.49	NA	29.88	NA	401.61	0.00	401.61
	07/20/04	431.49	NA	30.06	NA	401.43	0.00	401.43
	07/28/04	431.49	NA	30.95	NA	400.54	0.00	400.54
	08/03/04	431.49	NA	31.23	NA	400.26	0.00	400.26
	08/11/04	431.49	NA	31.54	NA	399.95	0.00	399.95
	08/19/04	431.49	NA	32.43	NA	399.06	0.00	399.06
	08/27/04	431.49	--	--	--	--	--	--
	09/03/04	431.49	--	--	--	--	--	--
	09/21/04	431.49	NA	33.25	NA	398.24	0.00	398.24
	10/21/04	431.49	NA	34.06	NA	397.43	0.00	397.43
	11/17/04	431.49	NA	33.29	NA	398.20	0.00	398.20
HB-32[4]	01/27/04	433.33	NA	36.94	NA	396.39	0.00	396.39
	02/17/04	433.33	NA	37.62	NA	395.71	0.00	395.71
	02/18/04	433.33	NA	37.58	NA	395.75	0.00	395.75
	02/19/04	433.33	NA	37.42	NA	395.91	0.00	395.91
	03/05/04	433.33	NA	36.94	NA	396.39	0.00	396.39
	03/09/04	433.33	NA	35.97	NA	397.36	0.00	397.36
	03/15/04	433.33	NA	35.11	NA	398.22	0.00	398.22
	04/20/04	433.33	NA	34.59	NA	398.74	0.00	398.74
	05/19/04	433.33	NA	35.02	NA	398.31	0.00	398.31
	05/20/04	433.33	NA	34.97	NA	398.36	0.00	398.36
	05/20/04	433.33	NA	34.92	NA	398.41	0.00	398.41
	05/21/04	433.33	NA	34.84	NA	398.49	0.00	398.49
	05/21/04	433.33	NA	34.76	NA	398.57	0.00	398.57
	05/24/04	433.33	NA	34.47	NA	398.86	0.00	398.86
	05/24/04	433.33	NA	24.29	NA	409.04	0.00	409.04
	05/25/04	433.33	NA	34.29	NA	399.04	0.00	399.04
	05/25/04	433.33	NA	34.22	NA	399.11	0.00	399.11
	05/26/04	433.33	NA	34.16	NA	399.17	0.00	399.17
	05/26/04	433.33	NA	34.08	NA	399.25	0.00	399.25

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HB-32[4]	05/27/04	433.33	NA	33.77	NA	399.56	0.00	399.56
	05/27/04	433.33	NA	33.58	NA	399.75	0.00	399.75
	05/28/04	433.33	NA	33.46	NA	399.87	0.00	399.87
	06/01/04	433.33	NA	32.23	NA	401.10	0.00	401.10
	06/02/04	433.33	NA	32.28	NA	401.05	0.00	401.05
	06/02/04	433.33	NA	32.23	NA	401.10	0.00	401.10
	06/03/04	433.33	NA	32.20	NA	401.13	0.00	401.13
	06/04/04	433.33	NA	31.80	NA	401.53	0.00	401.53
	06/10/04	433.33	NA	31.06	NA	402.27	0.00	402.27
	06/17/04	433.33	NA	30.87	NA	402.46	0.00	402.46
	06/23/04	433.33	NA	30.20	NA	403.13	0.00	403.13
	06/30/04	433.33	NA	30.10	NA	403.23	0.00	403.23
	07/09/04	433.33	NA	31.38	NA	401.95	0.00	401.95
	07/14/04	433.33	NA	31.68	NA	401.65	0.00	401.65
	07/20/04	433.33	NA	31.95	NA	401.38	0.00	401.38
	07/28/04	433.33	NA	32.66	NA	400.67	0.00	400.67
	08/03/04	433.33	NA	32.91	NA	400.42	0.00	400.42
	08/11/04	433.33	NA	33.24	NA	400.09	0.00	400.09
	08/19/04	433.33	NA	34.11	NA	399.22	0.00	399.22
	08/27/04	433.33	NA	34.24	NA	399.09	0.00	399.09
	09/03/04	433.33	NA	33.00	NA	400.33	0.00	400.33
	09/21/04	433.33	NA	34.82	NA	398.51	0.00	398.51
	10/21/04	433.33	NA	35.59	NA	397.74	0.00	397.74
	11/17/04	433.33	NA	35.00	NA	398.33	0.00	398.33
HB-33[4]	01/27/04	430.23	--	--	--	--	--	--
	02/09/04	430.23	NA	31.79	NA	398.44	0.00	398.44
	02/17/04	430.23	--	--	--	--	--	--
	03/15/04	430.23	NA	30.46	NA	399.77	0.00	399.77
	04/21/04	430.23	NA	29.48	NA	400.75	0.00	400.75
	05/20/04	430.23	NA	30.43	NA	399.80	0.00	399.80
	05/20/04	430.23	NA	30.43	NA	399.80	0.00	399.80
	05/21/04	430.23	NA	30.33	NA	399.90	0.00	399.90
	05/21/04	430.23	NA	30.24	NA	399.99	0.00	399.99
	05/24/04	430.23	NA	29.86	NA	400.37	0.00	400.37
	05/24/04	430.23	NA	29.72	NA	400.51	0.00	400.51
	05/25/04	430.23	NA	29.54	NA	400.69	0.00	400.69
	05/25/04	430.23	NA	29.56	NA	400.67	0.00	400.67
	05/26/04	430.23	NA	29.63	NA	400.60	0.00	400.60
	05/27/04	430.23	NA	29.03	NA	401.20	0.00	401.20
	05/27/04	430.23	NA	28.82	NA	401.41	0.00	401.41
	05/28/04	430.23	NA	28.57	NA	401.66	0.00	401.66

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HB-33[4]	06/01/04	430.23	NA	28.37	NA	401.86	0.00	401.86
	06/02/04	430.23	NA	28.52	NA	401.71	0.00	401.71
	06/02/04	430.23	NA	28.53	NA	401.70	0.00	401.70
	06/03/04	430.23	NA	28.56	NA	401.67	0.00	401.67
	06/03/04	430.23	NA	28.41	NA	401.82	0.00	401.82
	06/04/04	430.23	NA	38.19	NA	392.04	0.00	392.04
	06/10/04	430.23	NA	26.77	NA	403.46	0.00	403.46
	06/17/04	430.23	NA	26.35	NA	403.88	0.00	403.88
	06/23/04	430.23	NA	25.52	NA	404.71	0.00	404.71
	06/30/04	430.23	NA	25.33	NA	404.90	0.00	404.90
	07/09/04	430.23	NA	26.09	NA	404.14	0.00	404.14
	07/14/04	430.23	NA	26.23	NA	404.00	0.00	404.00
	07/20/04	430.23	NA	26.70	NA	403.53	0.00	403.53
	07/28/04	430.23	NA	27.15	NA	403.08	0.00	403.08
	08/03/04	430.23	NA	27.03	NA	403.20	0.00	403.20
	08/11/04	430.23	NA	27.30	NA	402.93	0.00	402.93
	08/19/04	430.23	NA	27.84	NA	402.39	0.00	402.39
	08/27/04	430.23	NA	28.19	NA	402.04	0.00	402.04
	09/03/04	430.23	NA	26.88	NA	403.35	0.00	403.35
	09/21/04	430.23	NA	28.59	NA	401.64	0.00	401.64
	10/21/04	430.23	NA	29.72	NA	400.51	0.00	400.51
	11/17/04	430.23	NA	28.80	NA	401.43	0.00	401.43
HB-37	01/27/04	431.77	33.94	34.27	397.83	397.50	0.33	397.75
	03/15/04	431.77	33.00	33.01	398.77	398.76	0.01	398.77
	04/21/04	431.77	NA	32.03	NA	399.74	0.00	399.74
	05/27/04	431.77	NA	31.65	NA	400.12	0.00	400.12
	06/03/04	431.77	NA	30.33	NA	401.44	0.00	401.44
	06/10/04	431.77	29.11	29.12	402.66	402.65	0.01	402.66
	06/17/04	431.77	NA	28.93	NA	402.84	0.00	402.84
	06/23/04	431.77	NA	28.16	NA	403.61	0.00	403.61
	06/30/04	431.77	NA	27.95	NA	403.82	0.00	403.82
	07/08/04	431.77	NA	28.74	NA	403.03	0.00	403.03
	07/14/04	431.77	NA	29.16	NA	402.61	0.00	402.61
	07/20/04	431.77	NA	29.47	NA	402.30	0.00	402.30
	07/28/04	431.77	NA	30.14	NA	401.63	0.00	401.63
	08/03/04	431.77	NA	30.40	NA	401.37	0.00	401.37
	08/11/04	431.77	NA	30.69	NA	401.08	0.00	401.08
	08/19/04	431.77	31.33	31.34	400.44	400.43	0.01	400.44
	08/27/04	431.77	NA	31.80	NA	399.97	0.00	399.97
	09/03/04	431.77	NA	29.92	NA	401.85	0.00	401.85
	09/21/04	431.77	NA	32.22	NA	399.55	0.00	399.55

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HB-37	10/20/04	431.77	NA	33.06	NA	398.71	0.00	398.71
	**11/17/04	431.77	NA	37.57	NA	394.20	0.00	394.20
HB-38	01/27/04	429.92	--	--	--	--	--	--
	02/18/04	429.92	NA	32.11	NA	397.81	0.00	397.81
	03/15/04	429.92	NA	30.44	NA	399.48	0.00	399.48
	04/21/04	429.92	NA	29.36	NA	400.56	0.00	400.56
	05/27/04	429.92	NA	29.09	NA	400.83	0.00	400.83
	06/03/04	429.92	--	--	--	--	--	--
	06/10/04	429.92	--	--	--	--	--	--
	06/17/04	429.92	NA	26.68	NA	403.24	0.00	403.24
	06/23/04	429.92	NA	25.81	NA	404.11	0.00	404.11
	06/30/04	429.92	NA	25.51	NA	404.41	0.00	404.41
	07/08/04	429.92	NA	26.09	NA	403.83	0.00	403.83
	07/14/04	429.92	NA	26.52	NA	403.40	0.00	403.40
	07/20/04	429.92	NA	26.79	NA	403.13	0.00	403.13
	07/28/04	429.92	NA	27.43	NA	402.49	0.00	402.49
	08/03/04	429.92	NA	27.73	NA	402.19	0.00	402.19
	08/11/04	429.92	NA	28.02	NA	401.90	0.00	401.90
	08/19/04	429.92	NA	28.62	NA	401.30	0.00	401.30
	08/26/04	429.92	NA	29.10	NA	400.82	0.00	400.82
	09/03/04	429.92	NA	28.47	NA	401.45	0.00	401.45
	09/21/04	429.92	NA	29.58	NA	400.34	0.00	400.34
	10/19/04	429.92	NA	30.42	NA	399.50	0.00	399.50
	11/16/04	429.92	NA	30.07	NA	399.85	0.00	399.85
HMW-01	01/27/04	429.97	NA	19.78	NA	410.19	0.00	410.19
	02/03/04	429.97	NA	20.10	NA	409.87	0.00	409.87
	02/16/04	429.97	NA	20.07	NA	409.90	0.00	409.90
	02/17/04	429.97	--	--	--	--	--	--
	02/19/04	429.97	NA	20.02	NA	409.95	0.00	409.95
	02/24/04	429.97	NA	20.31	NA	409.66	0.00	409.66
	03/05/04	429.97	NA	19.95	NA	410.02	0.00	410.02
	03/15/04	429.97	NA	19.15	NA	410.82	0.00	410.82
	04/20/04	429.97	NA	19.50	NA	410.47	0.00	410.47
	05/27/04	429.97	NA	16.21	NA	413.76	0.00	413.76
	06/03/04	429.97	NA	17.55	NA	412.42	0.00	412.42
	06/10/04	429.97	NA	18.12	NA	411.85	0.00	411.85
	06/17/04	429.97	NA	18.74	NA	411.23	0.00	411.23
	06/23/04	429.97	NA	18.18	NA	411.79	0.00	411.79
	06/30/04	429.97	NA	19.14	NA	410.83	0.00	410.83
	07/09/04	429.97	NA	19.37	NA	410.60	0.00	410.60
	07/14/04	429.97	NA	19.84	NA	410.13	0.00	410.13

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-01	07/20/04	429.97	NA	20.29	NA	409.68	0.00	409.68
	07/28/04	429.97	NA	20.76	NA	409.21	0.00	409.21
	08/03/04	429.97	NA	20.37	NA	409.60	0.00	409.60
	08/11/04	429.97	NA	20.76	NA	409.21	0.00	409.21
	08/16/04	429.97	29.95	29.96	400.02	400.01	0.01	400.02
	08/27/04	429.97	NA	21.06	NA	408.91	0.00	408.91
	09/03/04	429.97	NA	21.13	NA	408.84	0.00	408.84
	09/20/04	429.97	21.49	21.50	408.48	408.47	0.01	408.48
	**10/21/04	429.97	NA	21.95	NA	408.02	0.00	408.02
	11/17/04	429.97	NA	21.46	NA	408.51	0.00	408.51
HMW-02	01/27/04	429.65	32.11	32.88	397.54	396.77	0.77	397.36
	02/03/04	429.65	32.30	33.28	397.35	396.37	0.98	397.12
	02/16/04	429.65	32.51	34.11	397.14	395.54	1.60	396.77
	02/17/04	429.65	32.56	34.14	397.09	395.51	1.58	396.73
	02/18/04	429.65	32.51	34.15	397.14	395.50	1.64	396.76
	02/19/04	429.65	32.41	34.07	397.24	395.58	1.66	396.86
	02/24/04	429.65	32.57	34.26	397.08	395.39	1.69	396.69
	02/27/04	429.65	32.48	33.99	397.17	395.66	1.51	396.82
	03/01/04	429.65	32.34	33.38	397.31	396.27	1.04	397.07
	03/02/04	429.65	32.48	33.70	397.17	395.95	1.22	396.89
	03/03/04	429.65	32.48	33.75	397.17	395.90	1.27	396.88
	03/04/04	429.65	32.23	33.31	397.42	396.34	1.08	397.17
	03/05/04	429.65	32.35	33.19	397.30	396.46	0.84	397.11
	03/08/04	429.65	31.98	32.52	397.67	397.13	0.54	397.55
	03/09/04	429.65	31.90	32.45	397.75	397.20	0.55	397.62
	03/15/04	429.65	31.03	31.58	398.62	398.07	0.55	398.49
	03/16/04	429.65	30.91	31.46	398.74	398.19	0.55	398.61
	03/17/04	429.65	30.88	31.42	398.77	398.23	0.54	398.65
	03/18/04	429.65	30.88	31.44	398.77	398.21	0.56	398.64
	03/19/04	429.65	30.48	31.50	399.17	398.15	1.02	398.94
	03/23/04	429.65	30.80	31.31	398.85	398.34	0.51	398.73
	03/24/04	429.65	30.77	31.32	398.88	398.33	0.55	398.75
	03/30/04	429.65	30.55	31.10	399.10	398.55	0.55	398.97
	03/31/04	429.65	30.47	31.01	399.18	398.64	0.54	399.06
	04/01/04	429.65	30.29	30.91	399.36	398.74	0.62	399.22
	04/20/04	429.65	29.96	30.65	399.69	399.00	0.69	399.53
	05/27/04	429.65	29.54	30.01	400.11	399.64	0.47	400.00
	06/03/04	429.65	28.27	28.73	401.38	400.92	0.46	401.27
	06/10/04	429.65	26.52	27.54	403.13	402.11	1.02	402.90
	06/17/04	429.65	26.98	27.45	402.67	402.20	0.47	402.56
	06/23/04	429.65	26.26	26.70	403.39	402.95	0.44	403.29

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-02	06/30/04	429.65	26.09	26.50	403.56	403.15	0.41	403.47
	07/09/04	429.65	27.13	27.63	402.52	402.02	0.50	402.41
	07/14/04	429.65	27.45	27.88	402.20	401.77	0.43	402.10
	07/20/04	429.65	27.72	28.19	401.93	401.46	0.47	401.82
	07/28/04	429.65	28.35	28.79	401.30	400.86	0.44	401.20
	08/03/04	429.65	28.55	28.98	401.10	400.67	0.43	401.00
	08/11/04	429.65	28.88	29.49	400.77	400.16	0.61	400.63
	08/19/04	429.65	29.61	30.06	400.04	399.59	0.45	399.94
	08/27/04	429.65	29.91	30.38	399.74	399.27	0.47	399.63
	09/03/04	429.65	28.87	29.35	400.78	400.30	0.48	400.67
	09/20/04	429.65	30.26	30.74	399.39	398.91	0.48	399.28
	10/21/04	429.65	31.18	31.63	398.47	398.02	0.45	398.37
	11/17/04	429.65	30.64	31.12	399.01	398.53	0.48	398.90
HMW-03	01/27/04	428.72	NA	28.61	NA	400.11	0.00	400.11
	02/17/04	428.72	--	--	--	--	--	--
	03/09/04	428.72	NA	29.43	NA	399.29	0.00	399.29
	03/15/04	428.72	NA	28.03	NA	400.69	0.00	400.69
	04/20/04	428.72	NA	26.60	NA	402.12	0.00	402.12
	05/27/04	428.72	--	--	--	--	--	--
	06/03/04	428.72	NA	24.98	NA	403.74	0.00	403.74
	06/10/04	428.72	NA	23.68	NA	405.04	0.00	405.04
	06/17/04	428.72	--	--	--	--	--	--
	06/23/04	428.72	NA	22.95	NA	405.77	0.00	405.77
	06/30/04	428.72	NA	22.67	NA	406.05	0.00	406.05
	07/08/04	428.72	NA	23.23	NA	405.49	0.00	405.49
	07/14/04	428.72	NA	23.60	NA	405.12	0.00	405.12
	07/20/04	428.72	NA	23.97	NA	404.75	0.00	404.75
	07/28/04	428.72	NA	24.97	NA	403.75	0.00	403.75
	08/03/04	428.72	NA	25.24	NA	403.48	0.00	403.48
	08/11/04	428.72	NA	25.56	NA	403.16	0.00	403.16
	08/19/04	428.72	NA	26.06	NA	402.66	0.00	402.66
	08/27/04	428.72	NA	26.85	NA	401.87	0.00	401.87
	09/03/04	428.72	NA	26.56	NA	402.16	0.00	402.16
	09/20/04	428.72	NA	27.52	NA	401.20	0.00	401.20
	10/21/04	428.72	--	--	--	--	--	--
	11/16/04	428.72	NA	27.95	NA	400.77	0.00	400.77
HMW-04	01/27/04	428.96	10.93	10.94	418.03	418.02	0.01	418.03
	03/09/04	428.96	NA	11.20	NA	417.76	0.00	417.76
	02/17/04	428.96	--	--	--	--	--	--
	03/15/04	428.96	NA	11.00	NA	417.96	0.00	417.96
	04/20/04	428.96	NA	12.01	NA	416.95	0.00	416.95

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-04	05/27/04	428.96	--	--	--	--	--	--
	06/03/04	428.96	NA	7.57	NA	421.39	0.00	421.39
	06/10/04	428.96	NA	8.15	NA	420.81	0.00	420.81
	06/17/04	428.96	NA	8.73	NA	420.23	0.00	420.23
	06/23/04	428.96	NA	6.84	NA	422.12	0.00	422.12
	06/30/04	428.96	NA	8.03	NA	420.93	0.00	420.93
	07/08/04	428.96	NA	8.06	NA	420.90	0.00	420.90
	07/14/04	428.96	NA	8.84	NA	420.12	0.00	420.12
	07/20/04	428.96	NA	9.97	NA	418.99	0.00	418.99
	07/28/04	428.96	NA	11.31	NA	417.65	0.00	417.65
	08/03/04	428.96	NA	10.87	NA	418.09	0.00	418.09
	08/11/04	428.96	NA	11.19	NA	417.77	0.00	417.77
	08/19/04	428.96	NA	12.28	NA	416.68	0.00	416.68
	08/25/04	428.96	NA	12.59	NA	416.37	0.00	416.37
	09/03/04	428.96	NA	12.82	NA	416.14	0.00	416.14
	09/20/04	428.96	NA	14.99	NA	413.97	0.00	413.97
	10/19/04	428.96	NA	17.68	NA	411.28	0.00	411.28
	11/17/04	428.96	NA	14.26	NA	414.70	0.00	414.70
HMW-07[4]	01/27/04	429.12	NA	24.76	NA	404.36	0.00	404.36
	02/17/04	429.12	NA	24.94	NA	404.18	0.00	404.18
	02/19/04	429.12	NA	24.86	NA	404.26	0.00	404.26
	03/15/04	429.12	NA	24.68	NA	404.44	0.00	404.44
	04/20/04	429.12	NA	24.49	NA	404.63	0.00	404.63
	05/27/04	429.12	NA	24.01	NA	405.11	0.00	405.11
	06/03/04	429.12	NA	23.53	NA	405.59	0.00	405.59
	06/10/04	429.12	NA	23.18	NA	405.94	0.00	405.94
	06/17/04	429.12	NA	22.70	NA	406.42	0.00	406.42
	06/23/04	429.12	NA	22.26	NA	406.86	0.00	406.86
	06/30/04	429.12	NA	22.31	NA	406.81	0.00	406.81
	07/08/04	429.12	NA	22.40	NA	406.72	0.00	406.72
	07/14/04	429.12	NA	22.60	NA	406.52	0.00	406.52
	07/20/04	429.12	NA	23.07	NA	406.05	0.00	406.05
	07/28/04	429.12	NA	23.63	NA	405.49	0.00	405.49
	08/03/04	429.12	NA	23.51	NA	405.61	0.00	405.61
	08/11/04	429.12	NA	23.79	NA	405.33	0.00	405.33
	08/19/04	429.12	NA	24.07	NA	405.05	0.00	405.05
	08/25/04	429.12	24.21	24.22	404.91	404.90	0.01	404.91
	09/03/04	429.12	NA	24.18	NA	404.94	0.00	404.94
	09/20/04	429.12	NA	24.49	NA	404.63	0.00	404.63
	10/20/04	429.12	NA	24.77	NA	404.35	0.00	404.35
	11/17/04	429.12	NA	24.81	NA	404.31	0.00	404.31

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-08[4]	01/27/04	429.74	32.85	34.15	396.89	395.59	1.30	396.59
	02/19/04	429.74	33.21	35.71	396.53	394.03	2.50	395.96
	03/04/04	429.74	32.85	34.41	396.89	395.33	1.56	396.53
	03/05/04	429.74	33.01	34.30	396.73	395.44	1.29	396.43
	03/08/04	429.74	32.20	33.27	397.54	396.47	1.07	397.29
	03/09/04	429.74	32.10	33.01	397.64	396.73	0.91	397.43
	03/15/04	429.74	31.12	32.72	398.62	397.02	1.60	398.25
	04/20/04	429.74	30.43	32.86	399.31	396.88	2.43	398.75
	05/19/04	429.74	30.95	32.75	398.79	396.99	1.80	398.38
	05/20/04	429.74	30.93	32.64	398.81	397.10	1.71	398.42
	05/20/04	429.74	30.90	32.62	398.84	397.12	1.72	398.44
	05/20/04	429.74	30.84	32.66	398.90	397.08	1.82	398.48
	05/20/04	429.74	30.84	32.65	398.90	397.09	1.81	398.48
	05/21/04	429.74	30.79	32.53	398.95	397.21	1.74	398.55
	05/21/04	429.74	30.75	32.49	398.99	397.25	1.74	398.59
	05/21/04	429.74	30.74	32.49	399.00	397.25	1.75	398.60
	05/21/04	429.74	30.67	32.54	399.07	397.20	1.87	398.64
	05/24/04	429.74	30.29	32.40	399.45	397.34	2.11	398.96
	05/24/04	429.74	30.19	32.30	399.55	397.44	2.11	399.06
	05/24/04	429.74	30.13	32.23	399.61	397.51	2.10	399.13
	05/25/04	429.74	30.18	32.29	399.56	397.45	2.11	399.07
	05/25/04	429.74	30.17	32.26	399.57	397.48	2.09	399.09
	05/25/04	429.74	30.15	32.24	399.59	397.50	2.09	399.11
	05/25/04	429.74	30.16	32.24	399.58	397.50	2.08	399.10
	05/26/04	429.74	30.14	32.23	399.60	397.51	2.09	399.12
	05/26/04	429.74	29.87	31.96	399.87	397.78	2.09	399.39
	05/27/04	429.74	29.61	31.73	400.13	398.01	2.12	399.64
	05/27/04	429.74	29.44	31.55	400.30	398.19	2.11	399.81
	05/28/04	429.74	29.28	31.39	400.46	398.35	2.11	399.97
	06/01/04	429.74	28.03	30.14	401.71	399.60	2.11	401.22
	06/01/04	429.74	28.06	30.16	401.68	399.58	2.10	401.20
	06/02/04	429.74	28.12	30.23	401.62	399.51	2.11	401.13
	06/02/04	429.74	28.07	30.18	401.67	399.56	2.11	401.18
	06/03/04	429.74	28.02	30.13	401.72	399.61	2.11	401.23
	06/03/04	429.74	27.83	29.94	401.91	399.80	2.11	401.42
	06/04/04	429.74	27.63	29.74	402.11	400.00	2.11	401.62
	06/10/04	429.74	26.90	29.00	402.84	400.74	2.10	402.36
	06/17/04	429.74	26.72	28.80	403.02	400.94	2.08	402.54
	06/23/04	429.74	26.07	28.14	403.67	401.60	2.07	403.19
	06/30/04	429.74	25.98	28.01	403.76	401.73	2.03	403.29
	07/08/04	429.74	27.19	29.25	402.55	400.49	2.06	402.08

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-08[4]	07/14/04	429.74	26.76	32.55	402.98	397.19	5.79	401.65
	07/20/04	429.74	27.05	32.64	402.69	397.10	5.59	401.40
	07/28/04	429.74	27.98	32.66	401.76	397.08	4.68	400.68
	08/03/04	429.74	28.25	32.75	401.49	396.99	4.50	400.46
	08/11/04	429.74	28.77	32.67	400.97	397.07	3.90	400.07
	08/19/04	429.74	29.80	32.95	399.94	396.79	3.15	399.22
	08/25/04	429.74	30.17	32.96	399.57	396.78	2.79	398.93
	09/03/04	429.74	28.82	31.78	400.92	397.96	2.96	400.24
	09/20/04	429.74	30.54	33.05	399.20	396.69	2.51	398.62
	10/20/04	429.74	32.44	33.51	397.30	396.23	1.07	397.05
	11/17/04	429.74	31.01	32.50	398.73	397.24	1.49	398.39
HMW-09	01/27/04	430.23	--	N/A	DRY	--	0.00	--
	02/03/04	430.23	DRY	DRY	DRY	DRY	DRY	DRY
	02/16/04	430.23	DRY	DRY	DRY	DRY	DRY	DRY
	02/17/04	430.23	--	--	--	--	--	--
	02/19/04	430.23	DRY	DRY	DRY	DRY	DRY	DRY
	02/24/04	430.23	DRY	DRY	DRY	DRY	DRY	DRY
	03/08/04	430.23	DRY	DRY	DRY	DRY	DRY	DRY
	03/15/04	430.23	--	N/A	DRY	--	DRY	--
	04/20/04	430.23	--	N/A	DRY	--	DRY	--
	05/27/04	430.23	NA	23.18	NA	407.05	0.00	407.05
	06/03/04	430.23	NA	23.19	NA	407.04	0.00	407.04
	06/10/04	430.23	NA	23.18	NA	407.05	0.00	407.05
	06/17/04	430.23	NA	23.17	NA	407.06	0.00	407.06
	06/23/04	430.23	NA	23.18	NA	407.05	0.00	407.05
	06/30/04	430.23	NA	23.18	NA	407.05	0.00	407.05
	07/09/04	430.23	--	N/A	DRY	--	DRY	--
	07/14/04	430.23	NA	23.19	NA	407.04	0.00	407.04
	07/20/04	430.23	NA	23.18	NA	407.05	0.00	407.05
	07/28/04	430.23	--	N/A	DRY	--	DRY	--
	08/03/04	430.23	--	N/A	DRY	--	DRY	--
	08/11/04	430.23	--	N/A	DRY	--	DRY	--
	08/19/04	430.23	--	N/A	DRY	--	DRY	--
	08/25/04	430.23	NA	23.16	NA	407.07	0.00	407.07
	09/03/04	430.23	--	N/A	DRY	--	DRY	--
	09/20/04	430.23	--	N/A	DRY	--	DRY	--
	10/21/04	430.23	NA	23.17	NA	407.06	0.00	407.06
	11/17/04	430.23	--	N/A	DRY	--	DRY	--
HMW-10	01/27/04	430.20	32.57	34.17	397.63	396.03	1.60	397.26
	02/03/04	430.20	32.78	34.68	397.42	395.52	1.90	396.98
	02/16/04	430.20	33.11	35.18	397.09	395.02	2.07	396.61

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-10	02/17/04	430.20	33.13	35.26	397.07	394.94	2.13	396.58
	02/18/04	430.20	33.11	35.17	397.09	395.03	2.06	396.62
	02/19/04	430.20	33.00	35.03	397.20	395.17	2.03	396.73
	02/24/04	430.20	32.16	35.24	398.04	394.96	3.08	397.33
	02/27/04	430.20	33.05	34.86	397.15	395.34	1.81	396.73
	03/01/04	430.20	32.88	34.21	397.32	395.99	1.33	397.01
	03/02/04	430.20	33.05	34.61	397.15	395.59	1.56	396.79
	03/03/04	430.20	33.03	34.52	397.17	395.68	1.49	396.83
	03/04/04	430.20	32.80	33.91	397.40	396.29	1.11	397.14
	03/05/04	430.20	32.78	33.93	397.42	396.27	1.15	397.16
	03/08/04	430.20	32.42	33.37	397.78	396.83	0.95	397.56
	03/09/04	430.20	32.30	33.23	397.90	396.97	0.93	397.69
	03/15/04	430.20	31.52	32.10	398.68	398.10	0.58	398.55
	03/16/04	430.20	31.41	32.07	398.79	398.13	0.66	398.64
	03/17/04	430.20	31.40	32.07	398.80	398.13	0.67	398.65
	03/18/04	430.20	31.42	32.14	398.78	398.06	0.72	398.61
	03/19/04	430.20	31.51	32.18	398.69	398.02	0.67	398.54
	03/23/04	430.20	31.34	32.08	398.86	398.12	0.74	398.69
	03/24/04	430.20	31.32	32.14	398.88	398.06	0.82	398.69
	03/30/04	430.20	31.09	31.75	399.11	398.45	0.66	398.96
	03/31/04	430.20	31.01	31.74	399.19	398.46	0.73	399.02
	04/01/04	430.20	30.84	31.59	399.36	398.61	0.75	399.19
	04/20/04	430.20	30.47	31.76	399.73	398.44	1.29	399.43
	05/27/04	430.20	30.09	30.79	400.11	399.41	0.70	399.95
	06/03/04	430.20	28.27	31.13	401.93	399.07	2.86	401.27
	06/10/04	430.20	26.73	31.07	403.47	399.13	4.34	402.47
	06/17/04	430.20	26.58	31.03	403.62	399.17	4.45	402.60
	06/23/04	430.20	25.63	31.02	404.57	399.18	5.39	403.33
	06/30/04	430.20	25.42	31.03	404.78	399.17	5.61	403.49
	07/08/04	430.20	26.77	31.85	403.43	398.35	5.08	402.26
	07/14/04	430.20	27.18	31.16	403.02	399.04	3.98	402.10
	07/20/04	430.20	27.53	30.86	402.67	399.34	3.33	401.90
	07/28/04	430.20	28.39	31.06	401.81	399.14	2.67	401.20
	08/03/04	430.20	28.72	31.01	401.48	399.19	2.29	400.95
	08/11/04	430.20	29.08	31.13	401.12	399.07	2.05	400.65
	08/19/04	430.20	29.97	31.39	400.23	398.81	1.42	399.90
	08/25/04	430.20	30.34	31.55	399.86	398.65	1.21	399.58
	09/03/04	430.20	29.14	30.90	401.06	399.30	1.76	400.66
	09/20/04	430.20	30.67	31.86	399.53	398.34	1.19	399.26
	10/21/04	430.20	31.46	33.06	398.74	397.14	1.60	398.37
	11/17/04	430.20	31.11	31.84	399.09	398.36	0.73	398.92

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-13	01/27/04	430.81	NA	18.67	NA	412.14	0.00	412.14
	02/03/04	430.81	NA	18.69	NA	412.12	0.00	412.12
	02/16/04	430.81	NA	18.68	NA	412.13	0.00	412.13
	02/17/04	430.81	--	--	--	--	--	--
	02/19/04	430.81	NA	18.71	NA	412.10	0.00	412.10
	03/15/04	430.81	NA	18.71	NA	412.10	0.00	412.10
	04/20/04	430.81	NA	18.70	NA	412.11	0.00	412.11
	05/27/04	431.81	NA	18.67	NA	413.14	0.00	413.14
	06/03/04	431.81	NA	18.67	NA	413.14	0.00	413.14
	06/10/04	431.81	NA	18.67	NA	413.14	0.00	413.14
	06/17/04	431.81	NA	18.71	NA	413.10	0.00	413.10
	06/23/04	431.81	NA	18.71	NA	413.10	0.00	413.10
	06/30/04	431.81	NA	18.72	NA	413.09	0.00	413.09
	07/08/04	431.81	NA	18.69	NA	413.12	0.00	413.12
	07/14/04	431.81	NA	18.68	NA	413.13	0.00	413.13
	07/20/04	431.81	NA	18.69	NA	413.12	0.00	413.12
	07/28/04	431.81	NA	18.68	NA	413.13	0.00	413.13
	08/03/04	431.81	NA	18.70	NA	413.11	0.00	413.11
	08/11/04	431.81	NA	18.67	NA	413.14	0.00	413.14
	08/19/04	431.81	NA	18.67	NA	413.14	0.00	413.14
	08/27/04	431.81	NA	18.69	NA	413.12	0.00	413.12
	09/03/04	431.81	NA	DRY	DRY	DRY	DRY	DRY
	09/21/04	431.81	NA	18.68	NA	413.13	0.00	413.13
	10/20/04	431.81	NA	18.68	NA	413.13	0.00	413.13
	11/17/04	431.81	NA	18.70	NA	413.11	0.00	413.11
HMW-14	01/27/04	430.86	33.63	34.96	397.23	395.90	1.33	396.92
	02/03/04	430.86	33.80	35.70	397.06	395.16	1.90	396.62
	02/16/04	430.86	34.21	36.02	396.65	394.84	1.81	396.23
	02/17/04	430.86	--	--	--	--	--	--
	02/19/04	430.86	34.11	36.00	396.75	394.86	1.89	396.32
	03/04/04	430.86	33.75	34.75	397.11	396.11	1.00	396.88
	03/08/04	430.86	33.35	33.49	397.51	397.37	0.14	397.48
	03/15/04	430.86	32.18	32.42	398.68	398.44	0.24	398.62
	03/18/04	430.86	32.12	32.58	398.74	398.28	0.46	398.63
	03/19/04	430.86	32.21	32.72	398.65	398.14	0.51	398.53
	03/30/04	430.86	31.81	32.20	399.05	398.66	0.39	398.96
	03/31/04	430.86	31.55	31.94	399.31	398.92	0.39	399.22
	04/20/04	430.86	31.43	32.44	399.43	398.42	1.01	399.20
	05/27/04	430.86	NA	30.89	NA	399.97	0.00	399.97
	06/03/04	430.86	29.04	30.09	401.82	400.77	1.05	401.58
	06/10/04	430.86	28.18	28.20	402.68	402.66	0.02	402.68

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-14	06/17/04	430.86	27.86	28.47	403.00	402.39	0.61	402.86
	06/23/04	430.86	26.84	28.68	404.02	402.18	1.84	403.60
	06/30/04	430.86	26.75	28.58	404.11	402.28	1.83	403.69
	07/08/04	430.86	27.91	29.50	402.95	401.36	1.59	402.58
	07/14/04	430.86	28.35	29.79	402.51	401.07	1.44	402.18
	07/20/04	430.86	28.66	30.18	402.20	400.68	1.52	401.85
	07/28/04	430.86	29.58	30.44	401.28	400.42	0.86	401.08
	08/03/04	430.86	29.78	30.77	401.08	400.09	0.99	400.85
	08/11/04	430.86	30.10	31.14	400.76	399.72	1.04	400.52
	08/19/04	430.86	30.88	32.01	399.98	398.85	1.13	399.72
	08/27/04	430.86	31.29	31.71	399.57	399.15	0.42	399.47
	09/03/04	430.86	30.21	30.37	400.65	400.49	0.16	400.61
	09/21/04	430.86	31.82	32.25	399.04	398.61	0.43	398.94
	10/20/04	430.86	NA	32.57	NA	398.29	0.00	398.29
	11/17/04	430.86	32.01	32.45	398.85	398.41	0.44	398.75
HMW-18	01/27/04	431.58	34.55	36.12	397.03	395.46	1.57	396.67
	02/17/04	431.58	--	--	--	--	--	--
	03/15/04	431.58	33.11	34.04	398.47	397.54	0.93	398.26
	04/21/04	431.58	32.61	33.06	398.97	398.52	0.45	398.87
	05/27/04	431.58	31.73	32.56	399.85	399.02	0.83	399.66
	06/03/04	431.58	29.88	30.94	401.70	400.64	1.06	401.46
	06/10/04	431.58	28.33	30.30	403.25	401.28	1.97	402.80
	06/17/04	431.58	27.97	30.46	403.61	401.12	2.49	403.04
	06/23/04	431.58	27.00	29.58	404.58	402.00	2.58	403.99
	06/30/04	431.58	26.89	30.24	404.69	401.34	3.35	403.92
	07/09/04	431.58	28.34	31.54	403.24	400.04	3.20	402.50
	07/14/04	431.58	28.75	31.44	402.83	400.14	2.69	402.21
	07/20/04	431.58	29.13	31.65	402.45	399.93	2.52	401.87
	07/28/04	431.58	29.98	31.84	401.60	399.74	1.86	401.17
	08/03/04	431.58	30.36	32.17	401.22	399.41	1.81	400.80
	08/11/04	431.58	30.70	32.44	400.88	399.14	1.74	400.48
	08/19/04	431.58	31.59	33.00	399.99	398.58	1.41	399.67
	08/26/04	431.58	31.98	33.01	399.60	398.57	1.03	399.36
	09/03/04	431.58	30.88	31.89	400.70	399.69	1.01	400.47
	09/21/04	431.58	32.57	33.17	399.01	398.41	0.60	398.87
	10/19/04	431.58	33.35	34.01	398.23	397.57	0.66	398.08
	11/17/04	431.58	32.87	33.34	398.71	398.24	0.47	398.60
HMW-19	01/27/04	431.80	34.90	35.72	396.90	396.08	0.82	396.71
	02/17/04	431.80	--	--	--	--	--	--
	03/15/04	431.80	33.08	33.09	398.72	398.71	0.01	398.72
	04/21/04	431.80	32.29	33.29	399.51	398.51	1.00	399.28

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-19	05/27/04	431.80	31.72	32.13	400.08	399.67	0.41	399.99
	06/03/04	431.80	30.31	32.45	401.49	399.35	2.14	401.00
	06/10/04	431.80	27.99	30.87	403.81	400.93	2.88	403.15
	06/17/04	431.80	28.10	29.41	403.70	402.39	1.31	403.40
	06/23/04	431.80	27.59	28.08	404.21	403.72	0.49	404.10
	06/30/04	431.80	27.49	28.09	404.31	403.71	0.60	404.17
	07/09/04	431.80	28.12	31.32	403.68	400.48	3.20	402.94
	07/14/04	431.80	28.58	31.30	403.22	400.50	2.72	402.59
	07/20/04	431.80	29.03	31.33	402.77	400.47	2.30	402.24
	07/28/04	431.80	29.98	31.38	401.82	400.42	1.40	401.50
	08/03/04	431.80	30.44	31.49	401.36	400.31	1.05	401.12
	08/11/04	431.80	30.83	31.58	400.97	400.22	0.75	400.80
	08/19/04	431.80	31.75	32.09	400.05	399.71	0.34	399.97
	08/26/04	431.80	32.14	32.44	399.66	399.36	0.30	399.59
	09/03/04	431.80	30.80	31.58	401.00	400.22	0.78	400.82
	09/21/04	431.80	32.49	33.09	399.31	398.71	0.60	399.17
	10/19/04	431.80	33.08	34.43	398.72	397.37	1.35	398.41
	11/17/04	431.80	32.77	33.33	399.03	398.47	0.56	398.90
HMW-20	01/27/04	430.65	32.91	33.86	397.74	396.79	0.95	397.52
	02/17/04	430.65	--	--	--	--	--	--
	03/15/04	430.65	31.24	32.88	399.41	397.77	1.64	399.03
	04/21/04	430.65	30.00	33.31	400.65	397.34	3.31	399.89
	05/27/04	430.65	29.53	32.75	401.12	397.90	3.22	400.38
	06/03/04	430.65	27.51	32.97	403.14	397.68	5.46	401.88
	06/10/04	430.65	26.42	32.91	404.23	397.74	6.49	402.74
	06/17/04	430.65	26.24	32.87	404.41	397.78	6.63	402.89
	06/23/04	430.65	25.21	31.91	405.44	398.74	6.70	403.90
	06/30/04	430.65	24.91	32.75	405.74	397.90	7.84	403.94
	07/08/04	430.65	25.93	32.73	404.72	397.92	6.80	403.16
	07/14/04	430.65	26.50	32.70	404.15	397.95	6.20	402.72
	07/20/04	430.65	26.87	32.67	403.78	397.98	5.80	402.45
	07/28/04	430.65	27.75	32.60	402.90	398.05	4.85	401.78
	08/03/04	430.65	27.99	32.67	402.66	397.98	4.68	401.58
	08/11/04	430.65	28.45	32.65	402.20	398.00	4.20	401.23
	08/19/04	430.65	29.36	32.66	401.29	397.99	3.30	400.53
	08/25/04	430.65	29.68	32.65	400.97	398.00	2.97	400.29
	09/03/04	430.65	28.82	32.53	401.83	398.12	3.71	400.98
	09/21/04	430.65	30.44	32.60	400.21	398.05	2.16	399.71
	10/20/04	430.65	31.51	32.68	399.14	397.97	1.17	398.87
	11/17/04	430.65	30.85	32.80	399.80	397.85	1.95	399.35

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-21[4]	01/27/04	430.05	NA	21.93	NA	408.12	0.00	408.12
	02/17/04	430.05	NA	22.06	NA	407.99	0.00	407.99
	02/19/04	430.05	NA	22.00	NA	408.05	0.00	408.05
	03/15/04	430.05	NA	21.70	NA	408.35	0.00	408.35
	04/20/04	430.05	NA	21.42	NA	408.63	0.00	408.63
	05/27/04	430.05	NA	20.35	NA	409.70	0.00	409.70
	06/03/04	430.05	NA	19.76	NA	410.29	0.00	410.29
	06/10/04	430.05	NA	19.81	NA	410.24	0.00	410.24
	06/17/04	430.05	NA	19.66	NA	410.39	0.00	410.39
	06/23/04	430.05	NA	18.68	NA	411.37	0.00	411.37
	06/30/04	430.05	NA	19.15	NA	410.90	0.00	410.90
	07/09/04	430.05	NA	18.90	NA	411.15	0.00	411.15
	07/14/04	430.05	NA	19.38	NA	410.67	0.00	410.67
	07/20/04	430.05	NA	19.74	NA	410.31	0.00	410.31
	07/28/04	430.05	NA	20.19	NA	409.86	0.00	409.86
	08/03/04	430.05	NA	19.75	NA	410.30	0.00	410.30
	08/11/04	430.05	NA	20.24	NA	409.81	0.00	409.81
	08/19/04	430.05	NA	20.59	NA	409.46	0.00	409.46
	08/27/04	430.05	NA	20.78	NA	409.27	0.00	409.27
	09/03/04	430.05	NA	20.87	NA	409.18	0.00	409.18
	09/21/04	430.05	NA	21.41	NA	408.64	0.00	408.64
	10/21/04	430.05	NA	22.19	NA	407.86	0.00	407.86
	11/17/04	430.05	NA	22.10	NA	407.95	0.00	407.95
HMW-22[4]	01/27/04	430.15	33.20	35.00	396.95	395.15	1.80	396.54
	02/17/04	430.15	33.70	36.42	396.45	393.73	2.72	395.82
	02/18/04	430.15	33.70	36.36	396.45	393.79	2.66	395.84
	02/19/04	430.15	33.51	36.24	396.64	393.91	2.73	396.01
	03/05/04	430.15	33.38	34.92	396.77	395.23	1.54	396.42
	03/08/04	430.15	32.64	33.48	397.51	396.67	0.84	397.32
	03/09/04	430.15	32.54	33.26	397.61	396.89	0.72	397.44
	03/15/04	430.15	31.59	32.74	398.56	397.41	1.15	398.30
	04/20/04	430.15	31.25	31.42	398.90	398.73	0.17	398.86
	05/20/04	430.15	31.47	32.30	398.68	397.85	0.83	398.49
	05/20/04	430.15	31.29	32.71	398.86	397.44	1.42	398.53
	05/21/04	430.15	31.22	32.65	398.93	397.50	1.43	398.60
	05/21/04	430.15	31.10	32.64	399.05	397.51	1.54	398.70
	05/24/04	430.15	30.71	32.59	399.44	397.56	1.88	399.01
	05/24/04	430.15	30.52	32.59	399.63	397.56	2.07	399.15
	05/25/04	430.15	30.56	32.57	399.59	397.58	2.01	399.13
	05/25/04	430.15	30.47	32.56	399.68	397.59	2.09	399.20
	05/26/04	430.15	30.42	32.54	399.73	397.61	2.12	399.24

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-22[4]	05/26/04	430.15	30.21	32.49	399.94	397.66	2.28	399.42
	05/27/04	430.15	29.88	32.51	400.27	397.64	2.63	399.67
	05/27/04	430.15	29.68	32.54	400.47	397.61	2.86	399.81
	05/28/04	430.15	29.52	32.48	400.63	397.67	2.96	399.95
	06/01/04	430.15	27.93	32.44	402.22	397.71	4.51	401.18
	06/02/04	430.15	28.02	32.44	402.13	397.71	4.42	401.11
	06/02/04	430.15	27.94	32.44	402.21	397.71	4.50	401.18
	06/03/04	430.15	27.90	32.41	402.25	397.74	4.51	401.21
	06/03/04	430.15	27.66	32.41	402.49	397.74	4.75	401.40
	06/04/04	430.15	27.41	32.40	402.74	397.75	4.99	401.59
	06/10/04	430.15	26.43	32.39	403.72	397.76	5.96	402.35
	06/17/04	430.15	26.39	32.71	403.76	397.44	6.32	402.31
	06/23/04	430.15	25.44	32.05	404.71	398.10	6.61	403.19
	06/30/04	430.15	25.31	32.01	404.84	398.14	6.70	403.30
	**07/09/04	430.15	28.10	28.15	402.05	402.00	0.05	402.04
	07/14/04	430.15	27.24	32.55	402.91	397.60	5.31	401.69
	07/20/04	430.15	28.38	29.56	401.77	400.59	1.18	401.50
	07/28/04	430.15	28.59	32.16	401.56	397.99	3.57	400.74
	08/03/04	430.15	28.64	32.56	401.51	397.59	3.92	400.61
	08/11/04	430.15	29.91	30.14	400.24	400.01	0.23	400.19
	08/19/04	430.15	30.86	30.87	399.29	399.28	0.01	399.29
	08/27/04	430.15	30.50	32.59	399.65	397.56	2.09	399.17
	09/03/04	430.15	29.00	32.23	401.15	397.92	3.23	400.41
	09/21/04	430.15	NA	31.57	NA	398.58	0.00	398.58
	10/21/04	430.15	32.01	33.23	398.14	396.92	1.22	397.86
	11/17/04	430.15	31.58	32.05	398.57	398.10	0.47	398.46
HMW-25	01/27/04	427.45	NA	29.96	NA	397.49	0.00	397.49
	02/17/04	427.45	--	--	--	--	--	--
	03/15/04	427.45	NA	27.31	NA	400.14	0.00	400.14
	04/21/04	427.45	NA	27.34	NA	400.11	0.00	400.11
	05/27/04	427.45	NA	25.93	NA	401.52	0.00	401.52
	06/03/04	427.45	NA	23.70	NA	403.75	0.00	403.75
	06/10/04	427.45	NA	22.52	NA	404.93	0.00	404.93
	06/17/04	427.45	NA	22.26	NA	405.19	0.00	405.19
	06/23/04	427.45	NA	21.41	NA	406.04	0.00	406.04
	06/30/04	427.45	NA	21.51	NA	405.94	0.00	405.94
	07/09/04	427.45	NA	23.03	NA	404.42	0.00	404.42
	07/14/04	427.45	NA	23.62	NA	403.83	0.00	403.83
	07/20/04	427.45	NA	24.00	NA	403.45	0.00	403.45
	07/28/04	427.45	NA	24.96	NA	402.49	0.00	402.49
	08/03/04	427.45	NA	25.47	NA	401.98	0.00	401.98

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-25	08/11/04	427.45	NA	25.90	NA	401.55	0.00	401.55
	08/17/04	427.45	NA	26.65	NA	400.80	0.00	400.80
	08/26/04	427.45	NA	27.33	NA	400.12	0.00	400.12
	09/03/04	427.45	NA	25.60	NA	401.85	0.00	401.85
	09/21/04	427.45	NA	27.77	NA	399.68	0.00	399.68
	10/18/04	427.45	NA	28.56	NA	398.89	0.00	398.89
	11/16/04	427.45	NA	27.77	NA	399.68	0.00	399.68
HMW-26	01/27/04	425.20	NA	27.15	NA	398.05	0.00	398.05
	02/17/04	425.20	--	--	--	--	--	--
	03/15/04	425.20	NA	26.03	NA	399.17	0.00	399.17
	04/21/04	425.20	NA	24.64	NA	400.56	0.00	400.56
	05/27/04	425.20	NA	24.31	NA	400.89	0.00	400.89
	06/03/04	425.20	NA	23.13	NA	402.07	0.00	402.07
	06/10/04	425.20	NA	21.87	NA	403.33	0.00	403.33
	06/17/04	425.20	NA	21.33	NA	403.87	0.00	403.87
	06/23/04	425.20	NA	20.61	NA	404.59	0.00	404.59
	06/30/04	425.20	NA	20.24	NA	404.96	0.00	404.96
	07/09/04	425.20	NA	20.79	NA	404.41	0.00	404.41
	**07/14/04	425.20	NA	24.15	NA	401.05	0.00	401.05
	07/20/04	425.20	NA	21.41	NA	403.79	0.00	403.79
	07/28/04	425.20	NA	22.05	NA	403.15	0.00	403.15
	08/03/04	425.20	NA	22.45	NA	402.75	0.00	402.75
	08/11/04	425.20	NA	22.90	NA	402.30	0.00	402.30
	08/17/04	425.20	NA	25.29	NA	399.91	0.00	399.91
	08/26/04	425.20	NA	24.06	NA	401.14	0.00	401.14
	09/03/04	425.20	NA	23.45	NA	401.75	0.00	401.75
	09/21/04	425.20	NA	24.59	NA	400.61	0.00	400.61
	10/18/04	425.20	NA	25.47	NA	399.73	0.00	399.73
	11/16/04	425.20	NA	25.12	NA	400.08	0.00	400.08
HMW-27[5]	01/27/04	430.75	NA	32.21	NA	398.54	0.00	398.54
	02/17/04	430.75	--	--	--	--	--	--
	03/15/04	430.75	NA	31.38	NA	399.37	0.00	399.37
	04/22/04	430.75	NA	29.90	NA	400.85	0.00	400.85
	05/27/04	430.75	NA	29.57	NA	401.18	0.00	401.18
	06/03/04	430.75	NA	28.71	NA	402.04	0.00	402.04
	06/10/04	430.75	NA	27.76	NA	402.99	0.00	402.99
	06/17/04	430.75	NA	27.04	NA	403.71	0.00	403.71
	06/23/04	430.75	NA	26.21	NA	404.54	0.00	404.54
	06/30/04	430.75	NA	25.64	NA	405.11	0.00	405.11
	07/09/04	430.75	NA	25.99	NA	404.76	0.00	404.76
	07/14/04	430.75	NA	26.37	NA	404.38	0.00	404.38

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-27[5]	07/20/04	430.75	NA	26.73	NA	404.02	0.00	404.02
	07/28/04	430.75	NA	27.26	NA	403.49	0.00	403.49
	08/03/04	430.75	NA	27.65	NA	403.10	0.00	403.10
	08/11/04	430.75	NA	28.10	NA	402.65	0.00	402.65
	08/17/04	430.75	NA	28.40	NA	402.35	0.00	402.35
	08/25/04	430.75	NA	29.09	NA	401.66	0.00	401.66
	09/03/04	430.75	NA	28.92	NA	401.83	0.00	401.83
	09/21/04	430.75	NA	29.74	NA	401.01	0.00	401.01
	10/19/04	430.75	NA	30.75	NA	400.00	0.00	400.00
	**11/17/04	430.75	NA	28.51	NA	402.24	0.00	402.24
HMW-28	01/27/04	430.97	NA	32.05	NA	398.92	0.00	398.92
	02/17/04	430.97	--	--	--	--	--	--
	03/15/04	430.97	NA	30.58	NA	400.39	0.00	400.39
	04/21/04	430.97	NA	29.69	NA	401.28	0.00	401.28
	05/27/04	430.97	NA	29.31	NA	401.66	0.00	401.66
	06/03/04	430.97	NA	28.86	NA	402.11	0.00	402.11
	06/10/04	430.97	NA	26.77	NA	404.20	0.00	404.20
	06/17/04	430.97	NA	26.35	NA	404.62	0.00	404.62
	06/23/04	430.97	NA	25.60	NA	405.37	0.00	405.37
	06/30/04	430.97	NA	25.28	NA	405.69	0.00	405.69
	07/08/04	430.97	NA	25.91	NA	405.06	0.00	405.06
	07/14/04	430.97	NA	26.42	NA	404.55	0.00	404.55
	07/20/04	430.97	NA	26.72	NA	404.25	0.00	404.25
	07/28/04	430.97	NA	27.39	NA	403.58	0.00	403.58
	08/03/04	430.97	NA	27.81	NA	403.16	0.00	403.16
	08/11/04	430.97	NA	28.24	NA	402.73	0.00	402.73
	08/17/04	430.97	NA	28.68	NA	402.29	0.00	402.29
	08/26/04	430.97	NA	29.46	NA	401.51	0.00	401.51
	09/03/04	430.97	NA	28.69	NA	402.28	0.00	402.28
	09/21/04	430.97	NA	29.93	NA	401.04	0.00	401.04
	10/18/04	430.97	NA	30.74	NA	400.23	0.00	400.23
	11/16/04	430.97	NA	30.36	NA	400.61	0.00	400.61
HMW-29	01/27/04	429.99	NA	30.64	NA	399.35	0.00	399.35
	02/17/04	429.99	--	--	--	--	--	--
	03/15/04	429.99	NA	30.12	NA	399.87	0.00	399.87
	04/21/04	429.99	NA	28.70	NA	401.29	0.00	401.29
	05/27/04	429.99	NA	28.34	NA	401.65	0.00	401.65
	06/03/04	429.99	NA	27.93	NA	402.06	0.00	402.06
	06/10/04	429.99	NA	26.75	NA	403.24	0.00	403.24
	06/17/04	429.99	NA	26.22	NA	403.77	0.00	403.77
	06/23/04	429.99	NA	25.46	NA	404.53	0.00	404.53

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-29	06/30/04	429.99	NA	24.88	NA	405.11	0.00	405.11
	07/08/04	429.99	NA	25.15	NA	404.84	0.00	404.84
	07/14/04	429.99	NA	25.54	NA	404.45	0.00	404.45
	07/20/04	429.99	NA	25.73	NA	404.26	0.00	404.26
	07/28/04	429.99	NA	26.25	NA	403.74	0.00	403.74
	08/03/04	429.99	NA	26.54	NA	403.45	0.00	403.45
	08/11/04	429.99	NA	26.93	NA	403.06	0.00	403.06
	08/17/04	429.99	NA	27.11	NA	402.88	0.00	402.88
	08/26/04	429.99	NA	27.83	NA	402.16	0.00	402.16
	09/03/04	429.99	NA	27.61	NA	402.38	0.00	402.38
	09/21/04	429.99	NA	28.30	NA	401.69	0.00	401.69
	10/18/04	429.99	NA	28.97	NA	401.02	0.00	401.02
	11/16/04	429.99	NA	29.13	NA	400.86	0.00	400.86
HMW-30[4]	04/20/04	430.07	NA	31.29	NA	398.78	0.00	398.78
	05/20/04	430.07	NA	31.54	NA	398.53	0.00	398.53
	05/20/04	430.07	NA	31.55	NA	398.52	0.00	398.52
	05/21/04	430.07	NA	31.48	NA	398.59	0.00	398.59
	05/21/04	430.07	NA	31.39	NA	398.68	0.00	398.68
	05/24/04	430.07	NA	31.08	NA	398.99	0.00	398.99
	05/24/04	430.07	NA	30.92	NA	399.15	0.00	399.15
	05/25/04	430.07	NA	30.93	NA	399.14	0.00	399.14
	05/25/04	430.07	NA	30.86	NA	399.21	0.00	399.21
	05/26/04	430.07	NA	30.76	NA	399.31	0.00	399.31
	05/26/04	430.07	NA	30.63	NA	399.44	0.00	399.44
	05/27/04	430.07	NA	30.39	NA	399.68	0.00	399.68
	05/27/04	430.07	NA	30.21	NA	399.86	0.00	399.86
	05/28/04	430.07	NA	30.10	NA	399.97	0.00	399.97
	06/01/03	430.07	NA	28.87	NA	401.20	0.00	401.20
	06/02/04	430.07	NA	28.93	NA	401.14	0.00	401.14
	06/02/04	430.07	NA	28.89	NA	401.18	0.00	401.18
	06/03/04	430.07	NA	28.84	NA	401.23	0.00	401.23
	06/03/04	430.07	NA	28.67	NA	401.40	0.00	401.40
	06/04/04	430.07	NA	28.47	NA	401.60	0.00	401.60
	06/10/04	430.07	NA	27.72	NA	402.35	0.00	402.35
	06/17/04	430.07	NA	27.52	NA	402.55	0.00	402.55
	06/23/04	430.07	NA	27.87	NA	402.20	0.00	402.20
	06/30/04	430.07	NA	26.76	NA	403.31	0.00	403.31
	07/08/04	430.07	NA	27.95	NA	402.12	0.00	402.12
	07/14/04	430.07	NA	28.38	NA	401.69	0.00	401.69
	07/20/04	430.07	NA	28.63	NA	401.44	0.00	401.44
	07/28/04	430.07	NA	29.35	NA	400.72	0.00	400.72

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-30[4]	08/03/04	430.07	NA	29.56	NA	400.51	0.00	400.51
	08/11/04	430.07	NA	29.92	NA	400.15	0.00	400.15
	08/19/04	430.07	NA	30.80	NA	399.27	0.00	399.27
	08/27/04	430.07	30.92	30.98	399.15	399.09	0.06	399.14
	09/02/04	430.07	29.66	29.67	400.41	400.40	0.01	400.41
	09/21/04	430.07	31.48	31.55	398.59	398.52	0.07	398.57
	10/21/04	430.07	32.17	32.45	397.90	397.62	0.28	397.84
	11/17/04	430.07	31.61	31.70	398.46	398.37	0.09	398.44
HMW-31[4]	04/20/04	430.09	NA	31.27	NA	398.82	0.00	398.82
	05/20/04	430.09	NA	31.63	NA	398.46	0.00	398.46
	05/20/04	430.09	NA	31.57	NA	398.52	0.00	398.52
	05/21/04	430.09	NA	31.51	NA	398.58	0.00	398.58
	05/21/04	430.09	NA	31.42	NA	398.67	0.00	398.67
	05/24/04	430.09	NA	31.10	NA	398.99	0.00	398.99
	05/24/04	430.09	NA	30.95	NA	399.14	0.00	399.14
	05/25/04	430.09	NA	30.96	NA	399.13	0.00	399.13
	05/25/04	430.09	NA	30.88	NA	399.21	0.00	399.21
	05/26/04	430.09	NA	30.79	NA	399.30	0.00	399.30
	05/26/04	430.09	NA	30.67	NA	399.42	0.00	399.42
	05/27/04	430.09	NA	30.42	NA	399.67	0.00	399.67
	05/27/04	430.09	NA	30.24	NA	399.85	0.00	399.85
	05/28/04	430.09	NA	30.13	NA	399.96	0.00	399.96
	06/01/04	430.09	NA	28.92	NA	401.17	0.00	401.17
	06/02/04	430.09	NA	28.97	NA	401.12	0.00	401.12
	06/02/04	430.09	NA	28.93	NA	401.16	0.00	401.16
	06/03/04	430.09	NA	28.88	NA	401.21	0.00	401.21
	06/03/04	430.09	NA	28.72	NA	401.37	0.00	401.37
	06/04/04	430.09	NA	28.51	NA	401.58	0.00	401.58
	06/10/04	430.09	NA	27.77	NA	402.32	0.00	402.32
	06/17/04	430.09	NA	27.57	NA	402.52	0.00	402.52
	06/23/04	430.09	NA	26.92	NA	403.17	0.00	403.17
	06/30/04	430.09	NA	26.86	NA	403.23	0.00	403.23
	07/08/04	430.09	NA	27.98	NA	402.11	0.00	402.11
	07/14/04	430.09	NA	28.41	NA	401.68	0.00	401.68
	07/20/04	430.09	NA	28.66	NA	401.43	0.00	401.43
	07/28/04	430.09	NA	29.38	NA	400.71	0.00	400.71
	08/03/04	430.09	NA	29.58	NA	400.51	0.00	400.51
	08/11/04	430.09	NA	29.94	NA	400.15	0.00	400.15
	08/19/04	430.09	NA	30.83	NA	399.26	0.00	399.26
	08/27/04	430.09	NA	30.95	NA	399.14	0.00	399.14
	09/02/04	430.09	NA	29.70	NA	400.39	0.00	400.39

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-31[4]	09/21/04	430.09	NA	31.53	NA	398.56	0.00	398.56
	10/21/04	430.09	NA	32.27	NA	397.82	0.00	397.82
	11/17/04	430.09	NA	31.66	NA	398.43	0.00	398.43
HMW-32[4]	04/20/04	430.01	NA	31.11	NA	398.90	0.00	398.90
	05/20/04	430.01	NA	31.29	NA	398.72	0.00	398.72
	05/20/04	430.01	NA	31.30	NA	398.71	0.00	398.71
	05/20/04	430.01	NA	31.25	NA	398.76	0.00	398.76
	05/20/04	430.01	NA	31.24	NA	398.77	0.00	398.77
	05/20/04	430.01	NA	31.25	NA	398.76	0.00	398.76
	05/21/04	430.01	NA	31.19	NA	398.82	0.00	398.82
	05/21/04	430.01	NA	31.16	NA	398.85	0.00	398.85
	05/21/04	430.01	NA	31.15	NA	398.86	0.00	398.86
	05/21/04	430.01	NA	31.14	NA	398.87	0.00	398.87
	05/21/04	430.01	NA	31.10	NA	398.91	0.00	398.91
	05/24/04	430.01	NA	30.88	NA	399.13	0.00	399.13
	05/24/04	430.01	NA	30.79	NA	399.22	0.00	399.22
	05/24/04	430.01	NA	30.75	NA	399.26	0.00	399.26
	05/24/04	430.01	NA	30.72	NA	399.29	0.00	399.29
	05/25/04	430.01	NA	30.73	NA	399.28	0.00	399.28
	05/25/04	430.01	NA	30.73	NA	399.28	0.00	399.28
	05/25/04	430.01	NA	30.72	NA	399.29	0.00	399.29
	05/25/04	430.01	NA	30.70	NA	399.31	0.00	399.31
	05/26/04	430.01	NA	30.57	NA	399.44	0.00	399.44
	05/26/04	430.01	NA	30.44	NA	399.57	0.00	399.57
	05/27/04	430.01	NA	29.70	NA	400.31	0.00	400.31
	05/27/04	430.01	NA	29.65	NA	400.36	0.00	400.36
	05/27/04	430.01	NA	29.47	NA	400.54	0.00	400.54
	05/28/04	430.01	NA	29.49	NA	400.52	0.00	400.52
	05/28/04	430.01	NA	29.43	NA	400.58	0.00	400.58
	06/01/04	430.01	NA	27.98	NA	402.03	0.00	402.03
	06/01/04	430.01	27.99	28.00	402.02	402.01	0.01	402.02
	06/02/04	430.01	28.07	28.09	401.94	401.92	0.02	401.94
	06/02/04	430.01	28.09	28.12	401.92	401.89	0.03	401.91
	06/02/04	430.01	28.11	28.12	401.90	401.89	0.01	401.90
	06/03/04	430.01	NA	28.09	NA	401.92	0.00	401.92
	06/03/04	430.01	NA	28.05	NA	401.96	0.00	401.96
	06/03/04	430.01	NA	27.89	NA	402.12	0.00	402.12
	06/04/04	430.01	NA	27.68	NA	402.33	0.00	402.33
	06/04/04	430.01	NA	27.66	NA	402.35	0.00	402.35
	06/10/04	430.01	NA	26.82	NA	403.19	0.00	403.19
	06/17/04	430.01	NA	25.73	NA	404.28	0.00	404.28

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-32[4]	06/23/04	430.01	NA	25.09	NA	404.92	0.00	404.92
	06/30/04	430.01	NA	25.10	NA	404.91	0.00	404.91
	07/08/04	430.01	NA	26.06	NA	403.95	0.00	403.95
	07/14/04	430.01	NA	27.38	NA	402.63	0.00	402.63
	07/20/04	430.01	NA	27.50	NA	402.51	0.00	402.51
	07/28/04	430.01	NA	28.39	NA	401.62	0.00	401.62
	08/03/04	430.01	NA	29.55	NA	400.46	0.00	400.46
	08/11/04	430.01	NA	29.09	NA	400.92	0.00	400.92
	08/19/04	430.01	NA	30.10	NA	399.91	0.00	399.91
	08/27/04	430.01	NA	30.26	NA	399.75	0.00	399.75
	09/02/04	430.01	NA	28.91	NA	401.10	0.00	401.10
	09/21/04	430.01	NA	30.95	NA	399.06	0.00	399.06
	10/21/04	430.01	NA	32.98	NA	397.03	0.00	397.03
	11/17/04	430.01	NA	31.40	NA	398.61	0.00	398.61
HMW-33[4]	04/20/04	430.13	NA	31.27	NA	398.86	0.00	398.86
	05/20/04	430.13	31.40	32.60	398.73	397.53	1.20	398.45
	05/20/04	430.13	31.36	32.52	398.77	397.61	1.16	398.50
	05/20/04	430.13	31.31	32.48	398.82	397.65	1.17	398.55
	05/20/04	430.13	31.32	32.50	398.81	397.63	1.18	398.54
	05/21/04	430.13	31.27	32.41	398.86	397.72	1.14	398.60
	05/21/04	430.13	31.25	32.36	398.88	397.77	1.11	398.62
	05/21/04	430.13	31.24	32.35	398.89	397.78	1.11	398.63
	05/21/04	430.13	31.23	32.35	398.90	397.78	1.12	398.64
	05/21/04	430.13	31.21	32.23	398.92	397.90	1.02	398.69
	05/24/04	430.13	30.81	32.23	399.32	397.90	1.42	398.99
	05/24/04	430.13	30.72	32.16	399.41	397.97	1.44	399.08
	05/24/04	430.13	30.64	32.11	399.49	398.02	1.47	399.15
	05/25/04	430.13	30.62	32.25	399.51	397.88	1.63	399.14
	05/25/04	430.13	30.62	32.24	399.51	397.89	1.62	399.14
	05/25/04	430.13	30.62	32.23	399.51	397.90	1.61	399.14
	05/25/04	430.13	30.60	32.23	399.53	397.90	1.63	399.16
	05/26/04	430.13	30.47	32.18	399.66	397.95	1.71	399.27
	05/26/04	430.13	30.31	32.09	399.82	398.04	1.78	399.41
	05/27/04	430.13	30.02	31.99	400.11	398.14	1.97	399.66
	05/27/04	430.13	29.99	31.97	400.14	398.16	1.98	399.68
	05/27/04	430.13	29.79	31.97	400.34	398.16	2.18	399.84
	05/28/04	430.13	29.65	31.94	400.48	398.19	2.29	399.95
	06/01/04	430.13	28.65	31.98	401.48	398.15	3.33	400.71
	06/01/04	430.13	28.05	32.10	402.08	398.03	4.05	401.15
	06/02/04	430.13	28.12	32.13	402.01	398.00	4.01	401.09
	06/02/04	430.13	28.13	32.16	402.00	397.97	4.03	401.07

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-33[4]	06/02/04	430.13	28.11	31.97	402.02	398.16	3.86	401.13
	06/03/04	430.13	28.05	31.94	402.08	398.19	3.89	401.19
	06/03/04	430.13	28.27	30.44	401.86	399.69	2.17	401.36
	06/04/04	430.13	27.73	31.45	402.40	398.68	3.72	401.54
	06/04/04	430.13	27.67	31.46	402.46	398.67	3.79	401.59
	06/10/04	430.13	26.57	32.24	403.56	397.89	5.67	402.26
	06/17/04	430.13	26.26	32.30	403.87	397.83	6.04	402.48
	06/23/04	430.13	25.42	32.40	404.71	397.73	6.98	403.10
	06/30/04	430.13	25.24	32.49	404.89	397.64	7.25	403.22
	07/08/04	430.13	26.61	29.11	403.52	401.02	2.50	402.95
	07/14/04	430.13	28.49	28.79	401.64	401.34	0.30	401.57
	07/20/04	430.13	28.47	28.94	401.66	401.19	0.47	401.55
	07/28/04	430.13	29.18	30.09	400.95	400.04	0.91	400.74
	08/03/04	430.13	28.81	32.19	401.32	397.94	3.38	400.54
	08/11/04	430.13	29.15	32.88	400.98	397.25	3.73	400.12
	08/19/04	430.13	30.18	33.09	399.95	397.04	2.91	399.28
	08/27/04	430.13	30.59	32.35	399.54	397.78	1.76	399.14
	09/02/04	430.13	29.65	30.18	400.48	399.95	0.53	400.36
	09/21/04	430.13	31.25	32.52	398.88	397.61	1.27	398.59
	10/21/04	430.13	31.92	33.54	398.21	396.59	1.62	397.84
	11/17/04	430.13	31.60	32.25	398.53	397.88	0.65	398.38
HMW-34	06/18/04	--	26.18	29.69	--	--	3.51	--
	06/23/04	--	25.37	30.24	--	--	4.87	--
	06/30/04	--	25.18	30.18	--	--	5.00	--
	07/09/04	--	26.40	30.45	--	--	4.05	--
	07/14/04	--	28.82	30.77	--	--	1.95	--
	07/20/04	--	27.14	30.82	--	--	3.68	--
	07/28/04	--	28.02	30.71	--	--	2.69	--
	08/03/04	--	28.26	30.83	--	--	2.57	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	29.92	31.40	--	--	1.48	--
	09/02/04	--	28.78	30.48	--	--	1.70	--
	09/20/04	429.83	30.27	31.68	399.56	398.15	1.41	399.24
	10/21/04	429.83	31.17	32.56	398.66	397.27	1.39	398.34
	11/17/04	429.83	30.79	31.75	399.04	398.08	0.96	398.82
HMW-35	06/18/04	--	NA	27.07	--	--	0.00	--
	06/23/04	--	NA	26.58	--	--	0.00	--
	06/30/04	--	NA	26.42	--	--	0.00	--
	07/09/04	--	NA	27.42	--	--	0.00	--
	07/14/04	--	NA	27.78	--	--	0.00	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-35	07/20/04	--	NA	28.03	--	--	0.00	--
	07/28/04	--	NA	28.68	--	--	0.00	--
	08/03/04	--	NA	28.89	--	--	0.00	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	30.26	30.27	--	--	0.01	--
	09/02/04	--	NA	29.28	--	--	0.00	--
	09/20/04	429.81	30.59	30.60	399.22	399.21	0.01	399.22
	10/21/04	429.81	NA	31.50	NA	398.31	0.00	398.31
	11/17/04	429.81	NA	30.97	NA	398.84	0.00	398.84
HMW-36	06/18/04	--	27.18	27.20	--	--	0.02	--
	06/23/04	--	NA	26.69	--	--	0.00	--
	06/30/04	--	26.10	27.82	--	--	1.72	--
	07/09/04	--	26.26	31.47	--	--	5.21	--
	07/14/04	--	26.60	31.71	--	--	5.11	--
	07/20/04	--	26.95	31.71	--	--	4.76	--
	07/28/04	--	27.80	31.65	--	--	3.85	--
	08/03/04	--	28.12	31.61	--	--	3.49	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	29.79	32.05	--	--	2.26	--
	09/03/04	--	28.99	30.20	--	--	1.21	--
	09/20/04	429.91	30.35	31.77	399.56	398.14	1.42	399.23
	10/21/04	429.91	31.06	32.88	398.85	397.03	1.82	398.43
	11/17/04	429.91	30.88	31.64	399.03	398.27	0.76	398.86
HMW-37	06/18/04	--	26.86	26.90	--	--	0.04	--
	06/23/04	--	26.35	26.42	--	--	0.07	--
	06/30/04	--	26.03	26.74	--	--	0.71	--
	07/09/04	--	26.89	28.26	--	--	1.37	--
	07/14/04	--	27.13	28.78	--	--	1.65	--
	07/20/04	--	27.33	28.58	--	--	1.25	--
	07/28/04	--	27.86	30.13	--	--	2.27	--
	08/03/04	--	28.06	30.41	--	--	2.35	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	29.50	31.52	--	--	2.02	--
	09/03/04	--	28.43	30.50	--	--	2.07	--
	09/20/04	429.61	29.88	31.72	399.73	397.89	1.84	399.31
	10/21/04	429.61	30.87	32.45	398.74	397.16	1.58	398.38
	11/17/04	429.61	30.29	31.96	399.32	397.65	1.67	398.94

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-38 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.06	NA	DRY	--	--	0.00	--
	10/19/04	430.06	NA	DRY	--	--	0.00	--
	11/16/04	430.06	NA	DRY	--	--	0.00	--
HMW-38 B	09/01/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.24	NA	25.19	NA	405.05	0.00	405.05
	10/19/04	430.24	NA	25.19	NA	405.05	0.00	405.05
	11/16/04	430.24	NA	25.18	NA	405.06	0.00	405.06
HMW-38 C	08/27/04	--	NA	31.65	--	--	0.00	--
	09/01/04	--	NA	29.68	--	--	0.00	--
	09/20/04	430.01	NA	32.37	NA	397.64	0.00	397.64
	10/19/04	430.01	NA	33.07	NA	396.94	0.00	396.94
	11/16/04	430.01	NA	32.34	NA	397.67	0.00	397.67
HMW-39 A	09/01/04	--	NA	DRY	--	--	0.00	--
	09/21/04	426.46	NA	DRY	NA	--	0.00	--
	10/18/04	426.46	NA	DRY	NA	--	0.00	--
	11/16/04	426.46	NA	20.23	NA	406.23	0.00	406.23
HMW-39 B	09/02/04	--	--	--	--	--	--	--
	09/21/04	426.50	NA	23.80	NA	402.70	0.00	402.70
	10/18/04	426.50	NA	23.09	NA	403.41	0.00	403.41
	11/16/04	426.50	NA	22.30	NA	404.20	0.00	404.20
HMW-39 C	09/01/04	--	NA	25.74	--	--	0.00	--
	09/21/04	426.46	NA	28.50	NA	397.96	0.00	397.96
	10/18/04	426.46	NA	29.25	NA	397.21	0.00	397.21
	11/16/04	426.46	NA	28.15	NA	398.31	0.00	398.31
HMW-40 A	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	425.01	NA	DRY	NA	--	0.00	--
	10/19/04	425.01	NA	DRY	NA	--	0.00	--
	11/16/04	425.01	NA	DRY	NA	--	0.00	--
HMW-40 B	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	424.86	NA	24.29	NA	400.57	0.00	400.57
	10/19/04	424.86	NA	24.29	NA	400.57	0.00	400.57
	11/16/04	424.86	NA	24.29	NA	400.57	0.00	400.57
HMW-40 C	09/01/04	--	NA	23.85	--	--	0.00	--
	09/21/04	424.75	NA	26.31	NA	398.44	0.00	398.44
	10/19/04	424.75	NA	27.06	NA	397.69	0.00	397.69
	11/16/04	424.75	NA	26.36	NA	398.39	0.00	398.39
HMW-41 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	425.42	NA	DRY	--	--	--	--
	10/19/04	425.42	NA	DRY	--	--	0.00	--
	11/16/04	425.42	NA	DRY	--	--	0.00	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-41 B	09/01/04	--	NA	24.14	--	--	0.00	--
	09/21/04	425.91	NA	25.41	NA	400.50	0.00	400.50
	10/19/04	425.91	NA	26.45	NA	399.46	0.00	399.46
	11/16/04	425.91	NA	26.01	NA	399.90	0.00	399.90
HMW-41 C	09/01/04	--	NA	24.63	--	--	0.00	--
	09/21/04	426.75	NA	26.03	NA	400.72	0.00	400.72
	10/19/04	426.75	NA	26.95	NA	399.80	0.00	399.80
	11/16/04	426.75	NA	26.39	NA	400.36	0.00	400.36
HMW-42 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	431.39	NA	DRY	NA	--	0.00	--
	10/19/04	431.39	NA	DRY	NA	--	0.00	--
	11/16/04	431.39	NA	DRY	NA	--	0.00	--
HMW-42 B	09/01/04	--	NA	29.93	--	--	0.00	--
	09/21/04	431.46	NA	30.66	NA	400.80	0.00	400.80
	10/19/04	431.46	NA	31.64	NA	399.82	0.00	399.82
	11/16/04	431.46	NA	31.40	NA	400.06	0.00	400.06
HMW-43 A	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	428.73	NA	17.36	NA	411.37	0.00	411.37
	10/19/04	428.73	NA	17.38	NA	411.35	0.00	411.35
	11/16/04	428.73	NA	17.39	NA	411.34	0.00	411.34
HMW-43 B	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	428.94	NA	22.33	NA	406.61	0.00	406.61
	10/19/04	428.94	NA	DRY	--	--	0.00	--
	11/16/04	428.94	NA	22.35	NA	406.59	0.00	406.59
HMW-43 C	09/01/04	--	NA	27.64	--	--	0.00	--
	09/21/04	428.80	NA	28.64	--	400.16	0.00	400.16
	10/19/04	428.80	NA	29.56	--	399.24	0.00	399.24
	11/16/04	428.80	NA	29.11	NA	399.69	0.00	399.69
HMW-44 A	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.50	NA	DRY	--	--	0.00	--
	10/20/04	429.50	NA	16.07	--	413.43	0.00	413.43
	11/16/04	429.50	NA	DRY	--	--	0.00	--
HMW-44 B	08/30/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.46	NA	DRY	--	--	0.00	--
	10/20/04	429.46	NA	DRY	--	--	0.00	--
	11/16/04	429.46	NA	DRY	--	--	0.00	--
HMW-44 C	09/01/04	--	27.71	31.25	--	--	3.54	--
	09/21/04	429.44	29.04	31.74	400.40	397.70	2.70	399.78
	10/20/04	429.44	29.99	32.14	399.45	397.30	2.15	398.96
	11/16/04	429.44	29.48	31.71	399.96	397.73	2.23	399.45

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-45 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/20/04	431.17	NA	DRY	--	--	0.00	--
	10/19/04	431.17	NA	DRY	--	--	0.00	--
	11/16/04	431.17	NA	DRY	--	--	0.00	--
HMW-45 B	09/01/04	--	NA	DRY	--	--	0.00	--
	09/20/04	431.22	NA	27.23	NA	403.99	0.00	403.99
	10/19/04	431.22	NA	27.35	NA	403.87	0.00	403.87
	11/16/04	431.22	NA	27.49	NA	403.73	0.00	403.73
HMW-45 C	09/01/04	--	NA	30.03	--	--	0.00	--
	09/20/04	430.87	32.77	32.80	398.10	398.07	0.03	398.09
	10/19/04	430.87	NA	33.53	NA	397.34	0.00	397.34
	11/16/04	430.87	NA	32.81	NA	398.06	0.00	398.06
HWM-46 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.51	NA	DRY	NA	--	0.00	--
	10/19/04	430.51	NA	DRY	NA	--	0.00	--
	11/16/04	430.51	NA	DRY	NA	--	0.00	--
HMW-46 B	09/01/00	--	NA	DRY	--	--	0.00	--
	09/20/04	430.61	NA	24.38	NA	406.23	0.00	406.23
	10/19/04	430.61	NA	24.26	NA	406.35	0.00	406.35
	11/16/04	430.61	NA	24.41	NA	406.20	0.00	406.20
HMW-46 C	09/01/00	--	NA	30.16	--	--	0.00	--
	09/20/04	430.49	31.65	32.88	398.84	397.61	1.23	398.56
	10/19/04	430.49	33.39	33.47	397.10	397.02	0.08	397.08
	11/16/04	430.49	NA	32.69	NA	397.80	0.00	397.80
HMW-47 A	09/01/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.50	NA	19.29	NA	411.21	0.00	411.21
	10/19/04	430.50	NA	19.30	NA	411.20	0.00	411.20
	11/16/04	430.50	NA	19.30	NA	411.20	0.00	411.20
HMW-47 B	09/01/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.13	NA	21.51	NA	408.62	0.00	408.62
	10/19/04	430.13	NA	21.21	NA	408.92	0.00	408.92
	11/16/04	430.13	NA	20.91	NA	409.22	0.00	409.22
HMW-47 C	09/01/04	--	--	--	--	--	--	--
	09/20/04	430.61	NA	32.60	NA	398.01	0.00	398.01
	10/19/04	430.61	33.35	33.37	397.26	397.24	0.02	397.26
	11/16/04	430.61	NA	32.65	NA	397.96	0.00	397.96
HMW-48 A	09/02/04	--	NA	12.40	--	--	0.00	--
	09/20/04	429.16	NA	13.84	NA	415.32	0.00	415.32
	10/19/04	429.16	NA	13.87	NA	415.29	0.00	415.29
	11/16/04	429.16	NA	13.87	NA	415.29	0.00	415.29

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-48 B	09/02/04	--	--	--	--	--	--	--
	09/20/04	429.18	14.68	14.77	414.50	414.41	0.09	414.48
	10/19/04	429.18	18.09	18.11	411.09	411.07	0.02	411.09
	**11/16/04	429.18	16.43	16.44	412.75	412.74	0.01	412.75
HMW-48 C	09/01/04	--	--	--	--	--	--	--
	09/20/04	429.10	27.54	31.36	401.56	397.74	3.82	400.68
	**10/19/04	429.10	28.57	32.87	400.53	396.23	4.30	399.54
	11/16/04	429.10	27.68	31.93	401.42	397.17	4.25	400.44
HMW-48 D	09/01/04	--	--	--	--	--	--	--
	09/20/04	428.98	NA	30.53	NA	398.45	0.00	398.45
	10/19/04	428.98	NA	31.29	NA	397.69	0.00	397.69
	11/16/04	428.98	NA	30.67	NA	398.31	0.00	398.31
HMW-49 A	08/30/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.21	NA	12.95	NA	417.26	0.00	417.26
	10/19/04	430.21	NA	12.57	NA	417.64	0.00	417.64
	11/16/04	430.21	NA	12.81	NA	417.40	0.00	417.40
HMW-49 B	09/02/04	--	--	--	--	--	--	--
	09/20/04	430.23	NA	23.35	NA	406.88	0.00	406.88
	10/19/04	430.23	NA	23.35	NA	406.88	0.00	406.88
	11/16/04	430.23	NA	22.92	NA	407.31	0.00	407.31
HMW-49 C	09/01/00	--	NA	30.81	--	--	0.00	--
	09/20/04	430.21	NA	31.21	NA	399.00	0.00	399.00
	10/19/04	430.21	NA	31.86	NA	398.35	0.00	398.35
	11/16/04	430.21	NA	30.91	NA	399.30	0.00	399.30
HMW-49 D	09/01/04	--	--	--	--	--	--	--
	09/20/04	430.33	NA	32.73	NA	397.60	0.00	397.60
	10/19/04	430.33	NA	33.41	NA	396.92	0.00	396.92
	11/16/04	430.33	NA	32.72	NA	397.61	0.00	397.61
HMW-50 A	09/02/04	--	--	--	--	--	--	--
	09/22/04	434.41	NA	17.45	NA	416.96	0.00	416.96
	10/19/04	434.41	NA	18.34	NA	416.07	0.00	416.07
	11/16/04	434.41	NA	15.77	NA	418.64	0.00	418.64
HMW-50 B	09/02/04	--	--	--	--	--	--	--
	09/22/04	434.15	NA	31.66	NA	402.49	0.00	402.49
	10/19/04	434.15	NA	32.58	NA	401.57	0.00	401.57
	11/16/04	434.15	NA	31.64	NA	402.51	0.00	402.51
HMW-50 C	09/01/00	--	NA	33.84	--	--	0.00	--
	09/22/04	434.29	NA	35.31	NA	398.98	0.00	398.98
	10/19/04	434.29	NA	35.98	NA	398.31	0.00	398.31
	11/16/04	434.29	NA	35.48	NA	398.81	0.00	398.81

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
HMW-51 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	425.46	NA	DRY	NA	--	0.00	--
	10/19/04	425.46	NA	DRY	NA	--	0.00	--
	11/16/04	425.46	NA	DRY	NA	--	0.00	--
HMW-51 B	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	425.51	NA	24.72	NA	400.79	0.00	400.79
	10/19/04	425.51	NA	24.74	NA	400.77	0.00	400.77
	11/16/04	425.51	NA	24.79	NA	400.72	0.00	400.72
HMW-51 C	09/01/00	--	NA	24.36	--	--	0.00	--
	09/21/04	425.42	NA	26.53	NA	398.89	0.00	398.89
	10/19/04	425.42	NA	27.34	NA	398.08	0.00	398.08
	11/16/04	425.42	NA	26.66	NA	398.76	0.00	398.76
HMW-52 A	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	427.80	NA	20.07	NA	407.73	0.00	407.73
	10/19/04	427.80	NA	20.07	NA	407.73	0.00	407.73
	11/16/04	427.80	NA	20.07	NA	407.73	0.00	407.73
HMW-52 B	08/31/04	--	NA	DRY	--	--	0.00	--
	09/21/04	427.81	NA	26.66	NA	401.15	0.00	401.15
	10/19/04	427.81	NA	26.68	NA	401.13	0.00	401.13
	11/16/04	427.81	NA	26.67	NA	401.14	0.00	401.14
HMW-52 C	09/01/00	--	--	--	--	--	--	--
	09/21/04	427.83	NA	27.24	NA	400.59	0.00	400.59
	**10/19/04	427.83	NA	26.48	NA	401.35	0.00	401.35
	11/16/04	427.83	NA	28.04	NA	399.79	0.00	399.79
RW-1	01/27/04	433.78	NA	36.18	NA	397.60	0.00	397.60
	02/17/04	433.78	--	--	--	--	--	--
	03/15/04	433.78	NA	34.72	NA	399.06	0.00	399.06
	04/21/04	433.78	NA	33.93	NA	399.85	0.00	399.85
	05/27/04	433.78	NA	33.14	NA	400.64	0.00	400.64
	06/03/04	433.78	NA	31.73	NA	402.05	0.00	402.05
	06/10/04	433.78	NA	30.56	NA	403.22	0.00	403.22
	06/17/04	433.78	--	--	--	--	--	--
	06/23/04	433.78	--	--	--	--	--	--
	06/24/04	433.78	NA	29.41	NA	404.37	0.00	404.37
	06/30/04	433.78	NA	29.30	NA	404.48	0.00	404.48
	07/09/04	433.78	NA	30.38	NA	403.40	0.00	403.40
	07/14/04	433.78	NA	30.75	NA	403.03	0.00	403.03
	07/20/04	433.78	NA	31.07	NA	402.71	0.00	402.71
	07/28/04	433.78	NA	31.80	NA	401.98	0.00	401.98
	08/03/04	433.78	NA	32.15	NA	401.63	0.00	401.63
	08/11/04	433.78	NA	32.49	NA	401.29	0.00	401.29

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RW-1	08/19/04	433.78	NA	33.24	NA	400.54	0.00	400.54
	08/27/04	433.78	NA	33.68	NA	400.10	0.00	400.10
	09/02/04	433.78	NA	32.60	NA	401.18	0.00	401.18
	09/21/04	433.78	NA	34.16	NA	399.62	0.00	399.62
	10/20/04	433.78	--	--	--	--	--	--
	11/17/04	433.78	NA	34.45	NA	399.33	0.00	399.33
RW-2	01/27/04	431.99	34.39	35.95	397.60	396.04	1.56	397.24
	02/03/04	431.99	34.60	36.35	397.39	395.64	1.75	396.99
	02/16/04	431.99	34.91	37.00	397.08	394.99	2.09	396.60
	02/17/04	431.99	35.12	36.61	396.87	395.38	1.49	396.53
	02/18/04	431.99	35.07	36.59	396.92	395.40	1.52	396.57
	02/19/04	431.99	34.97	36.33	397.02	395.66	1.36	396.71
	02/23/04	431.99	35.16	36.32	396.83	395.67	1.16	396.56
	02/24/04	431.99	35.21	36.22	396.78	395.77	1.01	396.55
	02/27/04	431.99	34.90	36.31	397.09	395.68	1.41	396.77
	03/01/04	431.99	34.80	35.58	397.19	396.41	0.78	397.01
	03/02/04	431.99	35.21	35.44	396.78	396.55	0.23	396.73
	03/03/04	431.99	35.14	35.37	396.85	396.62	0.23	396.80
	03/04/04	431.99	34.60	35.50	397.39	396.49	0.90	397.18
	03/05/04	431.99	34.79	35.17	397.20	396.82	0.38	397.11
	03/08/04	431.99	34.40	34.61	397.59	397.38	0.21	397.54
	03/09/04	431.99	34.24	34.61	397.75	397.38	0.37	397.66
	03/11/04	431.99	33.77	34.02	398.22	397.97	0.25	398.16
	03/15/04	431.99	33.37	33.50	398.62	398.49	0.13	398.59
	03/16/04	431.99	33.27	33.41	398.72	398.58	0.14	398.69
	03/17/04	431.99	33.21	33.58	398.78	398.41	0.37	398.69
	03/18/04	431.99	33.31	33.35	398.68	398.64	0.04	398.67
	03/19/04	431.99	33.40	33.61	398.59	398.38	0.21	398.54
	03/23/04	431.99	33.25	33.27	398.74	398.72	0.02	398.74
	03/24/04	431.99	33.28	33.32	398.71	398.67	0.04	398.70
	03/30/04	431.99	32.89	33.29	399.10	398.70	0.40	399.01
	03/31/04	431.99	32.89	33.14	399.10	398.85	0.25	399.04
	04/01/04	431.99	32.67	33.24	399.32	398.75	0.57	399.19
	04/20/04	431.99	32.28	33.68	399.71	398.31	1.40	399.39
	05/27/04	431.99	31.80	32.79	400.19	399.20	0.99	399.96
	06/03/04	431.99	30.27	32.16	401.72	399.83	1.89	401.29
	06/10/04	431.99	28.90	31.74	403.09	400.25	2.84	402.44
	06/17/04	431.99	28.59	31.94	403.40	400.05	3.35	402.63
	06/23/04	431.99	27.64	32.16	404.35	399.83	4.52	403.31
	06/30/04	431.99	27.45	32.14	404.54	399.85	4.69	403.46
	07/09/04	431.99	28.60	32.80	403.39	399.19	4.20	402.42

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RW-2	07/14/04	431.99	29.06	32.78	402.93	399.21	3.72	402.07
	07/20/04	431.99	29.39	32.74	402.60	399.25	3.35	401.83
	07/28/04	431.99	30.30	32.77	401.69	399.22	2.47	401.12
	08/03/04	431.99	30.53	32.88	401.46	399.11	2.35	400.92
	08/11/04	431.99	30.86	32.90	401.13	399.09	2.04	400.66
	08/19/04	431.99	31.68	33.41	400.31	398.58	1.73	399.91
	08/25/04	431.99	32.04	33.61	399.95	398.38	1.57	399.59
	09/02/04	431.99	31.02	32.35	400.97	399.64	1.33	400.66
	09/20/04	431.99	32.44	33.90	399.55	398.09	1.46	399.21
	10/21/04	431.99	31.89	31.94	400.10	400.05	0.05	400.09
	11/17/04	431.99	33.01	33.46	398.98	398.53	0.45	398.88
RW-3[4]	01/27/04	433.35	36.46	38.30	396.89	395.05	1.84	396.47
	02/03/04	433.35	36.82	38.54	396.53	394.81	1.72	396.13
	02/17/04	433.35	37.16	39.03	396.19	394.32	1.87	395.76
	02/18/04	433.35	37.50	37.71	395.85	395.64	0.21	395.80
	02/19/04	433.35	37.32	37.51	396.03	395.84	0.19	395.99
	02/24/04	433.35	37.31	37.89	396.04	395.46	0.58	395.91
	03/05/04	433.35	36.61	38.11	396.74	395.24	1.50	396.40
	03/08/04	433.35	35.95	36.28	397.40	397.07	0.33	397.32
	03/15/04	433.35	35.06	35.22	398.29	398.13	0.16	398.25
	04/20/04	433.35	34.34	35.48	399.01	397.87	1.14	398.75
	05/19/04	433.35	35.88	35.48	397.47	397.87	-0.40	397.56
	05/20/04	433.35	NA	35.88	NA	397.47	0.00	397.47
	05/20/04	433.88	NA	35.88	NA	398.00	0.00	398.00
	05/20/04	433.88	NA	35.88	NA	398.00	0.00	398.00
	05/20/04	433.88	NA	35.88	NA	398.00	0.00	398.00
	05/21/04	433.35	NA	35.87	NA	397.48	0.00	397.48
	05/21/04	433.35	NA	35.78	NA	397.57	0.00	397.57
	05/21/04	433.35	NA	35.77	NA	397.58	0.00	397.58
	05/24/04	433.35	35.59	35.72	397.76	397.63	0.13	397.73
	05/24/04	433.35	35.34	35.46	398.01	397.89	0.12	397.98
	05/24/04	433.35	35.33	35.38	398.02	397.97	0.05	398.01
	05/24/04	433.35	35.30	35.34	398.05	398.01	0.04	398.04
	05/24/04	433.35	NA	30.31	NA	403.04	0.00	403.04
	05/24/04	433.35	NA	35.30	NA	398.05	0.00	398.05
	05/25/04	433.35	NA	35.30	NA	398.05	0.00	398.05
	05/25/04	433.35	NA	35.30	NA	398.05	0.00	398.05
	05/26/04	433.35	NA	35.28	NA	398.07	0.00	398.07
	05/26/04	433.35	NA	30.22	NA	403.13	0.00	403.13
	05/26/04	433.35	NA	30.17	NA	403.18	0.00	403.18
	05/26/04	433.35	NA	29.79	NA	403.56	0.00	403.56

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RW-3[4]	05/26/04	433.35	NA	31.95	NA	401.40	0.00	401.40
	05/26/04	433.35	NA	31.88	NA	401.47	0.00	401.47
	05/26/04	433.35	NA	30.36	NA	402.99	0.00	402.99
	05/26/04	433.35	NA	29.89	NA	403.46	0.00	403.46
	05/26/04	433.35	NA	29.86	NA	403.49	0.00	403.49
	05/27/04	433.35	NA	29.72	NA	403.63	0.00	403.63
	05/27/04	433.95	NA	34.50	NA	399.45	0.00	399.45
	05/27/04	433.95	NA	34.50	NA	399.45	0.00	399.45
	05/27/04	433.95	NA	34.46	NA	399.49	0.00	399.49
	05/27/04	433.35	NA	35.44	NA	397.91	0.00	397.91
	05/28/04	433.35	NA	34.43	NA	398.92	0.00	398.92
	05/28/04	433.35	NA	34.35	NA	399.00	0.00	399.00
	05/28/04	433.35	NA	34.17	NA	399.18	0.00	399.18
	06/01/04	433.35	NA	32.74	NA	400.61	0.00	400.61
	06/01/04	433.35	NA	32.78	NA	400.57	0.00	400.57
	06/01/04	433.35	NA	32.81	NA	400.54	0.00	400.54
	06/01/04	433.35	NA	32.96	NA	400.39	0.00	400.39
	06/02/04	433.35	NA	32.98	NA	400.37	0.00	400.37
	06/02/04	433.35	NA	33.22	NA	400.13	0.00	400.13
	06/02/04	433.35	NA	32.20	NA	401.15	0.00	401.15
	06/02/04	433.35	NA	33.19	NA	400.16	0.00	400.16
	06/03/04	433.35	NA	32.19	NA	401.16	0.00	401.16
	06/03/04	433.35	NA	33.07	NA	400.28	0.00	400.28
	06/04/04	433.35	NA	32.88	NA	400.47	0.00	400.47
	06/04/04	433.35	NA	32.70	NA	400.65	0.00	400.65
	06/10/04	433.35	32.00	33.01	401.35	400.34	1.01	401.12
	06/17/04	433.35	30.83	30.95	402.52	402.40	0.12	402.49
	06/23/04	433.35	30.18	30.24	403.17	403.11	0.06	403.16
	06/30/04	433.35	30.07	30.14	403.28	403.21	0.07	403.26
	07/08/04	433.35	31.38	31.44	401.97	401.91	0.06	401.96
	07/14/04	433.35	31.69	31.77	401.66	401.58	0.08	401.64
	07/20/04	433.35	31.94	32.03	401.41	401.32	0.09	401.39
	07/28/04	433.35	32.63	32.80	400.72	400.55	0.17	400.68
	08/03/04	433.35	32.86	33.06	400.49	400.29	0.20	400.44
	08/11/04	433.35	33.21	33.47	400.14	399.88	0.26	400.08
	08/19/04	433.35	34.08	34.35	399.27	399.00	0.27	399.21
	08/27/04	433.35	34.20	34.46	399.15	398.89	0.26	399.09
	09/02/04	433.35	32.89	33.35	400.46	400.00	0.46	400.35
	09/21/04	433.35	34.74	35.13	398.61	398.22	0.39	398.52
	10/22/04	433.35	35.39	35.93	397.96	397.42	0.54	397.84
	11/17/04	433.35	34.79	35.49	398.56	397.86	0.70	398.40

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RW-4[4]	01/27/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--
	02/17/04	429.65	--	--	--	--	--	--
	03/15/04	429.65	--	--	--	--	--	--
	04/20/04	429.65	--	--	--	--	--	--
	05/27/04	429.65	NA	29.93	NA	399.72	0.00	399.72
	05/27/04	429.65	NA	29.77	NA	399.88	0.00	399.88
	05/28/04	429.65	NA	29.62	NA	400.03	0.00	400.03
	06/01/04	429.65	NA	28.29	NA	401.36	0.00	401.36
	06/02/04	429.65	NA	28.35	NA	401.30	0.00	401.30
	06/02/04	429.65	NA	28.34	NA	401.31	0.00	401.31
	06/03/04	429.65	NA	28.31	NA	401.34	0.00	401.34
	06/03/04	429.65	NA	28.18	NA	401.47	0.00	401.47
	06/04/04	429.65	NA	27.95	NA	401.70	0.00	401.70
	06/10/04	429.65	NA	27.24	NA	402.41	0.00	402.41
	06/17/04	429.65	NA	27.06	NA	402.59	0.00	402.59
	06/23/04	429.65	NA	26.32	NA	403.33	0.00	403.33
	06/30/04	429.65	NA	26.22	NA	403.43	0.00	403.43
	07/08/04	429.65	NA	27.53	NA	402.12	0.00	402.12
	07/14/04	429.65	NA	27.79	NA	401.86	0.00	401.86
	07/20/04	429.65	NA	28.12	NA	401.53	0.00	401.53
	07/28/04	429.65	NA	28.85	NA	400.80	0.00	400.80
	08/03/04	429.65	NA	29.11	NA	400.54	0.00	400.54
	08/11/04	429.65	NA	29.39	NA	400.26	0.00	400.26
	08/19/04	429.65	30.28	30.29	399.37	399.36	0.01	399.37
	08/25/04	429.65	NA	30.44	NA	399.21	0.00	399.21
	09/02/04	429.65	NA	29.38	NA	400.27	0.00	400.27
	09/21/04	429.65	NA	30.94	NA	398.71	0.00	398.71
	10/21/04	429.65	NA	31.76	NA	397.89	0.00	397.89
	11/17/04	429.65	NA	31.20	NA	398.45	0.00	398.45

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2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RW-4A*	01/27/04	--	--	--	--	--	--	--
	02/17/04	--	--	--	--	--	--	--
	03/15/04	--	--	--	--	--	--	--
	04/20/04	--	--	--	--	--	--	--
	05/27/04	--	--	--	--	--	--	--
	06/23/04	--	NA	27.42	--	--	0.00	--
	06/30/04	--	26.43	26.88	--	--	0.45	--
	07/08/04	--	26.40	32.75	--	--	6.35	--
	07/14/04	--	26.76	32.84	--	--	6.08	--
	07/20/04	--	27.12	32.83	--	--	5.71	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/27/04	--	--	--	--	--	--	--
	09/02/04	--	--	--	--	--	--	--
	09/21/04	--	--	--	--	--	--	--
	10/21/04	--	31.70	33.01	--	--	1.31	--
	11/17/04	--	--	--	--	--	--	--
RW-5	01/27/04	--	--	--	--	--	--	--
	02/17/04	--	--	--	--	--	--	--
	03/15/04	--	--	--	--	--	--	--
	04/20/04	--	--	--	--	--	--	--
	05/27/04	--	--	--	--	--	--	--
	06/18/04	--	26.68	29.72	--	--	3.04	--
	06/23/04	--	26.23	29.16	--	--	2.93	--
	06/30/04	--	26.23	28.90	--	--	2.67	--
	07/09/04	--	26.23	30.15	--	--	3.92	--
	07/14/04	--	26.23	29.30	--	--	3.07	--
	07/20/04	--	26.23	29.08	--	--	2.85	--
	07/28/04	--	26.23	29.99	--	--	3.76	--
	08/03/04	--	26.23	29.53	--	--	3.30	--
	08/11/04	--	26.23	30.00	--	--	3.77	--
	08/19/04	--	30.14	31.00	--	--	0.86	--
	08/25/04	--	30.45	31.41	--	--	0.96	--
	09/02/04	--	--	--	--	--	--	--
	09/21/04	430.22	--	--	--	--	--	--
	10/21/04	430.22	33.30	34.83	396.92	395.39	1.53	396.57
	11/17/04	430.22	31.11	32.07	399.11	398.15	0.96	398.89

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-5S	01/27/04	429.83	NA	9.26	NA	420.57	0.00	420.57
	02/17/04	429.83	--	--	--	--	--	--
	03/15/04	429.83	NA	DRY	--	--	0.00	--
	04/20/04	429.83	NA	DRY	--	--	0.00	--
	05/27/04	429.83	--	--	--	--	--	--
	06/03/04	429.83	--	--	--	--	--	--
	06/10/04	429.83	--	--	--	--	--	--
	06/23/04	429.83	--	--	--	--	--	--
	06/30/04	429.83	--	--	--	--	--	--
	07/08/04	429.83	NA	DRY	--	--	0.00	--
	07/14/04	429.83	--	--	--	--	--	--
	07/20/04	429.83	--	--	--	--	--	--
	07/28/04	429.83	--	--	--	--	--	--
	08/03/04	429.83	--	--	--	--	--	--
	08/11/04	429.83	--	--	--	--	--	--
	08/19/04	429.83	--	--	--	--	--	--
	08/25/04	429.83	--	--	--	--	--	--
	09/02/04	429.83	--	--	--	--	--	--
	10/21/04	429.83	--	--	--	--	--	--
MP-5D	01/27/04	430.09	NA	21.33	NA	408.76	0.00	408.76
	02/17/04	430.09	--	--	--	--	--	--
	03/15/04	430.09	NA	20.63	NA	409.46	0.00	409.46
	04/20/04	430.09	NA	20.38	NA	409.71	0.00	409.71
	05/27/04	430.09	--	--	--	--	--	--
	06/03/04	430.09	--	--	--	--	--	--
	06/10/04	430.09	--	--	--	--	--	--
	06/17/04	430.09	--	--	--	--	--	--
	06/23/04	430.09	--	--	--	--	--	--
	06/30/04	430.09	--	--	--	--	--	--
	07/08/04	430.09	--	--	--	--	--	--
	07/14/04	430.09	--	--	--	--	--	--
	07/20/04	430.09	--	--	--	--	--	--
	07/28/04	430.09	--	--	--	--	--	--
	08/03/04	430.09	--	--	--	--	--	--
	08/11/04	430.09	--	--	--	--	--	--
	08/19/04	430.09	--	--	--	--	--	--
	08/25/04	430.09	--	--	--	--	--	--
	09/02/04	430.09	--	--	--	--	--	--
	10/21/04	430.09	--	--	--	--	--	--

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2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-6S	01/27/04	430.15	NA	DRY	--	--	0.00	--
	02/17/04	430.15	NA	DRY	--	--	0.00	--
	03/15/04	430.15	NA	DRY	--	--	0.00	--
	04/20/04	430.15	NA	DRY	--	--	0.00	--
	05/27/04	430.15	--	--	--	--	--	--
	06/03/04	430.15	--	--	--	--	--	--
	06/10/04	430.15	--	--	--	--	--	--
	06/23/04	430.15	--	--	--	--	--	--
	06/30/04	430.15	--	--	--	--	--	--
	07/08/04	430.15	--	--	--	--	--	--
	07/14/04	430.15	--	--	--	--	--	--
	07/20/04	430.15	--	--	--	--	--	--
	07/28/04	430.15	--	--	--	--	--	--
	08/03/04	430.15	--	--	--	--	--	--
	08/11/04	430.15	--	--	--	--	--	--
	08/19/04	430.15	--	--	--	--	--	--
	08/25/04	430.15	--	--	--	--	--	--
	09/02/04	430.15	--	--	--	--	--	--
	10/21/04	430.15	--	--	--	--	--	--
MP-6D	01/27/04	430.13	NA	21.31	NA	408.82	0.00	408.82
	02/17/04	430.13	--	--	--	--	--	--
	03/15/04	430.13	NA	20.70	NA	409.43	0.00	409.43
	04/20/04	430.13	NA	20.40	NA	409.73	0.00	409.73
	05/27/04	430.13	--	--	--	--	--	--
	06/03/04	430.13	--	--	--	--	--	--
	06/10/04	430.13	--	--	--	--	--	--
	06/17/04	430.13	--	--	--	--	--	--
	06/23/04	430.13	--	--	--	--	--	--
	06/30/04	430.13	--	--	--	--	--	--
	07/08/04	430.13	--	--	--	--	--	--
	07/14/04	430.13	--	--	--	--	--	--
	07/20/04	430.13	--	--	--	--	--	--
	07/28/04	430.13	--	--	--	--	--	--
	08/03/04	430.13	--	--	--	--	--	--
	08/11/04	430.13	--	--	--	--	--	--
	08/19/04	430.13	--	--	--	--	--	--
	08/25/04	430.13	--	--	--	--	--	--
	09/02/04	430.13	--	--	--	--	--	--
	10/21/04	430.13	--	--	--	--	--	--

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Hartford, Illinois

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1190505040 -- Madison County -- ILR 000128249

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-7S	01/27/04	430.17	NA	7.21	NA	422.96	0.00	422.96
	02/17/04	430.17	--	--	--	--	--	--
	03/15/04	430.17	--	NA	DRY	--	--	--
	04/20/04	430.17	NA	5.41	NA	424.76	0.00	424.76
	05/27/04	430.17	--	--	--	--	--	--
	06/03/04	430.17	--	--	--	--	--	--
	06/10/04	430.17	--	--	--	--	--	--
	06/17/04	430.17	--	--	--	--	--	--
	06/23/04	430.17	--	--	--	--	--	--
	06/30/04	430.17	--	--	--	--	--	--
	07/08/04	430.17	--	--	--	--	--	--
	07/14/04	430.17	--	--	--	--	--	--
	07/20/04	430.17	--	--	--	--	--	--
	07/28/04	430.17	--	--	--	--	--	--
	08/03/04	430.17	--	--	--	--	--	--
	08/11/04	430.17	--	--	--	--	--	--
	08/19/04	430.17	--	--	--	--	--	--
	08/25/04	430.17	--	--	--	--	--	--
	09/02/04	430.17	--	--	--	--	--	--
	10/21/04	430.17	--	--	--	--	--	--
MP-7D	01/27/04	430.16	NA	21.38	NA	408.78	0.00	408.78
	02/17/04	430.16	--	--	--	--	--	--
	03/15/04	430.16	NA	20.78	NA	409.38	0.00	409.38
	04/20/04	430.16	NA	20.64	NA	409.52	0.00	409.52
	05/27/04	430.16	--	--	--	--	--	--
	06/03/04	430.16	--	--	--	--	--	--
	06/10/04	430.16	--	--	--	--	--	--
	06/17/04	430.16	--	--	--	--	--	--
	06/23/04	430.16	--	--	--	--	--	--
	06/30/04	430.16	--	--	--	--	--	--
	07/08/04	430.16	--	--	--	--	--	--
	07/14/04	430.16	--	--	--	--	--	--
	07/20/04	430.16	--	--	--	--	--	--
	07/28/04	430.16	--	--	--	--	--	--
	08/03/04	430.16	--	--	--	--	--	--
	08/11/04	430.16	--	--	--	--	--	--
	08/19/04	430.16	--	--	--	--	--	--
	08/25/04	430.16	--	--	--	--	--	--
	09/02/04	430.16	--	--	--	--	--	--
	10/21/04	430.16	--	--	--	--	--	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-8S	01/27/04	430.20	NA	DRY	--	--	0.00	--
	02/17/04	430.20	NA	DRY	--	--	0.00	--
	03/15/04	430.20	NA	DRY	--	--	0.00	--
	04/20/04	430.20	NA	DRY	--	--	0.00	--
	05/27/04	430.20	--	--	--	--	--	--
	06/03/04	430.20	--	--	--	--	--	--
	06/10/04	430.20	--	--	--	--	--	--
	06/17/04	430.20	--	--	--	--	--	--
	06/23/04	430.20	--	--	--	--	--	--
	06/30/04	430.20	--	--	--	--	--	--
	07/08/04	430.20	--	--	--	--	--	--
	07/14/04	430.20	--	--	--	--	--	--
	07/20/04	430.20	--	--	--	--	--	--
	07/28/04	430.20	--	--	--	--	--	--
	08/03/04	430.20	--	--	--	--	--	--
	08/11/04	430.20	--	--	--	--	--	--
	08/19/04	430.20	--	--	--	--	--	--
	08/25/04	430.20	--	--	--	--	--	--
	09/02/04	430.20	--	--	--	--	--	--
	10/21/04	430.20	--	--	--	--	--	--
MP-8D	01/27/04	430.14	--	--	--	--	--	--
	02/17/04	430.14	--	--	--	--	--	--
	03/15/04	430.14	--	--	--	--	--	--
	04/21/04	430.14	21.64	21.73	408.50	408.41	0.09	408.48
	05/27/04	430.14	--	--	--	--	--	--
	06/03/04	430.14	--	--	--	--	--	--
	06/10/04	430.14	--	--	--	--	--	--
	06/17/04	430.14	--	--	--	--	--	--
	06/23/04	430.14	--	--	--	--	--	--
	06/30/04	430.14	--	--	--	--	--	--
	07/08/04	430.14	--	--	--	--	--	--
	07/14/04	430.14	19.63	19.66	410.51	410.48	0.03	410.50
	07/20/04	430.14	--	--	--	--	--	--
	07/28/04	430.14	--	--	--	--	--	--
	08/03/04	430.14	--	--	--	--	--	--
	08/11/04	430.14	--	--	--	--	--	--
	08/19/04	430.14	--	--	--	--	--	--
	08/25/04	430.14	--	--	--	--	--	--
	09/02/04	430.14	--	--	--	--	--	--
	10/21/04	430.14	--	--	--	--	--	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-9S	01/27/04	430.05	NA	8.19	NA	421.86	0.00	421.86
	02/17/04	430.05	--	--	--	--	--	--
	03/15/04	430.05	NA	8.41	NA	421.64	0.00	421.64
	04/20/04	430.05	NA	7.76	NA	422.29	0.00	422.29
	05/27/04	430.05	--	--	--	--	--	--
	06/03/04	430.05	--	--	--	--	--	--
	06/10/04	430.05	--	--	--	--	--	--
	06/17/04	430.05	--	--	--	--	--	--
	06/23/04	430.05	--	--	--	--	--	--
	06/30/04	430.05	--	--	--	--	--	--
	07/08/04	430.05	--	--	--	--	--	--
	07/14/04	430.05	NA	4.32	NA	425.73	0.00	425.73
	07/20/04	430.05	--	--	--	--	--	--
	07/28/04	430.05	--	--	--	--	--	--
	08/03/04	430.05	--	--	--	--	--	--
	08/11/04	430.05	--	--	--	--	--	--
	08/19/04	430.05	--	--	--	--	--	--
	08/25/04	430.05	--	--	--	--	--	--
	09/02/04	430.05	--	--	--	--	--	--
	10/21/04	430.05	NA	5.89	NA	424.16	0.00	424.16
MP-9D	01/27/04	430.00	21.40	21.41	408.60	408.59	0.01	408.60
	02/17/04	430.00	--	--	--	--	--	--
	03/15/04	430.00	20.92	20.93	409.08	409.07	0.01	409.08
	04/21/04	430.00	20.89	20.90	409.11	409.10	0.01	409.11
	05/27/04	430.00	--	--	--	--	--	--
	06/03/04	430.00	--	--	--	--	--	--
	06/10/04	430.00	--	--	--	--	--	--
	06/17/04	430.00	--	--	--	--	--	--
	06/23/04	430.00	--	--	--	--	--	--
	06/30/04	430.00	--	--	--	--	--	--
	07/08/04	430.00	--	--	--	--	--	--
	07/14/04	430.00	18.72	19.92	411.28	410.08	1.20	411.00
	07/20/04	430.00	--	--	--	--	--	--
	07/28/04	430.00	--	--	--	--	--	--
	08/03/04	430.00	--	--	--	--	--	--
	08/11/04	430.00	--	--	--	--	--	--
	08/19/04	430.00	--	--	--	--	--	--
	08/25/04	430.00	--	--	--	--	--	--
	09/02/04	430.00	--	--	--	--	--	--
	10/21/04	430.00	22.02	23.88	407.98	406.12	1.86	407.55

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-10S	01/27/04	430.53	NA	DRY	--	--	0.00	--
	02/17/04	430.53	NA	DRY	--	--	0.00	--
	03/15/04	430.53	NA	DRY	--	--	0.00	--
	04/21/04	430.53	NA	DRY	--	--	0.00	--
	05/27/04	430.53	--	--	--	--	--	--
	06/03/04	430.53	--	--	--	--	--	--
	06/10/04	430.53	--	--	--	--	--	--
	06/17/04	430.53	--	--	--	--	--	--
	06/23/04	430.53	--	--	--	--	--	--
	06/30/04	430.53	--	--	--	--	--	--
	07/08/04	430.53	NA	DRY	--	--	0.00	--
	07/14/04	430.53	NA	DRY	--	--	0.00	--
	07/20/04	430.53	NA	DRY	--	--	0.00	--
	07/28/04	430.53	--	--	--	--	--	--
	08/03/04	430.53	--	--	--	--	--	--
	08/11/04	430.53	--	--	--	--	--	--
	08/19/04	430.53	--	--	--	--	--	--
	08/25/04	430.53	--	--	--	--	--	--
	09/02/04	430.53	--	--	--	--	--	--
	10/19/04	430.53	NA	9.90	NA	420.63	0.00	420.63
MP-10D	01/27/04	430.37	NA	19.70	NA	410.67	0.00	410.67
	03/15/04	430.37	NA	19.58	NA	410.79	0.00	410.79
	04/21/04	430.37	NA	19.27	NA	411.10	0.00	411.10
	05/27/04	430.37	--	--	--	--	--	--
	06/03/04	430.37	--	--	--	--	--	--
	06/10/04	430.37	--	--	--	--	--	--
	06/17/04	430.37	--	--	--	--	--	--
	06/23/04	430.37	--	--	--	--	--	--
	06/30/04	430.37	--	--	--	--	--	--
	07/08/04	430.37	--	--	--	--	--	--
	07/14/04	430.37	NA	17.62	NA	412.75	0.00	412.75
	07/20/04	430.37	--	--	--	--	--	--
	07/28/04	430.37	--	--	--	--	--	--
	08/03/04	430.37	--	--	--	--	--	--
	08/11/04	430.37	--	--	--	--	--	--
	08/19/04	430.37	--	--	--	--	--	--
	08/25/04	430.37	--	--	--	--	--	--
	09/02/04	430.37	--	--	--	--	--	--
	10/19/04	430.37	NA	21.86	NA	408.51	0.00	408.51

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

The Hartford Working Group / Hartford, Illinois
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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-11S	01/27/04	431.19	NA	DRY	--	--	0.00	--
	02/17/04	431.19	--	--	--	--	--	--
	03/15/04	431.19	NA	DRY	--	--	0.00	--
	04/21/04	431.19	NA	DRY	--	--	0.00	--
	05/27/04	431.19	--	--	--	--	--	--
	06/03/04	431.19	--	--	--	--	--	--
	06/10/04	431.19	--	--	--	--	--	--
	06/17/04	431.19	--	--	--	--	--	--
	06/23/04	431.19	--	--	--	--	--	--
	06/30/04	431.19	--	--	--	--	--	--
	07/08/04	431.19	NA	DRY	--	--	0.00	--
	07/14/04	431.19	NA	DRY	--	--	0.00	--
	07/20/04	431.19	NA	DRY	--	--	0.00	--
	07/28/04	431.19	--	--	--	--	--	--
	08/03/04	431.19	--	--	--	--	--	--
	08/11/04	431.19	--	--	--	--	--	--
	08/19/04	431.19	--	--	--	--	--	--
	08/25/04	431.19	--	--	--	--	--	--
	09/02/04	431.19	--	--	--	--	--	--
	10/19/04	431.19	--	--	--	--	--	--
MP-11D	01/27/04	431.19	NA	19.82	NA	411.37	0.00	411.37
	02/17/04	431.19	--	--	--	--	--	--
	03/15/04	431.19	NA	19.72	NA	411.47	0.00	411.47
	04/21/04	431.19	NA	19.62	NA	411.57	0.00	411.57
	05/27/04	431.19	--	--	--	--	--	--
	06/03/04	431.19	--	--	--	--	--	--
	06/10/04	431.19	--	--	--	--	--	--
	06/17/04	431.19	--	--	--	--	--	--
	06/23/04	431.19	--	--	--	--	--	--
	06/30/04	431.19	--	--	--	--	--	--
	07/08/04	431.19	--	--	--	--	--	--
	07/14/04	431.19	NA	17.87	NA	413.32	0.00	413.32
	07/20/04	431.19	--	--	--	--	--	--
	07/28/04	431.19	--	--	--	--	--	--
	08/03/04	431.19	--	--	--	--	--	--
	08/11/04	431.19	--	--	--	--	--	--
	08/19/04	431.19	--	--	--	--	--	--
	08/25/04	431.19	--	--	--	--	--	--
	09/02/04	431.19	--	--	--	--	--	--
	10/19/04	431.19	--	--	--	--	--	--

TABLE A-1
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Hartford, Illinois

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

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-13S	01/27/04	429.20	NA	7.97	NA	421.23	0.00	421.23
	03/15/04	429.20	--	DRY	--	0.00	--	--
	04/21/04	429.20	NA	8.38	NA	420.82	0.00	420.82
	05/27/04	429.20	--	--	--	--	--	--
	06/03/04	429.20	--	--	--	--	--	--
	06/10/04	429.20	--	--	--	--	--	--
	06/17/04	429.20	--	--	--	--	--	--
	06/23/04	429.20	--	--	--	--	--	--
	06/30/04	429.20	--	--	--	--	--	--
	07/08/04	429.20	--	--	--	--	--	--
	07/14/04	429.20	NA	7.84	NA	421.36	0.00	421.36
	07/20/04	429.20	--	--	--	--	--	--
	07/28/04	429.20	--	--	--	--	--	--
	08/03/04	429.20	--	--	--	--	--	--
	08/11/04	429.20	--	--	--	--	--	--
	08/19/04	429.20	--	--	--	--	--	--
	08/25/04	429.20	--	--	--	--	--	--
	09/02/04	429.20	--	--	--	--	--	--
	10/20/04	429.20	NA	9.60	NA	419.60	0.00	419.60
MP-13D	01/27/04	429.30	NA	DRY	--	--	0.00	--
	03/15/04	429.30	NA	DRY	--	--	0.00	--
	04/21/04	429.30	NA	DRY	--	--	0.00	--
	05/27/04	429.30	--	--	--	--	--	--
	06/03/04	429.30	--	--	--	--	--	--
	06/10/04	429.30	--	--	--	--	--	--
	06/17/04	429.30	--	--	--	--	--	--
	06/23/04	429.30	--	--	--	--	--	--
	06/30/04	429.30	--	--	--	--	--	--
	07/08/04	429.30	--	--	--	--	--	--
	07/14/04	429.30	NA	26.20	NA	403.10	0.00	403.10
	07/20/04	429.30	--	--	--	--	--	--
	07/28/04	429.30	--	--	--	--	--	--
	08/03/04	429.30	--	--	--	--	--	--
	08/11/04	429.30	--	--	--	--	--	--
	08/19/04	429.30	--	--	--	--	--	--
	08/25/04	429.30	--	--	--	--	--	--
	09/02/04	429.30	--	--	--	--	--	--
	10/20/04	429.30	NA	27.55	NA	401.75	0.00	401.75
MP-14S	01/27/04	429.51	--	--	--	--	--	--
	03/15/04	429.51	NA	DRY	--	--	0.00	--
	04/21/04	429.51	NA	9.04	NA	420.47	0.00	420.47

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MP-14S	05/27/04	429.51	--	--	--	--	--	--
	06/03/04	429.51	--	--	--	--	--	--
	06/10/04	429.51	--	--	--	--	--	--
	06/17/04	429.51	--	--	--	--	--	--
	06/23/04	429.51	--	--	--	--	--	--
	06/30/04	429.51	--	--	--	--	--	--
	07/08/04	429.51	--	--	--	--	--	--
	07/14/04	429.51	NA	8.17	NA	421.34	0.00	421.34
	07/20/04	429.51	--	--	--	--	--	--
	07/28/04	429.51	--	--	--	--	--	--
	08/03/04	429.51	--	--	--	--	--	--
	08/11/04	429.51	--	--	--	--	--	--
	08/19/04	429.51	--	--	--	--	--	--
	08/25/04	429.51	--	--	--	--	--	--
	09/02/04	429.51	--	--	--	--	--	--
	10/20/04	429.51	NA	DRY	--	--	0.00	--
MP-14D	01/27/04	429.51	--	--	--	--	--	--
	03/15/04	429.51	NA	DRY	--	--	0.00	--
	04/21/04	429.51	NA	DRY	--	--	0.00	--
	05/27/04	429.51	--	--	--	--	--	--
	06/03/04	429.51	--	--	--	--	--	--
	06/10/04	429.51	--	--	--	--	--	--
	06/17/04	429.51	--	--	--	--	--	--
	06/23/04	429.51	--	--	--	--	--	--
	06/30/04	429.51	--	--	--	--	--	--
	07/08/04	429.51	--	--	--	--	--	--
	07/14/04	429.51	NA	DRY	--	--	0.00	--
	07/20/04	429.51	--	--	--	--	--	--
	07/28/04	429.51	--	--	--	--	--	--
	08/03/04	429.51	--	--	--	--	--	--
	08/11/04	429.51	--	--	--	--	--	--
	08/19/04	429.51	--	--	--	--	--	--
	08/25/04	429.51	--	--	--	--	--	--
	09/02/04	429.51	--	--	--	--	--	--
	10/20/04	429.51	NA	26.79	NA	402.72	0.00	402.72
MP-15S	01/27/04	429.63	NA	6.01	NA	423.62	0.00	423.62
	03/15/04	429.63	NA	DRY	--	--	0.00	--
	04/21/04	429.63	NA	9.04	NA	420.59	0.00	420.59
	05/27/04	429.63	--	--	--	--	--	--
	06/03/04	429.63	--	--	--	--	--	--
	06/10/04	429.63	--	--	--	--	--	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-15S	06/17/04	429.63	--	--	--	--	--	--
	06/23/04	429.63	--	--	--	--	--	--
	06/30/04	429.63	--	--	--	--	--	--
	07/08/04	429.63	NA	DRY	--	--	0.00	--
	07/14/04	429.63	NA	DRY	--	--	0.00	--
	07/20/04	429.63	--	--	--	--	--	--
	07/28/04	429.63	--	--	--	--	--	--
	08/03/04	429.63	--	--	--	--	--	--
	08/11/04	429.63	--	--	--	--	--	--
	08/19/04	429.63	--	--	--	--	--	--
	08/25/04	429.63	--	--	--	--	--	--
	09/02/04	429.63	--	--	--	--	--	--
	10/20/04	429.63	NA	8.71	NA	420.92	0.00	420.92
MP-15D	01/27/04	429.58	--	--	--	--	--	--
	02/17/04	429.58	NA	DRY	--	--	0.00	--
	03/15/04	429.58	NA	DRY	--	--	0.00	--
	04/21/04	429.58	NA	DRY	--	--	0.00	--
	05/27/04	429.58	--	--	--	--	--	--
	06/03/04	429.58	--	--	--	--	--	--
	06/10/04	429.58	--	--	--	--	--	--
	06/17/04	429.58	--	--	--	--	--	--
	06/23/04	429.58	--	--	--	--	--	--
	06/30/04	429.58	--	--	--	--	--	--
	07/08/04	429.58	NA	DRY	--	--	0.00	--
	07/14/04	429.58	NA	DRY	--	--	0.00	--
	07/20/04	429.58	NA	DRY	--	--	0.00	--
	07/28/04	429.58	--	--	--	--	--	--
	08/03/04	429.58	--	--	--	--	--	--
	08/11/04	429.58	--	--	--	--	--	--
	08/19/04	429.58	--	--	--	--	--	--
	08/25/04	429.58	--	--	--	--	--	--
	09/02/04	429.58	--	--	--	--	--	--
	10/20/04	429.58	NA	26.81	NA	402.77	0.00	402.77
MP-16S	01/27/04	429.75	--	--	--	--	--	--
	02/17/04	429.75	--	--	--	--	--	--
	03/15/04	429.75	NA	DRY	--	--	0.00	--
	04/21/04	429.75	NA	DRY	--	--	0.00	--
	05/27/04	429.63	--	--	--	--	--	--
	06/03/04	429.63	--	--	--	--	--	--
	06/10/04	429.63	--	--	--	--	--	--
	06/17/04	429.63	--	--	--	--	--	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-16S	06/23/04	429.63	--	--	--	--	--	--
	06/30/04	429.63	--	--	--	--	--	--
	07/08/04	429.75	NA	DRY	--	--	0.00	--
	07/14/04	429.75	NA	DRY	--	--	0.00	--
	07/20/04	429.75	NA	DRY	--	--	0.00	--
	07/28/04	429.75	--	--	--	--	--	--
	08/03/04	429.75	--	--	--	--	--	--
	08/11/04	429.75	--	--	--	--	--	--
	008/19/04	429.75	--	--	--	--	--	--
	08/25/04	429.75	--	--	--	--	--	--
	09/02/04	429.75	--	--	--	--	--	--
	10/20/04	429.75	NA	DRY	--	--	0.00	--
MP-16D	01/27/04	429.77	NA	DRY	--	--	0.00	--
	02/17/04	429.77	NA	DRY	--	--	0.00	--
	03/05/04	429.77	NA	DRY	--	--	0.00	--
	04/21/04	429.77	NA	DRY	--	--	0.00	--
	05/27/04	429.77	--	--	--	--	--	--
	06/03/04	429.77	--	--	--	--	--	--
	06/10/04	429.77	--	--	--	--	--	--
	06/17/04	429.77	--	--	--	--	--	--
	06/23/04	429.77	--	--	--	--	--	--
	06/30/04	429.77	--	--	--	--	--	--
	07/08/04	429.77	NA	DRY	--	--	0.00	--
	07/14/04	429.77	NA	DRY	--	--	0.00	--
	07/20/04	429.77	NA	DRY	--	--	0.00	--
	07/28/04	429.77	--	--	--	--	--	--
	08/03/04	429.77	--	--	--	--	--	--
	08/11/04	429.77	--	--	--	--	--	--
	08/19/04	429.77	--	--	--	--	--	--
	08/25/04	429.77	--	--	--	--	--	--
	09/02/04	429.77	--	--	--	--	--	--
	10/20/04	429.77	NA	27.60	NA	402.17	0.00	402.17
MP-25	06/18/04	--	NA	23.25	--	--	0.00	--
	06/23/04	--	NA	25.78	--	--	0.00	--
	06/30/04	--	NA	25.97	--	--	0.00	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	NA	26.48	--	--	0.00	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-25	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	--	--	--	--	--	--
	09/02/04	429.71	--	--	--	--	--	--
	10/21/04	429.71	NA	26.90	NA	402.81	0.00	402.81
MP-26	06/18/04	--	NA	22.89	--	--	0.00	--
	06/23/04	--	NA	24.63	--	--	0.00	--
	06/30/04	--	NA	25.06	--	--	0.00	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	NA	25.37	--	--	0.00	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	--	--	--	--	--	--
	09/02/04	429.54	--	--	--	--	--	--
	10/21/04	429.54	NA	26.43	NA	403.11	0.00	403.11
MP-27	06/18/04	--	22.50	22.58	--	--	0.08	--
	06/23/04	--	25.29	25.63	--	--	0.34	--
	06/30/04	--	25.36	25.71	--	--	0.35	--
	07/14/04	--	26.16	26.68	--	--	0.52	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	--	--	--	--	--	--
	09/02/04	429.55	--	--	--	--	--	--
	10/21/04	429.55	27.86	28.16	401.69	401.39	0.30	401.62
MP-28	06/18/04	--	NA	16.12	--	--	0.00	--
	06/23/04	--	NA	16.89	--	--	0.00	--
	06/30/04	--	NA	18.03	--	--	0.00	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	--	--	--	--	--	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	--	--	--	--	--	--
	08/25/04	--	--	--	--	--	--	--
	09/02/04	429.80	--	--	--	--	--	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-28	10/21/04	429.80	NA	22.11	NA	407.69	0.00	407.69
MP-29 A	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	10.81	--	--	0.00	--
	08/11/04	--	NA	11.30	--	--	0.00	--
	08/19/04	--	NA	11.54	--	--	0.00	--
	08/25/04	--	NA	11.68	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/20/04	429.39	NA	11.87	NA	417.52	0.00	417.52
	10/20/04	429.39	NA	DRY	--	--	0.00	--
	11/17/04	429.39	NA	DRY	--	--	0.00	--
MP-29 B	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	18.90	--	--	0.00	--
	08/11/04	--	NA	19.71	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	--	--
	09/02/04	--	NA	DRY	--	--	--	--
	09/20/04	429.43	NA	20.32	NA	409.11	0.00	409.11
	10/20/04	429.43	NA	DRY	--	--	0.00	--
	11/17/04	429.43	NA	DRY	--	--	0.00	--
MP-29 C	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/19/04	--	21.17	21.58	--	--	0.41	--
	08/25/04	--	21.72	22.23	--	--	0.51	--
	09/02/04	--	22.28	22.64	--	--	0.36	--
	09/20/04	429.39	22.63	23.16	406.76	406.23	0.53	406.64
	10/20/04	429.39	23.75	23.98	405.64	405.41	0.23	405.59
	11/17/04	429.39	NA	22.24	NA	407.15	0.00	407.15
MP-29 D	07/29/04	--	28.28	30.36	--	--	2.08	--
	08/03/04	--	28.21	32.56	--	--	4.35	--
	08/11/04	--	28.64	32.67	--	--	4.03	--
	08/19/04	--	29.32	33.01	--	--	3.69	--
	08/25/04	--	30.07	32.64	--	--	2.57	--
	09/02/04	--	28.36	32.51	--	--	4.15	--
	09/20/04	429.47	30.52	32.25	398.95	397.22	1.73	398.55
	10/20/04	429.47	31.54	32.55	397.93	396.92	1.01	397.70
	11/17/04	429.47	30.95	31.92	398.52	397.55	0.97	398.30
MP-30 A	08/12/04	--	NA	DRY	--	--	--	--
	08/19/04	--	NA	DRY	--	--	--	--
	08/26/04	--	NA	18.47	--	--	--	--
	09/02/04	--	NA	DRY	--	--	--	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-30 A	09/21/04	431.20	NA	DRY	NA	--	0.00	--
	10/19/04	431.20	NA	18.47	NA	412.73	0.00	412.73
	11/17/04	431.20	NA	18.54	NA	412.66	0.00	412.66
MP-30 B	08/12/04	--	NA	25.80	--	--	0.00	--
	08/19/04	--	NA	26.19	--	--	0.00	--
	08/26/04	--	NA	26.36	--	--	0.00	--
	09/02/04	--	NA	36.55	--	--	0.00	--
	09/21/04	431.21	NA	27.00	NA	404.21	0.00	404.21
	10/19/04	431.21	NA	27.52	NA	403.69	0.00	403.69
	11/17/04	431.21	NA	27.48	NA	403.73	0.00	403.73
MP-30 C	08/12/04	--	NA	32.00	--	--	0.00	--
	08/19/04	--	NA	32.00	--	--	0.00	--
	08/26/04	--	NA	32.12	--	--	0.00	--
	09/02/04	--	NA	30.73	--	--	0.00	--
	09/21/04	431.13	NA	32.66	NA	398.47	0.00	398.47
	10/19/04	431.13	NA	33.45	NA	397.68	0.00	397.68
	11/17/04	431.13	NA	32.85	NA	398.28	0.00	398.28
MP-31 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	426.71	NA	DRY	NA	--	0.00	--
	10/19/04	426.71	NA	DRY	NA	--	0.00	--
	11/17/04	426.71	NA	DRY	NA	--	0.00	--
MP-31 B	08/12/04	--	NA	15.45	--	--	0.00	--
	08/19/04	--	NA	15.54	--	--	0.00	--
	08/26/04	--	NA	15.66	--	--	0.00	--
	09/02/04	--	NA	15.75	--	--	0.00	--
	09/21/04	426.79	NA	15.90	NA	410.89	0.00	410.89
	10/19/04	426.79	NA	16.11	NA	410.68	0.00	410.68
	11/17/04	426.79	NA	16.08	NA	410.71	0.00	410.71
MP-31 C	08/12/04	--	NA	29.03	--	--	0.00	--
	08/19/04	--	NA	27.89	--	--	0.00	--
	08/26/04	--	NA	28.00	--	--	0.00	--
	09/02/04	--	NA	26.38	--	--	0.00	--
	09/21/04	426.98	NA	28.48	NA	398.50	0.00	398.50
	10/19/04	426.98	NA	29.31	NA	397.67	0.00	397.67
	11/17/04	426.98	NA	28.78	NA	398.20	0.00	398.20
MP-32 A	08/12/04	--	NA	13.65	--	--	0.00	--
	08/19/04	--	NA	13.68	--	--	0.00	--
	08/26/04	--	NA	13.70	--	--	0.00	--
	09/02/04	--	NA	13.75	--	--	0.00	--

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MP-32 A	09/21/04	429.68	NA	13.80	NA	415.88	0.00	415.88
	10/21/04	429.68	NA	13.88	NA	415.80	0.00	415.80
	11/17/04	429.68	NA	13.97	NA	415.71	0.00	415.71
MP-32 B	08/12/04	--	NA	29.35	--	--	0.00	--
	08/19/04	--	30.08	30.39	--	--	0.31	--
	08/26/04	--	NA	30.65	--	--	0.00	--
	09/02/04	--	29.23	29.56	--	--	0.33	--
	09/21/04	429.68	NA	30.86	NA	398.82	0.00	398.82
	10/21/04	429.68	NA	DRY	NA	--	0.00	--
	11/17/04	429.68	30.92	30.96	398.76	398.72	0.04	398.75
MP-32 C	08/12/04	--	NA	29.75	--	--	0.00	--
	08/19/04	--	NA	30.55	--	--	0.00	--
	08/26/04	--	NA	30.68	--	--	0.00	--
	09/02/04	--	NA	29.20	--	--	0.00	--
	09/21/04	429.72	NA	38.30	NA	391.42	0.00	391.42
	10/21/04	429.72	NA	32.06	NA	397.66	0.00	397.66
	11/17/04	429.72	NA	31.41	NA	398.31	0.00	398.31
MP-33 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.05	NA	DRY	NA	--	0.00	--
	10/19/04	430.05	NA	DRY	NA	--	0.00	--
	11/17/04	430.05	NA	DRY	NA	--	0.00	--
MP-33 B	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	14.09	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.09	NA	DRY	NA	--	0.00	--
	10/19/04	430.09	NA	DRY	NA	--	0.00	--
	11/17/04	430.09	NA	14.13	NA	415.96	0.00	415.96
MP-33 C	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.09	NA	DRY	NA	--	0.00	--
	10/19/04	430.09	NA	DRY	NA	--	0.00	--
	11/17/04	430.09	NA	DRY	NA	--	0.00	--
MP-33 D	08/12/04	--	NA	30.03	--	--	0.00	--
	08/19/04	--	NA	30.83	--	--	0.00	--
	08/26/04	--	NA	30.97	--	--	0.00	--
	09/02/04	--	NA	29.54	--	--	0.00	--

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MP-33 D	09/21/04	430.09	NA	31.51	NA	398.58	0.00	398.58
	10/19/04	430.09	NA	32.24	NA	397.85	0.00	397.85
	11/17/04	430.09	NA	31.66	NA	398.43	0.00	398.43
MP-34 A	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	16.63	--	--	0.00	--
	08/11/04	--	--	15.66	--	--	--	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	15.61	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.73	NA	DRY	NA	--	0.00	--
	10/19/04	430.73	NA	DRY	NA	--	0.00	--
	11/17/04	430.73	NA	15.64	NA	415.09	0.00	415.09
MP-34 B	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	--	DRY	--	--	--	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.74	NA	DRY	NA	--	0.00	--
	10/19/04	430.74	NA	DRY	NA	--	0.00	--
	11/17/04	430.74	NA	DRY	NA	--	0.00	--
MP-34 C	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	30.13	--	--	0.00	--
	08/11/04	--	--	30.51	--	--	--	--
	08/19/04	--	31.24	31.34	--	--	0.10	--
	08/26/04	--	31.41	31.54	--	--	0.13	--
	09/02/04	--	NA	30.08	--	--	0.00	--
	09/21/04	430.62	31.93	32.02	398.69	398.60	0.09	398.67
	10/19/04	430.62	32.67	32.74	397.95	397.88	0.07	397.93
	11/17/04	430.62	32.16	32.20	398.46	398.42	0.04	398.45
MP-35 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	9.86	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.39	NA	DRY	NA	--	0.00	--
	10/19/04	430.39	NA	DRY	NA	--	0.00	--
	11/17/04	430.39	NA	DRY	NA	--	0.00	--
MP-35 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	17.05	--	--	0.00	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-35 B	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.41	NA	DRY	NA	--	0.00	--
	10/19/04	430.41	NA	DRY	NA	--	0.00	--
	11/17/04	430.41	NA	17.01	NA	413.40	0.00	413.40
MP-35 C	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	--	--	--	--	--	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.44	NA	DRY	NA	--	0.00	--
	10/19/04	430.44	NA	DRY	NA	--	0.00	--
	11/17/04	430.44	NA	DRY	NA	--	0.00	--
MP-35 D	07/29/04	--	29.11	31.30	--	--	2.19	--
	08/03/04	--	29.44	31.63	--	--	2.19	--
	08/11/04	--	29.78	31.93	--	--	2.15	--
	08/19/04	--	30.65	32.43	--	--	1.78	--
	08/25/04	--	31.00	32.88	--	--	1.88	--
	09/02/04	--	29.81	30.61	--	--	0.80	--
	09/21/04	430.43	31.30	33.27	399.13	397.16	1.97	398.68
	10/19/04	430.43	32.01	34.19	398.42	396.24	2.18	397.92
	11/17/04	430.43	31.80	32.59	398.63	397.84	0.79	398.45
MP-36 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	431.91	NA	DRY	NA	--	0.00	--
	10/19/04	431.91	NA	DRY	NA	--	0.00	--
	11/17/04	431.91	NA	DRY	NA	--	0.00	--
MP-36 B	07/29/04	--	NA	23.56	--	--	0.00	--
	08/03/04	--	NA	23.35	--	--	0.00	--
	08/11/04	--	NA	23.64	+	--	0.00	--
	08/19/04	--	NA	23.85	--	--	0.00	--
	08/25/04	--	NA	24.00	--	--	0.00	--
	09/02/04	--	NA	24.10	--	--	0.00	--
	09/21/04	431.98	NA	24.46	NA	407.52	0.00	407.52
	**10/19/04	431.98	NA	24.99	NA	406.99	0.00	406.99
	11/17/04	431.98	NA	25.00	NA	406.98	0.00	406.98

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-36 C	07/29/04	--	NA	31.11	--	--	0.00	--
	08/03/04	--	NA	31.45	--	--	0.00	--
	08/11/04	--	NA	31.76	--	--	0.00	--
	08/19/04	--	32.51	32.63	--	--	0.12	--
	08/25/04	--	32.86	33.00	--	--	0.14	--
	09/02/04	--	31.46	31.58	--	--	0.12	--
	09/21/04	431.99	33.24	33.40	398.75	398.59	0.16	398.71
	10/19/04	431.99	33.93	34.14	398.06	397.85	0.21	398.01
	11/17/04	431.99	NA	33.45	NA	398.54	0.00	398.54
MP-37 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/20/04	429.33	NA	DRY	NA	--	0.00	--
	10/20/04	429.33	NA	DRY	NA	--	0.00	--
	11/17/04	429.33	NA	DRY	NA	--	0.00	--
MP-37 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	22.55	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/20/04	428.99	NA	DRY	NA	--	0.00	--
	10/20/04	428.99	NA	DRY	NA	--	0.00	--
	11/17/04	428.99	NA	DRY	NA	--	0.00	--
MP-37 C	07/29/04	--	NA	21.96	--	--	0.00	--
	08/03/04	--	NA	22.63	--	--	0.00	--
	08/11/04	--	NA	23.50	--	--	0.00	--
	08/19/04	--	NA	23.65	--	--	0.00	--
	08/25/04	--	NA	23.69	--	--	0.00	--
	09/02/04	--	NA	23.71	--	--	0.00	--
	09/21/04	429.07	NA	23.81	NA	405.26	0.00	405.26
	10/20/04	429.07	NA	23.86	NA	405.21	0.00	405.21
	11/17/04	429.07	NA	23.85	NA	405.22	0.00	405.22
MP-37 D	07/29/04	--	27.21	30.90	--	--	3.69	--
	08/03/04	--	27.53	31.25	--	--	3.72	--
	08/11/04	--	27.85	31.49	--	--	3.64	--
	08/19/04	--	29.01	30.30	--	--	1.29	--
	08/25/04	--	29.40	31.13	--	--	1.73	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-37 D	09/02/04	--	28.44	29.04	--	--	0.60	--
	09/21/04	429.04	30.03	30.78	399.01	398.26	0.75	398.84
	10/20/04	429.04	30.80	31.61	398.24	397.43	0.81	398.05
	11/17/04	429.04	30.29	31.04	398.75	398.00	0.75	398.58
MP-38 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	427.17	NA	DRY	NA	--	0.00	--
	10/19/04	427.17	NA	DRY	NA	--	0.00	--
	11/17/04	427.17	NA	DRY	NA	--	0.00	--
MP-38 B	07/29/04	--	NA	23.14	--	--	0.00	--
	08/03/04	--	NA	23.16	--	--	0.00	--
	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	23.14	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	427.03	NA	DRY	NA	--	0.00	--
	10/19/04	427.03	NA	DRY	NA	--	0.00	--
	**11/17/04	427.03	NA	23.17	NA	403.86	0.00	403.86
MP-38 C	07/29/04	--	NA	25.91	--	--	0.00	--
	08/03/04	--	NA	26.38	--	--	0.00	--
	08/12/04	--	NA	26.76	--	--	0.00	--
	08/19/04	--	NA	27.60	--	--	0.00	--
	08/26/04	--	NA	27.84	--	--	0.00	--
	09/02/04	--	NA	26.25	--	--	0.00	--
	09/21/04	426.91	NA	28.40	NA	398.51	0.00	398.51
	10/19/04	426.91	NA	29.14	NA	397.77	0.00	397.77
	11/17/04	426.91	28.55	28.79	398.36	398.12	0.24	398.30
MP-39 A	07/29/04	--	NA	12.80	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	432.09	NA	DRY	NA	--	0.00	--
	10/19/04	432.09	NA	DRY	NA	--	0.00	--
	11/17/04	432.09	NA	DRY	NA	--	0.00	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-39 B	07/29/04	--	NA	18.37	--	--	0.00	--
	08/03/04	--	NA	18.41	--	--	0.00	--
	08/12/04	--	NA	18.85	--	--	0.00	--
	08/19/04	--	NA	19.55	--	--	0.00	--
	08/26/04	--	NA	20.20	--	--	0.00	--
	09/02/04	--	NA	20.28	--	--	0.00	--
	09/21/04	432.10	NA	21.57	NA	410.53	0.00	410.53
	**10/19/04	432.10	NA	22.68	NA	409.42	0.00	409.42
	**11/17/04	432.10	NA	21.06	NA	411.04	0.00	411.04
MP-39 C	07/29/04	--	30.93	31.24	--	--	0.31	--
	08/03/04	--	30.92	32.88	--	--	1.96	--
	08/11/04	--	31.25	33.30	--	--	2.05	--
	08/19/04	--	32.05	33.86	--	--	1.81	--
	08/26/04	--	32.40	34.12	--	--	1.72	--
	09/02/04	--	31.41	32.03	--	--	0.62	--
	09/21/04	432.07	32.89	34.56	399.18	397.51	1.67	398.80
	10/19/04	432.07	33.87	34.72	398.20	397.35	0.85	398.00
	11/17/04	432.07	33.35	34.26	398.72	397.81	0.91	398.51
MP-40 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	10.57	--	--	0.00	--
	09/02/04	--	NA	10.63	--	--	0.00	--
	09/21/04	432.76	NA	10.60	NA	422.16	0.00	422.16
	10/19/04	432.76	NA	10.36	NA	422.40	0.00	422.40
	11/17/04	432.76	NA	10.51	NA	422.25	0.00	422.25
MP-40 B	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	432.78	NA	DRY	NA	--	0.00	--
	10/19/04	432.78	NA	DRY	NA	--	0.00	--
	11/17/04	432.78	NA	DRY	NA	--	0.00	--
MP-40 C	08/19/04	--	NA	31.38	--	--	0.00	--
	08/26/04	--	NA	31.63	--	--	0.00	--
	09/02/04	--	NA	30.36	--	--	0.00	--
	09/21/04	432.77	NA	32.12	NA	400.65	0.00	400.65
	**10/19/04	432.77	NA	32.87	NA	399.90	0.00	399.90
	**11/17/04	432.77	NA	32.36	NA	400.41	0.00	400.41
MP-41 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/27/04	--	NA	DRY	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-41 A	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	431.24	NA	DRY	NA	--	0.00	--
	10/20/04	431.24	NA	DRY	NA	--	0.00	--
	11/17/04	431.24	NA	DRY	NA	--	0.00	--
MP-41 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/27/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	431.23	NA	DRY	NA	--	0.00	--
	10/20/04	431.23	NA	DRY	NA	--	0.00	--
	11/17/04	431.23	NA	DRY	NA	--	0.00	--
MP-41 C	07/29/04	--	NA	29.90	--	--	0.00	--
	08/03/04	--	NA	30.27	--	--	0.00	--
	08/11/04	--	30.56	30.58	--	--	0.02	--
	08/19/04	--	31.36	31.37	--	--	0.01	--
	08/27/04	--	31.59	31.60	--	--	0.01	--
	09/02/04	--	NA	30.45	--	--	0.00	--
	09/21/04	431.09	NA	32.12	NA	398.97	0.00	398.97
	10/20/04	431.09	NA	32.86	NA	398.23	0.00	398.23
	11/17/04	431.09	NA	32.33	NA	398.76	0.00	398.76
MP-42 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.21	NA	DRY	NA	--	0.00	--
	10/21/04	430.21	NA	DRY	NA	--	0.00	--
	11/17/04	430.21	NA	DRY	NA	--	0.00	--
MP-42 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/20/04	430.20	NA	DRY	NA	--	0.00	--
	10/21/04	430.20	NA	DRY	--	--	0.00	--
	11/17/04	430.20	NA	DRY	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-42 C	07/29/04	--	29.22	29.68	--	--	0.46	--
	08/03/04	--	29.46	30.09	--	--	0.63	--
	08/11/04	--	29.70	30.60	--	--	0.90	--
	08/18/04	--	30.06	31.72	--	--	1.66	--
	08/25/04	--	30.63	32.01	--	--	1.38	--
	09/02/04	--	29.70	30.45	--	--	0.75	--
	09/20/04	430.32	31.07	32.10	399.25	398.22	1.03	399.01
	10/21/04	430.32	31.98	32.92	398.34	397.40	0.94	398.12
	11/17/04	430.32	31.42	32.42	398.90	397.90	1.00	398.67
MP-43 A	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	426.75	NA	DRY	NA	--	0.00	--
	10/19/04	426.75	NA	DRY	NA	--	0.00	--
	11/17/04	426.75	NA	8.38	NA	418.37	0.00	418.37
MP-43 B	08/12/04	--	NA	DRY	--	--	0.00	--
	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	426.72	NA	DRY	NA	--	0.00	--
	10/19/04	426.72	NA	DRY	NA	--	0.00	--
	11/17/04	426.72	NA	DRY	NA	--	0.00	--
MP-43 C	08/12/04	--	NA	25.98	--	--	0.00	--
	08/19/04	--	NA	26.80	--	--	0.00	--
	08/26/04	--	NA	27.05	--	--	0.00	--
	09/02/04	--	NA	25.58	--	--	0.00	--
	09/21/04	426.39	NA	27.57	NA	398.82	0.00	398.82
	10/19/04	426.39	NA	28.39	NA	398.00	0.00	398.00
	11/17/04	426.39	NA	27.81	NA	398.58	0.00	398.58
MP-44 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.64	NA	DRY	NA	--	0.00	--
	10/20/04	430.64	NA	DRY	NA	--	0.00	--
	11/17/04	430.64	NA	DRY	NA	--	0.00	--
MP-44 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-44 B	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.54	NA	DRY	NA	--	0.00	--
	10/20/04	430.54	NA	DRY	--	--	0.00	--
	11/17/04	430.54	NA	DRY	--	--	0.00	--
MP-44 C	07/29/04	--	NA	24.41	--	--	0.00	--
	08/03/04	--	NA	24.39	--	--	0.00	--
	08/11/04	--	NA	24.36	--	--	0.00	--
	08/18/04	--	NA	24.31	--	--	0.00	--
	08/25/04	--	NA	24.30	--	--	0.00	--
	09/02/04	--	NA	24.63	--	--	0.00	--
	09/21/04	430.54	NA	24.42	NA	406.12	0.00	406.12
	10/20/04	430.54	NA	DRY	--	--	0.00	--
	**11/17/04	430.54	NA	24.53	NA	406.01	0.00	406.01
MP-44 D	07/29/04	--	NA	29.33	--	--	0.00	--
	08/03/04	--	NA	29.65	--	--	0.00	--
	08/11/04	--	NA	29.99	--	--	0.00	--
	08/18/04	--	30.54	30.55	--	--	0.01	--
	08/25/04	--	31.02	31.03	--	--	0.01	--
	09/02/04	--	NA	29.91	--	--	0.00	--
	09/21/04	430.62	NA	31.53	NA	399.09	0.00	399.09
	10/20/04	430.62	NA	32.27	NA	398.35	0.00	398.35
	11/17/04	430.62	NA	31.75	NA	398.87	0.00	398.87
MP-45 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.04	NA	DRY	NA	--	0.00	--
	10/20/04	430.04	NA	DRY	NA	--	0.00	--
	11/17/04	430.04	NA	DRY	NA	--	0.00	--
MP-45 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.04	NA	DRY	NA	--	0.00	--
	10/20/04	430.04	NA	DRY	NA	--	0.00	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-45 B	11/17/04	430.04	NA	DRY	NA	--	0.00	--
MP-45 C	07/29/04	--	28.38	29.38	--	--	1.00	--
	08/03/04	--	28.72	29.56	--	--	0.84	--
	08/11/04	--	29.02	29.04	--	--	0.02	--
	08/18/04	--	29.54	30.55	--	--	1.01	--
	08/25/04	--	29.91	31.43	--	--	1.52	--
	09/02/04	--	29.10	29.70	--	--	0.60	--
	09/21/04	429.93	30.18	32.61	399.75	397.32	2.43	399.19
	10/20/04	429.93	30.85	33.60	399.08	396.33	2.75	398.45
	11/17/04	429.93	30.69	32.06	399.24	397.87	1.37	398.92
MP-46 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.67	NA	DRY	NA	--	0.00	--
	10/20/04	429.67	NA	14.68	NA	414.99	0.00	414.99
	11/17/04	429.67	NA	DRY	NA	--	0.00	--
MP-46 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.65	NA	DRY	NA	--	0.00	--
	10/20/04	429.65	NA	DRY	NA	--	0.00	--
	11/17/04	429.65	NA	DRY	NA	--	0.00	--
MP-46 C	07/29/04	--	27.99	29.54	--	--	1.55	--
	08/03/04	--	28.14	29.87	--	--	1.73	--
	08/11/04	--	28.39	28.40	--	--	0.01	--
	08/18/04	--	29.86	31.21	--	--	1.35	--
	08/25/04	--	29.37	30.48	--	--	1.11	--
	09/02/04	--	28.80	29.31	--	--	0.51	--
	09/21/04	429.60	29.82	32.01	399.78	397.59	2.19	399.28
	10/20/04	429.60	30.48	33.33	399.12	396.27	2.85	398.46
	11/17/04	429.60	30.26	31.93	399.34	397.67	1.67	398.96
MP-47 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-47 A	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.12	NA	DRY	NA	--	0.00	--
	10/20/04	429.12	NA	DRY	--	--	0.00	--
	11/17/04	429.12	NA	DRY	--	--	0.00	--
MP-47 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.11	NA	DRY	NA	--	0.00	--
	10/20/04	429.11	NA	DRY	NA	--	0.00	--
	**11/17/04	429.11	NA	22.32	NA	406.79	0.00	406.79
MP-47 C	07/29/04	--	27.19	29.27	--	--	2.08	--
	08/03/04	--	27.42	29.51	--	--	2.09	--
	08/11/04	--	27.72	29.86	--	--	2.14	--
	08/18/04	--	28.16	30.56	--	--	2.40	--
	08/25/04	--	28.65	31.04	--	--	2.39	--
	09/02/04	--	28.02	29.35	--	--	1.33	--
	09/21/04	429.01	29.07	31.51	399.94	397.50	2.44	399.38
	10/20/04	429.01	29.92	32.19	399.09	396.82	2.27	398.57
	11/17/04	429.01	29.55	31.40	399.46	397.61	1.85	399.03
MP-48 A	08/11/04	--	NA	19.05	--	--	0.00	--
	08/19/04	--	NA	18.95	--	--	0.00	--
	08/26/04	--	NA	18.95	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.29	NA	18.98	NA	410.31	0.00	410.31
	10/19/04	429.29	NA	DRY	--	--	0.00	--
	11/17/07	429.29	NA	19.00	NA	410.29	0.00	410.29
MP-48 B	08/11/04	--	28.41	28.85	--	--	0.44	--
	08/19/04	--	29.05	29.75	--	--	0.70	--
	08/26/04	--	29.46	30.17	--	--	0.71	--
	09/02/04	--	28.30	28.32	--	--	0.02	--
	09/21/04	429.29	29.91	30.69	399.38	398.60	0.78	399.20
	10/19/04	429.29	30.56	30.82	398.73	398.47	0.26	398.67
	11/17/04	429.29	30.25	30.82	399.04	398.47	0.57	398.91
MP-48 C	08/11/04	--	28.92	28.93	--	--	0.01	--
	08/19/04	--	29.70	29.72	--	--	0.02	--
	08/26/04	--	29.97	29.98	--	--	0.01	--
	09/02/04	--	28.58	28.59	--	--	0.01	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-48 C	09/21/04	429.49	30.47	30.49	399.02	399.00	0.02	399.02
	10/19/04	429.49	NA	31.27	NA	398.22	0.00	398.22
	11/17/04	429.49	NA	30.68	NA	398.81	0.00	398.81
MP-49 A	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	10.87	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	432.81	NA	DRY	NA	--	0.00	--
	10/19/04	432.81	NA	DRY	NA	--	0.00	--
	11/17/04	432.81	NA	DRY	NA	--	0.00	--
MP-49 B	08/19/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	432.82	NA	DRY	NA	--	0.00	--
	10/19/04	432.82	NA	DRY	NA	--	0.00	--
	11/17/04	432.82	NA	DRY	NA	--	0.00	--
MP-49 C	08/19/04	--	30.84	32.25	--	--	1.41	--
	08/26/04	--	31.12	32.49	--	--	1.37	--
	09/02/04	--	30.34	30.67	--	--	0.33	--
	09/21/04	432.80	31.64	32.71	401.16	400.09	1.07	400.91
	10/19/04	432.80	32.42	33.64	400.38	399.16	1.22	400.10
	**11/17/04	432.80	31.95	32.84	400.85	399.96	0.89	400.65
MP-50 A	08/18/04	--	NA	8.08	--	--	0.00	--
	08/26/04	--	NA	8.65	--	--	0.00	--
	09/02/04	--	NA	9.00	--	--	0.00	--
	09/21/04	430.38	NA	9.83	NA	420.55	0.00	420.55
	10/20/04	430.38	NA	10.72	NA	419.66	0.00	419.66
	11/17/04	430.38	NA	11.30	NA	419.08	0.00	419.08
MP-50 B	07/29/04	--	NA	24.03	--	--	0.00	--
	08/03/04	--	NA	23.31	--	--	0.00	--
	08/11/04	--	NA	23.88	--	--	0.00	--
	08/18/04	--	NA	24.01	--	--	0.00	--
	08/26/04	--	NA	23.82	--	--	0.00	--
	09/02/04	--	NA	23.72	--	--	0.00	--
	09/21/04	430.24	NA	DRY	NA	--	0.00	--
	**10/20/04	430.24	NA	22.99	NA	407.25	0.00	407.25
	**11/17/04	430.24	NA	23.56	NA	406.68	0.00	406.68
MP-50 C	07/29/04	--	28.11	31.05	--	--	2.94	--
	08/03/04	--	28.55	31.22	--	--	2.67	--
	08/11/04	--	28.96	31.18	--	--	2.22	--
	08/18/04	--	29.71	31.25	--	--	1.54	--
	08/26/04	--	30.28	31.38	--	--	1.10	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-50 C	09/02/04	--	28.97	30.79	--	--	1.82	--
	09/21/04	430.23	30.80	32.03	399.43	398.20	1.23	399.15
	10/20/04	430.23	31.46	33.02	398.77	397.21	1.56	398.41
	11/17/04	430.23	31.09	31.92	399.14	398.31	0.83	398.95
MP-51 A	08/18/04	--	NA	7.45	--	--	0.00	--
	08/26/14	--	NA	8.39	--	--	0.00	--
	09/02/04	--	NA	8.90	--	--	0.00	--
	09/21/04	430.90	NA	DRY	NA	--	0.00	--
	10/20/04	430.90	NA	DRY	NA	--	0.00	--
	11/17/04	430.90	NA	DRY	NA	--	0.00	--
MP-51 B	07/29/04	--	NA	14.69	--	--	0.00	--
	08/03/04	--	NA	14.38	--	--	0.00	--
	08/11/04	--	NA	14.53	--	--	0.00	--
	08/18/04	--	NA	14.68	--	--	0.00	--
	08/26/04	--	NA	14.85	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.91	NA	DRY	NA	--	0.00	--
	10/20/04	430.91	NA	DRY	NA	--	0.00	--
	11/17/04	430.91	NA	14.97	NA	415.94	0.00	415.94
MP-51 C	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.93	NA	DRY	NA	--	0.00	--
	10/20/04	430.93	NA	DRY	NA	--	0.00	--
	11/17/04	430.93	NA	DRY	NA	--	0.00	--
MP-51 D	07/29/04	--	29.92	31.49	--	--	1.57	--
	08/03/04	--	29.19	31.64	--	--	2.45	--
	08/11/04	--	29.50	31.93	--	--	2.43	--
	08/18/04	--	29.98	32.45	--	--	2.47	--
	08/26/04	--	30.54	32.74	--	--	2.20	--
	09/02/04	--	29.97	29.98	--	--	0.01	--
	09/21/04	430.99	30.93	33.56	400.06	397.43	2.63	399.46
	10/20/04	430.99	31.73	34.23	399.26	396.76	2.50	398.69
	11/17/04	430.99	31.38	33.22	399.61	397.77	1.84	399.19
MP-52 A	07/29/04	--	NA	9.88	--	--	0.00	--
	08/03/04	--	NA	9.93	--	--	0.00	--
	08/11/04	--	NA	9.91	--	--	0.00	--
	08/18/04	--	NA	9.87	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-52 A	08/26/04	--	NA	9.85	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.96	NA	9.80	NA	420.16	0.00	420.16
	10/20/04	429.96	NA	9.78	NA	420.18	0.00	420.18
	11/17/04	429.96	NA	9.81	NA	420.15	0.00	420.15
MP-52 B	07/29/04	--	NA	21.80	--	--	0.00	--
	08/03/04	--	NA	22.08	--	--	0.00	--
	08/11/04	--	NA	22.25	--	--	0.00	--
	08/18/04	--	NA	22.41	--	--	0.00	--
	08/26/04	--	NA	22.49	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.97	NA	DRY	NA	--	0.00	--
	10/20/04	429.97	NA	DRY	NA	--	0.00	--
	11/17/04	429.97	NA	DRY	NA	--	0.00	--
MP-52 C	07/29/04	--	28.30	28.74	--	--	0.44	--
	08/03/04	--	28.28	30.20	--	--	1.92	--
	08/11/04	--	28.34	31.05	--	--	2.71	--
	08/18/04	--	29.03	31.22	--	--	2.19	--
	08/26/04	--	29.67	31.48	--	--	1.81	--
	09/02/04	--	28.74	30.16	--	--	1.42	--
	09/21/04	429.99	30.31	31.44	399.68	398.55	1.13	399.42
	10/20/04	429.99	31.06	32.17	398.93	397.82	1.11	398.67
	11/17/04	429.99	30.64	31.84	399.35	398.15	1.20	399.07
MP-53 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.59	NA	DRY	NA	--	0.00	--
	10/20/04	430.59	NA	11.67	NA	418.92	0.00	418.92
	11/17/04	430.59	NA	11.70	NA	418.89	0.00	418.89
MP-53 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.60	NA	DRY	NA	--	0.00	--
	10/20/04	430.60	NA	DRY	NA	--	0.00	--
	11/17/04	430.60	NA	DRY	NA	--	0.00	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-53 C	07/29/04	--	28.50	30.93	--	--	2.43	--
	08/03/04	--	28.83	30.94	--	--	2.11	--
	08/11/04	--	29.24	30.99	--	--	1.75	--
	08/18/04	--	29.75	31.37	--	--	1.62	--
	08/25/04	--	30.27	31.71	--	--	1.44	--
	09/02/04	--	29.60	29.61	--	--	0.01	--
	09/21/04	430.64	30.74	32.42	399.90	398.22	1.68	399.51
	10/20/04	430.64	31.81	32.42	398.83	398.22	0.61	398.69
	11/17/04	430.64	31.33	31.94	399.31	398.70	0.61	399.17
MP-54 A	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/27/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.00	NA	DRY	NA	--	0.00	--
	10/20/04	430.00	NA	DRY	NA	--	0.00	--
	11/17/04	430.00	NA	DRY	NA	--	0.00	--
MP-54 B	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	DRY	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/27/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.99	NA	DRY	NA	--	0.00	--
	10/20/04	429.99	NA	DRY	NA	--	0.00	--
	11/17/04	429.99	NA	DRY	NA	--	0.00	--
MP-54 C	07/29/04	--	--	--	--	--	--	--
	08/03/04	--	NA	28.81	--	--	0.00	--
	08/11/04	--	NA	29.11	--	--	0.00	--
	08/18/04	--	NA	29.55	--	--	0.00	--
	08/25/04	--	29.62	31.28	--	--	1.66	--
	09/02/04	--	28.80	30.20	--	--	1.40	--
	09/21/04	430.06	30.15	31.86	399.91	398.20	1.71	399.52
	**10/20/04	430.06	30.43	32.69	399.63	397.37	2.26	399.11
	11/17/04	430.06	30.48	31.96	399.58	398.10	1.48	399.24
MP-55 A	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	16.87	--	--	0.00	--
	08/11/04	--	NA	16.88	--	--	0.00	--
	08/18/04	--	NA	16.86	--	--	0.00	--
	08/25/04	--	NA	16.85	--	--	0.00	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-55 A	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.65	NA	16.86	NA	412.79	0.00	412.79
	10/20/04	429.65	--	--	--	--	--	--
	11/17/04	429.65	NA	DRY	--	--	0.00	--
MP-55 B	07/29/04	--	NA	DRY	--	--	0.00	--
	08/03/04	--	NA	23.79	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.64	NA	DRY	NA	--	0.00	--
	10/20/04	429.65	--	--	--	--	--	--
	11/17/04	429.65	NA	DRY	NA	--	0.00	--
MP-55 C	07/29/04	--	27.20	30.97	--	--	3.77	--
	08/03/04	--	27.51	31.09	--	--	3.58	--
	08/11/04	--	27.85	31.32	--	--	3.47	--
	08/18/04	--	28.12	32.17	--	--	4.05	--
	08/25/04	--	28.58	32.58	--	--	4.00	--
	09/02/04	--	28.50	29.44	--	--	0.94	--
	09/21/04	429.67	29.11	32.98	400.56	396.69	3.87	399.67
	10/20/04	429.67	--	--	--	--	--	--
	11/17/04	429.67	29.90	32.00	399.77	397.67	2.10	399.29
MP-56 A	08/03/04	--	NA	10.60	--	--	0.00	--
	08/11/04	--	NA	10.56	--	--	0.00	--
	08/18/04	--	NA	10.55	--	--	0.00	--
	08/25/04	--	NA	10.55	--	--	0.00	--
	09/02/04	--	NA	10.60	--	--	0.00	--
	09/21/04	430.25	NA	DRY	NA	--	0.00	--
	10/20/04	430.25	NA	10.63	NA	419.62	0.00	419.62
	11/17/04	430.25	NA	10.67	NA	419.58	0.00	419.58
MP-56 B	08/03/04	--	NA	25.71	--	--	0.00	--
	08/11/04	--	NA	26.04	--	--	0.00	--
	08/18/04	--	26.18	26.22	--	--	0.04	--
	08/25/04	--	26.76	26.80	--	--	0.04	--
	09/02/04	--	26.97	26.98	--	--	0.01	--
	09/21/04	430.25	NA	DRY	NA	--	0.00	--
	10/20/04	430.25	NA	DRY	NA	--	0.00	--
	11/17/04	430.25	NA	DRY	NA	--	0.00	--
MP-56 C	08/03/04	--	NA	28.72	--	--	0.00	--
	08/11/04	--	NA	28.72	--	--	0.00	--
	08/18/04	--	29.39	29.79	--	--	0.40	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-56 C	08/25/04	--	29.81	30.36	--	--	0.55	--
	09/02/04	--	29.00	29.01	--	--	0.01	--
	09/21/04	430.15	30.31	31.02	399.84	399.13	0.71	399.68
	10/20/04	430.15	31.13	31.85	399.02	398.30	0.72	398.85
	11/17/04	430.15	30.70	31.28	399.45	398.87	0.58	399.32
MP-57 A	08/03/04	--	NA	14.65	--	--	0.00	--
	08/11/04	--	NA	14.67	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	14.68	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.05	NA	DRY	NA	--	0.00	--
	10/20/04	429.05	NA	14.69	NA	414.36	0.00	414.36
	11/17/04	429.05	NA	14.70	NA	414.35	0.00	414.35
MP-57 B	08/03/04	--	NA	24.25	--	--	0.00	--
	08/11/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.04	NA	DRY	NA	--	0.00	--
	10/20/04	429.04	NA	DRY	NA	--	0.00	--
	11/17/04	429.04	NA	DRY	NA	--	0.00	--
MP-57 C	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	NA	27.93	--	--	0.00	--
	08/18/04	--	NA	28.37	--	--	0.00	--
	08/25/04	--	NA	28.84	--	--	0.00	--
	09/02/04	--	NA	28.13	--	--	0.00	--
	09/21/04	428.99	NA	29.37	NA	399.62	0.00	399.62
	10/20/04	428.99	30.11	30.50	398.88	398.49	0.39	398.79
	11/17/04	428.99	29.67	30.04	399.32	398.95	0.37	399.23
MP-58 A	08/12/04	--	NA	9.70	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	9.72	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	430.29	NA	9.86	NA	420.43	0.00	420.43
	10/20/04	430.29	NA	DRY	--	--	0.00	--
	11/17/04	430.29	NA	10.01	NA	420.28	0.00	420.28
MP-58 B	08/12/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04		NA	DRY	--	--	0.00	--
	09/21/04	430.29	NA	DRY	NA	--	0.00	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-58 B	10/20/04	430.29	NA	DRY	NA	--	0.00	--
	11/17/04	430.29	NA	DRY	NA	--	0.00	--
MP-58 C	08/12/04	--	NA	28.85	--	--	0.00	--
	08/18/04	--	NA	29.27	--	--	0.00	--
	08/25/04	--	NA	29.80	--	--	0.00	--
	09/02/04	--	NA	29.13	--	--	0.00	--
	09/21/04	430.33	NA	30.30	NA	400.03	0.00	400.03
	10/20/04	430.33	NA	31.16	NA	399.17	0.00	399.17
	11/17/04	430.33	NA	30.73	NA	399.60	0.00	399.60
MP-59 A	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	8.75	--	--	0.00	--
	08/25/04	--	NA	8.66	--	--	0.00	--
	09/02/04	--	NA	8.66	--	--	0.00	--
	09/21/04	429.97	NA	8.62	NA	421.35	0.00	421.35
	10/20/04	429.97	NA	8.59	NA	421.38	0.00	421.38
	11/17/04	429.97	NA	8.58	NA	421.39	0.00	421.39
MP-59 B	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.88	NA	DRY	NA	--	0.00	--
	10/20/04	429.88	NA	DRY	NA	--	0.00	--
	11/17/04	429.88	NA	DRY	NA	--	0.00	--
MP-59 C	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	28.81	--	--	0.00	--
	08/25/04	--	29.33	29.34	--	--	0.01	--
	09/02/04	--	NA	28.51	--	--	0.00	--
	09/21/04	429.90	29.86	29.91	400.04	399.99	0.05	400.03
	10/20/04	429.90	30.74	30.80	399.16	399.10	0.06	399.15
	11/17/04	429.90	NA	30.25	NA	399.65	0.00	399.65
MP-60 A	08/12/04	--	NA	9.62	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	9.64	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.21	NA	9.68	NA	419.53	0.00	419.53
	10/20/04	429.21	NA	DRY	--	--	0.00	--
	11/17/04	429.21	NA	9.77	NA	419.44	0.00	419.44
MP-60 B	08/12/04	--	NA	DRY	--	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/25/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-60 B	09/21/04	429.20	NA	DRY	NA	--	0.00	--
	10/20/04	429.20	NA	DRY	NA	--	0.00	--
	11/17/04	429.20	NA	DRY	NA	--	0.00	--
MP-60 C	08/12/04	--	NA	27.88	--	--	0.00	--
	08/18/04	--	NA	28.37	--	--	0.00	--
	08/25/04	--	28.73	28.74	--	--	0.01	--
	09/02/04	--	NA	28.08	--	--	0.00	--
	09/21/04	429.21	NA	29.25	NA	399.96	0.00	399.96
	10/20/04	429.21	NA	30.23	NA	398.98	0.00	398.98
	11/17/04	429.21	NA	29.66	NA	399.55	0.00	399.55
MP-61 A	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	10.11	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.98	NA	10.11	NA	419.87	0.00	419.87
	10/19/04	429.98	NA	DRY	--	--	0.00	--
	11/17/04	429.98	NA	DRY	--	--	0.00	--
MP-61 B	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.88	NA	DRY	NA	--	0.00	--
	10/19/04	429.88	NA	DRY	NA	--	0.00	--
	11/17/04	429.88	NA	DRY	NA	--	0.00	--
MP-61 C	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	27.95	--	--	0.00	--
	08/26/04	--	NA	28.58	--	--	0.00	--
	09/02/04	--	NA	28.38	--	--	0.00	--
	09/21/04	430.00	NA	29.15	NA	400.85	0.00	400.85
	10/19/04	430.00	NA	30.19	NA	399.81	0.00	399.81
	11/17/04	430.00	NA	29.91	NA	400.09	0.00	400.09
MP-62 A	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.11	NA	DRY	NA	--	0.00	--
	10/19/04	429.11	NA	DRY	NA	--	0.00	--
	11/17/04	429.11	NA	DRY	NA	--	0.00	--
MP-62 B	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-62 B	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.11	NA	DRY	NA	--	0.00	--
	10/19/04	429.11	NA	DRY	NA	--	0.00	--
	11/17/04	429.11	NA	DRY	NA	--	0.00	--
MP-62 C	08/12/04	--	--	--	--	--	--	--
	08/18/04	--	NA	27.44	--	--	0.00	--
	08/26/04	--	NA	28.03	--	--	0.00	--
	09/02/04	--	NA	27.40	--	--	0.00	--
	09/21/04	428.94	NA	28.49	NA	400.45	0.00	400.45
	10/19/04	428.94	NA	29.35	NA	399.59	0.00	399.59
	11/17/04	428.94	NA	29.00	NA	399.94	0.00	399.94
MP-63 A	08/11/04	--	--	DRY	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	9.66	--	--	0.00	--
	09/02/04	--	NA	9.66	--	--	0.00	--
	09/21/04	429.26	NA	9.56	NA	419.70	0.00	419.70
	10/19/04	429.26	NA	9.53	NA	419.73	0.00	419.73
	11/17/04	429.26	NA	9.50	NA	419.76	0.00	419.76
MP-63 B	08/11/04	--	NA	DRY	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	429.26	NA	DRY	NA	--	0.00	--
	10/19/04	429.26	NA	DRY	NA	--	0.00	--
	11/17/04	429.26	NA	DRY	NA	--	0.00	--
MP-63 C	08/11/04	--	NA	27.40	--	--	--	--
	08/18/04	--	NA	27.83	--	--	0.00	--
	08/26/04	--	NA	28.42	--	--	0.00	--
	09/02/04	--	NA	27.88	--	--	0.00	--
	09/21/04	429.29	NA	28.88	NA	400.41	0.00	400.41
	10/19/04	429.29	NA	29.74	NA	399.55	0.00	399.55
	11/17/04	429.29	NA	29.42	NA	399.87	0.00	399.87
MP-64 A	08/12/04	--	NA	8.96	--	--	--	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	8.78	--	--	0.00	--
	09/02/04	--	NA	8.72	--	--	0.00	--
	09/21/04	428.73	NA	8.63	NA	420.10	0.00	420.10
	10/20/04	428.73	NA	8.67	NA	420.06	0.00	420.06
	11/17/04	428.73	NA	8.68	NA	420.05	0.00	420.05

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WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-64 B	08/12/04	--	NA	DRY	NA	--	0.00	--
	08/18/04	--	NA	DRY	--	--	0.00	--
	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	428.74	NA	DRY	NA	--	0.00	--
	10/20/04	428.74	NA	DRY	NA	--	0.00	--
	11/17/04	428.74	NA	DRY	NA	--	0.00	--
MP-64 C	08/12/04	--	NA	26.88	--	--	0.00	--
	08/18/04	--	NA	27.22	--	--	0.00	--
	08/26/04	--	27.77	27.78	--	--	0.01	--
	09/02/04	--	NA	27.29	--	--	0.00	--
	09/21/04	428.69	NA	28.25	NA	400.44	0.00	400.44
	10/20/04	428.69	NA	29.15	NA	399.54	0.00	399.54
	11/17/04	428.69	NA	28.92	NA	399.77	0.00	399.77
MP-65 A	08/26/04	--	NA	16.28	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	0.00	--
	09/21/04	431.41	NA	DRY	NA	--	0.00	--
	10/18/04	431.41	NA	DRY	NA	--	0.00	--
	11/17/04	431.41	NA	DRY	NA	--	0.00	--
MP-65 B	08/26/04	--	NA	DRY	--	--	--	--
	09/02/04	--	NA	DRY	--	--	--	--
	09/21/04	431.44	NA	DRY	NA	--	0.00	--
	10/18/04	431.44	NA	DRY	NA	--	0.00	--
	11/17/04	431.44	NA	DRY	NA	--	0.00	--
MP-65 C	08/26/04	--	NA	30.08	--	--	0.00	--
	09/02/04	--	NA	29.19	--	--	0.00	--
	09/21/04	431.54	NA	30.58	NA	400.96	0.00	400.96
	10/18/04	431.54	NA	31.38	NA	400.16	0.00	400.16
	11/17/04	431.54	NA	30.91	NA	400.63	0.00	400.63
MP-66 A	08/26/04	--	14.22	14.23	--	--	0.01	--
	09/02/04	--	NA	DRY	--	--	--	--
	09/21/04	430.81	NA	DRY	NA	--	0.00	--
	10/18/04	430.81	NA	DRY	--	--	--	--
	11/17/04	430.81	NA	DRY	--	--	--	--
MP-66 B	08/26/04	--	NA	25.17	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	--	--
	09/21/04	430.82	NA	DRY	NA	--	0.00	--
	10/18/04	430.82	NA	DRY	--	--	--	--
	11/17/04	430.82	NA	DRY	--	--	--	--

TABLE A-1
2004 Groundwater Elevations/Apparent Product Thickness
Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-66 C	08/26/04	--	NA	28.71	--	--	0.00	--
	09/02/04	--	NA	28.51	--	--	--	--
	09/21/04	430.79	NA	29.29	NA	401.50	0.00	401.50
	10/18/04	430.79	NA	30.08	NA	400.71	0.00	400.71
	11/17/04	430.79	NA	30.07	NA	400.72	0.00	400.72
MP-67 A	08/26/04	--	NA		--	--	0.00	--
	09/02/04	--	NA	9.48	--	--	--	--
	09/21/04	430.29	NA	9.54	NA	420.75	0.00	420.75
	10/18/04	430.29	NA	DRY	--	--	--	--
	11/17/04	430.29	NA	9.72	NA	420.57	0.00	420.57
MP-67 B	08/26/04	--	NA	DRY	--	--	0.00	--
	09/02/04	--	NA	DRY	--	--	--	--
	09/21/04	430.31	NA	DRY	NA	--	0.00	--
	10/18/04	430.31	NA	DRY	--	--	--	--
	11/17/04	430.31	NA	DRY	--	--	--	--
MP-67 C	08/26/04	--	NA	28.93	--	--	--	--
	09/02/04	--	NA	28.53	--	--	--	--
	09/21/04	430.19	NA	29.49	NA	400.70	0.00	400.70
	10/18/04	430.19	NA	30.20	NA	399.99	0.00	399.99
	11/17/04	430.19	NA	30.03	NA	400.16	0.00	400.16

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

Clayton
GROUP SERVICES

APPENDIX A-2

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

TABLE A-2
2004 Groundwater Elevations/Apparent Product Thickness
Wells (P and SP-series) Outside of Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
P-47	01/27/04	428.20	NA	33.53	NA	394.67	0.00	394.67
	04/20/04	428.20	NA	31.90	NA	396.30	0.00	396.30
P-51	01/27/04	426.62	NA	32.25	NA	394.37	0.00	394.37
	04/20/04	426.62	NA	30.57	NA	396.05	0.00	396.05
P-76	01/28/04	433.28	NA	34.54	NA	398.74	0.00	398.74
	04/22/04	433.28	NA	30.24	NA	403.04	0.00	403.04
	07/13/04	433.28	NA	25.57	NA	407.71	0.00	407.71
	10/18/04	433.28	NA	30.88	NA	402.40	0.00	402.40
P-77	01/28/04	434.57	NA	37.61	NA	396.96	0.00	396.96
	04/22/04	434.57	NA	35.83	NA	398.74	0.00	398.74
	07/13/04	434.57	NA	33.00	NA	401.57	0.00	401.57
	10/18/04	434.57	NA	36.15	NA	398.42	0.00	398.42
	11/16/04	434.57	NA	35.91	NA	398.66	0.00	398.66
P-78	01/28/04	433.29	NA	36.08	NA	397.21	0.00	397.21
	04/22/04	433.29	NA	34.24	NA	399.05	0.00	399.05
	07/13/04	433.29	NA	31.75	NA	401.54	0.00	401.54
	10/18/04	433.29	NA	34.85	NA	398.44	0.00	398.44
	11/16/04	433.29	NA	34.56	NA	398.73	0.00	398.73
P-79	01/28/04	432.65	NA	35.44	NA	397.21	0.00	397.21
	04/22/04	432.65	NA	33.69	NA	398.96	0.00	398.96
	07/13/04	432.65	--	--	--	--	--	--
	10/18/04	432.65	NA	34.02	NA	398.63	0.00	398.63
	11/16/04	432.65	NA	33.80	NA	398.85	0.00	398.85
P-80	01/28/04	433.04	NA	35.32	NA	397.72	0.00	397.72
	04/22/04	433.04	NA	33.59	NA	399.45	0.00	399.45
	07/13/04	433.04	NA	30.82	NA	402.22	0.00	402.22
	10/18/04	433.04	NA	34.06	NA	398.98	0.00	398.98
P-81	01/28/04	433.20	NA	34.22	NA	398.98	0.00	398.98
	04/22/04	433.20	NA	32.42	NA	400.78	0.00	400.78
	07/13/04	433.20	NA	29.58	NA	403.62	0.00	403.62
	10/18/04	433.20	30.19	30.52	403.01	402.68	0.33	402.92
	11/16/04	433.20	33.25	33.60	399.95	399.60	0.35	399.86

TABLE A-2
2004 Groundwater Elevations/Apparent Product Thickness
Wells (P and SP-series) Outside of Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
P-104	01/28/04	432.67	NA	14.51	NA	418.16	0.00	418.16
	04/22/04	432.67	NA	13.68	NA	418.99	0.00	418.99
	07/13/04	432.67	NA	11.99	NA	420.68	0.00	420.68
	10/18/04	432.67	NA	17.67	NA	415.00	0.00	415.00
P-105	01/28/04	432.54	NA	31.24	NA	401.30	0.00	401.30
	04/22/04	432.54	NA	30.23	NA	402.31	0.00	402.31
	07/13/04	432.54	NA	27.65	NA	404.89	0.00	404.89
	**10/18/04	432.54	NA	30.73	NA	401.81	0.00	401.81
	11/16/04	432.54	NA	30.75	NA	401.79	0.00	401.79
P-106	01/28/04	432.64	NA	35.31	NA	397.33	0.00	397.33
	04/22/04	432.64	NA	33.44	NA	399.20	0.00	399.20
	07/13/04	432.64	NA	30.55	NA	402.09	0.00	402.09
	10/18/04	432.64	NA	33.95	NA	398.69	0.00	398.69
	11/16/04	432.64	NA	33.71	NA	398.93	0.00	398.93
P-107	01/28/04	431.83	NA	29.12	NA	402.71	0.00	402.71
	04/22/04	431.83	NA	27.82	NA	404.01	0.00	404.01
	07/13/04	431.83	NA	24.47	NA	407.36	0.00	407.36
	10/18/04	431.83	NA	29.71	NA	402.12	0.00	402.12
	11/16/04	431.83	NA	29.35	NA	402.48	0.00	402.48
P-129	01/28/04	433.23	NA	34.32	NA	398.91	0.00	398.91
	07/13/04	433.23	--	--	--	--	--	--
	10/18/04	433.23	--	--	--	--	--	--
P-130	01/28/04	431.67	--	--	--	--	--	--
	07/13/04	431.67	NA	11.3	NA	420.37	0.00	420.37
	10/18/04	431.67	--	--	--	--	--	--
P-131	01/28/04	432.54	NA	11.38	NA	421.16	0.00	421.16
	04/22/04	432.54	NA	12.69	NA	419.85	0.00	419.85
	07/13/04	432.54	NA	10.01	NA	422.53	0.00	422.53
	10/18/04	432.54	NA	18.57	NA	413.97	0.00	413.97
P-132	01/28/04	432.08	NA	28.53	NA	403.55	0.00	403.55
	04/22/04	432.08	NA	27.57	NA	404.51	0.00	404.51
	07/13/04	432.08	NA	23.95	NA	408.13	0.00	408.13
	10/18/04	432.08	NA	29.66	NA	402.42	0.00	402.42

TABLE A-2
2004 Groundwater Elevations/Apparent Product Thickness
Wells (P and SP-series) Outside of Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
P-133	01/28/04	430.94	NA	13.57	NA	417.37	0.00	417.37
	04/22/04	430.94	NA	18.18	NA	412.76	0.00	412.76
	07/13/04	430.94	NA	13.95	NA	416.99	0.00	416.99
	10/18/04	430.94	NA	21.88	NA	409.06	0.00	409.06
P-134	01/28/04	432.46	NA	11.86	NA	420.60	0.00	420.60
	04/22/04	432.46	NA	12.63	NA	419.83	0.00	419.83
	07/13/04	432.46	NA	10.62	NA	421.84	0.00	421.84
	10/18/04	432.46	NA	17.55	NA	414.91	0.00	414.91
SP-1	01/28/04	429.00	--	--	--	--	--	--
	04/22/04	429.00	NA	10.53	NA	418.47	0.00	418.47
	07/13/04	429.00	NA	7.41	NA	421.59	0.00	421.59
	10/18/04	429.00	NA	13.80	NA	415.20	0.00	415.20
SP-2B	01/28/04	429.10	NA	26.66	NA	402.44	0.00	402.44
	04/22/04	429.10	NA	25.76	NA	403.34	0.00	403.34
	07/13/04	429.10	NA	21.58	NA	407.52	0.00	407.52
	10/18/04	429.10	NA	27.52	NA	401.58	0.00	401.58
	11/16/04	429.10	NA	26.36	NA	402.74	0.00	402.74
SP-3	01/28/04	--	NA	9.91	NA	--	0.00	--
	04/22/04	--	NA	12.87	NA	--	0.00	--
	07/13/04	--	NA	10.23	NA	--	0.00	--
	10/18/04	--	NA	15.73	NA	--	0.00	--
SP-5	01/28/04	431.22	NA	10.01	NA	421.21	0.00	421.21
	04/22/04	431.22	NA	12.66	NA	418.56	0.00	418.56
	07/13/04	431.22	NA	8.59	NA	422.63	0.00	422.63
	10/18/04	431.22	NA	17.40	NA	413.82	0.00	413.82
	11/16/04	431.22	NA	11.83	NA	419.39	0.00	419.39
SP-6	01/28/04	433.03	NA	10.56	NA	422.47	0.00	422.47
	04/22/04	433.03	NA	12.62	NA	420.41	0.00	420.41
	07/13/04	433.03	NA	10.54	NA	422.49	0.00	422.49
	10/18/04	433.03	NA	16.84	NA	416.19	0.00	416.19
	11/16/04	433.03	NA	11.68	NA	421.35	0.00	421.35
SP-7	01/28/04	428.99	NA	8.47	NA	420.52	0.00	420.52
	04/22/04	428.99	NA	10.16	NA	418.83	0.00	418.83
	07/13/04	428.99	NA	7.00	NA	421.99	0.00	421.99
	10/18/04	428.99	NA	14.53	NA	414.46	0.00	414.46

TABLE A-2
2004 Groundwater Elevations/Apparent Product Thickness
Wells (P and SP-series) Outside of Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-8	01/28/04	429.03	NA	8.28	NA	420.75	0.00	420.75
	04/22/04	429.03	NA	9.52	NA	419.51	0.00	419.51
	07/13/04	429.03	NA	6.8	NA	422.23	0.00	422.23
	10/18/04	429.03	NA	13.97	NA	415.06	0.00	415.06
SP-9	01/28/04	432.62	NA	10.62	NA	422.00	0.00	422.00
	04/22/04	432.62	NA	11.88	NA	420.74	0.00	420.74
	07/13/04	432.62	NA	9.95	NA	422.67	0.00	422.67
	10/18/04	432.62	NA	16.74	NA	415.88	0.00	415.88
	11/16/04	432.62	NA	12.15	NA	420.47	0.00	420.47
SP-10	01/28/04	432.59	NA	10.75	NA	421.84	0.00	421.84
	04/22/04	432.59	NA	11.56	NA	421.03	0.00	421.03
	07/13/04	432.59	NA	9.40	NA	423.19	0.00	423.19
	**10/18/04	432.59	NA	16.80	NA	415.79	0.00	415.79
	11/16/04	432.59	NA	12.27	NA	420.32	0.00	420.32
SP-11	01/28/04	432.41	NA	10.27	NA	422.14	0.00	422.14
	04/22/04	432.41	NA	12.58	NA	419.83	0.00	419.83
	07/13/04	432.41	NA	10.27	NA	422.14	0.00	422.14
	10/18/04	432.41	NA	15.22	NA	417.19	0.00	417.19
	11/16/04	432.41	NA	11.49	NA	420.92	0.00	420.92
SP-12	01/28/04	432.35	NA	29.61	NA	402.74	0.00	402.74
	04/22/04	432.35	NA	28.68	NA	403.67	0.00	403.67
	07/13/04	432.35	NA	24.76	NA	407.59	0.00	407.59
	10/18/04	432.35	NA	30.52	NA	401.83	0.00	401.83
SP-13	01/28/04	432.48	NA	33.82	NA	398.66	0.00	398.66
	04/22/04	432.48	NA	33.16	NA	399.32	0.00	399.32
	07/13/04	432.48	NA	30.13	NA	402.35	0.00	402.35
	10/18/04	432.48	NA	33.97	NA	398.51	0.00	398.51
SP-14	01/28/04	428.92	NA	28.51	NA	400.41	0.00	400.41
	04/22/04	428.92	NA	27.02	NA	401.90	0.00	401.90
	07/13/04	428.92	NA	--	--	--	--	--
	10/18/04	428.92	NA	28.45	NA	400.47	0.00	400.47
SP-15	01/28/04	428.69	NA	9.18	NA	419.51	0.00	419.51
	04/22/04	428.69	NA	10.87	NA	417.82	0.00	417.82
	07/13/04	428.69	NA	7.01	NA	421.68	0.00	421.68
	10/18/04	428.69	NA	15.50	NA	413.19	0.00	413.19

TABLE A-2
2004 Groundwater Elevations/Apparent Product Thickness
Wells (P and SP-series) Outside of Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-16	01/28/04	429.38	NA	8.91	NA	420.47	0.00	420.47
	04/22/04	429.38	NA	11.24	NA	418.14	0.00	418.14
	07/13/04	429.38	NA	7.50	NA	421.88	0.00	421.88
	10/18/04	429.38	NA	15.86	NA	413.52	0.00	413.52
SP-17	01/28/04	428.19	NA	9.06	NA	419.13	0.00	419.13
	04/22/04	428.19	NA	9.72	NA	418.47	0.00	418.47
	07/13/04	428.19	NA	6.43	NA	421.76	0.00	421.76
	10/18/04	428.19	NA	15.14	NA	413.05	0.00	413.05
SP-18	01/28/04	431.07	NA	31.43	NA	399.64	0.00	399.64
	04/22/04	431.07	NA	30.27	NA	400.80	0.00	400.80
	07/13/04	431.07	NA	26.53	NA	404.54	0.00	404.54
	10/18/04	431.07	NA	31.16	NA	399.91	0.00	399.91
SP-19	01/28/04	430.89	NA	13.95	NA	416.94	0.00	416.94
	04/22/04	430.89	NA	15.8	NA	415.09	0.00	415.09
	07/13/04	430.89	NA	10.7	NA	420.19	0.00	420.19
	10/18/04	430.89	NA	20.4	NA	410.49	0.00	410.49
	**11/16/04	430.89	NA	14.38	NA	416.51	0.00	416.51
SP-20	01/28/04	431.10	NA	12.42	NA	418.68	0.00	418.68
	04/22/04	431.10	NA	15.32	NA	415.78	0.00	415.78
	07/13/04	431.10	NA	9.79	NA	421.31	0.00	421.31
	10/18/04	431.10	NA	19.71	NA	411.39	0.00	411.39
	11/16/04	431.10	NA	10.48	NA	420.62	0.00	420.62
SP-21	01/28/04	431.65	NA	14.38	NA	417.27	0.00	417.27
	04/22/04	431.65	NA	17.22	NA	414.43	0.00	414.43
	07/13/04	431.65	NA	10.86	NA	420.79	0.00	420.79
	10/18/04	431.65	NA	21.79	NA	409.86	0.00	409.86
	11/16/04	431.65	NA	12.52	NA	419.13	0.00	419.13
SP-22	01/28/04	430.36	NA	9.98	NA	420.38	0.00	420.38
	04/22/04	430.36	NA	12.38	NA	417.98	0.00	417.98
	07/13/04	430.36	NA	8.31	NA	422.05	0.00	422.05
	10/18/04	430.36	NA	16.84	NA	413.52	0.00	413.52
	11/16/04	430.36	NA	10.78	NA	419.58	0.00	419.58

TABLE A-2
2004 Groundwater Elevations/Apparent Product Thickness
Wells (P and SP-series) Outside of Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-23	01/28/04	430.67	NA	10.19	NA	420.48	0.00	420.48
	04/22/04	430.67	NA	13.24	NA	417.43	0.00	417.43
	07/13/04	430.67	NA	8.68	NA	421.99	0.00	421.99
	10/18/04	430.67	NA	18.02	NA	412.65	0.00	412.65
	11/16/04	430.67	NA	10.96	NA	419.71	0.00	419.71
SP-24	01/28/04	428.86	NA	8.29	NA	420.57	0.00	420.57
	04/22/04	428.86	NA	9.98	NA	418.88	0.00	418.88
	07/13/04	428.86	NA	23.03	NA	405.83	0.00	405.83
	10/18/04	428.86	NA	14.41	NA	414.45	0.00	414.45
SP-25	01/28/04	428.61	NA	8.13	NA	420.48	0.00	420.48
	04/22/04	428.61	NA	10.14	NA	418.47	0.00	418.47
	07/13/04	428.61	NA	6.62	NA	421.99	0.00	421.99
	10/18/04	428.61	NA	14.37	NA	414.24	0.00	414.24
	11/16/04	428.61	NA	9.83	NA	418.78	0.00	418.78
SP-26	01/28/04	429.84	NA	9.41	NA	420.43	0.00	420.43
	04/22/04	429.84	NA	11.13	NA	418.71	0.00	418.71
	07/13/04	429.84	NA	7.89	NA	421.95	0.00	421.95
	10/18/04	429.84	NA	15.50	NA	414.34	0.00	414.34
SP-27	01/28/04	431.90	NA	11.28	NA	420.62	0.00	420.62
	04/22/04	431.90	NA	13.50	NA	418.40	0.00	418.40
	07/13/04	431.90	NA	10.38	NA	421.52	0.00	421.52
	10/18/04	431.90	NA	17.65	NA	414.25	0.00	414.25
	11/16/04	431.90	NA	13.45	NA	418.45	0.00	418.45
SP-28	01/28/04	432.19	NA	10.63	NA	421.56	0.00	421.56
	04/22/04	432.19	NA	13.65	NA	418.54	0.00	418.54
	**07/13/04	432.19	NA	11.31	NA	420.88	0.00	420.88
	10/18/04	432.19	NA	16.63	NA	415.56	0.00	415.56
	11/16/04	432.19	NA	12.33	NA	419.86	0.00	419.86
SP-29	01/28/04	431.78	NA	11.16	NA	420.62	0.00	420.62
	04/22/04	431.78	NA	12.44	NA	419.34	0.00	419.34
	07/13/04	431.78	NA	9.58	NA	422.20	0.00	422.20
	10/18/04	431.78	NA	16.88	NA	414.90	0.00	414.90
	11/16/04	431.78	NA	12.56	NA	419.22	0.00	419.22

TABLE A-2
2004 Groundwater Elevations/Apparent Product Thickness
Wells (P and SP-series) Outside of Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-30	01/28/04	431.83	12.05	12.06	419.78	419.77	0.01	419.78
	04/22/04	431.83	NA	14.34	NA	417.49	0.00	417.49
	0713/04	431.83	10.28	10.32	421.55	421.51	0.04	421.54
	10/18/04	431.83	NA	19.15	NA	412.68	0.00	412.68
SP-31	01/28/04	429.77	NA	10.19	NA	419.58	0.00	419.58
	04/22/04	429.77	NA	11.22	NA	418.55	0.00	418.55
	07/13/04	429.77	NA	7.85	NA	421.92	0.00	421.92
	10/18/04	429.77	NA	16.13	NA	413.64	0.00	413.64
	11/16/04	429.77	NA	11.61	NA	418.16	0.00	418.16
SP-32	01/28/04	430.42	NA	10.84	NA	419.58	0.00	419.58
	04/22/04	430.42	NA	12.43	NA	417.99	0.00	417.99
	07/13/04	430.42	NA	8.67	NA	421.75	0.00	421.75
	10/18/04	430.42	NA	17.18	NA	413.24	0.00	413.24
	11/16/04	430.42	NA	12.13	NA	418.29	0.00	418.29
SP-33	01/28/04	430.95	NA	10.52	NA	420.43	0.00	420.43
	04/22/04	430.95	NA	12.85	NA	418.10	0.00	418.10
	07/13/04	430.95	NA	9.16	NA	421.79	0.00	421.79
	10/18/04	430.95	NA	17.43	NA	413.52	0.00	413.52
	11/16/04	430.95	NA	12.46	NA	418.49	0.00	418.49
SP-34	01/28/04	430.12	NA	10.95	NA	419.17	0.00	419.17
	04/22/04	430.12	NA	11.46	NA	418.66	0.00	418.66
	07/13/04	430.12	NA	8.30	NA	421.82	0.00	421.82
	10/18/04	430.12	NA	16.93	NA	413.19	0.00	413.19
	11/16/04	430.12	NA	12.31	NA	417.81	0.00	417.81
SP-35	01/28/04	431.13	NA	10.70	NA	420.43	0.00	420.43
	04/22/04	431.13	NA	12.42	NA	418.71	0.00	418.71
	07/13/04	431.13	NA	9.16	NA	421.97	0.00	421.97
	10/18/04	431.13	NA	16.80	NA	414.33	0.00	414.33
	11/16/04	431.13	NA	12.37	NA	418.76	0.00	418.76
SP-36	01/28/04	429.41	NA	32.50	NA	396.91	0.00	396.91
	04/22/04	429.41	NA	31.02	NA	398.39	0.00	398.39
	07/13/04	429.41	NA	28.19	NA	401.22	0.00	401.22
	10/18/04	429.41	NA	31.00	NA	398.41	0.00	398.41
	11/16/04	429.41	NA	30.90	NA	398.51	0.00	398.51

TABLE A-2
2004 Groundwater Elevations/Apparent Product Thickness
Wells (P and SP-series) Outside of Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation (ft)
SP-37	01/28/04	429.58	NA	24.12	NA	405.46	0.00	405.46
	04/22/04	429.58	NA	25.61	NA	403.97	0.00	403.97
	07/13/04	429.58	NA	19.26	NA	410.32	0.00	410.32
	10/18/04	429.58	NA	28.02	NA	401.56	0.00	401.56
	11/16/04	429.58	NA	24.95	NA	404.63	0.00	404.63
SP-38	01/28/04	430.84	NA	19.38	NA	411.46	0.00	411.46
	04/22/04	430.84	NA	19.96	NA	410.88	0.00	410.88
	07/13/04	430.84	NA	15.47	NA	415.37	0.00	415.37
	10/18/04	430.84	NA	DRY	NA	430.84	0.00	430.84
SP-39	01/28/04	431.92	NA	11.88	NA	420.04	0.00	420.04
	04/22/04	431.92	NA	16.19	NA	415.73	0.00	415.73
	07/13/04	431.92	NA	9.64	NA	422.28	0.00	422.28
	10/18/04	431.92	NA	21.00	NA	410.92	0.00	410.92
	11/16/04	431.92	NA	13.13	NA	418.79	0.00	418.79
SP-40	01/28/04	431.78	NA	28.60	NA	403.18	0.00	403.18
	04/22/04	431.78	NA	28.80	NA	402.98	0.00	402.98
	07/13/04	431.78	NA	23.53	NA	408.25	0.00	408.25
	10/18/04	431.78	NA	31.64	NA	400.14	0.00	400.14
	11/16/04	431.78	NA	28.68	NA	403.10	0.00	403.10
SP-41	01/28/04	431.45	NA	35.33	NA	396.12	0.00	396.12
	04/22/04	431.45	NA	33.97	NA	397.48	0.00	397.48
	07/13/04	431.45	NA	30.60	NA	400.85	0.00	400.85
	10/18/04	431.45	NA	34.03	NA	397.42	0.00	397.42
	11/16/04	431.45	NA	33.62	NA	397.83	0.00	397.83
SP-42	01/28/04	431.71	NA	35.42	NA	396.29	0.00	396.29
	04/22/04	431.71	NA	33.87	NA	397.84	0.00	397.84
	07/13/04	431.71	NA	30.47	NA	401.24	0.00	401.24
	10/18/04	431.71	NA	34.15	NA	397.56	0.00	397.56
	11/16/04	431.71	NA	33.70	NA	398.01	0.00	398.01
SP-43	01/28/04	431.74	NA	29.61	NA	402.13	0.00	402.13
	04/22/04	431.74	NA	27.72	NA	404.02	0.00	404.02
	07/13/04	431.74	NA	21.00	NA	410.74	0.00	410.74
	10/18/04	431.74	NA	30.86	NA	400.88	0.00	400.88
	11/16/04	431.74	NA	26.66	NA	405.08	0.00	405.08

TABLE A-2
2004 Groundwater Elevations/Apparent Product Thickness
Wells (P and SP-series) Outside of Hartford, Illinois

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SP-44	01/28/04	431.83	NA	14.11	NA	417.72	0.00	417.72
	04/22/04	431.83	NA	17.20	NA	414.63	0.00	414.63
	**07/13/04	431.83	10.38	10.61	421.45	421.22	0.23 [2]	421.39
	10/18/04	431.83	NA	DRY	NA	431.83	0.00	431.83

NOTES:

NA = Not Applicable
-- = No data
** Depth to water anomaly
SG = Specific gravity of hydrocarbon assumed to be 0.74 by others.
[1] Piezometric surface elevation = [(A)-(C)]+S.G.[(C)-(B)]
[2] Followup checking found that this reading was in error. There was no FPH detected in this well.
Well SP-4 no longer exists.

TOC elevations (except for SP-42, SP-43, & SP-44) have been rotated and adjusted to match USGS datum (datum used to survey Village wells). This rotation and adjustment of original survey data (obtained in 7/01 by CMT, Inc.) was completed in 1/04 by CMT. TOC elevations for SP-42, SP-43, and SP-44 were surveyed to USGS datum in 12/03 by CMT.

APPENDIX A-3

GROUNDWATER ELEVATIONS/APPARENT PRODUCT THICKNESS – PREMCOR FACILITY, 2004

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-1	01/27/04	430.22	NA	31.13	NA	399.09	0	399.09
	04/20/04	430.22	NA	29.29	NA	400.93	0	400.93
	05/27/04	430.22	--	--	--	--	--	--
	06/03/04	430.22	--	--	--	--	--	--
	06/10/04	430.22	--	--	--	--	--	--
	06/17/04	430.22	NA	27.84	NA	402.38	0	402.38
	06/23/04	430.22	27.12	27.13	403.1	403.09	0.01	403.10
	06/30/04	430.22	--	--	--	--	--	--
	07/08/04	430.22	NA	26.84	NA	403.38	0	403.38
	07/13/04	430.22	NA	27.00	NA	403.22	0	403.22
	07/20/04	430.22	NA	27.59	NA	402.63	0	402.63
	07/28/04	430.22	NA	28.32	NA	401.90	0	401.90
	08/03/04	430.22	NA	28.21	NA	402.01	0	402.01
	08/11/04	430.22	NA	28.34	NA	401.88	0	401.88
	08/17/04	430.22	NA	28.67	NA	401.55	0	401.55
	08/27/04	430.22	NA	29.38	NA	400.84	0	400.84
	09/02/04	430.22	NA	29.15	NA	401.07	0	401.07
	09/21/04	430.22	NA	29.92	NA	400.30	0	400.30
	10/19/04	430.22	NA	30.54	NA	399.68	0	399.68
	11/15/04	430.22	NA	30.57	NA	399.65	0	399.65
TH2-88 @P7 Well	01/27/04	--	NA	31.04	NA	--	--	--
	04/20/04	--	NA	29.84	NA	--	--	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	NA	29.89	NA	--	--	--
	06/10/04	--	NA	29.54	NA	--	--	--
	06/17/04	--	NA	29.04	NA	--	--	--
	06/23/04	--	NA	28.77	NA	--	--	--
	06/30/04	--	NA	28.44	NA	--	--	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	NA	28.28	NA	--	--	--
	07/20/04	--	NA	28.32	NA	--	--	--
	07/28/04	--	NA	28.69	NA	--	--	--
	08/03/04	--	NA	28.84	NA	--	--	--
	08/11/04	--	NA	29.10	NA	--	--	--
	08/18/04	--	NA	29.47	NA	--	--	--
	08/27/04	--	NA	29.74	NA	--	0	--
	09/02/04	--	NA	28.99	NA	--	0	--
	09/21/04	--	NA	30.06	NA	--	0	--
	10/20/04	--	NA	30.66	NA	--	0	--
	11/15/04	--	NA	30.69	NA	--	0	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-08P	01/28/04	433.43	23.89	23.90	409.54	409.53	0.01	409.54
	04/20/04	433.43	23.64	23.65	409.79	409.78	0.01	409.79
	05/27/04	433.43	--	--	--	--	--	--
	06/03/04	433.43	--	--	--	--	--	--
	06/10/04	433.43	--	--	--	--	--	--
	06/17/04	433.43	--	--	--	--	--	--
	06/23/04	433.43	28.70	29.27	404.73	404.16	0.57	404.60
	06/30/04	433.43	NA	22.65	NA	410.78	0	410.78
	07/08/04	433.43	--	--	--	--	--	--
	07/14/04	433.43	NA	22.41	NA	411.02	0	411.02
	07/20/04	433.43	--	--	--	--	--	--
	07/28/04	433.43	--	--	--	--	--	--
	08/03/04	433.43	--	--	--	--	--	--
	08/11/04	433.43	NA	23.12	NA	410.31	0	410.31
	08/18/04	433.43	30.27	30.71	403.16	402.72	0.44	403.06
	08/27/04	433.43	30.75	31.08	402.68	402.35	0.33	402.61
	09/02/04	433.43	30.45	31.02	402.98	402.41	0.57	402.85
	09/21/04	433.43	31.26	31.64	402.17	401.79	0.38	402.09
	10/19/04	433.43	31.93	32.48	401.5	400.95	0.55	401.38
	11/15/04	433.43	31.67	31.75	401.76	401.68	0.08	401.74
RB-08 Recovery Well	01/28/04	--	32.51	33.32	--	--	0.81	--
	04/20/04	--	30.84	31.16	--	--	0.32	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	22.53	22.54	--	--	0.01	--
	06/30/04	--	28.55	29.27	--	--	0.72	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	28.89	29.38	--	--	0.49	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	29.90	30.40	--	--	0.5	--
	08/18/04	--	NA	23.52	--	--	0	--
	08/27/04	--	NA	23.56	--	--	0	--
	09/02/04	--	NA	23.58	--	--	0	--
	09/21/04	--	NA	23.98	--	--	0	--
	10/19/04	--	NA	24.46	--	--	0	--
	11/15/04	--	NA	23.74	--	--	0	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-10*	01/28/04	430.03	31.02	31.25	399.01	398.78	0.23	398.96
	04/21/04	430.03	29.97	30.24	400.06	399.79	0.27	400.00
	05/27/04	430.03	--	--	--	--	--	--
	06/03/04	430.03	--	--	--	--	--	--
	06/10/04	430.03	--	--	--	--	--	--
	06/17/04	430.03	--	--	--	--	--	--
	06/23/04	430.03	--	--	--	--	--	--
	06/30/04	430.03	27.64	29.45	402.39	400.58	1.81	401.99
	07/08/04	430.03	--	--	--	--	--	--
	07/14/04	430.03	--	--	--	--	--	--
	07/20/04	430.03	--	--	--	--	--	--
	07/28/04	430.03	--	--	--	--	--	--
	08/03/04	430.03	--	--	--	--	--	--
	08/11/04	430.03	--	--	--	--	--	--
	08/19/04	430.03	--	--	--	--	--	--
	08/27/04	430.03	--	--	--	--	--	--
	09/02/04	430.03	--	--	--	--	--	--
	09/21/04	430.03	--	--	--	--	--	--
	10/19/04	430.03	30.09	32.96	399.94	397.07	2.87	399.31
	11/15/04	430.03	--	--	--	--	--	--
RB-13	01/27/04	--	NA	30.52	NA	--	0	--
	04/21/04	--	NA	29.20	NA	--	0	--
	05/27/04	--	NA	29.34	NA	--	0	--
	06/03/04	--	NA	29.69	NA	--	0	--
	06/10/04	--	NA	28.82	NA	--	0	--
	06/17/04	--	NA	28.47	NA	--	0	--
	06/23/04	--	NA	28.08	NA	--	0	--
	06/30/04	--	NA	27.58	NA	--	0	--
	07/08/04	--	NA	27.11	NA	--	0	--
	07/14/04	--	NA	27.13	NA	--	0	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	NA	27.62	NA	--	0	--
	08/03/04	--	NA	27.67	NA	--	0	--
	08/11/04	--	NA	28.07	NA	--	0	--
	08/18/04	--	NA	28.08	NA	--	0	--
	08/27/04	--	NA	28.75	NA	--	0	--
	09/02/04	--	NA	28.95	NA	--	0	--
	09/21/04	--	NA	29.38	NA	--	0	--
	10/19/04	--	NA	29.96	NA	--	0	--
	11/15/04	--	NA	30.97	NA	--	0	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-22	01/28/04	431.01	NA	31.02	NA	399.99	0	399.99
	04/21/04	431.01	NA	29.86	NA	401.15	0	401.15
	05/27/04	431.01	NA	30.22	NA	400.79	0	400.79
	06/03/04	431.01	NA	29.60	NA	401.41	0	401.41
	06/10/04	431.01	28.91	28.92	402.1	402.09	0.01	402.10
	06/17/04	431.01	--	--	--	--	--	--
	06/23/04	431.01	NA	28.15	NA	402.86	0	402.86
	06/30/04	431.01	NA	27.78	NA	403.23	0	403.23
	07/08/04	431.01	--	--	--	--	--	--
	07/14/04	431.01	NA	27.57	NA	403.44	0	403.44
	07/21/04	431.01	27.55	27.70	403.46	403.31	0.15	403.43
	07/29/04	431.01	NA	28.09	NA	402.92	0	402.92
	08/04/04	431.01	NA	28.51	NA	402.50	0	402.50
	08/11/04	431.01	NA	28.78	NA	402.23	0	402.23
	08/19/04	431.01	NA	29.18	NA	401.83	0	401.83
	08/27/04	431.01	NA	29.50	NA	401.51	0	401.51
	09/02/04	431.01	NA	29.37	NA	401.64	0	401.64
	09/22/04	431.01	NA	29.92	NA	401.09	0	401.09
	10/20/04	431.01	NA	30.61	NA	400.40	0	400.40
	11/15/04	431.01	NA	30.69	NA	400.32	0	400.32
RB-25	01/27/04	432.11	NA	31.84	NA	400.27	0	400.27
	04/20/04	432.11	NA	31.95	NA	400.16	0	400.16
	05/27/04	432.11	32.10	32.11	400.01	400.00	0.01	400.01
	06/03/04	432.11	NA	31.44	NA	400.67	0	400.67
	06/10/04	432.11	30.48	30.49	401.63	401.62	0.01	401.63
	06/17/04	432.11	NA	30.50	NA	401.61	0	401.61
	06/23/04	432.11	NA	29.79	NA	402.32	0	402.32
	06/30/04	432.11	NA	29.50	NA	402.61	0	402.61
	07/08/04	432.11	NA	29.89	NA	402.22	0	402.22
	07/14/03	432.11	NA	30.15	NA	401.96	0	401.96
	07/20/04	432.11	NA	30.31	NA	401.80	0	401.80
	07/28/04	432.11	NA	30.85	NA	401.26	0	401.26
	08/03/04	432.11	NA	30.85	NA	401.26	0	401.26
	08/11/04	432.11	NA	31.16	NA	400.95	0	400.95
	08/17/04	432.11	NA	31.39	NA	400.72	0	400.72
	08/27/04	432.11	NA	32.02	NA	400.09	0	400.09
	09/02/04	432.11	NA	31.44	NA	400.67	0	400.67
	09/21/04	432.11	NA	32.31	NA	399.80	0	399.80
	10/20/04	432.11	NA	33.15	NA	398.96	0	398.96
	11/15/04	432.11	NA	32.87	NA	399.24	0	399.24

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-26	01/27/04	430.03	NA	31.41	NA	398.62	0	398.62
	04/20/04	430.03	NA	29.73	NA	400.30	0	400.30
	05/27/04	430.03	NA	30.40	NA	399.63	0	399.63
	06/03/04	430.03	NA	29.61	NA	400.42	0	400.42
	06/10/04	430.03	NA	28.69	NA	401.34	0	401.34
	06/17/04	430.03	--	--	--	--	--	--
	06/23/04	430.03	NA	28.10	NA	401.93	0	401.93
	06/30/04	430.03	NA	27.77	NA	402.26	0	402.26
	07/08/04	430.03	27.97	27.97	402.06	402.06	0	402.06
	07/14/04	430.03	NA	28.20	NA	401.83	0	401.83
	07/20/04	430.03	NA	28.33	NA	401.70	0	401.70
	07/28/04	430.03	NA	28.84	NA	401.19	0	401.19
	08/03/04	430.03	NA	28.81	NA	401.22	0	401.22
	08/11/04	430.03	NA	29.11	NA	400.92	0	400.92
	08/18/04	430.03	NA	29.53	NA	400.50	0	400.50
	08/27/04	430.03	NA	29.91	NA	400.12	0	400.12
	09/02/04	430.03	NA	29.45	NA	400.58	0	400.58
	09/21/04	430.03	NA	30.20	NA	399.83	0	399.83
	10/20/04	430.03	NA	30.96	NA	399.07	0	399.07
	11/15/04	430.03	NA	30.76	NA	399.27	0	399.27
RB-29	01/28/04	431.89	13.70	13.88	418.19	418.01	0.18	418.15
	04/20/04	431.89	13.61	13.74	418.28	418.15	0.13	418.25
	05/27/04	431.89	--	--	--	--	--	--
	06/03/04	431.89	--	--	--	--	--	--
	06/10/04	431.89	--	--	--	--	--	--
	06/17/04	431.89	12.76	12.90	419.13	418.99	0.14	419.10
	06/23/04	431.89	12.50	12.61	419.39	419.28	0.11	419.37
	06/30/04	431.89	NA	12.17	NA	419.72	0	419.72
	07/08/04	431.89	12.43	12.62	419.46	419.27	0.19	419.42
	07/14/04	431.89	12.43	12.60	419.46	419.29	0.17	419.42
	07/20/04	431.89	12.69	12.85	419.2	419.04	0.16	419.16
	**7/28/04	431.89	NA	13.22	NA	418.67	0	418.67
	08/03/04	431.89	12.78	12.94	419.11	418.95	0.16	419.07
	08/11/04	431.89	12.69	12.85	419.2	419.04	0.16	419.16
	08/17/04	431.89	12.81	12.97	419.08	418.92	0.16	419.04
	08/27/04	431.89	13.08	13.26	418.81	418.63	0.18	418.77
	09/02/04	431.89	12.97	13.11	418.92	418.78	0.14	418.89
	09/21/04	431.89	13.50	13.65	418.39	418.24	0.15	418.36
	10/18/04	431.89	13.96	14.07	417.93	417.82	0.11	417.91
	11/15/04	431.89	13.54	13.66	418.35	418.23	0.12	418.32

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-30	01/28/04	431.89	NA	32.30	NA	399.59	0	399.59
	04/20/04	431.89	NA	31.26	NA	400.63	0	400.63
	05/27/04	431.89	NA	31.44	NA	400.45	0	400.45
	06/03/04	431.89	NA	31.40	NA	400.49	0	400.49
	06/10/04	431.89	NA	30.76	NA	401.13	0	401.13
	06/17/04	431.89	NA	30.64	NA	401.25	0	401.25
	06/23/04	431.89	NA	30.38	NA	401.51	0	401.51
	06/30/04	431.89	NA	29.92	NA	401.97	0	401.97
	07/08/04	431.89	NA	29.93	NA	401.96	0	401.96
	07/14/04	431.89	NA	29.90	NA	401.99	0	401.99
	07/20/04	431.89	NA	29.96	NA	401.93	0	401.93
	07/28/04	431.89	NA	27.38	NA	404.51	0	404.51
	08/03/04	431.89	NA	30.34	NA	401.55	0	401.55
	08/11/04	431.89	NA	30.51	NA	401.38	0	401.38
	08/17/04	431.89	NA	30.54	NA	401.35	0	401.35
	08/27/04	431.89	NA	30.99	NA	400.90	0	400.90
	09/02/04	431.89	NA	30.93	NA	400.96	0	400.96
	09/21/04	431.89	NA	31.33	NA	400.56	0	400.56
	10/18/04	431.89	NA	31.64	NA	400.25	0	400.25
	11/15/04	431.89	NA	31.96	NA	399.93	0	399.93
RB-35	01/28/04	429.85	29.10	29.54	400.75	400.31	0.44	400.65
	04/21/04	429.85	27.45	28.80	402.4	401.05	1.35	402.10
	05/27/04	429.85	--	--	--	--	--	--
	06/03/04	429.85	--	--	--	--	--	--
	06/10/04	429.85	--	--	--	--	--	--
	06/17/04	429.85	--	--	--	--	--	--
	06/23/04	429.85	--	--	--	--	--	--
	06/30/04	429.85	--	--	--	--	--	--
	07/08/04	429.85	--	--	--	--	--	--
	07/14/04	429.85	--	--	--	--	--	--
	07/20/04	429.85	--	--	--	--	--	--
	07/28/04	429.85	--	--	--	--	--	--
	08/03/04	429.85	--	--	--	--	--	--
	08/11/04	429.85	--	--	--	--	--	--
	08/19/04	429.85	--	--	--	--	--	--
	08/27/04	429.85	--	--	--	--	--	--
	09/02/04	429.85	--	--	--	--	--	--
	09/21/04	429.85	--	--	--	--	--	--
	10/20/04	429.85	28.56	30.48	401.29	399.37	1.92	400.87
	11/15/04	429.85	--	--	--	--	--	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-36	01/28/04	429.16	NA	23.32	NA	405.84	0	405.84
	04/20/04	429.16	NA	21.83	NA	407.33	0	407.33
	05/27/04	429.16	--	--	--	--	--	--
	06/03/04	429.16	--	--	--	--	--	--
	06/10/04	429.16	--	--	--	--	--	--
	06/17/04	429.16	NA	21.02	NA	408.14	0	408.14
	06/23/04	429.16	NA	20.91	NA	408.25	0	408.25
	06/30/04	429.16	--	--	--	--	--	--
	07/08/04	429.16	NA	20.80	NA	408.36	0	408.36
	07/13/04	429.16	NA	20.75	NA	408.41	0	408.41
	07/20/04	429.16	NA	20.79	NA	408.37	0	408.37
	07/28/04	429.16	NA	20.97	NA	408.19	0	408.19
	08/03/04	429.16	NA	20.94	NA	408.22	0	408.22
	08/11/04	429.16	NA	21.05	NA	408.11	0	408.11
	08/17/04	429.16	NA	21.06	NA	408.10	0	408.10
	08/27/04	429.16	NA	21.14	NA	408.02	0	408.02
	09/02/04	429.16	NA	21.25	NA	407.91	0	407.91
	09/21/04	429.16	NA	21.55	NA	407.61	0	407.61
	10/19/04	429.16	NA	22.22	NA	406.94	0	406.94
	11/15/04	429.16	NA	23.03	NA	406.13	0	406.13
RB-37*	01/28/04	428.38	29.32	32.35	399.06	396.03	3.03	398.39
	04/20/04	428.38	27.57	32.11	400.81	396.27	4.54	399.81
	05/27/04	428.38	--	--	--	--	--	--
	06/03/04	428.38	--	--	--	--	--	--
	06/10/04	428.38	--	--	--	--	--	--
	06/17/04	428.38	--	--	--	--	--	--
	06/23/04	428.38	--	--	--	--	--	--
	06/30/04	428.38	--	--	--	--	--	--
	07/08/04	428.38	--	--	--	--	--	--
	07/13/04	428.38	--	--	--	--	--	--
	07/20/04	428.38	--	--	--	--	--	--
	07/28/04	428.38	--	--	--	--	--	--
	08/03/04	428.38	--	--	--	--	--	--
	08/11/04	428.38	--	--	--	--	--	--
	08/17/04	428.38	--	--	--	--	--	--
	08/27/04	428.38	--	--	--	--	--	--
	09/02/04	428.38	--	--	--	--	--	--
	09/21/04	428.38	--	--	--	--	--	--
	10/19/04	428.38	28.45	32.84	399.93	395.54	4.39	398.96
	11/15/04	428.38	--	--	--	--	--	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-38	01/27/04	433.69	NA	35.02	NA	398.67	0	398.67
	04/20/04	433.69	NA	33.94	NA	399.75	0	399.75
	05/27/04	433.69	NA	34.08	NA	399.61	0	399.61
	06/03/04	433.69	NA	34.18	NA	399.51	0	399.51
	06/10/04	433.69	NA	33.55	NA	400.14	0	400.14
	06/17/04	433.69	NA	33.43	NA	400.26	0	400.26
	06/23/04	433.69	NA	33.21	NA	400.48	0	400.48
	06/30/04	433.69	NA	32.85	NA	400.84	0	400.84
	07/08/04	433.69	NA	32.79	NA	400.90	0	400.90
	**7/14/04	433.69	NA	30.70	NA	402.99	0	402.99
	07/20/04	433.69	NA	32.79	NA	400.90	0	400.90
	07/28/04	433.69	NA	33.02	NA	400.67	0	400.67
	08/03/04	433.69	NA	33.05	NA	400.64	0	400.64
	08/11/04	433.69	NA	33.22	NA	400.47	0	400.47
	08/17/04	433.69	NA	33.21	NA	400.48	0	400.48
	08/27/04	433.69	NA	33.68	NA	400.01	0	400.01
	09/02/04	433.69	NA	33.52	NA	400.17	0	400.17
	09/21/04	433.69	NA	33.89	NA	399.80	0	399.80
	10/19/04	433.69	NA	34.49	NA	399.20	0	399.20
	11/15/04	433.69	NA	34.58	NA	399.11	0	399.11
RB-39	01/27/04	431.48	NA	26.90	NA	404.58	0	404.58
	04/20/04	431.48	NA	25.83	NA	405.65	0	405.65
	05/27/04	431.48	NA	24.46	NA	407.02	0	407.02
	06/03/04	431.48	NA	23.73	NA	407.75	0	407.75
	06/10/04	431.48	NA	23.38	NA	408.10	0	408.10
	06/17/04	431.48	NA	23.91	NA	407.57	0	407.57
	06/23/04	431.48	NA	22.51	NA	408.97	0	408.97
	06/30/04	431.48	NA	22.64	NA	408.84	0	408.84
	07/08/04	431.48	NA	22.87	NA	408.61	0	408.61
	07/14/04	431.48	NA	23.40	NA	408.08	0	408.08
	07/20/04	431.48	NA	24.11	NA	407.37	0	407.37
	07/28/04	431.48	NA	25.14	NA	406.34	0	406.34
	08/03/04	431.48	NA	25.14	NA	406.34	0	406.34
	08/11/04	431.48	NA	25.57	NA	405.91	0	405.91
	08/17/04	431.48	NA	25.91	NA	405.57	0	405.57
	08/27/04	431.48	NA	26.89	NA	404.59	0	404.59
	09/02/04	431.48	NA	26.98	NA	404.50	0	404.50
	09/21/04	431.48	NA	27.98	NA	403.50	0	403.50
	10/19/04	431.48	NA	28.93	NA	402.55	0	402.55
	11/15/04	431.48	NA	28.77	NA	402.71	0	402.71

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-40	01/27/04	433.50	NA	34.12	NA	399.38	0	399.38
	04/20/04	433.50	NA	33.51	NA	399.99	0	399.99
	05/27/04	433.50	NA	33.57	NA	399.93	0	399.93
	06/03/04	433.50	NA	33.73	NA	399.77	0	399.77
	06/10/04	433.50	NA	33.30	NA	400.20	0	400.20
	06/17/04	433.50	NA	33.21	NA	400.29	0	400.29
	06/23/04	433.50	NA	33.08	NA	400.42	0	400.42
	06/30/04	433.50	NA	32.70	NA	400.80	0	400.80
	07/08/04	433.50	NA	32.68	NA	400.82	0	400.82
	07/13/04	433.50	NA	32.60	NA	400.90	0	400.90
	07/20/04	433.50	NA	32.59	NA	400.91	0	400.91
	07/28/04	433.50	NA	32.74	NA	400.76	0	400.76
	08/03/04	433.50	NA	32.78	NA	400.72	0	400.72
	08/11/04	433.50	NA	32.90	NA	400.60	0	400.60
	08/17/04	433.50	NA	32.87	NA	400.63	0	400.63
	08/27/04	433.50	NA	33.22	NA	400.28	0	400.28
	09/02/04	433.50	NA	33.18	NA	400.32	0	400.32
	09/21/04	433.50	NA	33.43	NA	400.07	0	400.07
	10/19/04	433.50	NA	33.93	NA	399.57	0	399.57
	11/15/04	433.50	NA	34.07	NA	399.43	0	399.43
RB-41	01/27/04	433.24	NA	33.72	NA	399.52	0	399.52
	04/20/04	433.24	NA	33.34	NA	399.90	0	399.90
	05/27/04	433.24	NA	33.48	NA	399.76	0	399.76
	06/03/04	433.24	NA	33.66	NA	399.58	0	399.58
	06/10/04	433.24	NA	33.32	NA	399.92	0	399.92
	06/17/04	433.24	NA	33.30	NA	399.94	0	399.94
	06/23/04	433.24	NA	33.22	NA	400.02	0	400.02
	06/30/04	433.24	NA	32.94	NA	400.30	0	400.30
	07/08/04	433.24	NA	32.89	NA	400.35	0	400.35
	07/13/04	433.24	NA	32.75	NA	400.49	0	400.49
	07/20/04	433.24	NA	32.80	NA	400.44	0	400.44
	07/28/04	433.24	NA	32.91	NA	400.33	0	400.33
	08/03/04	433.24	NA	32.89	NA	400.35	0	400.35
	08/11/04	433.24	NA	32.99	NA	400.25	0	400.25
	08/17/04	433.24	NA	32.94	NA	400.30	0	400.30
	08/27/04	433.24	NA	33.25	NA	399.99	0	399.99
	09/02/04	433.24	NA	33.22	NA	400.02	0	400.02
	09/21/04	433.24	NA	33.40	NA	399.84	0	399.84
	10/19/04	433.24	NA	33.79	NA	399.45	0	399.45
	11/15/04	433.24	NA	33.91	NA	399.33	0	399.33

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-42	01/27/04	428.45	NA	28.33	NA	400.12	0	400.12
	04/20/04	428.45	NA	28.27	NA	400.18	0	400.18
	05/27/04	428.45	NA	28.29	NA	400.16	0	400.16
	06/03/04	428.45	NA	28.52	NA	399.93	0	399.93
	06/10/04	428.45	NA	28.24	NA	400.21	0	400.21
	06/17/04	428.45	NA	28.30	NA	400.15	0	400.15
	06/23/04	428.45	NA	28.21	NA	400.24	0	400.24
	06/30/04	428.45	NA	28.07	NA	400.38	0	400.38
	07/08/04	428.45	NA	28.09	NA	400.36	0	400.36
	07/13/04	428.45	NA	28.00	NA	400.45	0	400.45
	07/20/04	428.45	NA	28.02	NA	400.43	0	400.43
	07/28/04	428.45	NA	28.11	NA	400.34	0	400.34
	08/03/04	428.45	NA	28.02	NA	400.43	0	400.43
	08/11/04	428.45	NA	28.13	NA	400.32	0	400.32
	08/17/04	428.45	NA	28.10	NA	400.35	0	400.35
	08/27/04	428.45	NA	28.38	NA	400.07	0	400.07
	09/02/04	428.45	NA	28.33	NA	400.12	0	400.12
	09/21/04	428.45	NA	28.48	NA	399.97	0	399.97
	10/18/04	428.45	NA	28.51	NA	399.94	0	399.94
	11/15/04	428.45	NA	28.80	NA	399.65	0	399.65
RB-43	01/27/04	427.95	NA	25.54	NA	402.41	0	402.41
	04/20/04	427.95	NA	25.85	NA	402.10	0	402.10
	05/27/04	427.95	NA	25.48	NA	402.47	0	402.47
	06/03/04	427.95	NA	25.45	NA	402.50	0	402.50
	06/10/04	427.95	NA	25.36	NA	402.59	0	402.59
	06/17/04	427.95	NA	25.09	NA	402.86	0	402.86
	06/23/04	427.95	NA	25.25	NA	402.70	0	402.70
	06/30/04	427.95	NA	25.15	NA	402.80	0	402.80
	07/08/04	427.95	NA	25.17	NA	402.78	0	402.78
	07/13/04	427.95	NA	25.00	NA	402.95	0	402.95
	07/20/04	427.95	NA	25.18	NA	402.77	0	402.77
	07/28/04	427.95	NA	25.34	NA	402.61	0	402.61
	08/03/04	427.95	NA	25.18	NA	402.77	0	402.77
	08/11/04	427.95	NA	25.24	NA	402.71	0	402.71
	08/17/04	427.95	NA	25.27	NA	402.68	0	402.68
	08/27/04	427.95	NA	25.47	NA	402.48	0	402.48
	09/02/04	427.95	NA	25.46	NA	402.49	0	402.49
	09/21/04	427.95	NA	25.65	NA	402.30	0	402.30
	10/18/04	427.95	NA	25.73	NA	402.22	0	402.22
	11/15/04	427.95	NA	25.89	NA	402.06	0	402.06

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-44	01/27/04	432.95	NA	31.93	NA	401.02	0	401.02
	04/20/04	432.95	NA	30.95	NA	402.00	0	402.00
	05/27/04	432.95	30.54	30.55	402.41	402.40	0.01	402.41
	06/03/04	432.95	NA	30.52	NA	402.43	0	402.43
	06/10/04	432.95	NA	30.33	NA	402.62	0	402.62
	06/17/04	432.95	30.27	30.28	402.68	402.67	0.01	402.68
	06/23/04	432.95	NA	30.02	NA	402.93	0	402.93
	06/30/04	432.95	NA	29.87	NA	403.08	0	403.08
	07/08/04	432.95	NA	29.73	NA	403.22	0	403.22
	07/13/04	432.95	NA	29.60	NA	403.35	0	403.35
	07/20/04	432.95	NA	29.71	NA	403.24	0	403.24
	07/28/04	432.95	NA	29.92	NA	403.03	0	403.03
	08/03/04	432.95	NA	29.83	NA	403.12	0	403.12
	08/11/04	432.95	NA	29.97	NA	402.98	0	402.98
	08/17/04	432.95	NA	30.05	NA	402.90	0	402.90
	08/27/04	432.95	NA	30.33	NA	402.62	0	402.62
	09/02/04	432.95	NA	30.39	NA	402.56	0	402.56
	09/21/04	432.95	NA	30.63	NA	402.32	0	402.32
	10/18/04	432.95	NA	30.97	NA	401.98	0	401.98
	11/15/04	432.95	NA	31.09	NA	401.86	0	401.86
RB-45	01/27/04	431.92	NA	30.41	NA	401.51	0	401.51
	04/20/04	431.92	NA	30.04	NA	401.88	0	401.88
	05/27/04	431.92	29.79	29.80	402.13	402.12	0.01	402.13
	06/03/04	431.92	29.79	29.80	402.13	402.12	0.01	402.13
	06/10/04	431.92	NA	29.45	NA	402.47	0	402.47
	06/17/04	431.92	NA	29.30	NA	402.62	0	402.62
	06/23/04	431.92	NA	29.03	NA	402.89	0	402.89
	06/30/04	431.92	NA	28.82	NA	403.10	0	403.10
	07/08/04	431.92	NA	28.64	NA	403.28	0	403.28
	07/13/04	431.92	NA	28.55	NA	403.37	0	403.37
	07/20/04	431.92	NA	28.63	NA	403.29	0	403.29
	07/28/04	431.92	NA	28.86	NA	403.06	0	403.06
	08/03/04	431.92	NA	28.87	NA	403.05	0	403.05
	08/11/04	431.92	NA	29.03	NA	402.89	0	402.89
	08/17/04	431.92	NA	29.11	NA	402.81	0	402.81
	08/27/04	431.92	NA	29.47	NA	402.45	0	402.45
	09/02/04	431.92	NA	29.47	NA	402.45	0	402.45
	09/21/04	431.92	NA	29.78	NA	402.14	0	402.14
	10/18/04	431.92	NA	30.14	NA	401.78	0	401.78
	11/15/04	431.92	NA	30.41	NA	401.51	0	401.51

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-46	01/28/04	430.62	NA	30.43	NA	400.19	0	400.19
	04/21/04	430.62	NA	29.40	NA	401.22	0	401.22
	05/27/04	430.62	NA	29.51	NA	401.11	0	401.11
	06/03/04	430.62	NA	29.22	NA	401.40	0	401.40
	06/10/04	430.62	NA	28.55	NA	402.07	0	402.07
	06/17/04	430.62	--	--	--	--	--	--
	06/23/04	430.62	NA	27.88	NA	402.74	0	402.74
	06/30/04	430.62	NA	27.51	NA	403.11	0	403.11
	07/08/04	430.62	--	--	--	--	--	--
	07/14/04	430.62	NA	27.29	NA	403.33	0	403.33
	07/21/04	430.62	NA	27.40	NA	403.22	0	403.22
	07/29/04	430.62	NA	27.72	NA	402.90	0	402.90
	08/04/04	430.62	NA	28.04	NA	402.58	0	402.58
	08/11/04	430.62	NA	28.29	NA	402.33	0	402.33
	08/19/04	430.62	NA	28.62	NA	402.00	0	402.00
	08/27/04	430.62	NA	28.94	NA	401.68	0	401.68
	09/02/04	430.62	NA	28.87	NA	401.75	0	401.75
	09/22/04	430.62	NA	29.35	NA	401.27	0	401.27
	10/20/04	430.62	NA	30.02	NA	400.60	0	400.60
	11/15/04	430.62	NA	30.04	NA	400.58	0	400.58
RB-47	01/28/04	431.12	NA	31.18	NA	399.94	0	399.94
	04/21/04	431.12	NA	30.13	NA	400.99	0	400.99
	05/27/04	431.12	NA	30.25	NA	400.87	0	400.87
	06/03/04	431.12	NA	29.90	NA	401.22	0	401.22
	06/10/04	431.12	NA	29.17	NA	401.95	0	401.95
	06/17/04	431.12	--	--	--	--	--	--
	06/23/04	431.12	NA	28.51	NA	402.61	0	402.61
	06/30/04	431.12	NA	28.12	NA	403.00	0	403.00
	07/08/04	431.12	--	--	--	--	--	--
	07/14/04	431.12	NA	27.91	NA	403.21	0	403.21
	07/21/04	431.12	NA	28.10	NA	403.02	0	403.02
	07/29/04	431.12	NA	28.38	NA	402.74	0	402.74
	08/04/04	431.12	NA	28.81	NA	402.31	0	402.31
	08/11/04	431.12	NA	29.04	NA	402.08	0	402.08
	08/19/04	431.12	NA	29.44	NA	401.68	0	401.68
	08/27/04	431.12	NA	29.75	NA	401.37	0	401.37
	09/02/04	431.12	NA	29.63	NA	401.49	0	401.49
	09/22/04	431.12	NA	30.15	NA	400.97	0	400.97
	10/20/04	431.12	NA	30.84	NA	400.28	0	400.28
	11/15/04	431.12	NA	30.79	NA	400.33	0	400.33

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-48*	01/28/04	431.26	29.49	32.56	401.77	398.70	3.07	401.09
	04/21/04	431.26	28.54	30.65	402.72	400.61	2.11	402.26
	05/27/04	431.26	--	--	--	--	--	--
	06/03/04	431.26	--	--	--	--	--	--
	06/10/04	431.26	--	--	--	--	--	--
	06/17/04	431.26	--	--	--	--	--	--
	06/23/04	431.26	--	--	--	--	--	--
	06/30/04	431.26	26.54	26.79	404.72	404.47	0.25	404.67
	07/08/04	431.26	--	--	--	--	--	--
	07/14/04	431.26	--	--	--	--	--	--
	07/20/04	431.26	--	--	--	--	--	--
	07/28/04	431.26	--	--	--	--	--	--
	08/03/04	431.26	--	--	--	--	--	--
	08/11/04	431.26	--	--	--	--	--	--
	08/17/04	431.26	--	--	--	--	--	--
	08/27/04	431.26	--	--	--	--	--	--
	09/02/04	431.26	--	--	--	--	--	--
	09/21/04	431.26	--	--	--	--	--	--
	10/20/04	431.26	28.76	32.39	402.5	398.87	3.63	401.70
	11/15/04	431.26	--	--	--	--	--	--
RB-49	01/28/04	429.31	NA	2.80	NA	426.51	0	426.51
	04/21/04	429.31	NA	3.21	NA	426.10	0	426.10
	05/27/04	429.31	NA	2.35	NA	426.96	0	426.96
	06/03/04	429.31	NA	2.57	NA	426.74	0	426.74
	06/10/04	429.31	NA	2.45	NA	426.86	0	426.86
	06/17/04	429.31	--	--	--	--	--	--
	06/23/04	429.31	NA	2.41	NA	426.90	0	426.90
	06/30/04	429.31	NA	2.68	NA	426.63	0	426.63
	07/08/04	429.31	--	--	--	--	--	--
	07/14/04	429.31	NA	2.70	NA	426.61	0	426.61
	07/21/04	429.31	NA	3.05	NA	426.26	0	426.26
	07/29/04	429.31	NA	3.27	NA	426.04	0	426.04
	08/04/04	429.31	NA	2.63	NA	426.68	0	426.68
	08/11/04	429.31	NA	2.94	NA	426.37	0	426.37
	08/19/04	429.31	NA	3.26	NA	426.05	0	426.05
	08/27/04	429.31	NA	2.72	NA	426.59	0	426.59
	09/02/04	429.31	NA	3.23	NA	426.08	0	426.08
	09/22/04	429.31	NA	4.12	NA	425.19	0	425.19
	10/20/04	429.31	NA	3.59	NA	425.72	0	425.72
	11/15/04	429.31	NA	3.09	NA	426.22	0	426.22

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-50	01/28/04	431.50	NA	4.80	NA	426.70	0	426.70
	04/21/04	431.50	NA	6.08	NA	425.42	0	425.42
	05/27/04	431.50	2.75	2.76	428.75	428.74	0.01	428.75
	06/03/04	431.50	NA	4.06	NA	427.44	0	427.44
	06/10/04	431.50	4.62	4.63	426.88	426.87	0.01	426.88
	06/17/04	431.50	--	--	--	--	--	--
	06/23/04	431.50	4.10	4.11	427.4	427.39	0.01	427.40
	06/30/04	431.50	NA	5.14	NA	426.36	0	426.36
	07/08/04	431.50	--	--	--	--	--	--
	07/14/04	431.50	NA	5.22	NA	426.28	0	426.28
	07/21/04	431.50	NA	6.20	NA	425.30	0	425.30
	07/29/04	431.50	NA	6.70	NA	424.80	0	424.80
	08/04/04	431.50	NA	5.30	NA	426.20	0	426.20
	08/11/04	431.50	NA	5.90	NA	425.60	0	425.60
	0819/04	431.50	NA	6.69	NA	424.81	0	424.81
	08/27/04	431.50	NA	6.10	NA	425.40	0	425.40
	09/02/04	431.50	NA	6.68	NA	424.82	0	424.82
	09/22/04	431.50	NA	7.89	NA	423.61	0	423.61
	10/20/04	431.50	NA	7.61	NA	423.89	0	423.89
	11/15/04	431.50	NA	5.38	NA	426.12	0	426.12
RB-51	01/28/04	431.58	NA	31.01	NA	400.57	0	400.57
	04/21/04	431.58	NA	29.24	NA	402.34	0	402.34
	05/27/04	431.58	NA	28.70	NA	402.88	0	402.88
	06/03/04	431.58	NA	27.78	NA	403.80	0	403.80
	06/10/04	431.58	26.90	26.91	404.68	404.67	0.01	404.68
	06/17/04	431.58	--	--	--	--	--	--
	06/23/04	431.58	25.86	25.87	405.72	405.71	0.01	405.72
	06/30/04	431.58	NA	25.60	NA	405.98	0	405.98
	07/08/04	431.58	--	--	--	--	--	--
	07/14/04	431.58	NA	26.26	NA	405.32	0	405.32
	**7/21/2004	431.58	NA	8.81	NA	422.77	0	422.77
	07/29/04	431.58	NA	27.09	NA	404.49	0	404.49
	08/04/04	431.58	NA	27.45	NA	404.13	0	404.13
	08/11/04	431.58	NA	27.81	NA	403.77	0	403.77
	08/19/04	431.58	NA	28.32	NA	403.26	0	403.26
	08/27/04	431.58	NA	28.75	NA	402.83	0	402.83
	09/02/04	431.58	NA	28.29	NA	403.29	0	403.29
	09/22/04	431.58	NA	29.29	NA	402.29	0	402.29
	10/20/04	431.58	NA	30.10	NA	401.48	0	401.48
	11/15/04	431.58	NA	29.84	NA	401.74	0	401.74

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-52*	01/28/04	432.02	NA	32.96	NA	399.06	0	399.06
	04/21/04	432.02	NA	31.26	NA	400.76	0	400.76
	05/27/04	432.02	--	--	--	--	--	--
	06/03/04	432.02	--	--	--	--	--	--
	06/10/04	432.02	--	--	--	--	--	--
	06/17/04	432.02	--	--	--	--	--	--
	06/23/04	432.02	--	--	--	--	--	--
	07/08/04	432.02	--	--	--	--	--	--
	07/14/04	432.02	--	--	--	--	--	--
	07/20/04	432.02	--	--	--	--	--	--
	07/28/04	432.02	--	--	--	--	--	--
	08/03/04	432.02	--	--	--	--	--	--
	08/11/04	432.02	--	--	--	--	--	--
	08/17/04	432.02	--	--	--	--	--	--
	08/27/04	432.02	--	--	--	--	--	--
	09/02/04	432.02	--	--	--	--	--	--
	09/21/04	432.02	--	--	--	--	--	--
	10/19/04	432.02	32.29	32.51	399.73	399.51	0.22	399.68
	11/15/04	432.02	--	--	--	--	--	--
RB-53*	01/28/04	433.84	34.55	34.56	399.29	399.28	0.01	399.29
	04/20/04	433.84	NA	32.37	NA	401.47	0	401.47
	05/27/04	433.84	--	--	--	--	--	--
	06/03/04	433.84	--	--	--	--	--	--
	06/10/04	433.84	--	--	--	--	--	--
	06/17/04	433.84	--	--	--	--	--	--
	06/23/04	433.84	--	--	--	--	--	--
	06/30/04	433.84	28.40	31.91	405.44	401.93	3.51	404.67
	07/08/04	433.84	--	--	--	--	--	--
	07/14/04	433.84	--	--	--	--	--	--
	07/20/04	433.84	--	--	--	--	--	--
	07/28/04	433.84	--	--	--	--	--	--
	08/03/04	433.84	--	--	--	--	--	--
	08/11/04	433.84	--	--	--	--	--	--
	08/17/04	433.84	--	--	--	--	--	--
	08/27/04	433.84	--	--	--	--	--	--
	09/02/04	433.84	31.81	32.76	402.03	401.08	0.95	401.82
	09/22/04	433.84	32.40	35.50	401.44	398.34	3.1	400.76
	10/19/04	433.84	32.87	35.53	400.97	398.31	2.66	400.38
	11/15/04	433.84	--	--	--	--	--	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-54	01/27/04	431.88	NA	20.11	NA	411.77	0	411.77
	04/20/04	431.88	NA	21.58	NA	410.30	0	410.30
	05/27/04	431.88	NA	17.54	NA	414.34	0	414.34
	06/03/04	431.88	NA	16.62	NA	415.26	0	415.26
	06/10/04	431.88	NA	17.63	NA	414.25	0	414.25
	06/17/04	431.88	NA	16.65	NA	415.23	0	415.23
	06/23/04	431.88	NA	15.17	NA	416.71	0	416.71
	06/30/04	431.88	NA	16.89	NA	414.99	0	414.99
	07/08/04	431.88	NA	15.54	NA	416.34	0	416.34
	07/14/04	431.88	NA	17.15	NA	414.73	0	414.73
	07/20/04	431.88	NA	18.33	NA	413.55	0	413.55
	07/28/04	431.88	NA	19.27	NA	412.61	0	412.61
	08/03/04	431.88	NA	17.55	NA	414.33	0	414.33
	08/11/04	431.88	NA	18.99	NA	412.89	0	412.89
	08/19/04	431.88	NA	19.66	NA	412.22	0	412.22
	08/27/04	431.88	NA	19.37	NA	412.51	0	412.51
	09/02/04	431.88	NA	20.03	NA	411.85	0	411.85
	09/21/04	431.88	NA	21.12	NA	410.76	0	410.76
	10/19/04	431.88	NA	21.94	NA	409.94	0	409.94
	11/15/04	431.88	NA	20.35	NA	411.53	0	411.53
RB-55*	01/28/04	434.21	33.39	33.40	400.82	400.81	0.01	400.82
	04/21/04	434.21	29.97	37.42	404.24	396.79	7.45	402.60
	05/27/04	434.21	--	--	--	--	--	--
	06/03/04	434.21	--	--	--	--	--	--
	06/10/04	434.21	--	--	--	--	--	--
	06/17/04	434.21	--	--	--	--	--	--
	06/23/04	434.21	--	--	--	--	--	--
	07/08/04	434.21	--	--	--	--	--	--
	07/14/04	434.21	--	--	--	--	--	--
	07/20/04	434.21	--	--	--	--	--	--
	07/28/04	434.21	--	--	--	--	--	--
	08/03/04	434.21	--	--	--	--	--	--
	08/11/04	434.21	--	--	--	--	--	--
	08/17/04	434.21	--	--	--	--	--	--
	08/27/04	434.21	--	--	--	--	--	--
	09/02/04	434.21	--	--	--	--	--	--
	09/21/04	434.21	--	--	--	--	--	--
	10/19/04	434.21	31.46	37.59	402.75	396.62	6.13	401.40
	11/15/04	434.21	--	--	--	--	--	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
RB-56*	01/28/04	431.91	32.16	35.64	399.75	396.27	3.48	398.98
	04/21/04	431.91	31.35	33.40	400.56	398.51	2.05	400.11
	05/27/04	431.91	--	--	--	--	--	--
	06/03/04	431.91	--	--	--	--	--	--
	06/10/04	431.91	--	--	--	--	--	--
	06/17/04	431.91	--	--	--	--	--	--
	06/23/04	431.91	--	--	--	--	--	--
	07/08/04	431.91	--	--	--	--	--	--
	07/14/04	431.91	--	--	--	--	--	--
	07/20/04	431.91	--	--	--	--	--	--
	07/28/04	431.91	--	--	--	--	--	--
	08/03/04	431.91	--	--	--	--	--	--
	08/11/04	431.91	--	--	--	--	--	--
	08/17/04	431.91	--	--	--	--	--	--
	08/27/04	431.91	--	--	--	--	--	--
	09/02/04	431.91	--	--	--	--	--	--
	09/21/04	431.91	--	--	--	--	--	--
	10/19/04	431.91	32.39	35.67	399.52	396.24	3.28	398.80
	11/15/04	431.91	--	--	--	--	--	--
GB-1	01/27/04	431.55	NA	29.07	NA	402.48	0	402.48
	04/20/04	431.55	NA	29.41	NA	402.14	0	402.14
	05/27/04	431.55	NA	28.83	NA	402.72	0	402.72
	06/03/04	431.55	NA	28.79	NA	402.76	0	402.76
	06/10/04	431.55	NA	28.76	NA	402.79	0	402.79
	06/17/04	431.55	NA	28.83	NA	402.72	0	402.72
	06/23/04	431.55	NA	28.58	NA	402.97	0	402.97
	06/30/04	431.55	NA	28.51	NA	403.04	0	403.04
	07/08/04	431.55	NA	28.37	NA	403.18	0	403.18
	07/13/04	431.55	NA	28.25	NA	403.30	0	403.30
	07/20/04	431.55	NA	28.43	NA	403.12	0	403.12
	07/28/04	431.55	NA	28.63	NA	402.92	0	402.92
	08/03/04	431.55	NA	28.46	NA	403.09	0	403.09
	08/11/04	431.55	NA	28.57	NA	402.98	0	402.98
	08/17/04	431.55	NA	28.67	NA	402.88	0	402.88
	08/27/04	431.55	NA	28.91	NA	402.64	0	402.64
	09/02/04	431.55	NA	28.92	NA	402.63	0	402.63
	09/21/04	431.55	NA	29.15	NA	402.40	0	402.40
	10/18/04	431.55	NA	29.38	NA	402.17	0	402.17
	11/15/04	431.55	NA	29.31	NA	402.24	0	402.24

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
GB-6	01/27/04	430.53	NA	29.44	NA	401.09	0	401.09
	04/20/04	430.53	NA	29.62	NA	400.91	0	400.91
	05/27/04	430.53	NA	29.38	NA	401.15	0	401.15
	06/03/04	430.53	NA	29.49	NA	401.04	0	401.04
	06/10/04	430.53	NA	29.32	NA	401.21	0	401.21
	06/17/04	430.53	NA	29.40	NA	401.13	0	401.13
	06/23/04	430.53	NA	29.25	NA	401.28	0	401.28
	06/30/04	430.53	NA	28.48	NA	402.05	0	402.05
	07/08/04	430.53	NA	29.17	NA	401.36	0	401.36
	07/13/04	430.53	NA	29.10	NA	401.43	0	401.43
	07/20/04	430.53	NA	29.17	NA	401.36	0	401.36
	07/28/04	430.53	NA	29.31	NA	401.22	0	401.22
	08/03/04	430.53	NA	29.13	NA	401.40	0	401.40
	08/11/04	430.53	NA	29.28	NA	401.25	0	401.25
	08/17/04	430.53	NA	29.29	NA	401.24	0	401.24
	08/27/04	430.53	NA	29.55	NA	400.98	0	400.98
	09/02/04	430.53	NA	29.52	NA	401.01	0	401.01
	09/21/04	430.53	NA	29.68	NA	400.85	0	400.85
	10/18/04	430.53	NA	29.71	NA	400.82	0	400.82
	11/15/04	430.53	NA	29.88	NA	400.65	0	400.65
LP-4	01/27/04	432.53	NA	31.64	NA	400.89	0	400.89
	04/20/04	432.53	NA	31.36	NA	401.17	0	401.17
	05/27/04	432.53	NA	31.22	NA	401.31	0	401.31
	06/03/04	432.53	NA	31.29	NA	401.24	0	401.24
	06/10/04	432.53	NA	30.96	NA	401.57	0	401.57
	06/17/04	432.53	NA	30.84	NA	401.69	0	401.69
	06/23/04	432.53	NA	30.68	NA	401.85	0	401.85
	06/30/04	432.53	NA	30.43	NA	402.10	0	402.10
	07/08/04	432.53	NA	30.29	NA	402.24	0	402.24
	07/13/04	432.53	NA	30.10	NA	402.43	0	402.43
	07/20/04	432.53	NA	30.24	NA	402.29	0	402.29
	07/28/04	432.53	NA	30.44	NA	402.09	0	402.09
	08/03/04	432.53	NA	30.46	NA	402.07	0	402.07
	08/11/04	432.53	NA	30.56	NA	401.97	0	401.97
	08/17/04	432.53	NA	30.60	NA	401.93	0	401.93
	08/27/04	432.53	NA	30.93	NA	401.60	0	401.60
	09/02/04	432.53	NA	30.96	NA	401.57	0	401.57
	09/21/04	432.53	NA	31.19	NA	401.34	0	401.34
	10/19/04	432.53	NA	31.64	NA	400.89	0	400.89
	11/15/04	432.53	NA	31.75	NA	400.78	0	400.78

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
T-1*	01/28/04	--	29.47	32.50	--	--	3.03	--
	04/21/04	--	28.55	30.61	--	--	2.06	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	25.95	27.85	--	--	1.9	--
	07/08/04	--	--	--	--	--	--	--
	07/13/04	--	--	--	--	--	--	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/17/04	--	--	--	--	--	--	--
	08/27/04	--	--	--	--	--	--	--
	09/02/04	--	--	--	--	--	--	--
	09/21/04	--	--	--	--	--	--	--
	10/20/04	--	28.94	31.84	--	--	2.9	--
	11/15/04	--	--	--	--	--	--	--
MP-1S	04/21/04	--	NA	24.46	NA	--	0	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	NA	23.14	NA	--	0	
	07/08/04	--	NA	22.91	NA	--	0	
	07/14/04	--	27.60	27.90	--	--	0.3	--
	07/20/04	--	NA	22.96	--	--	0	--
	07/28/04	--	NA	23.12	--	--	0	--
	08/03/04	--	23.15	23.16	--	--	0.01	--
	08/11/04	--	NA	23.30	--	--	0	--
	08/17/04	--	NA	23.34	--	--	0	--
	08/27/04	--	NA	23.42	--	--	0	--
	09/02/04	--	NA	23.57	--	--	0	--
	09/22/04	--	NA	23.90	--	--	0	--
	10/19/04	--	NA	24.34	--	--	0	--
	11/15/04	--	NA	24.55	--	--	0	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-1D	04/21/04	--	30.16	30.20	--	--	0.04	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	26.63	26.95	--	--	0.32	--
	07/08/04	--	26.94	27.20	--	--	0.26	--
	07/14/04	--	NA	23.00	--	--	0	--
	07/20/04	--	27.90	28.18	--	--	0.28	--
	07/28/04	--	NA	28.62	--	--	0	--
	08/03/04	--	28.75	28.89	--	--	0.14	--
	08/11/04	--	NA	29.07	--	--	0	--
	08/17/04	--	NA	29.27	--	--	0	--
	08/27/04	--	NA	30.07	--	--	0	--
	09/02/04	--	NA	29.68	--	--	0	--
	09/22/04	--	NA	30.65	--	--	0	--
	10/19/04	--	NA	31.44	--	--	0	--
	11/15/04	--	NA	31.29	--	--	0	--
MP-2S	04/21/04	--	NA	29.67	NA	--	0	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	NA	25.94	NA	--	0	--
	07/08/04	--	26.19	26.20	--	--	0.01	--
	07/14/04	--	NA	26.81	NA	--	0	--
	07/20/04	--	27.13	27.14	--	--	0.01	--
	07/28/04	--	NA	27.74	--	--	0	--
	08/03/04	--	27.67	29.12	--	--	1.45	--
	08/11/04	--	27.90	29.32	--	--	1.42	--
	08/17/04	--	28.11	29.55	--	--	1.44	--
	08/27/04	--	26.99	27.07	--	--	0.08	--
	09/02/04	--	27.01	27.02	--	--	0.01	--
	09/22/04	--	NA	27.01	--	--	0	--
	10/19/04	--	NA	27.01	--	--	0	--
	11/15/04	--	NA	27.00	--	--	0	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-2D	04/21/04	--	NA	27.00	NA	--	0	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	25.80	27.00	--	--	1.2	--
	07/08/04	--	26.01	27.00	--	--	0.99	--
	07/14/04	--	26.74	26.99	--	--	0.25	--
	07/20/04	--	26.85	26.98	--	--	0.13	--
	07/28/04	--	NA	26.84	--	--	0	--
	08/03/04	--	26.98	27.03	--	--	0.05	--
	08/11/04	--	26.98	27.02	--	--	0.04	--
	08/17/04	--	26.98	27.02	--	--	0.04	--
	08/27/04	--	28.72	30.52	--	--	1.8	--
	09/02/04	--	28.76	29.89	--	--	1.13	--
	09/22/04	--	29.27	30.99	--	--	1.72	--
	10/19/04	--	30.02	32.03	--	--	2.01	--
	11/15/04	--	30.23	31.76	--	--	1.53	--
MP-3S	04/21/04	--	NA	29.26	NA	--	0	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	NA	25.90	NA	--	0	--
	07/08/04	--	NA	26.12	NA	--	0	--
	07/14/04	--	NA	26.78	NA	--	0	--
	07/20/04	--	NA	27.12	NA	--	0	--
	07/28/04	--	NA	27.76	NA	--	0	--
	08/03/04	--	NA	27.95	NA	--	0	--
	08/11/04	--	NA	28.20	NA	--	0	--
	08/17/04	--	NA	28.38	NA	--	0	--
	08/27/04	--	NA	18.09	NA	--	0	--
	09/02/04	--	NA	18.26	NA	--	0	--
	09/22/04	--	NA	19.02	NA	--	0	--
	10/19/04	--	NA	19.98	NA	--	0	--
	11/15/04	--	NA	19.47	NA	--	0	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-3D	04/21/04	--	NA	18.66	NA	--	0	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	NA	16.79	NA	--	0	--
	07/08/04	--	NA	16.64	NA	--	0	--
	07/14/04	--	NA	16.85	NA	--	0	--
	07/20/04	--	NA	17.10	NA	--	0	--
	**7/28/2004	--	NA	11.47	NA	--	0	--
	08/03/04	--	NA	17.43	NA	--	0	--
	08/11/04	--	NA	17.62	NA	--	0	--
	08/17/04	--	NA	17.81	NA	--	0	--
	08/27/04	--	NA	30.27	NA	--	0	--
	09/02/04	--	NA	29.98	NA	--	0	--
	09/22/04	--	NA	30.92	NA	--	0	--
	10/19/04	--	NA	30.52	NA	--	0	--
	11/15/04	--	NA	30.33	NA	--	0	--
MP-4S	04/21/04	--	--	--	--	--	--	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	26.25	26.28	--	--	0.03	--
	07/08/04	--	26.64	26.69	--	--	0.05	--
	07/14/04	--	26.65	29.36	--	--	2.71	--
	07/20/04	--	27.01	29.44	--	--	2.43	--
	07/28/04	--	27.79	29.72	--	--	1.93	--
	08/03/04	--	27.96	29.86	--	--	1.9	--
	08/11/04	--	28.22	30.07	--	--	1.85	--
	08/17/04	--	28.50	30.22	--	--	1.72	--
	08/27/04	--	NA	DRY	--	--	--	--
	09/02/04	--	NA	DRY	--	--	--	--
	09/22/04	--	NA	DRY	--	--	--	--
	10/19/04	--	NA	DRY	--	--	--	--
	11/15/04	--	NA	DRY	--	--	--	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MP-4D	04/21/04	--	--	--	--	--	--	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	NA	25.77	NA	--	0	--
	07/08/04	--	NA	25.48	NA	--	0	--
	07/14/04	--	NA	25.60	NA	--	0	--
	07/20/04	--	NA	25.71	NA	--	0	--
	07/28/04	--	NA	25.94	NA	--	0	--
	08/03/04	--	26.15	26.16	--	--	0.01	--
	08/11/04	--	NA	26.40	--	--	0	--
	08/17/04	--	NA	DRY	NA	--	0	--
	08/27/04	--	29.29	30.78	--	--	1.49	--
	09/02/04	--	29.00	30.08	#VALUE!	--	1.08	--
	09/22/04	--	29.86	31.10	--	--	1.24	--
	10/19/04	--	30.63	32.64	--	--	2.01	--
	11/15/04	--	30.57	31.57	--	--	1.00	--
SVE-1S	04/21/04	--	--	--	--	--	--	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	--	--	--	--	--	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	--	--	--	--	--	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/17/04	--	--	--	--	--	--	--
	08/27/04	--	25.87	25.88	--	--	0.01	--
	09/02/04	--	27.46	27.47	--	--	0.01	--
	09/22/04	--	NA	26.25	--	--	0	--
	10/20/04	--	NA	26.32	--	--	0	--
	11/15/04	--	26.43	26.45	--	--	0.02	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
SVE-1D*	04/20/04	--	29.65	29.71	--	--	0.06	--
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	--	--	--	--	--	--
	06/10/04	--	--	--	--	--	--	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	--	--	--	--	--	--
	06/30/04	--	--	--	--	--	--	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	--	--	--	--	--	--
	07/20/04	--	--	--	--	--	--	--
	07/28/04	--	--	--	--	--	--	--
	08/03/04	--	--	--	--	--	--	--
	08/11/04	--	--	--	--	--	--	--
	08/17/04	--	--	--	--	--	--	--
	08/27/04	--	NA	29.68	--	--	0	--
	09/02/04	--	NA	29.34	--	--	0	--
	09/22/04	--	NA	30.47	--	--	0	--
	10/20/04	--	NA	31.06	--	--	0	--
	11/15/04	--	NA	30.95	--	--	0	--
Product Pipeline Sump	04/21/04	--	13.79	13.80	--	--	0.01	
	05/27/04	--	--	--	--	--	--	--
	06/03/04	--	NA	13.40	NA	--	0	--
	06/10/04	--	13.38	13.39	--	--	0.01	--
	06/17/04	--	--	--	--	--	--	--
	06/23/04	--	NA	13.09	--	--	0	--
	06/30/04	--	NA	14.15	--	--	0	--
	07/08/04	--	--	--	--	--	--	--
	07/14/04	--	NA	13.93	--	--	0	--
	07/20/04	--	NA	13.92	--	--	0	--
	07/28/04	--	NA	13.89	--	--	0	--
	08/03/04	--	NA	13.65	--	--	0	--
	08/11/04	--	NA	13.61	--	--	0	--
	08/17/04	--	NA	13.59	--	--	0	--
	08/27/04	--	NA	13.45	--	--	0	--
	09/02/04	--	NA	13.43	--	--	0	--
	09/21/04	--	NA	13.37	--	--	0	--
	10/20/04	--	NA	13.95	--	--	0	--
	11/15/04	--	NA	13.67	--	--	0	--

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

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

WELL	DATE	(A) Top of Casing Elevation (ft)	(B) Depth to Hydrocarbon (ft)	(C) Depth to Water (ft)	(A)-(B) Hydrocarbon Surface Elevation (ft)	(A)-(C) Water Surface Elevation (ft)	(C)-(B) Hydrocarbon Thickness (ft)	Piezometric Surface Elevation[1] (ft)
MW-1	10/22/04	--	NA	20.93	--	--	0	--
	11/17/04	--	NA	18.88	--	--	0	--
MW-2	10/22/04	--	NA	20.55	--	--	0	--
	11/17/04	--	NA	18.66	--	--	0	--
MW-3	10/22/04	--	NA	22.31	--	--	0	--
	11/17/04	--	NA	20.26	--	--	0	--
MW-4	10/22/04	--	NA	22.86	--	--	0	--
	11/17/04	--	NA	20.83	--	--	0	--

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