Remedial Action

Ambient Air Monitoring Report
Champaign Former Manufactured Gas Plant Site
Champaign, Illinois

SRP 0190100008

April 2013

Prepared for:

AMEREN ILLINOIS COMPANY
1901 CHOUTEAU AVENUE
ST LOUIS, MISSOURI

PSC INDUSTRIAL OUTSOURCING, LP
210 WEST SAND BANK ROAD
COLUMBIA, ILLINOIS 62236

PROJECT 624-1201-0008

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ABBREVIATIONS & ACRONYMS

AAMP	Ambient Air Monitoring Plan
Ameren	Ameren Illinois
AMS	Air Monitoring Station
AT_c	Averaging Time for carcinogenics
AT_{nc}	Averaging Time for non-carcinogenics
bgs	below ground surface
BW	Body Weight
$C_{exp(c)}$	Concentration for carcinogenic constituent
$C_{exp(nc)}$	Concentration for non-carcinogenic constituent
Cfm	cubic feet per minute
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
ED	Exposure Duration
EF	Exposure Frequency
EOI	Environmental Operations Incorporated
GC	Gas Chromatograph.
GC/MS	Gas Chromatograph/Mass Spectrometer
Hg	mercury
IEPA	Illinois Environmental Protection Agency
IPML	Intermediate Perimeter Monitoring Location
IRIS	Integrated Risk Information System
MGP	Manufactured Gas Plant
mg/m^3	milligrams per cubic meter
ml	milliliter
NAAQS	National Ambient Air Quality Standard
nd	not detected
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
Pace	Pace Analytical Laboratories
PAH	Polynuclear Aromatic Hydrocarbon
PID	Photoionization Detector.
PM_{10}	Particulate Matter equal to or less than 10 microns
ppbv	part per billion volume
ppm	part per million
PSC	PSC Industrial Outsourcing
PUF	Polyurethane Foam
QA/QC	Quality Assurance/Quality Control
RfD	Reference Dose
RL	Reporting Limit
SF_i	Inhalation Slope Factor
SIM	Selective Ion Monitoring
SRP	Site Remediation Program

ABBREVIATIONS & ACRONYMS (cont'd)

SUMMA	genericized trademark referring to electro-polished, passivated stainless steel vacuum sampling device
TACO	Tiered Approach Corrective Action Objectives
TH_i	Target Hazard Index
TR	Target Risk
TWA	Time Weighted Average
ug/m^3	micrograms per cubic meter
USEPA	United States Environmental Protection Agency

1 INTRODUCTION

PSC Industrial Outsourcing, LP (PSC) has prepared this Ambient Air Monitoring Report (AAMR) on behalf of Ameren Services (Remedial Applicant) to document the ambient air conditions that were present during the remediation of the former manufactured gas plant (MGP) site (the Site) located in Champaign, Illinois. The site activities included excavating MGP-related impacted soil from the property, and replacing the MGP-related impacted soil with clean backfill material. Ameren completed this work in cooperation with the Illinois Environmental Protection Agency (IEPA) in accordance with the Site Remediation Program (SRP).

This AAMR was prepared to document the ambient air quality monitoring and sampling conducted at the perimeter of the site during the remedial activities as part of the project efforts to ensure that remedial activities did not adversely affect the surrounding community. The air monitoring program consisted of real-time perimeter monitoring and time-integrated sampling at stationary locations around the perimeter of the site adjacent to the existing fence line. The perimeter ambient air quality monitoring and sampling was completed separate from the industrial hygiene program designed for the protection of on-site remediation workers. This AAMR is intended to summarize the results of the real-time and time-integrated air sampling conducted over nine (9) phases of remediation activity and the six areas of perimeter excavations that occurred between June 9, 2009 and September 1, 2011.

1.1 Site Description

The former MGP site is located within the city limits of Champaign, Illinois in Champaign County (Figure 1-1). The site address is 308 North Fifth Street (formerly 502 East Hill Street), Champaign, Illinois. The former MGP operated from approximately 1869 through the early 1930s, at which time operations were converted to storage and distribution of natural gas. During this period two below ground gas holders, one aboveground gas holder, five tar wells, a tar separator, seven oil tanks, and two diesel fuel tanks were present. All aboveground structures, except for the booster house, were demolished in the late 1950s. The booster house was demolished prior to the start of remedial actions in 2009. The general area around the site consists of both residential and commercial properties. The property is currently a vacant lot owned by Ameren, and is secured by a fence and locked gates. The Remediation Site Map is presented in Figure 1-2.

1.2 Site Remediation Activities

The site was remediated by Environmental Operations, Inc. (EOI) and PSC provided project remediation oversight. Remedial activities progressed in nine phases, each of which was completed beneath an enclosed temporary structure. The dimensions of the temporary structure were 60 meters by 40 meters (approximately 210 feet by 130 feet). Four 20,000 cubic feet per minute (cfm) carbon filter air-handling units were used in

association with the temporary structure to contain emissions for the work completed within the structure. The air handling units were configured to pull air from the interior of the temporary structure through activated carbon beds prior to discharging the air to the atmosphere. The air handling units created a slight negative pressure within the temporary structure, which maintained acceptable air quality while work proceeded within the structure and controlled the release of dust and volatile site contaminants to the surrounding community.

Soil excavation, loading, and backfilling during each of the nine remediation phases were performed within the temporary structure. Soil was excavated until no visual impact was observed or to the maximum extent achievable while maintaining safe working conditions. The excavations ranged on average from 20 to 25 feet in depth. The soil was loaded directly into 39-foot, 20 cubic yard capacity, semi-dump trailers. Trucks entered and exited the temporary structure through retractable overhead doors normally kept closed and then only opened allow truck access and egress to maintain the negative air pressure within the structure. Loaded truck trailers were covered and soil spilled onto the truck chassis during loading was removed prior to leaving the temporary structure. Excavated soil was transported to the Brickyard Landfill located in Danville, Illinois. After soil removal activities were completed, the excavations were backfilled with clean imported silty clay or CA-6 fill materials from offsite sources.

The utilization of the temporary structure precluded excavating to the remediation site boundary; therefore following the completion of the nine phases of excavation using the temporary structure, excavation of the site perimeter (an area approximately 20 feet wide) was completed. The perimeter excavations were separated into six areas that included the entire northern and western boundaries and a portion of the southern and eastern boundaries. The perimeter excavation areas were conducted “open air” to a depth of three feet bgs, with the exception of an area along the southern property boundary, which was excavated to a depth of 10 feet bgs.

2 AIR MONITORING PROGRAM

The ambient air monitoring program included the real-time measurement and the time-integrated sampling of the concentrations of airborne volatile site contaminant constituents and particulates at the site perimeter during the remedial action. The real-time data was compared to site-specific action levels established to determine if additional emission control measures were necessary. The time-integrated air sampling data was compared to baseline pre-remedial action local air quality data and to risk-based air quality standards established for the project.

2.1 Air Monitoring Program Components

The air monitoring program consisted of pre-remedial action baseline monitoring, real-time air monitoring, time-integrated air sampling, and meteorological conditions monitoring. The following subsections provide a brief description of the air monitoring program components. The air monitoring program was implemented consistent with the Ambient Air Monitoring Work Plan dated June, 2009.

2.1.1 Baseline Monitoring

Pre-remedial action baseline monitoring was conducted to characterize site air quality prior to the start of remedial activities. The baseline ambient air monitoring consisted of real-time air monitoring, time-integrated sampling, and meteorological monitoring during four 72-hour sampling periods. The baseline data was then used to compare typical air quality at the site with air quality conditions during remediation activities. The pre-remedial action baseline air monitoring began on June 9, 2009 and was completed on June 22, 2009.

Post remedial action phase monitoring was conducted to verify that site area air quality was consistent with the baseline monitoring results. The post remedial action baseline monitoring was conducted at the completion of each of the nine excavation phases utilizing the temporary structure. Following the completion of open excavations along the site perimeter following the ninth phase of covered excavation, two 72-hour post-remedial action baseline sampling periods were completed between August 26, and September 1, 2011.

2.1.2 Real-Time Air Monitoring

Real-time monitoring for particulates, volatile organic compounds (VOCs), and benzene as needed was conducted at air monitoring stations (AMS), intermediate perimeter monitoring locations (IPMLs) and adjacent to the work zone on all days when remedial action activities were in progress during the hours of operation. Real-time air monitoring was conducted hourly and included the use of a TSI Dusttrak II Aerosol Monitor, RAE MiniRAE portable photoionization detector (PID) and a Photovac Voyager (Voyager) portable gas chromatograph (GC).

Real-time monitoring was performed by PSC during each of the remediation phases, which began June 24, 2009 and were completed on August 26, 2011.

2.1.3 Time-Integrated Sampling

Time-integrated air sampling was conducted using stationary air samplers at each AMS located along the perimeter fence for the collection of samples for laboratory analysis. Approximate 72-hour time-integrated ambient air sampling periods were completed during each of the nine phases of enclosed remedial action activities, and during the open air excavations along the site perimeter.

At each stationary AMS location, an air sampler was installed for the collection of air samples for analysis of polycyclic aromatic hydrocarbons (PAHs), volatile organic compounds (VOCs), and particulates equal to or less than 10 micrometers in diameter (PM_{10}) concentrations. Table 2-1 presents a list of the monitored constituents and laboratory detection limits. Sampling and laboratory analysis for PAHs and VOCs was completed in accordance with USEPA Methods TO-13A and TO-15 respectively. PM_{10} sampling and analysis was in accordance with EPA Method 40 CFR, Part 50, Appendix M – "Reference Method for Determination of Particulate Matter as PM10 in the Atmosphere".

Time-integrated air sampling was performed by PSC during each of the remediation phases, which began on June 24, 2009 and were completed on August 26, 2011. Including the pre- and post-remedial action baseline sampling a total of 235-72 hour sampling events were performed between June 9, 2009 and September 1, 2011. Time-integrated sampling was suspended during the project when the temporary structure used to enclose the nine covered excavations was relocated. Time integrated sampling was also suspended during the year-end holiday periods in 2009 and 2010 when site remediation activities were not occurring.

2.1.4 Meteorological Monitoring

A MetOne Instruments, Inc. AutoMet self-contained digital meteorological system was installed at the site to measure and record wind speed and wind direction, ambient temperature, relative humidity, and barometric pressure at 10-second intervals. The monitoring location was selected to minimize interferences from surrounding natural or man-made obstructions. The meteorological station (AutoMet) was used for approximately one month. Problems were encountered with downloading the data and with the system software and/or hardware. To collect weather specific data, the online website Weather Underground was used. Hard copies of daily weather conditions were downloaded, printed, and filed into project binders. Meteorological information was data-logged during the pre-remediation background sampling, the remediation sampling, and the post-background sampling.

2.2 Air Monitoring Station Placement

Six perimeter air monitoring stations identified as AMS-1 through AMS-6 were placed at intervals along the perimeter fence line for the collection of time-integrated air samples. A duplicate station (AMS-3D) was co-located at the AMS-3 location on the north perimeter fence for duplicate sample collection purposes. In addition to the six AMS, twenty-six intermediate perimeter monitoring locations (IPML) were established at 60-foot intervals for the evaluation of perimeter conditions using only real-time field instrumentation. The locations of each AMS and IPML are illustrated on Figure 2-1.

Due to the temporary structure relocations for each remediation phase, three of the air monitoring stations was moved during the remedial action from their original locations. Station AMS-1 was moved approximately 80 feet north to accommodate the temporary structure relocation for Phase 9. Station AMS-5 was relocated 75 feet south, southeast in preparation for the Phase 6 structure location, Station AMS-6 was also moved approximately 125 feet west for the Phase 7 structure relocation

3 SAMPLING AND ANALYTICAL PROCEDURES

The following sections provide a description of the procedures used for monitoring air quality, conducting the time-integrated sampling, and recording meteorological field data during the remedial action.

3.1 Real-Time Monitoring Procedures

Real-time monitoring for particulates, VOCs, and benzene as needed was conducted at the AMSs and the IPMLs and adjacent to the work zones on all days when remedial action activities were occurring during the hours of operation. Real-time air monitoring was conducted on an hourly (on average) schedule at the AMS and IPML. The type of real-time monitoring performed was in accordance with the following criteria:

- *Each AMS* – real-time monitoring for particulates, and VOCs;
- *Downwind IPML* – real-time monitoring for particulates, and VOCs;
- *All Other IPML* – real-time monitoring for particulates, and VOCs; and,
- *AMS or IPML with Real-time PID Reading Exceeding Action Level* – real-time monitoring for benzene following the guidelines established for exceeding an action level.

Real-time perimeter monitoring also took place when significant changes occurred in the on-site activities outside of the regularly scheduled intervals.

At the beginning of each hourly real-time perimeter air monitoring round, the field technician recorded current meteorological conditions (wind direction and speed, temperature, humidity, and barometric pressure) from the on-site meteorological station or from the online weather website. Air quality measurements were collected from the "breathing zone" (3' to 6' above ground surface) at each AMS and IPML as specified above. Real-time air quality measurements were also collected from the influent and effluent ports of each temporary structure air handling unit to ensure that the units were effectively filtering the air prior to being released into the atmosphere. The field technician measured concentrations from the dust monitor, the PID over a one-minute sample interval and recorded the average concentrations on an Air Monitoring Data Form.

3.1.1 Particulates

Real-time monitoring of fugitive particulates was conducted during hourly perimeter monitoring using a TSI Dusttrak II Aerosol Monitor at each AMS and IPML. The detection limit for the Aerosol Monitor is 0.001 milligrams per cubic

meter (mg/m^3). Instrument readings were observed and recorded manually to data sheets or transferred from the data-logger to electronic files.

The average concentration measured at each perimeter monitoring location over a one-minute sample interval was recorded. The results were compared to the project action level for particulates to assess air quality at the site perimeter and to identify occasions when additional emissions control measures were required to maintain air quality. Visible emissions of dust leaving the site were also evaluated and addressed regardless of instrument readings.

3.1.2 Volatile Organic Compounds

Real-time monitoring for VOCs was conducted using a RAE MiniRAE portable PID with a 10.6ev lamp. The PID was used to non-selectively monitor VOC concentrations at the site perimeter. The RAE MiniRAE PID has a lower detection limit of 0.1 parts per million (ppm).

The PID was used to monitor air quality at each AMS and IPML along the project perimeter fence line. Periodic PID measurements were also collected adjacent to active work areas and any stockpiles to evaluate work zone air quality for comparison to perimeter air quality. Instrument readings were measured over a one-minute sample interval at each location and the average concentration was recorded either manually to data sheets or downloaded from the data-logger to a database.

3.1.3 Benzene

The Ambient Air Monitoring Plan for the project prescribed conducting real-time monitoring of benzene concentrations if the real-time VOC monitoring indicated an action level exceedance. The benzene specific assessment was to be conducted using a Photovac Voyager (Voyager) portable GC (or equivalent instrument). Of the potential volatile constituents in MGP residuals, benzene is the analyte of most concern; therefore, benzene was chosen for selective GC monitoring. The Photovac Voyager GC has a lower detection limit for benzene that ranges between 0.002 to 0.005 ppm.

The portable GC would be used to quantify benzene concentrations in grab samples collected at any AMS or IPML where the VOC concentration as measured by the PID exceeded the action level. The GC was maintained in the onsite air monitoring lab in anticipation of the need to quantify benzene concentration when the VOC action level was exceeded. However, no exceedances of the VOC action level were recorded during the project.

3.2 Time-Integrated Sampling Procedures

Ambient air sampling was conducted during the site activities except as noted previously on an approximate 72-hour period basis. The sampling schedule was interrupted during the temporary structure relocation activities, and for the year-end holiday periods. In accordance with the protocol used for air monitoring at their other MGP site remedial actions, air monitoring activities were not conducted during site restoration activities in September 2011.

3.2.1 Sample Collection

At each stationary AMS location, air samplers were installed for the collection of air samples for analysis of PAHs, VOCs, and PM_{10} concentrations. Sampling and laboratory analysis for PAHs and VOCs respectively was completed in accordance with USEPA Methods TO-13A and TO-15. The list of the PAH and VOC compounds and the laboratory detection limits for each method are provided in Table 2-1. PM_{10} sampling and analysis was conducted in accordance with EPA Method 40 CFR, Part 50, Appendix J – Reference Method for Determination of Particulate Matter as PM_{10} in the Atmosphere.

Air samples collected for PAH analyses were collected using Andersen Instrument Model GPS-1 samplers and the PUF sampling system. Sampling and laboratory analysis was completed in accordance with USEPA Method TO-13A. The GPS-1/PUF sampling system collects suspended airborne particulates and volatile and semi-volatile organic vapors to measure total PAH emissions. Sample collection consisted of air being drawn through a two-stage sampling module containing a quartz particulate filter and an adsorbent containing cartridge for vapor entrapment. Particulate-bound PAHs were collected on a 4-inch-diameter acid-washed quartz-fiber filter and the gaseous fraction of PAHs were collected in the secondary 2-inch-diameter by 3-inch-long glass PUF sampling cartridge, packed with polyurethane foam (PUF) and XAD-2 resin, as described in the USEPA Method TO-13A.

At the conclusion of each sampling event the PUF cartridges and filters were removed from the sampler and repackaged in the laboratory supplied sample containers. The samples were stored in a refrigerated system in the fair monitoring field office and protected from light exposure to prevent decomposition of photo-sensitive PAHs. The laboratory analyzed each sample (PUF and fiber filter) as one sample. Retrieved media was shipped to the analytical laboratory overnight in coolers containing ice packs to maintain the cooler temperature below 4 degrees Centigrade via air carrier. Samples recovered from the sampling equipment when 72-hour sampling events were concluded on weekends were preserved onsite until the following Monday when they were forwarded to the analytical laboratory.

Air samples collected for VOC(s) were collected using laboratory certified, 6.0-liter SUMMA canisters and flow regulators. Sampling and laboratory analysis were completed in accordance with USEPA Method TO-15.

The flow controllers were used to regulate the flow rate into the SUMMA canisters. The flow controllers were constructed to provide a constant flow rate of between 1.2 and 1.33 ml/min over the 72-hour sampling period. Vacuum gauges were attached between the flow regulator and SUMMA canisters to monitor vacuum pressure in the canisters during the 72-hour sample period. Vacuum pressure measurements were recorded at each station during real-time perimeter monitoring during the workday. Flow regulation was checked or recalibrated if pressure readings deviated from the anticipated change in pressure. The SUMMA canisters were also shipped to the laboratory by overnight air carrier.

PM_{10} air samples were collected on quartz filter media using high volume Grasby-Anderson motors and PM_{10} monitoring stations at each of the AMS locations. Filter media used for the collection of particulate matter less than 10 microns in diameter consisted of a pre-weighted quartz filter in accordance with USEPA Method PM_{10} specified in 40CFR 50, Appendix J. The recovered filter media was shipped to the laboratory with the other retrieved sampling media.

3.2.2 Analytical Procedures

Samples collected from the AMS were sent to Pace Analytical Services, Inc. in Minneapolis, Minnesota for analysis. The following paragraphs present a brief summary of the analytical methods used for PAHs, VOCs, and particulates. Table 2-1 presents the lists of constituents included in the analyses of VOCs and PAHs and the reporting limits provided by the laboratory.

The PUF samples were extracted using Pressurized Fluid Extraction (PFE) by EPA Method 3545A. The sample extract was then concentrated to 1.0 ml and analyzed by GC/MS in the full scan mode. This method involves GC/MS full scan or SIM mode analysis of semi-volatile organic compounds in ambient air samples collected on PUF/XAD2 cartridges. In relation to the prescribed media, sampling and collection efficiency for compounds not listed in TO-13A has not been evaluated. Samples are prepared by either soxhlet or PFE by EPA Method 3545A and analyzed for Polynuclear Aromatic Hydrocarbons (PAHs) using a quadruple GC/MS in full scan or SIM mode by TO-13A protocol. In addition, the analysis included a modified version of Method 8270 for semi-volatile compounds. Pace Analytical also performs semi-volatile analysis by SW-846 Method 8270C. The extraction process of MM5 trains follows SW846 Method 3542, and the QC criteria differ from Method TO-13A analysis.

For VOC analysis, the laboratory utilized modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2-liters of air. The concentrated aliquot is then flash vaporized and swept through a

water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. This method involves full scan GC/MS analysis of whole air samples collected in evacuated stainless steel canisters. Samples are analyzed for volatile organic compounds using EPA Method TO-14A/TO-15 protocols. An aliquot of the sample is withdrawn from the canister through a mass flow controller and is either concentrated using a cryogenic trap and/or concentrated using a hydrophobic multi-sorbent bed. The hydrophobic multi-sorbent bed functions as a drying system which removes water from the sample stream prior to analysis by full scan GC/MS. For low level analysis, Pace Analytical performed a modified version of this method where the sample is focused onto a cryogenic cooled column for analysis by full scan GC/MS.

Pace Analytical performed PM_{10} analysis in accordance with 40 CFR Part 50 Appendix J. This method involves equilibrating quartz filters in a conditioning environment of a specified temperature and humidity range and weighing the filters before and after the field sampling to determine the net accumulated particulate mass. An analytical balance with 0.1 mg resolution is used to measure the filter weights. The corresponding change in mass represents the PM_{10} result, expressed in ug or ug/m^3.

4 AMBIENT AIR ACTION LEVELS AND AIR QUALITY STANDARDS

Site-specific action levels for real-time air monitoring and air quality standards for time-integrated air sampling were established prior to the remedial action project. Real-time monitoring action levels were developed to maintain perimeter air quality at an acceptable level during remedial activities and to identify occasions when additional emissions abatement measures were required. The real-time monitoring action levels were used to develop tiered response measures in order to implement increasingly more rigorous emissions abatement measures to help prevent exceedances of the project air quality standards.

Project specific air quality standards (AQS) were developed using risk-based exposure equations for inhalation and are presented in Table 4-1. Air quality standards were established for benzene, naphthalene, and particulates equal to or less than 10 micrometers in diameter (PM_{10}). This group of potential site air contaminants were selected as target compounds to regularly monitor the performance of the project emissions abatement measures in meeting the air quality standards. The project specific air quality standards were used to verify that local air quality was not being impacted by the remedial action.

4.1 Real-Time Action Levels

The real-time action levels were developed to serve as indicators to identify when emission control responses were necessary. Real-time action levels were developed for particulates, total VOCs as measured by field instruments, and for the single constituent benzene because of its low exposure level as established by IRIS, its potential ease of volatility and mobility, and the capability of field instruments to identify and quantify the constituent. The real-time action levels were developed using air quality workplace and ambient air standards, the capability of the field screening and analytical instruments, and knowledge of MGP waste characteristics.

Action levels established for each of the three real-time monitoring parameters for the project (particulates, total VOCs, and benzene) are provided in the following sections. The action levels were selected to maintain acceptable daily air quality at the site, and reduce the potential for subsequent emissions at higher concentrations. Action levels and response guidelines for action level exceedances are provided in Table 4-2.

4.1.1 Particulates (PM_{10})

A real-time air action level for particulates was established for the site based on National Ambient Air Quality Standards (NAAQS). The NAAQS 24-hour average concentration for particulate with diameters of 10 microns or less is 150 ug/m^3. The real-time (instantaneous) action level of 200 ug/m^3 was selected for particulate concentrations at the site perimeter based on an eight-hour work day. The average concentration measured over a one-minute sample interval was reported at each location. When the action level was exceeded, real-time

monitoring of the upwind background level was measured immediately using the same portable monitor. When the downwind readings were more than 100 ug/m^3 greater than the upwind background level or if dust was observed leaving the site, implementation of dust suppression techniques were implemented.

4.1.2 Volatiles

A real-time air action level for volatiles was established for the site based on NIOSH and OSHA TWA values for benzene. A real-time (instantaneous) action level of 1.0 ppm was selected as the action level for total VOCs at the site perimeter. The PID was used to monitor non-specific concentrations of total photo-ionizable volatiles present. The detection of photo-ionizable volatiles provides an indication of the potential presence of benzene. The action level was utilized to assess PID readings at the site perimeter to determine whether additional measurements and emission controls were necessary. If the PID reading were sustained higher than 1.0 ppm during the initial measurement, a second measurement using PID would be taken. If the PID reading in excess of 1.0 ppm was not sustained, the monitoring technician proceeded to the next monitoring station.

If the PID reading was higher than 1.0 ppm during the second measurement at a monitoring location, the air monitoring technician was required to pause for 5 minutes and then record a third measurement to assess if vapor levels may be attributable to a short-term transient condition or were more sustained. If PID readings in excess of 1.0 ppm were obtained during the third measurement period, the technician was required to notify the site managers to implement air control measures. A detailed description of the site and surrounding area activities to evaluate possible sources of the detection was to be completed when the action level was exceeded.

In addition, in the event of a reading greater than 1 ppm above background the air monitoring technician was required to complete a measurement using the Photovac Voyager portable GC to obtain “total benzene” measurements. The GC sample was to be collected in a similar manner to the PID with necessary modifications for instrument operation. However, during the project the VOC action level for PID readings was never exceeded and therefore follow-up measurements using the Photovac unit were not conducted.

4.2 Time-Integrated Project-Specific Air Quality Standards

The time-integrated sampling monitored the remediation site for potential project related emissions. The analytical results for each 72-hour sampling period were tabulated to calculate running average air concentrations for selected compounds detected over the duration of the site remedial activities. The running average air concentrations for target compounds served as a measure of air quality at the site perimeter over the project

duration. The air concentrations for each AMS were also compared to baseline concentrations collected at the start of the project before remedial action activities began and to the air quality standards developed for the project duration of 113 weeks (2.17 years). Project-specific air quality standards presented in Table 4-1 were developed for benzene and naphthalene for the project period. The time-integrated sampling results were compared to the air quality standards as they were received from the analytical laboratory to assess the effectiveness of emission control efforts during the site activities. Project running averages were updated as the time-integrated sampling laboratory results were accumulated. The running averages were compared to the pre-remedial action baseline sampling constituent averages and the project air quality standards as the basis for determining whether local air quality was being adversely affected by the work.

4.2.1 Particulates

The project air quality standard for particulates was established based on the National Ambient Air Quality Standards (NAAQS). The NAAQS 24-hour average concentration for particulates with diameters of 10 microns or less is 150 ug/m^3.

4.2.2 Benzene

The project-specific air quality standard for benzene was developed using inhalation exposure equations as outlined in USEPA's Risk Assessment Guidance for Superfund document and the IEPA's Tiered Approach for Corrective Action (TACO) document. The risk-based exposure equation:

$$C_{exp(c)} = [TR \times BW \times AT_c] / [SF_i \times IR \times EF \times ED]$$

was used for potential exposure for carcinogenic effects. Where the following variables are defined:

$C_{exp(c)}$ = Acceptable risk-based air concentration for carcinogenic constituent.

TR = Target cancer risk level (1 per 1,000,000 occurrences).

BW = Body weight. Kg

AT_c = Averaging time for carcinogens.

SF_i = Inhalation Slope Factor for carcinogens

IR = Inhalation Rate.

EF = Exposure Frequency.

ED = Exposure Duration.

The risk-based exposure equation:

$C_{exp(nc)} = [THI \times RfD_i \times BW \times AT_{nc}] / [IR \times EF \times ED]$

was used for non-carcinogenic effects. Where the following variables were defined:

$C_{exp(nc)}$ = Acceptable risk-based air concentration for non-carcinogenic constituent.

THI = Target Hazard Index.

BW = Body weight.

AT_{nc} = Averaging time for non-carcinogens.

RfD_i = Inhalation reference dose for non-carcinogens.

IR = Inhalation Rate.

EF = Exposure Frequency.

ED = Exposure Duration.

Most of the potential receptors in the vicinity of the remediation site were residential properties to the north, west and south, with commercial/industrial property users to the east of the remediation site. As a conservative approach to deriving the project air quality standard for benzene, a "theoretical sensitive receptor" model assumed a potential child receptor in a residential setting with 24-hour per day exposure over the duration of the project. The standard USEPA default values for target cancer risk, body weight, inhalation rate, averaging time, and exposure frequency values were used as input parameters. The inhalation slope factor and inhalation reference dose values were obtained from the USEPA Integrated Risk Information System (IRIS).

The project-specific risk-based air quality standard concentration of 4.1 ug/m^3 was established for benzene based on the theoretical sensitive receptor model. The air quality standard calculation parameters for the project-specific benzene standard are presented on Table 4-1.

4.2.3 Naphthalene

The project-specific air quality standard for naphthalene was developed using the same inhalation exposure equations as outlined in USEPA's Risk Assessment Guidance for Superfund document and the IEPA's Tiered Approach for Corrective Action (TACO) document described above for calculating the benzene air quality standard.

The project-specific risk-based acceptable air quality standard concentration of 0.95 ug/m^3 was calculated for naphthalene based on the theoretical sensitive receptor model. The air quality standard calculation parameters for the project-specific naphthalene standard are presented on Table 4-1.

5 EQUIPMENT CALIBRATION

Periodic calibrations and checks were required on the field instruments and equipment that were used for the ambient air monitoring program. The daily instrument calibrations, or calibration checks, were conducted at the beginning of each workday. The calibration results were recorded in the calibration log forms. The following sections provide a brief description of the calibrations and checks required for each piece of equipment.

5.1 Real-Time Monitoring Equipment Calibration

The following subsections present a summary of the equipment calibrations conducted for the real-time air monitoring equipment.

5.1.1 Photo-ionization Detector

The PID was calibrated daily by the field-sampling technician using 5 ppm and 100 ppm isobutylene calibration gas and in accordance with the manufacturer's guidelines. Span checks were completed as necessary throughout the day to verify calibration of the instrument. Notes for instrument calibration were recorded on a calibration log form.

5.1.2 Photovac Voyager GC

The GC was calibrated daily by the field-sampling technician at the start of each workday using a 1 ppm benzene calibration gas. Span checks were completed as necessary throughout the day to verify calibration of the instrument. Notes for instrument calibration were recorded in the calibration log form.

5.1.3 Dust Monitor

The dust monitor was calibrated daily in accordance with the manufacturer's specifications and recorded on the calibration log form.

5.2 Time-Integrated Sampling Equipment

The following subsections present a summary of the equipment calibrations conducted for the time-integrated air sampling equipment.

5.2.1 VOC Sampling Equipment Calibration

The flow controllers used for TO-15 sampling were purged and calibrated prior to each use by the laboratory providing the SUMMA canisters and flow controllers. Calibration and decontamination procedures followed during sampling equipment preparation were developed by the laboratory supplying the sampling equipment. Prior to each use, the flow controllers were back flushed with ultra-high-pure nitrogen gas for a minimum of 8 hours. The flow controllers were then calibrated using a flow meter. The flow rate was checked to determine if the flow rate was within the acceptable range. The flow controllers were adjusted as necessary to meet the target final vacuum pressure of –5 in. Hg. Purge and calibration data was recorded on calibration data sheets.

5.2.2 PAH Sampling Equipment Calibration

The TO-13 sampling systems were calibrated in accordance with USEPA Method TO-13A procedures and the manufacturer's instructions. A multiple point calibration was completed in the field for comparison to the instrument calibration curve. The multiple point calibration was performed once per month. The samplers were recalibrated when relocated and following instrument maintenance. A single-point calibration check was performed prior to, and at the conclusion of, each 72-hour sampling event. A conventional U-tube manometer was used to determine the operational flow rate of the instrument, and provided a correlation between flow rate and the magnehelic gauge reading. Calibration data was recorded on calibration data sheets.

5.2.3 PM_{10} Sampling Equipment Calibration

A multiple point calibration was completed in the field for comparison to the instrument calibration curve. The multiple point calibration was performed once per month. The samplers were recalibrated when relocated and following instrument maintenance. A single-point calibration check was performed prior to, and at the conclusion of, each 72-hour sampling event. A conventional U-tube manometer was used to determine the operational flow rate of the instrument, and provided a correlation between flow rate and the magnehelic gauge reading. Calibration data was recorded on calibration data sheets.

6 SAMPLE RESULTS

Perimeter air monitoring and sampling activities were conducted during the pre-excavation baseline phase, the nine remediation phases of the project utilizing a temporary structure, the site perimeter "open air" excavation work conducted after Phase Nine, and the post-remedial action baseline period, using both real-time and time-integrated sample collection instrumentation.

Real-time air monitoring was conducted at regular intervals throughout the workday to monitor measured concentrations of photo-ionizable volatiles, and particulates. The real-time air quality data was collected to assess short-term (daily) exposures, identify when measured parameters approached action levels, and determine when more rigorous emission control measures were necessary.

Time-integrated sampling was conducted to document concentrations of VOCs, PAHs, and particulates along the perimeter of the site. The analytical data was used to evaluate potential risks associated with off-site exposure to air emissions generated onsite during the site activities.

The air monitoring events began on June 9, 2009 and concluded on September 1, 2011. Pre-remedial action background (baseline) ambient air monitoring consisted of four 72-hour sampling events performed prior to the start of Phase 1 with the first run starting on June 9, 2009 and the final run terminating on June 22, 2009.

A total of 229 time-integrated sampling events were performed by PSC during the remedial action as listed below:

- **Phase 1** - June 24, 2009 to September 22, 2009; included a total of thirty sampling events. Post-phase baseline ambient air-monitoring consisted of two 72-hour sampling events beginning on September 22, 2009 and terminating on September 28, 2009.

- **Phase 2** - October 14, 2009 to December 16, 2009; included twenty one sampling events. Post-phase baseline sampling consisted of two 72-hour sampling events starting on December 17, 2009 and terminating on December 22, 2009.

- **Phase 3** - January 4, 2010 to February 24, 2010; included seventeen sampling events. Post-phase baseline sampling consisted of two 72-hour sampling events starting on February 24, 2010 and terminating on March 2, 2010.

- **Phase 4** - March 18, 2010 to June 10, 2010; included twenty eight sampling events. Post-phase baseline sampling consisted of two 72-hour sampling events starting on June 10, 2010 and terminating on June 16, 2010.

- **Phase 5** - June 30, 2010 to September 19, 2010; included twenty seven sampling events. Post-phase baseline sampling consisted of two 72-hour sampling events starting on September 19, 2010 and terminating on September 25, 2010.

- **Phase 6 -** October 4, 2010 to December 9, 2010; included twenty two sampling events. Post-phase baseline sampling consisted of two 72-hour sampling event starting on December 9, 2010 and terminating on December 15, 2010.

- **Phase 7 -** January 3, 2011 to March 10, 2011; included twenty two sampling events. Post-phase baseline sampling consisted of two 72-hour sampling starting on March 10, 2011 and terminating on March 16, 2011.

- **Phase 8 -** March 28, 2011 to May 3, 2011; included eleven sampling events. Post-phase baseline sampling included one 72-hour sampling event starting on May 3, 2011 and terminating on May 6, 2011.

- **Phase 9 -** May 10, 2011 to July 27, 2011; included twenty six sampling events.

- **Perimeter Excavations** – July 27, 2011 to August 26, 2011; included ten sampling events.

Post-remedial action baseline sampling included two 72-hour sampling events starting on August 26, 2011 and terminating on September 1, 2011.

6.1 Pre-Remedial Action Time Integrated Sampling Results

Prior to the remediation of the site, ambient air monitoring was performed to collect background (baseline) data considered to be representative of the ambient conditions present at the undisturbed site. The background ambient air monitoring consisted of four 72-hour sampling runs conducted between June 9, 2009 and June 22, 2009. Samples were collected and analyzed for VOCs, PAHs, and particulates. The laboratory analytical data for the pre-remedial action sampling results is provided in Appendix A.

6.1.1 Benzene Results (TO-15)

The calculated average concentration for benzene during the baseline monitoring period was 1.76 ug/m^3.

6.1.2 Naphthalene Results (TO-13A)

The calculated average concentration for naphthalene during the baseline monitoring period was 0.028 ug/m^3

6.1.3 PM_{10} Results

The calculated average concentration for PM_{10} particulates during the baseline monitoring period was 26.53 ug/m3

6.2 Remedial Action Period Time Integrated Sampling Results

The following paragraphs summarize the analytical results for the time-integrated air sampling. The laboratory analytical data for the remedial action sampling results is provided on compact disc in Appendix A.

6.2.1 Benzene Results

Benzene was detected during the remediation time-integrated sampling events at the Champaign site. During the project period concentrations of benzene were detected above the laboratory reporting limit (RL) of 0.7ppbv or 2.27/ugm^3 in the time-integrated samples less than 10-percent of the time. Because more than 90 per-cent of the results for benzene were below the RL, values were attributed to the sample results reported as "ND" (not detected at or above the RL) using randomly generated values between 0.01 and 2.26.

Twenty six of the twenty eight samples collected during the pre-remedial action baseline background sampling were reported as "NDs". A background level of 1.76 ug/m3 benzene was established for the site using the average of the samples reported above the RL and randomly generated values between 0.01 and 2.26 ug/m^{3}for the events reported as ND. According to the National Toxicology Program of the Department of Health and Human Services "benzene has been measured in outdoor air at various U.S. locations at concentrations ranging from 0.06 ug/m^3 in a rural area, to 356 ug/m^3 in an urban area. The maximum 24-hour average concentrations of benzene reported for four U.S. cities in 2004" included "3.5 ug/m^3 for St. Louis, Missouri, and 8.6 ug/m^3 for Chicago, Illinois"; the value of 1.76 ug/m3 calculated for the site in 2009 prior to the remedial action for a moderate size urban area is consistent with the concentrations for larger urban areas described above.

Table 6-1 presents the benzene running average concentration data for the project duration. Eight sample results were not included in the calculations of station running averages because the results reported for these eight samples appeared to be attributable to spurious laboratory contamination of the samples. Elevated levels of benzene were reported in the samples but other MGP volatile compounds were not typically present but several solvent compounds were reported as detected. The elevated benzene levels could not be corroborated by elevated benzene levels at other site monitoring stations including one instance when a questionable benzene level at one of the co-located stations was not confirmed by a similar level in the other sample for the sampling period.

The running average concentrations for the six sampling stations plus the co-located seventh station at AMS-3 were all within the range of the pre-remedial action baseline background concentration at the end of the project ranging from a low of was 1.35 ug/m^3 at AMS-1 to 1.74ug/m^3 at AMS-3. The running average for the co-located AMS-3D location was 1.59 ug/m^3.

6.2.2 Naphthalene Results

Naphthalene was generally detected during the time-integrated perimeter air monitoring remediation sampling events in all samples. A background level for naphthalene of 0.028 ug/m^3 was calculated from the pre-remedial action baseline period.

Table 6-2 presents the naphthalene running average concentration data for the project duration. Five sampling events were lost due to a variety of reasons (breakage during shipping, sampler failure) during the project out of a possible total of 1603 sampling event results. Naphthalene was detected in all samples submitted to the analytical laboratory during the air monitoring project. The running average concentrations for the six sampling stations plus the co-located seventh station at AMS-3 were all below the project air quality standard of 2.11 ug/m^3; the station running averages calculated for the project duration ranged from 0.04 ug/m^3 to 0.12 ug/m^3.

6.2.3 PM_{10} Results

An average background concentration of 26.53 ug/m^3 was calculated from the combined air monitoring station results from the four pre-remedial action baseline sampling events. Concentrations measured during the remedial action were generally similar to the pre-remedial action baseline period.

Table 6-3 presents the particulate running average concentration data for the project duration. The running averages for the six sampling stations were all below the project air quality standard of 150 ug/m^3; the station running average concentrations calculated for the project duration ranged from 21.25 ug/m^3 to 25.12 ug/m^3. No co-located sampler was used for measuring PM_{10} particulate concentrations during the project.

6.3 Post-Remedial Action Time-Integrated Sampling Results

Post-phase time-integrated sampling was performed following each phase (location of the temporary structure to enclose soil excavations). The post-phase sampling was conducted after backfilling of the excavation at each temporary structure location was completed, and coincided with the temporary structure relocation activities. The post-phase sampling after each project excavation phase was used to verify that site surface conditions had been restored to conditions similar to the pre-remedial action condition of the site relative to site contaminant emissions generation potential. Samples were collected and analyzed for VOCs, PAHs, and particulates. The post-phase sampling results have been included in the calculation of the project running averages for the air quality indicator target compounds.

Following the completion of the final site excavation activities conducted "open air" along the site perimeter immediately following Phase Nine, two 72-hour post-remedial action sampling periods were completed. The post-remedial action sampling task was completed to verify that post-remedial action site conditions were not likely to impact local air quality. The laboratory analytical data for the post-remedial action sampling results is provided in on compact disc provided in Appendix A.

The following paragraphs discuss the results of the post-remedial action sampling.

6.3.1 Benzene Results

Benzene was not detected above the laboratory RL in any of the samples collected from all of the air monitoring stations during the post-remedial action sampling period.

6.3.2 Naphthalene Results

Naphthalene was detected in every sample collected from all of the air monitoring stations during the post-remedial action sampling. However, the sample results were similar to the pre-remedial action baseline sampling event with individual sample results ranging from less than 0.01 ug/m^3 to 0.06 ug/m^3.

6.3.3 PM_{10} Results

Particulates were detected in each of the samples during the post-remedial action sampling. However, the sample results were similar to the pre-remedial action baseline sampling event with individual sample results ranging between 13.52 ug/m^3 and 36.77 ug/m^3.

6.4 Real-Time Air Monitoring Results

Real-time monitoring was conducted at each AMS and the IPML on all days when remedial action activities were in progress and during the hours of operation. Real-time air monitoring was conducted on an hourly schedule.

Volatile organic compounds were monitored using a MiniRAE portable PID with a 10.6ev lamp. The PID was used to monitor air quality at each AMS and IPML along the fence line. Readings were collected over a 1-minute sample interval at each location and the average concentration was recorded on field data sheets. No VOCs were detected above the project action level, NIOSH or OSHA time weighted average action levels.

Real-time monitoring for particulates was conducted using a TSI DustTrak Aerosol Monitor at each AMS and IPML. The detection limit for the DustTrak was set at 0.001 mg/m^3. Instrument readings were observed over a 1-minute interval and recorded on

field data sheets. Visible dust emissions observed were evaluated and addressed regardless of instrument readings. No particulates were recorded in excess of the project action levels.

7 QUALITY ASSURANCE/QUALITY CONTROL

The following sections provide a brief description of the quality assurance/quality control (QA/QC) procedures that were implemented during the ambient air monitoring program. The objective for this QA/QC program was to develop and implement procedures that would provide reliable, defensible data that meets the overall intent of the AAMP. Quality assurance/quality control was performed using lab blanks, trip blanks, and duplicate samples.

Limitations occurring from equipment problems, power outages, deviations in procedures, and ambient condition changes can influence environmental results. Laboratory issues such as chemical interferences and limitations of instrumentation affect analytical accuracy. Reducing these variables so accurate data is reflected for the samples collected is critical.

Analytical results are meant to reflect precision, accuracy, completeness, and be representative.

7.1 Laboratory QA/QC Samples

Laboratory QA/QC samples are prepared in the laboratory and analyzed in the same manner as a sample collected in the field. Method blanks, laboratory control samples and laboratory control sample duplicates were prepared by Pace Analytical associated with the PAH and benzene analyses during the project.

7.2 Trip Blanks

Trip blanks, or field blanks travel to the site along with the other sample equipment. Trip blanks were prepared in accordance with USEPA Methods TO-13A and TO-15 QA/QC sampling requirements.

Trip blanks were submitted to the laboratory for PAH analysis with each sample cooler submitted to the laboratory during Phase One of the remedial action and then on an approximate weekly basis during the balance of the project. The weekly basis frequency for trip blanks during the majority of the project represents an approximate 30 per-cent frequency. Polyurethane Foam (PUF) sampling cartridges are shipped to the site in batches. Random cartridges were selected from the batches and submitted with the collected samples for analysis as a trip blank.

Trip blanks were submitted to the laboratory for PM_{10} analysis. The PM_{10} filters were submitted with the collected samples for analysis as a trip blank. Each PM_{10} filter is weighed before and after sampling in the laboratory under controlled conditions to determine the net mass gain of the sample, which represents the PM_{10} result. PM_{10} filter trip blanks were selected and taken into the field during the air monitoring station media change and then returned to the laboratory unused. Trip blanks were included with each sampling event during Phase One of the remedial action and then on an approximate weekly basis during the balance of the project. The weekly basis frequency for trip

blanks during the majority of the project represents an approximate 30 per-cent frequency.

Trip blanks were not submitted for VOC analysis.

7.3 Duplicate Samples

Duplicate PAH and VOC samples were collected at a 10 per-cent frequency during baseline air sampling and for the duration of the remedial actions. One duplicate sample was collected during the baseline event completed prior to the start of remedial activities. During the remedial actions a minimum of one duplicate sample was to be collected per week. Duplicate samples were collected at the duplicate sampling station AMS-3D, co-located with sampling location AMS-3.

7.4 Precision

Precision could be referred to as reproducibility or repeatability, the degree to which further measurements or calculations show the same or similar results. Measured in a variety of ways, even statistically, precision can be determined by calculating variance or standard deviation.

Concentration results for the TO-13 sampling from AMS-3 and AMS-3D were used to determine statistical precision. Statistical precision can be calculated for the compounds found on at least a 50 percent frequency. Calculations were based on the naphthalene results because it was the compound of concern. The average per-cent deviation between the AMS-3 and AMS3D results on an individual sampling event comparison bases for the project was 22.5 per-cent.

PM10 sampling did not include a co-located sampler. An insufficient number of TO-15 samples collected reported benzene results above the laboratory reporting limit to conduct a measure of method precision.

7.5 Accuracy

Accuracy is the degree of veracity or the degree of closeness of a measured or calculated quantity to its actual, true value.

7.6 Completeness

Sufficient data was collected to thoroughly characterize the ambient site conditions during the remediation of the Site.

7.7 Representativeness

The ambient air monitoring data that was collected at the Site does in fact portray and depict the real world ambient air conditions and is characteristic of the site conditions present during the remediation.

7.8 Deviations

During the remedial action, a total of four pre-remedial baseline time-integrated 72-hour sampling events were completed, 229 time-integrated 72-hour sampling events were completed during the remedial action, and two post-remedial action time-integrated 72-hour sampling events were completed at the conclusion of the remedial action. The time-integrated sampling program incorporated six sampling stations with co-located samplers included as AMS-3D for sampling methods TO-13 and TO-15.

During the remedial action samples were not analyzed on an infrequent basis. Eight samples lost or not analyzed from the TO-13 sampling, this represents approximately 0.5 per-cent of the sampling events during the remedial action. Three samples were lost from the PM_{10} sampling, this represents 0.2 per-cent of the sampling events during the remedial action. Twenty two samples were not analyzed from the TO-15 sampling, this represents 1.4 per-cent of the sampling events during the remedial action and an additional seven samples analyzed were not included in the calculation of the benzene project running average due to suspected laboratory contamination representing an additional 0.4 per-cent of the TO-15 sampling events. Table 7-1 presents additional information concerning time-integrated samples not collected or analyzed during the project.

The majority of the sampling method deviations occurred associated with the TO-15 sampling. Fourteen TO-15 samples were voided because of faulty SUMMA can valves or the flow regulators used for sampling; the majority of these events resulted in no sample being collected because the valve or regulator stuck closed and no sample was collected. Many of the TO-15 samples missed due to faulty equipment were collected over weekend periods when a sampling technician was not present to monitor the can vacuums. Additional TO-15 samples were voided because the cans leaked during return shipment to the laboratory where final can vacuums measured at the laboratory were less than the final vacuums measured at the site.

Nine additional TO-15 samples for which results were reported by the laboratory because the sample results appear to indicate spurious laboratory contamination; in these samples elevated concentrations for several laboratory solvent compounds and or VOCs not associated with the site conditions were reported.

A limited number of TO-13 and PM10 samples were voided for various reasons. Table 7-1 provides additional details for these samples.

8 CONCLUSIONS

This AAMR was prepared to document the ambient air quality monitoring and sampling conducted at the perimeter of the Champaign former MGP Site during the remedial activities as part of the project efforts to ensure that remedial activities did not adversely affect the surrounding community. The air monitoring program consisted of real-time perimeter monitoring and time-integrated sampling at stationary locations around the perimeter of the site adjacent to the existing fence line. The perimeter ambient air quality monitoring and sampling program was completed separate from the industrial hygiene program designed for the protection of on-site remediation workers. This AAMR summarizes the results of the real-time and time-integrated air sampling conducted over nine (9) phases of remediation activity and the six areas of perimeter excavations plus the pre- and post-remedial action baseline sampling that occurred between June 9, 2009 and September 1, 2011.

The ambient air monitoring program included the real-time measurement and the time-integrated sampling of the concentrations of airborne volatile site contaminant constituents and particulates at the site perimeter during the remedial action. The real-time data was compared to site-specific action levels established to determine if additional emission control measures were necessary. The time-integrated air sampling data was compared to baseline pre-remedial action local air quality data and to project specific risk-based air quality standards established for the project.

Prior to the remedial action, four pre-remedial baseline time-integrated 72-hour sampling events were completed to evaluate local ambient air quality prior to the start of site remedial activities. During the remedial action, 229 time-integrated 72-hour sampling events were completed. Two post-remedial action time-integrated 72-hour sampling events were completed at the conclusion of the remedial action to evaluate site air quality relative to the pre-remedial action air quality conditions. The time-integrated sampling program incorporated six sampling stations with co-located samplers included as AMS-3D for sampling methods TO-13 and TO-15. Six sampling stations (AMS-1 to AMS-6) were equipped with high volume samplers for the collection of PM_{10} particulates.

Because a temporary structure was used for the majority of the site excavation work, (excavation Phases 1 – 9) the creation of remedial action activity generated air borne emissions were minimized during the remedial action. Emissions from work conducted inside the temporary structure were substantially controlled because the structure was maintained under a slight negative pressure by the ventilation system that ventilated the structure through activated carbon filters. Releases from the structure were possible while the overhead doors were open for truck and equipment access and egress, from ductwork and carbon filter leaks, and from contaminants not fully adsorbed by the activated carbon in the ventilation system filters.

Limited open excavation work was completed along the site perimeter after Phase 9 during late July and August, 2011. Emissions abatement during the open excavation work were controlled using standard excavation emissions abatement practices and technologies including covering

areas not actively worked with tarpaulins or vapor suppression foams or other vapor suppression products, and water sprays to minimize dust generation.

Therefore, remedial action activity emissions were generally limited to vehicle and equipment exhaust and particulates generated while moving about the site outside the temporary structure, and waste water treatment activities. The results of the air monitoring program indicate that project related air emissions were generally eliminated by the practices and engineering controls implemented during the project as described above. During the air monitoring program VOCs, PAHs, and particulates were monitored using real-time instrumentation and sampled using USEPA time-integrated air sampling methods. From the laboratory data generated during the time-integrated sampling benzene, naphthalene and PM10 concentrations were tracked during the project and compared to the pre-remedial action baseline sampling results and project-specific air quality standards. The running average concentrations for benzene, naphthalene and PM10 particulates at all sampling stations closely resemble the pre-remedial action baseline concentrations for these constituents indicating that the emissions abatement procedures implemented during the project were effective. The final running average results for the time-integrated sampling stations for benzene, naphthalene, and PM10 particulates are discussed below.

8.1 Benzene Running Averages

Benzene was selected as the indicator constituent for the TO-15 sampling of VOC emissions to track the performance of emissions control. Benzene was selected as the VOC indicator constituent because of the high volatilization rate, compound toxicity, and frequent presence in MGP site related impacted soils. The project air quality standard (AQS) for benzene was 4.1 ug/m^3, and the calculated pre-remedial action baseline site-wide average concentration of benzene was 1.76 ug/m^3. Project running average concentrations for benzene were calculated for each air monitoring station by summing the individual sampling event concentrations and dividing the summed concentration by the number of sampling events summed. The final running averages for the air monitoring stations for benzene are presented below.

Station Number	Cumulative Conc.	Sampling Event Total	Running Average
AMS-1	306.71 ug/m^3	227	1.35 ug/m^3
AMS-2	336.67 ug/m^3	226	1.49 ug/m^3
AMS-3	398.92 ug/m^3	229	1.74 ug/m^3
AMS-3D	356.96 ug/m^3	224	1.59 ug/m^3
AMS-4	327.80 ug/m^3	228	1.44 ug/m^3
AMS-5	311.69 ug/m^3	225	1.39 ug m^3
AMS-6	372.25 ug/m^3	223	1.67 ug/m^3

8.1.1 Naphthalene Running Averages

Naphthalene was selected as the indicator constituent for the TO-13 sampling of PAH emissions to track the performance of emissions control. Naphthalene was selected as the VOC indicator constituent because of the high volatilization rate, compound toxicity relative to other MGP related PAH compounds, and frequent presence in MGP site related impacted soils. The project air quality standard (AQS) for naphthalene was 0.95 ug/m^3, and the calculated pre-remedial action baseline site-wide average concentration of benzene was 0.028 ug/m^3. Project running average concentrations for naphthalene were calculated for each air monitoring station by summing the individual sampling event concentrations and dividing the summed concentration by the number of sampling events summed. The final running averages for the air monitoring stations for benzene are presented below.

Station Number	Cumulative Conc.	Sampling Event Total	Running Average
AMS-1	11.17 ug/m^3	229	0.05 ug/m^3
AMS-2	12.77 ug/m^3	229	0.06 ug/m^3
AMS-3	10.35 ug/m^3	229	0.05 ug/m^3
AMS-3D	10.45 ug/m^3	224	0.05 ug/m^3
AMS-4	11.48 ug/m^3	228	0.05 ug/m^3
AMS-5	10.05 ug/m^3	225	0.04 ug m^3
AMS-6	27.82 ug/m^3	223	0.12 ug/m^3

8.2 PM_{10} Running Averages

Particulates equal or less than 10 microns in diameter was selected as the indicator constituent for dust emissions to track the performance of emissions control. PM_{10} particulates were selected as the dust indicator constituent because a National Ambient Air Quality Standard has been promulgated for PM_{10} particulates. The project air quality standard (AQS) for PM_{10} particulates was 150 ug/m^3 which is the NAAQS. The calculated pre-remedial action baseline site-wide average concentration of benzene was 26.53 ug/m^3. Project running average concentrations for PM_{10} particulates were calculated for each air monitoring station by summing the individual sampling event concentrations and dividing the summed concentration by the number of sampling events summed. The final running averages for the air monitoring stations for PM_{10} particulates are presented below.

Station Number	Cumulative Conc.	Sampling Event Total	Running Average
AMS-1	5285.38 ug/m^3	229	23.08 ug/m^3
AMS-2	4876.48 ug/m^3	229	21.29 ug/m^3
AMS-3	5124.28 ug/m^3	229	22.38 ug/m^3
AMS-4	4851.54 ug/m^3	228	21.00 ug/m^3
AMS-5	5404.11 ug/m^3	228	23.70 ug/m^3
AMS-6	5732.46 ug/m^3	228	25.14 ug m^3

As the indicator constituent running averages indicate, the project period air quality measurements at the site perimeter air monitoring stations were similar to the pre-remedial action baseline sampling results indicating that the remedial action did not substantively affect local air quality during the remedial action. Also indicated by these results is that the running averages for the indicator constituents were below the project air quality standards at all monitoring stations.

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LIST OF TABLES

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4-1 Time-Integrated Air Quality Standards

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Table 2-1
Monitored Constituents and Laboratory Method Detection Limits
Champaign Former MGP Site Remedial Action

Component	MDL	Units
PAHs (Method TO-13A)		
Acenaphthene	1.0	ug
Acenaphthylene	1.0	ug
Anthracene	1.0	ug
Benzo(a)anthracene	1.0	ug
Benzo(a)pyrene	1.0	ug
Benzo(b)fluoranthene	1.0	ug
Benzo(e)pyrene	1.0	ug
Benzo(g,h,i)perylene	1.0	ug
Benzo(k)fluoranthene	1.0	ug
Chrysene	1.0	ug
Dibenz(a,h)anthracene	1.0	ug
Fluoranthene	1.0	ug
Fluorene	1.0	ug
Indeno(1,2,3-c,d)pyrene	1.0	ug
1-Methylnaphthalene	1.0	ug
2-Methylnaphthalene	1.0	ug
Naphthalene	1.0	ug
Phenanthrene	1.0	ug
Pyrene	1.0	ug
VOCs (Method TO-15)		
Acetone	1.0	ppbv
Benzene	1.0	ppbv
Bromodichloromethane	1.0	ppbv
Bromoform	1.0	ppbv
Bromomethane	1.0	ppbv
1,3-Butadiene	1.0	ppbv
2-Butanone (Methyl Ethyl Ketone)	1.0	ppbv
Carbon Disulfide	1.0	ppbv
Carbon Tetrachloride	1.0	ppbv
Chlorobenzene	1.0	ppbv
Chloroethane	1.0	ppbv
Chloroform	1.0	ppbv
Chloromethane	1.0	ppbv
Cyclohexane	1.0	ppbv
Dibromochloromethane	1.0	ppbv
1,2-Dibromomethane (EDB)	1.0	ppbv
1,2-Dichlorobenzene	1.0	ppbv
1,3-Dichlorobenzene	1.0	ppbv
1,2-Dichloropropane	1.0	ppbv
1,4-Dichlorobenzene	1.0	ppbv
VOCs (Method TO-15) continued		
Dicchlorodifluoromethane	1.0	ppbv
1,1-Dichloroethane	1.0	ppbv
1,2-Dichloroethane	1.0	ppbv
1,1-Dichloroethene	1.0	ppbv
cis-1,2-Dichloroethene	1.0	ppbv
trans-1,2-Dichloroethene	1.0	ppbv
1,2-Dichloroethene	1.0	ppbv
cis-1,2-Dichloroethene	1.0	ppbv
trans-1,3-Dichloropropene	1.0	ppbv
1,2-Dichloropropane	1.0	ppbv
cis-1,3-Dichloropropene	1.0	ppbv
trans-1,3-Dichloropropene	1.0	ppbv
Dichlorotetrafluoroethane	1.0	ppbv
Ethyl Acetate	1.0	ppbv
Ethyl Benzene	1.0	ppbv
4-Ethyltoluene	1.0	ppbv
Heptane	1.0	ppbv
Hexachlorobutadiene	1.0	ppbv
Hexane	1.0	ppbv
2-Hexanone	1.0	ppbv
Methylene Chloride	1.0	ppbv
4-Methyl-2-pentanone	1.0	ppbv
Methyl tert-Butyl Ether	1.0	ppbv
Propylene	1.0	ppbv
Styrene	1.0	ppbv
1,1,2,2-Tetrachloroethane	1.0	ppbv
Tetrachloroethene	1.0	ppbv
Tetrahydrofuran	1.0	ppbv
Toluene	1.0	ppbv
1,2,4-Trichlorobenzene	1.0	ppbv
1,1,1-Trichloroethane	1.0	ppbv
1,1,2-Trichloroethane	1.0	ppbv
Trichloroethene	1.0	ppbv
Trichlorofluoromethane	1.0	ppbv
1,1,2-Trichlorotrifuoroethane	1.0	ppbv
1,2,4-Trimethylbenzene	1.0	ppbv
1,3,5-Trimethylbenzene	1.0	ppbv
Vinyl Acetate	1.0	ppbv
Vinyl Chloride	1.0	ppbv
m,p-Xylene	1.0	ppbv
o-Xylene	1.0	ppbv

MDL - Method Detection Limit

PAHs - Polycyclic Aromatic Hydrocarbons

VOCs - Volatile Organic Compounds

Table 4-1
Time Integrated Air Quality Standards
Champaign Former MGP Site Remedial Action

Constituent	RfD_i (mg/kg-d)	SF_i $(mg/kg\text{-}d)^{-1}$	$C_{air\text{-}c}$ ug/m^3	Project AQS mg/m^3	Project AQS ug/m^3
Benzene	1.2821E-01	7.80E-06	4.13E+00	4.13E-03	4.13E+00
Ethylbenzene	4.00E-01	2.50E-06	1.29E+01	1.29E-02	1.29E+01
Benzo(a)anthracene	9.09E-03	1.10E-04	2.93E-01	2.93E-04	2.93E-01
Benzo(a)pyrene	9.09E-04	1.10E-03	2.93E-02	2.93E-05	2.93E-02
Benzo(b)fluoranthene	9.09E-03	1.10E-04	2.93E-01	2.93E-04	2.93E-01
Benzo(k)fluoranthene	9.09E-03	1.10E-04	2.93E-01	2.93E-04	2.93E-01
Chrysene	9.09E-02	1.10E-05	2.93E+00	2.93E-03	2.93E+00
Dibenzo(a,h)anthracene	8.33E-04	1.20E-03	2.68E-02	2.68E-05	2.68E-02
Indeno(1,2,3-cd)pyrene	9.09E-03	1.10E-04	2.93E-01	2.93E-04	2.93E-01
Naphthalene	2.94E-02	3.40E-05	9.47E-01	9.47E-04	9.47E-01

Input Parameters

Parameter	Description	Units	Value	Reference
THI	Target Hazard Index	unitless	1	USEPA
TR	Target Cancer Risk	unitless	1.00E-06	USEPA
RfD_i	Inhalation Refernce Dose	mg/kg-d	see above	USEPA
SF_i	Inhalation Slope Factor	$(mg/kg\text{-}d)^{-1}$	see above	USEPA
BW	Body Weight (child)	kg	10	USEPA
AT_{nc}	Averaging Time for non-carcinogens (residential)	days	10,950	USEPA
AT_c	Averaging Time for carcinogens (residential)	days	25,550	USEPA
IR	Inhalation Rate (child)	m^3/day	10	USEPA
EF	Exposure Frequency	days/year	350	USEPA
ED	Exposure Duration (Project Duration - 113 Weeks)	days	793	site-specific
$C_{air\text{-}nc}$	Risk-based air concentration for noncarcingens	mg/m^3	calcuated	see below
$C_{air\text{-}c}$	Risk-based air concentration for carcingens	mg/m^3	calcuated	see below

Equations

$C_{air\text{-}nc} = (THI \times RfD_i \times BW \times AT_{nc}) / (IR \times EF \times ED)$	Eq. R10
$C_{air\text{-}c} = (TR \times BW \times AT_c) / (SF_i \times IR \times EF \times ED)$	Eq. R9

Receptor AQS (Air Quality Standard) is maximum acceptable concentration at receptor point.
Exposure based on sensitive (child) receptor, 24-hours/day, 7-days/week, 8-week project duration

Table 4-2
Real-Time Air Monitoring Action Levels & Responses
Champaign Former MGP Site Remedial Action

Monitoring Parameter	Instrument Reading	Response	Emissions Abatement Actions
Particulates	10 second sustained reading of ≥ 200 ug/m3	Record instrument reading. Conduct real-time monitoring of the upwind background concentration of particulates shall be measured immediately.	• Use water or other appropriate materials to mist exposed soil surfaces and/or roadways to suppress particulate emissions generation. • Cover non-working areas with tarpaulins, emissions suppressing materials, or equivalent. • Slow the pace of the remedial action activities. • Revise the remedial action activity process or equipment to alternatives that may minimize emissions. • Stop remedial action activities, evaluate use of alternate equipment, processes, or work procedures to identify means to minimize emissions.
	10 second sustained reading of ≥ 100 ug/m3	Notify the Owner's Representative (Oversight Manager) and the Remediation Contractor Site Manager of the action level exceedance. Record instrument reading and document notifications. Document abatement measures implemented and complete follow-up monitoring.	
	Dust is observed leaving the work site		
VOCs	First 10 second sustained reading of ≥ 1.0 ppm	Record instrument reading. Repeat monitoring at this location to determine if the readings exceeding the action level are sustained. If the reading is not sustained after the second measurement record instrument reading, and proceed to the next monitoring station.	• Cover non-working areas with tarpaulins, emissions suppressing materials, or equivalent. • Slow the pace of the remedial action activities. • Revise the remedial action activity process or equipment to alternatives that may minimize emissions. • Stop remedial action activities, evaluate use of alternate equipment, processes, or work procedures to identify means to minimize emissions.
	Second 10 second sustained reading of ≥ 1.0 ppm	Pause for 5 minutes at this location and then complete a third measurement to assess if readings may be attributable to a short-term transient condition.	
	Third 10 second sustained reading of ≥ 1.0 ppm	Notify the Owner's Representative (Oversight Manager) and the Remediation Contractor Site Manager of the action level exceedance. Record instrument reading and document notifications. Collect a grab sample for analysis on the portable GC. Document abatement measures implemented and complete follow-up monitoring. Also, provide a detailed description of the site and surrounding activities to evaluate possible sources of the measured VOCs.	
Benzene	Analysis ≥ 0.5 ppm background level	Notify the Owner's Representative (Oversight Manager) and the Remediation Contractor Site Manager of the action level exceedance. Record instrument reading and document notifications. Document abatement measures implemented and collect a second sample.	• Cover non-working areas with tarpaulins, emissions suppressing materials, or equivalent. • Slow the pace of the remedial action activities. • Revise the remedial action activity process or equipment to alternatives that may minimize emissions. • Stop remedial action activities, evaluate use of alternate equipment, processes, or work procedures to identify means to minimize emissions.
	Analysis ≥ 5.0 ppm background level	Notify the Owner's Representative (Oversight Manager) and the Remediation Contractor Site Manager of the action level exceedance. Record instrument reading and document notifications.	• Stop remedial action activities, evaluate use of alternate equipment, processes, or work procedures to identify means to minimize emissions.
Odor	Sustained odor greater than or equal to a level 4 odor intensity	Notify the Owner's Representative (Oversight Manager) and the Remediation Contractor Site Manager of the action level exceedance. Record odor level and document notifications.	• Cover non-working areas with tarpaulins, emissions suppressing materials, or equivalent. • Slow the pace of the remedial action activities. • Revise the remedial action activity process or equipment to alternatives that may minimize emissions. • Stop remedial action activities, evaluate use of alternate equipment, processes, or work procedures to identify means to minimize emissions.

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
1R1	1	6/24/2009	6/27/2009	0.97	0.97	0.97	1.94	1.94	1.94
1R2	2	6/27/2009	6/30/2009	0.09	1.06	0.53	0.15	2.09	1.05
1R3	3	6/30/2009	7/3/2009	0.43	1.49	0.50	1.17	3.26	1.09
1R4	4	7/3/2009	7/6/2009	1.24	2.73	0.68	1.88	5.14	1.29
1R5	5	7/6/2009	7/9/2009	0.68	3.41	0.68	0.92	6.06	1.21
1R6	6	7/9/2009	7/12/2009	0.35	3.76	0.63	1.29	7.35	1.23
1R7	7	7/12/2009	7/15/2009	0.61	4.37	0.62	0.88	8.23	1.18
1R8	8	7/15/2009	7/18/2009	0.07	4.44	0.56	**2.27**	10.50	1.31
1R9	9	7/18/2009	7/21/2009	0.77	5.21	0.58	2.01	12.51	1.39
1R10	10	7/21/2009	7/24/2009	0.09	5.30	0.53	1.87	14.38	1.44
1R11	11	7/24/2009	7/27/2009	0.82	6.12	0.56	1.93	16.31	1.48
1R12	12	7/27/2009	7/30/2009	0.18	6.30	0.53	1.60	17.91	1.49
1R13	13	7/30/2009	8/2/2009	0.83	7.13	0.55	**49.70**	67.61	5.20
1R14	14	8/2/2009	8/5/2009	0.41	7.54	0.54	1.43	69.04	4.93
1R15	15	8/5/2009	8/8/2009	0.34	7.88	0.53	1.67	70.71	4.71
1R16	16	8/8/2009	8/11/2009	N.A.	7.88	0.53	1.83	72.54	4.53
1R17	17	8/11/2009	8/14/2009	0.94	8.82	0.55	1.83	74.37	4.37
1R18	18	8/14/2009	8/17/2009	0.66	9.48	0.56	0.43	74.80	4.16
1R19	19	8/17/2009	8/20/2009	0.48	9.96	0.55	1.34	76.14	4.01
1R20	20	8/20/2009	8/23/2009	0.85	10.81	0.57	1.84	77.98	3.90
1R21	21	8/23/2009	8/26/2009	**109.00**	119.81	5.99	0.79	78.77	3.75
1R22	22	8/26/2009	8/29/2009	0.12	119.93	5.71	N.A.	78.77	3.75
1R23	23	8/29/2009	9/1/2009	0.25	120.18	5.46	0.48	79.25	3.60
1R24	24	9/1/2009	9/4/2009	0.47	120.65	5.25	0.42	79.67	3.46
1R25	25	9/4/2009	9/7/2009	0.75	121.40	5.06	**4.55**	84.22	3.51
1R26	26	9/7/2009	9/10/2009	0.65	122.05	4.88	0.81	85.03	3.40
1R27	27	9/10/2009	9/13/2009	0.62	122.67	4.72	1.36	86.39	3.32
1R28	28	9/13/2009	9/16/2009	**N.I.**	122.67	4.72	1.95	88.34	3.27
1R29	29	9/16/2009	9/19/2009	**2.96**	125.63	4.65	2.12	90.46	3.23
1R30	30	9/19/2009	9/22/2009	1.57	127.20	4.54	0.62	91.08	3.14
1PP1	31	9/22/2009	9/25/2009	0.87	128.07	4.42	0.34	91.42	3.05
1PP2	32	9/25/2009	9/28/2009	0.30	128.37	4.28	0.95	92.37	2.98
2R1	33	10/14/2009	10/17/2009	1.59	129.96	4.19	0.16	92.53	2.89
2R2	34	10/17/2009	10/20/2009	0.18	130.14	4.07	1.82	94.35	2.86
2R3	35	10/20/2009	10/23/2009	0.81	130.95	3.97	1.73	96.08	2.83
2R4	36	10/23/2009	10/26/2009	0.98	131.93	3.88	2.16	98.24	2.81
2R5	37	10/26/2009	10/29/2009	0.52	132.45	3.78	0.27	98.51	2.74
2R6	38	10/29/2009	11/1/2009	0.18	132.63	3.68	1.67	100.18	2.71
2R7	39	11/1/2009	11/4/2009	1.04	133.67	3.61	0.99	101.17	2.66
2R8	40	11/4/2009	11/7/2009	1.15	134.82	3.55	0.79	101.96	2.61
2R9	41	11/7/2009	11/10/2009	0.99	135.81	3.48	**2.96**	104.92	2.62
2R10	42	11/10/2009	11/13/2009	0.26	136.07	3.40	2.21	107.13	2.61
2R11	43	11/13/2009	11/16/2009	1.34	137.41	3.35	0.01	107.14	2.55
2R12	44	11/16/2009	11/19/2009	**N.I.**	137.41	3.35	1.14	108.28	2.52
2R13	45	11/19/2009	11/22/2009	**3.25**	140.66	3.35	**2.92**	111.20	2.53
2R14	46	11/22/2009	11/25/2009	0.53	141.19	3.28	1.90	113.10	2.51
2R15	47	11/25/2009	11/28/2009	**2.72**	143.91	3.27	0.11	113.21	2.46
2R16	48	11/28/2009	12/1/2009	0.96	144.87	3.22	0.94	114.15	2.43
2R17	49	12/1/2009	12/4/2009	NA	144.87	3.22	2.05	116.20	2.42
2R18	50	12/4/2009	12/7/2009	1.03	145.90	3.17	1.34	117.54	2.40
2R19	51	12/7/2009	12/10/2009	0.20	146.10	3.11	1.77	119.31	2.39
2R20	52	12/10/2009	12/13/2009	0.57	146.67	3.06	1.02	120.33	2.36
2R21	53	12/13/2009	12/16/2009	0.75	147.42	3.01	0.17	120.50	2.32
2PP1	54	12/16/2009	12/19/2009	0.47	147.89	2.96	2.14	122.64	2.31
2PP2	55	12/19/2009	12/22/2009	0.50	148.39	2.91	0.41	123.05	2.28
3R1	56	1/4/2010	1/7/2010	1.19	149.58	2.88	1.15	124.20	2.26
3R2	57	1/7/2010	1/10/2010	0.90	150.48	2.84	2.20	126.40	2.26
3R3	58	1/10/2010	1/13/2010	0.01	150.49	2.79	1.94	128.34	2.25
3R4	59	1/13/2010	1/16/2010	1.30	151.79	2.76	1.34	129.68	2.24
3R5	60	1/16/2010	1/19/2010	0.97	152.76	2.73	NA	129.68	2.24
3R6	61	1/19/2010	1/22/2010	0.56	153.32	2.69	1.97	131.65	2.23
3R7	62	1/22/2010	1/25/2010	0.12	153.44	2.65	0.50	132.15	2.20
3R8	63	1/25/2010	1/28/2010	0.94	154.38	2.62	0.99	133.14	2.18
3R9	64	1/28/2010	1/31/2010	1.21	155.59	2.59	1.81	134.95	2.18
3R10	65	1/31/2010	2/3/2010	0.12	155.71	2.55	0.70	135.65	2.15

Table Notes:

Bold	Above Reporting Limit 2.27 ug/m3
N.I.	Not Included, lab contaminants
NA	Not Analyzed

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
3R11	66	2/3/2010	2/6/2010	0.01	155.72	2.51	1.82	137.47	2.15
3R12	67	2/6/2010	2/9/2010	0.65	156.37	2.48	1.05	138.52	2.13
3R13	68	2/9/2010	2/12/2010	0.36	156.73	2.45	0.48	139.00	2.11
3R14	69	2/12/2010	2/15/2010	1.06	157.79	2.43	0.45	139.45	2.08
3R15	70	2/15/2010	2/18/2010	0.18	157.97	2.39	NA	139.45	2.08
3R16	71	2/18/2010	2/21/2010	0.07	158.04	2.36	1.87	141.32	2.08
3R17	72	2/21/2010	2/24/2010	0.05	158.09	2.32	NA	141.32	2.08
3PP1	73	2/24/2010	2/27/2010	0.43	158.52	2.30	1.63	142.95	2.07
3PP2	74	2/27/2010	3/2/2010	0.65	159.17	2.27	1.66	144.61	2.07
4R1	75	3/18/2010	3/21/2010	0.71	159.88	2.25	1.55	146.16	2.06
4R2	76	3/21/2010	3/24/2010	0.70	160.58	2.23	0.02	146.18	2.03
4R3	77	3/24/2010	3/27/2010	0.22	160.80	2.20	1.87	148.05	2.03
4R4	78	3/27/2010	3/30/2010	0.66	161.46	2.18	1.81	149.86	2.03
4R5	79	3/30/2010	4/2/2010	0.72	162.18	2.16	2.25	152.11	2.03
4R6	80	4/2/2010	4/5/2010	1.23	163.41	2.15	1.46	153.57	2.02
4R7	81	4/5/2010	4/8/2010	0.26	163.67	2.13	2.02	155.59	2.02
4R8	82	4/8/2010	4/11/2010	0.62	164.29	2.11	1.93	157.52	2.02
4R9	83	4/11/2010	4/14/2010	1.72	166.01	2.10	0.25	157.77	2.00
4R10	84	4/14/2010	4/17/2010	0.52	166.53	2.08	1.59	159.36	1.99
4R11	85	4/17/2010	4/20/2010	0.17	166.70	2.06	0.62	159.98	1.98
4R12	86	4/20/2010	4/23/2010	0.97	167.67	2.04	0.22	160.20	1.95
4R13	87	4/23/2010	4/26/2010	0.19	167.86	2.02	0.49	160.69	1.94
4R14	88	4/26/2010	4/29/2010	0.38	168.24	2.00	1.38	162.07	1.93
4R15	89	4/29/2010	5/2/2010	1.47	169.71	2.00	0.24	162.31	1.91
4R16	90	5/2/2010	5/5/2010	0.22	169.93	1.98	1.87	164.18	1.91
4R17	91	5/5/2010	5/8/2010	1.12	171.05	1.97	0.45	164.63	1.89
4R18	92	5/8/2010	5/11/2010	0.33	171.38	1.95	0.18	164.81	1.87
4R19	93	5/11/2010	5/14/2010	**3.90**	175.28	1.97	1.37	166.18	1.87
4R20	94	5/14/2010	5/17/2010	**3.15**	178.43	1.98	0.36	166.54	1.85
4R21	95	5/17/2010	5/20/2010	**7.79**	186.22	2.05	1.14	167.68	1.84
4R22	96	5/20/2010	5/23/2010	**3.15**	189.37	2.06	0.74	168.42	1.83
4R223	97	5/23/2010	5/26/2010	**5.52**	194.89	2.10	**5.20**	173.62	1.87
4R24	98	5/26/2010	5/29/2010	0.26	195.15	2.08	2.22	175.84	1.87
4R25	99	5/29/2010	6/1/2010	0.18	195.33	2.06	1.47	177.31	1.87
4R26	100	6/1/2010	6/4/2010	0.58	195.91	2.04	1.93	179.24	1.87
4R27	101	6/4/2010	6/7/2010	0.73	196.64	2.03	2.24	181.48	1.87
4R28	102	6/7/2010	6/10/2010	0.20	196.84	2.01	1.29	182.77	1.87
4PP1	103	6/10/2010	6/13/2010	0.11	196.95	1.99	1.11	183.88	1.86
4PP2	104	6/13/2010	6/16/2010	0.45	197.40	1.97	1.63	185.51	1.86
5R1	105	6/30/2010	7/3/2010	0.68	198.08	1.96	0.44	185.95	1.84
5R2	106	7/3/2010	7/6/2010	0.78	198.86	1.95	2.10	188.05	1.84
5R3	107	7/6/2010	7/9/2010	0.70	199.56	1.94	0.17	188.22	1.83
5R4	108	7/9/2010	7/12/2010	0.44	200.00	1.92	0.37	188.59	1.81
5R5	109	7/12/2010	7/15/2010	0.12	200.12	1.91	2.22	190.81	1.82
5R6	110	7/15/2010	7/18/2010	0.23	200.35	1.89	0.87	191.68	1.81
5R7	111	7/18/2010	7/21/2010	0.80	201.15	1.88	**7.14**	198.82	1.86
5R8	112	7/21/2010	7/24/2010	**3.25**	204.40	1.89	**3.57**	202.39	1.87
5R9	113	7/24/2010	7/27/2010	0.15	204.55	1.88	2.18	204.57	1.88
5R10	114	7/27/2010	7/30/2010	1.65	206.20	1.87	1.67	206.24	1.87
5R11	115	7/30/2010	8/2/2010	0.70	206.90	1.86	0.77	207.01	1.86
5R12	116	8/2/2010	8/5/2010	**4.87**	211.77	1.89	1.22	208.23	1.86
5R13	117	8/5/2010	8/8/2010	0.09	211.86	1.87	1.39	209.62	1.86
5R14	118	8/8/2010	8/11/2010	0.88	212.74	1.87	1.05	210.67	1.85
5R15	119	8/11/2010	8/14/2010	0.20	212.94	1.85	1.66	212.33	1.85
5R16	120	8/14/2010	8/17/2010	0.48	213.42	1.84	0.58	212.91	1.84
5R17	121	8/17/2010	8/20/2010	0.96	214.38	1.83	1.25	214.16	1.83
5R18	122	8/20/2010	8/23/2010	0.49	214.87	1.82	2.08	216.24	1.83
5R19	123	8/23/2010	8/26/2010	0.21	215.08	1.81	1.96	218.20	1.83
5R20	124	8/26/2010	8/29/2010	1.57	216.65	1.81	0.53	218.73	1.82
5R21	125	8/29/2010	9/1/2010	1.5	218.15	1.80	1.39	220.12	1.82
5R22	126	9/1/2010	9/4/2010	0.26	218.41	1.79	0.63	220.75	1.81
5R23	127	9/4/2010	9/7/2010	0.39	218.80	1.78	0.91	221.66	1.80
5R24	128	9/7/2010	9/10/2010	1.18	219.98	1.77	0.4	222.06	1.79
5R25	129	9/10/2010	9/13/2010	0.8	220.78	1.77	0.23	222.29	1.78
5R26	130	9/13/2010	9/16/2010	0.38	221.16	1.76	0.76	223.05	1.77

Table Notes:

Bold	Above Reporting Limit 2.27 ug/m3
N.I.	Not Included, lab contaminants
NA	Not Analyzed

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
5R27	131	9/16/2010	9/19/2010	1.58	222.74	1.75	0.69	223.74	1.76
5PP1	132	9/19/2010	9/22/2010	0.29	223.03	1.72	1.36	225.10	1.74
5PP2	133	9/22/2010	9/25/2010	1.21	224.24	1.71	0.42	225.52	1.73
6R1	134	10/4/2010	10/7/2010	0.20	224.44	1.70	0.28	225.80	1.72
6R2	135	10/7/2010	10/10/2010	0.14	224.58	1.69	1.08	226.88	1.72
6R3	136	10/10/2010	10/13/2010	1.63	226.21	1.69	1.00	227.88	1.71
6R4	137	10/13/2010	10/16/2010	0.15	226.36	1.68	1.35	229.23	1.71
6R5	138	10/16/2010	10/19/2010	0.66	227.02	1.67	0.74	229.97	1.70
6R6	139	10/19/2010	10/22/2010	0.16	227.18	1.66	1.98	231.95	1.71
6R7	140	10/22/2010	10/25/2010	0.56	227.74	1.65	0.72	232.67	1.70
6R8	141	10/25/2010	10/28/2010	0.14	227.88	1.64	0.18	232.85	1.69
6R9	142	10/28/2010	10/31/2010	0.56	228.44	1.63	0.06	232.91	1.68
6R10	143	10/31/2010	11/3/2010	0.17	228.61	1.62	0.65	233.56	1.67
6R11	144	11/3/2010	11/6/2010	1.08	229.69	1.62	0.88	234.44	1.66
6R12	145	11/6/2010	11/9/2010	0.20	229.89	1.61	1.30	235.74	1.66
6R13	146	11/9/2010	11/12/2010	0.65	230.54	1.60	0.15	235.89	1.65
6R14	147	11/12/2010	11/15/2010	0.14	230.68	1.59	1.74	237.63	1.65
6R15	148	11/15/2010	11/18/2010	1.11	231.79	1.59	1.24	238.87	1.65
6R16	149	11/18/2010	11/21/2010	0.16	231.95	1.58	1.24	240.11	1.64
6R17	150	11/21/2010	11/24/2010	0.61	232.56	1.57	0.01	240.12	1.63
6R18	151	11/24/2010	11/27/2010	0.71	233.27	1.57	0.91	241.03	1.63
6R19	152	11/27/2010	11/30/2010	1.16	234.43	1.56	0.11	241.14	1.62
6R20	153	11/30/2010	12/3/2010	0.17	234.60	1.55	1.90	243.04	1.62
6R21	154	12/3/2010	12/6/2010	0.14	234.74	1.54	1.96	245.00	1.62
6R22	155	12/6/2010	12/9/2010	0.06	234.80	1.53	0.76	245.76	1.62
6PP1	156	12/9/2010	12/12/2010	0.17	234.97	1.53	0.78	246.54	1.61
6PP2	157	12/12/2010	12/15/2010	0.19	235.16	1.52	1.40	247.94	1.61
7R1	158	1/3/2011	1/6/2011	0.19	235.35	1.51	0.38	248.32	1.60
7R2	159	1/6/2011	1/9/2011	0.21	235.56	1.50	1.72	250.04	1.60
7R3	160	1/9/2011	1/12/2011	1.04	236.60	1.50	2.10	252.14	1.61
7R4	161	1/12/2011	1/15/2011	0.06	236.66	1.49	1.10	253.24	1.60
7R5	162	1/15/2011	1/18/2011	0.69	237.35	1.48	2.26	255.50	1.61
7R6	163	1/18/2011	1/21/2011	0.67	238.02	1.48	1.22	256.72	1.60
7R7	164	1/21/2011	1/24/2011	0.46	238.48	1.47	1.67	258.39	1.60
7R8	165	1/24/2011	1/27/2011	0.22	238.70	1.46	0.07	258.46	1.60
7R9	166	1/27/2011	1/30/2011	0.20	238.90	1.46	0.25	258.71	1.59
7R10	167	1/30/2011	2/2/2011	0.55	239.45	1.45	0.13	258.84	1.58
7R11	168	2/2/2011	2/5/2011	0.18	239.63	1.44	1.07	259.91	1.58
7R12	169	2/5/2011	2/8/2011	0.96	240.59	1.44	1.89	261.80	1.58
7R13	170	2/8/2011	2/11/2011	0.59	241.18	1.44	0.33	262.13	1.57
7R14	171	2/11/2011	2/14/2011	0.05	241.23	1.43	0.58	262.71	1.56
7R15	172	2/14/2011	2/17/2011	0.88	242.11	1.42	0.43	263.14	1.56
7R16	173	2/17/2011	2/20/2011	0.10	242.21	1.42	1.73	264.87	1.56
7R17	174	2/20/2011	2/23/2011	0.45	242.66	1.41	0.54	265.41	1.55
7R18	175	2/23/2011	2/26/2011	0.91	243.57	1.41	0.93	266.34	1.55
7R19	176	2/26/2011	3/1/2011	1.34	244.91	1.41	1.21	267.55	1.55
7R20	177	3/1/2011	3/4/2011	1.89	246.80	1.41	1.17	268.72	1.54
7R21	178	3/4/2011	3/7/2011	1.13	247.93	1.41	0.60	269.32	1.54
7R22	179	3/7/2011	3/10/2011	0.04	247.97	1.40	2.23	271.55	1.54
7PP1	180	3/10/2011	3/13/2011	0.49	248.46	1.40	0.32	271.87	1.54
7PP2	181	3/13/2011	3/16/2011	1.69	250.15	1.40	2.11	273.98	1.54
8R1	182	3/28/2011	3/31/2011	0.19	250.34	1.39	0.45	274.43	1.53
8R2	183	4/3/2011	4/6/2011	0.78	251.12	1.39	0.89	275.32	1.53
8R3	184	4/6/2011	4/9/2011	1.10	252.22	1.39	0.63	275.95	1.52
8R4	185	4/9/2011	4/12/2011	0.28	252.50	1.38	2.12	278.07	1.53
8R5	186	4/12/2011	4/15/2011	1.05	253.55	1.38	0.40	278.47	1.52
8R6	187	4/15/2011	4/18/2011	1.45	255.00	1.38	1.76	280.23	1.52
8R7	188	4/18/2011	4/21/2011	1.08	256.08	1.38	0.82	281.05	1.52
8R8	189	4/21/2011	4/24/2011	1.12	257.20	1.38	1.90	282.95	1.52
8R9	190	4/24/2011	4/27/2011	1.04	258.24	1.37	1.67	284.62	1.52
8R10	191	4/27/2011	4/30/2011	0.14	258.38	1.37	0.52	285.14	1.52
8R11	192	4/30/2011	5/3/2011	0.06	258.44	1.36	0.78	285.92	1.51
8PP1	193	5/3/2011	5/6/2011	0.23	258.67	1.35	0.60	286.52	1.51
9R1	194	5/10/2011	5/13/2011	0.35	259.02	1.35	1.24	287.76	1.51
9R2	195	5/13/2011	5/16/2011	1.82	260.84	1.35	0.70	288.46	1.50

Table Notes:

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NA	Not Analyzed

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
9R3	196	5/16/2011	5/19/2011	0.64	261.48	1.35	1.96	290.42	1.50
9R4	197	5/19/2011	5/22/2011	0.18	261.66	1.34	1.85	292.27	1.51
9R5	198	5/22/2011	5/25/2011	1.19	262.85	1.34	0.68	292.95	1.50
9R6	199	5/25/2011	5/28/2011	0.36	263.21	1.34	2.19	295.14	1.51
9R7	200	5/28/2011	5/31/2011	0.87	264.08	1.33	0.76	295.90	1.50
9R8	201	5/31/2011	6/3/2011	1.23	265.31	1.33	0.68	296.58	1.50
9R9	202	6/3/2011	6/6/2011	0.75	266.06	1.33	1.61	298.19	1.50
9R10	203	6/6/2011	6/9/2011	1.03	267.09	1.33	**4.87**	303.06	1.52
9R11	204	6/9/2011	6/12/2011	1.11	268.20	1.33	1.68	304.74	1.52
9R12	205	6/12/2011	6/15/2011	0.38	268.58	1.32	1.47	306.21	1.52
9R13	206	6/15/2011	6/18/2011	0.35	268.93	1.32	0.71	306.92	1.51
9R14	207	6/18/2011	6/21/2011	1.08	270.01	1.32	1.80	308.72	1.51
9R15	208	6/21/2011	6/24/2011	1.21	271.22	1.32	0.73	309.45	1.51
9R16	209	6/24/2011	6/27/2011	**4.55**	275.77	1.33	1.69	311.14	1.51
9R17	210	6/27/2011	6/30/2011	0.22	275.99	1.33	0.81	311.95	1.51
9R18	211	6/30/2011	7/3/2011	0.54	276.53	1.32	0.36	312.31	1.50
9R19	212	7/3/2011	7/6/2011	1.36	277.89	1.32	0.54	312.85	1.50
9R20	213	7/6/2011	7/9/2011	0.01	277.90	1.32	1.04	313.89	1.49
9R21	214	7/9/2011	7/12/2011	1.08	278.98	1.32	1.89	315.78	1.50
9R22	215	7/12/2011	7/15/2011	0.23	279.21	1.31	2.26	318.04	1.50
9R23	216	7/15/2011	7/18/2011	0.70	279.91	1.31	0.63	318.67	1.50
9R24	217	7/18/2011	7/21/2011	0.42	280.33	1.30	1.38	320.05	1.50
9R25	218	7/21/2011	7/24/2011	1.35	281.68	1.30	0.90	320.95	1.49
9R26	219	7/24/2011	7/27/2011	0.26	281.94	1.30	0.18	321.13	1.49
OR1	220	7/27/2011	7/30/2011	0.16	282.10	1.29	0.77	321.90	1.48
OR2	221	7/30/2011	8/2/2011	1.85	283.95	1.30	1.87	323.77	1.49
OR3	222	8/2/2011	8/5/2011	1.39	285.34	1.30	1.57	325.34	1.49
OR4	223	8/5/2011	8/8/2011	1.65	286.99	1.30	1.78	327.12	1.49
OR5	224	8/8/2011	8/11/2011	1.38	288.37	1.30	1.44	328.56	1.49
OR6	225	8/11/2011	8/14/2011	0.61	288.98	1.30	2.22	330.78	1.49
OR7	226	8/14/2011	8/17/2011	**14.6**	303.58	1.36	0.90	331.68	1.49
OR8	227	8/17/2011	8/20/2011	0.13	303.71	1.35	**2.92**	334.60	1.49
OR9	228	8/20/2011	8/23/2011	1.97	305.68	1.35	0.93	335.53	1.49
OR10	229	8/23/2011	8/26/2011	1.03	306.71	1.35	1.14	336.67	1.49
OPP1	230	8/26/2011	8/29/2011	0.77	307.48	1.35	0.89	337.56	1.49
OPP2	231	8/29/2011	9/1/2011	0.59	308.07	1.35	1.60	339.16	1.49

Table Notes:

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N.I.	Not Included, lab contaminants
NA	Not Analyzed

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-03D		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
1R1	1	6/24/2009	6/27/2009	1.11	1.11	1.11	2.11	2.11	2.11
1R2	2	6/27/2009	6/30/2009	2.17	3.28	1.64	N.A.	2.11	2.11
1R3	3	6/30/2009	7/3/2009	2.15	5.43	1.81	1.68	3.79	1.90
1R4	4	7/3/2009	7/6/2009	1.36	6.79	1.70	2.21	6.00	2.00
1R5	5	7/6/2009	7/9/2009	0.77	7.56	1.51	**3.25**	9.25	2.31
1R6	6	7/9/2009	7/12/2009	1.73	9.29	1.55	0.79	10.04	2.01
1R7	7	7/12/2009	7/15/2009	0.63	9.92	1.42	1.35	11.39	1.90
1R8	8	7/15/2009	7/18/2009	1.30	11.22	1.40	0.43	11.82	1.69
1R9	9	7/18/2009	7/21/2009	2.08	13.30	1.48	1.73	13.55	1.69
1R10	10	7/21/2009	7/24/2009	0.05	13.35	1.34	1.77	15.32	1.70
1R11	11	7/24/2009	7/27/2009	1.82	15.17	1.38	**N.I.**	15.32	1.70
1R12	12	7/27/2009	7/30/2009	**3.02**	18.19	1.52	2.10	17.42	1.74
1R13	13	7/30/2009	8/2/2009	1.45	19.64	1.51	N.A.	17.42	1.74
1R14	14	8/2/2009	8/5/2009	1.73	21.37	1.53	0.36	17.78	1.62
1R15	15	8/5/2009	8/8/2009	1.57	22.94	1.53	1.40	19.18	1.60
1R16	16	8/8/2009	8/11/2009	0.84	23.78	1.49	1.85	21.03	1.62
1R17	17	8/11/2009	8/14/2009	1.05	24.83	1.46	0.71	21.74	1.55
1R18	18	8/14/2009	8/17/2009	1.14	25.97	1.44	2.07	23.81	1.59
1R19	19	8/17/2009	8/20/2009	0.57	26.54	1.40	1.63	25.44	1.59
1R20	20	8/20/2009	8/23/2009	1.43	27.97	1.40	0.73	26.17	1.54
1R21	21	8/23/2009	8/26/2009	1.87	29.84	1.42	1.51	27.68	1.54
1R22	22	8/26/2009	8/29/2009	1.16	31.00	1.41	1.42	29.10	1.53
1R23	23	8/29/2009	9/1/2009	0.93	31.93	1.39	2.08	31.18	1.56
1R24	24	9/1/2009	9/4/2009	**5.52**	37.45	1.56	0.85	32.03	1.53
1R25	25	9/4/2009	9/7/2009	1.77	39.22	1.57	2.15	34.18	1.55
1R26	26	9/7/2009	9/10/2009	1.64	40.86	1.57	0.44	34.62	1.51
1R27	27	9/10/2009	9/13/2009	0.47	41.33	1.53	0.21	34.83	1.45
1R28	28	9/13/2009	9/16/2009	1.81	43.14	1.54	0.81	35.64	1.43
1R29	29	9/16/2009	9/19/2009	0.50	43.64	1.50	0.32	35.96	1.38
1R30	30	9/19/2009	9/22/2009	0.23	43.87	1.46	0.42	36.38	1.35
1PP1	31	9/22/2009	9/25/2009	1.06	44.93	1.45	0.68	37.06	1.32
1PP2	32	9/25/2009	9/28/2009	0.15	45.08	1.41	2.04	39.10	1.35
2R1	33	10/14/2009	10/17/2009	0.71	45.79	1.39	0.83	39.93	1.33
2R2	34	10/17/2009	10/20/2009	0.68	46.47	1.37	1.04	40.97	1.32
2R3	35	10/20/2009	10/23/2009	2.06	48.53	1.39	0.62	41.59	1.30
2R4	36	10/23/2009	10/26/2009	0.62	49.15	1.37	0.49	42.08	1.28
2R5	37	10/26/2009	10/29/2009	2.16	51.31	1.39	1.35	43.43	1.28
2R6	38	10/29/2009	11/1/2009	2.03	53.34	1.40	1.26	44.69	1.28
2R7	39	11/1/2009	11/4/2009	0.46	53.80	1.38	0.58	45.27	1.26
2R8	40	11/4/2009	11/7/2009	0.56	54.36	1.36	0.14	45.41	1.23
2R9	41	11/7/2009	11/10/2009	0.39	54.75	1.34	0.93	46.34	1.22
2R10	42	11/10/2009	11/13/2009	1.26	56.01	1.33	1.42	47.76	1.22
2R11	43	11/13/2009	11/16/2009	2.26	58.27	1.36	1.17	48.93	1.22
2R12	44	11/16/2009	11/19/2009	0.28	58.55	1.33	1.11	50.04	1.22
2R13	45	11/19/2009	11/22/2009	**2.31**	60.86	1.35	1.50	51.54	1.23
2R14	46	11/22/2009	11/25/2009	**11.02**	71.88	1.56	**15.89**	67.43	1.57
2R15	47	11/25/2009	11/28/2009	1.34	73.22	1.56	NA	67.44	1.57
2R16	48	11/28/2009	12/1/2009	1.84	75.06	1.56	1.97	69.41	1.58
2R17	49	12/1/2009	12/4/2009	0.21	75.27	1.54	0.35	69.76	1.55
2R18	50	12/4/2009	12/7/2009	0.54	75.81	1.52	2.17	71.93	1.56
2R19	51	12/7/2009	12/10/2009	1.78	77.59	1.52	1.00	72.93	1.55
2R20	52	12/10/2009	12/13/2009	0.72	78.31	1.51	1.32	74.25	1.55
2R21	53	12/13/2009	12/16/2009	1.33	79.64	1.50	NA	74.25	1.55
2PP1	54	12/16/2009	12/19/2009	0.06	79.70	1.48	**2.30**	76.55	1.56
2PP2	55	12/19/2009	12/22/2009	1.82	81.52	1.48	0.26	76.81	1.54
3R1	56	1/4/2010	1/7/2010	1.06	82.58	1.47	1.39	78.20	1.53
3R2	57	1/7/2010	1/10/2010	1.73	84.31	1.48	0.27	78.47	1.51
3R3	58	1/10/2010	1/13/2010	1.76	86.07	1.48	1.39	79.86	1.51
3R4	59	1/13/2010	1/16/2010	0.50	86.57	1.47	0.93	80.79	1.50
3R5	60	1/16/2010	1/19/2010	2.21	88.78	1.48	NA	80.79	1.50
3R6	61	1/19/2010	1/22/2010	0.92	89.70	1.47	2.01	82.80	1.51
3R7	62	1/22/2010	1/25/2010	1.87	91.57	1.48	0.68	83.48	1.49
3R8	63	1/25/2010	1/28/2010	1.58	93.15	1.48	1.14	84.62	1.48
3R9	64	1/28/2010	1/31/2010	0.60	93.75	1.46	1.15	85.77	1.48
3R10	65	1/31/2010	2/3/2010	0.57	94.32	1.45	1.62	87.39	1.48

Table Notes:

Bold	Above Reporting Limit 2.27 ug/m3
N.I.	Not Included, lab contaminants
NA	Not Analyzed

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-03D		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
3R11	66	2/3/2010	2/6/2010	1.18	95.50	1.45	1.20	88.59	1.48
3R12	67	2/6/2010	2/9/2010	1.24	96.74	1.44	1.42	90.01	1.48
3R13	68	2/9/2010	2/12/2010	2.10	98.84	1.45	1.97	91.98	1.48
3R14	69	2/12/2010	2/15/2010	1.13	99.97	1.45	1.02	93.00	1.48
3R15	70	2/15/2010	2/18/2010	1.21	101.18	1.45	0.21	93.21	1.46
3R16	71	2/18/2010	2/21/2010	2.25	103.43	1.46	1.49	94.70	1.46
3R17	72	2/21/2010	2/24/2010	0.75	104.18	1.45	0.65	95.35	1.44
3PP1	73	2/24/2010	2/27/2010	1.21	105.39	1.44	0.01	95.36	1.42
3PP2	74	2/27/2010	3/2/2010	1.81	107.20	1.45	0.32	95.68	1.41
4R1	75	3/18/2010	3/21/2010	0.81	108.01	1.44	0.40	96.08	1.39
4R2	76	3/21/2010	3/24/2010	1.85	109.86	1.45	1.60	97.68	1.40
4R3	77	3/24/2010	3/27/2010	0.92	110.78	1.44	1.64	99.32	1.40
4R4	78	3/27/2010	3/30/2010	0.62	111.40	1.43	0.03	99.35	1.38
4R5	79	3/30/2010	4/2/2010	2.13	113.53	1.44	1.78	101.13	1.39
4R6	80	4/2/2010	4/5/2010	1.24	114.77	1.43	**4.87**	106.00	1.43
4R7	81	4/5/2010	4/8/2010	**61.31**	176.08	2.17	**48.33**	154.33	2.06
4R8	82	4/8/2010	4/11/2010	1.48	177.56	2.17	1.83	156.16	2.05
4R9	83	4/11/2010	4/14/2010	0.33	177.89	2.14	**4.22**	160.38	2.08
4R10	84	4/14/2010	4/17/2010	1.02	178.91	2.13	0.22	160.60	2.06
4R11	85	4/17/2010	4/20/2010	0.89	179.80	2.12	2.18	162.78	2.06
4R12	86	4/20/2010	4/23/2010	0.55	180.35	2.10	1.11	163.89	2.05
4R13	87	4/23/2010	4/26/2010	1.90	182.25	2.09	0.26	164.15	2.03
4R14	88	4/26/2010	4/29/2010	1.27	183.52	2.09	1.18	165.33	2.02
4R15	89	4/29/2010	5/2/2010	0.67	184.19	2.07	0.37	165.70	2.00
4R16	90	5/2/2010	5/5/2010	2.17	186.36	2.07	0.95	166.65	1.98
4R17	91	5/5/2010	5/8/2010	0.47	186.83	2.05	1.12	167.77	1.97
4R18	92	5/8/2010	5/11/2010	0.07	186.90	2.03	0.79	168.56	1.96
4R19	93	5/11/2010	5/14/2010	1.83	188.73	2.03	1.05	169.61	1.95
4R20	94	5/14/2010	5/17/2010	1.23	189.96	2.02	1.45	171.06	1.94
4R21	95	5/17/2010	5/20/2010	1.65	191.61	2.02	0.20	171.26	1.92
4R22	96	5/20/2010	5/23/2010	**2.99**	194.60	2.03	**3.57**	174.83	1.94
4R223	97	5/23/2010	5/26/2010	**5.52**	200.12	2.06	**4.55**	179.38	1.97
4R24	98	5/26/2010	5/29/2010	0.42	200.54	2.05	**3.02**	182.40	1.98
4R25	99	5/29/2010	6/1/2010	**2.99**	203.53	2.06	**3.57**	185.97	2.00
4R26	100	6/1/2010	6/4/2010	0.56	204.09	2.04	1.26	187.23	1.99
4R27	101	6/4/2010	6/7/2010	**6.17**	210.26	2.08	**8.12**	195.35	2.06
4R28	102	6/7/2010	6/10/2010	0.24	210.50	2.06	0.87	196.22	2.04
4PP1	103	6/10/2010	6/13/2010	0.46	210.96	2.05	1.39	197.61	2.04
4PP2	104	6/13/2010	6/16/2010	0.06	211.02	2.03	1.23	198.84	2.03
5R1	105	6/30/2010	7/3/2010	0.02	211.04	2.01	1.40	200.24	2.02
5R2	106	7/3/2010	7/6/2010	2.04	213.08	2.01	1.27	201.51	2.02
5R3	107	7/6/2010	7/9/2010	1.74	214.82	2.01	1.14	202.65	2.01
5R4	108	7/9/2010	7/12/2010	1.72	216.54	2.01	0.20	202.85	1.99
5R5	109	7/12/2010	7/15/2010	0.28	216.82	1.99	1.11	203.96	1.98
5R6	110	7/15/2010	7/18/2010	0.13	216.95	1.97	0.57	204.53	1.97
5R7	111	7/18/2010	7/21/2010	1.05	218.00	1.96	0.87	205.40	1.96
5R8	112	7/21/2010	7/24/2010	**3.90**	221.90	1.98	**8.44**	213.84	2.02
5R9	113	7/24/2010	7/27/2010	2.12	224.02	1.98	2.14	215.98	2.02
5R10	114	7/27/2010	7/30/2010	0.73	224.75	1.97	0.16	216.14	2.00
5R11	115	7/30/2010	8/2/2010	0.39	225.14	1.96	0.73	216.87	1.99
5R12	116	8/2/2010	8/5/2010	1.82	226.96	1.96	0.07	216.94	1.97
5R13	117	8/5/2010	8/8/2010	1.41	228.37	1.95	1.30	218.24	1.97
5R14	118	8/8/2010	8/11/2010	0.19	228.56	1.94	0.92	219.16	1.96
5R15	119	8/11/2010	8/14/2010	2.04	230.60	1.94	0.21	219.37	1.94
5R16	120	8/14/2010	8/17/2010	0.95	231.55	1.93	0.30	219.67	1.93
5R17	121	8/17/2010	8/20/2010	**4.55**	236.10	1.95	0.58	220.25	1.92
5R18	122	8/20/2010	8/23/2010	0.85	236.95	1.94	0.67	220.92	1.90
5R19	123	8/23/2010	8/26/2010	1.61	238.56	1.94	0.35	221.27	1.89
5R20	124	8/26/2010	8/29/2010	1.46	240.02	1.94	0.67	221.94	1.88
5R21	125	8/29/2010	9/1/2010	1.58	241.60	1.93	0.9	222.84	1.87
5R22	126	9/1/2010	9/4/2010	**9.41**	251.01	1.99	**8.43**	231.27	1.93
5R23	127	9/4/2010	9/7/2010	0.93	251.94	1.98	0.67	231.94	1.92
5R24	128	9/7/2010	9/10/2010	0.55	252.49	1.97	0.45	232.39	1.90
5R25	129	9/10/2010	9/13/2010	1.41	253.90	1.97	0.43	232.82	1.89
5R26	130	9/13/2010	9/16/2010	0.03	253.93	1.95	**11.03**	243.85	1.97

Table Notes:

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N.I.	Not Included, lab contaminants
NA	Not Analyzed

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-03D		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
5R27	131	9/16/2010	9/19/2010	0.73	254.66	1.94	1.46	245.31	1.96
5PP1	132	9/19/2010	9/22/2010	0.50	255.16	1.92	1.42	246.73	1.96
5PP2	133	9/22/2010	9/25/2010	0.49	255.65	1.92	0.12	246.85	1.94
6R1	134	10/4/2010	10/7/2010	1.33	256.98	1.92	0.21	247.06	1.93
6R2	135	10/7/2010	10/10/2010	1.69	258.67	1.92	0.07	247.13	1.92
6R3	136	10/10/2010	10/13/2010	0.36	259.03	1.90	1.62	248.75	1.91
6R4	137	10/13/2010	10/16/2010	1.54	260.57	1.90	1.25	250.00	1.91
6R5	138	10/16/2010	10/19/2010	1.11	261.68	1.90	1.20	251.20	1.90
6R6	139	10/19/2010	10/22/2010	2.02	263.70	1.90	0.15	251.35	1.89
6R7	140	10/22/2010	10/25/2010	0.46	264.16	1.89	**3.57**	254.92	1.90
6R8	141	10/25/2010	10/28/2010	0.97	265.13	1.88	1.91	256.83	1.90
6R9	142	10/28/2010	10/31/2010	0.89	266.02	1.87	0.52	257.35	1.89
6R10	143	10/31/2010	11/3/2010	2.05	268.07	1.87	0.64	257.99	1.88
6R11	144	11/3/2010	11/6/2010	2.10	270.17	1.88	0.25	258.24	1.87
6R12	145	11/6/2010	11/9/2010	1.71	271.88	1.88	1.38	259.62	1.87
6R13	146	11/9/2010	11/12/2010	1.09	272.97	1.87	2.12	261.74	1.87
6R14	147	11/12/2010	11/15/2010	1.00	273.97	1.86	0.88	262.62	1.86
6R15	148	11/15/2010	11/18/2010	**5.2**	279.17	1.89	1.76	264.38	1.86
6R16	149	11/18/2010	11/21/2010	1.54	280.71	1.88	0.22	264.60	1.85
6R17	150	11/21/2010	11/24/2010	0.17	280.88	1.87	1.48	266.08	1.85
6R18	151	11/24/2010	11/27/2010	0.89	281.77	1.87	0.02	266.10	1.84
6R19	152	11/27/2010	11/30/2010	1.30	283.07	1.86	1.46	267.56	1.83
6R20	153	11/30/2010	12/3/2010	1.00	284.07	1.86	1.94	269.50	1.83
6R21	154	12/3/2010	12/6/2010	0.15	284.22	1.85	2.14	271.64	1.84
6R22	155	12/6/2010	12/9/2010	1.98	286.20	1.85	1.23	272.87	1.82
6PP1	156	12/9/2010	12/12/2010	1.18	287.38	1.84	1.46	274.33	1.82
6PP2	157	12/12/2010	12/15/2010	0.50	287.88	1.83	0.72	275.05	1.81
7R1	158	1/3/2011	1/6/2011	0.56	288.44	1.83	0.16	275.21	1.80
7R2	159	1/6/2011	1/9/2011	1.67	290.11	1.82	0.21	275.42	1.79
7R3	160	1/9/2011	1/12/2011	1.81	291.92	1.82	0.06	275.48	1.78
7R4	161	1/12/2011	1/15/2011	0.40	292.32	1.82	0.86	276.34	1.77
7R5	162	1/15/2011	1/18/2011	1.07	293.39	1.81	1.15	277.49	1.77
7R6	163	1/18/2011	1/21/2011	1.56	294.95	1.81	0.31	277.80	1.76
7R7	164	1/21/2011	1/24/2011	1.94	296.89	1.81	0.08	277.88	1.75
7R8	165	1/24/2011	1/27/2011	1.74	298.63	1.81	1.46	279.34	1.75
7R9	166	1/27/2011	1/30/2011	1.86	300.49	1.81	2.02	281.36	1.75
7R10	167	1/30/2011	2/2/2011	1.27	301.76	1.81	0.13	281.49	1.74
7R11	168	2/2/2011	2/5/2011	1.22	302.98	1.80	0.10	281.59	1.73
7R12	169	2/5/2011	2/8/2011	0.66	303.64	1.80	0.50	282.09	1.72
7R13	170	2/8/2011	2/11/2011	1.28	304.92	1.79	0.01	282.10	1.71
7R14	171	2/11/2011	2/14/2011	0.14	305.06	1.78	1.06	283.16	1.71
7R15	172	2/14/2011	2/17/2011	1.02	306.08	1.78	0.22	283.38	1.70
7R16	173	2/17/2011	2/20/2011	1.27	307.35	1.78	0.69	284.07	1.69
7R17	174	2/20/2011	2/23/2011	0.29	307.64	1.77	0.76	284.83	1.69
7R18	175	2/23/2011	2/26/2011	0.15	307.79	1.76	0.52	285.35	1.68
7R19	176	2/26/2011	3/1/2011	0.61	308.40	1.75	0.11	285.46	1.67
7R20	177	3/1/2011	3/4/2011	0.17	308.57	1.74	0.63	286.09	1.66
7R21	178	3/4/2011	3/7/2011	0.79	309.36	1.74	0.46	286.55	1.66
7R22	179	3/7/2011	3/10/2011	0.91	310.27	1.73	0.96	287.51	1.65
7PP1	180	3/10/2011	3/13/2011	0.69	310.96	1.73	0.52	288.03	1.65
7PP2	181	3/13/2011	3/16/2011	0.26	311.22	1.72	1.27	289.30	1.64
8R1	182	3/28/2011	3/31/2011	0.15	311.37	1.71	0.54	289.84	1.64
8R2	183	4/3/2011	4/6/2011	0.06	311.43	1.70	**2.44**	292.28	1.64
8R3	184	4/6/2011	4/9/2011	0.82	312.25	1.70	2.03	294.31	1.64
8R4	185	4/9/2011	4/12/2011	0.55	312.80	1.69	1.28	295.59	1.64
8R5	186	4/12/2011	4/15/2011	0.33	313.13	1.68	2.11	297.70	1.64
8R6	187	4/15/2011	4/18/2011	1.70	314.83	1.68	0.19	297.89	1.64
8R7	188	4/18/2011	4/21/2011	1.09	315.92	1.68	1.77	299.66	1.64
8R8	189	4/21/2011	4/24/2011	0.07	315.99	1.67	0.34	300.00	1.63
8R9	190	4/24/2011	4/27/2011	0.33	316.32	1.66	1.03	301.03	1.63
8R10	191	4/27/2011	4/30/2011	2.03	318.35	1.67	0.90	301.93	1.62
8R11	192	4/30/2011	5/3/2011	1.50	319.85	1.67	0.49	302.42	1.62
8PP1	193	5/3/2011	5/6/2011	1.93	321.78	1.67	0.87	303.29	1.61
9R1	194	5/10/2011	5/13/2011	0.22	322.00	1.66	0.80	304.09	1.61
9R2	195	5/13/2011	5/16/2011	0.78	322.78	1.66	1.93	306.02	1.61

Table Notes:

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Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-03D		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
9R3	196	5/16/2011	5/19/2011	1.78	324.56	1.66	0.79	306.81	1.61
9R4	197	5/19/2011	5/22/2011	1.42	325.98	1.65	0.36	307.17	1.60
9R5	198	5/22/2011	5/25/2011	0.38	326.36	1.65	0.47	307.64	1.59
9R6	199	5/25/2011	5/28/2011	1.80	328.16	1.65	0.84	308.48	1.59
9R7	200	5/28/2011	5/31/2011	1.72	329.88	1.65	1.54	310.02	1.59
9R8	201	5/31/2011	6/3/2011	1.52	331.40	1.65	0.51	310.53	1.58
9R9	202	6/3/2011	6/6/2011	0.61	332.01	1.64	1.84	312.37	1.59
9R10	203	6/6/2011	6/9/2011	0.82	332.83	1.64	1.50	313.87	1.59
9R11	204	6/9/2011	6/12/2011	1.17	334.00	1.64	**2.27**	316.14	1.59
9R12	205	6/12/2011	6/15/2011	1.02	335.02	1.63	**5.85**	321.99	1.61
9R13	206	6/15/2011	6/18/2011	1.98	337.00	1.64	1.45	323.44	1.61
9R14	207	6/18/2011	6/21/2011	0.91	337.91	1.63	**N.I.**	332.49	1.65
9R15	208	6/21/2011	6/24/2011	1.08	338.99	1.63	1.07	333.56	1.64
9R16	209	6/24/2011	6/27/2011	1.53	340.52	1.63	0.08	333.64	1.64
9R17	210	6/27/2011	6/30/2011	2.11	342.63	1.63	0.98	334.62	1.63
9R18	211	6/30/2011	7/3/2011	0.81	343.44	1.63	0.90	335.52	1.63
9R19	212	7/3/2011	7/6/2011	1.67	345.11	1.63	0.63	336.15	1.62
9R20	213	7/6/2011	7/9/2011	1.96	347.07	1.63	0.25	336.40	1.62
9R21	214	7/9/2011	7/12/2011	1.91	348.98	1.63	1.07	337.47	1.61
9R22	215	7/12/2011	7/15/2011	2.09	351.07	1.63	0.57	338.04	1.61
9R23	216	7/15/2011	7/18/2011	1.12	352.19	1.63	1.13	339.17	1.61
9R24	217	7/18/2011	7/21/2011	0.57	352.76	1.63	0.20	339.37	1.60
9R25	218	7/21/2011	7/24/2011	1.80	354.56	1.63	**4.55**	343.92	1.61
9R26	219	7/24/2011	7/27/2011	1.42	355.98	1.63	1.18	345.10	1.61
OR1	220	7/27/2011	7/30/2011	1.81	357.79	1.63	0.57	345.67	1.61
OR2	221	7/30/2011	8/2/2011	2.24	360.03	1.63	0.89	346.56	1.60
OR3	222	8/2/2011	8/5/2011	1.82	361.85	1.63	1.06	347.62	1.60
OR4	223	8/5/2011	8/8/2011	2.23	364.08	1.63	1.40	349.02	1.60
OR5	224	8/8/2011	8/11/2011	0.72	364.80	1.63	0.14	349.16	1.59
OR6	225	8/11/2011	8/14/2011	**29.60**	394.40	1.75	**5.20**	354.36	1.61
OR7	226	8/14/2011	8/17/2011	1.68	396.08	1.75	1.09	355.45	1.61
OR8	227	8/17/2011	8/20/2011	0.51	396.59	1.75	0.44	355.89	1.60
OR9	228	8/20/2011	8/23/2011	1.54	398.13	1.75	0.21	356.10	1.60
OR10	229	8/23/2011	8/26/2011	0.79	398.92	1.74	0.86	356.96	1.59
OPP1	230	8/26/2011	8/29/2011	1.99	400.91	1.74	NA	356.96	1.59
OPP2	231	8/29/2011	9/1/2011	0.80	401.71	1.74	0.63	357.59	1.59

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Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-04			AMS-05		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
1R1	1	6/24/2009	6/27/2009	1.68	1.68	1.68	1.62	1.62	1.62
1R2	2	6/27/2009	6/30/2009	1.13	2.81	1.41	1.30	2.92	1.46
1R3	3	6/30/2009	7/3/2009	1.60	4.41	1.47	1.78	4.70	1.57
1R4	4	7/3/2009	7/6/2009	1.72	6.13	1.53	1.97	6.67	1.67
1R5	5	7/6/2009	7/9/2009	0.96	7.09	1.42	1.07	7.74	1.55
1R6	6	7/9/2009	7/12/2009	1.06	8.15	1.36	1.48	9.22	1.54
1R7	7	7/12/2009	7/15/2009	0.57	8.72	1.25	0.17	9.39	1.34
1R8	8	7/15/2009	7/18/2009	1.02	9.74	1.22	2.09	11.48	1.44
1R9	9	7/18/2009	7/21/2009	0.15	9.89	1.10	1.34	12.82	1.42
1R10	10	7/21/2009	7/24/2009	0.18	10.07	1.01	0.67	13.49	1.35
1R11	11	7/24/2009	7/27/2009	1.46	11.53	1.05	1.86	15.35	1.40
1R12	12	7/27/2009	7/30/2009	2.22	13.75	1.15	0.66	16.01	1.33
1R13	13	7/30/2009	8/2/2009	0.34	14.09	1.08	1.71	17.72	1.36
1R14	14	8/2/2009	8/5/2009	0.68	14.77	1.06	1.13	18.85	1.35
1R15	15	8/5/2009	8/8/2009	1.31	16.08	1.07	0.15	19.00	1.27
1R16	16	8/8/2009	8/11/2009	0.16	16.24	1.02	N.A.	19.00	1.27
1R17	17	8/11/2009	8/14/2009	0.18	16.42	0.97	0.43	19.43	1.21
1R18	18	8/14/2009	8/17/2009	0.80	17.22	0.96	1.14	20.57	1.21
1R19	19	8/17/2009	8/20/2009	0.11	17.33	0.91	1.74	22.31	1.24
1R20	20	8/20/2009	8/23/2009	0.42	17.75	0.89	1.82	24.13	1.27
1R21	21	8/23/2009	8/26/2009	1.56	19.31	0.92	1.64	25.77	1.29
1R22	22	8/26/2009	8/29/2009	0.26	19.57	0.89	1.26	27.03	1.29
1R23	23	8/29/2009	9/1/2009	1.10	20.67	0.90	**14.30**	41.33	1.88
1R24	24	9/1/2009	9/4/2009	0.50	21.17	0.88	1.34	42.67	1.86
1R25	25	9/4/2009	9/7/2009	0.29	21.46	0.86	1.64	44.31	1.85
1R26	26	9/7/2009	9/10/2009	1.34	22.80	0.88	0.79	45.10	1.80
1R27	27	9/10/2009	9/13/2009	2.11	24.91	0.92	1.18	46.28	1.78
1R28	28	9/13/2009	9/16/2009	0.63	25.54	0.91	**N.I.**	46.28	1.78
1R29	29	9/16/2009	9/19/2009	1.01	26.55	0.92	1.76	48.04	1.78
1R30	30	9/19/2009	9/22/2009	1.13	27.68	0.92	1.69	49.73	1.78
1PP1	31	9/22/2009	9/25/2009	2.02	29.70	0.96	0.96	50.69	1.75
1PP2	32	9/25/2009	9/28/2009	**N.I.**	29.70	0.96	0.34	51.03	1.70
2R1	33	10/14/2009	10/17/2009	0.36	30.06	0.94	1.94	52.97	1.71
2R2	34	10/17/2009	10/20/2009	1.98	32.04	0.97	0.91	53.88	1.68
2R3	35	10/20/2009	10/23/2009	0.72	32.76	0.96	1.85	55.73	1.69
2R4	36	10/23/2009	10/26/2009	1.93	34.69	0.99	1.54	57.27	1.68
2R5	37	10/26/2009	10/29/2009	0.37	35.06	0.97	1.82	59.09	1.69
2R6	38	10/29/2009	11/1/2009	1.44	36.50	0.99	0.38	59.47	1.65
2R7	39	11/1/2009	11/4/2009	0.95	37.45	0.99	0.21	59.68	1.61
2R8	40	11/4/2009	11/7/2009	0.56	38.01	0.97	1.84	61.52	1.62
2R9	41	11/7/2009	11/10/2009	0.28	38.29	0.96	1.73	63.25	1.62
2R10	42	11/10/2009	11/13/2009	**2.7**	40.99	1.00	**2.76**	66.01	1.65
2R11	43	11/13/2009	11/16/2009	0.34	41.33	0.98	1.52	67.53	1.65
2R12	44	11/16/2009	11/19/2009	0.72	42.05	0.98	1.33	68.86	1.64
2R13	45	11/19/2009	11/22/2009	**8.11**	50.16	1.14	**4.22**	73.08	1.70
2R14	46	11/22/2009	11/25/2009	1.44	51.60	1.15	1.06	74.14	1.69
2R15	47	11/25/2009	11/28/2009	**3.57**	55.17	1.20	0.62	74.76	1.66
2R16	48	11/28/2009	12/1/2009	0.79	55.96	1.19	0.67	75.43	1.64
2R17	49	12/1/2009	12/4/2009	0.73	56.69	1.18	0.70	76.13	1.62
2R18	50	12/4/2009	12/7/2009	0.52	57.21	1.17	0.05	76.18	1.59
2R19	51	12/7/2009	12/10/2009	1.43	58.64	1.17	0.46	76.64	1.56
2R20	52	12/10/2009	12/13/2009	1.53	60.17	1.18	1.20	77.84	1.56
2R21	53	12/13/2009	12/16/2009	1.36	61.53	1.18	0.67	78.51	1.54
2PP1	54	12/16/2009	12/19/2009	1.94	63.47	1.20	0.02	78.53	1.51
2PP2	55	12/19/2009	12/22/2009	**10.38**	73.85	1.37	1.57	80.10	1.51
3R1	56	1/4/2010	1/7/2010	2.06	75.91	1.38	1.47	81.57	1.51
3R2	57	1/7/2010	1/10/2010	0.93	76.84	1.37	1.72	83.29	1.51
3R3	58	1/10/2010	1/13/2010	0.28	77.12	1.35	0.48	83.77	1.50
3R4	59	1/13/2010	1/16/2010	NA	77.12	1.35	0.53	84.30	1.48
3R5	60	1/16/2010	1/19/2010	2.14	79.26	1.37	2.10	86.40	1.49
3R6	61	1/19/2010	1/22/2010	0.13	79.39	1.35	1.54	87.94	1.49
3R7	62	1/22/2010	1/25/2010	0.14	79.53	1.33	1.42	89.36	1.49
3R8	63	1/25/2010	1/28/2010	2.07	81.60	1.34	0.60	89.96	1.47
3R9	64	1/28/2010	1/31/2010	1.05	82.65	1.33	1.59	91.55	1.48
3R10	65	1/31/2010	2/3/2010	0.63	83.28	1.32	1.50	93.05	1.48

Table Notes:

Bold	Above Reporting Limit 2.27 ug/m3
N.I.	Not Included, lab contaminants
NA	Not Analyzed

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-04			AMS-05		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
3R11	66	2/3/2010	2/6/2010	2.22	85.50	1.34	1.92	94.97	1.48
3R12	67	2/6/2010	2/9/2010	1.78	87.28	1.34	1.56	96.53	1.49
3R13	68	2/9/2010	2/12/2010	0.55	87.83	1.33	0.58	97.11	1.47
3R14	69	2/12/2010	2/15/2010	2.27	90.10	1.34	**2.18**	99.29	1.48
3R15	70	2/15/2010	2/18/2010	2.00	92.10	1.35	2.11	101.40	1.49
3R16	71	2/18/2010	2/21/2010	2.23	94.33	1.37	0.09	101.49	1.47
3R17	72	2/21/2010	2/24/2010	0.67	95.00	1.36	0.44	101.93	1.46
3PP1	73	2/24/2010	2/27/2010	0.73	95.73	1.35	0.93	102.86	1.45
3PP2	74	2/27/2010	3/2/2010	1.98	97.71	1.36	0.31	103.17	1.43
4R1	75	3/18/2010	3/21/2010	1.66	99.37	1.36	0.62	103.79	1.42
4R2	76	3/21/2010	3/24/2010	0.32	99.69	1.35	0.89	104.68	1.41
4R3	77	3/24/2010	3/27/2010	0.87	100.56	1.34	1.56	106.24	1.42
4R4	78	3/27/2010	3/30/2010	1.33	101.89	1.34	2.14	108.38	1.43
4R5	79	3/30/2010	4/2/2010	0.72	102.61	1.33	0.15	108.53	1.41
4R6	80	4/2/2010	4/5/2010	0.16	102.77	1.32	1.45	109.98	1.41
4R7	81	4/5/2010	4/8/2010	**5.19**	107.96	1.37	**6.82**	116.80	1.48
4R8	82	4/8/2010	4/11/2010	1.00	108.96	1.36	1.91	118.71	1.48
4R9	83	4/11/2010	4/14/2010	2.10	111.06	1.37	0.06	118.77	1.47
4R10	84	4/14/2010	4/17/2010	2.18	113.24	1.38	1.70	120.47	1.47
4R11	85	4/17/2010	4/20/2010	1.71	114.95	1.38	0.89	121.36	1.46
4R12	86	4/20/2010	4/23/2010	2.22	117.17	1.39	1.80	123.16	1.47
4R13	87	4/23/2010	4/26/2010	2.24	119.41	1.40	0.65	123.81	1.46
4R14	88	4/26/2010	4/29/2010	0.22	119.63	1.39	0.99	124.80	1.45
4R15	89	4/29/2010	5/2/2010	0.95	120.58	1.39	0.80	125.60	1.44
4R16	90	5/2/2010	5/5/2010	2.12	122.70	1.39	1.94	127.54	1.45
4R17	91	5/5/2010	5/8/2010	1.32	124.02	1.39	2.09	129.63	1.46
4R18	92	5/8/2010	5/11/2010	0.64	124.66	1.39	0.05	129.68	1.44
4R19	93	5/11/2010	5/14/2010	0.90	125.56	1.38	**4.22**	133.90	1.47
4R20	94	5/14/2010	5/17/2010	1.74	127.30	1.38	0.62	134.52	1.46
4R21	95	5/17/2010	5/20/2010	2.25	129.55	1.39	**6.16**	140.68	1.51
4R22	96	5/20/2010	5/23/2010	0.92	130.47	1.39	**3.57**	144.25	1.53
4R223	97	5/23/2010	5/26/2010	**4.87**	135.34	1.42	**3.25**	147.50	1.55
4R24	98	5/26/2010	5/29/2010	0.16	135.50	1.41	2.06	149.56	1.56
4R25	99	5/29/2010	6/1/2010	2.26	137.76	1.42	1.58	151.14	1.56
4R26	100	6/1/2010	6/4/2010	0.14	137.90	1.41	0.67	151.81	1.55
4R27	101	6/4/2010	6/7/2010	2.13	140.03	1.41	0.13	151.94	1.53
4R28	102	6/7/2010	6/10/2010	0.18	140.21	1.40	1.85	153.79	1.54
4PP1	103	6/10/2010	6/13/2010	0.79	141.00	1.40	0.33	154.12	1.53
4PP2	104	6/13/2010	6/16/2010	0.98	141.98	1.39	0.48	154.60	1.52
5R1	105	6/30/2010	7/3/2010	1.91	143.89	1.40	1.84	156.44	1.52
5R2	106	7/3/2010	7/6/2010	1.34	145.23	1.40	1.35	157.79	1.52
5R3	107	7/6/2010	7/9/2010	0.11	145.34	1.38	2.21	160.00	1.52
5R4	108	7/9/2010	7/12/2010	**3.90**	149.24	1.41	1.53	161.53	1.52
5R5	109	7/12/2010	7/15/2010	1.93	151.17	1.41	1.26	162.79	1.52
5R6	110	7/15/2010	7/18/2010	**25.95**	177.12	1.64	0.76	163.55	1.51
5R7	111	7/18/2010	7/21/2010	0.76	177.88	1.63	1.01	164.56	1.51
5R8	112	7/21/2010	7/24/2010	**4.55**	182.43	1.66	**3.57**	168.13	1.53
5R9	113	7/24/2010	7/27/2010	0.40	182.83	1.65	1.79	169.92	1.53
5R10	114	7/27/2010	7/30/2010	1.92	184.75	1.65	0.20	170.12	1.52
5R11	115	7/30/2010	8/2/2010	0.01	184.76	1.64	NA	170.12	1.52
5R12	116	8/2/2010	8/5/2010	0.74	185.50	1.63	NA	170.12	1.52
5R13	117	8/5/2010	8/8/2010	1.41	186.91	1.63	1.77	171.89	1.52
5R14	118	8/8/2010	8/11/2010	1.50	188.41	1.62	0.01	171.90	1.51
5R15	119	8/11/2010	8/14/2010	0.45	188.86	1.61	0.65	172.55	1.50
5R16	120	8/14/2010	8/17/2010	1.09	189.95	1.61	1.63	174.18	1.50
5R17	121	8/17/2010	8/20/2010	0.42	190.37	1.60	0.57	174.75	1.49
5R18	122	8/20/2010	8/23/2010	1.01	191.38	1.59	1.97	176.72	1.50
5R19	123	8/23/2010	8/26/2010	1.47	192.85	1.59	0.57	177.29	1.49
5R20	124	8/26/2010	8/29/2010	1.77	194.62	1.60	1.82	179.11	1.49
5R21	125	8/29/2010	9/1/2010	0.17	194.79	1.58	1.78	180.89	1.49
5R22	126	9/1/2010	9/4/2010	**3.89**	198.68	1.60	1.6	182.49	1.50
5R23	127	9/4/2010	9/7/2010	1.08	199.76	1.60	0.67	183.16	1.49
5R24	128	9/7/2010	9/10/2010	1.85	201.61	1.60	1.53	184.69	1.49
5R25	129	9/10/2010	9/13/2010	0.3	201.91	1.59	2.18	186.87	1.49
5R26	130	9/13/2010	9/16/2010	3.05	204.96	1.60	3.18	190.05	1.51

Table Notes:

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N.I.	Not Included, lab contaminants
NA	Not Analyzed

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-04			AMS-05		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
5R27	131	9/16/2010	9/19/2010	0.01	204.97	1.59	0.35	190.40	1.50
5PP1	132	9/19/2010	9/22/2010	1.99	206.96	1.59	1.03	191.43	1.50
5PP2	133	9/22/2010	9/25/2010	1.74	208.70	1.59	1.58	193.01	1.50
6R1	134	10/4/2010	10/7/2010	1.45	210.15	1.59	0.26	193.27	1.49
6R2	135	10/7/2010	10/10/2010	1.56	211.71	1.59	**4.22**	197.49	1.51
6R3	136	10/10/2010	10/13/2010	1.66	213.37	1.59	0.31	197.80	1.50
6R4	137	10/13/2010	10/16/2010	1.52	214.89	1.59	1.07	198.87	1.50
6R5	138	10/16/2010	10/19/2010	1.49	216.38	1.59	0.20	199.07	1.49
6R6	139	10/19/2010	10/22/2010	2.13	218.51	1.59	1.94	201.01	1.49
6R7	140	10/22/2010	10/25/2010	1.21	219.72	1.59	**3.90**	204.91	1.51
6R8	141	10/25/2010	10/28/2010	2.06	221.78	1.60	1.38	206.29	1.51
6R9	142	10/28/2010	10/31/2010	0.96	222.74	1.59	1.33	207.62	1.50
6R10	143	10/31/2010	11/3/2010	2.00	224.74	1.59	0.66	208.28	1.50
6R11	144	11/3/2010	11/6/2010	1.80	226.54	1.60	1.38	209.66	1.50
6R12	145	11/6/2010	11/9/2010	1.45	227.99	1.59	0.24	209.90	1.49
6R13	146	11/9/2010	11/12/2010	1.58	229.57	1.59	0.55	210.45	1.48
6R14	147	11/12/2010	11/15/2010	**2.31**	231.88	1.60	1.81	212.26	1.48
6R15	148	11/15/2010	11/18/2010	2.18	234.06	1.60	0.07	212.33	1.47
6R16	149	11/18/2010	11/21/2010	2.24	236.30	1.61	2.00	214.33	1.48
6R17	150	11/21/2010	11/24/2010	1.00	237.30	1.60	2.10	216.43	1.48
6R18	151	11/24/2010	11/27/2010	1.73	239.03	1.60	0.48	216.91	1.48
6R19	152	11/27/2010	11/30/2010	1.72	240.75	1.61	1.42	218.33	1.48
6R20	153	11/30/2010	12/3/2010	0.78	241.53	1.60	2.03	220.36	1.48
6R21	154	12/3/2010	12/6/2010	0.54	242.07	1.59	0.01	220.37	1.47
6R22	155	12/6/2010	12/9/2010	0.71	242.78	1.58	1.34	221.71	1.47
6PP1	156	12/9/2010	12/12/2010	0.46	243.24	1.57	0.65	222.36	1.46
6PP2	157	12/12/2010	12/15/2010	0.37	243.61	1.56	0.24	222.60	1.45
7R1	158	1/3/2011	1/6/2011	0.38	243.99	1.55	1.07	223.67	1.45
7R2	159	1/6/2011	1/9/2011	1.30	245.29	1.55	0.32	223.99	1.45
7R3	160	1/9/2011	1/12/2011	1.22	246.51	1.55	1.34	225.33	1.44
7R4	161	1/12/2011	1/15/2011	1.67	248.18	1.55	0.56	225.89	1.44
7R5	162	1/15/2011	1/18/2011	1.12	249.30	1.55	1.25	227.14	1.44
7R6	163	1/18/2011	1/21/2011	2.01	251.31	1.55	0.28	227.42	1.43
7R7	164	1/21/2011	1/24/2011	0.37	251.68	1.54	0.13	227.55	1.42
7R8	165	1/24/2011	1/27/2011	0.51	252.19	1.54	0.69	228.24	1.42
7R9	166	1/27/2011	1/30/2011	1.42	253.61	1.54	1.46	229.70	1.42
7R10	167	1/30/2011	2/2/2011	0.82	254.43	1.53	1.52	231.22	1.42
7R11	168	2/2/2011	2/5/2011	0.59	255.02	1.53	1.64	232.86	1.42
7R12	169	2/5/2011	2/8/2011	2.02	257.04	1.53	1.81	234.67	1.42
7R13	170	2/8/2011	2/11/2011	1.71	258.75	1.53	1.47	236.14	1.42
7R14	171	2/11/2011	2/14/2011	2.22	260.97	1.54	2.23	238.37	1.43
7R15	172	2/14/2011	2/17/2011	2.15	263.12	1.54	0.93	239.30	1.42
7R16	173	2/17/2011	2/20/2011	1.41	264.53	1.54	1.20	240.50	1.42
7R17	174	2/20/2011	2/23/2011	0.77	265.30	1.53	1.86	242.36	1.43
7R18	175	2/23/2011	2/26/2011	0.21	265.51	1.53	0.92	243.28	1.42
7R19	176	2/26/2011	3/1/2011	1.06	266.57	1.52	0.38	243.66	1.42
7R20	177	3/1/2011	3/4/2011	0.12	266.69	1.52	1.71	245.37	1.42
7R21	178	3/4/2011	3/7/2011	0.61	267.30	1.51	0.68	246.05	1.41
7R22	179	3/7/2011	3/10/2011	1.57	268.87	1.51	0.57	246.62	1.41
7PP1	180	3/10/2011	3/13/2011	0.06	268.93	1.50	1.57	248.19	1.41
7PP2	181	3/13/2011	3/16/2011	1.68	270.61	1.50	1.97	250.16	1.41
8R1	182	3/28/2011	3/31/2011	1.42	272.03	1.50	0.46	250.62	1.41
8R2	183	4/3/2011	4/6/2011	1.53	273.56	1.50	0.69	251.31	1.40
8R3	184	4/6/2011	4/9/2011	0.85	274.41	1.50	0.26	251.57	1.40
8R4	185	4/9/2011	4/12/2011	1.69	276.10	1.50	1.63	253.20	1.40
8R5	186	4/12/2011	4/15/2011	1.39	277.49	1.50	0.80	254.00	1.40
8R6	187	4/15/2011	4/18/2011	0.24	277.73	1.49	1.71	255.71	1.40
8R7	188	4/18/2011	4/21/2011	1.66	279.39	1.49	1.33	257.04	1.40
8R8	189	4/21/2011	4/24/2011	0.71	280.10	1.49	2.01	259.05	1.40
8R9	190	4/24/2011	4/27/2011	1.09	281.19	1.49	0.39	259.44	1.39
8R10	191	4/27/2011	4/30/2011	2.03	283.22	1.49	2.00	261.44	1.40
8R11	192	4/30/2011	5/3/2011	0.53	283.75	1.49	1.66	263.10	1.40
8PP1	193	5/3/2011	5/6/2011	1.51	285.26	1.49	2.10	265.20	1.40
9R1	194	5/10/2011	5/13/2011	0.87	286.13	1.48	0.74	265.94	1.40
9R2	195	5/13/2011	5/16/2011	1.59	287.72	1.48	1.97	267.91	1.40

Table Notes:

Bold	Above Reporting Limit 2.27 ug/m3
N.I.	Not Included, lab contaminants
NA	Not Analyzed

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-04			AMS-05		
				Conc	Cum Conc	Running Avg.	Conc	Cum Conc	Running Avg.
9R3	196	5/16/2011	5/19/2011	0.29	288.01	1.48	0.75	268.66	1.40
9R4	197	5/19/2011	5/22/2011	0.54	288.55	1.47	1.41	270.07	1.40
9R5	198	5/22/2011	5/25/2011	1.65	290.20	1.47	1.17	271.24	1.40
9R6	199	5/25/2011	5/28/2011	1.18	291.38	1.47	0.79	272.03	1.40
9R7	200	5/28/2011	5/31/2011	0.53	291.91	1.47	0.63	272.66	1.39
9R8	201	5/31/2011	6/3/2011	2.03	293.94	1.47	0.14	272.80	1.38
9R9	202	6/3/2011	6/6/2011	0.32	294.26	1.46	0.74	273.54	1.38
9R10	203	6/6/2011	6/9/2011	1.83	296.09	1.47	1.39	274.93	1.38
9R11	204	6/9/2011	6/12/2011	0.91	297.00	1.46	1.68	276.61	1.38
9R12	205	6/12/2011	6/15/2011	**2.57**	299.57	1.47	**2.76**	279.37	1.39
9R13	206	6/15/2011	6/18/2011	0.01	299.58	1.46	0.85	280.22	1.39
9R14	207	6/18/2011	6/21/2011	0.73	300.31	1.46	1.48	281.70	1.39
9R15	208	6/21/2011	6/24/2011	1.24	301.55	1.46	1.63	283.33	1.39
9R16	209	6/24/2011	6/27/2011	1.29	302.84	1.46	0.20	283.53	1.38
9R17	210	6/27/2011	6/30/2011	0.28	303.12	1.45	1.74	285.27	1.38
9R18	211	6/30/2011	7/3/2011	1.70	304.82	1.45	2.09	287.36	1.39
9R19	212	7/3/2011	7/6/2011	1.53	306.35	1.45	1.13	288.49	1.39
9R20	213	7/6/2011	7/9/2011	0.25	306.60	1.45	1.16	289.65	1.39
9R21	214	7/9/2011	7/12/2011	0.31	306.91	1.44	0.56	290.21	1.38
9R22	215	7/12/2011	7/15/2011	1.46	308.37	1.44	1.31	291.52	1.38
9R23	216	7/15/2011	7/18/2011	0.56	308.93	1.44	2.22	293.74	1.39
9R24	217	7/18/2011	7/21/2011	1.59	310.52	1.44	1.67	295.41	1.39
9R25	218	7/21/2011	7/24/2011	0.71	311.23	1.43	1.94	297.35	1.39
9R26	219	7/24/2011	7/27/2011	0.77	312.00	1.43	1.41	298.76	1.39
OR1	220	7/27/2011	7/30/2011	2.11	314.11	1.43	2.20	300.96	1.39
OR2	221	7/30/2011	8/2/2011	1.29	315.40	1.43	0.23	301.19	1.39
OR3	222	8/2/2011	8/5/2011	0.32	315.72	1.43	1.25	302.44	1.39
OR4	223	8/5/2011	8/8/2011	**5.52**	321.24	1.45	0.74	303.18	1.38
OR5	224	8/8/2011	8/11/2011	1.10	322.34	1.45	2.26	305.44	1.39
OR6	225	8/11/2011	8/14/2011	1.28	323.62	1.44	1.66	307.10	1.39
OR7	226	8/14/2011	8/17/2011	0.96	324.58	1.44	1.64	308.74	1.39
OR8	227	8/17/2011	8/20/2011	1.17	325.75	1.44	1.47	310.21	1.39
OR9	228	8/20/2011	8/23/2011	0.87	326.62	1.44	0.67	310.88	1.39
OR10	229	8/23/2011	8/26/2011	1.18	327.80	1.44	0.81	311.69	1.39
OPP1	230	8/26/2011	8/29/2011	NA	334.51	1.47	NA	331.65	1.47
OPP2	231	8/29/2011	9/1/2011	2.08	336.59	1.47	0.60	332.25	1.47

Table Notes:

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N.I.	Not Included, lab contaminants
NA	Not Analyzed

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-06		
				Conc	Cum Conc	Running Avg.
1R1	1	6/24/2009	6/27/2009	0.78	0.78	0.78
1R2	2	6/27/2009	6/30/2009	0.72	1.50	0.75
1R3	3	6/30/2009	7/3/2009	0.59	2.09	0.70
1R4	4	7/3/2009	7/6/2009	0.46	2.55	0.64
1R5	5	7/6/2009	7/9/2009	1.47	4.02	0.80
1R6	6	7/9/2009	7/12/2009	2.26	6.28	1.05
1R7	7	7/12/2009	7/15/2009	1.39	7.67	1.10
1R8	8	7/15/2009	7/18/2009	1.43	9.10	1.14
1R9	9	7/18/2009	7/21/2009	2.23	11.33	1.26
1R10	10	7/21/2009	7/24/2009	0.15	11.48	1.15
1R11	11	7/24/2009	7/27/2009	1.35	12.83	1.17
1R12	12	7/27/2009	7/30/2009	1.59	14.42	1.20
1R13	13	7/30/2009	8/2/2009	0.56	14.98	1.15
1R14	14	8/2/2009	8/5/2009	0.09	15.07	1.08
1R15	15	8/5/2009	8/8/2009	1.49	16.56	1.10
1R16	16	8/8/2009	8/11/2009	1.06	17.62	1.10
1R17	17	8/11/2009	8/14/2009	2.02	19.64	1.16
1R18	18	8/14/2009	8/17/2009	0.72	20.36	1.13
1R19	19	8/17/2009	8/20/2009	2.06	22.42	1.18
1R20	20	8/20/2009	8/23/2009	0.28	22.70	1.14
1R21	21	8/23/2009	8/26/2009	1.80	24.50	1.17
1R22	22	8/26/2009	8/29/2009	0.28	24.78	1.13
1R23	23	8/29/2009	9/1/2009	1.74	26.52	1.15
1R24	24	9/1/2009	9/4/2009	0.52	27.04	1.13
1R25	25	9/4/2009	9/7/2009	1.81	28.85	1.15
1R26	26	9/7/2009	9/10/2009	0.08	28.93	1.11
1R27	27	9/10/2009	9/13/2009	3.9	32.83	1.22
1R28	28	9/13/2009	9/16/2009	**4.22**	37.05	1.32
1R29	29	9/16/2009	9/19/2009	1.73	38.78	1.34
1R30	30	9/19/2009	9/22/2009	1.90	40.68	1.36
1PP1	31	9/22/2009	9/25/2009	0.56	41.24	1.33
1PP2	32	9/25/2009	9/28/2009	**N.I.**	41.24	1.33
2R1	33	10/14/2009	10/17/2009	1.48	42.72	1.34
2R2	34	10/17/2009	10/20/2009	0.85	43.57	1.32
2R3	35	10/20/2009	10/23/2009	0.01	43.58	1.28
2R4	36	10/23/2009	10/26/2009	1.04	44.62	1.27
2R5	37	10/26/2009	10/29/2009	**3.90**	48.52	1.35
2R6	38	10/29/2009	11/1/2009	1.85	50.37	1.36
2R7	39	11/1/2009	11/4/2009	1.88	52.25	1.38
2R8	40	11/4/2009	11/7/2009	0.25	52.50	1.35
2R9	41	11/7/2009	11/10/2009	**3.57**	56.07	1.40
2R10	42	11/10/2009	11/13/2009	1.88	57.95	1.41
2R11	43	11/13/2009	11/16/2009	0.26	58.21	1.39
2R12	44	11/16/2009	11/19/2009	0.03	58.24	1.35
2R13	45	11/19/2009	11/22/2009	1.20	59.44	1.35
2R14	46	11/22/2009	11/25/2009	0.26	59.70	1.33
2R15	47	11/25/2009	11/28/2009	0.84	60.54	1.32
2R16	48	11/28/2009	12/1/2009	**N.I.**	60.54	1.32
2R17	49	12/1/2009	12/4/2009	0.23	60.77	1.29
2R18	50	12/4/2009	12/7/2009	0.27	61.04	1.27
2R19	51	12/7/2009	12/10/2009	**28.22**	89.26	1.82
2R20	52	12/10/2009	12/13/2009	1.10	90.36	1.81
2R21	53	12/13/2009	12/16/2009	**3.57**	93.93	1.84
2PP1	54	12/16/2009	12/19/2009	0.09	94.02	1.81
2PP2	55	12/19/2009	12/22/2009	0.97	94.99	1.79
3R1	56	1/4/2010	1/7/2010	0.42	95.41	1.77
3R2	57	1/7/2010	1/10/2010	2.01	97.42	1.77
3R3	58	1/10/2010	1/13/2010	0.08	97.50	1.74
3R4	59	1/13/2010	1/16/2010	0.15	97.65	1.71
3R5	60	1/16/2010	1/19/2010	NA	97.65	1.71
3R6	61	1/19/2010	1/22/2010	0.09	97.74	1.69
3R7	62	1/22/2010	1/25/2010	1.58	99.32	1.68
3R8	63	1/25/2010	1/28/2010	0.70	100.02	1.67
3R9	64	1/28/2010	1/31/2010	**3.08**	103.10	1.69
3R10	65	1/31/2010	2/3/2010	1.21	104.31	1.68

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Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-06		
				Conc	Cum Conc	Running Avg.
3R11	66	2/3/2010	2/6/2010	**4.87**	109.18	1.73
3R12	67	2/6/2010	2/9/2010	1.80	110.98	1.73
3R13	68	2/9/2010	2/12/2010	1.79	112.77	1.73
3R14	69	2/12/2010	2/15/2010	2.23	115.00	1.74
3R15	70	2/15/2010	2/18/2010	0.09	115.09	1.72
3R16	71	2/18/2010	2/21/2010	NA	115.09	1.72
3R17	72	2/21/2010	2/24/2010	0.39	115.48	1.70
3PP1	73	2/24/2010	2/27/2010	1.78	117.26	1.70
3PP2	74	2/27/2010	3/2/2010	1.54	118.80	1.70
4R1	75	3/18/2010	3/21/2010	0.94	119.74	1.69
4R2	76	3/21/2010	3/24/2010	1.51	121.25	1.68
4R3	77	3/24/2010	3/27/2010	0.95	122.20	1.67
4R4	78	3/27/2010	3/30/2010	0.06	122.26	1.65
4R5	79	3/30/2010	4/2/2010	0.78	123.04	1.64
4R6	80	4/2/2010	4/5/2010	**4.87**	127.91	1.68
4R7	81	4/5/2010	4/8/2010	0.13	128.04	1.66
4R8	82	4/8/2010	4/11/2010	1.03	129.07	1.65
4R9	83	4/11/2010	4/14/2010	**4.87**	133.94	1.70
4R10	84	4/14/2010	4/17/2010	0.44	134.38	1.68
4R11	85	4/17/2010	4/20/2010	**10.38**	144.76	1.79
4R12	86	4/20/2010	4/23/2010	**9.73**	154.49	1.88
4R13	87	4/23/2010	4/26/2010	0.08	154.57	1.86
4R14	88	4/26/2010	4/29/2010	1.73	156.30	1.86
4R15	89	4/29/2010	5/2/2010	1.11	157.41	1.85
4R16	90	5/2/2010	5/5/2010	1.61	159.02	1.85
4R17	91	5/5/2010	5/8/2010	2.05	161.07	1.85
4R18	92	5/8/2010	5/11/2010	2.18	163.25	1.86
4R19	93	5/11/2010	5/14/2010	**3.25**	166.50	1.87
4R20	94	5/14/2010	5/17/2010	**8.43**	174.93	1.94
4R21	95	5/17/2010	5/20/2010	**4.87**	179.80	1.98
4R22	96	5/20/2010	5/23/2010	0.90	180.70	1.96
4R223	97	5/23/2010	5/26/2010	**3.90**	184.60	1.98
4R24	98	5/26/2010	5/29/2010	**8.44**	193.04	2.05
4R25	99	5/29/2010	6/1/2010	1.42	194.46	2.05
4R26	100	6/1/2010	6/4/2010	**8.44**	202.90	2.11
4R27	101	6/4/2010	6/7/2010	**7.14**	210.04	2.17
4R28	102	6/7/2010	6/10/2010	0.34	210.38	2.15
4PP1	103	6/10/2010	6/13/2010	0.45	210.83	2.13
4PP2	104	6/13/2010	6/16/2010	1.12	211.95	2.12
5R1	105	6/30/2010	7/3/2010	0.21	212.16	2.10
5R2	106	7/3/2010	7/6/2010	0.33	212.49	2.08
5R3	107	7/6/2010	7/9/2010	**2.50**	214.99	2.09
5R4	108	7/9/2010	7/12/2010	0.79	215.78	2.07
5R5	109	7/12/2010	7/15/2010	0.90	216.68	2.06
5R6	110	7/15/2010	7/18/2010	1.90	218.58	2.06
5R7	111	7/18/2010	7/21/2010	**5.52**	224.10	2.09
5R8	112	7/21/2010	7/24/2010	**6.17**	230.27	2.13
5R9	113	7/24/2010	7/27/2010	0.19	230.46	2.11
5R10	114	7/27/2010	7/30/2010	2.60	233.06	2.12
5R11	115	7/30/2010	8/2/2010	1.31	234.37	2.11
5R12	116	8/2/2010	8/5/2010	0.16	234.53	2.09
5R13	117	8/5/2010	8/8/2010	1.61	236.14	2.09
5R14	118	8/8/2010	8/11/2010	0.63	236.77	2.08
5R15	119	8/11/2010	8/14/2010	2.02	238.79	2.08
5R16	120	8/14/2010	8/17/2010	**3.15**	241.94	2.09
5R17	121	8/17/2010	8/20/2010	0.07	242.01	2.07
5R18	122	8/20/2010	8/23/2010	1.13	243.14	2.06
5R19	123	8/23/2010	8/26/2010	0.8	243.94	2.05
5R20	124	8/26/2010	8/29/2010	1.01	244.95	2.04
5R21	125	8/29/2010	9/1/2010	0.21	245.16	2.03
5R22	126	9/1/2010	9/4/2010	0.08	245.24	2.01
5R23	127	9/4/2010	9/7/2010	0.45	245.69	2.00
5R24	128	9/7/2010	9/10/2010	0.19	245.88	1.98
5R25	129	9/10/2010	9/13/2010	1.64	247.52	1.98
5R26	130	9/13/2010	9/16/2010	3.18	250.70	1.99

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Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-06		
				Conc	Cum Conc	Running Avg.
5R27	131	9/16/2010	9/19/2010	0.4	251.10	1.98
5PP1	132	9/19/2010	9/22/2010	2.01	253.11	1.98
5PP2	133	9/22/2010	9/25/2010	0.34	253.45	1.96
6R1	134	10/4/2010	10/7/2010	1.96	255.41	1.96
6R2	135	10/7/2010	10/10/2010	2.26	257.67	1.97
6R3	136	10/10/2010	10/13/2010	0.81	258.48	1.96
6R4	137	10/13/2010	10/16/2010	0.66	259.14	1.95
6R5	138	10/16/2010	10/19/2010	0.79	259.93	1.94
6R6	139	10/19/2010	10/22/2010	0.12	260.05	1.93
6R7	140	10/22/2010	10/25/2010	0.23	260.28	1.91
6R8	141	10/25/2010	10/28/2010	0.09	260.37	1.90
6R9	142	10/28/2010	10/31/2010	0.67	261.04	1.89
6R10	143	10/31/2010	11/3/2010	0.85	261.89	1.88
6R11	144	11/3/2010	11/6/2010	**38.3**	300.19	2.14
6R12	145	11/6/2010	11/9/2010	NA	300.19	2.14
6R13	146	11/9/2010	11/12/2010	0.24	300.43	2.13
6R14	147	11/12/2010	11/15/2010	0.91	301.34	2.12
6R15	148	11/15/2010	11/18/2010	0.92	302.26	2.11
6R16	149	11/18/2010	11/21/2010	0.60	302.86	2.10
6R17	150	11/21/2010	11/24/2010	1.87	304.73	2.10
6R18	151	11/24/2010	11/27/2010	1.74	306.47	2.10
6R19	152	11/27/2010	11/30/2010	0.96	307.43	2.09
6R20	153	11/30/2010	12/3/2010	0.05	307.48	2.08
6R21	154	12/3/2010	12/6/2010	0.88	308.36	2.07
6R22	155	12/6/2010	12/9/2010	0.39	308.75	2.04
6PP1	156	12/9/2010	12/12/2010	0.22	308.97	2.03
6PP2	157	12/12/2010	12/15/2010	0.18	309.15	2.02
7R1	158	1/3/2011	1/6/2011	0.33	309.48	2.01
7R2	159	1/6/2011	1/9/2011	0.74	310.22	2.00
7R3	160	1/9/2011	1/12/2011	0.75	310.97	1.99
7R4	161	1/12/2011	1/15/2011	0.21	311.18	1.98
7R5	162	1/15/2011	1/18/2011	0.65	311.83	1.97
7R6	163	1/18/2011	1/21/2011	1.56	313.39	1.97
7R7	164	1/21/2011	1/24/2011	1.21	314.60	1.97
7R8	165	1/24/2011	1/27/2011	0.43	315.03	1.96
7R9	166	1/27/2011	1/30/2011	0.86	315.89	1.95
7R10	167	1/30/2011	2/2/2011	1.77	317.66	1.95
7R11	168	2/2/2011	2/5/2011	0.09	317.75	1.94
7R12	169	2/5/2011	2/8/2011	1.01	318.76	1.93
7R13	170	2/8/2011	2/11/2011	0.11	318.87	1.92
7R14	171	2/11/2011	2/14/2011	1.29	320.16	1.92
7R15	172	2/14/2011	2/17/2011	0.88	321.04	1.91
7R16	173	2/17/2011	2/20/2011	0.20	321.24	1.90
7R17	174	2/20/2011	2/23/2011	0.35	321.59	1.89
7R18	175	2/23/2011	2/26/2011	1.20	322.79	1.89
7R19	176	2/26/2011	3/1/2011	NA	322.79	1.89
7R20	177	3/1/2011	3/4/2011	0.08	322.87	1.88
7R21	178	3/4/2011	3/7/2011	0.19	323.06	1.87
7R22	179	3/7/2011	3/10/2011	0.22	323.28	1.86
7PP1	180	3/10/2011	3/13/2011	0.94	324.22	1.85
7PP2	181	3/13/2011	3/16/2011	1.07	325.29	1.85
8R1	182	3/28/2011	3/31/2011	1.05	326.34	1.84
8R2	183	4/3/2011	4/6/2011	1.48	327.82	1.84
8R3	184	4/6/2011	4/9/2011	1.24	329.06	1.84
8R4	185	4/9/2011	4/12/2011	1.08	330.14	1.83
8R5	186	4/12/2011	4/15/2011	1.02	331.16	1.83
8R6	187	4/15/2011	4/18/2011	0.84	332.00	1.82
8R7	188	4/18/2011	4/21/2011	0.13	332.13	1.81
8R8	189	4/21/2011	4/24/2011	1.13	333.26	1.81
8R9	190	4/24/2011	4/27/2011	1.02	334.28	1.81
8R10	191	4/27/2011	4/30/2011	0.47	334.75	1.80
8R11	192	4/30/2011	5/3/2011	0.53	335.28	1.79
8PP1	193	5/3/2011	5/6/2011	0.08	335.36	1.78
9R1	194	5/10/2011	5/13/2011	0.96	336.32	1.78
9R2	195	5/13/2011	5/16/2011	0.13	336.45	1.77

Table Notes:

Bold	Above Reporting Limit 2.27 ug/m3
N.I.	Not Included, lab contaminants
NA	Not Analyzed

Table 6-1
Time-Integrated Sampling Benzene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-06		
				Conc	Cum Conc	Running Avg.
9R3	196	5/16/2011	5/19/2011	0.74	337.19	1.77
9R4	197	5/19/2011	5/22/2011	0.19	337.38	1.76
9R5	198	5/22/2011	5/25/2011	0.23	337.61	1.75
9R6	199	5/25/2011	5/28/2011	0.73	338.34	1.74
9R7	200	5/28/2011	5/31/2011	0.11	338.45	1.74
9R8	201	5/31/2011	6/3/2011	0.02	338.47	1.73
9R9	202	6/3/2011	6/6/2011	0.01	338.48	1.72
9R10	203	6/6/2011	6/9/2011	0.79	339.27	1.71
9R11	204	6/9/2011	6/12/2011	0.77	340.04	1.71
9R12	205	6/12/2011	6/15/2011	0.21	340.25	1.70
9R13	206	6/15/2011	6/18/2011	2.03	342.28	1.70
9R14	207	6/18/2011	6/21/2011	**11.4**	353.68	1.75
9R15	208	6/21/2011	6/24/2011	1.88	355.56	1.75
9R16	209	6/24/2011	6/27/2011	1.75	357.31	1.75
9R17	210	6/27/2011	6/30/2011	0.64	357.95	1.75
9R18	211	6/30/2011	7/3/2011	**N.I.**	357.95	1.75
9R19	212	7/3/2011	7/6/2011	0.93	358.88	1.74
9R20	213	7/6/2011	7/9/2011	1.31	360.19	1.74
9R21	214	7/9/2011	7/12/2011	0.95	361.14	1.74
9R22	215	7/12/2011	7/15/2011	0.20	361.34	1.73
9R23	216	7/15/2011	7/18/2011	1.34	362.68	1.73
9R24	217	7/18/2011	7/21/2011	0.50	363.18	1.72
9R25	218	7/21/2011	7/24/2011	0.33	363.51	1.71
9R26	219	7/24/2011	7/27/2011	0.10	363.61	1.71
OR1	220	7/27/2011	7/30/2011	0.91	364.52	1.70
OR2	221	7/30/2011	8/2/2011	0.79	365.31	1.70
OR3	222	8/2/2011	8/5/2011	0.27	365.58	1.69
OR4	223	8/5/2011	8/8/2011	1.31	366.89	1.69
OR5	224	8/8/2011	8/11/2011	0.89	367.78	1.69
OR6	225	8/11/2011	8/14/2011	1.25	369.03	1.69
OR7	226	8/14/2011	8/17/2011	0.72	369.75	1.68
OR8	227	8/17/2011	8/20/2011	0.85	370.60	1.68
OR9	228	8/20/2011	8/23/2011	0.51	371.11	1.67
OR10	229	8/23/2011	8/26/2011	1.14	372.25	1.67
OPP1	230	8/26/2011	8/29/2011	0.54	372.79	1.66
OPP2	231	8/29/2011	9/1/2011	0.99	373.78	1.66

Table Notes:

Bold	Above Reporting Limit 2.27 ug/m3
N.I.	Not Included, lab contaminants
NA	Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
1R1	1	6/24/2009	6/27/2009	0.03	0.03	0.03	0.03	0.03	0.03
1R2	2	6/27/2009	6/30/2009	0.01	0.03	0.02	0.02	0.05	0.03
1R3	3	6/30/2009	7/3/2009	0.05	0.08	0.03	0.03	0.08	0.03
1R4	4	7/3/2009	7/6/2009	0.24	0.32	0.08	0.12	0.20	0.05
1R5	5	7/6/2009	7/9/2009	0.17	0.49	0.10	0.04	0.24	0.05
1R6	6	7/9/2009	7/12/2009	0.03	0.52	0.09	0.03	0.27	0.04
1R7	7	7/12/2009	7/15/2009	0.05	0.57	0.08	0.06	0.33	0.05
1R8	8	7/15/2009	7/18/2009	0.03	0.60	0.07	0.02	0.35	0.04
1R9	9	7/18/2009	7/21/2009	0.02	0.61	0.07	0.03	0.38	0.04
1R10	10	7/21/2009	7/24/2009	0.12	0.74	0.07	0.18	0.56	0.06
1R11	11	7/24/2009	7/27/2009	0.03	0.76	0.07	0.03	0.59	0.05
1R12	12	7/27/2009	7/30/2009	0.22	0.98	0.08	0.08	0.67	0.06
1R13	13	7/30/2009	8/2/2009	0.05	1.03	0.08	0.03	0.71	0.05
1R14	14	8/2/2009	8/5/2009	0.02	1.05	0.07	0.02	0.73	0.05
1R15	15	8/5/2009	8/8/2009	0.10	1.14	0.08	0.05	0.78	0.05
1R16	16	8/8/2009	8/11/2009	0.01	1.16	0.07	0.03	0.80	0.05
1R17	17	8/11/2009	8/14/2009	0.05	1.21	0.07	0.05	0.85	0.05
1R18	18	8/14/2009	8/17/2009	0.01	1.22	0.07	0.02	0.87	0.05
1R19	19	8/17/2009	8/20/2009	0.02	1.24	0.07	0.04	0.91	0.05
1R20	20	8/20/2009	8/23/2009	0.02	1.27	0.06	0.03	0.94	0.05
1R21	21	8/23/2009	8/26/2009	0.06	1.32	0.06	0.03	0.97	0.05
1R22	22	8/26/2009	8/29/2009	0.06	1.38	0.06	0.02	0.99	0.05
1R23	23	8/29/2009	9/1/2009	0.09	1.47	0.06	0.04	1.03	0.04
1R24	24	9/1/2009	9/4/2009	0.11	1.58	0.07	0.04	1.07	0.04
1R25	25	9/4/2009	9/7/2009	0.06	1.64	0.07	0.06	1.13	0.05
1R26	26	9/7/2009	9/10/2009	0.04	1.68	0.06	0.02	1.15	0.04
1R27	27	9/10/2009	9/13/2009	0.10	1.78	0.07	0.08	1.24	0.05
1R28	28	9/13/2009	9/16/2009	0.05	1.83	0.07	0.05	1.29	0.05
1R29	29	9/16/2009	9/19/2009	0.05	1.88	0.06	0.06	1.35	0.05
1R30	30	9/19/2009	9/22/2009	0.01	1.89	0.06	0.01	1.36	0.05
1PP1	31	9/22/2009	9/25/2009	0.04	1.92	0.06	0.05	1.41	0.05
1PP2	32	9/25/2009	9/28/2009	0.02	1.94	0.06	0.01	1.42	0.04
2R1	33	10/14/2009	10/17/2009	0.04	1.98	0.06	0.02	1.44	0.04
2R2	34	10/17/2009	10/20/2009	0.03	2.01	0.06	0.03	1.47	0.04
2R3	35	10/20/2009	10/23/2009	0.01	2.02	0.06	0.02	1.49	0.04
2R4	36	10/23/2009	10/26/2009	0.02	2.04	0.06	0.03	1.52	0.04
2R5	37	10/26/2009	10/29/2009	0.10	2.14	0.06	0.08	1.60	0.04
2R6	38	10/29/2009	11/1/2009	0.08	2.22	0.06	0.10	1.70	0.04
2R7	39	11/1/2009	11/4/2009	0.13	2.35	0.06	0.08	1.77	0.05
2R8	40	11/4/2009	11/7/2009	0.12	2.47	0.06	0.13	1.90	0.05
2R9	41	11/7/2009	11/10/2009	0.04	2.51	0.06	0.04	1.94	0.05
2R10	42	11/10/2009	11/13/2009	0.05	2.57	0.06	0.05	1.99	0.05
2R11	43	11/13/2009	11/16/2009	0.05	2.61	0.06	0.05	2.05	0.05
2R12	44	11/16/2009	11/19/2009	0.13	2.74	0.06	0.07	2.11	0.05
2R13	45	11/19/2009	11/22/2009	0.13	2.87	0.06	0.10	2.22	0.05
2R14	46	11/22/2009	11/25/2009	0.10	2.97	0.06	0.12	2.34	0.05
2R15	47	11/25/2009	11/28/2009	0.03	3.00	0.06	0.04	2.38	0.05
2R16	48	11/28/2009	12/1/2009	0.03	3.03	0.06	0.04	2.42	0.05
2R17	49	12/1/2009	12/4/2009	0.06	3.09	0.06	0.06	2.48	0.05
2R18	50	12/4/2009	12/7/2009	0.06	3.15	0.06	0.14	2.62	0.05
2R19	51	12/7/2009	12/10/2009	0.07	3.21	0.06	0.05	2.67	0.05
2R20	52	12/10/2009	12/13/2009	0.04	3.26	0.06	0.05	2.71	0.05
2R21	53	12/13/2009	12/16/2009	0.06	3.32	0.06	0.06	2.77	0.05
2PP1	54	12/16/2009	12/19/2009	0.12	3.44	0.06	0.10	2.87	0.05
2PP2	55	12/19/2009	12/22/2009	0.08	3.52	0.06	0.07	2.94	0.05
3R1	56	1/4/2010	1/7/2010	0.08	3.60	0.06	0.15	3.09	0.06
3R2	57	1/7/2010	1/10/2010	0.12	3.72	0.07	0.11	3.20	0.06
3R3	58	1/10/2010	1/13/2010	0.34	4.06	0.07	1.03	4.23	0.07
3R4	59	1/13/2010	1/16/2010	0.21	4.26	0.07	1.84	6.06	0.10
3R5	60	1/16/2010	1/19/2010	0.12	4.38	0.07	0.10	6.16	0.10
3R6	61	1/19/2010	1/22/2010	0.16	4.54	0.07	0.08	6.24	0.10
3R7	62	1/22/2010	1/25/2010	0.08	4.62	0.07	0.18	6.42	0.10
3R8	63	1/25/2010	1/28/2010	0.03	4.65	0.07	0.04	6.47	0.10
3R9	64	1/28/2010	1/31/2010	0.37	5.02	0.08	0.09	6.56	0.10
3R10	65	1/31/2010	2/3/2010	0.13	5.15	0.08	0.27	6.83	0.11
3R11	66	2/3/2010	2/6/2010	0.21	5.37	0.08	0.11	6.94	0.11
3R12	67	2/6/2010	2/9/2010	0.22	5.59	0.08	0.14	7.08	0.11
3R13	68	2/9/2010	2/12/2010	0.21	5.80	0.09	0.17	7.25	0.11
3R14	69	2/12/2010	2/15/2010	0.23	6.03	0.09	0.13	7.38	0.11
3R15	70	2/15/2010	2/18/2010	0.07	6.10	0.09	0.07	7.45	0.11

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
3R16	71	2/18/2010	2/21/2010	0.21	6.31	0.09	0.23	7.68	0.11
3R17	72	2/21/2010	2/24/2010	0.10	6.40	0.09	0.06	7.74	0.11
3PP1	73	2/24/2010	2/27/2010	0.06	6.46	0.09	0.04	7.77	0.11
3PP2	74	2/27/2010	3/2/2010	0.21	6.67	0.09	0.05	7.82	0.11
4R1	75	3/18/2010	3/21/2010	0.13	6.79	0.09	0.14	7.96	0.11
4R2	76	3/21/2010	3/24/2010	0.08	6.87	0.09	0.06	8.02	0.11
4R3	77	3/24/2010	3/27/2010	0.11	6.99	0.09	0.07	8.08	0.10
4R4	78	3/27/2010	3/30/2010	0.14	7.13	0.09	0.11	8.20	0.11
4R5	79	3/30/2010	4/2/2010	0.02	7.14	0.09	0.06	8.25	0.10
4R6	80	4/2/2010	4/5/2010	0.02	7.16	0.09	0.03	8.28	0.10
4R7	81	4/5/2010	4/8/2010	0.02	7.19	0.09	0.05	8.34	0.10
4R8	82	4/8/2010	4/11/2010	0.04	7.23	0.09	0.11	8.44	0.10
4R9	83	4/11/2010	4/14/2010	0.18	7.41	0.09	0.12	8.56	0.10
4R10	84	4/14/2010	4/17/2010	0.04	7.45	0.09	0.09	8.65	0.10
4R11	85	4/17/2010	4/20/2010	0.11	7.56	0.09	0.08	8.73	0.10
4R12	86	4/20/2010	4/23/2010	0.13	7.69	0.09	0.13	8.87	0.10
4R13	87	4/23/2010	4/26/2010	0.06	7.75	0.09	0.05	8.92	0.10
4R14	88	4/26/2010	4/29/2010	0.11	7.86	0.09	0.12	9.04	0.10
4R15	89	4/29/2010	5/2/2010	0.02	7.89	0.09	0.05	9.09	0.10
4R16	90	5/2/2010	5/5/2010	0.03	7.91	0.09	0.02	9.11	0.10
4R17	91	5/5/2010	5/8/2010	0.04	7.95	0.09	0.02	9.13	0.10
4R18	92	5/8/2010	5/11/2010	0.05	8.00	0.09	0.08	9.21	0.10
4R19	93	5/11/2010	5/14/2010	0.03	8.03	0.09	0.03	9.24	0.10
4R20	94	5/14/2010	5/17/2010	0.04	8.07	0.09	0.04	9.27	0.10
4R21	95	5/17/2010	5/20/2010	0.06	8.14	0.09	0.07	9.34	0.10
4R22	96	5/20/2010	5/23/2010	0.03	8.16	0.09	0.07	9.41	0.10
4R223	97	5/23/2010	5/26/2010	0.03	8.19	0.08	0.02	9.43	0.10
4R24	98	5/26/2010	5/29/2010	0.02	8.22	0.08	0.02	9.45	0.10
4R25	99	5/29/2010	6/1/2010	0.01	8.23	0.08	0.02	9.47	0.10
4R26	100	6/1/2010	6/4/2010	0.01	8.24	0.08	0.01	9.49	0.09
4R27	101	6/4/2010	6/7/2010	0.01	8.25	0.08	0.01	9.49	0.09
4R28	102	6/7/2010	6/10/2010	0.01	8.26	0.08	0.01	9.51	0.09
4PP1	103	6/10/2010	6/13/2010	0.01	8.27	0.08	0.01	9.52	0.09
4PP2	104	6/13/2010	6/16/2010	0.01	8.28	0.08	0.01	9.52	0.09
5R1	105	6/30/2010	7/3/2010	0.02	8.30	0.08	0.03	9.55	0.09
5R2	106	7/3/2010	7/6/2010	0.01	8.31	0.08	0.01	9.55	0.09
5R3	107	7/6/2010	7/9/2010	0.02	8.33	0.08	0.02	9.57	0.09
5R4	108	7/9/2010	7/12/2010	0.01	8.33	0.08	0.02	9.59	0.09
5R5	109	7/12/2010	7/15/2010	0.02	8.36	0.08	0.02	9.61	0.09
5R6	110	7/15/2010	7/18/2010	0.01	8.36	0.08	0.01	9.63	0.09
5R7	111	7/18/2010	7/21/2010	0.01	8.37	0.08	0.01	9.64	0.09
5R8	112	7/21/2010	7/24/2010	0.00	8.38	0.07	0.01	9.65	0.09
5R9	113	7/24/2010	7/27/2010	0.01	8.38	0.07	0.01	9.65	0.09
5R10	114	7/27/2010	7/30/2010	0.01	8.40	0.07	0.01	9.66	0.08
5R11	115	7/30/2010	8/2/2010	0.01	8.41	0.07	0.01	9.68	0.08
5R12	116	8/2/2010	8/5/2010	0.01	8.42	0.07	0.01	9.69	0.08
5R13	117	8/5/2010	8/8/2010	0.02	8.44	0.07	0.03	9.72	0.08
5R14	118	8/8/2010	8/11/2010	0.01	8.46	0.07	0.02	9.73	0.08
5R15	119	8/11/2010	8/14/2010	0.02	8.48	0.07	0.02	9.76	0.08
5R16	120	8/14/2010	8/17/2010	0.01	8.49	0.07	0.01	9.77	0.08
5R17	121	8/17/2010	8/20/2010	0.01	8.50	0.07	0.01	9.78	0.08
5R18	122	8/20/2010	8/23/2010	0.01	8.51	0.07	0.01	9.78	0.08
5R19	123	8/23/2010	8/26/2010	0.01	8.52	0.07	0.02	9.81	0.08
5R20	124	8/26/2010	8/29/2010	0.01	8.53	0.07	0.02	9.82	0.08
5R21	125	8/29/2010	9/1/2010	0.00	8.53	0.07	0.00	9.83	0.08
5R22	126	9/1/2010	9/4/2010	0.01	8.53	0.07	0.01	9.83	0.08
5R23	127	9/4/2010	9/7/2010	0.01	8.55	0.07	0.01	9.84	0.08
5R24	128	9/7/2010	9/10/2010	0.01	8.55	0.07	0.01	9.86	0.08
5R25	129	9/10/2010	9/13/2010	0.01	8.56	0.07	0.01	9.86	0.08
5R26	130	9/13/2010	9/16/2010	0.02	8.58	0.07	0.03	9.89	0.08
5R27	131	9/16/2010	9/19/2010	0.02	8.60	0.07	0.03	9.92	0.08
5PP1	132	9/19/2010	9/22/2010	0.01	8.61	0.07	0.01	9.93	0.08
5PP2	133	9/22/2010	9/25/2010	0.01	8.62	0.06	0.01	9.94	0.07
6R1	134	10/4/2010	10/7/2010	0.04	8.66	0.06	0.05	10.00	0.07
6R2	135	10/7/2010	10/10/2010	0.04	8.70	0.06	0.05	10.04	0.07
6R3	136	10/10/2010	10/13/2010	0.03	8.73	0.06	0.06	10.10	0.07
6R4	137	10/13/2010	10/16/2010	0.03	8.76	0.06	0.01	10.11	0.07
6R5	138	10/16/2010	10/19/2010	0.08	8.85	0.06	0.08	10.20	0.07
6R6	139	10/19/2010	10/22/2010	0.07	8.92	0.06	0.06	10.25	0.07
6R7	140	10/22/2010	10/25/2010	0.01	8.93	0.06	0.02	10.28	0.07

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
6R8	141	10/25/2010	10/28/2010	0.01	8.94	0.06	0.01	10.29	0.07
6R9	142	10/28/2010	10/31/2010	0.03	8.97	0.06	0.03	10.31	0.07
6R10	143	10/31/2010	11/3/2010	0.04	9.01	0.06	0.03	10.34	0.07
6R11	144	11/3/2010	11/6/2010	0.03	9.04	0.06	0.04	10.38	0.07
6R12	145	11/6/2010	11/9/2010	0.02	9.06	0.06	0.02	10.40	0.07
6R13	146	11/9/2010	11/12/2010	0.04	9.09	0.06	0.03	10.44	0.07
6R14	147	11/12/2010	11/15/2010	0.02	9.11	0.06	0.02	10.45	0.07
6R15	148	11/15/2010	11/18/2010	0.02	9.13	0.06	0.03	10.48	0.07
6R16	149	11/18/2010	11/21/2010	0.03	9.16	0.06	0.00	10.48	0.07
6R17	150	11/21/2010	11/24/2010	0.01	9.17	0.06	0.00	10.49	0.07
6R18	151	11/24/2010	11/27/2010	0.02	9.19	0.06	0.02	10.51	0.07
6R19	152	11/27/2010	11/30/2010	0.01	9.20	0.06	0.02	10.53	0.07
6R20	153	11/30/2010	12/3/2010	0.03	9.22	0.06	0.02	10.55	0.07
6R21	154	12/3/2010	12/6/2010	0.03	9.26	0.06	0.03	10.57	0.07
6R22	155	12/6/2010	12/9/2010	0.07	9.33	0.06	0.08	10.65	0.07
6PP1	156	12/9/2010	12/12/2010	0.04	9.37	0.06	0.03	10.68	0.07
6PP2	157	12/12/2010	12/15/2010	0.05	9.42	0.06	0.05	10.73	0.07
7R1	158	1/3/2011	1/6/2011	0.02	9.44	0.06	0.03	10.76	0.07
7R2	159	1/6/2011	1/9/2011	0.03	9.47	0.06	0.03	10.79	0.07
7R3	160	1/9/2011	1/12/2011	0.03	9.50	0.06	0.03	10.83	0.07
7R4	161	1/12/2011	1/15/2011	0.03	9.53	0.06	0.02	10.85	0.07
7R5	162	1/15/2011	1/18/2011	0.03	9.56	0.06	0.01	10.86	0.07
7R6	163	1/18/2011	1/21/2011	0.00	9.56	0.06	0.00	10.86	0.07
7R7	164	1/21/2011	1/24/2011	0.03	9.59	0.06	0.01	10.87	0.07
7R8	165	1/24/2011	1/27/2011	0.01	9.61	0.06	0.01	10.89	0.07
7R9	166	1/27/2011	1/30/2011	0.06	9.67	0.06	0.07	10.95	0.07
7R10	167	1/30/2011	2/2/2011	0.06	9.73	0.06	0.02	10.97	0.07
7R11	168	2/2/2011	2/5/2011	0.05	9.77	0.06	0.03	10.99	0.07
7R12	169	2/5/2011	2/8/2011	0.01	9.78	0.06	0.02	11.02	0.07
7R13	170	2/8/2011	2/11/2011	0.03	9.81	0.06	0.03	11.05	0.07
7R14	171	2/11/2011	2/14/2011	0.02	9.83	0.06	0.04	11.09	0.06
7R15	172	2/14/2011	2/17/2011	0.04	9.88	0.06	0.04	11.13	0.06
7R16	173	2/17/2011	2/20/2011	0.03	9.91	0.06	0.02	11.15	0.06
7R17	174	2/20/2011	2/23/2011	0.12	10.03	0.06	0.05	11.20	0.06
7R18	175	2/23/2011	2/26/2011	0.03	10.06	0.06	0.02	11.22	0.06
7R19	176	2/26/2011	3/1/2011	0.03	10.09	0.06	0.02	11.24	0.06
7R20	177	3/1/2011	3/4/2011	0.04	10.13	0.06	0.04	11.29	0.06
7R21	178	3/4/2011	3/7/2011	0.01	10.14	0.06	0.01	11.29	0.06
7R22	179	3/7/2011	3/10/2011	0.02	10.16	0.06	0.03	11.32	0.06
7PP1	180	3/10/2011	3/13/2011	0.02	10.17	0.06	0.01	11.33	0.06
7PP2	181	3/13/2011	3/16/2011	0.01	10.18	0.06	0.01	11.34	0.06
8R1	182	3/28/2011	3/31/2011	0.02	10.21	0.06	0.01	11.35	0.06
8R2	183	4/3/2011	4/6/2011	0.02	10.23	0.06	0.03	11.38	0.06
8R3	184	4/6/2011	4/9/2011	0.03	10.26	0.06	0.03	11.40	0.06
8R4	185	4/9/2011	4/12/2011	0.01	10.27	0.06	0.01	11.42	0.06
8R5	186	4/12/2011	4/15/2011	0.01	10.28	0.06	0.01	11.43	0.06
8R6	187	4/15/2011	4/18/2011	0.04	10.32	0.06	0.04	11.47	0.06
8R7	188	4/18/2011	4/21/2011	0.02	10.34	0.05	0.01	11.48	0.06
8R8	189	4/21/2011	4/24/2011	0.03	10.37	0.05	0.02	11.50	0.06
8R9	190	4/24/2011	4/27/2011	0.01	10.38	0.05	0.01	11.51	0.06
8R10	191	4/27/2011	4/30/2011	0.01	10.39	0.05	0.01	11.52	0.06
8R11	192	4/30/2011	5/3/2011	0.01	10.40	0.05	0.01	11.54	0.06
8PP1	193	5/3/2011	5/6/2011	0.01	10.42	0.05	0.01	11.55	0.06
9R1	194	5/10/2011	5/13/2011	0.01	10.43	0.05	0.01	11.56	0.06
9R2	195	5/13/2011	5/16/2011	0.02	10.45	0.05	0.01	11.57	0.06
9R3	196	5/16/2011	5/19/2011	0.01	10.46	0.05	0.01	11.58	0.06
9R4	197	5/19/2011	5/22/2011	0.00	10.46	0.05	0.00	11.59	0.06
9R5	198	5/22/2011	5/25/2011	0.00	10.47	0.05	0.00	11.59	0.06
9R6	199	5/25/2011	5/28/2011	0.01	10.47	0.05	0.01	11.60	0.06
9R7	200	5/28/2011	5/31/2011	0.01	10.48	0.05	0.01	11.61	0.06
9R8	201	5/31/2011	6/3/2011	0.03	10.51	0.05	0.02	11.63	0.06
9R9	202	6/3/2011	6/6/2011	0.01	10.52	0.05	0.01	11.64	0.06
9R10	203	6/6/2011	6/9/2011	0.01	10.53	0.05	0.01	11.65	0.06
9R11	204	6/9/2011	6/12/2011	0.01	10.54	0.05	0.01	11.66	0.06
9R12	205	6/12/2011	6/15/2011	0.02	10.56	0.05	0.04	11.70	0.06
9R13	206	6/15/2011	6/18/2011	0.01	10.57	0.05	0.02	11.72	0.06
9R14	207	6/18/2011	6/21/2011	0.02	10.59	0.05	0.02	11.74	0.06
9R15	208	6/21/2011	6/24/2011	0.03	10.61	0.05	0.01	11.75	0.06
9R16	209	6/24/2011	6/27/2011	0.02	10.63	0.05	0.01	11.76	0.06
9R17	210	6/27/2011	6/30/2011	0.02	10.65	0.05	0.03	11.79	0.06

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
9R18	211	6/30/2011	7/3/2011	0.01	10.66	0.05	0.01	11.80	0.06
9R19	212	7/3/2011	7/6/2011	0.02	10.68	0.05	0.02	11.82	0.06
9R20	213	7/6/2011	7/9/2011	0.02	10.70	0.05	0.02	11.84	0.06
9R21	214	7/9/2011	7/12/2011	0.01	10.71	0.05	0.00	11.84	0.06
9R22	215	7/12/2011	7/15/2011	0.01	10.72	0.05	0.01	11.85	0.06
9R23	216	7/15/2011	7/18/2011	0.01	10.73	0.05	0.02	11.87	0.05
9R24	217	7/18/2011	7/21/2011	0.01	10.74	0.05	0.01	11.88	0.05
9R25	218	7/21/2011	7/24/2011	0.01	10.75	0.05	0.01	11.89	0.05
9R26	219	7/24/2011	7/27/2011	0.01	10.76	0.05	0.01	11.90	0.05
OR1	220	7/27/2011	7/30/2011	0.03	10.79	0.05	0.10	12.00	0.05
OR2	221	7/30/2011	8/2/2011	0.04	10.83	0.05	0.05	12.05	0.05
OR3	222	8/2/2011	8/5/2011	0.04	10.87	0.05	0.03	12.08	0.05
OR4	223	8/5/2011	8/8/2011	0.03	10.90	0.05	0.09	12.17	0.05
OR5	224	8/8/2011	8/11/2011	0.04	10.94	0.05	0.08	12.25	0.05
OR6	225	8/11/2011	8/14/2011	0.02	10.96	0.05	0.03	12.28	0.05
OR7	226	8/14/2011	8/17/2011	0.04	11.00	0.05	0.07	12.35	0.05
OR8	227	8/17/2011	8/20/2011	0.05	11.05	0.05	0.23	12.58	0.06
OR9	228	8/20/2011	8/23/2011	0.07	11.11	0.05	0.12	12.70	0.06
OR10	229	8/23/2011	8/26/2011	0.06	11.17	0.05	0.07	12.77	0.06
OPP1	230	8/26/2011	8/29/2011	0.06	11.23	0.05	0.07	12.84	0.06
OPP2	231	8/29/2011	9/1/2011	0.01	11.24	0.05	0.02	12.86	0.06

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-03D		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
1R1	1	6/24/2009	6/27/2009	0.04	0.04	0.04	0.03	0.03	0.03
1R2	2	6/27/2009	6/30/2009	0.03	0.07	0.03	0.02	0.05	0.03
1R3	3	6/30/2009	7/3/2009	0.03	0.10	0.03	0.02	0.07	0.02
1R4	4	7/3/2009	7/6/2009	0.08	0.18	0.04	0.05	0.12	0.03
1R5	5	7/6/2009	7/9/2009	0.02	0.20	0.04	0.03	0.15	0.03
1R6	6	7/9/2009	7/12/2009	0.04	0.24	0.04	0.05	0.21	0.03
1R7	7	7/12/2009	7/15/2009	0.06	0.30	0.04	0.06	0.26	0.04
1R8	8	7/15/2009	7/18/2009	0.04	0.34	0.04	0.04	0.30	0.04
1R9	9	7/18/2009	7/21/2009	0.04	0.39	0.04	0.06	0.36	0.04
1R10	10	7/21/2009	7/24/2009	0.06	0.45	0.04	0.09	0.44	0.04
1R11	11	7/24/2009	7/27/2009	0.06	0.51	0.05	0.06	0.51	0.05
1R12	12	7/27/2009	7/30/2009	0.12	0.63	0.05	0.09	0.60	0.05
1R13	13	7/30/2009	8/2/2009	0.05	0.68	0.05	0.06	0.66	0.05
1R14	14	8/2/2009	8/5/2009	0.03	0.71	0.05	0.06	0.72	0.05
1R15	15	8/5/2009	8/8/2009	0.06	0.78	0.05	0.05	0.78	0.05
1R16	16	8/8/2009	8/11/2009	0.02	0.80	0.05	0.02	0.80	0.05
1R17	17	8/11/2009	8/14/2009	0.08	0.88	0.05	0.03	0.83	0.05
1R18	18	8/14/2009	8/17/2009	0.03	0.91	0.05	0.03	0.86	0.05
1R19	19	8/17/2009	8/20/2009	0.07	0.98	0.05	0.06	0.92	0.05
1R20	20	8/20/2009	8/23/2009	0.05	1.03	0.05	0.05	0.97	0.05
1R21	21	8/23/2009	8/26/2009	0.07	1.10	0.05	0.06	1.03	0.05
1R22	22	8/26/2009	8/29/2009	0.05	1.15	0.05	0.05	1.08	0.05
1R23	23	8/29/2009	9/1/2009	0.05	1.20	0.05	0.04	1.12	0.05
1R24	24	9/1/2009	9/4/2009	0.04	1.24	0.05	0.02	1.15	0.05
1R25	25	9/4/2009	9/7/2009	0.02	1.26	0.05	0.03	1.17	0.05
1R26	26	9/7/2009	9/10/2009	0.02	1.28	0.05	0.02	1.19	0.05
1R27	27	9/10/2009	9/13/2009	0.04	1.32	0.05	0.05	1.24	0.05
1R28	28	9/13/2009	9/16/2009	0.05	1.37	0.05	0.05	1.29	0.05
1R29	29	9/16/2009	9/19/2009	0.03	1.40	0.05	0.03	1.32	0.05
1R30	30	9/19/2009	9/22/2009	0.04	1.44	0.05	0.04	1.37	0.05
1PP1	31	9/22/2009	9/25/2009	0.03	1.47	0.05	0.06	1.43	0.05
1PP2	32	9/25/2009	9/28/2009	0.01	1.48	0.05	0.01	1.44	0.04
2R1	33	10/14/2009	10/17/2009	0.02	1.50	0.05	0.02	1.46	0.04
2R2	34	10/17/2009	10/20/2009	0.08	1.58	0.05	0.08	1.54	0.05
2R3	35	10/20/2009	10/23/2009	0.07	1.65	0.05	0.09	1.63	0.05
2R4	36	10/23/2009	10/26/2009	0.06	1.71	0.05	0.19	1.81	0.05
2R5	37	10/26/2009	10/29/2009	0.06	1.76	0.05	0.07	1.89	0.05
2R6	38	10/29/2009	11/1/2009	0.09	1.86	0.05	0.03	1.92	0.05
2R7	39	11/1/2009	11/4/2009	0.11	1.97	0.05	0.09	2.01	0.05
2R8	40	11/4/2009	11/7/2009	0.15	2.12	0.05	0.12	2.13	0.05
2R9	41	11/7/2009	11/10/2009	0.06	2.18	0.05	0.07	2.19	0.05
2R10	42	11/10/2009	11/13/2009	0.04	2.21	0.05	0.05	2.24	0.05
2R11	43	11/13/2009	11/16/2009	0.09	2.31	0.05	0.08	2.32	0.05
2R12	44	11/16/2009	11/19/2009	0.05	2.35	0.05	0.05	2.37	0.05
2R13	45	11/19/2009	11/22/2009	0.08	2.43	0.05	0.08	2.45	0.05
2R14	46	11/22/2009	11/25/2009	0.09	2.52	0.05	0.12	2.57	0.06
2R15	47	11/25/2009	11/28/2009	0.08	2.60	0.06	0.07	2.64	0.06
2R16	48	11/28/2009	12/1/2009	0.07	2.67	0.06	0.12	2.76	0.06
2R17	49	12/1/2009	12/4/2009	0.07	2.75	0.06	0.10	2.86	0.06
2R18	50	12/4/2009	12/7/2009	0.09	2.84	0.06	0.10	2.96	0.06
2R19	51	12/7/2009	12/10/2009	0.03	2.87	0.06	0.06	3.02	0.06
2R20	52	12/10/2009	12/13/2009	0.10	2.97	0.06	0.19	3.21	0.06
2R21	53	12/13/2009	12/16/2009	0.08	3.05	0.06	0.09	3.30	0.06
2PP1	54	12/16/2009	12/19/2009	0.06	3.11	0.06	0.07	3.37	0.06
2PP2	55	12/19/2009	12/22/2009	0.03	3.14	0.06	0.03	3.40	0.06
3R1	56	1/4/2010	1/7/2010	0.07	3.21	0.06	0.08	3.49	0.06
3R2	57	1/7/2010	1/10/2010	0.06	3.27	0.06	0.07	3.55	0.06
3R3	58	1/10/2010	1/13/2010	0.10	3.37	0.06	0.12	3.68	0.06
3R4	59	1/13/2010	1/16/2010	0.18	3.56	0.06	0.25	3.93	0.07
3R5	60	1/16/2010	1/19/2010	0.05	3.60	0.06	0.06	3.99	0.07
3R6	61	1/19/2010	1/22/2010	0.04	3.64	0.06	0.04	4.03	0.07
3R7	62	1/22/2010	1/25/2010	0.05	3.69	0.06	0.05	4.08	0.07
3R8	63	1/25/2010	1/28/2010	0.04	3.73	0.06	0.05	4.13	0.07
3R9	64	1/28/2010	1/31/2010	0.05	3.78	0.06	0.05	4.18	0.07
3R10	65	1/31/2010	2/3/2010	0.11	3.88	0.06	0.13	4.31	0.07
3R11	66	2/3/2010	2/6/2010	0.05	3.94	0.06	0.06	4.37	0.07
3R12	67	2/6/2010	2/9/2010	0.05	3.99	0.06	0.11	4.47	0.07
3R13	68	2/9/2010	2/12/2010	0.09	4.08	0.06	0.10	4.58	0.07
3R14	69	2/12/2010	2/15/2010	0.08	4.16	0.06	NA	4.58	0.07
3R15	70	2/15/2010	2/18/2010	0.04	4.21	0.06	0.05	4.63	0.07

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-03D		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
3R16	71	2/18/2010	2/21/2010	0.12	4.32	0.06	0.14	4.77	0.07
3R17	72	2/21/2010	2/24/2010	0.04	4.36	0.06	0.05	4.82	0.07
3PP1	73	2/24/2010	2/27/2010	0.02	4.39	0.06	0.01	4.83	0.07
3PP2	74	2/27/2010	3/2/2010	0.04	4.43	0.06	0.04	4.87	0.07
4R1	75	3/18/2010	3/21/2010	0.15	4.58	0.06	0.28	5.15	0.07
4R2	76	3/21/2010	3/24/2010	0.07	4.65	0.06	0.09	5.25	0.07
4R3	77	3/24/2010	3/27/2010	0.03	4.67	0.06	0.02	5.26	0.07
4R4	78	3/27/2010	3/30/2010	0.09	4.77	0.06	0.09	5.35	0.07
4R5	79	3/30/2010	4/2/2010	0.53	5.29	0.07	0.07	5.42	0.07
4R6	80	4/2/2010	4/5/2010	0.09	5.39	0.07	0.14	5.57	0.07
4R7	81	4/5/2010	4/8/2010	0.17	5.55	0.07	0.16	5.72	0.07
4R8	82	4/8/2010	4/11/2010	0.13	5.68	0.07	0.21	5.93	0.07
4R9	83	4/11/2010	4/14/2010	0.38	6.06	0.07	0.31	6.25	0.08
4R10	84	4/14/2010	4/17/2010	0.03	6.09	0.07	0.14	6.39	0.08
4R11	85	4/17/2010	4/20/2010	0.05	6.14	0.07	0.06	6.45	0.08
4R12	86	4/20/2010	4/23/2010	0.10	6.24	0.07	0.13	6.58	0.08
4R13	87	4/23/2010	4/26/2010	0.05	6.29	0.07	0.05	6.63	0.08
4R14	88	4/26/2010	4/29/2010	0.09	6.37	0.07	0.07	6.70	0.08
4R15	89	4/29/2010	5/2/2010	0.10	6.47	0.07	0.06	6.76	0.08
4R16	90	5/2/2010	5/5/2010	0.03	6.50	0.07	0.04	6.81	0.08
4R17	91	5/5/2010	5/8/2010	0.03	6.53	0.07	0.03	6.84	0.08
4R18	92	5/8/2010	5/11/2010	0.03	6.56	0.07	0.03	6.88	0.08
4R19	93	5/11/2010	5/14/2010	0.07	6.63	0.07	0.03	6.91	0.08
4R20	94	5/14/2010	5/17/2010	0.02	6.65	0.07	0.03	6.94	0.07
4R21	95	5/17/2010	5/20/2010	0.04	6.69	0.07	0.05	6.98	0.07
4R22	96	5/20/2010	5/23/2010	0.05	6.74	0.07	0.05	7.03	0.07
4R223	97	5/23/2010	5/26/2010	0.04	6.78	0.07	0.06	7.09	0.07
4R24	98	5/26/2010	5/29/2010	0.02	6.80	0.07	0.02	7.10	0.07
4R25	99	5/29/2010	6/1/2010	0.01	6.81	0.07	0.03	7.13	0.07
4R26	100	6/1/2010	6/4/2010	0.03	6.84	0.07	0.02	7.15	0.07
4R27	101	6/4/2010	6/7/2010	0.02	6.86	0.07	0.02	7.17	0.07
4R28	102	6/7/2010	6/10/2010	0.01	6.87	0.07	0.01	7.18	0.07
4PP1	103	6/10/2010	6/13/2010	0.01	6.89	0.07	0.02	7.20	0.07
4PP2	104	6/13/2010	6/16/2010	0.02	6.91	0.07	0.01	7.21	0.07
5R1	105	6/30/2010	7/3/2010	0.03	6.94	0.07	0.03	7.24	0.07
5R2	106	7/3/2010	7/6/2010	0.03	6.97	0.07	0.03	7.27	0.07
5R3	107	7/6/2010	7/9/2010	0.03	7.00	0.07	0.04	7.31	0.07
5R4	108	7/9/2010	7/12/2010	0.04	7.03	0.07	0.03	7.34	0.07
5R5	109	7/12/2010	7/15/2010	0.02	7.05	0.06	0.03	7.37	0.07
5R6	110	7/15/2010	7/18/2010	0.02	7.07	0.06	0.02	7.39	0.07
5R7	111	7/18/2010	7/21/2010	0.01	7.09	0.06	0.02	7.41	0.07
5R8	112	7/21/2010	7/24/2010	0.01	7.10	0.06	0.02	7.42	0.07
5R9	113	7/24/2010	7/27/2010	0.01	7.11	0.06	0.01	7.43	0.07
5R10	114	7/27/2010	7/30/2010	0.01	7.13	0.06	0.01	7.45	0.07
5R11	115	7/30/2010	8/2/2010	0.21	7.33	0.06	0.04	7.48	0.07
5R12	116	8/2/2010	8/5/2010	0.01	7.34	0.06	NA	7.48	0.07
5R13	117	8/5/2010	8/8/2010	0.04	7.39	0.06	NA	7.48	0.07
5R14	118	8/8/2010	8/11/2010	0.02	7.40	0.06	0.02	7.51	0.07
5R15	119	8/11/2010	8/14/2010	0.02	7.42	0.06	0.02	7.52	0.06
5R16	120	8/14/2010	8/17/2010	0.03	7.45	0.06	0.02	7.54	0.06
5R17	121	8/17/2010	8/20/2010	0.01	7.46	0.06	0.01	7.55	0.06
5R18	122	8/20/2010	8/23/2010	0.01	7.47	0.06	0.01	7.56	0.06
5R19	123	8/23/2010	8/26/2010	0.01	7.48	0.06	0.01	7.56	0.06
5R20	124	8/26/2010	8/29/2010	0.02	7.50	0.06	0.02	7.58	0.06
5R21	125	8/29/2010	9/1/2010	0.01	7.51	0.06	0.01	7.58	0.06
5R22	126	9/1/2010	9/4/2010	0.01	7.51	0.06	0.01	7.59	0.06
5R23	127	9/4/2010	9/7/2010	0.01	7.53	0.06	0.01	7.60	0.06
5R24	128	9/7/2010	9/10/2010	0.01	7.54	0.06	0.01	7.61	0.06
5R25	129	9/10/2010	9/13/2010	0.01	7.54	0.06	0.01	7.62	0.06
5R26	130	9/13/2010	9/16/2010	0.03	7.57	0.06	0.02	7.64	0.06
5R27	131	9/16/2010	9/19/2010	0.02	7.59	0.06	0.02	7.66	0.06
5PP1	132	9/19/2010	9/22/2010	0.01	7.60	0.06	0.01	7.67	0.06
5PP2	133	9/22/2010	9/25/2010	0.01	7.61	0.06	0.01	7.68	0.06
6R1	134	10/4/2010	10/7/2010	0.05	7.66	0.06	0.05	7.73	0.06
6R2	135	10/7/2010	10/10/2010	0.04	7.70	0.06	0.05	7.78	0.06
6R3	136	10/10/2010	10/13/2010	0.06	7.76	0.06	0.05	7.83	0.06
6R4	137	10/13/2010	10/16/2010	0.02	7.78	0.06	0.01	7.84	0.06
6R5	138	10/16/2010	10/19/2010	0.09	7.86	0.06	0.08	7.93	0.06
6R6	139	10/19/2010	10/22/2010	0.05	7.91	0.06	0.05	7.98	0.06
6R7	140	10/22/2010	10/25/2010	0.04	7.96	0.06	0.05	8.02	0.06

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-03D		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
6R8	141	10/25/2010	10/28/2010	0.01	7.97	0.06	0.01	8.03	0.06
6R9	142	10/28/2010	10/31/2010	0.03	7.99	0.06	0.03	8.06	0.06
6R10	143	10/31/2010	11/3/2010	0.02	8.02	0.06	0.05	8.10	0.06
6R11	144	11/3/2010	11/6/2010	0.04	8.06	0.06	0.03	8.13	0.06
6R12	145	11/6/2010	11/9/2010	0.02	8.08	0.06	0.03	8.16	0.06
6R13	146	11/9/2010	11/12/2010	0.03	8.11	0.06	0.03	8.19	0.06
6R14	147	11/12/2010	11/15/2010	0.02	8.13	0.06	0.01	8.21	0.06
6R15	148	11/15/2010	11/18/2010	0.02	8.15	0.06	0.04	8.25	0.06
6R16	149	11/18/2010	11/21/2010	0.00	8.15	0.05	0.01	8.26	0.06
6R17	150	11/21/2010	11/24/2010	0.01	8.16	0.05	0.01	8.26	0.06
6R18	151	11/24/2010	11/27/2010	0.01	8.18	0.05	0.01	8.27	0.05
6R19	152	11/27/2010	11/30/2010	0.02	8.19	0.05	0.01	8.28	0.05
6R20	153	11/30/2010	12/3/2010	0.02	8.21	0.05	0.02	8.30	0.05
6R21	154	12/3/2010	12/6/2010	0.02	8.23	0.05	0.03	8.33	0.05
6R22	155	12/6/2010	12/9/2010	0.05	8.28	0.05	0.04	8.38	0.05
6PP1	156	12/9/2010	12/12/2010	0.04	8.31	0.05	0.04	8.41	0.05
6PP2	157	12/12/2010	12/15/2010	0.04	8.35	0.05	0.04	8.45	0.05
7R1	158	1/3/2011	1/6/2011	0.02	8.37	0.05	0.02	8.47	0.05
7R2	159	1/6/2011	1/9/2011	0.02	8.39	0.05	0.00	8.48	0.05
7R3	160	1/9/2011	1/12/2011	0.03	8.42	0.05	NA	8.49	0.05
7R4	161	1/12/2011	1/15/2011	0.03	8.45	0.05	0.01	8.50	0.05
7R5	162	1/15/2011	1/18/2011	0.02	8.47	0.05	0.03	8.52	0.05
7R6	163	1/18/2011	1/21/2011	0.00	8.48	0.05	0.01	8.53	0.05
7R7	164	1/21/2011	1/24/2011	0.01	8.49	0.05	0.01	8.54	0.05
7R8	165	1/24/2011	1/27/2011	0.01	8.50	0.05	0.01	8.56	0.05
7R9	166	1/27/2011	1/30/2011	0.18	8.68	0.05	0.14	8.70	0.05
7R10	167	1/30/2011	2/2/2011	0.02	8.70	0.05	0.02	8.72	0.05
7R11	168	2/2/2011	2/5/2011	0.10	8.80	0.05	0.12	8.84	0.05
7R12	169	2/5/2011	2/8/2011	0.03	8.83	0.05	0.02	8.86	0.05
7R13	170	2/8/2011	2/11/2011	0.06	8.89	0.05	0.04	8.90	0.05
7R14	171	2/11/2011	2/14/2011	0.03	8.92	0.05	0.02	8.92	0.05
7R15	172	2/14/2011	2/17/2011	0.04	8.96	0.05	0.04	8.95	0.05
7R16	173	2/17/2011	2/20/2011	0.06	9.02	0.05	0.09	9.04	0.05
7R17	174	2/20/2011	2/23/2011	0.05	9.08	0.05	0.04	9.08	0.05
7R18	175	2/23/2011	2/26/2011	0.03	9.11	0.05	0.03	9.11	0.05
7R19	176	2/26/2011	3/1/2011	0.06	9.17	0.05	0.04	9.15	0.05
7R20	177	3/1/2011	3/4/2011	0.02	9.19	0.05	0.02	9.18	0.05
7R21	178	3/4/2011	3/7/2011	0.00	9.19	0.05	0.00	9.18	0.05
7R22	179	3/7/2011	3/10/2011	0.02	9.21	0.05	0.03	9.21	0.05
7PP1	180	3/10/2011	3/13/2011	0.01	9.22	0.05	0.02	9.23	0.05
7PP2	181	3/13/2011	3/16/2011	0.02	9.24	0.05	0.03	9.26	0.05
8R1	182	3/28/2011	3/31/2011	0.01	9.26	0.05	0.02	9.28	0.05
8R2	183	4/3/2011	4/6/2011	0.01	9.27	0.05	0.03	9.30	0.05
8R3	184	4/6/2011	4/9/2011	0.02	9.29	0.05	0.01	9.32	0.05
8R4	185	4/9/2011	4/12/2011	0.01	9.30	0.05	0.01	9.33	0.05
8R5	186	4/12/2011	4/15/2011	0.01	9.32	0.05	0.01	9.34	0.05
8R6	187	4/15/2011	4/18/2011	0.03	9.35	0.05	0.03	9.38	0.05
8R7	188	4/18/2011	4/21/2011	0.01	9.36	0.05	0.01	9.39	0.05
8R8	189	4/21/2011	4/24/2011	0.02	9.39	0.05	0.02	9.41	0.05
8R9	190	4/24/2011	4/27/2011	0.01	9.40	0.05	0.01	9.42	0.05
8R10	191	4/27/2011	4/30/2011	0.01	9.41	0.05	0.01	9.43	0.05
8R11	192	4/30/2011	5/3/2011	0.01	9.43	0.05	0.01	9.45	0.05
8PP1	193	5/3/2011	5/6/2011	0.02	9.45	0.05	0.01	9.46	0.05
9R1	194	5/10/2011	5/13/2011	0.02	9.47	0.05	0.02	9.48	0.05
9R2	195	5/13/2011	5/16/2011	0.02	9.48	0.05	0.02	9.49	0.05
9R3	196	5/16/2011	5/19/2011	0.01	9.49	0.05	0.02	9.51	0.05
9R4	197	5/19/2011	5/22/2011	0.01	9.50	0.05	0.01	9.52	0.05
9R5	198	5/22/2011	5/25/2011	0.01	9.50	0.05	0.01	9.53	0.05
9R6	199	5/25/2011	5/28/2011	0.00	9.51	0.05	0.01	9.53	0.05
9R7	200	5/28/2011	5/31/2011	0.01	9.52	0.05	0.01	9.54	0.05
9R8	201	5/31/2011	6/3/2011	0.02	9.54	0.05	0.03	9.57	0.05
9R9	202	6/3/2011	6/6/2011	0.02	9.56	0.05	0.01	9.58	0.05
9R10	203	6/6/2011	6/9/2011	0.02	9.58	0.05	0.02	9.60	0.05
9R11	204	6/9/2011	6/12/2011	0.01	9.59	0.05	0.02	9.61	0.05
9R12	205	6/12/2011	6/15/2011	0.01	9.60	0.05	0.02	9.63	0.05
9R13	206	6/15/2011	6/18/2011	0.03	9.62	0.05	0.03	9.66	0.05
9R14	207	6/18/2011	6/21/2011	0.02	9.65	0.05	0.02	9.68	0.05
9R15	208	6/21/2011	6/24/2011	0.01	9.66	0.05	0.02	9.70	0.05
9R16	209	6/24/2011	6/27/2011	0.01	9.67	0.05	0.02	9.72	0.05
9R17	210	6/27/2011	6/30/2011	0.02	9.69	0.05	0.03	9.75	0.05

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-03D		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
9R18	211	6/30/2011	7/3/2011	0.01	9.71	0.05	0.01	9.76	0.05
9R19	212	7/3/2011	7/6/2011	0.02	9.73	0.05	0.01	9.77	0.05
9R20	213	7/6/2011	7/9/2011	0.02	9.75	0.05	0.02	9.79	0.05
9R21	214	7/9/2011	7/12/2011	0.01	9.76	0.05	0.01	9.80	0.05
9R22	215	7/12/2011	7/15/2011	0.01	9.77	0.05	0.01	9.81	0.05
9R23	216	7/15/2011	7/18/2011	0.01	9.78	0.05	0.01	9.83	0.05
9R24	217	7/18/2011	7/21/2011	0.01	9.79	0.05	0.01	9.84	0.05
9R25	218	7/21/2011	7/24/2011	0.01	9.81	0.04	0.02	9.85	0.05
9R26	219	7/24/2011	7/27/2011	0.01	9.82	0.04	0.01	9.87	0.05
OR1	220	7/27/2011	7/30/2011	0.01	9.83	0.04	0.01	9.88	0.05
OR2	221	7/30/2011	8/2/2011	0.13	9.96	0.05	0.12	10.00	0.05
OR3	222	8/2/2011	8/5/2011	0.03	9.99	0.04	0.03	10.03	0.05
OR4	223	8/5/2011	8/8/2011	0.05	10.04	0.05	0.09	10.11	0.05
OR5	224	8/8/2011	8/11/2011	0.04	10.08	0.04	0.04	10.15	0.05
OR6	225	8/11/2011	8/14/2011	0.03	10.10	0.04	0.03	10.19	0.05
OR7	226	8/14/2011	8/17/2011	0.05	10.16	0.04	0.05	10.24	0.05
OR8	227	8/17/2011	8/20/2011	0.07	10.22	0.05	0.07	10.30	0.05
OR9	228	8/20/2011	8/23/2011	0.05	10.27	0.05	0.07	10.37	0.05
OR10	229	8/23/2011	8/26/2011	0.08	10.35	0.05	0.08	10.45	0.05
OPP1	230	8/26/2011	8/29/2011	0.04	10.39	0.05	0.04	10.49	0.05
OPP2	231	8/29/2011	9/1/2011	0.04	10.43	0.05	0.04	10.53	0.05

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-04			AMS-05		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
1R1	1	6/24/2009	6/27/2009	0.05	0.05	0.05	0.03	0.03	0.03
1R2	2	6/27/2009	6/30/2009	0.02	0.08	0.04	0.05	0.08	0.04
1R3	3	6/30/2009	7/3/2009	0.02	0.10	0.03	0.05	0.13	0.04
1R4	4	7/3/2009	7/6/2009	0.06	0.16	0.04	0.10	0.24	0.06
1R5	5	7/6/2009	7/9/2009	0.02	0.18	0.04	0.04	0.27	0.05
1R6	6	7/9/2009	7/12/2009	0.03	0.20	0.03	0.02	0.29	0.05
1R7	7	7/12/2009	7/15/2009	0.03	0.24	0.03	0.04	0.33	0.05
1R8	8	7/15/2009	7/18/2009	0.05	0.29	0.04	0.09	0.41	0.05
1R9	9	7/18/2009	7/21/2009	0.03	0.31	0.03	0.03	0.45	0.05
1R10	10	7/21/2009	7/24/2009	0.06	0.37	0.04	0.07	0.52	0.05
1R11	11	7/24/2009	7/27/2009	0.04	0.41	0.04	0.04	0.56	0.05
1R12	12	7/27/2009	7/30/2009	0.10	0.51	0.04	0.08	0.63	0.05
1R13	13	7/30/2009	8/2/2009	0.01	0.52	0.04	0.03	0.67	0.05
1R14	14	8/2/2009	8/5/2009	0.02	0.55	0.04	0.03	0.70	0.05
1R15	15	8/5/2009	8/8/2009	0.03	0.58	0.04	0.06	0.76	0.05
1R16	16	8/8/2009	8/11/2009	0.02	0.60	0.04	0.03	0.79	0.05
1R17	17	8/11/2009	8/14/2009	0.06	0.66	0.04	0.04	0.83	0.05
1R18	18	8/14/2009	8/17/2009	0.01	0.66	0.04	0.01	0.84	0.05
1R19	19	8/17/2009	8/20/2009	0.03	0.70	0.04	0.04	0.88	0.05
1R20	20	8/20/2009	8/23/2009	0.04	0.74	0.04	NA	0.88	0.05
1R21	21	8/23/2009	8/26/2009	0.05	0.79	0.04	0.03	0.91	0.05
1R22	22	8/26/2009	8/29/2009	0.04	0.83	0.04	0.03	0.94	0.04
1R23	23	8/29/2009	9/1/2009	0.03	0.85	0.04	0.06	1.00	0.05
1R24	24	9/1/2009	9/4/2009	0.02	0.87	0.04	0.03	1.03	0.04
1R25	25	9/4/2009	9/7/2009	0.04	0.91	0.04	0.03	1.06	0.04
1R26	26	9/7/2009	9/10/2009	0.04	0.95	0.04	0.06	1.13	0.05
1R27	27	9/10/2009	9/13/2009	0.03	0.98	0.04	0.05	1.17	0.05
1R28	28	9/13/2009	9/16/2009	0.05	1.03	0.04	0.03	1.21	0.04
1R29	29	9/16/2009	9/19/2009	0.04	1.07	0.04	0.26	1.47	0.05
1R30	30	9/19/2009	9/22/2009	0.01	1.08	0.04	0.01	1.48	0.05
1PP1	31	9/22/2009	9/25/2009	0.02	1.10	0.04	0.03	1.51	0.05
1PP2	32	9/25/2009	9/28/2009	0.01	1.11	0.03	0.01	1.52	0.05
2R1	33	10/14/2009	10/17/2009	0.02	1.13	0.03	0.02	1.54	0.05
2R2	34	10/17/2009	10/20/2009	0.02	1.15	0.03	0.02	1.57	0.05
2R3	35	10/20/2009	10/23/2009	0.01	1.16	0.03	0.01	1.58	0.05
2R4	36	10/23/2009	10/26/2009	0.04	1.19	0.03	0.02	1.60	0.05
2R5	37	10/26/2009	10/29/2009	0.08	1.27	0.03	0.05	1.65	0.05
2R6	38	10/29/2009	11/1/2009	0.07	1.34	0.04	0.07	1.72	0.05
2R7	39	11/1/2009	11/4/2009	0.05	1.39	0.04	0.06	1.77	0.05
2R8	40	11/4/2009	11/7/2009	0.10	1.49	0.04	0.09	1.86	0.05
2R9	41	11/7/2009	11/10/2009	0.04	1.53	0.04	0.03	1.89	0.05
2R10	42	11/10/2009	11/13/2009	0.04	1.57	0.04	0.04	1.93	0.05
2R11	43	11/13/2009	11/16/2009	0.03	1.60	0.04	0.03	1.96	0.05
2R12	44	11/16/2009	11/19/2009	0.02	1.63	0.04	0.02	1.99	0.05
2R13	45	11/19/2009	11/22/2009	0.08	1.70	0.04	0.06	2.04	0.05
2R14	46	11/22/2009	11/25/2009	0.08	1.78	0.04	0.04	2.08	0.05
2R15	47	11/25/2009	11/28/2009	0.07	1.85	0.04	0.05	2.14	0.05
2R16	48	11/28/2009	12/1/2009	0.04	1.89	0.04	0.04	2.17	0.05
2R17	49	12/1/2009	12/4/2009	0.06	1.95	0.04	0.05	2.22	0.05
2R18	50	12/4/2009	12/7/2009	0.05	2.00	0.04	0.04	2.26	0.05
2R19	51	12/7/2009	12/10/2009	0.06	2.06	0.04	0.04	2.30	0.05
2R20	52	12/10/2009	12/13/2009	0.05	2.10	0.04	0.04	2.34	0.05
2R21	53	12/13/2009	12/16/2009	0.05	2.15	0.04	0.04	2.37	0.05
2PP1	54	12/16/2009	12/19/2009	0.05	2.20	0.04	0.05	2.42	0.05
2PP2	55	12/19/2009	12/22/2009	0.04	2.24	0.04	0.03	2.45	0.05
3R1	56	1/4/2010	1/7/2010	0.12	2.36	0.04	0.08	2.54	0.05
3R2	57	1/7/2010	1/10/2010	0.15	2.51	0.04	0.08	2.62	0.05
3R3	58	1/10/2010	1/13/2010	0.06	2.57	0.04	0.09	2.71	0.05
3R4	59	1/13/2010	1/16/2010	0.03	2.61	0.04	0.11	2.82	0.05
3R5	60	1/16/2010	1/19/2010	0.08	2.69	0.04	0.10	2.92	0.05
3R6	61	1/19/2010	1/22/2010	0.03	2.72	0.04	0.04	2.95	0.05
3R7	62	1/22/2010	1/25/2010	0.06	2.78	0.04	0.04	3.00	0.05
3R8	63	1/25/2010	1/28/2010	0.11	2.89	0.05	0.17	3.17	0.05
3R9	64	1/28/2010	1/31/2010	0.06	2.96	0.05	0.04	3.21	0.05
3R10	65	1/31/2010	2/3/2010	0.14	3.09	0.05	0.13	3.33	0.05
3R11	66	2/3/2010	2/6/2010	0.06	3.16	0.05	0.08	3.41	0.05
3R12	67	2/6/2010	2/9/2010	0.04	3.20	0.05	0.09	3.50	0.05
3R13	68	2/9/2010	2/12/2010	0.12	3.32	0.05	0.13	3.63	0.05
3R14	69	2/12/2010	2/15/2010	0.12	3.44	0.05	0.14	3.77	0.06
3R15	70	2/15/2010	2/18/2010	0.16	3.60	0.05	0.14	3.91	0.06

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-04			AMS-05		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
3R16	71	2/18/2010	2/21/2010	0.10	3.70	0.05	0.07	3.98	0.06
3R17	72	2/21/2010	2/24/2010	0.06	3.76	0.05	0.06	4.04	0.06
3PP1	73	2/24/2010	2/27/2010	0.08	3.84	0.05	0.06	4.10	0.06
3PP2	74	2/27/2010	3/2/2010	0.09	3.93	0.05	0.05	4.15	0.06
4R1	75	3/18/2010	3/21/2010	0.29	4.21	0.06	0.29	4.45	0.06
4R2	76	3/21/2010	3/24/2010	0.09	4.30	0.06	0.07	4.52	0.06
4R3	77	3/24/2010	3/27/2010	0.04	4.35	0.06	0.04	4.55	0.06
4R4	78	3/27/2010	3/30/2010	0.12	4.47	0.06	0.12	4.67	0.06
4R5	79	3/30/2010	4/2/2010	0.12	4.59	0.06	0.06	4.73	0.06
4R6	80	4/2/2010	4/5/2010	0.10	4.69	0.06	0.14	4.87	0.06
4R7	81	4/5/2010	4/8/2010	0.07	4.76	0.06	0.11	4.99	0.06
4R8	82	4/8/2010	4/11/2010	0.14	4.90	0.06	0.09	5.08	0.06
4R9	83	4/11/2010	4/14/2010	0.12	5.02	0.06	0.06	5.13	0.06
4R10	84	4/14/2010	4/17/2010	0.19	5.21	0.06	0.11	5.25	0.06
4R11	85	4/17/2010	4/20/2010	0.08	5.29	0.06	0.08	5.33	0.06
4R12	86	4/20/2010	4/23/2010	0.22	5.51	0.06	0.21	5.53	0.07
4R13	87	4/23/2010	4/26/2010	0.06	5.58	0.06	0.04	5.57	0.06
4R14	88	4/26/2010	4/29/2010	0.10	5.67	0.06	0.10	5.67	0.07
4R15	89	4/29/2010	5/2/2010	0.08	5.75	0.06	0.02	5.69	0.06
4R16	90	5/2/2010	5/5/2010	0.09	5.84	0.06	0.13	5.82	0.07
4R17	91	5/5/2010	5/8/2010	0.04	5.88	0.06	0.13	5.94	0.07
4R18	92	5/8/2010	5/11/2010	0.05	5.93	0.06	0.07	6.01	0.07
4R19	93	5/11/2010	5/14/2010	0.12	6.04	0.06	0.14	6.15	0.07
4R20	94	5/14/2010	5/17/2010	0.14	6.18	0.07	0.08	6.23	0.07
4R21	95	5/17/2010	5/20/2010	0.12	6.30	0.07	0.04	6.27	0.07
4R22	96	5/20/2010	5/23/2010	0.07	6.37	0.07	0.02	6.30	0.07
4R223	97	5/23/2010	5/26/2010	0.03	6.40	0.07	0.03	6.32	0.07
4R24	98	5/26/2010	5/29/2010	0.03	6.43	0.07	0.02	6.34	0.07
4R25	99	5/29/2010	6/1/2010	0.02	6.45	0.07	0.01	6.35	0.06
4R26	100	6/1/2010	6/4/2010	0.02	6.46	0.06	0.01	6.36	0.06
4R27	101	6/4/2010	6/7/2010	0.02	6.48	0.06	0.01	6.37	0.06
4R28	102	6/7/2010	6/10/2010	0.02	6.50	0.06	0.04	6.41	0.06
4PP1	103	6/10/2010	6/13/2010	0.01	6.51	0.06	0.01	6.42	0.06
4PP2	104	6/13/2010	6/16/2010	0.01	6.52	0.06	0.01	6.43	0.06
5R1	105	6/30/2010	7/3/2010	0.07	6.58	0.06	0.02	6.44	0.06
5R2	106	7/3/2010	7/6/2010	0.06	6.64	0.06	0.00	6.45	0.06
5R3	107	7/6/2010	7/9/2010	0.25	6.90	0.06	0.03	6.48	0.06
5R4	108	7/9/2010	7/12/2010	0.09	6.98	0.06	0.03	6.51	0.06
5R5	109	7/12/2010	7/15/2010	0.18	7.17	0.07	0.03	6.54	0.06
5R6	110	7/15/2010	7/18/2010	0.07	7.24	0.07	0.02	6.56	0.06
5R7	111	7/18/2010	7/21/2010	0.17	7.41	0.07	0.02	6.58	0.06
5R8	112	7/21/2010	7/24/2010	0.09	7.49	0.07	0.01	6.58	0.06
5R9	113	7/24/2010	7/27/2010	0.02	7.51	0.07	0.01	6.59	0.06
5R10	114	7/27/2010	7/30/2010	0.05	7.56	0.07	0.01	6.60	0.06
5R11	115	7/30/2010	8/2/2010	0.04	7.60	0.07	0.02	6.62	0.06
5R12	116	8/2/2010	8/5/2010	0.01	7.61	0.07	0.01	6.62	0.06
5R13	117	8/5/2010	8/8/2010	0.05	7.66	0.07	0.04	6.66	0.06
5R14	118	8/8/2010	8/11/2010	0.03	7.69	0.07	0.01	6.67	0.06
5R15	119	8/11/2010	8/14/2010	0.01	7.69	0.06	0.01	6.68	0.06
5R16	120	8/14/2010	8/17/2010	0.02	7.71	0.06	0.01	6.69	0.06
5R17	121	8/17/2010	8/20/2010	0.01	7.73	0.06	0.01	6.70	0.06
5R18	122	8/20/2010	8/23/2010	0.01	7.74	0.06	0.01	6.71	0.06
5R19	123	8/23/2010	8/26/2010	0.01	7.75	0.06	0.01	6.72	0.06
5R20	124	8/26/2010	8/29/2010	0.01	7.76	0.06	0.01	6.72	0.05
5R21	125	8/29/2010	9/1/2010	0.02	7.79	0.06	0.00	6.72	0.05
5R22	126	9/1/2010	9/4/2010	0.01	7.79	0.06	0.01	6.73	0.05
5R23	127	9/4/2010	9/7/2010	0.01	7.81	0.06	0.01	6.74	0.05
5R24	128	9/7/2010	9/10/2010	0.01	7.82	0.06	0.01	6.75	0.05
5R25	129	9/10/2010	9/13/2010	0.01	7.83	0.06	0.01	6.75	0.05
5R26	130	9/13/2010	9/16/2010	0.03	7.86	0.06	0.01	6.77	0.05
5R27	131	9/16/2010	9/19/2010	0.03	7.89	0.06	0.02	6.78	0.05
5PP1	132	9/19/2010	9/22/2010	0.01	7.89	0.06	0.01	6.79	0.05
5PP2	133	9/22/2010	9/25/2010	0.01	7.90	0.06	NA	6.79	0.05
6R1	134	10/4/2010	10/7/2010	0.06	7.96	0.06	0.03	6.79	0.05
6R2	135	10/7/2010	10/10/2010	0.06	8.02	0.06	0.03	6.82	0.05
6R3	136	10/10/2010	10/13/2010	0.06	8.07	0.06	0.03	6.85	0.05
6R4	137	10/13/2010	10/16/2010	0.06	8.13	0.06	0.04	6.89	0.05
6R5	138	10/16/2010	10/19/2010	0.15	8.28	0.06	0.12	7.01	0.05
6R6	139	10/19/2010	10/22/2010	0.10	8.38	0.06	0.05	7.06	0.05
6R7	140	10/22/2010	10/25/2010	0.11	8.48	0.06	0.04	7.10	0.05

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-04			AMS-05		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
6R8	141	10/25/2010	10/28/2010	0.06	8.54	0.06	0.02	7.13	0.05
6R9	142	10/28/2010	10/31/2010	0.04	8.58	0.06	0.04	7.17	0.05
6R10	143	10/31/2010	11/3/2010	0.03	8.61	0.06	0.03	7.20	0.05
6R11	144	11/3/2010	11/6/2010	0.03	8.65	0.06	0.04	7.24	0.05
6R12	145	11/6/2010	11/9/2010	0.03	8.67	0.06	0.02	7.26	0.05
6R13	146	11/9/2010	11/12/2010	0.04	8.72	0.06	0.03	7.29	0.05
6R14	147	11/12/2010	11/15/2010	0.02	8.74	0.06	0.02	7.30	0.05
6R15	148	11/15/2010	11/18/2010	0.01	8.75	0.06	0.02	7.32	0.05
6R16	149	11/18/2010	11/21/2010	0.00	8.75	0.06	0.00	7.32	0.05
6R17	150	11/21/2010	11/24/2010	0.01	8.76	0.06	0.03	7.35	0.05
6R18	151	11/24/2010	11/27/2010	0.01	8.77	0.06	0.04	7.39	0.05
6R19	152	11/27/2010	11/30/2010	0.03	8.81	0.06	0.02	7.41	0.05
6R20	153	11/30/2010	12/3/2010	0.02	8.82	0.06	0.02	7.44	0.05
6R21	154	12/3/2010	12/6/2010	0.03	8.86	0.06	0.04	7.47	0.05
6R22	155	12/6/2010	12/9/2010	0.05	8.91	0.06	0.08	7.55	0.05
6PP1	156	12/9/2010	12/12/2010	0.04	8.94	0.06	0.03	7.59	0.05
6PP2	157	12/12/2010	12/15/2010	0.05	8.99	0.06	0.06	7.65	0.05
7R1	158	1/3/2011	1/6/2011	0.03	9.02	0.06	0.03	7.68	0.05
7R2	159	1/6/2011	1/9/2011	0.02	9.04	0.06	0.02	7.69	0.05
7R3	160	1/9/2011	1/12/2011	0.02	9.06	0.06	0.03	7.72	0.05
7R4	161	1/12/2011	1/15/2011	0.03	9.09	0.06	0.02	7.75	0.05
7R5	162	1/15/2011	1/18/2011	0.01	9.10	0.06	0.03	7.77	0.05
7R6	163	1/18/2011	1/21/2011	0.00	9.11	0.06	0.01	7.79	0.05
7R7	164	1/21/2011	1/24/2011	0.01	9.12	0.06	0.01	7.80	0.05
7R8	165	1/24/2011	1/27/2011	0.02	9.14	0.06	0.01	7.81	0.05
7R9	166	1/27/2011	1/30/2011	0.21	9.34	0.06	0.10	7.91	0.05
7R10	167	1/30/2011	2/2/2011	0.03	9.37	0.06	0.64	8.55	0.05
7R11	168	2/2/2011	2/5/2011	0.12	9.49	0.06	0.06	8.61	0.05
7R12	169	2/5/2011	2/8/2011	0.03	9.53	0.06	0.10	8.71	0.05
7R13	170	2/8/2011	2/11/2011	0.10	9.63	0.06	0.04	8.74	0.05
7R14	171	2/11/2011	2/14/2011	0.06	9.69	0.06	0.09	8.84	0.05
7R15	172	2/14/2011	2/17/2011	0.05	9.74	0.06	0.04	8.87	0.05
7R16	173	2/17/2011	2/20/2011	0.06	9.81	0.06	0.01	8.88	0.05
7R17	174	2/20/2011	2/23/2011	NA	9.67	0.06	0.04	8.92	0.05
7R18	175	2/23/2011	2/26/2011	0.02	9.69	0.06	0.01	8.93	0.05
7R19	176	2/26/2011	3/1/2011	0.02	9.71	0.06	0.03	8.96	0.05
7R20	177	3/1/2011	3/4/2011	0.01	9.72	0.06	0.01	8.97	0.05
7R21	178	3/4/2011	3/7/2011	0.01	9.73	0.05	0.01	8.98	0.05
7R22	179	3/7/2011	3/10/2011	0.03	9.76	0.05	0.03	9.01	0.05
7PP1	180	3/10/2011	3/13/2011	0.02	9.78	0.05	0.01	9.02	0.05
7PP2	181	3/13/2011	3/16/2011	0.02	9.80	0.05	0.02	9.04	0.05
8R1	182	3/28/2011	3/31/2011	0.02	9.82	0.05	0.01	9.05	0.05
8R2	183	4/3/2011	4/6/2011	0.01	9.84	0.05	0.02	9.07	0.05
8R3	184	4/6/2011	4/9/2011	0.02	9.85	0.05	0.01	9.09	0.05
8R4	185	4/9/2011	4/12/2011	0.00	9.85	0.05	0.01	9.09	0.05
8R5	186	4/12/2011	4/15/2011	0.00	9.86	0.05	0.01	9.10	0.05
8R6	187	4/15/2011	4/18/2011	0.03	9.89	0.05	0.03	9.12	0.05
8R7	188	4/18/2011	4/21/2011	0.02	9.90	0.05	0.01	9.13	0.05
8R8	189	4/21/2011	4/24/2011	0.02	9.92	0.05	0.02	9.15	0.05
8R9	190	4/24/2011	4/27/2011	0.01	9.93	0.05	0.01	9.16	0.05
8R10	191	4/27/2011	4/30/2011	0.01	9.94	0.05	0.01	9.17	0.05
8R11	192	4/30/2011	5/3/2011	0.02	9.96	0.05	0.01	9.18	0.05
8PP1	193	5/3/2011	5/6/2011	0.03	9.99	0.05	0.01	9.20	0.05
9R1	194	5/10/2011	5/13/2011	0.02	10.01	0.05	0.01	9.21	0.05
9R2	195	5/13/2011	5/16/2011	0.02	10.02	0.05	0.02	9.22	0.05
9R3	196	5/16/2011	5/19/2011	0.01	10.03	0.05	0.01	9.24	0.05
9R4	197	5/19/2011	5/22/2011	0.01	10.04	0.05	0.00	9.24	0.05
9R5	198	5/22/2011	5/25/2011	0.01	10.05	0.05	0.00	9.24	0.05
9R6	199	5/25/2011	5/28/2011	0.00	10.05	0.05	0.00	9.25	0.05
9R7	200	5/28/2011	5/31/2011	0.00	10.05	0.05	0.00	9.25	0.05
9R8	201	5/31/2011	6/3/2011	0.03	10.08	0.05	0.03	9.28	0.05
9R9	202	6/3/2011	6/6/2011	0.01	10.10	0.05	0.01	9.29	0.05
9R10	203	6/6/2011	6/9/2011	0.00	10.10	0.05	0.00	9.29	0.05
9R11	204	6/9/2011	6/12/2011	0.01	10.11	0.05	0.01	9.30	0.05
9R12	205	6/12/2011	6/15/2011	0.01	10.12	0.05	0.01	9.31	0.05
9R13	206	6/15/2011	6/18/2011	0.01	10.13	0.05	0.01	9.32	0.05
9R14	207	6/18/2011	6/21/2011	0.01	10.15	0.05	0.01	9.33	0.05
9R15	208	6/21/2011	6/24/2011	0.01	10.16	0.05	0.01	9.34	0.04
9R16	209	6/24/2011	6/27/2011	0.01	10.17	0.05	0.02	9.35	0.04
9R17	210	6/27/2011	6/30/2011	0.03	10.20	0.05	0.03	9.38	0.04

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-04			AMS-05		
				Conc	Cum Conc	Running Avg	Conc	Cum Conc	Running Avg
9R18	211	6/30/2011	7/3/2011	0.01	10.21	0.05	0.01	9.38	0.04
9R19	212	7/3/2011	7/6/2011	0.02	10.23	0.05	0.01	9.40	0.04
9R20	213	7/6/2011	7/9/2011	0.02	10.25	0.05	0.01	9.41	0.04
9R21	214	7/9/2011	7/12/2011	0.01	10.26	0.05	0.01	9.42	0.04
9R22	215	7/12/2011	7/15/2011	0.02	10.28	0.05	0.01	9.43	0.04
9R23	216	7/15/2011	7/18/2011	0.02	10.30	0.05	0.01	9.44	0.04
9R24	217	7/18/2011	7/21/2011	0.01	10.31	0.05	0.01	9.45	0.04
9R25	218	7/21/2011	7/24/2011	0.01	10.32	0.05	0.00	9.45	0.04
9R26	219	7/24/2011	7/27/2011	0.01	10.33	0.05	0.00	9.45	0.04
OR1	220	7/27/2011	7/30/2011	0.01	10.34	0.05	0.01	9.46	0.04
OR2	221	7/30/2011	8/2/2011	0.22	10.55	0.05	0.05	9.51	0.04
OR3	222	8/2/2011	8/5/2011	0.12	10.67	0.05	0.03	9.54	0.04
OR4	223	8/5/2011	8/8/2011	0.10	10.78	0.05	0.03	9.57	0.04
OR5	224	8/8/2011	8/11/2011	0.17	10.95	0.05	0.06	9.64	0.04
OR6	225	8/11/2011	8/14/2011	0.04	10.99	0.05	0.02	9.65	0.04
OR7	226	8/14/2011	8/17/2011	0.10	11.09	0.05	0.04	9.69	0.04
OR8	227	8/17/2011	8/20/2011	0.08	11.17	0.05	0.04	9.73	0.04
OR9	228	8/20/2011	8/23/2011	0.08	11.25	0.05	0.26	9.99	0.04
OR10	229	8/23/2011	8/26/2011	0.23	11.48	0.05	0.06	10.05	0.04
OPP1	230	8/26/2011	8/29/2011	0.24	11.73	0.05	0.06	10.12	0.04
OPP2	231	8/29/2011	9/1/2011	0.04	11.76	0.05	0.01	10.13	0.04

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-06		
				Conc	Cum Conc	Running Avg
1R1	1	6/24/2009	6/27/2009	0.02	0.02	0.02
1R2	2	6/27/2009	6/30/2009	0.05	0.07	0.03
1R3	3	6/30/2009	7/3/2009	0.28	0.34	0.11
1R4	4	7/3/2009	7/6/2009	0.14	0.48	0.12
1R5	5	7/6/2009	7/9/2009	0.06	0.54	0.11
1R6	6	7/9/2009	7/12/2009	0.14	0.68	0.11
1R7	7	7/12/2009	7/15/2009	0.06	0.74	0.11
1R8	8	7/15/2009	7/18/2009	0.08	0.82	0.10
1R9	9	7/18/2009	7/21/2009	0.03	0.86	0.10
1R10	10	7/21/2009	7/24/2009	0.08	0.94	0.09
1R11	11	7/24/2009	7/27/2009	0.03	0.97	0.09
1R12	12	7/27/2009	7/30/2009	0.09	1.06	0.09
1R13	13	7/30/2009	8/2/2009	0.03	1.09	0.08
1R14	14	8/2/2009	8/5/2009	0.02	1.11	0.08
1R15	15	8/5/2009	8/8/2009	0.09	1.19	0.08
1R16	16	8/8/2009	8/11/2009	0.04	1.23	0.08
1R17	17	8/11/2009	8/14/2009	0.09	1.32	0.08
1R18	18	8/14/2009	8/17/2009	0.01	1.33	0.07
1R19	19	8/17/2009	8/20/2009	0.04	1.36	0.07
1R20	20	8/20/2009	8/23/2009	0.11	1.48	0.07
1R21	21	8/23/2009	8/26/2009	0.04	1.51	0.07
1R22	22	8/26/2009	8/29/2009	0.04	1.55	0.07
1R23	23	8/29/2009	9/1/2009	0.10	1.65	0.07
1R24	24	9/1/2009	9/4/2009	0.11	1.75	0.07
1R25	25	9/4/2009	9/7/2009	0.10	1.85	0.07
1R26	26	9/7/2009	9/10/2009	0.16	2.01	0.08
1R27	27	9/10/2009	9/13/2009	0.02	2.04	0.08
1R28	28	9/13/2009	9/16/2009	0.16	2.20	0.08
1R29	29	9/16/2009	9/19/2009	0.03	2.23	0.08
1R30	30	9/19/2009	9/22/2009	0.01	2.24	0.07
1PP1	31	9/22/2009	9/25/2009	0.05	2.29	0.07
1PP2	32	9/25/2009	9/28/2009	0.01	2.30	0.07
2R1	33	10/14/2009	10/17/2009	0.05	2.35	0.07
2R2	34	10/17/2009	10/20/2009	0.03	2.38	0.07
2R3	35	10/20/2009	10/23/2009	0.01	2.39	0.07
2R4	36	10/23/2009	10/26/2009	0.04	2.42	0.07
2R5	37	10/26/2009	10/29/2009	0.04	2.47	0.07
2R6	38	10/29/2009	11/1/2009	0.08	2.54	0.07
2R7	39	11/1/2009	11/4/2009	0.15	2.69	0.07
2R8	40	11/4/2009	11/7/2009	0.13	2.82	0.07
2R9	41	11/7/2009	11/10/2009	0.04	2.86	0.07
2R10	42	11/10/2009	11/13/2009	0.05	2.91	0.07
2R11	43	11/13/2009	11/16/2009	0.05	2.96	0.07
2R12	44	11/16/2009	11/19/2009	0.04	3.00	0.07
2R13	45	11/19/2009	11/22/2009	0.07	3.07	0.07
2R14	46	11/22/2009	11/25/2009	0.05	3.11	0.07
2R15	47	11/25/2009	11/28/2009	0.06	3.17	0.07
2R16	48	11/28/2009	12/1/2009	0.05	3.22	0.07
2R17	49	12/1/2009	12/4/2009	0.08	3.30	0.07
2R18	50	12/4/2009	12/7/2009	0.04	3.34	0.07
2R19	51	12/7/2009	12/10/2009	0.05	3.40	0.07
2R20	52	12/10/2009	12/13/2009	0.04	3.44	0.07
2R21	53	12/13/2009	12/16/2009	0.05	3.50	0.07
2PP1	54	12/16/2009	12/19/2009	0.07	3.57	0.07
2PP2	55	12/19/2009	12/22/2009	0.04	3.61	0.07
3R1	56	1/4/2010	1/7/2010	0.11	3.72	0.07
3R2	57	1/7/2010	1/10/2010	0.13	3.86	0.07
3R3	58	1/10/2010	1/13/2010	0.19	4.04	0.07
3R4	59	1/13/2010	1/16/2010	0.10	4.14	0.07
3R5	60	1/16/2010	1/19/2010	0.09	4.23	0.07
3R6	61	1/19/2010	1/22/2010	0.15	4.38	0.07
3R7	62	1/22/2010	1/25/2010	0.06	4.44	0.07
3R8	63	1/25/2010	1/28/2010	0.05	4.48	0.07
3R9	64	1/28/2010	1/31/2010	0.13	4.61	0.07
3R10	65	1/31/2010	2/3/2010	0.12	4.73	0.07
3R11	66	2/3/2010	2/6/2010	0.18	4.91	0.07
3R12	67	2/6/2010	2/9/2010	0.44	5.35	0.08
3R13	68	2/9/2010	2/12/2010	0.17	5.52	0.08
3R14	69	2/12/2010	2/15/2010	0.09	5.61	0.08
3R15	70	2/15/2010	2/18/2010	0.11	5.72	0.08
NA	Sample Not Analyzed					

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-06		
				Conc	Cum Conc	Running Avg
3R16	71	2/18/2010	2/21/2010	0.09	5.81	0.08
3R17	72	2/21/2010	2/24/2010	0.09	5.91	0.08
3PP1	73	2/24/2010	2/27/2010	0.07	5.98	0.08
3PP2	74	2/27/2010	3/2/2010	0.05	6.03	0.08
4R1	75	3/18/2010	3/21/2010	0.29	6.32	0.08
4R2	76	3/21/2010	3/24/2010	0.17	6.49	0.09
4R3	77	3/24/2010	3/27/2010	0.15	6.64	0.09
4R4	78	3/27/2010	3/30/2010	0.44	7.08	0.09
4R5	79	3/30/2010	4/2/2010	0.17	7.25	0.09
4R6	80	4/2/2010	4/5/2010	0.30	7.55	0.09
4R7	81	4/5/2010	4/8/2010	0.49	8.04	0.10
4R8	82	4/8/2010	4/11/2010	0.62	8.65	0.11
4R9	83	4/11/2010	4/14/2010	0.87	9.53	0.11
4R10	84	4/14/2010	4/17/2010	7.70	17.23	0.21
4R11	85	4/17/2010	4/20/2010	0.06	17.29	0.20
4R12	86	4/20/2010	4/23/2010	1.12	18.41	0.21
4R13	87	4/23/2010	4/26/2010	0.34	18.76	0.22
4R14	88	4/26/2010	4/29/2010	3.42	22.18	0.25
4R15	89	4/29/2010	5/2/2010	0.49	22.66	0.25
4R16	90	5/2/2010	5/5/2010	0.55	23.21	0.26
4R17	91	5/5/2010	5/8/2010	0.92	24.13	0.27
4R18	92	5/8/2010	5/11/2010	0.86	24.99	0.27
4R19	93	5/11/2010	5/14/2010	0.70	25.69	0.28
4R20	94	5/14/2010	5/17/2010	0.18	25.87	0.28
4R21	95	5/17/2010	5/20/2010	0.10	25.97	0.27
4R22	96	5/20/2010	5/23/2010	0.07	26.04	0.27
4R223	97	5/23/2010	5/26/2010	0.04	26.07	0.27
4R24	98	5/26/2010	5/29/2010	0.05	26.13	0.27
4R25	99	5/29/2010	6/1/2010	0.04	26.16	0.26
4R26	100	6/1/2010	6/4/2010	0.11	26.28	0.26
4R27	101	6/4/2010	6/7/2010	0.07	26.35	0.26
4R28	102	6/7/2010	6/10/2010	0.09	26.44	0.26
4PP1	103	6/10/2010	6/13/2010	0.04	26.48	0.26
4PP2	104	6/13/2010	6/16/2010	0.02	26.50	0.25
5R1	105	6/30/2010	7/3/2010	0.03	26.54	0.25
5R2	106	7/3/2010	7/6/2010	0.00	26.54	0.25
5R3	107	7/6/2010	7/9/2010	0.04	26.58	0.25
5R4	108	7/9/2010	7/12/2010	0.02	26.60	0.25
5R5	109	7/12/2010	7/15/2010	0.02	26.62	0.24
5R6	110	7/15/2010	7/18/2010	0.01	26.63	0.24
5R7	111	7/18/2010	7/21/2010	0.02	26.65	0.24
5R8	112	7/21/2010	7/24/2010	0.01	26.66	0.24
5R9	113	7/24/2010	7/27/2010	0.01	26.67	0.24
5R10	114	7/27/2010	7/30/2010	0.02	26.68	0.23
5R11	115	7/30/2010	8/2/2010	0.01	26.70	0.23
5R12	116	8/2/2010	8/5/2010	0.01	25.11	0.22
5R13	117	8/5/2010	8/8/2010	0.04	25.11	0.21
5R14	118	8/8/2010	8/11/2010	0.01	25.12	0.21
5R15	119	8/11/2010	8/14/2010	0.00	25.13	0.21
5R16	120	8/14/2010	8/17/2010	0.02	25.14	0.21
5R17	121	8/17/2010	8/20/2010	0.07	25.21	0.21
5R18	122	8/20/2010	8/23/2010	0.01	25.22	0.21
5R19	123	8/23/2010	8/26/2010	0.01	25.23	0.21
5R20	124	8/26/2010	8/29/2010	0.01	25.24	0.20
5R21	125	8/29/2010	9/1/2010	0.00	25.24	0.20
5R22	126	9/1/2010	9/4/2010	0.00	25.25	0.20
5R23	127	9/4/2010	9/7/2010	0.01	25.25	0.20
5R24	128	9/7/2010	9/10/2010	0.01	25.26	0.20
5R25	129	9/10/2010	9/13/2010	0.00	25.27	0.20
5R26	130	9/13/2010	9/16/2010	0.02	25.28	0.19
5R27	131	9/16/2010	9/19/2010	0.01	25.29	0.19
5PP1	132	9/19/2010	9/22/2010	0.01	25.30	0.19
5PP2	133	9/22/2010	9/25/2010	0.00	25.30	0.19
6R1	134	10/4/2010	10/7/2010	0.01	25.31	0.19
6R2	135	10/7/2010	10/10/2010	0.02	25.33	0.19
6R3	136	10/10/2010	10/13/2010	0.04	25.37	0.19
6R4	137	10/13/2010	10/16/2010	0.03	25.41	0.19
6R5	138	10/16/2010	10/19/2010	0.02	25.43	0.19
6R6	139	10/19/2010	10/22/2010	0.02	25.45	0.19
6R7	140	10/22/2010	10/25/2010	0.02	25.47	0.18

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-06		
				Conc	Cum Conc	Running Avg
6R8	141	10/25/2010	10/28/2010	0.02	25.49	0.18
6R9	142	10/28/2010	10/31/2010	0.00	25.49	0.18
6R10	143	10/31/2010	11/3/2010	0.01	25.50	0.18
6R11	144	11/3/2010	11/6/2010	0.01	25.51	0.18
6R12	145	11/6/2010	11/9/2010	0.01	25.52	0.18
6R13	146	11/9/2010	11/12/2010	0.02	25.53	0.18
6R14	147	11/12/2010	11/15/2010	0.03	25.56	0.18
6R15	148	11/15/2010	11/18/2010	0.02	25.58	0.18
6R16	149	11/18/2010	11/21/2010	0.00	25.58	0.17
6R17	150	11/21/2010	11/24/2010	0.01	25.59	0.17
6R18	151	11/24/2010	11/27/2010	0.01	25.60	0.17
6R19	152	11/27/2010	11/30/2010	0.01	25.61	0.17
6R20	153	11/30/2010	12/3/2010	0.02	25.62	0.17
6R21	154	12/3/2010	12/6/2010	0.03	25.65	0.17
6R22	155	12/6/2010	12/9/2010	0.05	25.71	0.17
6PP1	156	12/9/2010	12/12/2010	0.04	25.75	0.17
6PP2	157	12/12/2010	12/15/2010	NA	25.75	0.17
7R1	158	1/3/2011	1/6/2011	0.02	25.77	0.17
7R2	159	1/6/2011	1/9/2011	0.03	25.80	0.17
7R3	160	1/9/2011	1/12/2011	0.02	25.82	0.16
7R4	161	1/12/2011	1/15/2011	0.02	25.84	0.16
7R5	162	1/15/2011	1/18/2011	0.03	25.87	0.16
7R6	163	1/18/2011	1/21/2011	0.01	25.88	0.16
7R7	164	1/21/2011	1/24/2011	0.02	25.90	0.16
7R8	165	1/24/2011	1/27/2011	0.01	25.91	0.16
7R9	166	1/27/2011	1/30/2011	0.24	26.15	0.16
7R10	167	1/30/2011	2/2/2011	0.08	26.23	0.16
7R11	168	2/2/2011	2/5/2011	0.08	26.31	0.16
7R12	169	2/5/2011	2/8/2011	0.02	26.33	0.16
7R13	170	2/8/2011	2/11/2011	0.05	26.39	0.16
7R14	171	2/11/2011	2/14/2011	0.09	26.48	0.16
7R15	172	2/14/2011	2/17/2011	0.11	26.59	0.16
7R16	173	2/17/2011	2/20/2011	0.06	26.65	0.16
7R17	174	2/20/2011	2/23/2011	0.10	26.75	0.16
7R18	175	2/23/2011	2/26/2011	0.04	26.78	0.16
7R19	176	2/26/2011	3/1/2011	0.05	26.84	0.16
7R20	177	3/1/2011	3/4/2011	0.04	26.87	0.15
7R21	178	3/4/2011	3/7/2011	0.00	26.88	0.15
7R22	179	3/7/2011	3/10/2011	0.01	26.89	0.15
7PP1	180	3/10/2011	3/13/2011	0.01	26.90	0.15
7PP2	181	3/13/2011	3/16/2011	0.02	26.92	0.15
8R1	182	3/28/2011	3/31/2011	0.03	26.95	0.15
8R2	183	4/3/2011	4/6/2011	0.03	26.98	0.15
8R3	184	4/6/2011	4/9/2011	0.02	27.00	0.15
8R4	185	4/9/2011	4/12/2011	0.02	27.01	0.15
8R5	186	4/12/2011	4/15/2011	0.02	27.03	0.15
8R6	187	4/15/2011	4/18/2011	0.07	27.10	0.15
8R7	188	4/18/2011	4/21/2011	0.02	27.11	0.15
8R8	189	4/21/2011	4/24/2011	0.02	27.13	0.15
8R9	190	4/24/2011	4/27/2011	0.01	27.14	0.15
8R10	191	4/27/2011	4/30/2011	0.01	27.15	0.14
8R11	192	4/30/2011	5/3/2011	0.01	27.17	0.14
8PP1	193	5/3/2011	5/6/2011	0.01	27.18	0.14
9R1	194	5/10/2011	5/13/2011	0.01	27.19	0.14
9R2	195	5/13/2011	5/16/2011	0.02	27.21	0.14
9R3	196	5/16/2011	5/19/2011	0.00	27.22	0.14
9R4	197	5/19/2011	5/22/2011	0.00	27.22	0.14
9R5	198	5/22/2011	5/25/2011	0.00	27.23	0.14
9R6	199	5/25/2011	5/28/2011	0.01	27.23	0.14
9R7	200	5/28/2011	5/31/2011	0.01	27.24	0.14
9R8	201	5/31/2011	6/3/2011	0.03	27.26	0.14
9R9	202	6/3/2011	6/6/2011	0.01	27.27	0.14
9R10	203	6/6/2011	6/9/2011	0.01	27.28	0.14
9R11	204	6/9/2011	6/12/2011	0.01	27.29	0.14
9R12	205	6/12/2011	6/15/2011	0.01	27.30	0.14
9R13	206	6/15/2011	6/18/2011	0.01	27.31	0.13
9R14	207	6/18/2011	6/21/2011	0.01	27.32	0.13
9R15	208	6/21/2011	6/24/2011	0.01	27.33	0.13
9R16	209	6/24/2011	6/27/2011	0.01	27.34	0.13
9R17	210	6/27/2011	6/30/2011	0.02	27.36	0.13

NA Sample Not Analyzed

Table 6-2
Time-Integrated Sampling Naphthalene Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-06		
				Conc	Cum Conc	Running Avg
9R18	211	6/30/2011	7/3/2011	0.01	27.36	0.13
9R19	212	7/3/2011	7/6/2011	0.02	27.38	0.13
9R20	213	7/6/2011	7/9/2011	0.02	27.40	0.13
9R21	214	7/9/2011	7/12/2011	0.01	27.40	0.13
9R22	215	7/12/2011	7/15/2011	0.01	27.41	0.13
9R23	216	7/15/2011	7/18/2011	0.01	27.43	0.13
9R24	217	7/18/2011	7/21/2011	0.00	27.43	0.13
9R25	218	7/21/2011	7/24/2011	0.00	27.43	0.13
9R26	219	7/24/2011	7/27/2011	0.01	27.44	0.13
OR1	220	7/27/2011	7/30/2011	0.01	27.45	0.13
OR2	221	7/30/2011	8/2/2011	0.05	27.50	0.13
OR3	222	8/2/2011	8/5/2011	0.03	27.52	0.13
OR4	223	8/5/2011	8/8/2011	0.02	27.54	0.13
OR5	224	8/8/2011	8/11/2011	0.05	27.59	0.12
OR6	225	8/11/2011	8/14/2011	0.03	27.61	0.12
OR7	226	8/14/2011	8/17/2011	0.04	27.65	0.12
OR8	227	8/17/2011	8/20/2011	0.05	27.70	0.12
OR9	228	8/20/2011	8/23/2011	0.06	27.76	0.12
OR10	229	8/23/2011	8/26/2011	0.07	27.82	0.12
OPP1	230	8/26/2011	8/29/2011	0.05	27.88	0.12
OPP2	231	8/29/2011	9/1/2011	0.01	27.89	0.12

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
1R1	1	6/24/2009	6/27/2009	50.49	50.49	50.49	24.80	24.80	24.80
1R2	2	6/27/2009	6/30/2009	27.08	77.56	38.78	13.43	38.23	19.12
1R3	3	6/30/2009	7/3/2009	22.47	100.03	33.34	12.85	51.08	17.03
1R4	4	7/3/2009	7/6/2009	32.32	132.35	33.09	24.33	75.41	18.85
1R5	5	7/6/2009	7/9/2009	25.90	158.25	31.65	16.78	92.19	18.44
1R6	6	7/9/2009	7/12/2009	20.11	178.36	29.73	28.65	120.83	20.14
1R7	7	7/12/2009	7/15/2009	27.65	206.02	29.43	20.25	141.09	20.16
1R8	8	7/15/2009	7/18/2009	23.29	229.31	28.66	17.96	159.05	19.88
1R9	9	7/18/2009	7/21/2009	19.66	248.96	27.66	16.35	175.40	19.49
1R10	10	7/21/2009	7/24/2009	32.55	281.52	28.15	41.79	217.19	21.72
1R11	11	7/24/2009	7/27/2009	27.28	308.80	28.07	19.01	236.20	21.47
1R12	12	7/27/2009	7/30/2009	38.57	347.36	28.95	26.37	262.58	21.88
1R13	13	7/30/2009	8/2/2009	35.55	382.91	29.45	22.24	284.81	21.91
1R14	14	8/2/2009	8/5/2009	27.10	410.01	29.29	17.50	302.31	21.59
1R15	15	8/5/2009	8/8/2009	34.93	444.94	29.66	31.00	333.31	22.22
1R16	16	8/8/2009	8/11/2009	34.23	479.17	29.95	30.15	363.46	22.72
1R17	17	8/11/2009	8/14/2009	35.60	514.77	30.28	30.46	393.92	23.17
1R18	18	8/14/2009	8/17/2009	25.68	540.46	30.03	40.30	434.22	24.12
1R19	19	8/17/2009	8/20/2009	19.08	559.53	29.45	0.37	434.60	22.87
1R20	20	8/20/2009	8/23/2009	13.85	573.38	28.67	24.45	459.05	22.95
1R21	21	8/23/2009	8/26/2009	21.79	595.17	28.34	94.86	553.91	26.38
1R22	22	8/26/2009	8/29/2009	21.03	616.20	28.01	31.39	585.31	26.60
1R23	23	8/29/2009	9/1/2009	10.24	626.44	27.24	9.64	594.94	25.87
1R24	24	9/1/2009	9/4/2009	27.69	654.13	27.26	20.69	615.63	25.65
1R25	25	9/4/2009	9/7/2009	31.65	685.78	27.43	17.88	633.51	25.34
1R26	26	9/7/2009	9/10/2009	27.86	713.63	27.45	24.28	657.79	25.30
1R27	27	9/10/2009	9/13/2009	28.45	742.08	27.48	24.94	682.73	25.29
1R28	28	9/13/2009	9/16/2009	31.70	773.78	27.63	27.16	709.88	25.35
1R29	29	9/16/2009	9/19/2009	32.65	806.43	27.81	19.78	729.66	25.16
1R30	30	9/19/2009	9/22/2009	21.02	827.45	27.58	12.21	741.87	24.73
1PP1	31	9/22/2009	9/25/2009	21.70	849.15	27.39	14.76	756.62	24.41
1PP2	32	9/25/2009	9/28/2009	20.06	869.21	27.16	17.94	774.57	24.21
2R1	33	10/14/2009	10/17/2009	10.12	879.33	26.65	7.41	781.97	23.70
2R2	34	10/17/2009	10/20/2009	25.82	905.16	26.62	19.37	801.34	23.57
2R3	35	10/20/2009	10/23/2009	48.54	953.70	27.25	35.27	836.61	23.90
2R4	36	10/23/2009	10/26/2009	21.02	974.72	27.08	14.51	851.11	23.64
2R5	37	10/26/2009	10/29/2009	18.65	993.37	26.85	14.82	865.93	23.40
2R6	38	10/29/2009	11/1/2009	17.00	1010.37	26.59	13.02	878.95	23.13
2R7	39	11/1/2009	11/4/2009	23.53	1033.91	26.51	14.79	893.75	22.92
2R8	40	11/4/2009	11/7/2009	44.67	1078.57	26.96	30.10	923.85	23.10
2R9	41	11/7/2009	11/10/2009	48.12	1126.69	27.48	33.59	957.44	23.35
2R10	42	11/10/2009	11/13/2009	24.31	1151.01	27.40	16.47	973.91	23.19
2R11	43	11/13/2009	11/16/2009	29.64	1180.65	27.46	24.36	998.27	23.22
2R12	44	11/16/2009	11/19/2009	7.87	1188.52	27.01	4.85	1003.12	22.80
2R13	45	11/19/2009	11/22/2009	24.30	1212.83	26.95	21.79	1024.91	22.78
2R14	46	11/22/2009	11/25/2009	23.08	1235.91	26.87	22.48	1047.39	22.77
2R15	47	11/25/2009	11/28/2009	9.44	1245.34	26.50	9.05	1056.43	22.48
2R16	48	11/28/2009	12/1/2009	25.11	1270.45	26.47	19.65	1076.08	22.42
2R17	49	12/1/2009	12/4/2009	34.15	1304.60	26.62	20.55	1096.63	22.38
2R18	50	12/4/2009	12/7/2009	29.41	1334.01	26.68	21.88	1118.50	22.37
2R19	51	12/7/2009	12/10/2009	30.55	1364.56	26.76	23.27	1141.77	22.39
2R20	52	12/10/2009	12/13/2009	20.67	1385.23	26.64	22.54	1164.31	22.39
2R21	53	12/13/2009	12/16/2009	17.95	1403.18	26.48	14.67	1178.98	22.24
2PP1	54	12/16/2009	12/19/2009	31.46	1434.64	26.57	26.29	1205.27	22.32
2PP2	55	12/19/2009	12/22/2009	18.63	1453.26	26.42	16.34	1221.61	22.21
3R1	56	1/4/2010	1/7/2010	35.37	1488.63	26.58	26.46	1248.07	22.29
3R2	57	1/7/2010	1/10/2010	27.85	1516.48	26.60	20.94	1269.00	22.26
3R3	58	1/10/2010	1/13/2010	23.45	1539.93	26.55	19.50	1288.50	22.22
3R4	59	1/13/2010	1/16/2010	22.86	1562.79	26.49	17.41	1305.92	22.13
3R5	60	1/16/2010	1/19/2010	13.09	1575.89	26.26	9.56	1315.47	21.92
3R6	61	1/19/2010	1/22/2010	15.07	1590.95	26.08	6.01	1321.48	21.66
3R7	62	1/22/2010	1/25/2010	13.25	1604.20	25.87	10.58	1332.07	21.48
3R8	63	1/25/2010	1/28/2010	19.54	1623.74	25.77	12.89	1344.96	21.35
3R9	64	1/28/2010	1/31/2010	24.78	1648.52	25.76	14.93	1359.89	21.25
3R10	65	1/31/2010	2/3/2010	35.31	1683.83	25.91	25.60	1385.48	21.32
3R11	66	2/3/2010	2/6/2010	32.87	1716.70	26.01	23.20	1408.68	21.34
3R12	67	2/6/2010	2/9/2010	20.66	1737.36	25.93	13.74	1422.42	21.23
3R13	68	2/9/2010	2/12/2010	8.63	1745.99	25.68	19.07	1441.49	21.20
3R14	69	2/12/2010	2/15/2010	32.69	1778.67	25.78	25.06	1466.55	21.25
3R15	70	2/15/2010	2/18/2010	66.75	1845.43	26.36	53.06	1519.60	21.71

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
3R16	71	2/18/2010	2/21/2010	71.94	1917.37	27.01	45.35	1564.95	22.04
3R17	72	2/21/2010	2/24/2010	64.51	1981.87	27.53	20.97	1585.92	22.03
3PP1	73	2/24/2010	2/27/2010	65.16	2047.03	28.04	20.96	1606.88	22.01
3PP2	74	2/27/2010	3/2/2010	22.82	2069.85	27.97	16.03	1622.91	21.93
4R1	75	3/18/2010	3/21/2010	43.52	2113.37	28.18	28.49	1651.40	22.02
4R2	76	3/21/2010	3/24/2010	46.09	2159.46	28.41	23.28	1674.68	22.04
4R3	77	3/24/2010	3/27/2010	21.92	2181.37	28.33	16.08	1690.75	21.96
4R4	78	3/27/2010	3/30/2010	17.43	2198.80	28.19	14.72	1705.47	21.87
4R5	79	3/30/2010	4/2/2010	38.68	2237.48	28.32	31.45	1736.92	21.99
4R6	80	4/2/2010	4/5/2010	29.64	2267.12	28.34	23.58	1760.50	22.01
4R7	81	4/5/2010	4/8/2010	33.79	2300.92	28.41	29.92	1790.41	22.10
4R8	82	4/8/2010	4/11/2010	43.47	2344.38	28.59	30.09	1820.50	22.20
4R9	83	4/11/2010	4/14/2010	62.39	2406.78	29.00	46.23	1866.73	22.49
4R10	84	4/14/2010	4/17/2010	67.06	2473.84	29.45	36.32	1903.05	22.66
4R11	85	4/17/2010	4/20/2010	30.41	2504.25	29.46	23.82	1926.87	22.67
4R12	86	4/20/2010	4/23/2010	69.44	2573.69	29.93	56.66	1983.52	23.06
4R13	87	4/23/2010	4/26/2010	15.11	2588.79	29.76	14.13	1997.65	22.96
4R14	88	4/26/2010	4/29/2010	17.60	2606.40	29.62	20.30	2017.96	22.93
4R15	89	4/29/2010	5/2/2010	47.77	2654.17	29.82	34.56	2052.52	23.06
4R16	90	5/2/2010	5/5/2010	18.72	2672.89	29.70	18.40	2070.91	23.01
4R17	91	5/5/2010	5/8/2010	37.75	2710.64	29.79	35.30	2106.22	23.15
4R18	92	5/8/2010	5/11/2010	17.33	2727.98	29.65	14.91	2121.13	23.06
4R19	93	5/11/2010	5/14/2010	21.62	2749.59	29.57	16.72	2137.85	22.99
4R20	94	5/14/2010	5/17/2010	15.16	2764.75	29.41	11.71	2149.56	22.87
4R21	95	5/17/2010	5/20/2010	26.01	2790.77	29.38	14.55	2164.11	22.78
4R22	96	5/20/2010	5/23/2010	18.32	2809.09	29.26	16.11	2180.21	22.71
4R223	97	5/23/2010	5/26/2010	37.81	2846.89	29.35	29.96	2210.18	22.79
4R24	98	5/26/2010	5/29/2010	38.01	2884.90	29.44	30.61	2240.78	22.87
4R25	99	5/29/2010	6/1/2010	30.44	2915.34	29.45	23.33	2264.11	22.87
4R26	100	6/1/2010	6/4/2010	24.54	2939.88	29.40	22.94	2287.05	22.87
4R27	101	6/4/2010	6/7/2010	21.97	2961.85	29.33	22.00	2309.05	22.86
4R28	102	6/7/2010	6/10/2010	22.18	2984.03	29.26	21.34	2330.38	22.85
4PP1	103	6/10/2010	6/13/2010	29.49	3013.52	29.26	30.19	2360.57	22.92
4PP2	104	6/13/2010	6/16/2010	18.01	3031.54	29.15	16.12	2376.69	22.85
5R1	105	6/30/2010	7/3/2010	9.84	3041.37	28.97	14.80	2391.49	22.78
5R2	106	7/3/2010	7/6/2010	10.30	3051.67	28.79	19.82	2411.31	22.75
5R3	107	7/6/2010	7/9/2010	10.66	3062.34	28.62	19.63	2430.94	22.72
5R4	108	7/9/2010	7/12/2010	17.64	3079.98	28.52	7.34	2438.29	22.58
5R5	109	7/12/2010	7/15/2010	8.12	3088.10	28.33	9.65	2447.94	22.46
5R6	110	7/15/2010	7/18/2010	10.11	3098.21	28.17	16.70	2464.64	22.41
5R7	111	7/18/2010	7/21/2010	5.23	3103.44	27.96	10.42	2475.05	22.30
5R8	112	7/21/2010	7/24/2010	19.75	3123.19	27.89	25.02	2500.07	22.32
5R9	113	7/24/2010	7/27/2010	13.41	3136.60	27.76	9.22	2509.29	22.21
5R10	114	7/27/2010	7/30/2010	13.37	3149.97	27.63	19.41	2528.71	22.18
5R11	115	7/30/2010	8/2/2010	13.35	3163.33	27.51	20.36	2549.06	22.17
5R12	116	8/2/2010	8/5/2010	26.85	3190.18	27.50	30.39	2579.45	22.24
5R13	117	8/5/2010	8/8/2010	16.73	3206.91	27.41	32.57	2612.03	22.33
5R14	118	8/8/2010	8/11/2010	19.40	3226.31	27.34	34.12	2646.15	22.42
5R15	119	8/11/2010	8/14/2010	21.38	3247.69	27.29	22.67	2668.82	22.43
5R16	120	8/14/2010	8/17/2010	5.26	3252.95	27.11	9.97	2678.79	22.32
5R17	121	8/17/2010	8/20/2010	21.84	3274.78	27.06	28.57	2707.36	22.37
5R18	122	8/20/2010	8/23/2010	13.64	3288.42	26.95	22.13	2729.49	22.37
5R19	123	8/23/2010	8/26/2010	19.06	3307.48	26.89	19.04	2748.53	22.35
5R20	124	8/26/2010	8/29/2010	16.29	3323.77	26.80	26.39	2774.93	22.38
5R21	125	8/29/2010	9/1/2010	21.61	3345.38	26.76	23.06	2797.99	22.38
5R22	126	9/1/2010	9/4/2010	9.10	3354.47	26.62	21.23	2819.21	22.37
5R23	127	9/4/2010	9/7/2010	13.37	3367.85	26.52	17.98	2837.19	22.34
5R24	128	9/7/2010	9/10/2010	17.26	3385.10	26.45	19.95	2857.15	22.32
5R25	129	9/10/2010	9/13/2010	27.15	3412.25	26.45	28.20	2885.34	22.37
5R26	130	9/13/2010	9/16/2010	15.85	3428.10	26.37	19.03	2904.37	22.34
5R27	131	9/16/2010	9/19/2010	15.85	3443.95	26.29	19.03	2923.40	22.32
5PP1	132	9/19/2010	9/22/2010	22.54	3466.49	26.26	26.39	2949.78	22.35
5PP2	133	9/22/2010	9/25/2010	20.02	3486.51	26.21	23.21	2972.99	22.35
6R1	134	10/4/2010	10/7/2010	19.14	3505.65	26.16	23.50	2996.49	22.36
6R2	135	10/7/2010	10/10/2010	41.42	3547.07	26.27	38.22	3034.71	22.48
6R3	136	10/10/2010	10/13/2010	41.96	3589.03	26.39	41.59	3076.30	22.62
6R4	137	10/13/2010	10/16/2010	26.04	3615.07	26.39	20.79	3097.09	22.61
6R5	138	10/16/2010	10/19/2010	20.42	3635.49	26.34	8.93	3106.02	22.51
6R6	139	10/19/2010	10/22/2010	25.77	3661.26	26.34	35.74	3141.75	22.60
6R7	140	10/22/2010	10/25/2010	27.76	3689.02	26.35	32.27	3174.02	22.67

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
6R8	141	10/25/2010	10/28/2010	17.15	3706.18	26.28	17.84	3191.86	22.64
6R9	142	10/28/2010	10/31/2010	22.78	3728.96	26.26	19.88	3211.74	22.62
6R10	143	10/31/2010	11/3/2010	3.64	3732.60	26.10	11.55	3223.30	22.54
6R11	144	11/3/2010	11/6/2010	28.28	3760.88	26.12	18.79	3242.09	22.51
6R12	145	11/6/2010	11/9/2010	22.40	3783.28	26.09	24.41	3266.50	22.53
6R13	146	11/9/2010	11/12/2010	31.71	3815.00	26.13	33.67	3300.16	22.60
6R14	147	11/12/2010	11/15/2010	17.03	3832.03	26.07	19.68	3319.84	22.58
6R15	148	11/15/2010	11/18/2010	20.84	3852.87	26.03	20.06	3339.89	22.57
6R16	149	11/18/2010	11/21/2010	22.09	3874.96	26.01	19.86	3359.75	22.55
6R17	150	11/21/2010	11/24/2010	7.48	3882.44	25.88	14.28	3374.04	22.49
6R18	151	11/24/2010	11/27/2010	7.50	3889.94	25.76	14.24	3388.28	22.44
6R19	152	11/27/2010	11/30/2010	12.24	3902.18	25.67	13.58	3401.85	22.38
6R20	153	11/30/2010	12/3/2010	14.24	3916.42	25.60	13.72	3415.58	22.32
6R21	154	12/3/2010	12/6/2010	9.64	3926.06	25.49	9.86	3425.43	22.24
6R22	155	12/6/2010	12/9/2010	9.11	3935.17	25.39	21.29	3446.72	22.24
6PP1	156	12/9/2010	12/12/2010	21.97	3957.14	25.37	24.22	3470.94	22.25
6PP2	157	12/12/2010	12/15/2010	10.90	3968.04	23.76	20.73	3491.67	22.24
7R1	158	1/3/2011	1/6/2011	35.55	4003.59	25.34	22.80	3514.47	22.24
7R2	159	1/6/2011	1/9/2011	20.26	4023.84	25.31	20.66	3535.13	22.23
7R3	160	1/9/2011	1/12/2011	14.12	4037.97	25.24	11.38	3546.51	22.17
7R4	161	1/12/2011	1/15/2011	20.57	4058.54	25.21	23.15	3569.66	22.17
7R5	162	1/15/2011	1/18/2011	25.65	4084.19	25.21	26.46	3596.11	22.20
7R6	163	1/18/2011	1/21/2011	10.88	4095.07	25.12	10.90	3607.01	22.13
7R7	164	1/21/2011	1/24/2011	18.06	4113.14	25.08	20.30	3627.31	22.12
7R8	165	1/24/2011	1/27/2011	10.28	4123.42	24.99	10.35	3637.66	22.05
7R9	166	1/27/2011	1/30/2011	20.26	4143.68	24.96	20.96	3658.62	22.04
7R10	167	1/30/2011	2/2/2011	13.19	4156.87	24.89	6.84	3665.46	21.95
7R11	168	2/2/2011	2/5/2011	10.60	4167.47	24.81	10.25	3675.71	21.88
7R12	169	2/5/2011	2/8/2011	15.24	4182.71	24.75	17.09	3692.81	21.85
7R13	170	2/8/2011	2/11/2011	33.61	4216.32	24.80	13.97	3706.78	21.80
7R14	171	2/11/2011	2/14/2011	13.14	4229.46	24.73	7.44	3714.22	21.72
7R15	172	2/14/2011	2/17/2011	9.02	4238.48	24.64	22.01	3736.23	21.72
7R16	173	2/17/2011	2/20/2011	19.51	4257.99	24.61	16.41	3752.64	21.69
7R17	174	2/20/2011	2/23/2011	13.80	4271.80	24.55	8.50	3761.14	21.62
7R18	175	2/23/2011	2/26/2011	14.61	4286.40	24.49	15.49	3776.63	21.58
7R19	176	2/26/2011	3/1/2011	19.05	4305.46	24.46	20.86	3797.48	21.58
7R20	177	3/1/2011	3/4/2011	15.91	4321.37	24.41	17.52	3815.00	21.55
7R21	178	3/4/2011	3/7/2011	4.34	4325.71	24.30	3.66	3818.66	21.45
7R22	179	3/7/2011	3/10/2011	9.10	4334.82	24.22	21.26	3839.92	21.45
7PP1	180	3/10/2011	3/13/2011	10.22	4345.04	24.14	11.02	3850.94	21.39
7PP2	181	3/13/2011	3/16/2011	23.93	4368.97	24.14	20.61	3871.55	21.39
8R1	182	3/28/2011	3/31/2011	20.38	4389.35	24.12	17.75	3889.31	21.37
8R2	183	4/3/2011	4/6/2011	35.27	4424.62	24.18	12.91	3902.22	21.32
8R3	184	4/6/2011	4/9/2011	20.85	4445.47	24.16	28.79	3931.01	21.36
8R4	185	4/9/2011	4/12/2011	7.81	4453.29	24.07	27.70	3958.71	21.40
8R5	186	4/12/2011	4/15/2011	21.34	4474.63	24.06	12.25	3970.95	21.35
8R6	187	4/15/2011	4/18/2011	25.50	4500.13	24.06	23.94	3994.89	21.36
8R7	188	4/18/2011	4/21/2011	9.13	4509.26	23.99	10.77	4005.66	21.31
8R8	189	4/21/2011	4/24/2011	18.09	4527.35	23.95	8.85	4014.51	21.24
8R9	190	4/24/2011	4/27/2011	6.06	4533.41	23.86	8.46	4022.98	21.17
8R10	191	4/27/2011	4/30/2011	11.12	4544.52	23.79	10.58	4033.56	21.12
8R11	192	4/30/2011	5/3/2011	19.98	4564.51	23.77	10.41	4043.97	21.06
8PP1	193	5/3/2011	5/6/2011	20.13	4584.64	23.75	18.60	4062.57	20.73
9R1	194	5/10/2011	5/13/2011	35.40	4620.04	23.81	43.22	4105.79	21.16
9R2	195	5/13/2011	5/16/2011	5.64	4625.68	23.72	9.85	4115.64	21.11
9R3	196	5/16/2011	5/19/2011	6.01	4631.69	23.63	6.12	4121.76	21.03
9R4	197	5/19/2011	5/22/2011	13.49	4645.18	23.58	22.61	4144.37	21.04
9R5	198	5/22/2011	5/25/2011	9.56	4654.74	23.51	23.27	4167.63	21.05
9R6	199	5/25/2011	5/28/2011	10.47	4665.21	23.44	11.38	4179.01	21.00
9R7	200	5/28/2011	5/31/2011	17.80	4683.01	23.42	14.49	4193.50	20.97
9R8	201	5/31/2011	6/3/2011	23.69	4706.70	23.42	25.15	4218.65	20.99
9R9	202	6/3/2011	6/6/2011	34.36	4741.06	23.47	35.90	4254.55	21.06
9R10	203	6/6/2011	6/9/2011	37.39	4778.45	23.54	40.92	4295.48	21.16
9R11	204	6/9/2011	6/12/2011	16.77	4795.22	23.51	18.72	4314.19	21.15
9R12	205	6/12/2011	6/15/2011	4.55	4799.77	23.41	17.03	4331.22	21.13
9R13	206	6/15/2011	6/18/2011	19.92	4819.70	23.40	19.75	4350.97	21.12
9R14	207	6/18/2011	6/21/2011	13.65	4833.34	23.35	14.98	4365.95	21.09
9R15	208	6/21/2011	6/24/2011	11.91	4845.25	23.29	15.45	4381.39	21.06
9R16	209	6/24/2011	6/27/2011	10.38	4855.64	23.23	7.21	4388.60	21.00
9R17	210	6/27/2011	6/30/2011	8.06	4863.70	23.16	13.68	4402.27	20.96

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-01			AMS-02		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
9R18	211	6/30/2011	7/3/2011	29.70	4893.40	23.19	31.73	4434.00	21.01
9R19	212	7/3/2011	7/6/2011	30.57	4923.97	23.23	19.60	4453.61	21.01
9R20	213	7/6/2011	7/9/2011	30.63	4954.60	23.26	27.67	4481.28	21.04
9R21	214	7/9/2011	7/12/2011	24.69	4979.29	23.27	27.30	4508.57	21.07
9R22	215	7/12/2011	7/15/2011	9.12	4988.41	23.20	21.28	4529.85	21.07
9R23	216	7/15/2011	7/18/2011	26.33	5014.74	23.22	14.28	4544.13	21.04
9R24	217	7/18/2011	7/21/2011	23.99	5038.73	23.22	32.87	4577.00	21.09
9R25	218	7/21/2011	7/24/2011	30.46	5069.19	23.25	22.63	4599.62	21.10
9R26	219	7/24/2011	7/27/2011	11.32	5080.51	23.20	13.04	4612.66	21.06
OR1	220	7/27/2011	7/30/2011	25.32	5105.83	23.21	41.24	4653.90	21.15
OR2	221	7/30/2011	8/2/2011	23.06	5128.89	23.21	23.41	4677.32	21.16
OR3	222	8/2/2011	8/5/2011	29.84	5158.72	23.24	26.38	4703.70	21.19
OR4	223	8/5/2011	8/8/2011	8.49	5167.21	23.17	22.84	4726.54	21.20
OR5	224	8/8/2011	8/11/2011	14.06	5181.27	23.13	14.77	4741.31	21.17
OR6	225	8/11/2011	8/14/2011	21.17	5202.44	23.12	26.84	4768.15	21.19
OR7	226	8/14/2011	8/17/2011	18.15	5220.59	23.10	17.75	4785.89	21.18
OR8	227	8/17/2011	8/20/2011	29.18	5249.77	23.13	45.53	4831.42	21.28
OR9	228	8/20/2011	8/23/2011	13.46	5263.23	23.08	17.32	4848.75	21.27
OR10	229	8/23/2011	8/26/2011	22.15	5285.38	23.08	27.73	4876.48	21.29
OPP1	230	8/26/2011	8/29/2011	15.49	5300.87	23.05	15.52	4892.00	21.27
OPP2	231	8/29/2011	9/1/2011	29.96	5330.82	23.08	36.77	4928.77	21.34

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-04		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
1R1	1	6/24/2009	6/27/2009	53.18	53.18	53.18	35.88	35.88	35.88
1R2	2	6/27/2009	6/30/2009	32.33	85.51	42.75	24.40	60.28	30.14
1R3	3	6/30/2009	7/3/2009	26.66	112.17	37.39	15.66	75.93	25.31
1R4	4	7/3/2009	7/6/2009	35.94	148.11	37.03	26.41	102.35	25.59
1R5	5	7/6/2009	7/9/2009	22.40	170.52	34.10	19.37	121.71	24.34
1R6	6	7/9/2009	7/12/2009	40.20	210.72	35.12	32.32	154.04	25.67
1R7	7	7/12/2009	7/15/2009	31.06	241.78	34.54	23.09	177.12	25.30
1R8	8	7/15/2009	7/18/2009	27.26	269.04	33.63	19.12	196.24	24.53
1R9	9	7/18/2009	7/21/2009	23.64	292.69	32.52	19.30	215.55	23.95
1R10	10	7/21/2009	7/24/2009	32.49	325.18	32.52	25.11	240.66	24.07
1R11	11	7/24/2009	7/27/2009	27.47	352.64	32.06	22.03	262.69	23.88
1R12	12	7/27/2009	7/30/2009	29.37	382.01	31.83	24.49	287.18	23.93
1R13	13	7/30/2009	8/2/2009	29.16	411.18	31.63	21.31	308.49	23.73
1R14	14	8/2/2009	8/5/2009	30.41	441.59	31.54	22.73	331.21	23.66
1R15	15	8/5/2009	8/8/2009	46.83	488.42	32.56	27.27	358.48	23.90
1R16	16	8/8/2009	8/11/2009	37.93	526.35	32.90	33.28	391.77	24.49
1R17	17	8/11/2009	8/14/2009	39.13	565.48	33.26	29.75	421.51	24.79
1R18	18	8/14/2009	8/17/2009	39.35	604.83	33.60	46.46	467.97	26.00
1R19	19	8/17/2009	8/20/2009	21.40	626.23	32.96	23.06	491.03	25.84
1R20	20	8/20/2009	8/23/2009	14.30	640.52	32.03	13.66	504.69	25.23
1R21	21	8/23/2009	8/26/2009	22.83	663.35	31.59	27.75	532.44	25.35
1R22	22	8/26/2009	8/29/2009	23.63	686.99	31.23	33.23	565.67	25.71
1R23	23	8/29/2009	9/1/2009	11.34	698.33	30.36	11.66	577.33	25.10
1R24	24	9/1/2009	9/4/2009	26.46	724.79	30.20	33.36	610.69	25.45
1R25	25	9/4/2009	9/7/2009	32.35	757.14	30.29	29.17	639.86	25.59
1R26	26	9/7/2009	9/10/2009	31.11	788.25	30.32	26.67	666.54	25.64
1R27	27	9/10/2009	9/13/2009	30.21	818.46	30.31	27.09	693.63	25.69
1R28	28	9/13/2009	9/16/2009	29.17	847.63	30.27	26.15	719.78	25.71
1R29	29	9/16/2009	9/19/2009	26.72	874.35	30.15	24.42	744.20	25.66
1R30	30	9/19/2009	9/22/2009	35.34	909.69	30.32	23.89	768.09	25.60
1PP1	31	9/22/2009	9/25/2009	27.61	937.30	30.24	21.73	789.81	25.48
1PP2	32	9/25/2009	9/28/2009	25.61	962.91	30.09	19.00	808.81	25.28
2R1	33	10/14/2009	10/17/2009	9.86	972.77	29.48	7.93	816.75	24.75
2R2	34	10/17/2009	10/20/2009	26.01	998.77	29.38	24.80	841.55	24.75
2R3	35	10/20/2009	10/23/2009	47.46	1046.24	29.89	43.42	884.97	25.28
2R4	36	10/23/2009	10/26/2009	18.38	1064.62	29.57	15.95	900.93	25.03
2R5	37	10/26/2009	10/29/2009	11.85	1076.46	29.09	17.38	918.30	24.82
2R6	38	10/29/2009	11/1/2009	19.09	1095.55	28.83	3.83	922.13	24.27
2R7	39	11/1/2009	11/4/2009	22.74	1118.30	28.67	19.70	941.83	24.15
2R8	40	11/4/2009	11/7/2009	53.94	1172.24	29.31	39.83	981.66	24.54
2R9	41	11/7/2009	11/10/2009	47.00	1219.24	29.74	35.93	1017.59	24.82
2R10	42	11/10/2009	11/13/2009	26.73	1245.98	29.67	18.21	1035.79	24.66
2R11	43	11/13/2009	11/16/2009	36.09	1282.07	29.82	24.64	1060.43	24.66
2R12	44	11/16/2009	11/19/2009	10.20	1292.27	29.37	8.11	1068.54	24.28
2R13	45	11/19/2009	11/22/2009	22.60	1314.87	29.22	16.93	1085.46	24.12
2R14	46	11/22/2009	11/25/2009	26.08	1340.95	29.15	20.35	1105.82	24.04
2R15	47	11/25/2009	11/28/2009	11.59	1352.53	28.78	8.51	1114.32	23.71
2R16	48	11/28/2009	12/1/2009	21.08	1373.61	28.62	16.81	1131.13	23.57
2R17	49	12/1/2009	12/4/2009	23.53	1397.15	28.51	22.59	1153.72	23.55
2R18	50	12/4/2009	12/7/2009	24.51	1421.65	28.43	22.31	1176.03	23.52
2R19	51	12/7/2009	12/10/2009	27.16	1448.81	28.41	25.85	1201.88	23.57
2R20	52	12/10/2009	12/13/2009	25.37	1474.18	28.35	24.29	1226.17	23.58
2R21	53	12/13/2009	12/16/2009	16.39	1490.57	28.12	11.78	1237.95	23.36
2PP1	54	12/16/2009	12/19/2009	29.21	1519.77	28.14	25.93	1263.88	23.41
2PP2	55	12/19/2009	12/22/2009	21.33	1541.10	28.02	19.06	1282.93	23.33
3R1	56	1/4/2010	1/7/2010	41.66	1582.76	28.26	28.48	1311.41	23.42
3R2	57	1/7/2010	1/10/2010	27.12	1609.89	28.24	22.26	1333.67	23.40
3R3	58	1/10/2010	1/13/2010	26.44	1636.32	28.21	20.43	1354.11	23.35
3R4	59	1/13/2010	1/16/2010	26.95	1663.27	28.19	21.60	1375.70	23.32
3R5	60	1/16/2010	1/19/2010	12.60	1675.87	27.93	10.49	1386.19	23.10
3R6	61	1/19/2010	1/22/2010	16.21	1692.09	27.74	13.67	1399.86	22.95
3R7	62	1/22/2010	1/25/2010	11.30	1703.39	27.47	13.14	1413.00	22.79
3R8	63	1/25/2010	1/28/2010	16.80	1720.19	27.30	17.61	1430.61	22.71
3R9	64	1/28/2010	1/31/2010	22.55	1742.74	27.23	18.17	1448.78	22.64
3R10	65	1/31/2010	2/3/2010	35.38	1778.12	27.36	30.98	1479.76	22.77
3R11	66	2/3/2010	2/6/2010	24.86	1802.98	27.32	24.06	1503.82	22.79
3R12	67	2/6/2010	2/9/2010	20.02	1823.00	27.21	16.36	1520.18	22.69
3R13	68	2/9/2010	2/12/2010	15.61	1838.61	27.04	22.03	1542.21	22.68
3R14	69	2/12/2010	2/15/2010	36.08	1874.69	27.17	25.87	1568.08	22.73
3R15	70	2/15/2010	2/18/2010	22.93	1897.62	27.11	19.49	1587.57	22.68

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-04		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
3R16	71	2/18/2010	2/21/2010	40.74	1938.36	27.30	34.81	1622.39	22.85
3R17	72	2/21/2010	2/24/2010	21.12	1959.48	27.21	17.93	1640.31	22.78
3PP1	73	2/24/2010	2/27/2010	21.12	1980.59	27.13	17.93	1658.24	22.72
3PP2	74	2/27/2010	3/2/2010	19.93	2000.52	27.03	15.27	1673.51	22.62
4R1	75	3/18/2010	3/21/2010	33.08	2033.60	27.11	30.37	1703.89	22.72
4R2	76	3/21/2010	3/24/2010	26.53	2060.13	27.11	19.04	1722.92	22.67
4R3	77	3/24/2010	3/27/2010	19.78	2079.91	27.01	15.67	1738.59	22.58
4R4	78	3/27/2010	3/30/2010	18.76	2098.67	26.91	14.75	1753.34	22.48
4R5	79	3/30/2010	4/2/2010	29.99	2128.66	26.95	43.80	1797.14	22.75
4R6	80	4/2/2010	4/5/2010	29.52	2158.18	26.98	23.76	1820.90	22.76
4R7	81	4/5/2010	4/8/2010	30.87	2189.05	27.03	24.26	1845.16	22.78
4R8	82	4/8/2010	4/11/2010	29.67	2218.72	27.06	23.87	1869.02	22.79
4R9	83	4/11/2010	4/14/2010	56.08	2274.80	27.41	46.17	1915.20	23.07
4R10	84	4/14/2010	4/17/2010	44.35	2319.15	27.61	46.30	1961.49	23.35
4R11	85	4/17/2010	4/20/2010	30.95	2350.10	27.65	25.77	1987.27	23.38
4R12	86	4/20/2010	4/23/2010	61.98	2412.08	28.05	45.91	2033.18	23.64
4R13	87	4/23/2010	4/26/2010	16.15	2428.24	27.91	13.28	2046.46	23.52
4R14	88	4/26/2010	4/29/2010	21.03	2449.27	27.83	16.16	2062.61	23.44
4R15	89	4/29/2010	5/2/2010	42.18	2491.45	27.99	49.37	2111.98	23.73
4R16	90	5/2/2010	5/5/2010	26.88	2518.33	27.98	20.49	2132.48	23.69
4R17	91	5/5/2010	5/8/2010	39.98	2558.32	28.11	33.62	2166.10	23.80
4R18	92	5/8/2010	5/11/2010	18.22	2576.54	28.01	18.15	2184.25	23.74
4R19	93	5/11/2010	5/14/2010	20.03	2596.57	27.92	15.34	2199.59	23.65
4R20	94	5/14/2010	5/17/2010	13.99	2610.56	27.77	11.51	2211.10	23.52
4R21	95	5/17/2010	5/20/2010	18.87	2629.43	27.68	15.27	2226.37	23.44
4R22	96	5/20/2010	5/23/2010	17.48	2646.91	27.57	14.84	2241.21	23.35
4R223	97	5/23/2010	5/26/2010	36.47	2683.37	27.66	30.24	2271.45	23.42
4R24	98	5/26/2010	5/29/2010	30.12	2713.49	27.69	29.80	2301.25	23.48
4R25	99	5/29/2010	6/1/2010	28.92	2742.42	27.70	27.24	2328.49	23.52
4R26	100	6/1/2010	6/4/2010	21.03	2763.44	27.63	17.77	2346.26	23.46
4R27	101	6/4/2010	6/7/2010	22.37	2785.82	27.58	19.47	2365.74	23.42
4R28	102	6/7/2010	6/10/2010	22.84	2808.66	27.54	18.53	2384.27	23.38
4PP1	103	6/10/2010	6/13/2010	31.71	2840.37	27.58	27.73	2412.00	23.42
4PP2	104	6/13/2010	6/16/2010	16.75	2857.12	27.47	14.81	2426.81	23.33
5R1	105	6/30/2010	7/3/2010	15.34	2872.46	27.36	14.94	2441.75	23.25
5R2	106	7/3/2010	7/6/2010	25.32	2897.77	27.34	24.35	2466.11	23.27
5R3	107	7/6/2010	7/9/2010	22.72	2920.49	27.29	21.95	2488.06	23.25
5R4	108	7/9/2010	7/12/2010	18.80	2939.29	27.22	17.10	2505.16	23.20
5R5	109	7/12/2010	7/15/2010	18.85	2958.14	27.14	18.95	2524.12	23.16
5R6	110	7/15/2010	7/18/2010	18.89	2977.03	27.06	19.18	2543.30	23.12
5R7	111	7/18/2010	7/21/2010	13.03	2990.06	26.94	12.90	2556.19	23.03
5R8	112	7/21/2010	7/24/2010	26.38	3016.44	26.93	26.10	2582.29	23.06
5R9	113	7/24/2010	7/27/2010	15.14	3031.58	26.83	15.07	2597.36	22.99
5R10	114	7/27/2010	7/30/2010	21.72	3053.30	26.78	21.90	2619.26	22.98
5R11	115	7/30/2010	8/2/2010	21.25	3074.54	26.74	21.56	2640.82	22.96
5R12	116	8/2/2010	8/5/2010	27.21	3101.76	26.74	28.42	2669.24	23.01
5R13	117	8/5/2010	8/8/2010	27.34	3129.10	26.74	28.79	2698.04	23.06
5R14	118	8/8/2010	8/11/2010	29.46	3158.56	26.77	29.03	2727.07	23.11
5R15	119	8/11/2010	8/14/2010	19.39	3177.95	26.71	18.68	2745.75	23.07
5R16	120	8/14/2010	8/17/2010	11.52	3189.47	26.58	11.52	2757.27	22.98
5R17	121	8/17/2010	8/20/2010	27.23	3216.69	26.58	26.40	2783.67	23.01
5R18	122	8/20/2010	8/23/2010	19.57	3236.26	26.53	20.43	2804.10	22.98
5R19	123	8/23/2010	8/26/2010	16.11	3252.37	26.44	16.71	2820.81	22.93
5R20	124	8/26/2010	8/29/2010	20.17	3272.54	26.39	18.93	2839.74	22.90
5R21	125	8/29/2010	9/1/2010	23.77	3296.31	26.37	19.64	2859.38	22.88
5R22	126	9/1/2010	9/4/2010	16.10	3312.41	26.29	14.96	2874.34	22.81
5R23	127	9/4/2010	9/7/2010	13.64	3326.06	26.19	16.11	2890.45	22.76
5R24	128	9/7/2010	9/10/2010	15.91	3341.96	26.11	15.73	2906.18	22.70
5R25	129	9/10/2010	9/13/2010	24.99	3366.96	26.10	28.68	2934.86	22.75
5R26	130	9/13/2010	9/16/2010	15.25	3382.21	26.02	15.05	2949.91	22.69
5R27	131	9/16/2010	9/19/2010	15.25	3397.46	25.93	15.05	2964.96	22.63
5PP1	132	9/19/2010	9/22/2010	23.16	3420.63	25.91	77.21	3042.17	23.05
5PP2	133	9/22/2010	9/25/2010	20.54	3441.17	25.87	38.77	3080.94	23.16
6R1	134	10/4/2010	10/7/2010	20.43	3461.60	25.83	19.60	3100.54	23.14
6R2	135	10/7/2010	10/10/2010	31.48	3493.08	25.87	34.89	3135.43	23.23
6R3	136	10/10/2010	10/13/2010	36.48	3529.56	25.95	34.61	3170.04	23.31
6R4	137	10/13/2010	10/16/2010	16.51	3546.07	25.88	16.05	3186.09	23.26
6R5	138	10/16/2010	10/19/2010	17.73	3563.80	25.82	17.86	3203.95	23.22
6R6	139	10/19/2010	10/22/2010	26.97	3590.77	25.83	26.44	3230.39	23.24
6R7	140	10/22/2010	10/25/2010	26.57	3617.34	25.84	25.26	3255.65	23.25

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-04		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
6R8	141	10/25/2010	10/28/2010	13.60	3630.94	25.75	13.10	3268.75	23.18
6R9	142	10/28/2010	10/31/2010	16.45	3647.40	25.69	21.52	3290.26	23.17
6R10	143	10/31/2010	11/3/2010	10.93	3658.33	25.58	11.23	3301.50	23.09
6R11	144	11/3/2010	11/6/2010	12.05	3670.37	25.49	11.72	3313.22	23.01
6R12	145	11/6/2010	11/9/2010	4.51	3674.88	25.34	21.62	3334.84	23.00
6R13	146	11/9/2010	11/12/2010	26.62	3701.50	25.35	25.26	3360.10	23.01
6R14	147	11/12/2010	11/15/2010	15.50	3717.01	25.29	14.69	3374.80	22.96
6R15	148	11/15/2010	11/18/2010	19.07	3736.08	25.24	18.73	3393.53	22.93
6R16	149	11/18/2010	11/21/2010	18.42	3754.49	25.20	17.07	3410.60	22.89
6R17	150	11/21/2010	11/24/2010	12.58	3767.07	25.11	4.76	3415.36	22.77
6R18	151	11/24/2010	11/27/2010	12.52	3779.60	25.03	4.73	3420.09	22.65
6R19	152	11/27/2010	11/30/2010	11.22	3790.82	24.94	10.52	3430.62	22.57
6R20	153	11/30/2010	12/3/2010	9.94	3800.76	24.84	11.33	3441.95	22.50
6R21	154	12/3/2010	12/6/2010	9.78	3810.53	24.74	9.65	3451.60	22.41
6R22	155	12/6/2010	12/9/2010	16.15	3826.68	24.69	15.01	3466.61	22.37
6PP1	156	12/9/2010	12/12/2010	21.60	3848.28	24.67	27.32	3493.93	22.40
6PP2	157	12/12/2010	12/15/2010	12.74	3861.02	24.59	12.26	3506.19	22.33
7R1	158	1/3/2011	1/6/2011	16.32	3877.34	24.54	18.59	3524.78	22.31
7R2	159	1/6/2011	1/9/2011	12.32	3889.66	24.46	15.73	3540.51	22.27
7R3	160	1/9/2011	1/12/2011	7.94	3897.60	24.36	17.78	3558.29	22.24
7R4	161	1/12/2011	1/15/2011	20.54	3918.15	24.34	22.40	3580.69	22.24
7R5	162	1/15/2011	1/18/2011	23.66	3941.81	24.33	24.12	3604.81	22.25
7R6	163	1/18/2011	1/21/2011	11.20	3953.02	24.25	12.12	3616.93	22.19
7R7	164	1/21/2011	1/24/2011	17.90	3970.91	24.21	17.71	3634.64	22.16
7R8	165	1/24/2011	1/27/2011	19.05	3989.97	24.18	18.63	3653.27	22.14
7R9	166	1/27/2011	1/30/2011	21.67	4011.64	24.17	21.51	3674.79	22.14
7R10	167	1/30/2011	2/2/2011	13.37	4025.01	24.10	13.04	3687.83	22.08
7R11	168	2/2/2011	2/5/2011	16.16	4041.17	24.05	17.11	3704.94	22.05
7R12	169	2/5/2011	2/8/2011	14.54	4055.70	24.00	15.23	3720.17	22.01
7R13	170	2/8/2011	2/11/2011	20.50	4076.20	23.98	30.55	3750.73	22.06
7R14	171	2/11/2011	2/14/2011	7.02	4083.22	23.88	13.20	3763.93	22.01
7R15	172	2/14/2011	2/17/2011	17.39	4100.61	23.84	17.26	3781.19	21.98
7R16	173	2/17/2011	2/20/2011	12.63	4113.24	23.78	11.86	3793.05	21.93
7R17	174	2/20/2011	2/23/2011	11.55	4124.79	23.71	11.42	3804.47	21.86
7R18	175	2/23/2011	2/26/2011	13.58	4138.37	23.65	12.79	3817.26	21.81
7R19	176	2/26/2011	3/1/2011	16.24	4154.60	23.61	15.30	3832.56	21.78
7R20	177	3/1/2011	3/4/2011	15.23	4169.84	23.56	15.95	3848.51	21.74
7R21	178	3/4/2011	3/7/2011	9.23	4179.06	23.48	9.21	3857.72	21.67
7R22	179	3/7/2011	3/10/2011	16.12	4195.18	23.44	14.98	3872.70	21.64
7PP1	180	3/10/2011	3/13/2011	9.62	4204.80	23.36	9.84	3882.54	21.57
7PP2	181	3/13/2011	3/16/2011	14.60	4219.40	23.31	15.18	3897.73	21.53
8R1	182	3/28/2011	3/31/2011	16.82	4236.22	23.28	16.76	3914.49	21.51
8R2	183	4/3/2011	4/6/2011	21.97	4258.19	23.27	23.86	3938.35	21.52
8R3	184	4/6/2011	4/9/2011	24.53	4282.72	23.28	21.97	3960.32	21.52
8R4	185	4/9/2011	4/12/2011	23.73	4306.45	23.28	31.21	3991.53	21.58
8R5	186	4/12/2011	4/15/2011	16.74	4323.19	23.24	15.26	4006.80	21.54
8R6	187	4/15/2011	4/18/2011	20.86	4344.05	23.23	19.28	4026.08	21.53
8R7	188	4/18/2011	4/21/2011	9.27	4353.33	23.16	8.43	4034.51	21.46
8R8	189	4/21/2011	4/24/2011	9.07	4362.39	23.08	8.47	4042.97	21.39
8R9	190	4/24/2011	4/27/2011	9.64	4372.03	23.01	9.15	4052.12	21.33
8R10	191	4/27/2011	4/30/2011	8.33	4380.36	22.93	7.40	4059.52	21.25
8R11	192	4/30/2011	5/3/2011	7.13	4387.49	22.85	8.00	4067.52	21.18
8PP1	193	5/3/2011	5/6/2011	20.50	4407.99	22.84	15.75	4083.27	21.16
9R1	194	5/10/2011	5/13/2011	35.09	4443.08	22.90	40.87	4124.14	21.26
9R2	195	5/13/2011	5/16/2011	8.60	4451.69	22.83	9.42	4133.55	21.20
9R3	196	5/16/2011	5/19/2011	12.82	4464.50	22.78	12.15	4145.70	21.15
9R4	197	5/19/2011	5/22/2011	24.66	4489.16	22.79	23.45	4169.16	21.16
9R5	198	5/22/2011	5/25/2011	20.65	4509.81	22.78	24.12	4193.28	21.18
9R6	199	5/25/2011	5/28/2011	2.89	4512.70	22.68	11.09	4204.36	21.13
9R7	200	5/28/2011	5/31/2011	18.83	4531.53	22.66	17.22	4221.58	21.11
9R8	201	5/31/2011	6/3/2011	22.71	4554.24	22.66	46.54	4268.12	21.23
9R9	202	6/3/2011	6/6/2011	36.39	4590.64	22.73	33.13	4301.25	21.29
9R10	203	6/6/2011	6/9/2011	37.56	4628.19	22.80	39.82	4341.07	21.38
9R11	204	6/9/2011	6/12/2011	20.96	4649.16	22.79	19.74	4360.81	21.38
9R12	205	6/12/2011	6/15/2011	15.68	4664.84	22.76	15.44	4376.25	21.35
9R13	206	6/15/2011	6/18/2011	18.08	4682.92	22.73	12.40	4388.64	21.30
9R14	207	6/18/2011	6/21/2011	13.46	4696.38	22.69	12.94	4401.59	21.26
9R15	208	6/21/2011	6/24/2011	13.24	4709.62	22.64	20.34	4421.93	21.26
9R16	209	6/24/2011	6/27/2011	11.27	4720.89	22.59	11.03	4432.95	21.21
9R17	210	6/27/2011	6/30/2011	12.18	4733.08	22.54	NA	4432.95	21.21

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-03			AMS-04		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
9R18	211	6/30/2011	7/3/2011	29.16	4762.23	22.57	28.97	4461.92	20.95
9R19	212	7/3/2011	7/6/2011	23.81	4786.04	22.58	24.02	4485.94	20.96
9R20	213	7/6/2011	7/9/2011	26.13	4812.18	22.59	24.51	4510.45	20.98
9R21	214	7/9/2011	7/12/2011	25.51	4837.69	22.61	26.56	4537.01	21.00
9R22	215	7/12/2011	7/15/2011	16.13	4853.83	22.58	14.99	4552.00	20.98
9R23	216	7/15/2011	7/18/2011	4.84	4858.66	22.49	23.50	4575.50	20.99
9R24	217	7/18/2011	7/21/2011	25.90	4884.56	22.51	40.69	4616.18	21.08
9R25	218	7/21/2011	7/24/2011	29.54	4914.10	22.54	29.67	4645.86	21.12
9R26	219	7/24/2011	7/27/2011	10.96	4925.06	22.49	10.08	4655.93	21.07
OR1	220	7/27/2011	7/30/2011	20.45	4945.51	22.48	33.59	4689.52	21.12
OR2	221	7/30/2011	8/2/2011	21.34	4966.85	22.47	23.64	4713.16	21.14
OR3	222	8/2/2011	8/5/2011	25.28	4992.13	22.49	23.58	4736.73	21.15
OR4	223	8/5/2011	8/8/2011	17.34	5009.47	22.46	17.16	4753.90	21.13
OR5	224	8/8/2011	8/11/2011	10.96	5020.43	22.41	16.40	4770.30	21.11
OR6	225	8/11/2011	8/14/2011	19.77	5040.19	22.40	4.33	4774.63	21.03
OR7	226	8/14/2011	8/17/2011	14.12	5054.32	22.36	13.94	4788.56	21.00
OR8	227	8/17/2011	8/20/2011	28.13	5082.44	22.39	24.68	4813.24	21.02
OR9	228	8/20/2011	8/23/2011	17.27	5099.71	22.37	16.53	4829.77	21.00
OR10	229	8/23/2011	8/26/2011	24.57	5124.28	22.38	21.77	4851.54	21.00
OPP1	230	8/26/2011	8/29/2011	13.52	5137.80	22.34	13.19	4864.73	21.24
OPP2	231	8/29/2011	9/1/2011	26.24	5164.04	22.36	22.84	4887.57	21.25

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-05			AMS-06		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
1R1	1	6/24/2009	6/27/2009	73.51	73.51	73.51	43.92	43.92	43.92
1R2	2	6/27/2009	6/30/2009	39.21	112.72	56.36	28.99	72.91	36.45
1R3	3	6/30/2009	7/3/2009	80.58	193.30	64.43	31.90	104.81	34.94
1R4	4	7/3/2009	7/6/2009	30.36	223.66	55.91	28.71	133.51	33.38
1R5	5	7/6/2009	7/9/2009	28.03	251.68	50.34	30.32	163.83	32.77
1R6	6	7/9/2009	7/12/2009	44.39	296.08	49.35	37.66	201.49	33.58
1R7	7	7/12/2009	7/15/2009	37.18	333.26	47.61	32.72	234.21	33.46
1R8	8	7/15/2009	7/18/2009	52.21	385.47	48.18	27.20	261.41	32.68
1R9	9	7/18/2009	7/21/2009	51.69	437.16	48.57	21.21	282.61	31.40
1R10	10	7/21/2009	7/24/2009	34.49	471.65	47.17	38.13	320.75	32.07
1R11	11	7/24/2009	7/27/2009	25.88	497.53	45.23	25.38	346.13	31.47
1R12	12	7/27/2009	7/30/2009	20.30	517.83	43.15	31.04	377.17	31.43
1R13	13	7/30/2009	8/2/2009	24.43	542.26	41.71	29.99	407.16	31.32
1R14	14	8/2/2009	8/5/2009	34.98	577.23	41.23	29.41	436.57	31.18
1R15	15	8/5/2009	8/8/2009	44.63	621.87	41.46	50.84	487.41	32.49
1R16	16	8/8/2009	8/11/2009	22.05	643.91	40.24	35.08	522.49	32.66
1R17	17	8/11/2009	8/14/2009	42.65	686.56	40.39	47.55	570.04	33.53
1R18	18	8/14/2009	8/17/2009	26.09	712.66	39.59	35.40	605.44	33.64
1R19	19	8/17/2009	8/20/2009	13.57	726.22	38.22	18.19	623.63	32.82
1R20	20	8/20/2009	8/23/2009	7.61	733.83	36.69	11.43	635.06	31.75
1R21	21	8/23/2009	8/26/2009	19.19	753.01	35.86	15.50	650.57	30.98
1R22	22	8/26/2009	8/29/2009	18.78	771.79	35.08	14.07	664.64	30.21
1R23	23	8/29/2009	9/1/2009	7.36	779.15	33.88	12.92	677.56	29.46
1R24	24	9/1/2009	9/4/2009	17.64	796.79	33.20	58.70	736.26	30.68
1R25	25	9/4/2009	9/7/2009	22.77	819.56	32.78	40.98	777.23	31.09
1R26	26	9/7/2009	9/10/2009	25.47	845.03	32.50	40.05	817.29	31.43
1R27	27	9/10/2009	9/13/2009	24.92	869.95	32.22	58.77	876.05	32.45
1R28	28	9/13/2009	9/16/2009	23.48	893.43	31.91	96.78	972.83	34.74
1R29	29	9/16/2009	9/19/2009	14.01	907.44	31.29	126.02	1098.86	37.89
1R30	30	9/19/2009	9/22/2009	17.21	924.65	30.82	32.28	1131.14	37.70
1PP1	31	9/22/2009	9/25/2009	15.22	939.88	30.32	31.04	1162.18	37.49
1PP2	32	9/25/2009	9/28/2009	17.77	957.64	29.93	37.30	1199.49	37.48
2R1	33	10/14/2009	10/17/2009	8.08	965.72	29.26	35.30	1234.79	37.42
2R2	34	10/17/2009	10/20/2009	22.98	988.70	29.08	37.34	1272.12	37.42
2R3	35	10/20/2009	10/23/2009	68.10	1056.80	30.19	58.90	1331.03	38.03
2R4	36	10/23/2009	10/26/2009	16.15	1072.95	29.80	27.12	1358.15	37.73
2R5	37	10/26/2009	10/29/2009	23.01	1095.96	29.62	20.37	1378.52	37.26
2R6	38	10/29/2009	11/1/2009	13.98	1109.94	29.21	17.39	1395.91	36.73
2R7	39	11/1/2009	11/4/2009	24.96	1134.90	29.10	21.73	1417.64	36.35
2R8	40	11/4/2009	11/7/2009	47.71	1182.61	29.57	33.82	1451.46	36.29
2R9	41	11/7/2009	11/10/2009	46.53	1229.14	29.98	42.31	1493.77	36.43
2R10	42	11/10/2009	11/13/2009	11.41	1240.55	29.54	28.81	1522.58	36.25
2R11	43	11/13/2009	11/16/2009	24.18	1264.73	29.41	24.55	1547.13	35.98
2R12	44	11/16/2009	11/19/2009	5.43	1270.16	28.87	8.24	1555.37	35.35
2R13	45	11/19/2009	11/22/2009	13.33	1283.48	28.52	17.57	1572.95	34.95
2R14	46	11/22/2009	11/25/2009	17.94	1301.42	28.29	20.01	1592.95	34.63
2R15	47	11/25/2009	11/28/2009	4.22	1305.64	27.78	10.98	1603.93	34.13
2R16	48	11/28/2009	12/1/2009	18.38	1324.02	27.58	18.10	1622.03	33.79
2R17	49	12/1/2009	12/4/2009	23.11	1347.13	27.49	23.17	1645.20	33.58
2R18	50	12/4/2009	12/7/2009	33.42	1380.55	27.61	22.12	1667.32	33.35
2R19	51	12/7/2009	12/10/2009	35.96	1416.51	27.77	42.08	1709.41	33.52
2R20	52	12/10/2009	12/13/2009	58.11	1474.62	28.36	16.84	1726.25	33.20
2R21	53	12/13/2009	12/16/2009	15.55	1490.18	28.12	16.15	1742.39	32.88
2PP1	54	12/16/2009	12/19/2009	24.75	1514.93	28.05	25.48	1767.88	32.74
2PP2	55	12/19/2009	12/22/2009	15.33	1530.26	27.82	19.37	1787.25	32.50
3R1	56	1/4/2010	1/7/2010	26.88	1557.15	27.81	29.24	1816.49	32.44
3R2	57	1/7/2010	1/10/2010	13.81	1570.96	27.56	26.06	1842.55	32.33
3R3	58	1/10/2010	1/13/2010	19.85	1590.81	27.43	21.54	1864.09	32.14
3R4	59	1/13/2010	1/16/2010	14.10	1604.91	27.20	11.11	1875.20	31.78
3R5	60	1/16/2010	1/19/2010	8.76	1613.67	26.89	7.90	1883.11	31.39
3R6	61	1/19/2010	1/22/2010	5.38	1619.05	26.54	6.06	1889.17	30.97
3R7	62	1/22/2010	1/25/2010	7.86	1626.91	26.24	9.60	1898.77	30.63
3R8	63	1/25/2010	1/28/2010	16.85	1643.76	26.09	11.80	1910.58	30.33
3R9	64	1/28/2010	1/31/2010	6.77	1650.53	25.79	18.61	1929.18	30.14
3R10	65	1/31/2010	2/3/2010	31.19	1681.72	25.87	29.20	1958.38	30.13
3R11	66	2/3/2010	2/6/2010	24.11	1705.83	25.85	26.11	1984.49	30.07
3R12	67	2/6/2010	2/9/2010	15.65	1721.48	25.69	16.97	2001.46	29.87
3R13	68	2/9/2010	2/12/2010	21.96	1743.44	25.64	19.67	2021.12	29.72
3R14	69	2/12/2010	2/15/2010	23.56	1767.00	25.61	26.25	2047.37	29.67
3R15	70	2/15/2010	2/18/2010	19.83	1786.83	25.53	16.42	2063.79	29.48

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-05			AMS-06		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
3R16	71	2/18/2010	2/21/2010	23.61	1810.44	25.50	51.03	2114.82	29.79
3R17	72	2/21/2010	2/24/2010	20.25	1830.69	25.43	20.54	2135.35	29.66
3PP1	73	2/24/2010	2/27/2010	20.25	1850.94	25.36	20.54	2155.89	29.53
3PP2	74	2/27/2010	3/2/2010	13.25	1864.19	25.19	15.98	2171.87	29.35
4R1	75	3/18/2010	3/21/2010	30.18	1894.37	25.26	28.48	2200.35	29.34
4R2	76	3/21/2010	3/24/2010	15.80	1910.17	25.13	22.59	2222.94	29.25
4R3	77	3/24/2010	3/27/2010	14.91	1925.08	25.00	18.41	2241.34	29.11
4R4	78	3/27/2010	3/30/2010	14.35	1939.43	24.86	15.56	2256.90	28.93
4R5	79	3/30/2010	4/2/2010	54.37	1993.80	25.24	31.77	2288.67	28.97
4R6	80	4/2/2010	4/5/2010	27.33	2021.13	25.26	22.87	2311.55	28.89
4R7	81	4/5/2010	4/8/2010	26.61	2047.74	25.28	26.72	2338.26	28.87
4R8	82	4/8/2010	4/11/2010	21.83	2069.57	25.24	26.89	2365.15	28.84
4R9	83	4/11/2010	4/14/2010	48.81	2118.38	25.52	58.37	2423.52	29.20
4R10	84	4/14/2010	4/17/2010	38.38	2156.77	25.68	55.85	2479.37	29.52
4R11	85	4/17/2010	4/20/2010	22.02	2178.79	25.63	37.62	2516.99	29.61
4R12	86	4/20/2010	4/23/2010	61.15	2239.94	26.05	63.03	2580.02	30.00
4R13	87	4/23/2010	4/26/2010	11.93	2251.86	25.88	12.93	2592.94	29.80
4R14	88	4/26/2010	4/29/2010	19.22	2271.09	25.81	20.94	2613.88	29.70
4R15	89	4/29/2010	5/2/2010	39.18	2310.26	25.96	41.53	2655.41	29.84
4R16	90	5/2/2010	5/5/2010	23.42	2333.68	25.93	13.93	2669.34	29.66
4R17	91	5/5/2010	5/8/2010	41.44	2375.12	26.10	32.64	2701.98	29.69
4R18	92	5/8/2010	5/11/2010	13.66	2388.78	25.96	18.83	2720.81	29.57
4R19	93	5/11/2010	5/14/2010	15.05	2403.83	25.85	17.16	2737.97	29.44
4R20	94	5/14/2010	5/17/2010	11.38	2415.21	25.69	11.74	2749.71	29.25
4R21	95	5/17/2010	5/20/2010	15.40	2430.61	25.59	17.69	2767.39	29.13
4R22	96	5/20/2010	5/23/2010	14.05	2444.65	25.47	15.53	2782.92	28.99
4R223	97	5/23/2010	5/26/2010	27.16	2471.81	25.48	37.24	2820.16	29.07
4R24	98	5/26/2010	5/29/2010	27.00	2498.82	25.50	35.28	2855.45	29.14
4R25	99	5/29/2010	6/1/2010	22.30	2521.12	25.47	27.71	2883.15	29.12
4R26	100	6/1/2010	6/4/2010	25.04	2546.15	25.46	21.44	2904.59	29.05
4R27	101	6/4/2010	6/7/2010	23.63	2569.78	25.44	20.12	2924.71	28.96
4R28	102	6/7/2010	6/10/2010	21.58	2591.37	25.41	17.47	2942.18	28.84
4PP1	103	6/10/2010	6/13/2010	29.36	2620.72	25.44	24.54	2966.72	28.80
4PP2	104	6/13/2010	6/16/2010	9.74	2630.46	25.29	14.44	2981.15	28.66
5R1	105	6/30/2010	7/3/2010	16.91	2647.37	25.21	19.49	3000.64	28.58
5R2	106	7/3/2010	7/6/2010	27.61	2674.98	25.24	90.99	3091.63	29.17
5R3	107	7/6/2010	7/9/2010	30.38	2705.35	25.28	29.69	3121.32	29.17
5R4	108	7/9/2010	7/12/2010	19.73	2725.08	25.23	20.10	3141.41	29.09
5R5	109	7/12/2010	7/15/2010	35.14	2760.22	25.32	22.32	3163.74	29.03
5R6	110	7/15/2010	7/18/2010	23.34	2783.56	25.31	20.73	3184.47	28.95
5R7	111	7/18/2010	7/21/2010	17.46	2801.02	25.23	13.37	3197.84	28.81
5R8	112	7/21/2010	7/24/2010	33.47	2834.49	25.31	27.38	3225.21	28.80
5R9	113	7/24/2010	7/27/2010	17.39	2851.88	25.24	16.63	3241.85	28.69
5R10	114	7/27/2010	7/30/2010	24.54	2876.42	25.23	23.35	3265.20	28.64
5R11	115	7/30/2010	8/2/2010	23.19	2899.61	25.21	25.24	3290.43	28.61
5R12	116	8/2/2010	8/5/2010	32.18	2931.78	25.27	31.80	3322.24	28.64
5R13	117	8/5/2010	8/8/2010	33.39	2965.17	25.34	31.63	3353.86	28.67
5R14	118	8/8/2010	8/11/2010	34.00	2999.18	25.42	31.09	3384.95	28.69
5R15	119	8/11/2010	8/14/2010	25.59	3024.76	25.42	22.98	3407.93	28.64
5R16	120	8/14/2010	8/17/2010	15.70	3040.46	25.34	13.13	3421.07	28.51
5R17	121	8/17/2010	8/20/2010	37.87	3078.33	25.44	33.12	3454.19	28.55
5R18	122	8/20/2010	8/23/2010	23.89	3102.22	25.43	22.48	3476.67	28.50
5R19	123	8/23/2010	8/26/2010	19.37	3121.59	25.38	22.73	3499.40	28.45
5R20	124	8/26/2010	8/29/2010	21.93	3143.52	25.35	24.31	3523.70	28.42
5R21	125	8/29/2010	9/1/2010	23.26	3166.78	25.33	25.15	3548.85	28.39
5R22	126	9/1/2010	9/4/2010	26.56	3193.34	25.34	18.97	3567.82	28.32
5R23	127	9/4/2010	9/7/2010	18.02	3211.36	25.29	18.93	3586.76	28.24
5R24	128	9/7/2010	9/10/2010	17.86	3229.22	25.23	20.67	3607.43	28.18
5R25	129	9/10/2010	9/13/2010	33.76	3262.98	25.29	30.81	3638.24	28.20
5R26	130	9/13/2010	9/16/2010	20.94	3283.92	25.26	18.87	3657.11	28.13
5R27	131	9/16/2010	9/19/2010	20.94	3304.85	25.23	18.87	3675.98	28.06
5PP1	132	9/19/2010	9/22/2010	34.00	3338.85	25.29	25.07	3701.05	28.04
5PP2	133	9/22/2010	9/25/2010	NA	3338.85	25.29	20.81	3721.86	27.98
6R1	134	10/4/2010	10/7/2010	24.99	3363.84	25.29	29.21	3751.07	27.99
6R2	135	10/7/2010	10/10/2010	43.55	3407.39	25.43	36.89	3787.96	28.06
6R3	136	10/10/2010	10/13/2010	50.75	3458.13	25.62	43.94	3831.90	28.18
6R4	137	10/13/2010	10/16/2010	20.38	3478.51	25.58	21.49	3853.39	28.13
6R5	138	10/16/2010	10/19/2010	22.77	3501.28	25.56	23.51	3876.90	28.09
6R6	139	10/19/2010	10/22/2010	43.34	3544.62	25.69	44.68	3921.59	28.21
6R7	140	10/22/2010	10/25/2010	33.11	3577.73	25.74	32.46	3954.05	28.24

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-05			AMS-06		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
6R8	141	10/25/2010	10/28/2010	15.05	3592.78	25.66	14.78	3968.82	28.15
6R9	142	10/28/2010	10/31/2010	21.52	3614.29	25.63	21.52	3990.34	28.10
6R10	143	10/31/2010	11/3/2010	13.26	3627.55	25.55	18.49	4008.83	28.03
6R11	144	11/3/2010	11/6/2010	22.14	3649.69	25.52	15.92	4024.75	27.95
6R12	145	11/6/2010	11/9/2010	23.07	3672.75	25.51	22.09	4046.85	27.91
6R13	146	11/9/2010	11/12/2010	28.58	3701.33	25.53	31.14	4077.98	27.93
6R14	147	11/12/2010	11/15/2010	17.61	3718.94	25.47	19.68	4097.66	27.88
6R15	148	11/15/2010	11/18/2010	23.52	3742.46	25.46	21.83	4119.49	27.83
6R16	149	11/18/2010	11/21/2010	22.05	3764.51	25.44	21.66	4141.15	27.79
6R17	150	11/21/2010	11/24/2010	13.25	3777.77	25.35	13.58	4154.72	27.70
6R18	151	11/24/2010	11/27/2010	13.17	3790.93	25.27	13.48	4168.20	27.60
6R19	152	11/27/2010	11/30/2010	11.98	3802.91	25.18	11.59	4179.79	27.50
6R20	153	11/30/2010	12/3/2010	11.55	3814.47	25.10	10.73	4190.52	27.39
6R21	154	12/3/2010	12/6/2010	10.35	3824.82	25.00	10.11	4200.63	27.28
6R22	155	12/6/2010	12/9/2010	26.66	3851.48	25.01	19.05	4219.67	27.22
6PP1	156	12/9/2010	12/12/2010	22.30	3873.78	24.99	21.23	4240.90	27.19
6PP2	157	12/12/2010	12/15/2010	15.32	3889.10	24.93	NA	4240.90	27.19
7R1	158	1/3/2011	1/6/2011	18.23	3907.34	24.89	16.50	4257.40	27.12
7R2	159	1/6/2011	1/9/2011	16.60	3923.93	24.84	15.07	4272.47	27.04
7R3	160	1/9/2011	1/12/2011	18.88	3942.81	24.80	20.42	4292.89	27.00
7R4	161	1/12/2011	1/15/2011	21.32	3964.13	24.78	21.72	4314.61	26.97
7R5	162	1/15/2011	1/18/2011	24.60	3988.74	24.77	23.77	4338.37	26.95
7R6	163	1/18/2011	1/21/2011	12.36	4001.10	24.70	12.21	4350.59	26.86
7R7	164	1/21/2011	1/24/2011	18.77	4019.86	24.66	18.54	4369.13	26.80
7R8	165	1/24/2011	1/27/2011	19.80	4039.66	24.63	19.09	4388.22	26.76
7R9	166	1/27/2011	1/30/2011	22.49	4062.16	24.62	21.80	4410.02	26.73
7R10	167	1/30/2011	2/2/2011	15.31	4077.47	24.56	14.16	4424.17	26.65
7R11	168	2/2/2011	2/5/2011	16.66	4094.13	24.52	17.18	4441.35	26.59
7R12	169	2/5/2011	2/8/2011	15.48	4109.61	24.46	15.74	4457.09	26.53
7R13	170	2/8/2011	2/11/2011	21.98	4131.59	24.45	19.68	4476.77	26.49
7R14	171	2/11/2011	2/14/2011	15.93	4147.52	24.40	13.72	4490.48	26.41
7R15	172	2/14/2011	2/17/2011	19.63	4167.16	24.37	17.74	4508.23	26.36
7R16	173	2/17/2011	2/20/2011	12.59	4179.74	24.30	12.86	4521.08	26.29
7R17	174	2/20/2011	2/23/2011	12.38	4192.12	24.23	12.38	4533.46	26.20
7R18	175	2/23/2011	2/26/2011	13.74	4205.87	24.17	13.61	4547.07	26.13
7R19	176	2/26/2011	3/1/2011	16.39	4222.26	24.13	16.50	4563.57	26.08
7R20	177	3/1/2011	3/4/2011	16.98	4239.24	24.09	15.55	4579.13	26.02
7R21	178	3/4/2011	3/7/2011	9.63	4248.87	24.00	10.00	4589.13	25.93
7R22	179	3/7/2011	3/10/2011	26.60	4275.47	24.02	19.00	4608.13	25.89
7PP1	180	3/10/2011	3/13/2011	12.52	4287.99	23.96	9.67	4617.80	25.80
7PP2	181	3/13/2011	3/16/2011	15.95	4303.94	23.91	16.21	4634.01	25.74
8R1	182	3/28/2011	3/31/2011	24.28	4328.22	23.91	25.39	4659.40	25.74
8R2	183	4/3/2011	4/6/2011	35.66	4363.88	23.98	41.10	4700.50	25.83
8R3	184	4/6/2011	4/9/2011	33.17	4397.05	24.03	25.26	4725.76	25.82
8R4	185	4/9/2011	4/12/2011	50.02	4447.07	24.17	26.08	4751.84	25.83
8R5	186	4/12/2011	4/15/2011	16.78	4463.84	24.13	17.53	4769.37	25.78
8R6	187	4/15/2011	4/18/2011	21.67	4485.51	24.12	22.60	4791.97	25.76
8R7	188	4/18/2011	4/21/2011	8.88	4494.39	24.03	9.34	4801.30	25.68
8R8	189	4/21/2011	4/24/2011	10.10	4504.49	23.96	10.27	4811.57	25.59
8R9	190	4/24/2011	4/27/2011	9.64	4514.14	23.88	11.07	4822.64	25.52
8R10	191	4/27/2011	4/30/2011	7.81	4521.95	23.80	8.10	4830.74	25.42
8R11	192	4/30/2011	5/3/2011	12.13	4534.08	23.74	9.06	4839.80	25.34
8PP1	193	5/3/2011	5/6/2011	17.19	4551.27	23.70	15.59	4855.38	25.29
9R1	194	5/10/2011	5/13/2011	51.90	4603.17	23.85	38.63	4894.01	25.36
9R2	195	5/13/2011	5/16/2011	14.13	4617.30	23.80	9.80	4903.82	25.28
9R3	196	5/16/2011	5/19/2011	16.61	4633.92	23.76	13.80	4917.62	25.22
9R4	197	5/19/2011	5/22/2011	30.19	4664.11	23.80	26.67	4944.29	25.23
9R5	198	5/22/2011	5/25/2011	32.55	4696.66	23.84	22.20	4966.48	25.21
9R6	199	5/25/2011	5/28/2011	12.70	4709.35	23.78	12.23	4978.72	25.15
9R7	200	5/28/2011	5/31/2011	18.17	4727.52	23.76	18.50	4997.21	25.11
9R8	201	5/31/2011	6/3/2011	46.36	4773.88	23.87	25.28	5022.49	25.11
9R9	202	6/3/2011	6/6/2011	41.99	4815.87	23.96	34.55	5057.04	25.16
9R10	203	6/6/2011	6/9/2011	56.51	4872.38	24.12	39.70	5096.74	25.23
9R11	204	6/9/2011	6/12/2011	14.02	4886.41	24.07	24.94	5121.68	25.23
9R12	205	6/12/2011	6/15/2011	6.03	4892.43	23.98	18.18	5139.86	25.20
9R13	206	6/15/2011	6/18/2011	6.09	4898.52	23.90	17.63	5157.49	25.16
9R14	207	6/18/2011	6/21/2011	9.50	4908.02	23.83	13.88	5171.37	25.10
9R15	208	6/21/2011	6/24/2011	10.76	4918.78	23.76	11.50	5182.87	25.04
9R16	209	6/24/2011	6/27/2011	4.52	4923.29	23.67	12.41	5195.28	24.98
9R17	210	6/27/2011	6/30/2011	10.65	4933.95	23.61	13.22	5208.50	24.92

NA Sample Not Analyzed

Table 6-3
Time-Integrated Sampling PM10 Concentrations
Champaign Former MGP Site Remedial Action

Run Name	Run No.	Start Date	End Date	AMS-05			AMS-06		
				Conc.	Cum Conc	Running Avg	Conc.	Cum Conc	Running Avg
9R18	211	6/30/2011	7/3/2011	1.11	4935.06	23.50	30.33	5238.82	24.95
9R19	212	7/3/2011	7/6/2011	15.74	4950.80	23.46	32.38	5271.21	24.98
9R20	213	7/6/2011	7/9/2011	25.58	4976.39	23.47	31.01	5302.22	25.01
9R21	214	7/9/2011	7/12/2011	26.96	5003.35	23.49	29.47	5331.68	25.03
9R22	215	7/12/2011	7/15/2011	26.60	5029.95	23.50	19.00	5350.68	25.00
9R23	216	7/15/2011	7/18/2011	24.90	5054.85	23.51	29.60	5380.29	25.02
9R24	217	7/18/2011	7/21/2011	40.71	5095.57	23.59	31.96	5412.25	25.06
9R25	218	7/21/2011	7/24/2011	30.41	5125.97	23.62	31.45	5443.69	25.09
9R26	219	7/24/2011	7/27/2011	11.69	5137.66	23.57	13.62	5457.31	25.03
OR1	220	7/27/2011	7/30/2011	32.62	5170.29	23.61	24.87	5482.18	25.03
OR2	221	7/30/2011	8/2/2011	29.72	5200.01	23.64	25.66	5507.84	25.04
OR3	222	8/2/2011	8/5/2011	28.01	5228.02	23.66	32.98	5540.81	25.07
OR4	223	8/5/2011	8/8/2011	22.60	5250.61	23.65	34.00	5574.82	25.11
OR5	224	8/8/2011	8/11/2011	28.44	5279.05	23.67	20.57	5595.39	25.09
OR6	225	8/11/2011	8/14/2011	27.32	5306.37	23.69	27.78	5623.17	25.10
OR7	226	8/14/2011	8/17/2011	21.44	5327.81	23.68	19.60	5642.77	25.08
OR8	227	8/17/2011	8/20/2011	30.04	5357.84	23.71	32.26	5675.03	25.11
OR9	228	8/20/2011	8/23/2011	24.68	5382.52	23.71	32.25	5707.27	25.14
OR10	229	8/23/2011	8/26/2011	21.59	5404.11	23.70	25.18	5732.46	25.14
OPP1	230	8/26/2011	8/29/2011	16.21	5420.32	23.67	16.75	5749.21	25.11
OPP2	231	8/29/2011	9/1/2011	27.47	5447.79	23.69	28.31	5777.52	25.12

NA Sample Not Analyzed

Table 7-1
Time-Integrated Sampling Deviations
Champaign Former MGP Site Remedial Action

Project Phase	Sampling Date	Sample Run Designation	Air Monitoring Station	Sampling Method	Deviation
Phase 1	6/27 - 30/2009	1R2	AMS-3D	TO-15	Sample not analyzed
Phase 1	7/24 - 27/2009	1R11	AMS-3D	TO-15	Lab contamination suspected
Phase 1	7/30 - 8/2/2009	1R13	AMS-3D	TO-15	Sample not collected
Phase 1	8/8 -11/2009	1R16	AMS-1	TO-15	Bad valve or regulator
Phase 1	8/8 - 11/2009	1R16	AMS-5	TO-15	No can vacuum
Phase 1	8/20 - 23/2009	1R20	AMS-5	TO-13	Media malfunction
Phase 1	8/26 - 29/2009	1R22	AMS-2	TO-15	Bad valve or regulator
Phase 1	9/13 - 16/2009	1R28	AMS-1	TO-15	Lab contamination suspected
Phase 1	9/13 - 16/2009	1R28	AMS-5	TO-15	Lab contamination suspected
Phase 1	9/25 - 28/2009	1PP2	AMS-4	TO-15	Lab contamination suspected
Phase 1	9/25 - 28/2009	1PP2	AMS-6	TO-15	Lab contamination suspected
Phase 2	11/16 - 19/2009	2R12	AMS-1	TO-15	Lab contamination suspected
Phase 2	11/25 - 28/2009	2R15	AMS-3D	TO-15	Can leaked
Phase 2	11/28 - 12/1/2009	2R16	AMS-6	TO-15	Lab contamination suspected
Phase 2	12/1- 4/2009	2R17	AMS-1	TO-15	Bad valve or regulator
Phase 2	12/13 - 16/2009	2R21	AMS-3D	TO-15	Sample not collected insuff. Cans
Phase 3	1/13- 16/2010	3R4	AMS-4	TO-15	Bad valve or regulator
Phase 3	1/16 - 19/2010	3R5	AMS-2	TO-15	Bad valve or regulator
Phase 3	1/16 - 19/2010	3R5	AMS-3D	TO-15	Bad valve or regulator
Phase 3	1/16 - 19/2010	3R5	AMS-6	TO-15	Bad valve or regulator
Phase 3	2/12 - 15/2010	3R14	AMS-3D	TO-13	Sample not collected
Phase 3	2/15 - 18/2010	3R15	AMS-2	TO-15	Can leaked
Phase 3	2/18 - 21/2010	3R16	AMS-6	TO-15	Bad valve or regulator
Phase 3	2/21 - 24/2010	3R17	AMS-2	TO-15	Bad valve or regulator
Phase 5	7/30 - 8/2/2010	5R11	AMS-5	TO-15	Bad valve or regulator
Phase 5	8/2 - 5/2010	5R12	AMS-5	TO-15	Bad valve or regulator
Phase 5	8/2 - 5/2010	5R12	AMS-3D	TO-13	Sample voided
Phase 5	8/5 - 8/2010	5R13	AMS-3D	TO-13	Sample voided
Phase 5	9/22 - 25/2010	5PP2	AMS-5	TO1-3	Sample voided
Phase 5	9/22 - 25/2010	5PP2	AMS-5	PM10	Sample voided
Phase 6	11/6 - 9/2010	6R12	AMS-6	TO-15	Can leaked
Phase 6	12/12 - 15/2010	6PP2	AMS-6	TO-13	Sample not collected
Phase 6	12/12 - 15/2010	6PP2	AMS-6	PM10	Sample not collected
Phase 7	1/9 -12/2011	7R3	AMS-3D	TO-13	Sample voided
Phase 7	2/20 - 23/2011	7R17	AMS-4	TO-13	Naphthalene not reported
Phase 7	2/26 - 3/1/2011	7R19	AMS-6	TO-15	Sample not analyzed
Phase 9	6/18 - 21/2011	9R14	AMS-3D	TO-15	Lab contamination suspected
Phase 9	6/27 - 30/2011	9R17	AMS-4	PM10	Sample voided
Phase 9	6/30 - 7/3/2011	9R18	AMS-6	TO-15	Lab contamination suspected
Phase 9	8/26 - 29/2011	PPP1	AMS-3D	TO-15	Bad valve or regulator
Phase 9	8/26 - 29/2011	PPP1	AMS-4	TO-15	Bad valve or regulator
Phase 9	8/26 - 29/2011	PPP1	AMS-5	TO-15	Bad valve or regulator

LIST OF FIGURES

1-1 Site Location Map

1-2 Remediation Site Map

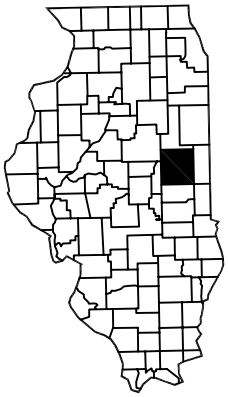
2-1 Air Monitoring Station (AMS) and Intermediate Perimeter Monitoring Locations (IPML)

6-1 Time-Integrated Sampling Benzene Running Averages

6-2 Time-Integrated Sampling Naphthalene Running Averages

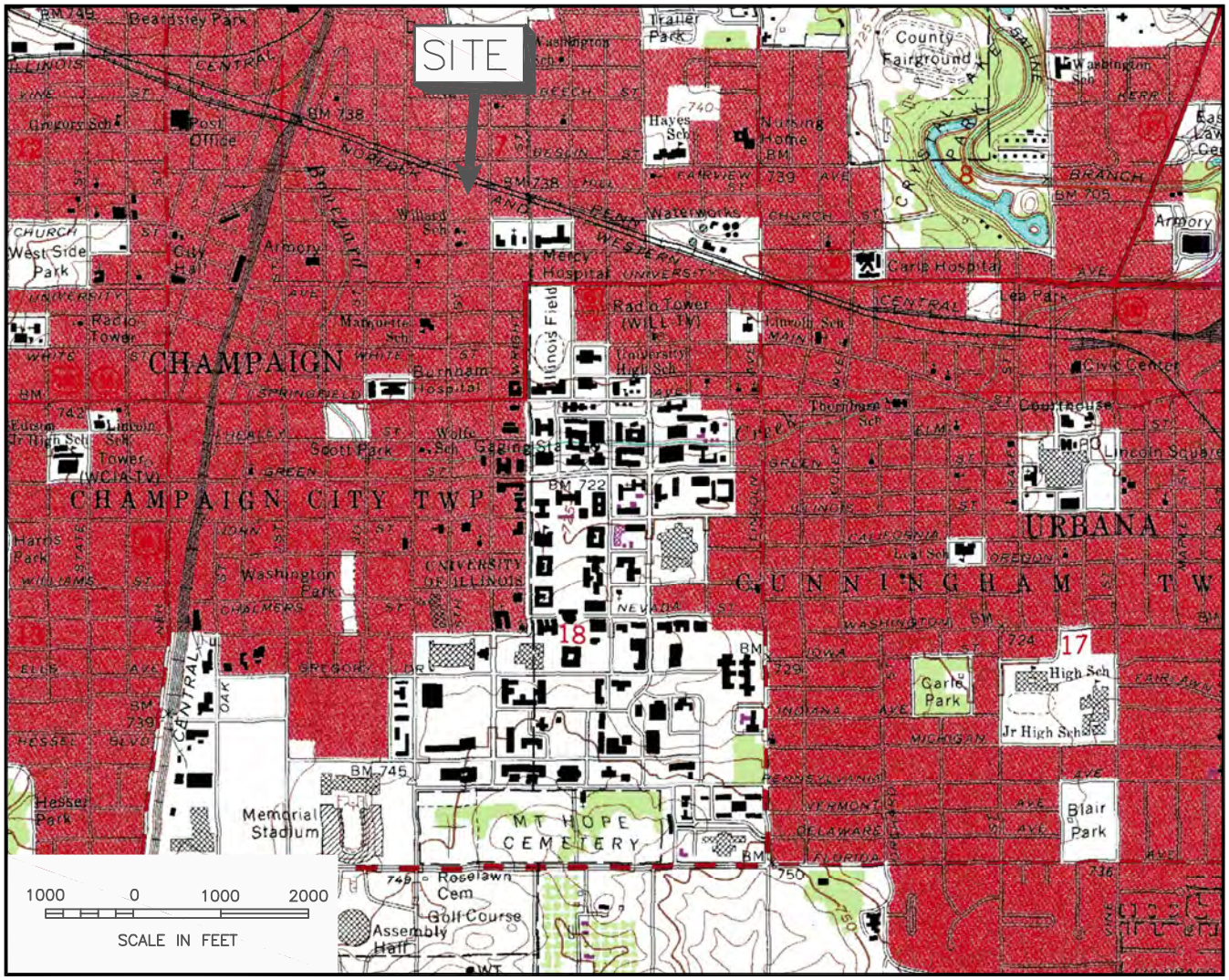
6-3 Time-Integrated Sampling PM_{10} Running Averages

ILLINOIS



CHAMPAIGN COUNTY

AREA IN DETAIL



Modified from U.S. Geological Survey, Urbana, Illinois, quadrangle, Photorevised 1975.

SCALE IS VARIABLE

PSC	TITLE: SITE LOCATION MAP AMBIENT AIR MONITORING REPORT CHAMPAIGN FORMER MGP SITE	DWN: TMM	DES.: SPB	PROJECT NO.: 62412010008 AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
		CHKD: LH	APPD:	
		DATE: 2/24/00	REV.: 1	FIGURE 1–1

COL. 624\00345E–001

LEGEND

- HISTORICAL MANUFACTURED GAS PLANT STRUCTURES (APPROXIMATE)
- FORMER GAS PLANT PIPING (APPROXIMATE)
- CURRENT AMEREN ILLINOIS PROPERTY BOUNDARY
- REMEDIATION SITE BOUNDARY
- FENCE

NOTES:

1. The historical manufactured gas plant structures are a composite from sanborn fire insurance maps and historical amerenip site plans. The exact locations of the features are not known. Structures and buildings may have served multiple purposes during the operation of the plant.

SOURCE: THE SOURCE FOR THE PROPERTY BOUNDARY SURVEY IS VEGRZYN, SARVER AND ASSOCIATES.

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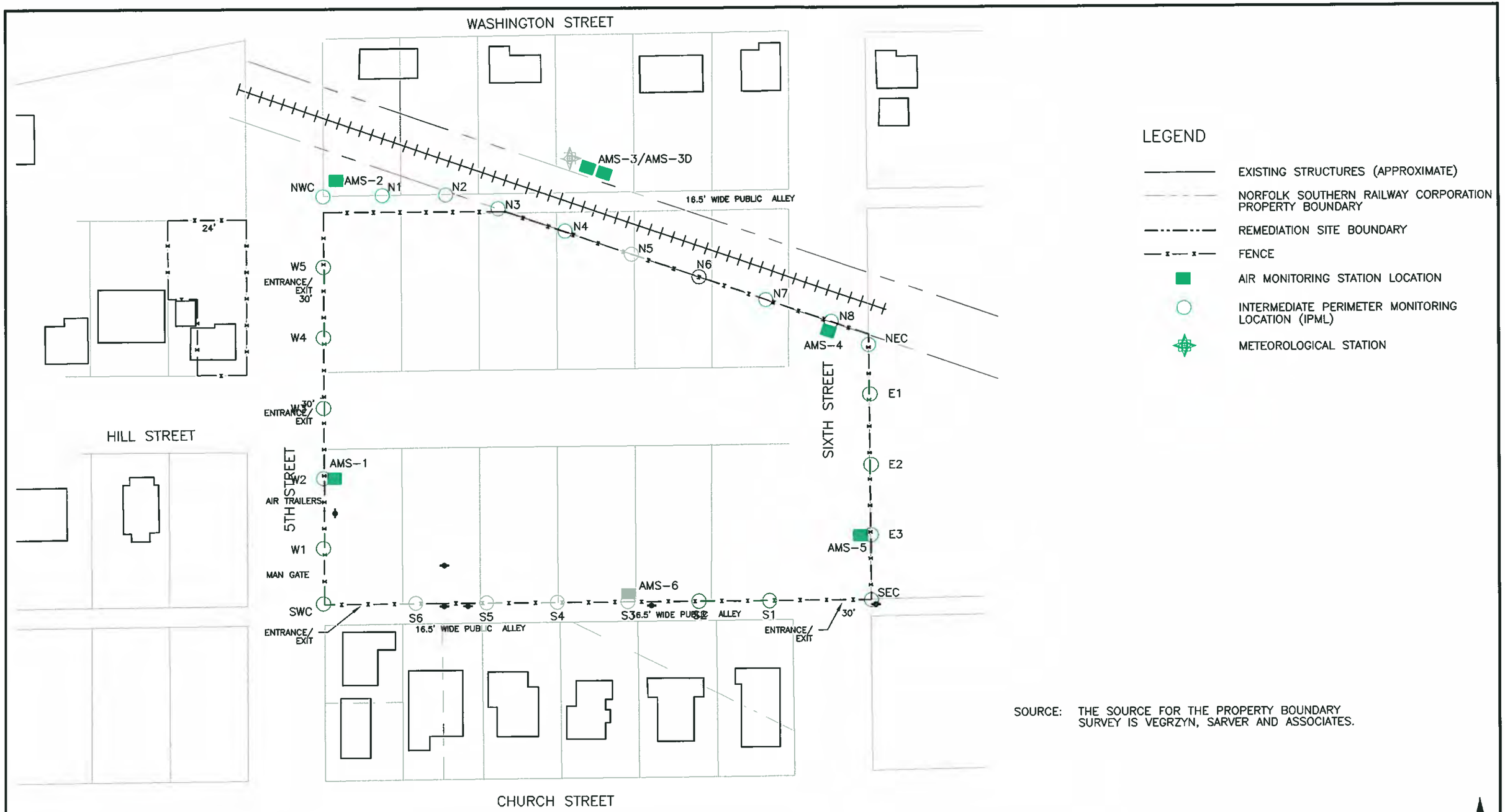
PSC

TITLE:
REMEDIATION SITE MAP

AMBIENT AIR MONITORING REPORT

DWN: TMM	DES: MRC	PROJECT NO: 62412010008 AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
CHKD: LH	APPD: LH	FIGURE 1–2
DATE: 6/27/08	REV: 12/10/12	

COL J:\624\026470-014



SOURCE: THE SOURCE FOR THE PROPERTY BOUNDARY SURVEY IS VEGRZYN, SARVER AND ASSOCIATES.

COL J:\624\026478-086

PSC

TITLE:
AIR MONITORING STATION (AMS) AND
INTERMEDIATE PERIMETER MONITORING LOCATIONS (IPML)
AMBIENT AIR MONITORING REPORT

DWN: TMM	DES: SS	PROJECT NO: 62412010008	
CHKD: PTS	APPD:	AMEREN ILLINOIS CHAMPAIGN, ILLINOIS	
DATE: 3/5/09	REV:	FIGURE 2-1	

Figure 6-3
Time-Integrated Sampling PM10 Running Averages

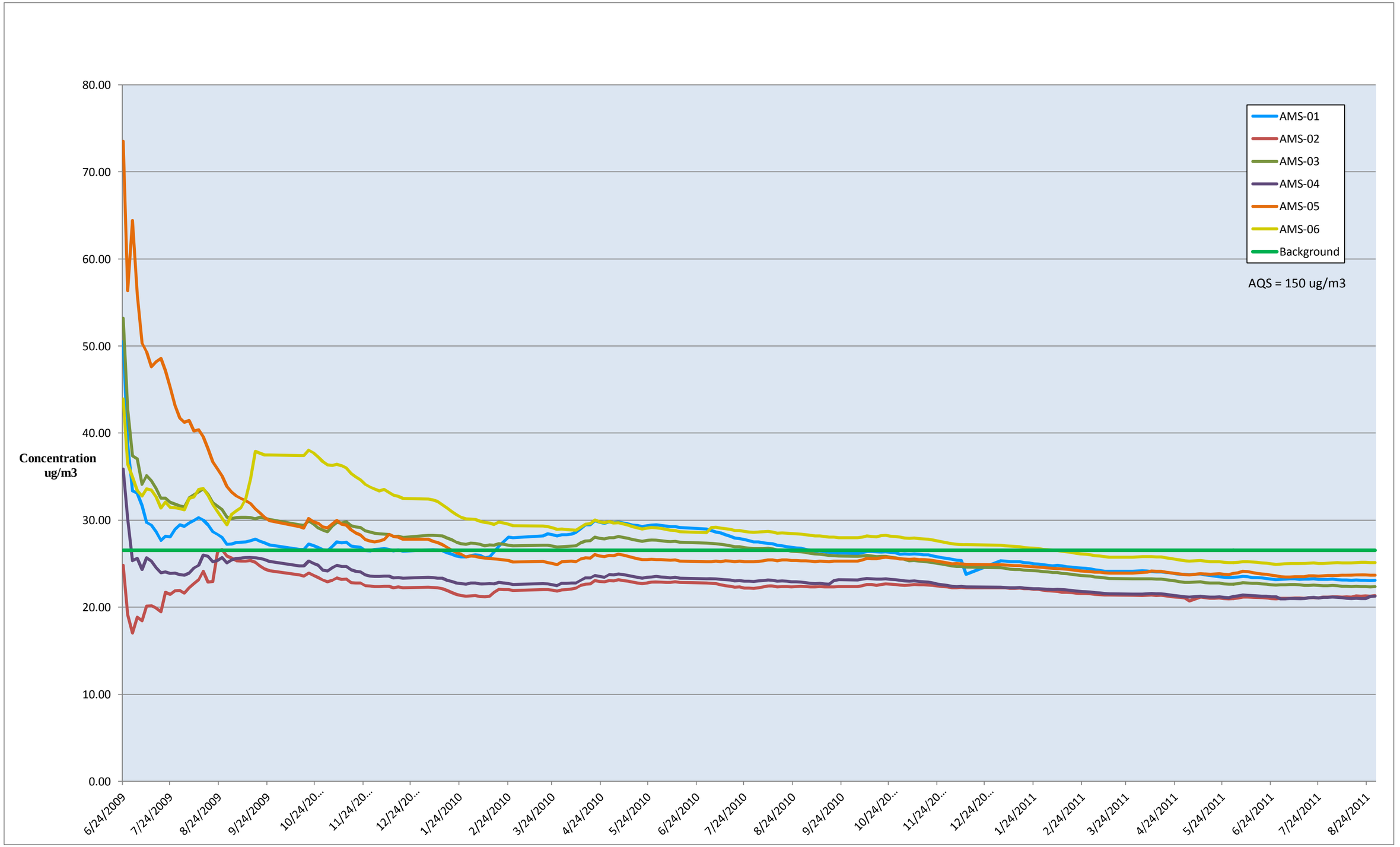


Figure 6-2
Time-Integrated Sampling Naphthalene Running Averages

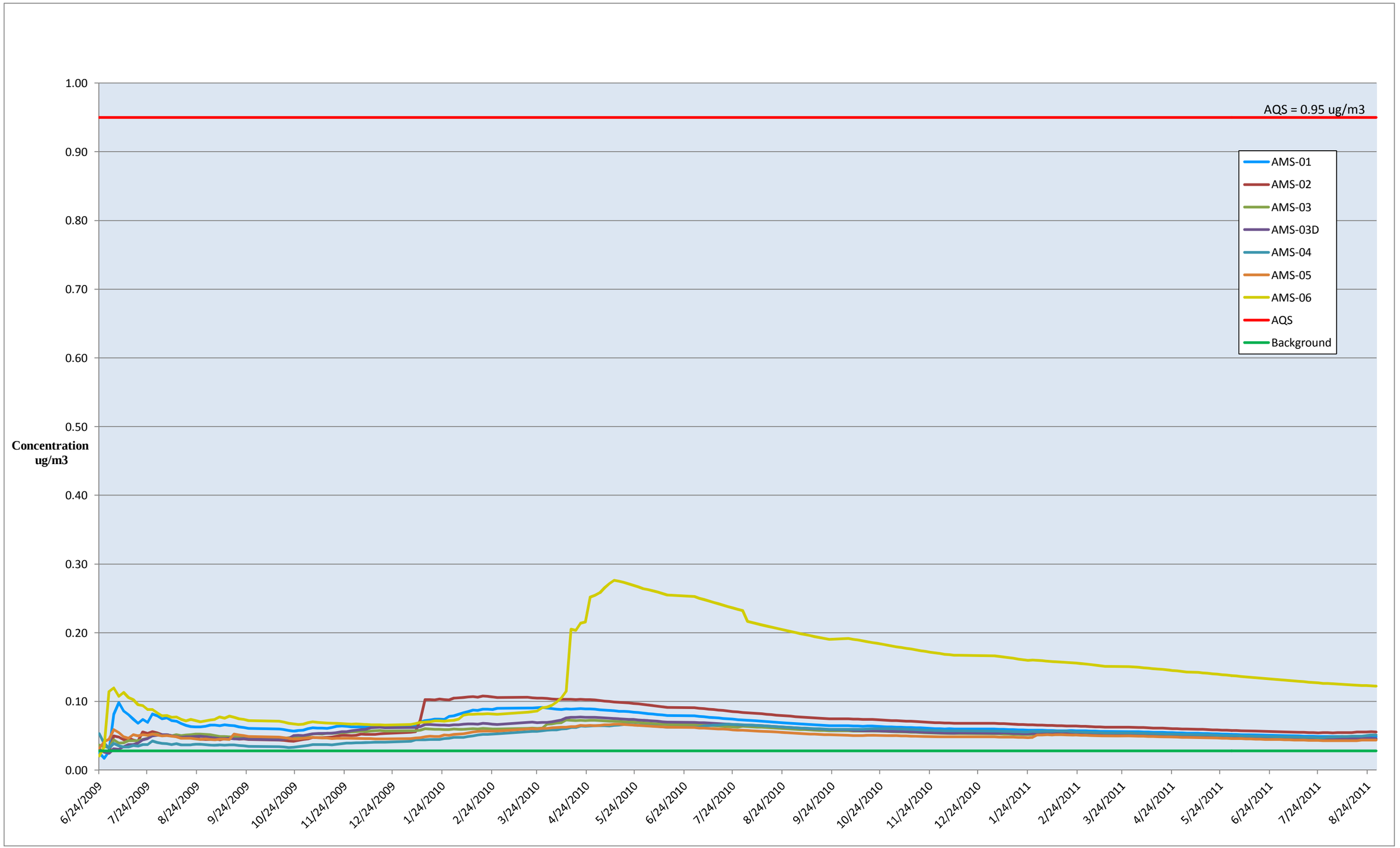
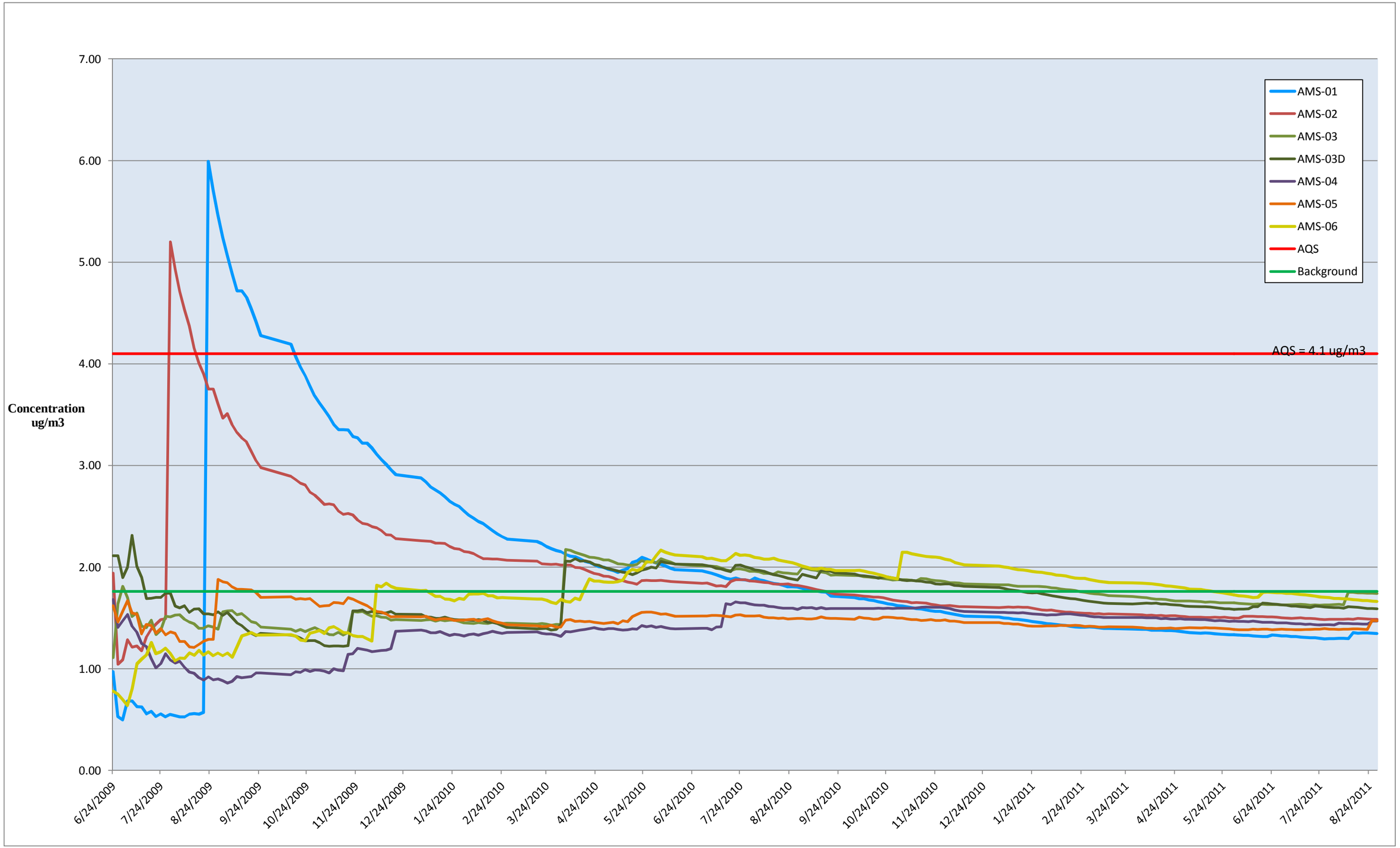


Figure 6-1
Time-Integrated Sampling Benzene Running Averages



APPENDIX A

PACE ANALYTICAL DATA

APPENDIX B

RUNNING AVERAGE BACK-UP DATA

APPENDIX C

METEOROLOGICAL DATA

APPENDIX D

REAL-TIME AIR MONITORING FIELD FORMS

APPENDIX E

TIME-INTEGRATED SAMPLING FIELD FORMS